

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 19:19
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:31:14 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	2.760	211.0E6	118.8E6	46.944	44.483
2)	SA Decachlor...	8.582	7.531	162.9E6	154.6E6	48.357	46.073
Target Compounds							
3)	L1 AR-1016-1	4.505	3.763	73774107	48142360	479.214	466.761
4)	L1 AR-1016-2	4.524	3.778	108.4E6	69060274	475.225	463.540
5)	L1 AR-1016-3	4.582	3.938	67032111	37493959	471.720	474.453
6)	L1 AR-1016-4	4.673	3.987	55690709	32023421	483.688	450.987
7)	L1 AR-1016-5	4.961	4.182	53873518	39344551	466.144	459.559
8)	L2 AR-1221-1	3.602	2.962	7551479	4230785	134.582	118.822
9)	L2 AR-1221-2	3.684	3.039	10682949	6129304	253.150	222.541
10)	L2 AR-1221-3	3.754	3.106	39642474	23927313	302.427	282.360
11)	L3 AR-1232-1	3.754	3.106	39642474	23927313	414.720	388.539
12)	L3 AR-1232-2	4.247	3.778	54807855	69060274	997.673	1002.360
13)	L3 AR-1232-3	4.524	3.938	108.4E6	37493959	1038.002	1036.885
14)	L3 AR-1232-4	4.673	4.024	55690709	35685867	1049.628	1107.196
15)	L3 AR-1232-5	4.771	4.182	43325392	39344551	1148.835	1026.621
16)	L4 AR-1242-1	4.505	3.763	73774107	48142360	650.172	628.579
17)	L4 AR-1242-2	4.524	3.778	108.4E6	69060274	638.578	623.152
18)	L4 AR-1242-3	4.582	3.938	67032111	37493959	626.581	633.532
19)	L4 AR-1242-4	4.673	4.024	55690709	35685867	641.671	595.901
20)	L4 AR-1242-5	5.389	4.518	6309373	31979907	71.141	399.400 #
21)	L5 AR-1248-1	4.505	3.763	73774107	48142360	818.766	773.551
22)	L5 AR-1248-2	4.771	3.987	43325392	32023421	340.808	331.313
23)	L5 AR-1248-3	4.961	4.024	53873518	35685867	349.736	390.380
24)	L5 AR-1248-4	5.355	4.182	8260883	39344551	48.665	347.471 #
25)	L5 AR-1248-5	5.389	4.555	6309373	5084971	38.512	46.170
26)	L6 AR-1254-1	5.327	4.518	4200235	31979907	245.901	194.471
27)	L6 AR-1254-2	5.546	4.665	46754933	32172628	174.860	213.905
28)	L6 AR-1254-3	5.898	5.047	25234795	16467948	90.304	70.769
29)	L6 AR-1254-4	6.181	5.273	16715536	6618940	81.665	46.070 #
30)	L6 AR-1254-5	6.594	5.678	152.4E6	122.5E6	646.012	536.812
31)	L7 AR-1260-1	6.063	5.176	104.5E6	80394848	470.160	467.386
32)	L7 AR-1260-2	6.324	5.366	128.0E6	99018020	481.108	477.809
33)	L7 AR-1260-3	6.676	5.507	77783760	92760096	462.593	467.038
34)	L7 AR-1260-4	6.894	5.969	95175785	70047938	474.229	476.175
35)	L7 AR-1260-5	7.205	6.215	184.2E6	159.1E6	483.972	490.081
36)	L8 AR-1262-1	6.676	5.721	77783760	70120490	259.801	289.339
37)	L8 AR-1262-2	7.205	6.215	184.2E6	159.1E6	365.338	364.109
38)	L8 AR-1262-3	7.483	6.493	118.4E6	33173677	350.230	184.076 #
39)	L8 AR-1262-4	7.552	6.551	30389871	122.6E6	118.333	369.723 #
40)	L8 AR-1262-5	8.059	7.048	42555537	39272010	249.873	244.807
41)	L9 AR-1268-1	7.483	6.493	118.4E6	33173677	214.904	67.523 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 19:19
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

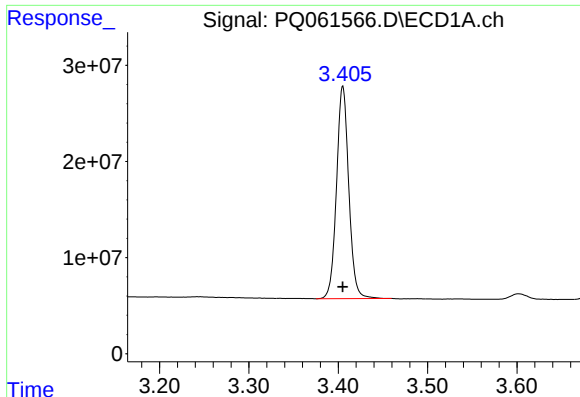
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:31:14 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	7.552	6.551	30389871	122.6E6	61.676	275.599 #
43) L9	AR-1268-3	7.737	6.757	3229350	3518815	7.832	8.988
44) L9	AR-1268-4	8.059	7.048	42555537	39272010	240.416	233.930
45) L9	AR-1268-5	8.350	7.316	13870943	14484682	11.670	11.681

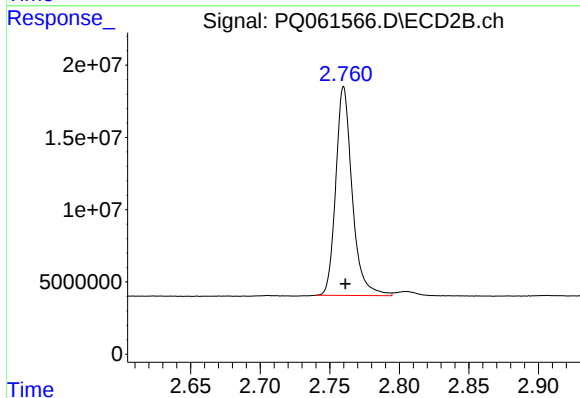
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

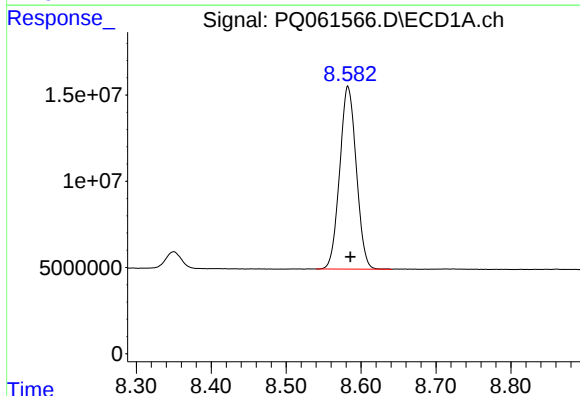
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 211013649
Conc: 46.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



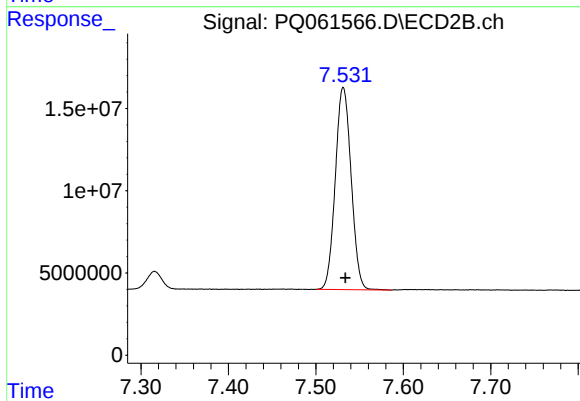
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 118785574
Conc: 44.48 ng/ml



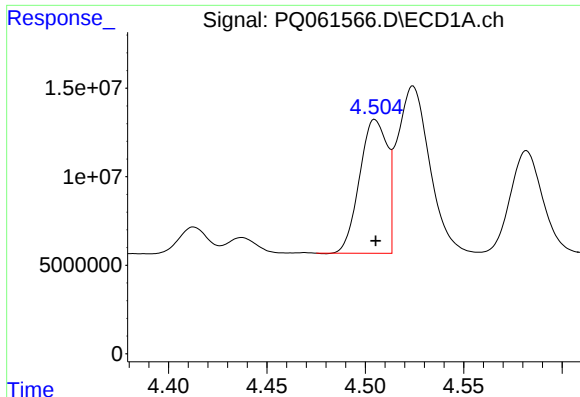
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.003 min
Response: 162899115
Conc: 48.36 ng/ml



#2 Decachlorobiphenyl

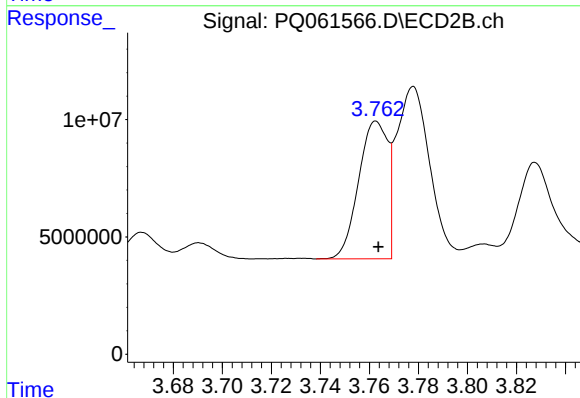
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 154646344
Conc: 46.07 ng/ml



#3 AR-1016-1

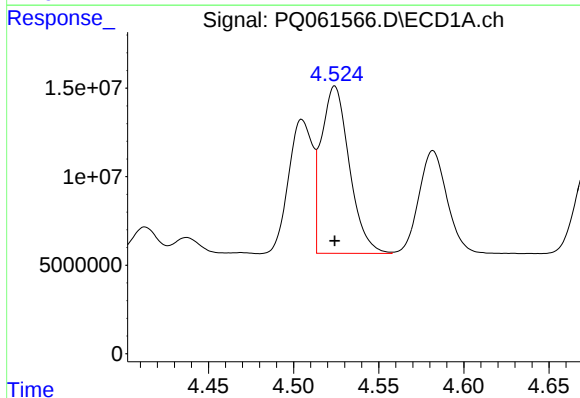
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 73774107
Conc: 479.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



