Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060923\
Data File : PQ061361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2023 18:13
Operator : YP\AJ
Sample : PQ060923ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 18:28:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jun 09 18:19:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.405	2.761	223.3E6	132.9E6	49.683	49.760	
2)	SA Decachlor...	8.587	7.535	175.3E6	176.4E6	52.050	52.544	
	Target Compounds							
3)	L1 AR-1016-1	4.506	3.764	74057378	51558457	481.054	499.881	
4)	L1 AR-1016-2	4.524	3.779	113.4E6	75963563	496.842	509.876	
5)	L1 AR-1016-3	4.582	3.939	70021219	40727696	492.755	515.373	
6)	L1 AR-1016-4	4.674	3.989	57790584	35152510	501.925	495.054	
7)	L1 AR-1016-5	4.961	4.183	56257274	42714003	486.770	498.916	
8)	L2 AR-1221-1	3.602	2.963	7700121	4843133	137.231	136.020	
9)	L2 AR-1221-2	3.684	3.039	11318537	6775509	268.211	246.003	
10)	L2 AR-1221-3	3.754	3.107	40755841	26689499	310.920	314.956	
11)	L3 AR-1232-1	3.754	3.107	40755841	26689499	426.368	433.392	
12)	L3 AR-1232-2	4.247	3.779	57335331	75963563	1043.681	1102.556	
13)	L3 AR-1232-3	4.524	3.939	113.4E6	40727696	1085.219	1126.313	
14)	L3 AR-1232-4	4.674	4.026	57790584	38979601	1089.205	1209.388	
15)	L3 AR-1232-5	4.771	4.183	45075965	42714003	1195.254	1114.541	
16)	L4 AR-1242-1	4.506	3.764	74057378	51558457	652.669	673.182	
17)	L4 AR-1242-2	4.524	3.779	113.4E6	75963563	667.626	685.443	
18)	L4 AR-1242-3	4.582	3.939	70021219	40727696	654.522	688.172	
19)	L4 AR-1242-4	4.674	4.026	57790584	38979601	665.866	650.902	
20)	L4 AR-1242-5	5.390	4.520	7265705	34784941	81.924	434.432	#
21)	L5 AR-1248-1	4.506	3.764	74057378	51558457	821.910	828.441	
22)	L5 AR-1248-2	4.771	3.989	45075965	35152510	354.579	363.686	
23)	L5 AR-1248-3	4.961	4.026	56257274	38979601	365.211	426.411	
24)	L5 AR-1248-4	5.355	4.183	7535186	42714003	44.390	377.229	#
25)	L5 AR-1248-5	5.390	4.557	7265705	5180473	44.349	47.037	
26)	L6 AR-1254-1	5.328	4.520	43721902	34784941	255.981	211.528	
27)	L6 AR-1254-2	5.546	4.667	49603914	34514160	185.515	229.473	
28)	L6 AR-1254-3	5.899	5.048	27027535	18090329	96.719	77.742	
29)	L6 AR-1254-4	6.182	5.275	17456295	7089119	85.284	49.343	#
30)	L6 AR-1254-5	6.596	5.680	162.1E6	133.2E6	687.390	583.972	
31)	L7 AR-1260-1	6.063	5.178	110.6E6	87658187	497.772	509.612	
32)	L7 AR-1260-2	6.325	5.368	135.0E6	108.3E6	507.451	522.768	
33)	L7 AR-1260-3	6.678	5.509	84356370	102.0E6	501.681	513.727	
34)	L7 AR-1260-4	6.895	5.971	100.6E6	74085961	501.221	503.625	
35)	L7 AR-1260-5	7.206	6.218	197.7E6	171.6E6	519.521	528.422	
36)	L8 AR-1262-1	6.678	5.723	84356370	75009732	281.754	309.513	
37)	L8 AR-1262-2	7.206	6.218	197.7E6	171.6E6	392.173	392.595	
38)	L8 AR-1262-3	7.485	6.495	127.6E6	35830220	377.455	198.817	#
39)	L8 AR-1262-4	7.555	6.553	32036781	132.6E6	124.746	399.829	#
40)	L8 AR-1262-5	8.060	7.050	46006850	43668843	270.138	272.215	
41)	L9 AR-1268-1	7.485	6.495	127.6E6	35830220	231.610	72.930	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060923\
Data File : PQ061361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2023 18:13
Operator : YP\AJ
Sample : PQ060923ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 18:28:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jun 09 18:19:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.555	6.553	32036781	132.6E6	65.018	298.041 #
43)	L9 AR-1268-3	7.739	6.758	4098447	4707049	9.939	12.024
44)	L9 AR-1268-4	8.060	7.050	46006850	43668843	259.914	260.120
45)	L9 AR-1268-5	8.352	7.318	14967898	15016627	12.593	12.110

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060923\
Data File : PQ061361.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2023 18:13
Operator : YP\AJ
Sample : PQ060923ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 18:28:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jun 09 18:19:31 2023
Response via : Initial Calibration
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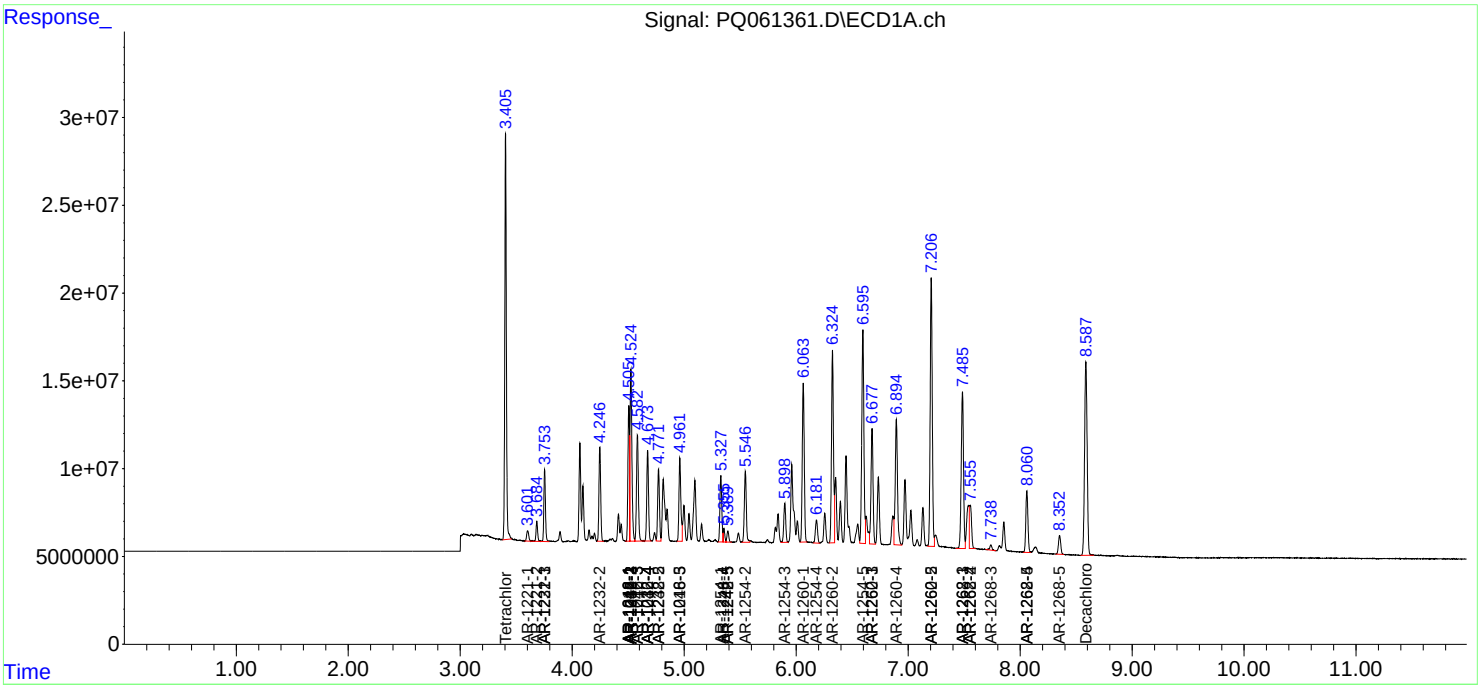
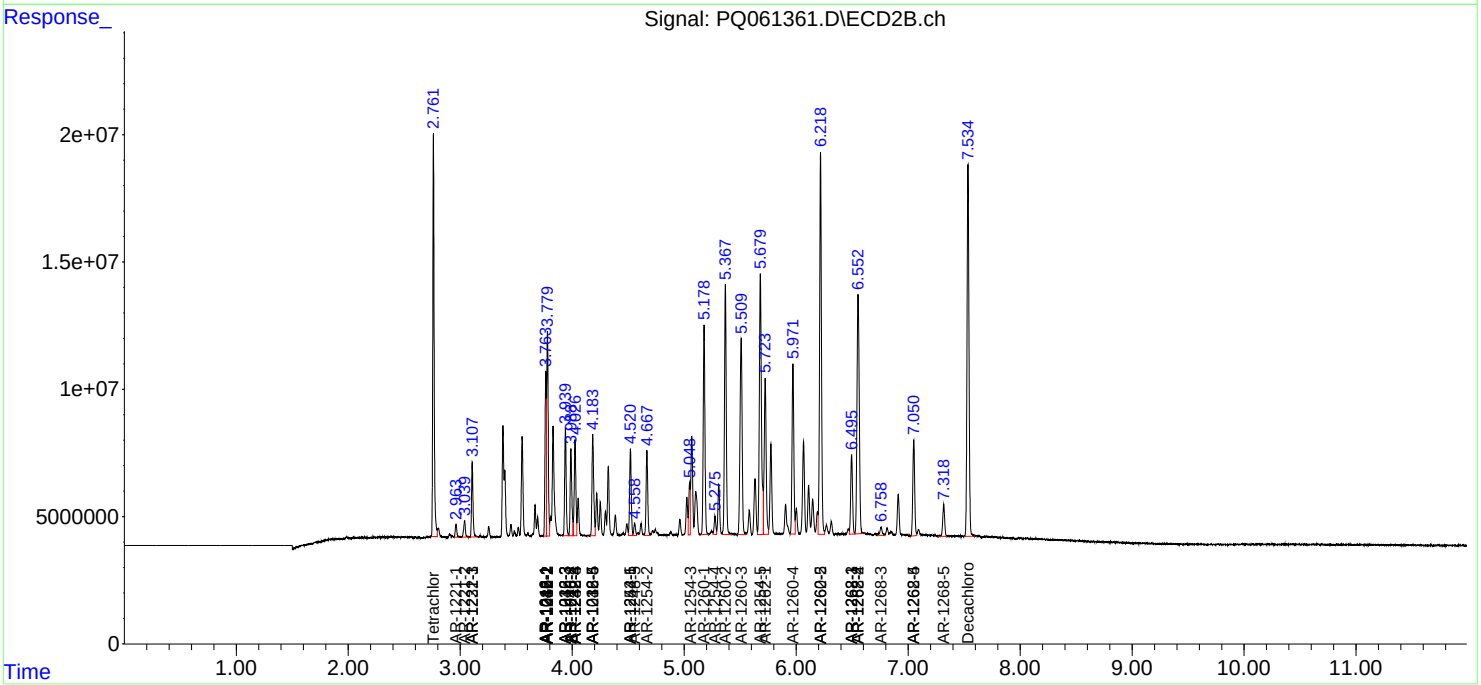
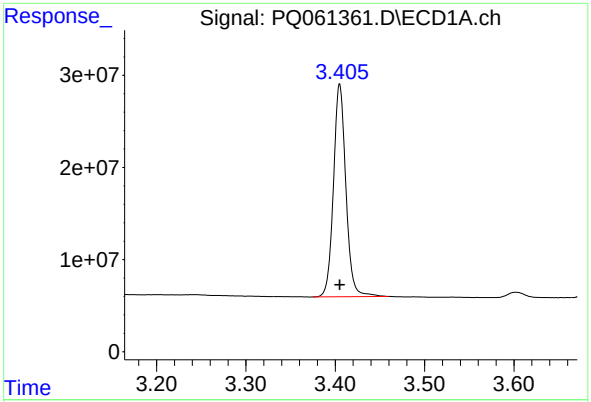
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



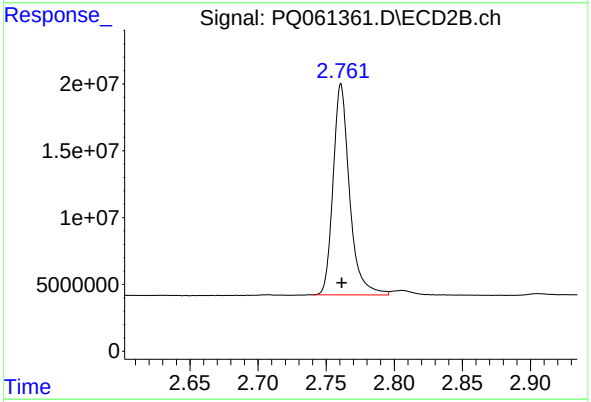




#1 Tetrachloro-m-xylene

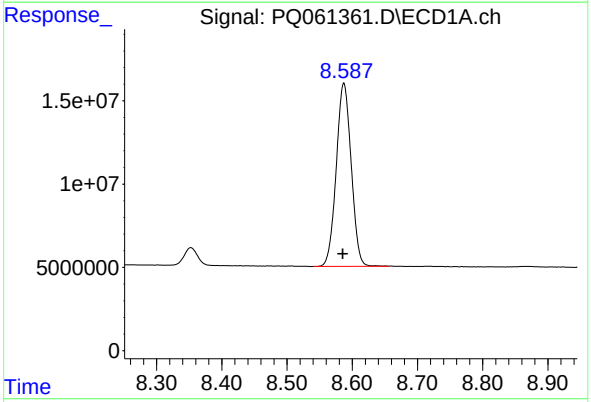
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 223328231
Conc: 49.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



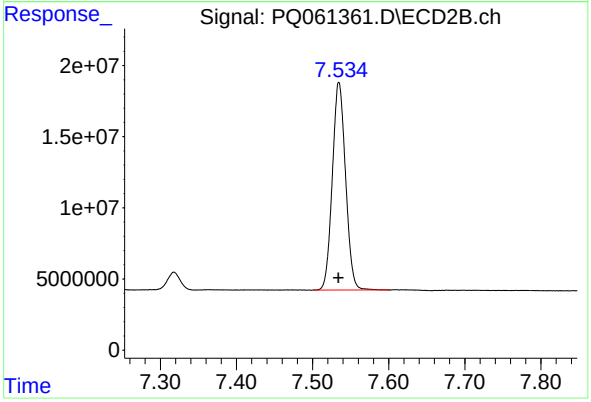
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 132877617
Conc: 49.76 ng/ml



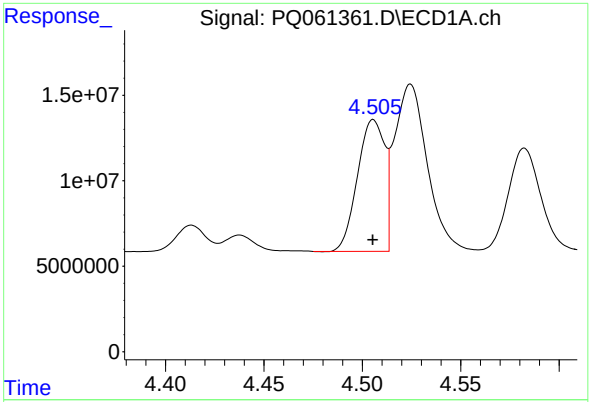
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.001 min
Response: 175338661
Conc: 52.05 ng/ml



#2 Decachlorobiphenyl

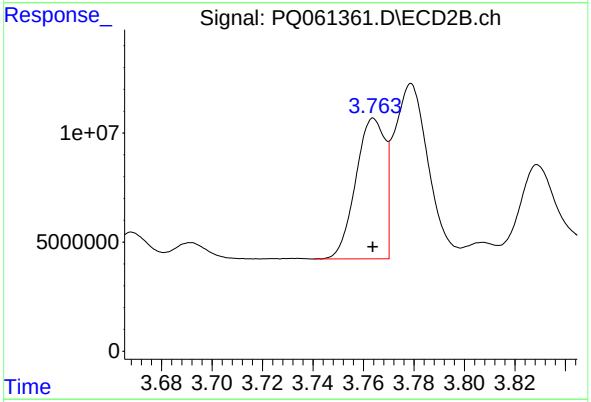
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 176363364
Conc: 52.54 ng/ml



#3 AR-1016-1

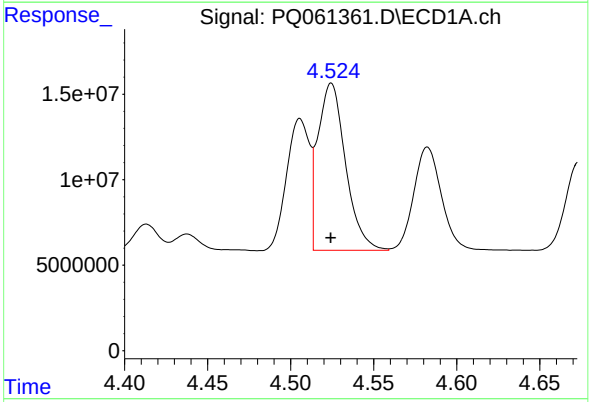
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 74057378
Conc: 481.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



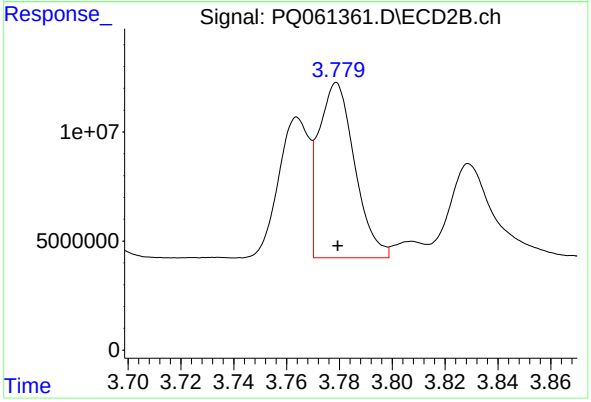
#3 AR-1016-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 51558457
Conc: 499.88 ng/ml



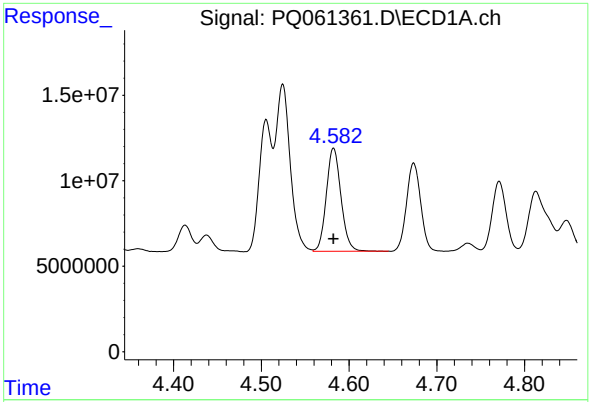
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 113361811
Conc: 496.84 ng/ml



#4 AR-1016-2

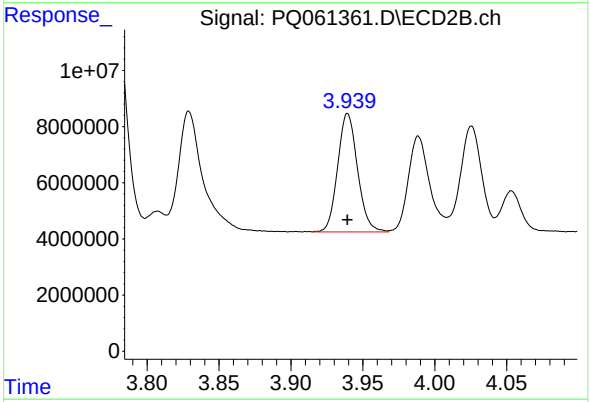
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 75963563
Conc: 509.88 ng/ml



#5 AR-1016-3

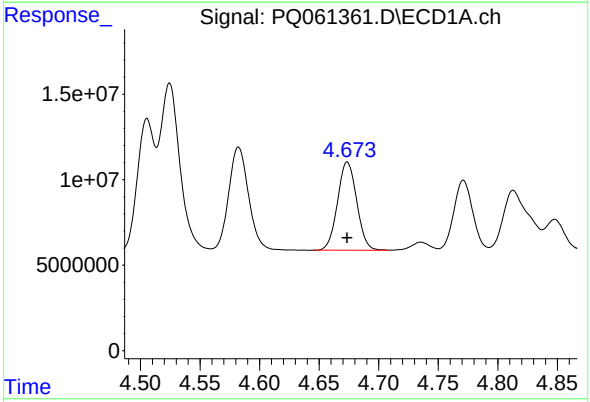
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 70021219
Conc: 492.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



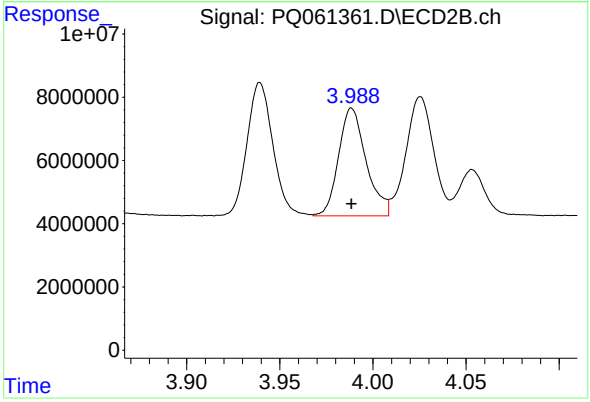
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 40727696
Conc: 515.37 ng/ml



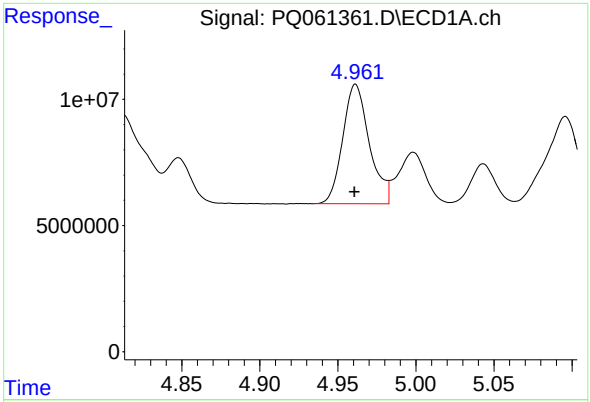
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57790584
Conc: 501.93 ng/ml