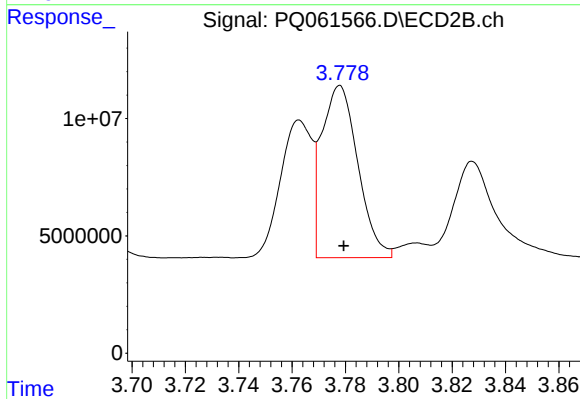
#3 AR-1016-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 48142360
Conc: 466.76 ng/ml



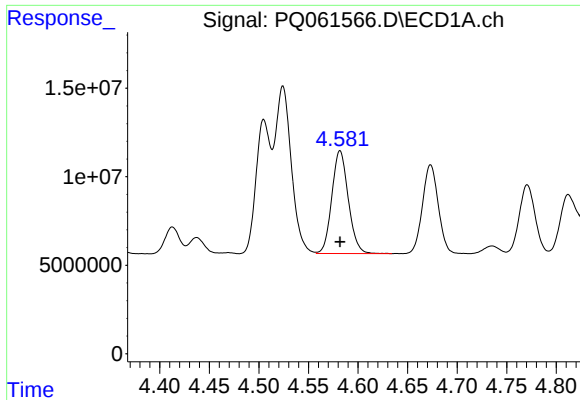
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108429507
Conc: 475.22 ng/ml



#4 AR-1016-2

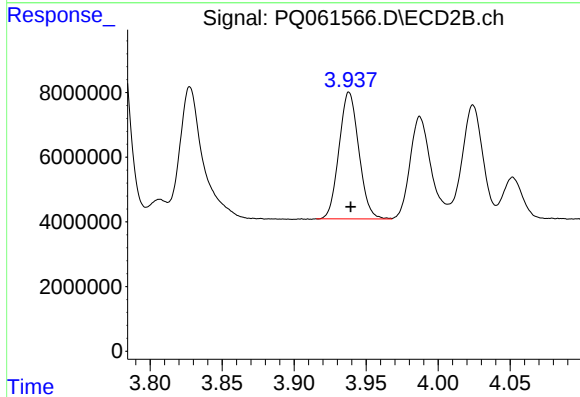
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 69060274
Conc: 463.54 ng/ml



#5 AR-1016-3

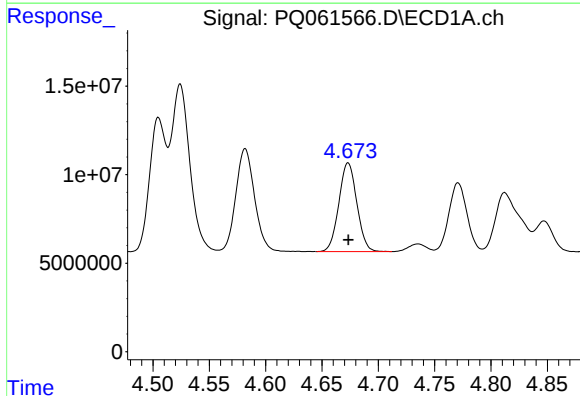
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 67032111
Conc: 471.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



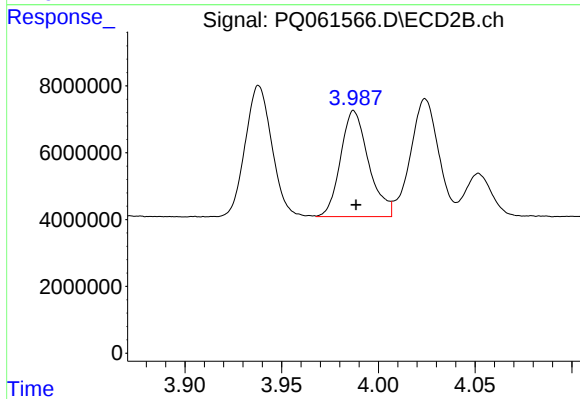
#5 AR-1016-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 37493959
Conc: 474.45 ng/ml



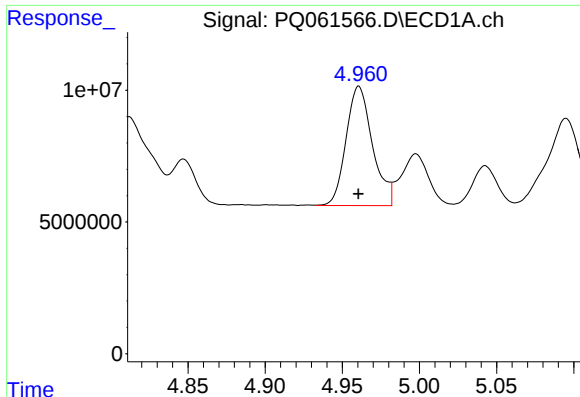
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 55690709
Conc: 483.69 ng/ml



#6 AR-1016-4

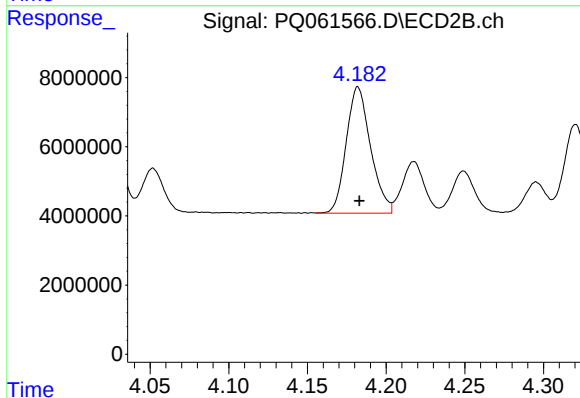
R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 32023421
Conc: 450.99 ng/ml



#7 AR-1016-5

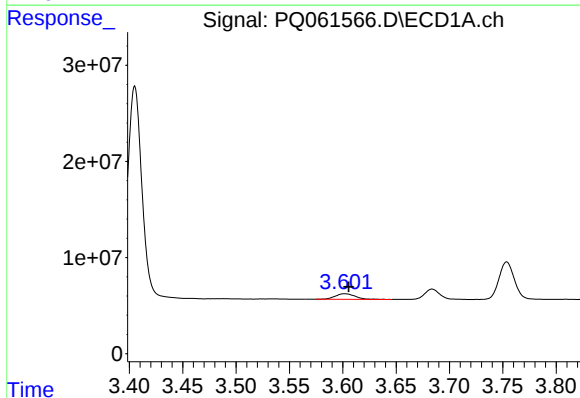
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53873518
Conc: 466.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



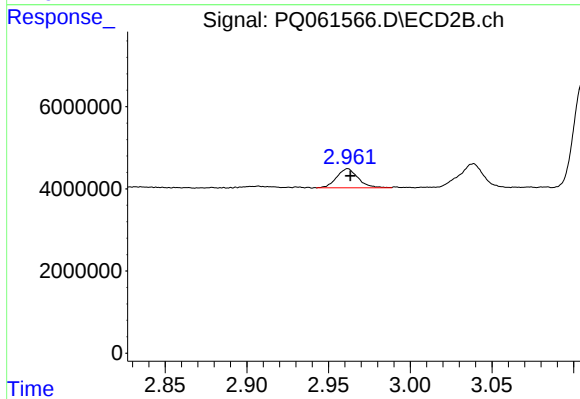
#7 AR-1016-5

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 39344551
Conc: 459.56 ng/ml



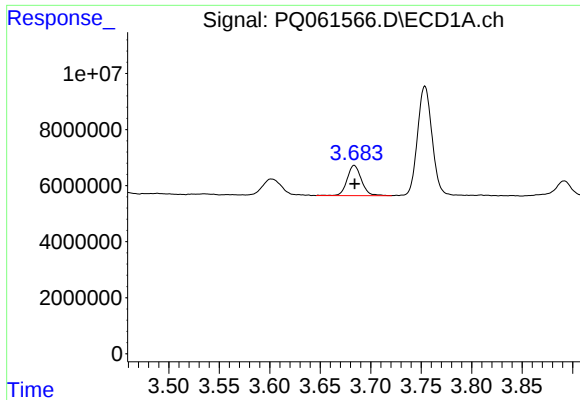
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.004 min
Response: 7551479
Conc: 134.58 ng/ml



#8 AR-1221-1

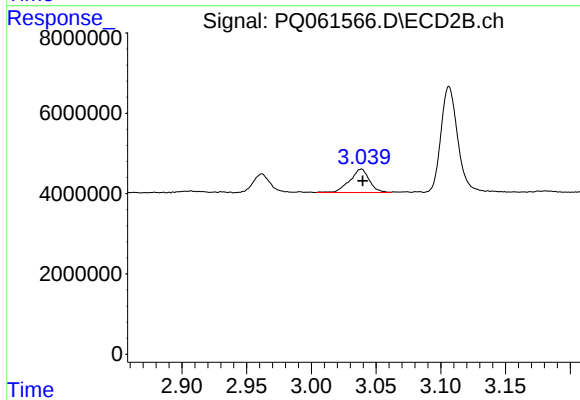
R.T.: 2.962 min
Delta R.T.: -0.001 min
Response: 4230785
Conc: 118.82 ng/ml



#9 AR-1221-2

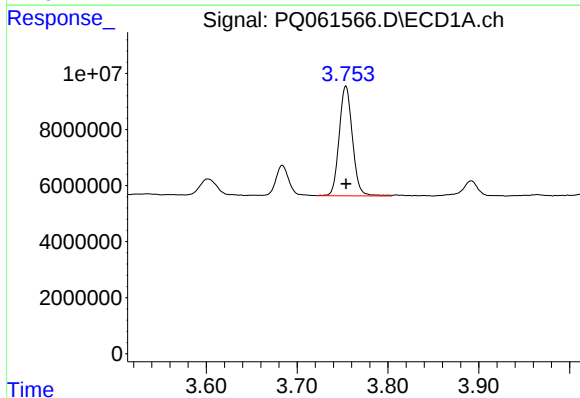
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 10682949
Conc: 253.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



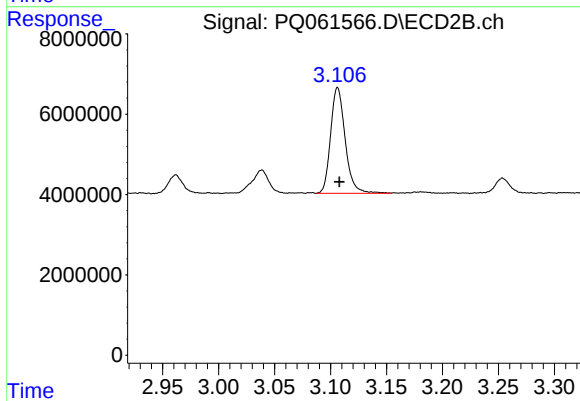
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.000 min
Response: 6129304
Conc: 222.54 ng/ml



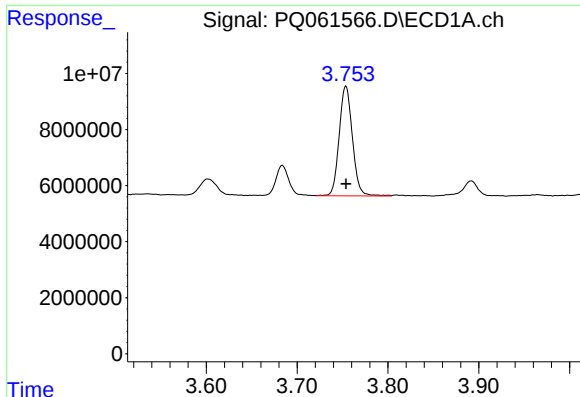
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 39642474
Conc: 302.43 ng/ml



#10 AR-1221-3

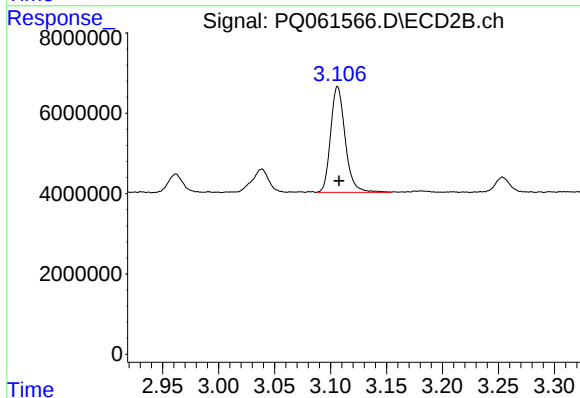
R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 23927313
Conc: 282.36 ng/ml



#11 AR-1232-1

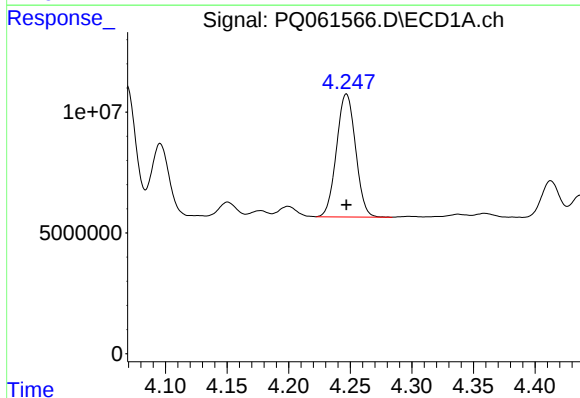
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 39642474
Conc: 414.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



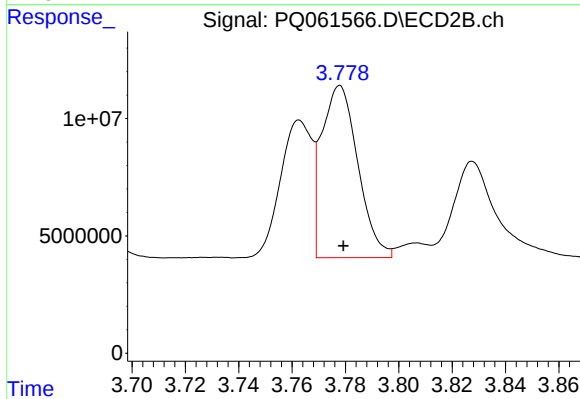
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 23927313
Conc: 388.54 ng/ml



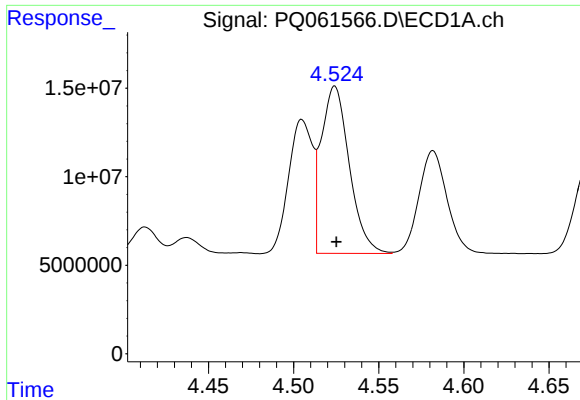
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 54807855
Conc: 997.67 ng/ml



#12 AR-1232-2

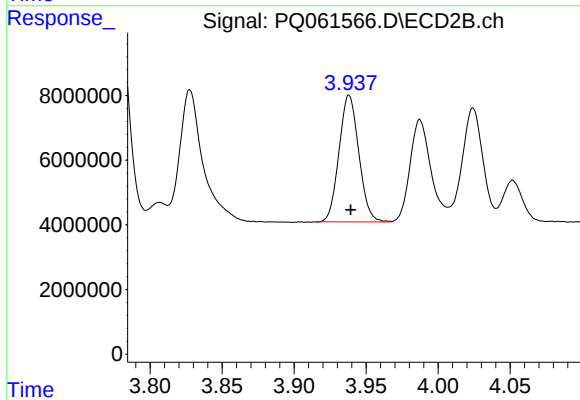
R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 69060274
Conc: 1002.36 ng/ml



#13 AR-1232-3

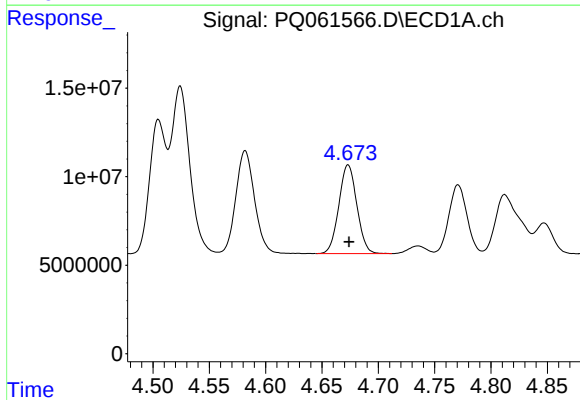
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108429507
Conc: 1038.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



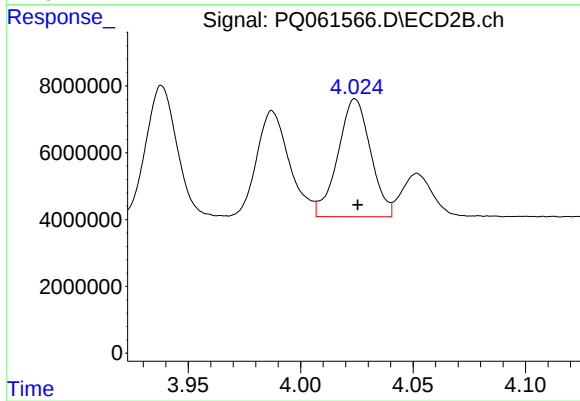
#13 AR-1232-3

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 37493959
Conc: 1036.88 ng/ml



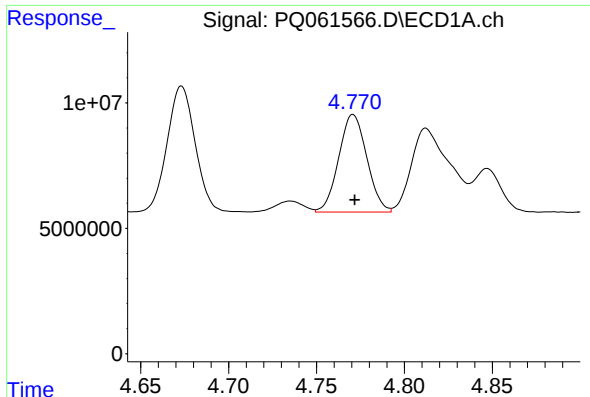
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 55690709
Conc: 1049.63 ng/ml



#14 AR-1232-4

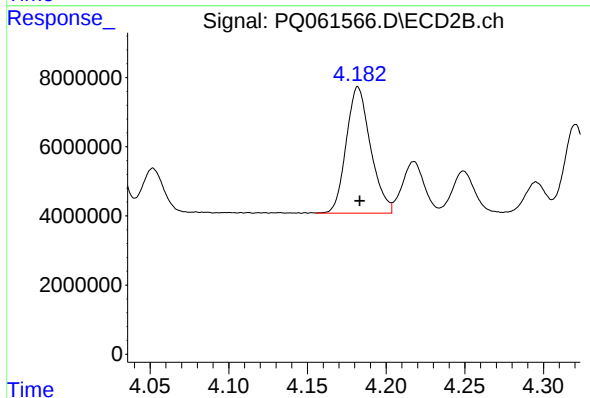
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 35685867
Conc: 1107.20 ng/ml



#15 AR-1232-5

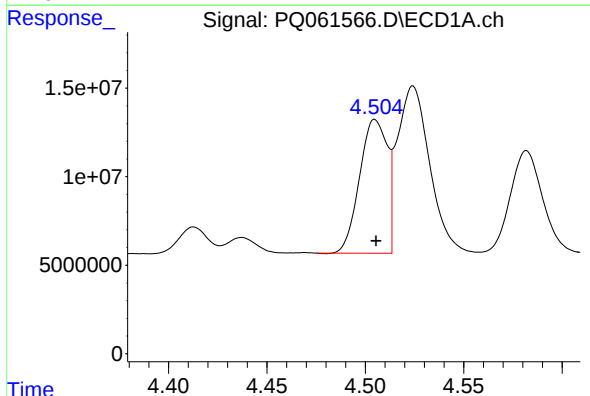
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 43325392
Conc: 1148.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