#6 AR-1016-4

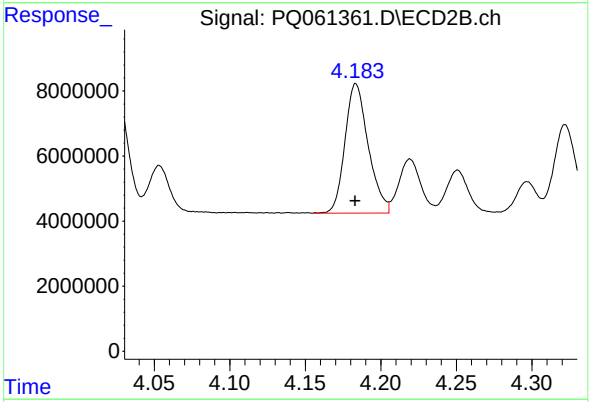
R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 35152510
Conc: 495.05 ng/ml



#7 AR-1016-5

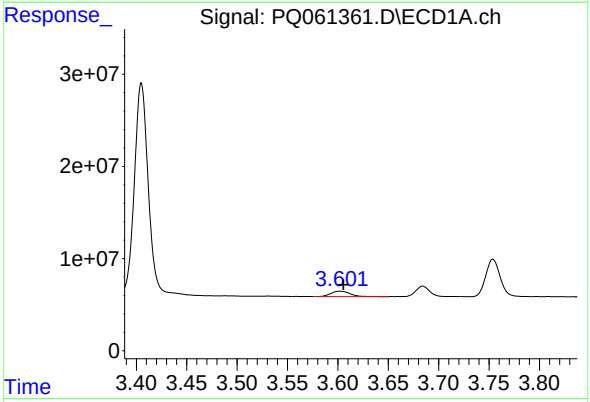
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 56257274
Conc: 486.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



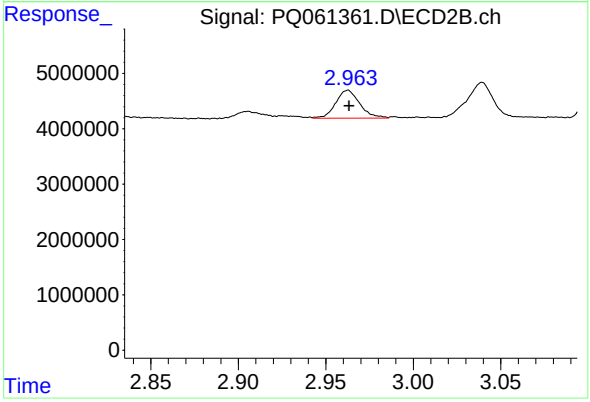
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 42714003
Conc: 498.92 ng/ml



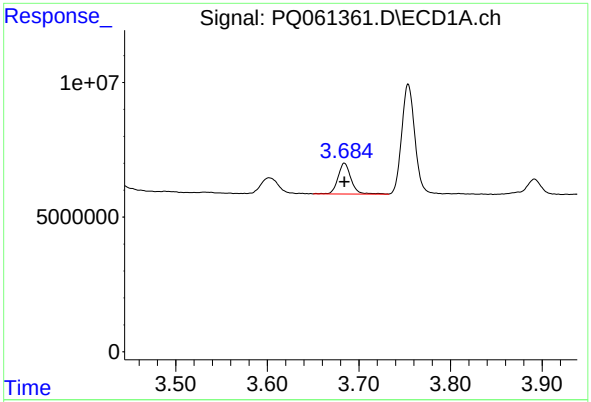
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 7700121
Conc: 137.23 ng/ml



#8 AR-1221-1

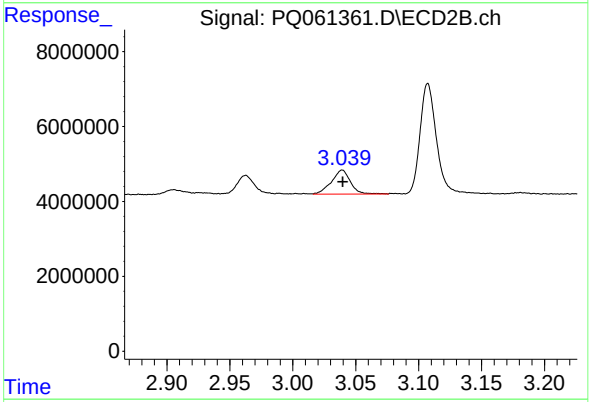
R.T.: 2.963 min
Delta R.T.: 0.000 min
Response: 4843133
Conc: 136.02 ng/ml



#9 AR-1221-2

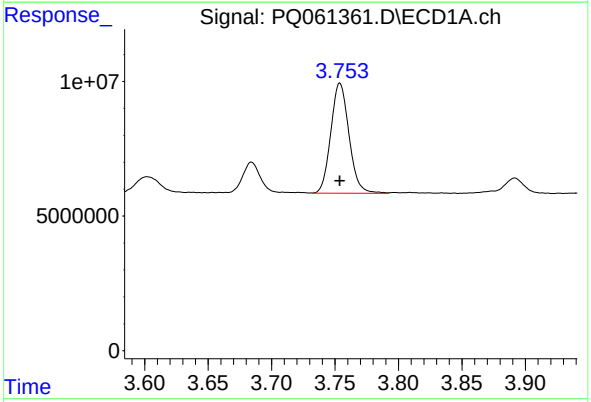
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 11318537
Conc: 268.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



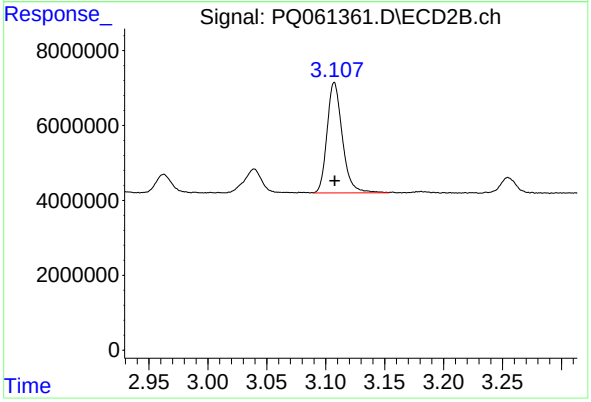
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.000 min
Response: 6775509
Conc: 246.00 ng/ml



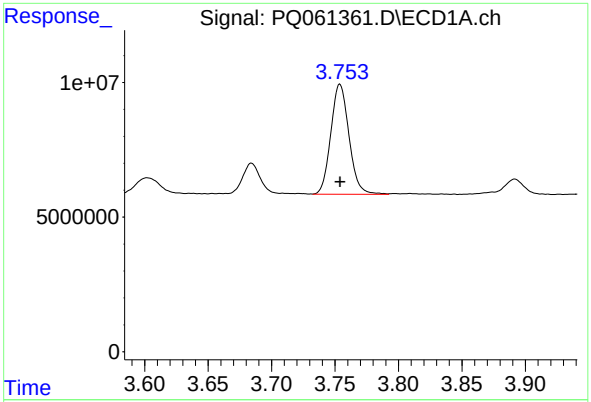
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 40755841
Conc: 310.92 ng/ml



#10 AR-1221-3

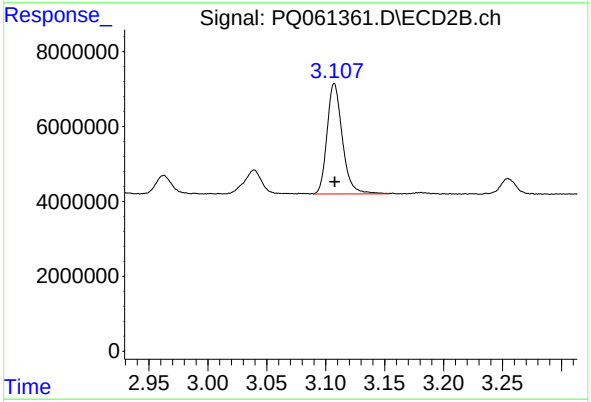
R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 26689499
Conc: 314.96 ng/ml



#11 AR-1232-1

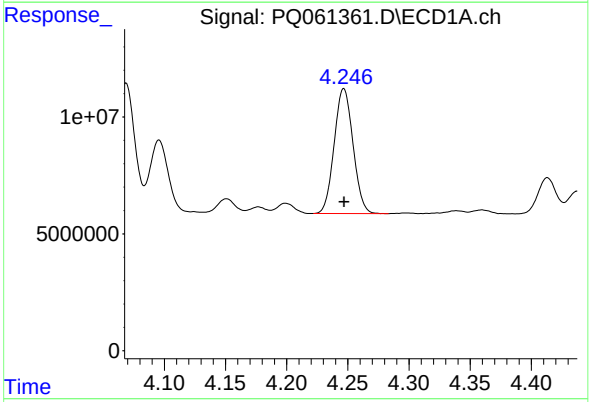
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 40755841
Conc: 426.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



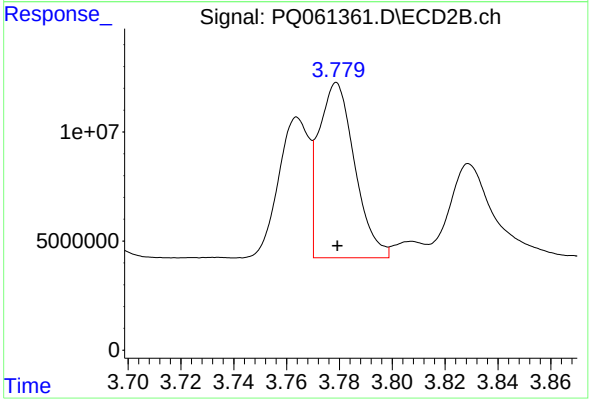
#11 AR-1232-1

R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 26689499
Conc: 433.39 ng/ml



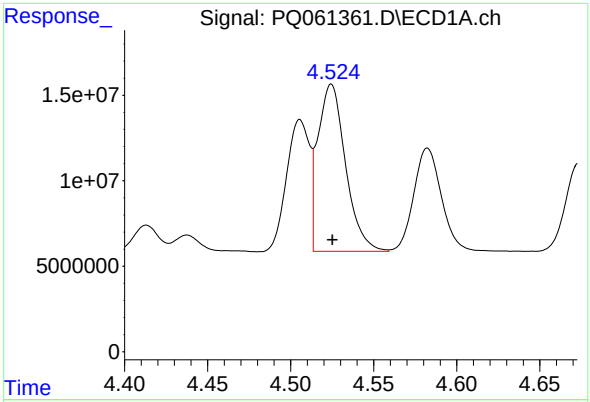
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 57335331
Conc: 1043.68 ng/ml



#12 AR-1232-2

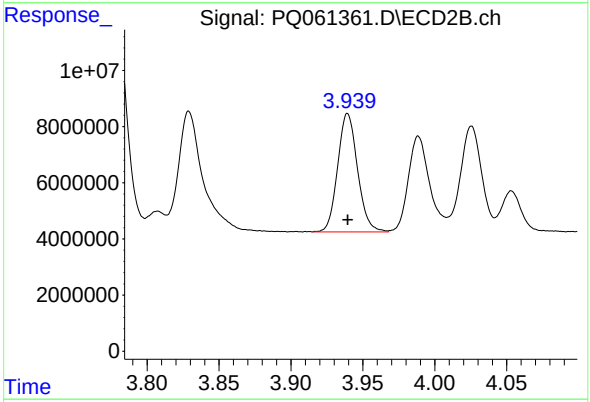
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 75963563
Conc: 1102.56 ng/ml