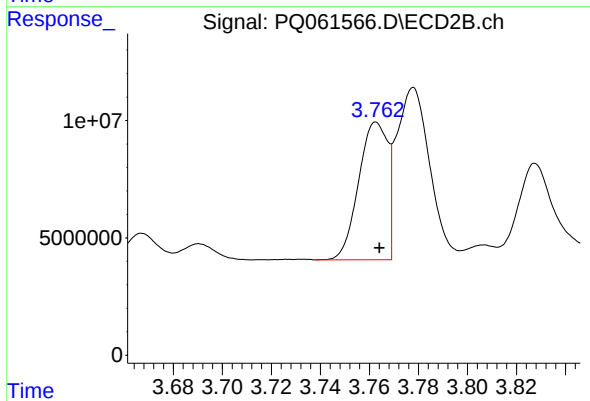
#15 AR-1232-5

R.T.: 4.182 min
Delta R.T.: -0.001 min
Response: 39344551
Conc: 1026.62 ng/ml



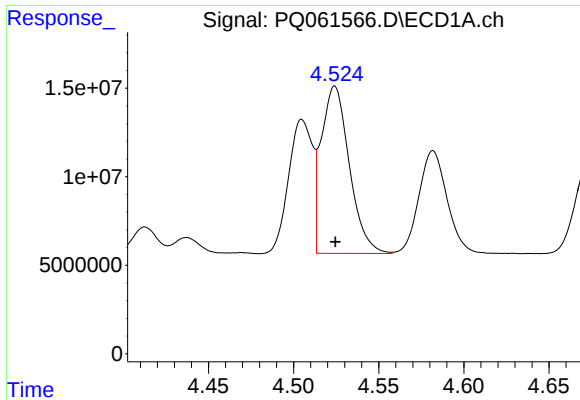
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 73774107
Conc: 650.17 ng/ml



#16 AR-1242-1

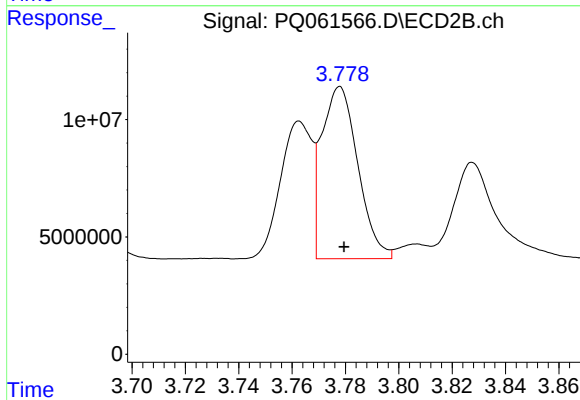
R.T.: 3.763 min
Delta R.T.: -0.001 min
Response: 48142360
Conc: 628.58 ng/ml



#17 AR-1242-2

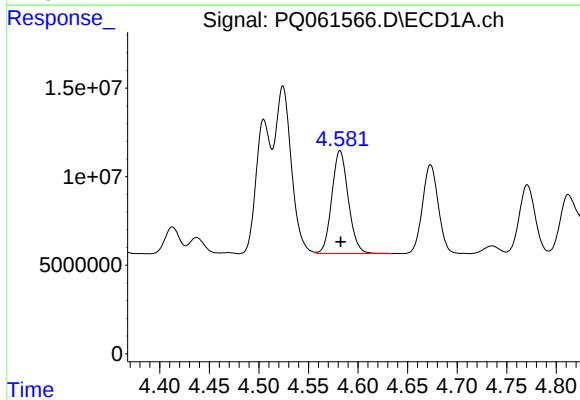
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 108429507
Conc: 638.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



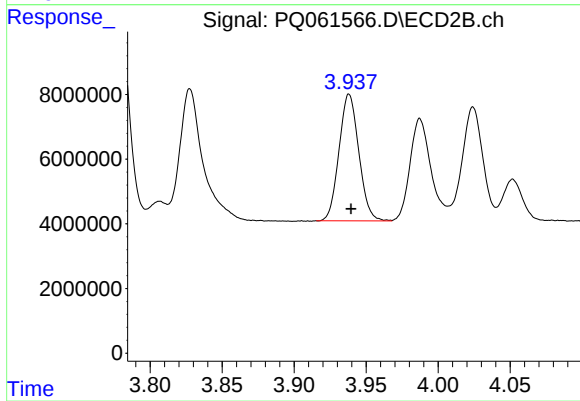
#17 AR-1242-2

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 69060274
Conc: 623.15 ng/ml



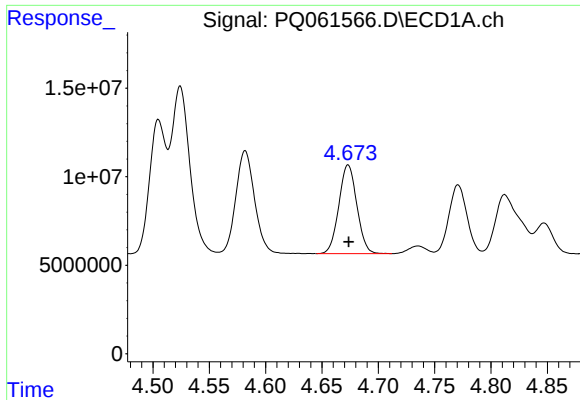
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 67032111
Conc: 626.58 ng/ml



#18 AR-1242-3

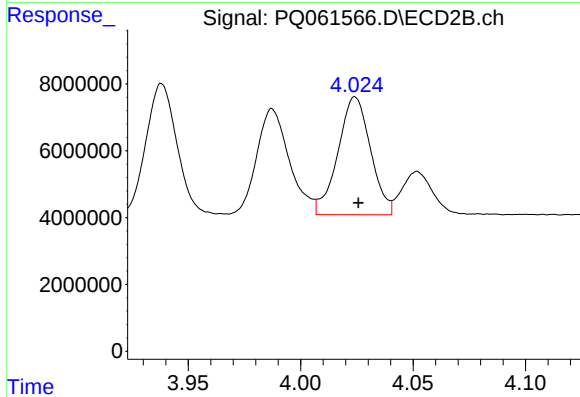
R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 37493959
Conc: 633.53 ng/ml



#19 AR-1242-4

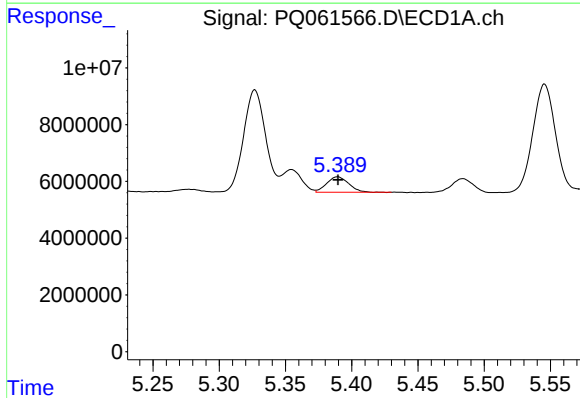
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 55690709
Conc: 641.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



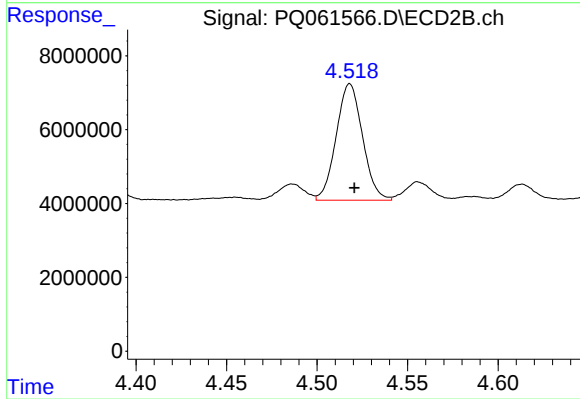
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 35685867
Conc: 595.90 ng/ml



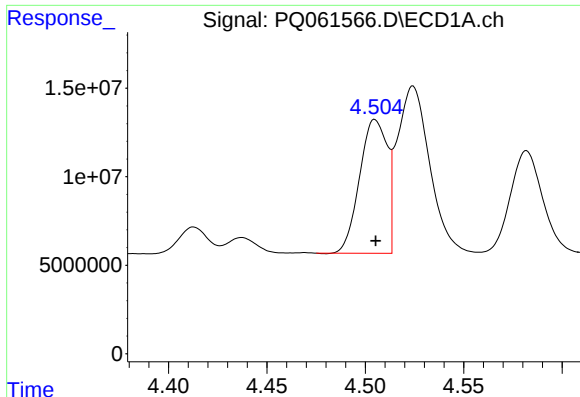
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 6309373
Conc: 71.14 ng/ml



#20 AR-1242-5

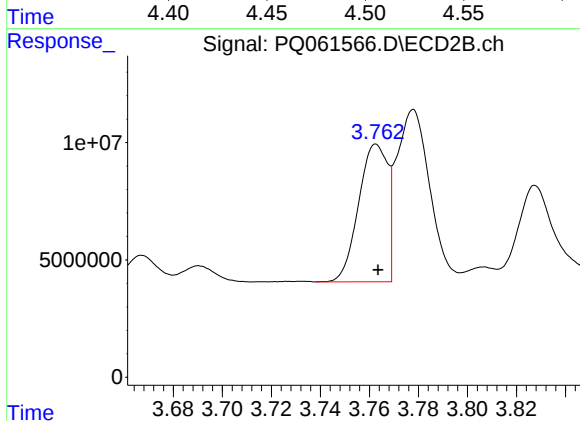
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 31979907
Conc: 399.40 ng/ml



#21 AR-1248-1

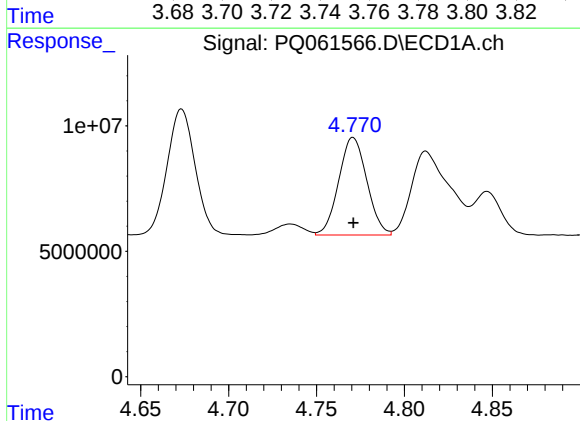
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 73774107
Conc: 818.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



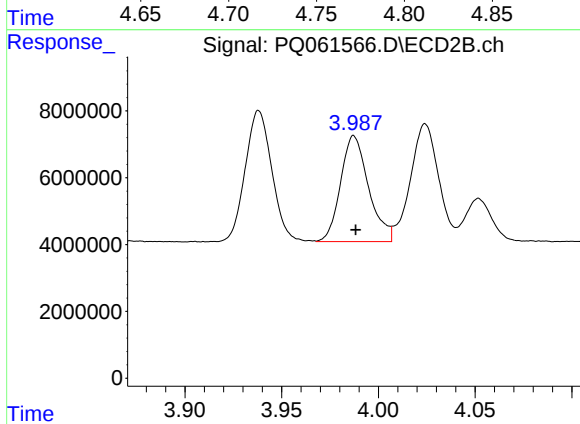
#21 AR-1248-1

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 48142360
Conc: 773.55 ng/ml



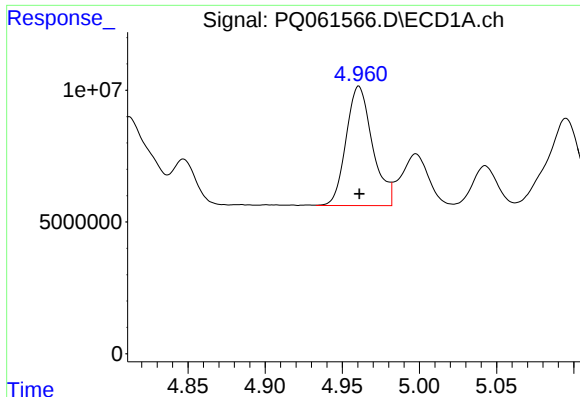
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 43325392
Conc: 340.81 ng/ml



#22 AR-1248-2

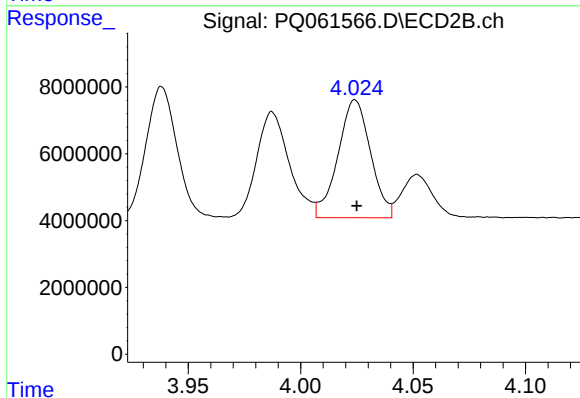
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 32023421
Conc: 331.31 ng/ml



#23 AR-1248-3

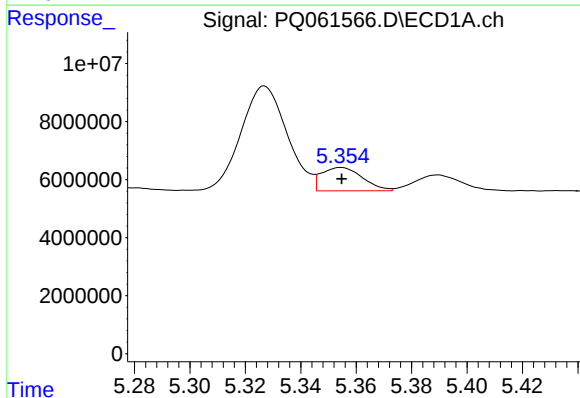
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53873518
Conc: 349.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



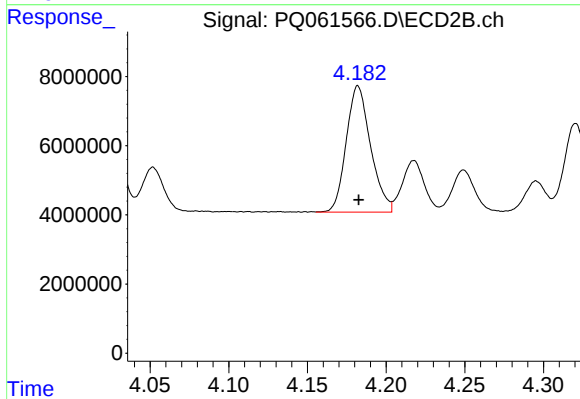
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 35685867
Conc: 390.38 ng/ml



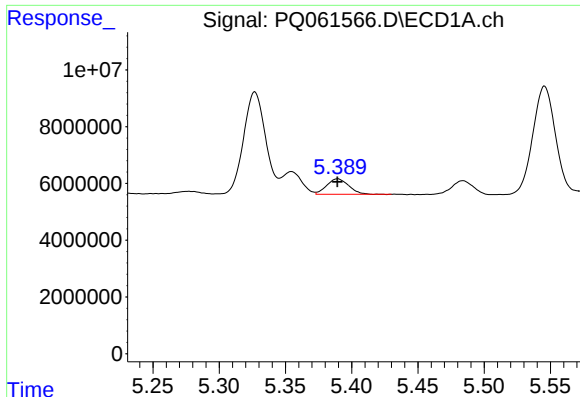
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 8260883
Conc: 48.67 ng/ml



#24 AR-1248-4

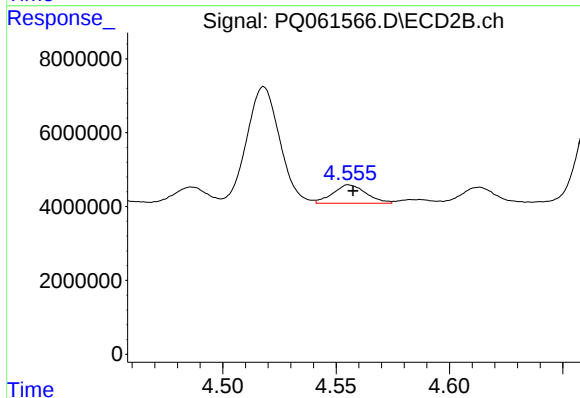
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 39344551
Conc: 347.47 ng/ml



#25 AR-1248-5

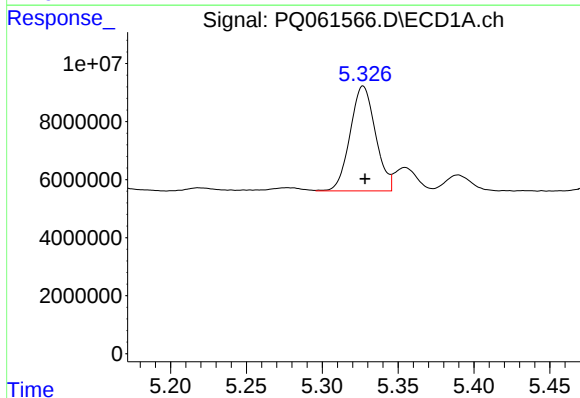
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 6309373
Conc: 38.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



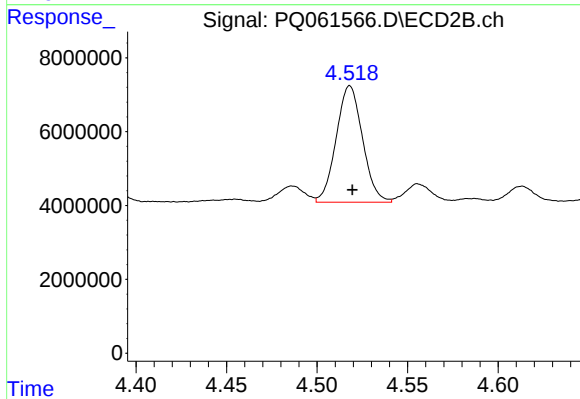
#25 AR-1248-5

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 5084971
Conc: 46.17 ng/ml



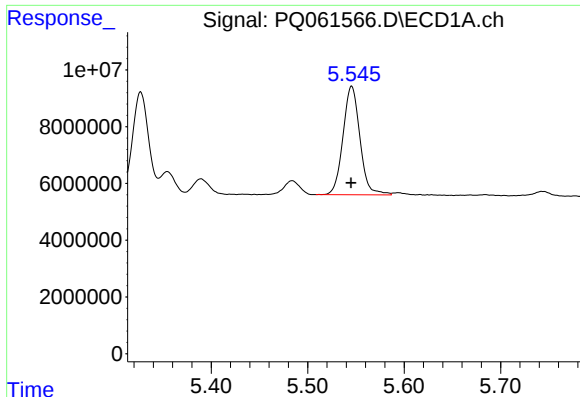
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 42000235
Conc: 245.90 ng/ml



#26 AR-1254-1

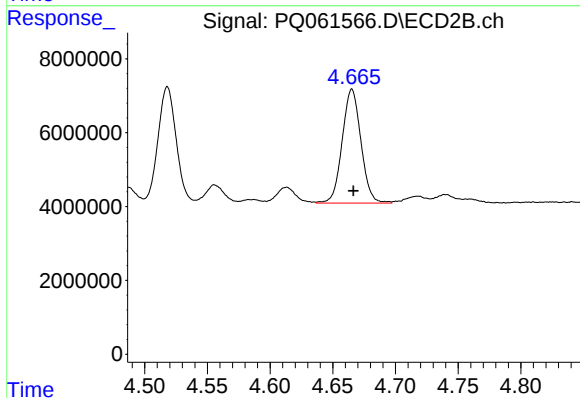
R.T.: 4.518 min
Delta R.T.: -0.001 min
Response: 31979907
Conc: 194.47 ng/ml



#27 AR-1254-2

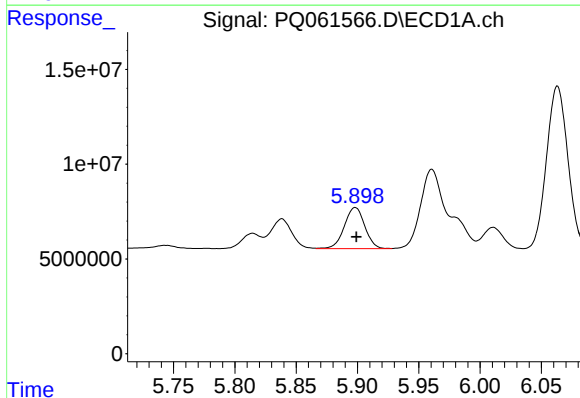
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 46754933
Conc: 174.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