#13 AR-1232-3

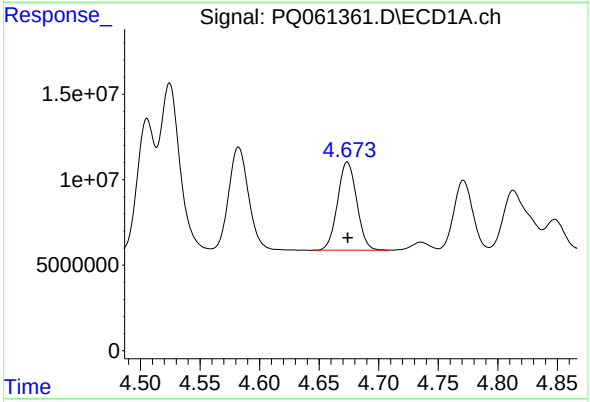
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 113361811
Conc: 1085.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



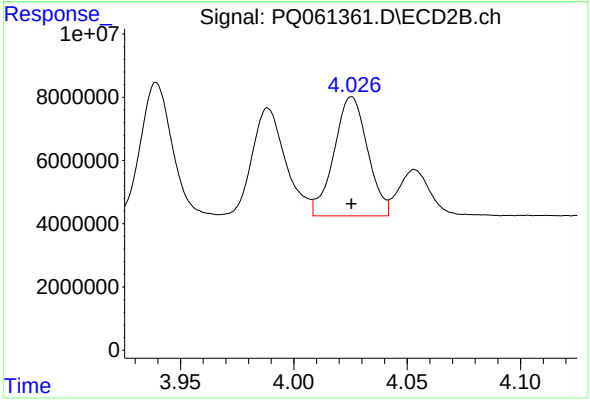
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 40727696
Conc: 1126.31 ng/ml



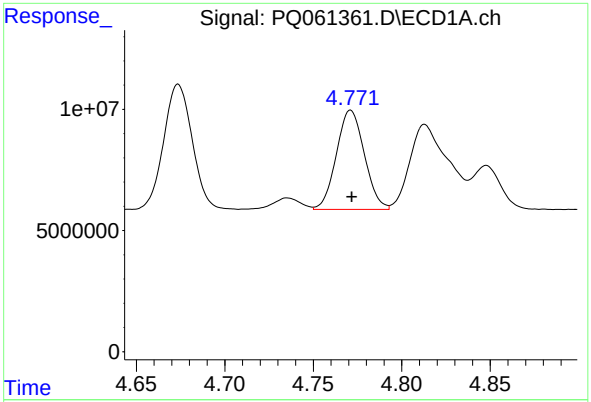
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57790584
Conc: 1089.21 ng/ml



#14 AR-1232-4

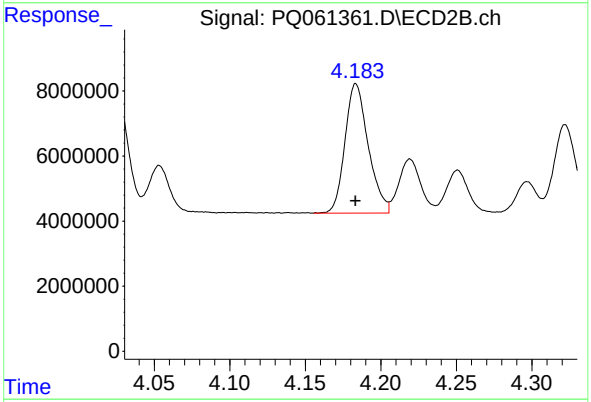
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 38979601
Conc: 1209.39 ng/ml



#15 AR-1232-5

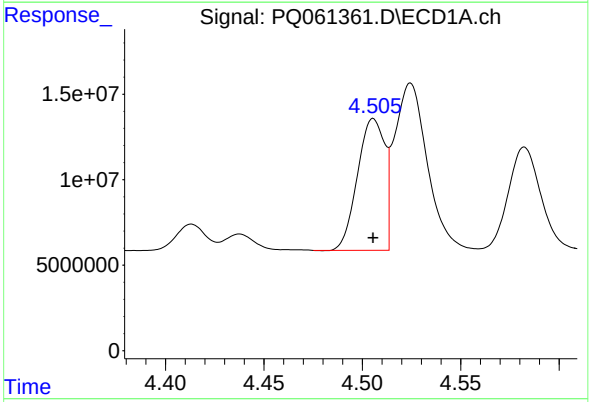
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 45075965
Conc: 1195.25 ng/m

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



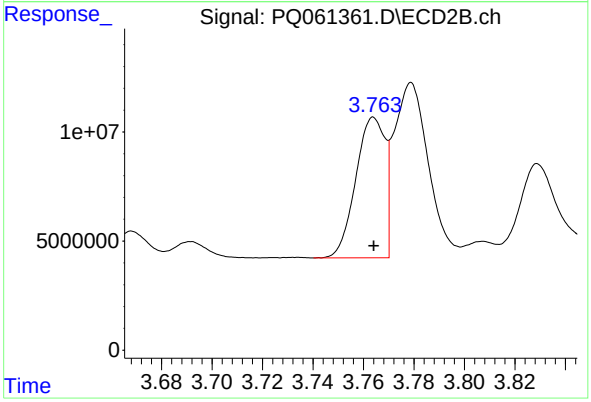
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 42714003
Conc: 1114.54 ng/ml



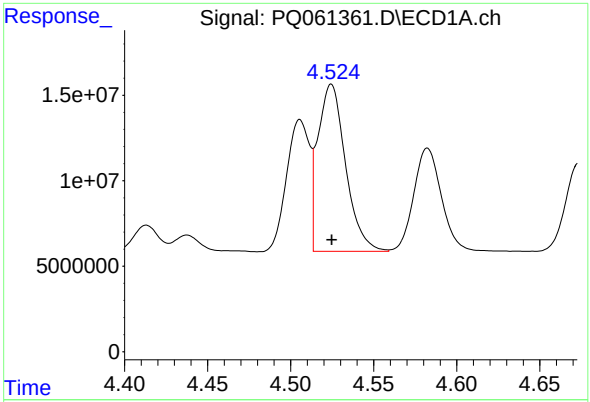
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 74057378
Conc: 652.67 ng/ml



#16 AR-1242-1

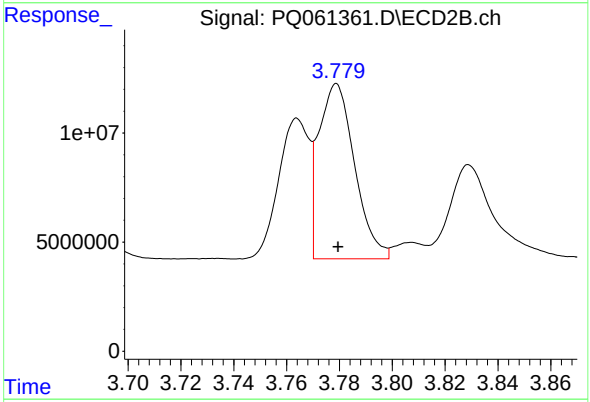
R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 51558457
Conc: 673.18 ng/ml



#17 AR-1242-2

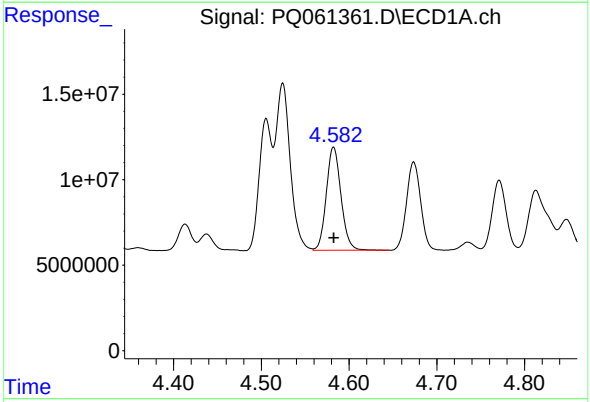
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 113361811
Conc: 667.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



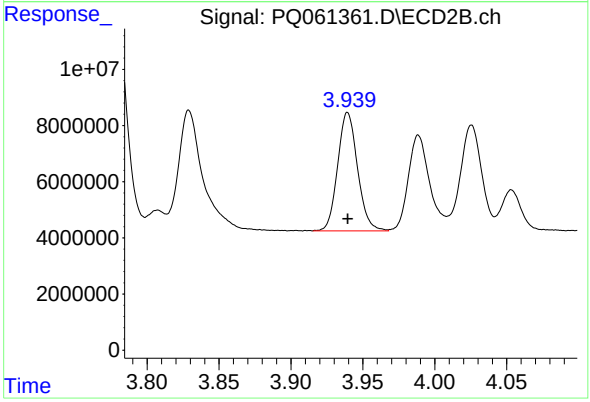
#17 AR-1242-2

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 75963563
Conc: 685.44 ng/ml



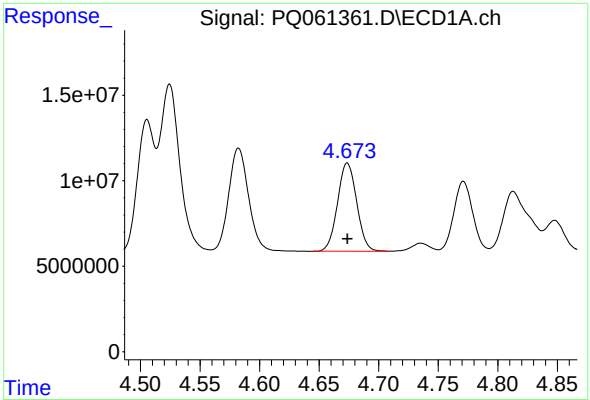
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 70021219
Conc: 654.52 ng/ml



#18 AR-1242-3

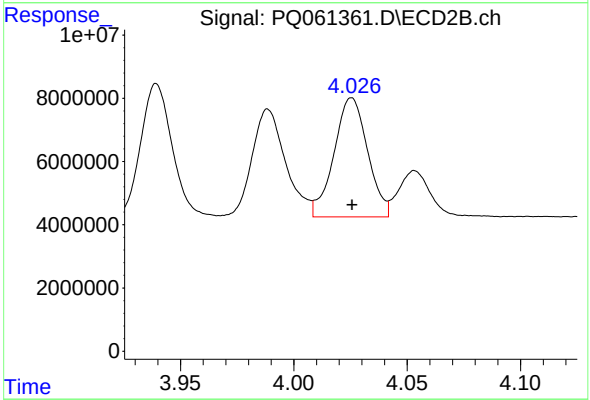
R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 40727696
Conc: 688.17 ng/ml



#19 AR-1242-4

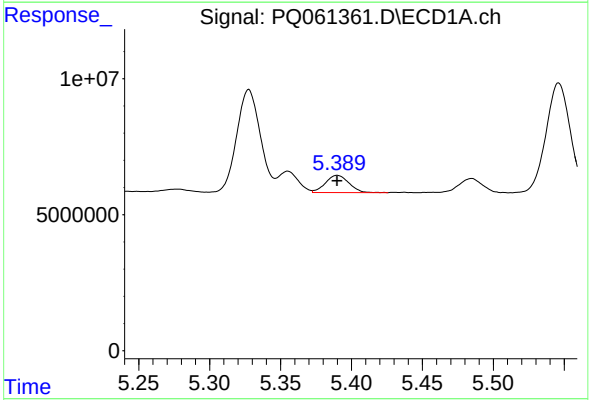
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57790584
Conc: 665.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