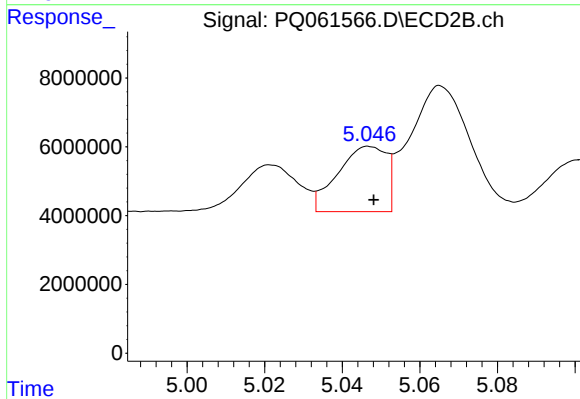
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 32172628
Conc: 213.91 ng/ml



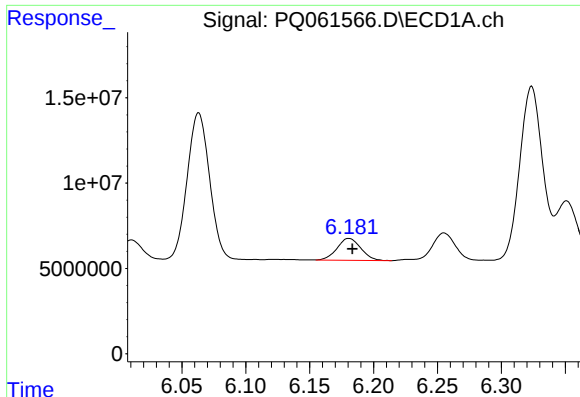
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 25234795
Conc: 90.30 ng/ml



#28 AR-1254-3

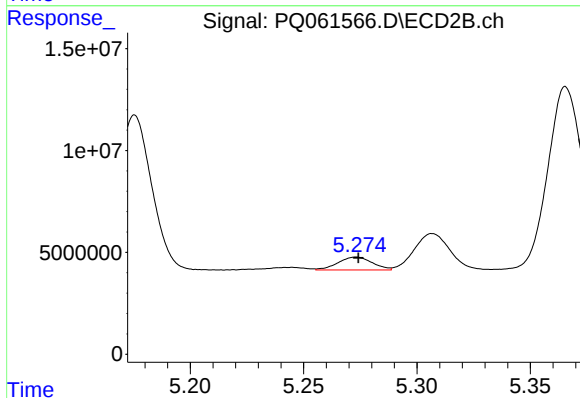
R.T.: 5.047 min
Delta R.T.: -0.001 min
Response: 16467948
Conc: 70.77 ng/ml



#29 AR-1254-4

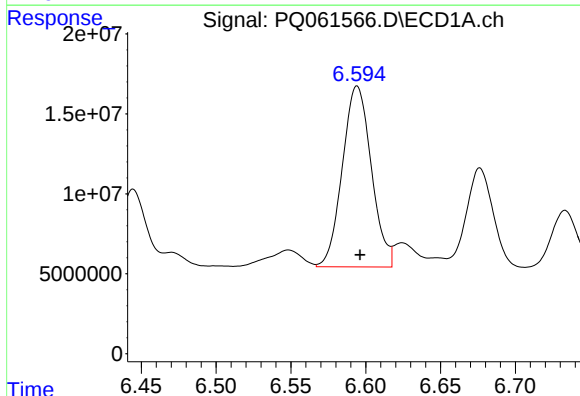
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 16715536
Conc: 81.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



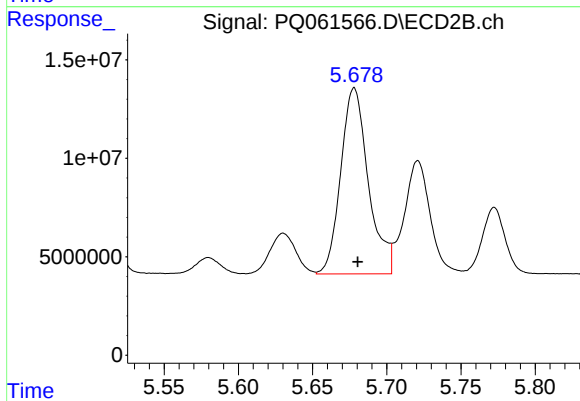
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 6618940
Conc: 46.07 ng/ml



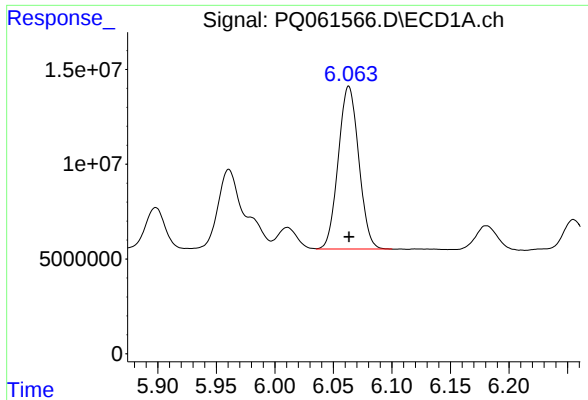
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 152383547
Conc: 646.01 ng/ml



#30 AR-1254-5

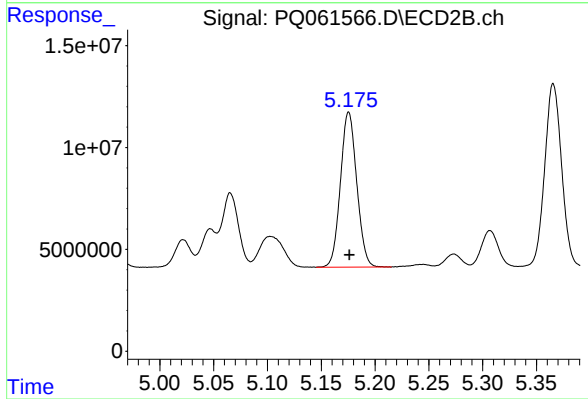
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 122452316
Conc: 536.81 ng/ml



#31 AR-1260-1

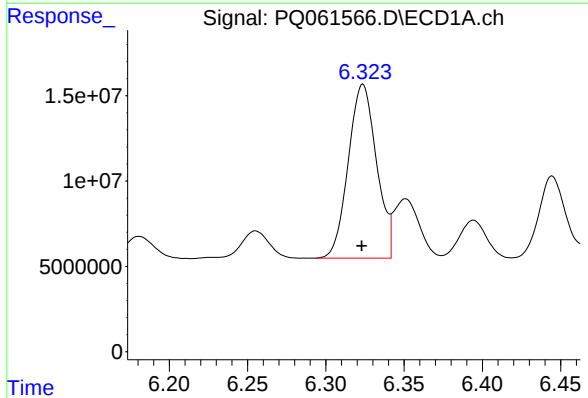
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 104456766
Conc: 470.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



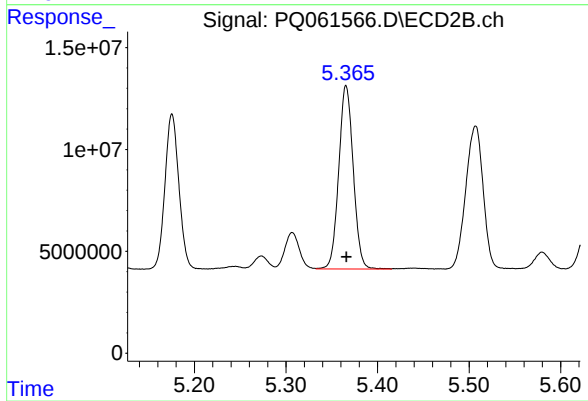
#31 AR-1260-1

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 80394848
Conc: 467.39 ng/ml



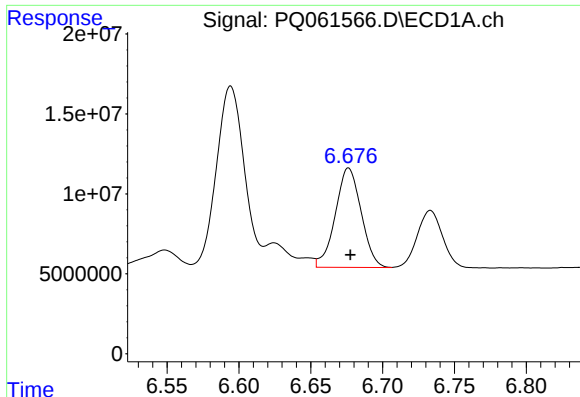
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 127995588
Conc: 481.11 ng/ml



#32 AR-1260-2

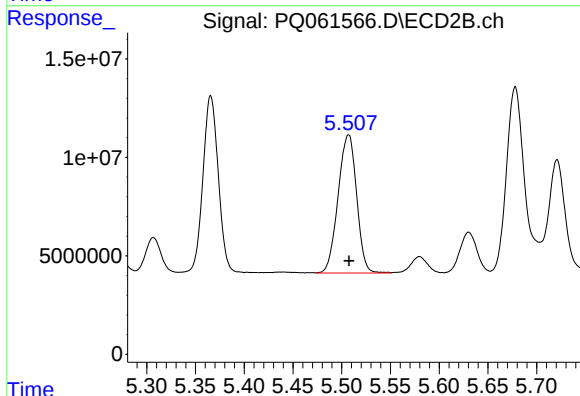
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 99018020
Conc: 477.81 ng/ml



#33 AR-1260-3

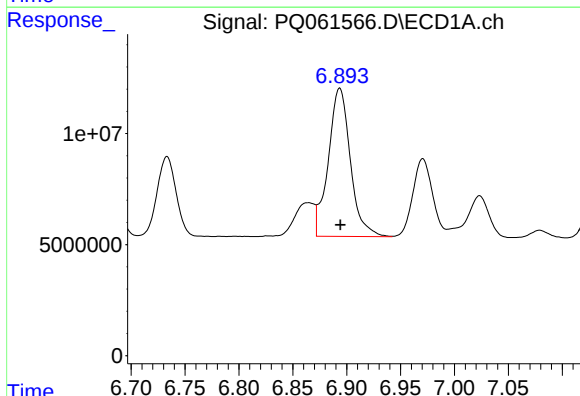
R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 77783760
Conc: 462.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



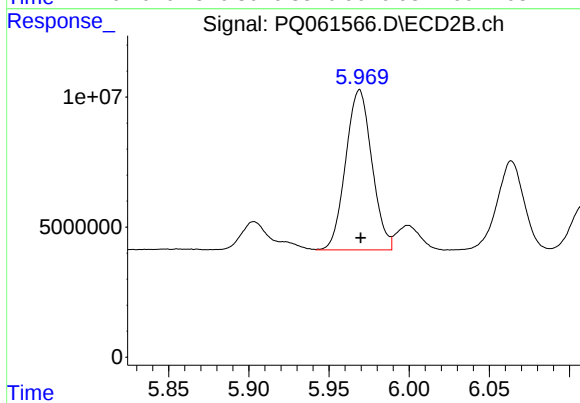
#33 AR-1260-3

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 92760096
Conc: 467.04 ng/ml



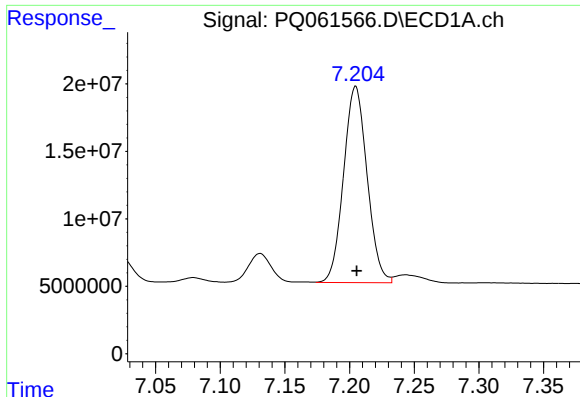
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 95175785
Conc: 474.23 ng/ml



#34 AR-1260-4

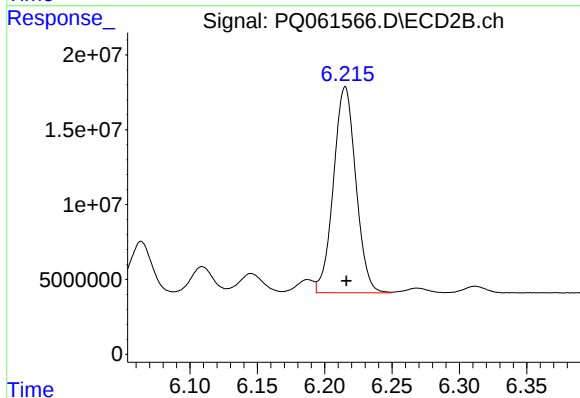
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 70047938
Conc: 476.17 ng/ml



#35 AR-1260-5

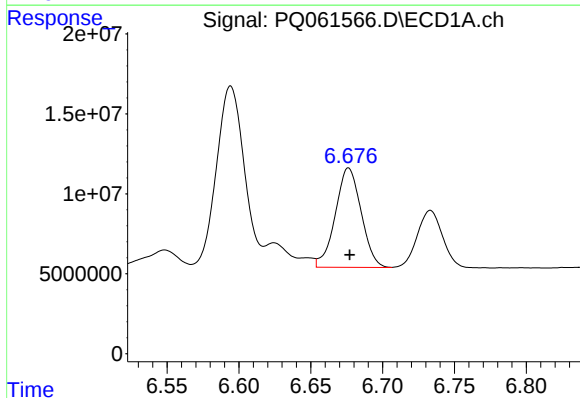
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 184196440
Conc: 483.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



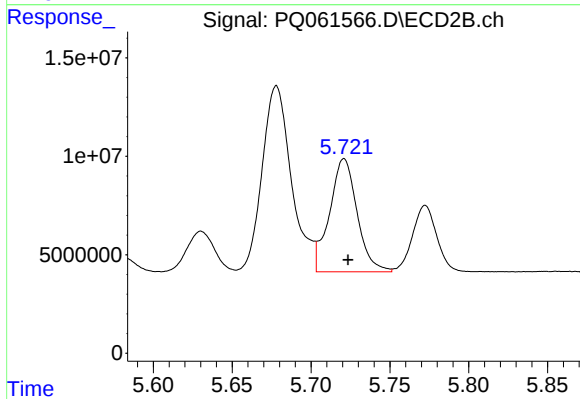
#35 AR-1260-5

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 159134133
Conc: 490.08 ng/ml



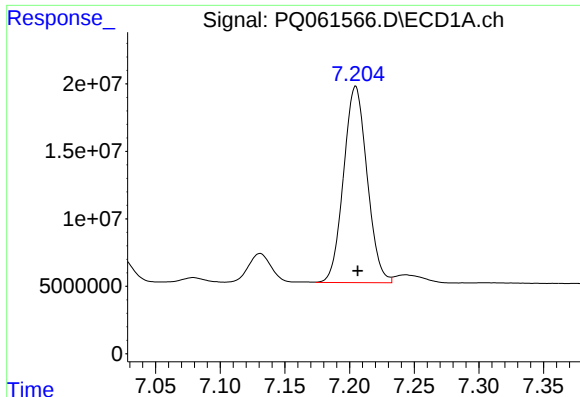
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 77783760
Conc: 259.80 ng/ml



#36 AR-1262-1

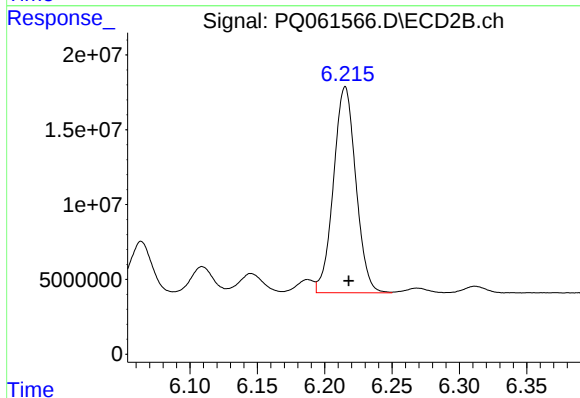
R.T.: 5.721 min
Delta R.T.: -0.003 min
Response: 70120490
Conc: 289.34 ng/ml



#37 AR-1262-2

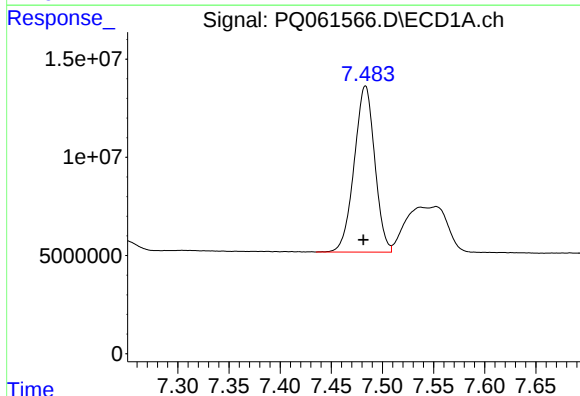
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 184196440
Conc: 365.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



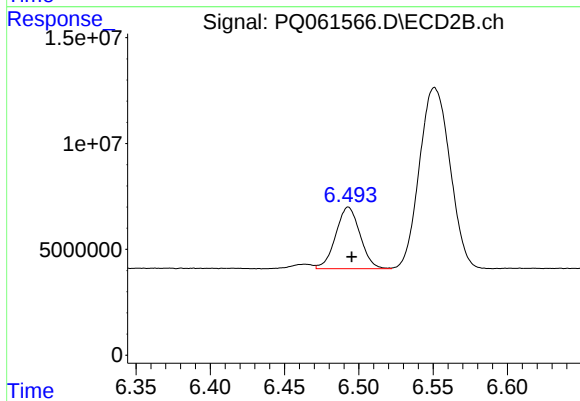
#37 AR-1262-2

R.T.: 6.215 min
Delta R.T.: -0.003 min
Response: 159134133
Conc: 364.11 ng/ml



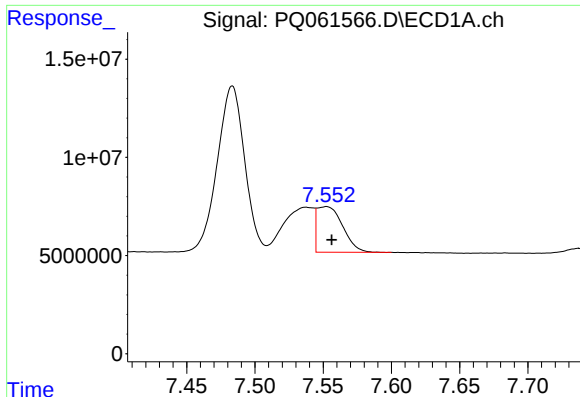
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.002 min
Response: 118359270
Conc: 350.23 ng/ml



#38 AR-1262-3

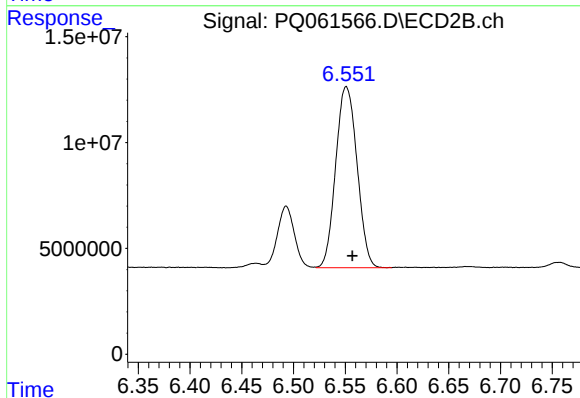
R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 33173677
Conc: 184.08 ng/ml