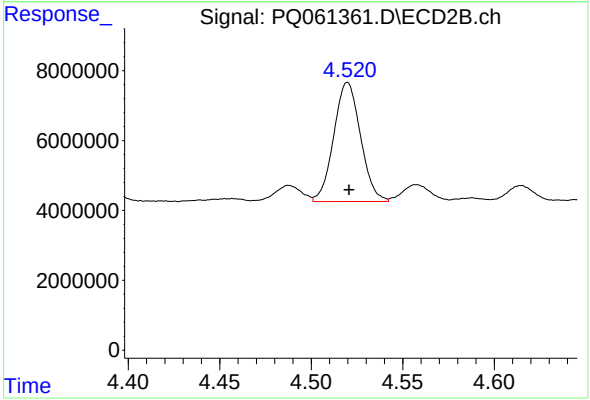
#19 AR-1242-4

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 38979601
Conc: 650.90 ng/ml



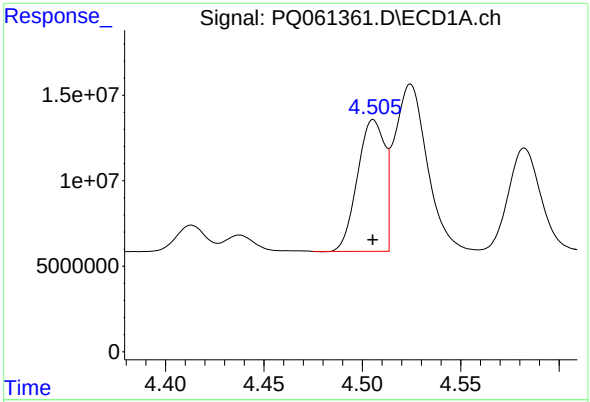
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7265705
Conc: 81.92 ng/ml



#20 AR-1242-5

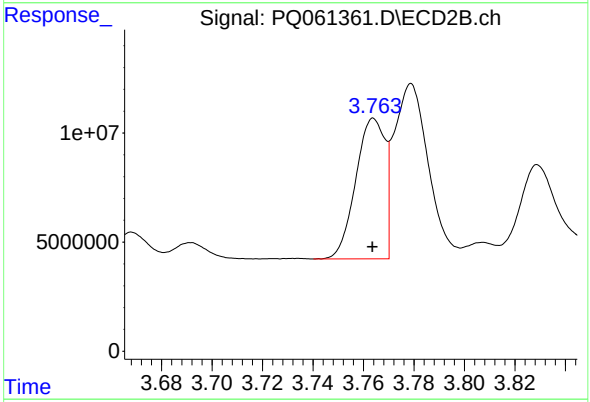
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 34784941
Conc: 434.43 ng/ml



#21 AR-1248-1

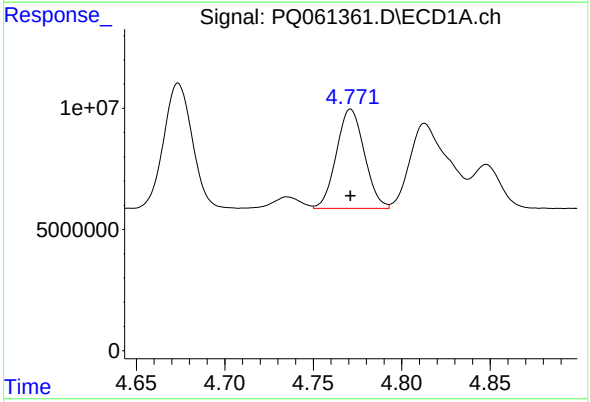
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 74057378
Conc: 821.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



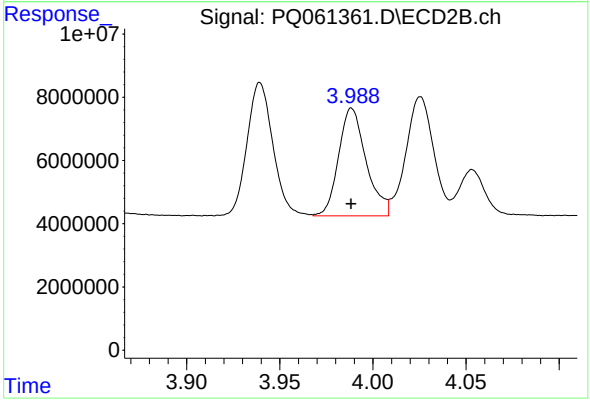
#21 AR-1248-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 51558457
Conc: 828.44 ng/ml



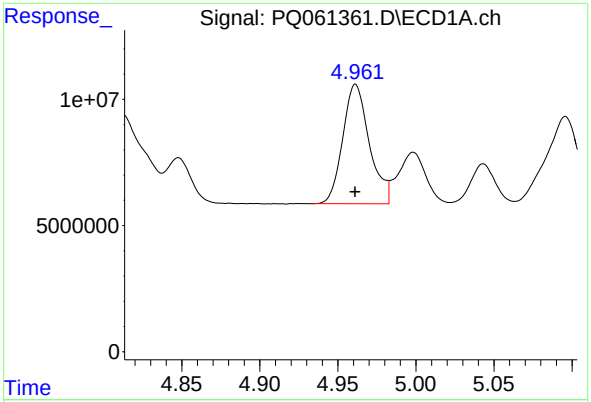
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 45075965
Conc: 354.58 ng/ml



#22 AR-1248-2

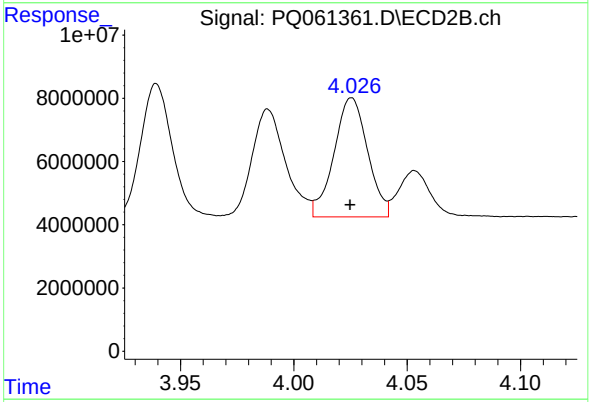
R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 35152510
Conc: 363.69 ng/ml



#23 AR-1248-3

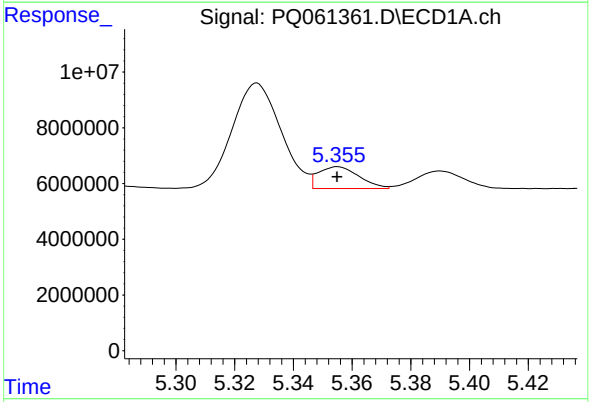
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 56257274
Conc: 365.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



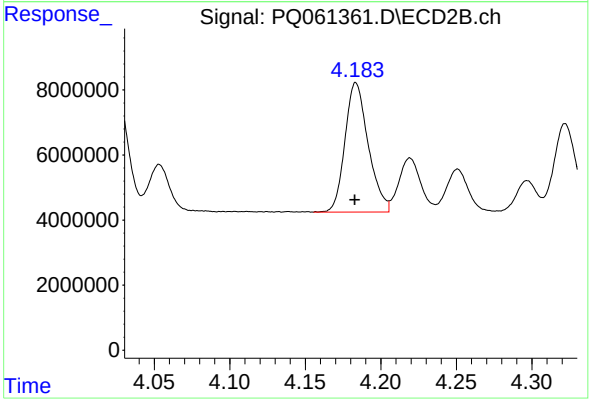
#23 AR-1248-3

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 38979601
Conc: 426.41 ng/ml



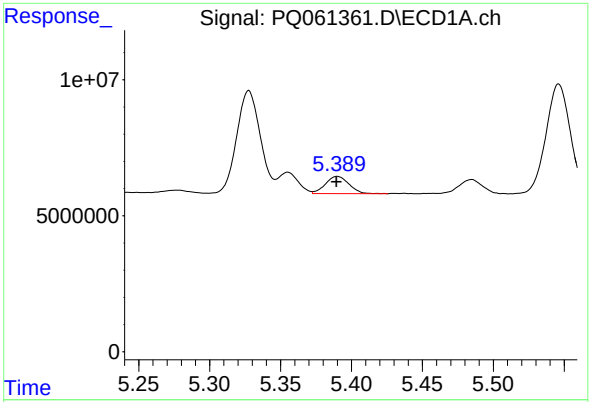
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 7535186
Conc: 44.39 ng/ml



#24 AR-1248-4

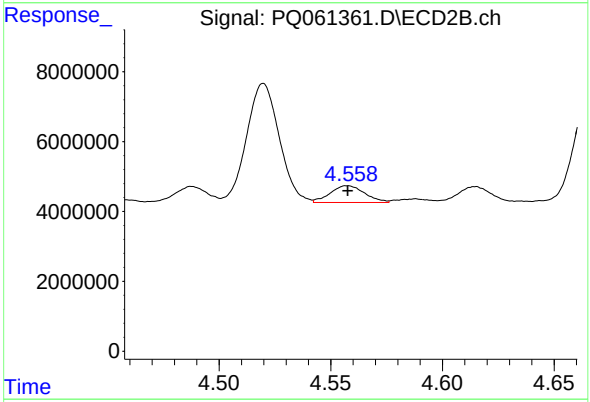
R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 42714003
Conc: 377.23 ng/ml



#25 AR-1248-5

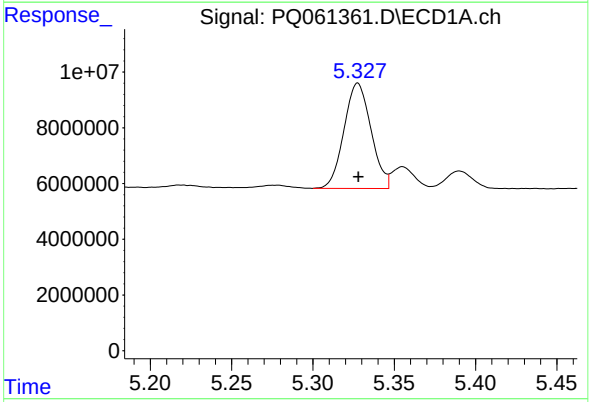
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7265705
Conc: 44.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



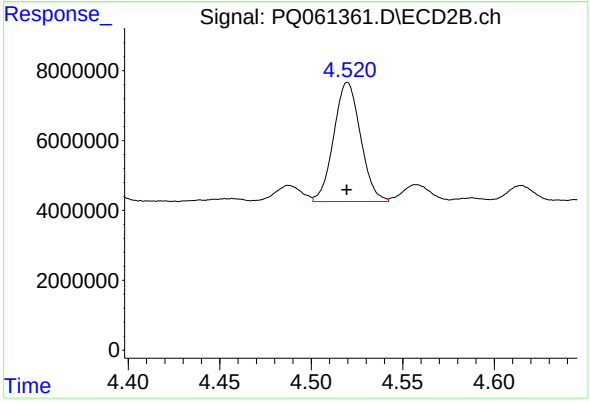
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 5180473
Conc: 47.04 ng/ml