#39 AR-1262-4

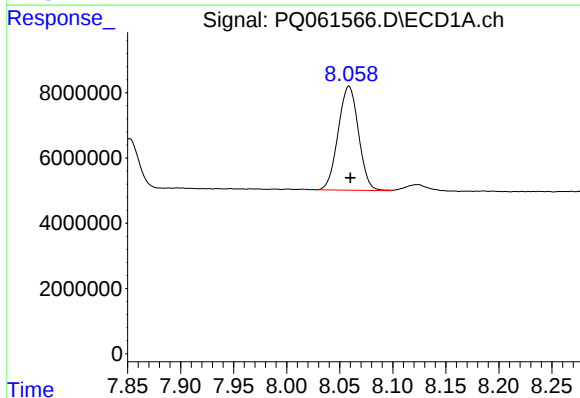
R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 30389871
Conc: 118.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



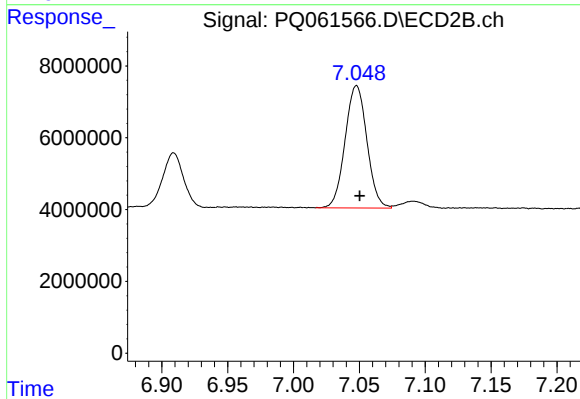
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: -0.006 min
Response: 122610467
Conc: 369.72 ng/ml



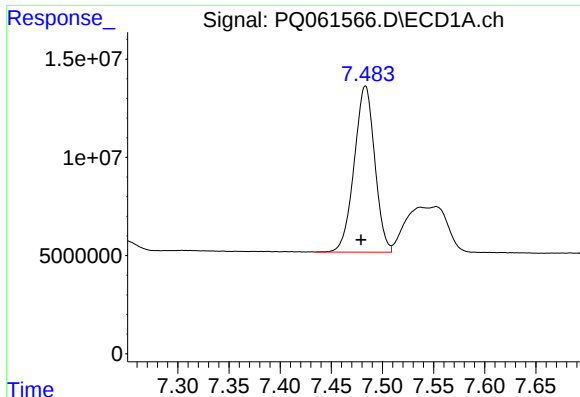
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.001 min
Response: 42555537
Conc: 249.87 ng/ml



#40 AR-1262-5

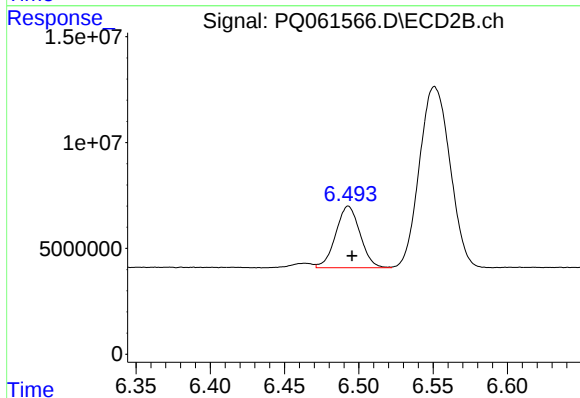
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 39272010
Conc: 244.81 ng/ml



#41 AR-1268-1

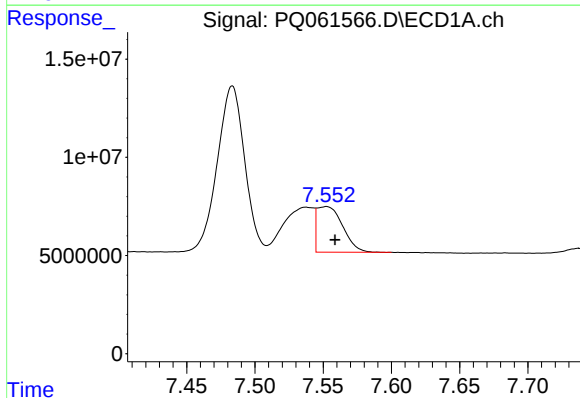
R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 118359270
Conc: 214.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



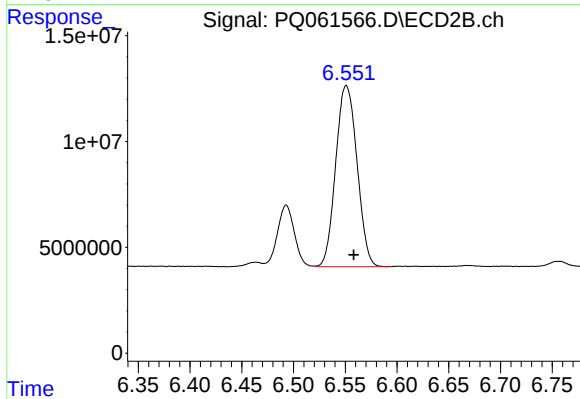
#41 AR-1268-1

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 33173677
Conc: 67.52 ng/ml



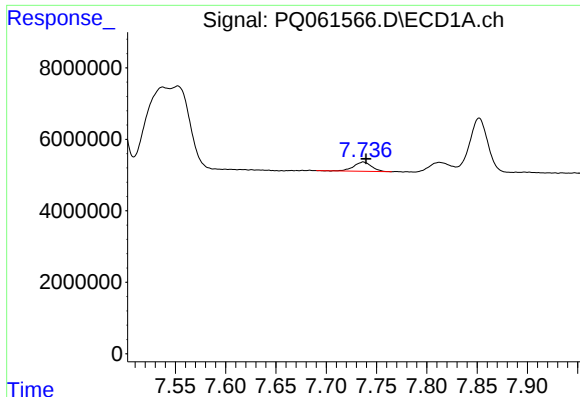
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.006 min
Response: 30389871
Conc: 61.68 ng/ml



#42 AR-1268-2

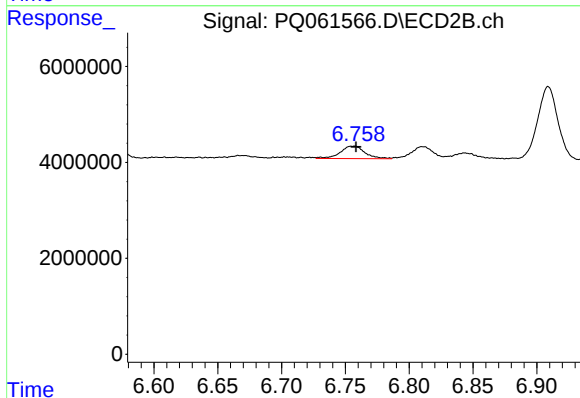
R.T.: 6.551 min
Delta R.T.: -0.007 min
Response: 122610467
Conc: 275.60 ng/ml



#43 AR-1268-3

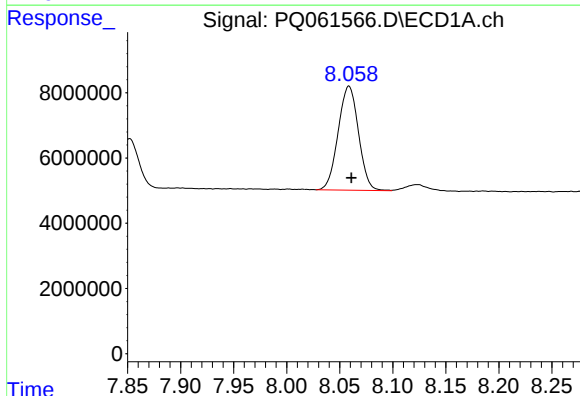
R.T.: 7.737 min
Delta R.T.: -0.003 min
Response: 3229350
Conc: 7.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



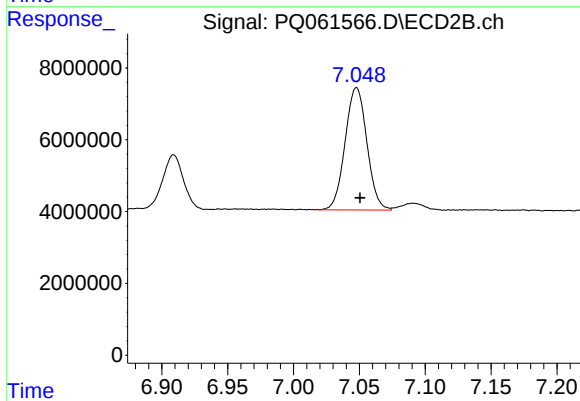
#43 AR-1268-3

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 3518815
Conc: 8.99 ng/ml



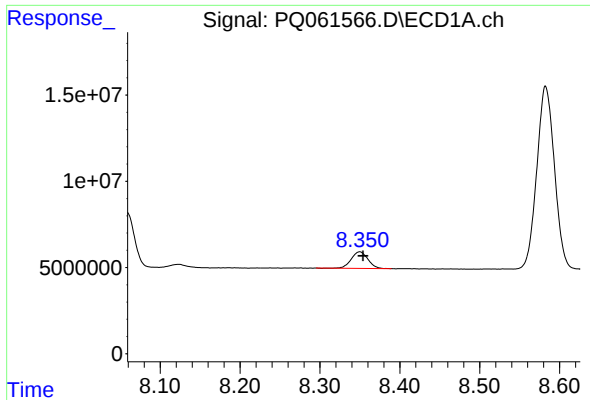
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 4255537
Conc: 240.42 ng/ml



#44 AR-1268-4

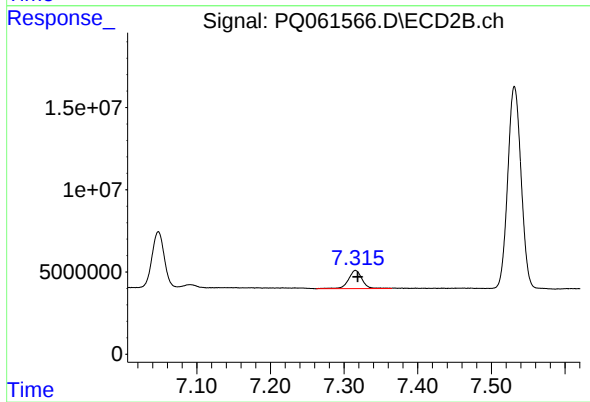
R.T.: 7.048 min
Delta R.T.: -0.003 min
Response: 39272010
Conc: 233.93 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 13870943
Conc: 11.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 14484682
Conc: 11.68 ng/ml