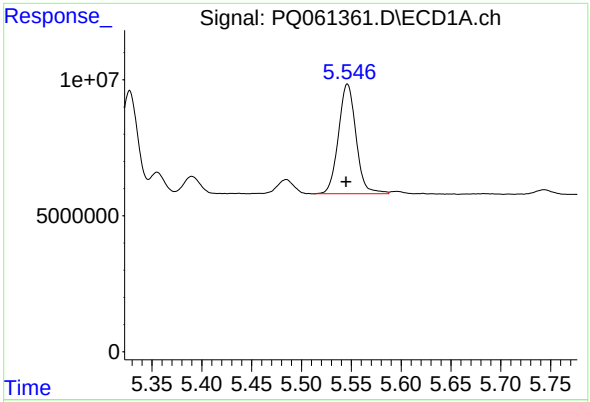
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 43721902
Conc: 255.98 ng/ml



#26 AR-1254-1

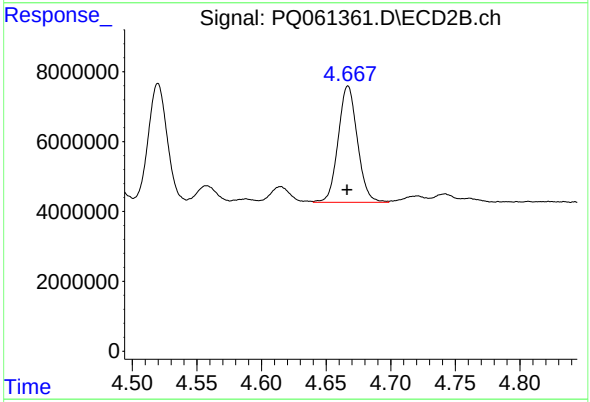
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 34784941
Conc: 211.53 ng/ml



#27 AR-1254-2

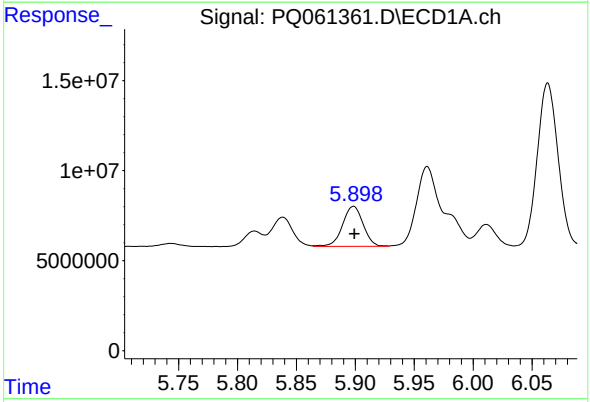
R.T.: 5.546 min
Delta R.T.: 0.001 min
Response: 49603914
Conc: 185.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



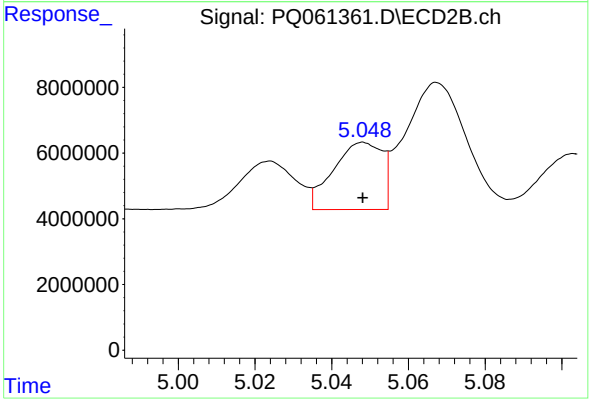
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 34514160
Conc: 229.47 ng/ml



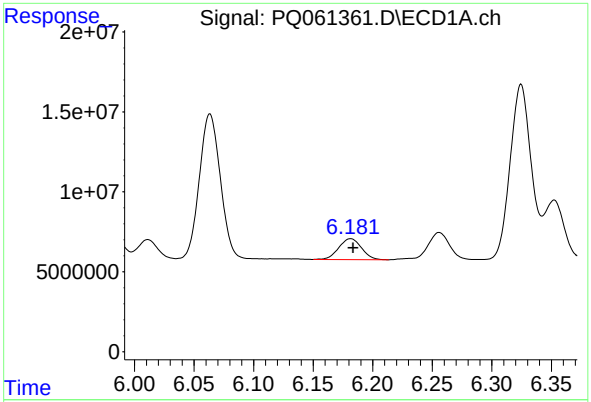
#28 AR-1254-3

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 27027535
Conc: 96.72 ng/ml



#28 AR-1254-3

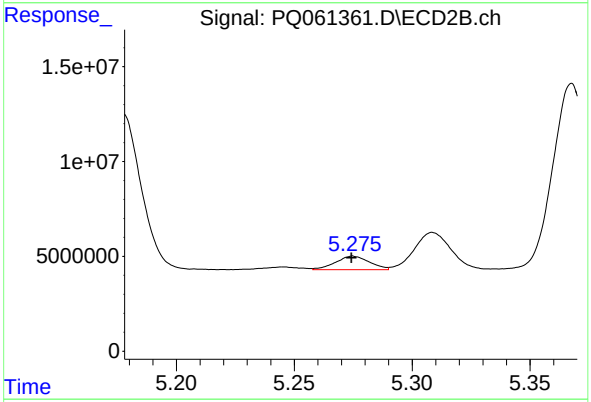
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 18090329
Conc: 77.74 ng/ml



#29 AR-1254-4

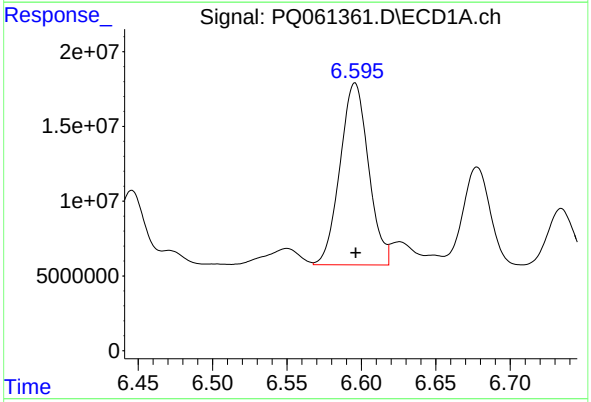
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 17456295
Conc: 85.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



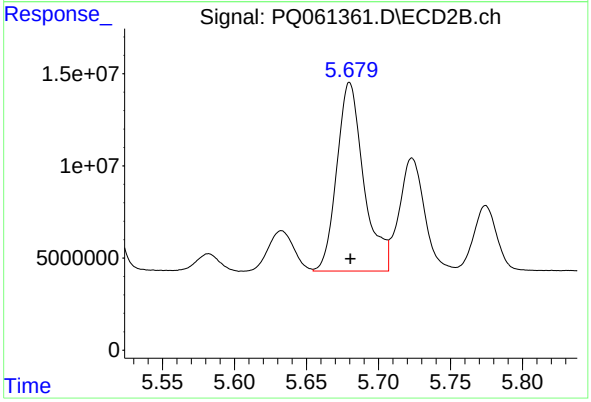
#29 AR-1254-4

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 7089119
Conc: 49.34 ng/ml



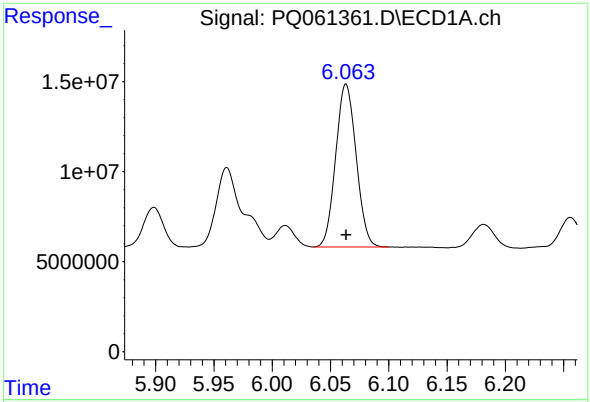
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 162143911
Conc: 687.39 ng/ml



#30 AR-1254-5

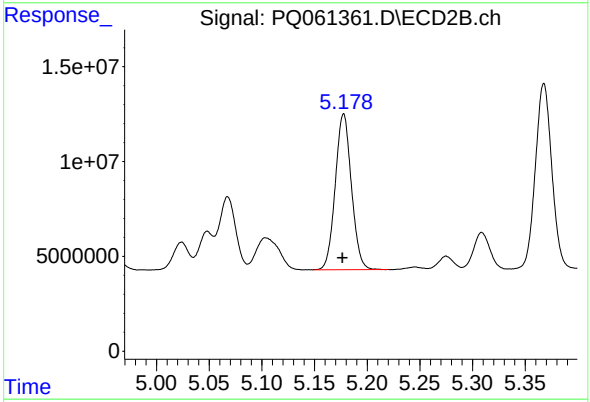
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 133209824
Conc: 583.97 ng/ml



#31 AR-1260-1

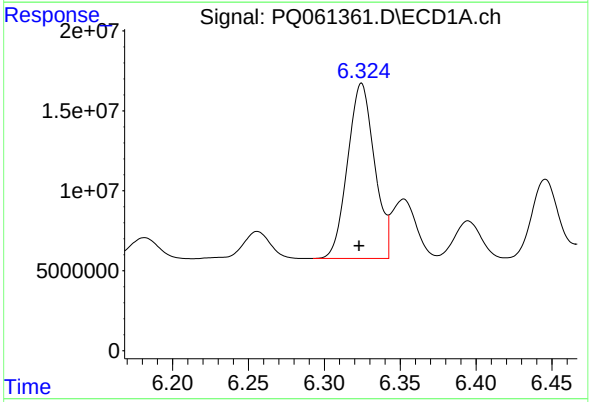
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 110591462
Conc: 497.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



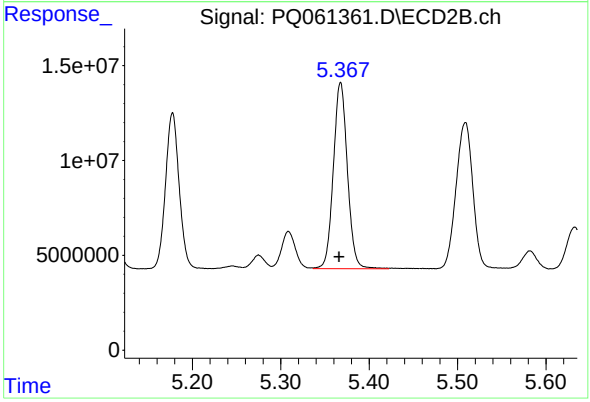
#31 AR-1260-1

R.T.: 5.178 min
Delta R.T.: 0.002 min
Response: 87658187
Conc: 509.61 ng/ml



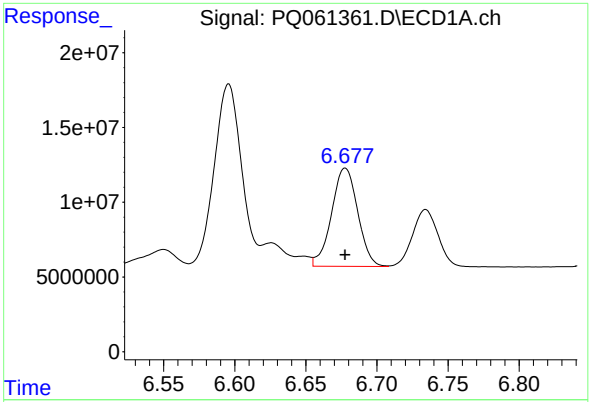
#32 AR-1260-2

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 135004036
Conc: 507.45 ng/ml



#32 AR-1260-2

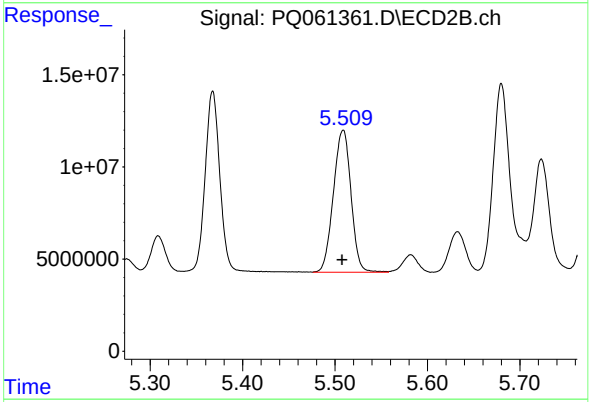
R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 108335012
Conc: 522.77 ng/ml



#33 AR-1260-3

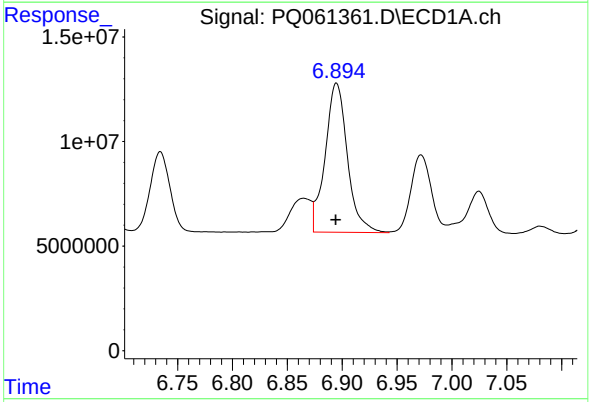
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 84356370
Conc: 501.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



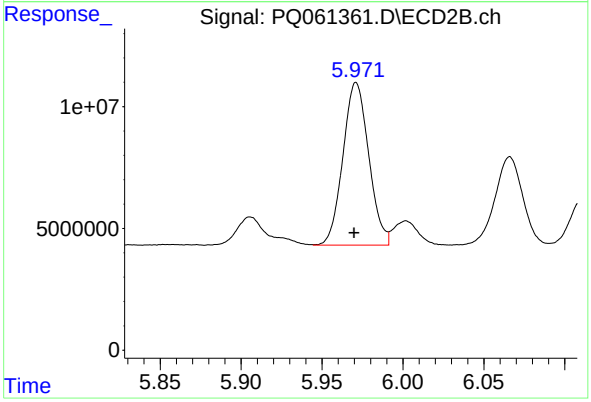
#33 AR-1260-3

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 102032988
Conc: 513.73 ng/ml



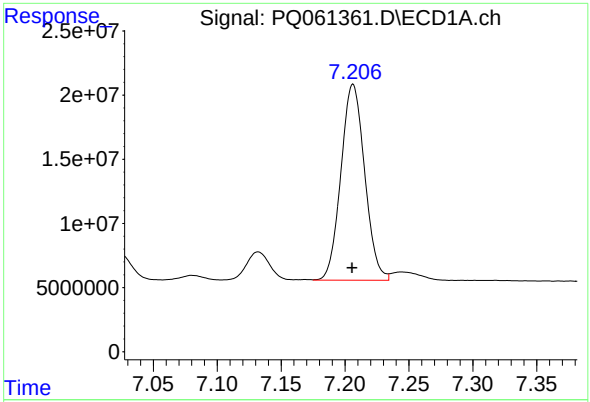
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 100592773
Conc: 501.22 ng/ml



#34 AR-1260-4

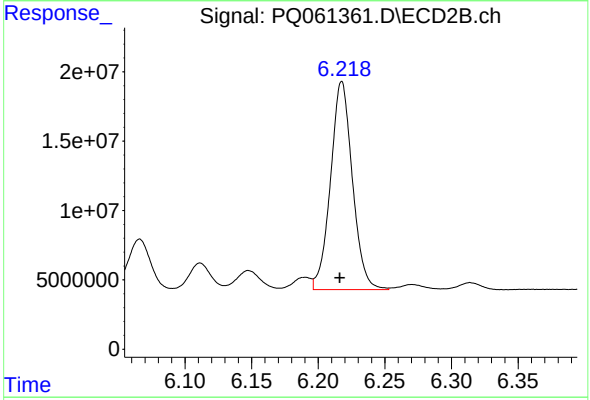
R.T.: 5.971 min
Delta R.T.: 0.001 min
Response: 74085961
Conc: 503.62 ng/ml



#35 AR-1260-5

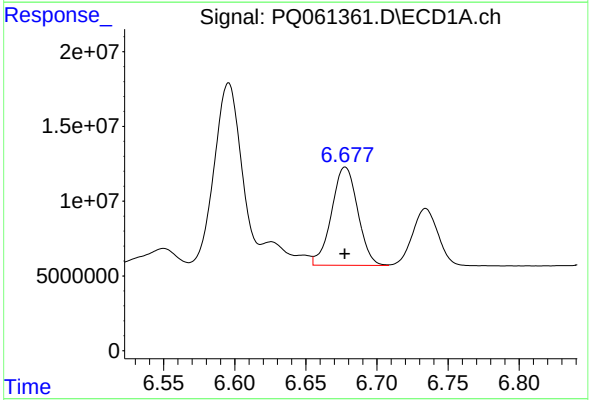
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 197726316
Conc: 519.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



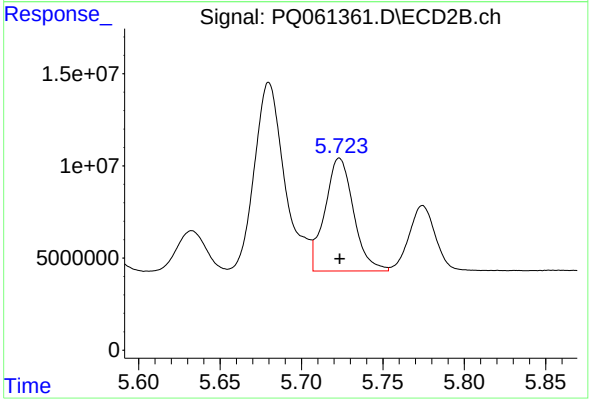
#35 AR-1260-5

R.T.: 6.218 min
Delta R.T.: 0.002 min
Response: 171583763
Conc: 528.42 ng/ml



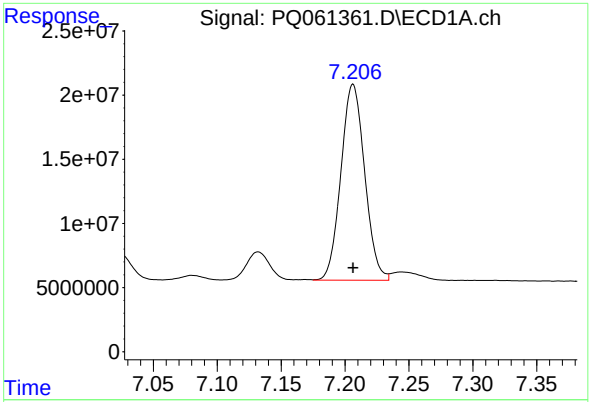
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 84356370
Conc: 281.75 ng/ml



#36 AR-1262-1

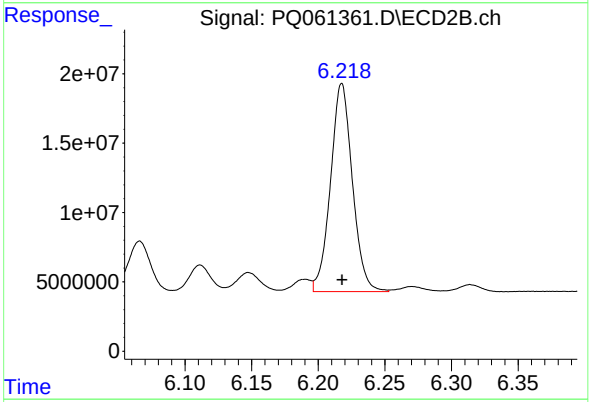
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 75009732
Conc: 309.51 ng/ml



#37 AR-1262-2

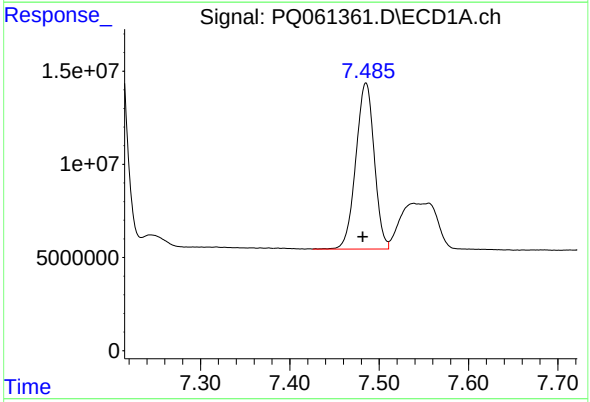
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 197726316
Conc: 392.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



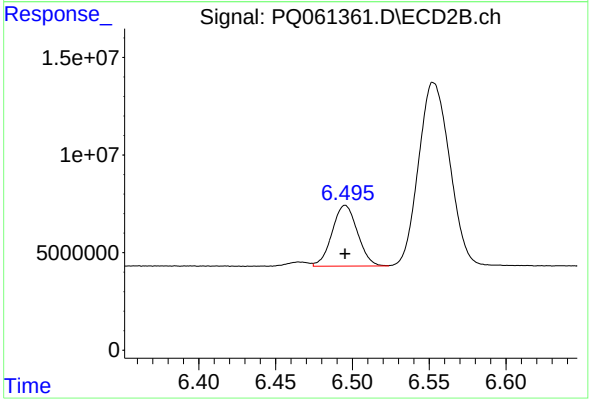
#37 AR-1262-2

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 171583763
Conc: 392.59 ng/ml



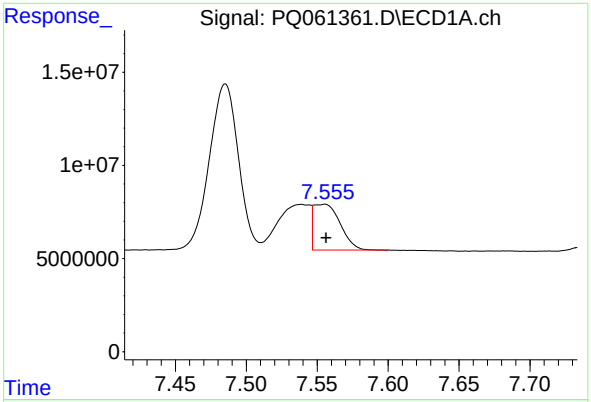
#38 AR-1262-3

R.T.: 7.485 min
Delta R.T.: 0.004 min
Response: 127559932
Conc: 377.46 ng/ml



#38 AR-1262-3

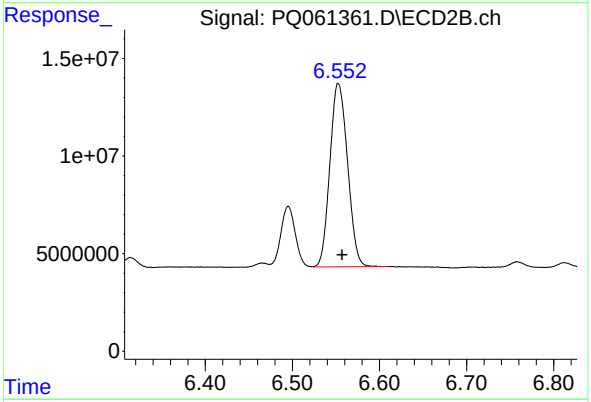
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 35830220
Conc: 198.82 ng/ml



#39 AR-1262-4

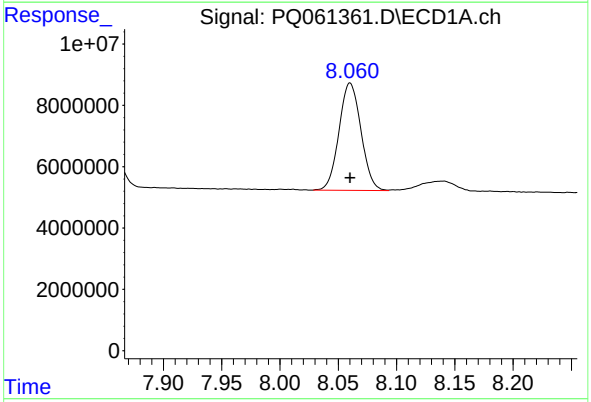
R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 32036781
Conc: 124.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



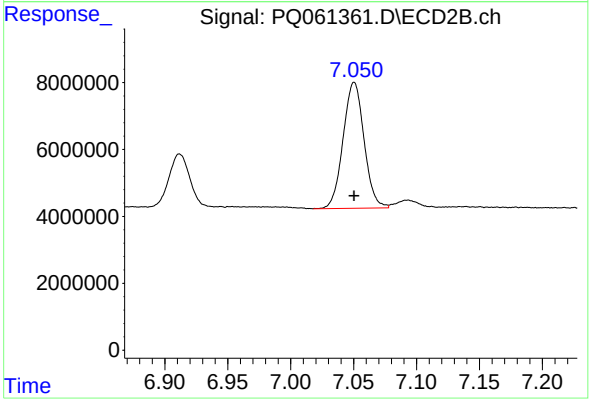
#39 AR-1262-4

R.T.: 6.553 min
Delta R.T.: -0.004 min
Response: 132594541
Conc: 399.83 ng/ml



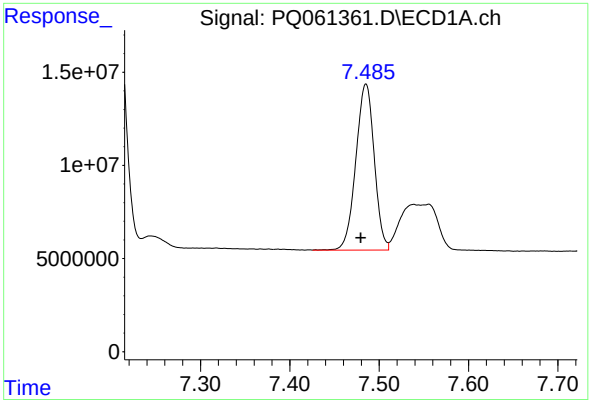
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 46006850
Conc: 270.14 ng/ml



#40 AR-1262-5

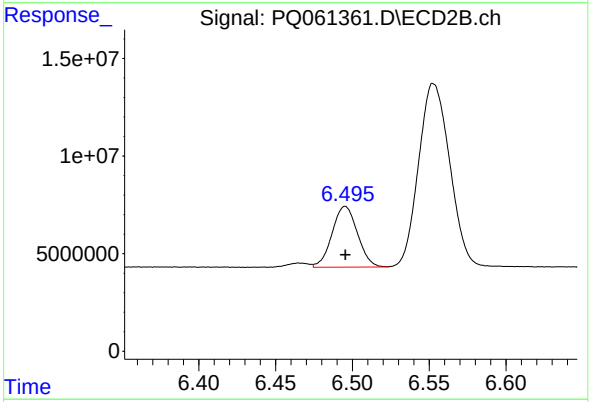
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 43668843
Conc: 272.22 ng/ml



#41 AR-1268-1

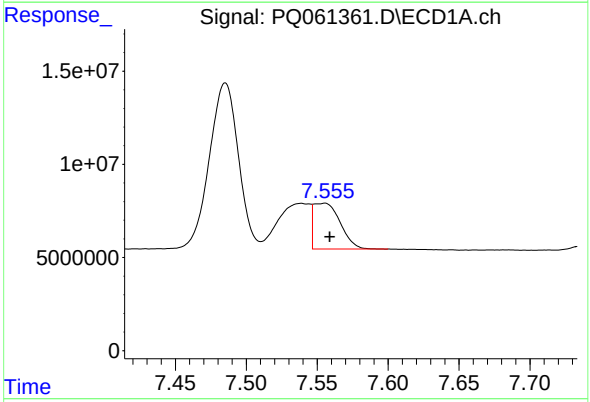
R.T.: 7.485 min
Delta R.T.: 0.006 min
Response: 127559932
Conc: 231.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



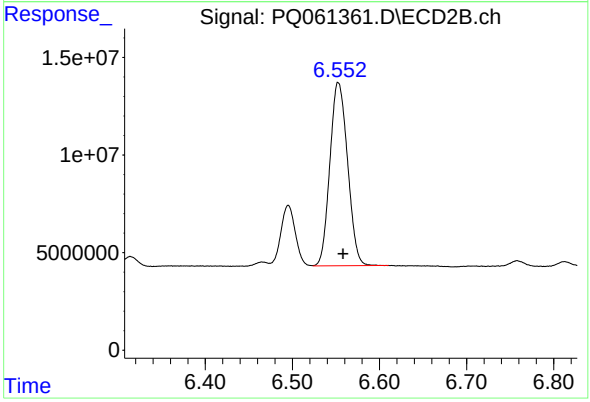
#41 AR-1268-1

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 35830220
Conc: 72.93 ng/ml



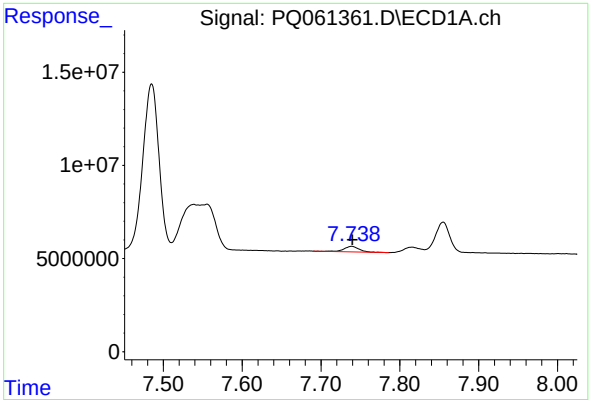
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.003 min
Response: 32036781
Conc: 65.02 ng/ml



#42 AR-1268-2

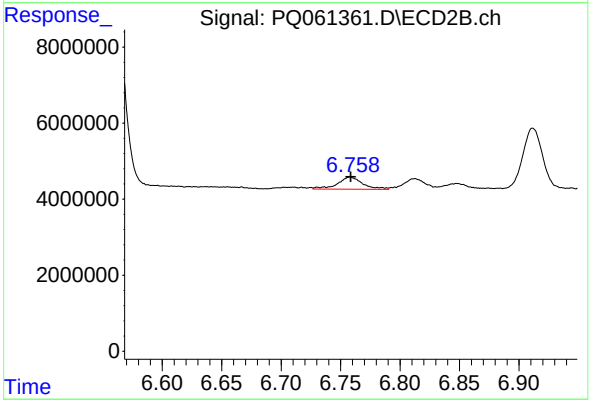
R.T.: 6.553 min
Delta R.T.: -0.006 min
Response: 132594541
Conc: 298.04 ng/ml



#43 AR-1268-3

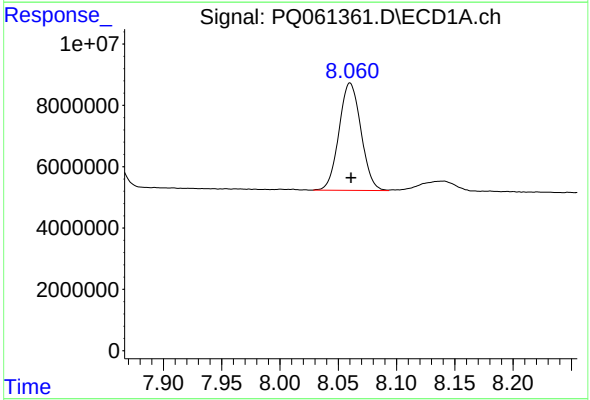
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 4098447
Conc: 9.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



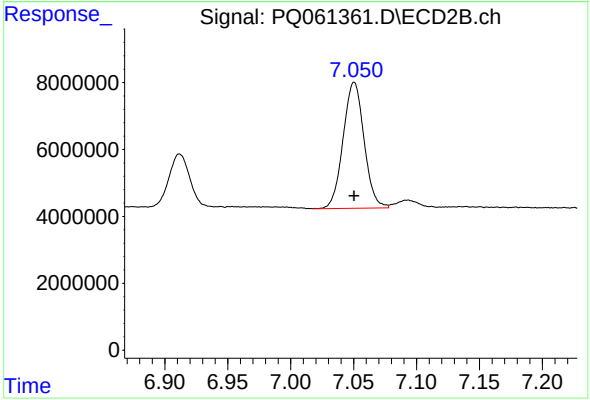
#43 AR-1268-3

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 4707049
Conc: 12.02 ng/ml



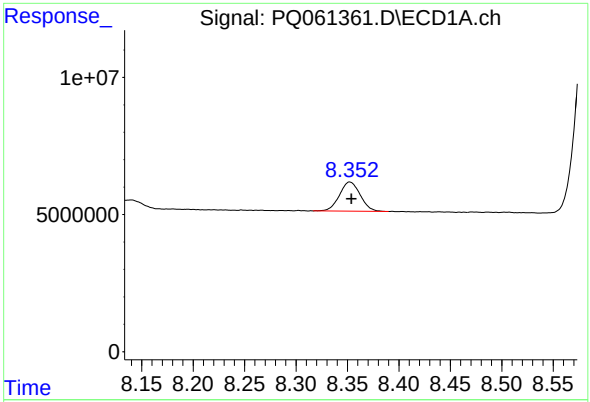
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 46006850
Conc: 259.91 ng/ml



#44 AR-1268-4

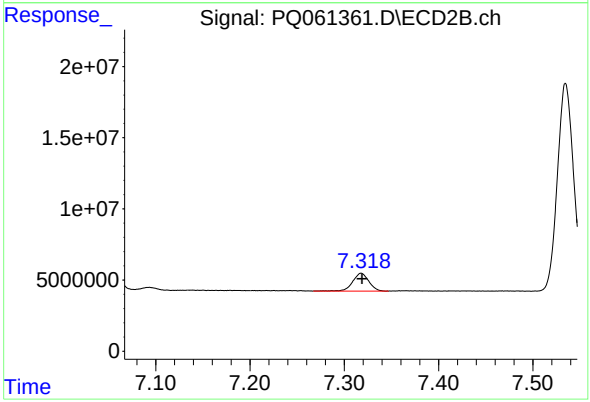
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 43668843
Conc: 260.12 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 14967898
Conc: 12.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ060923



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 15016627
Conc: 12.11 ng/ml