

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071323\
 Data File : PQ062184.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 11:18
 Operator : YP\AJ
 Sample : 03566-28DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 22:49:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.404	2.758	8900343	4620743	1.825	1.842
2)	SA Decachlor...	8.586	7.528	66508081	61685907	18.308	18.512
Target Compounds							
3)	L1 AR-1016-1	4.503	3.758	-231317	2041306	N.D.	20.624 #
4)	L1 AR-1016-2	4.526	3.787	637758	102025	2.579	0.708 #
5)	L1 AR-1016-3	4.585	3.936	1063320	711947	6.977	9.437 #
6)	L1 AR-1016-4	4.672	3.984	1261823	7821427	10.067	119.085 #
7)	L1 AR-1016-5	4.960	4.178	9674950	6296355	79.487	76.802
8)	L2 AR-1221-1	3.612	2.946	291697	137512	4.853	4.167
9)	L2 AR-1221-2	3.681	3.045	145795	48895	3.245	1.925 #
10)	L2 AR-1221-3	3.742	3.096	1088415	64962	7.746	0.843 #
11)	L3 AR-1232-1	3.742	3.096	1088415	64962	10.307	1.134 #
12)	L3 AR-1232-2	4.240	3.787	1536412	102025	25.974	1.533 #
13)	L3 AR-1232-3	4.526	3.936	637758	711947	5.640	20.603 #
14)	L3 AR-1232-4	4.672	4.020	1261823	4231955	22.268	142.299 #
15)	L3 AR-1232-5	4.770	4.178	12235809	6296355	305.513	176.562 #
16)	L4 AR-1242-1	4.503	3.758	-231317	2041306	N.D.	26.394 #
17)	L4 AR-1242-2	4.526	3.787	637758	102025	3.285	0.918 #
18)	L4 AR-1242-3	4.585	3.936	1063320	711947	8.799	12.154 #
19)	L4 AR-1242-4	4.672	4.020	1261823	4231955	12.944	72.183 #
20)	L4 AR-1242-5	5.390	4.514	18996051	31285567	198.434	377.423 #
21)	L5 AR-1248-1	4.503	3.758	-231317	2041306	N.D.	32.650 #
22)	L5 AR-1248-2	4.770	3.984	12235809	7821427	85.171	83.412
23)	L5 AR-1248-3	4.960	4.020	9674950	4231955	55.695	46.739
24)	L5 AR-1248-4	5.354	4.178	22551749	6296355	117.500	55.799 #
25)	L5 AR-1248-5	5.390	4.553	18996051	9516801	104.880	84.947
26)	L6 AR-1254-1	5.326	4.514	31926210	31285567	171.811	193.763
27)	L6 AR-1254-2	5.543	4.661	56814751	30936264	195.432	210.130
28)	L6 AR-1254-3	5.897	5.042	69536881	56724110	226.401	242.721
29)	L6 AR-1254-4	6.182	5.269	55524588	39739715	239.131	260.735
30)	L6 AR-1254-5	6.595	5.674	68998120	51883929	268.611	224.804
31)	L7 AR-1260-1	6.062	5.172	29896448	32170117	126.717	193.152 #
32)	L7 AR-1260-2	6.322	5.362	37661879	31355227	130.403	150.785
33)	L7 AR-1260-3	6.676	5.500	81061715	29767997	459.074	153.003 #
34)	L7 AR-1260-4	6.870	5.964	24501826	74512118	116.315	510.841 #
35)	L7 AR-1260-5	7.205	6.211	51741288	44836074	126.011	135.024
36)	L8 AR-1262-1	6.676	5.717	81061715	66298850	265.827	285.191
37)	L8 AR-1262-2	7.205	5.964	51741288	74512118	98.234	344.633 #
38)	L8 AR-1262-3	7.479	6.489	305.4E6	239.8E6	866.790	1375.462 #
39)	L8 AR-1262-4	7.557	6.552	288.0E6	250.1E6	1079.602	776.027 #
40)	L8 AR-1262-5	8.060	7.045	81462588	74726945	458.921	481.752
41)	L9 AR-1268-1	7.479	6.489	305.4E6	239.8E6	538.122	509.590

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 Acq On : 13 Jul 2023 11:18
 Operator : YP\AJ
 Sample : 03566-28DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

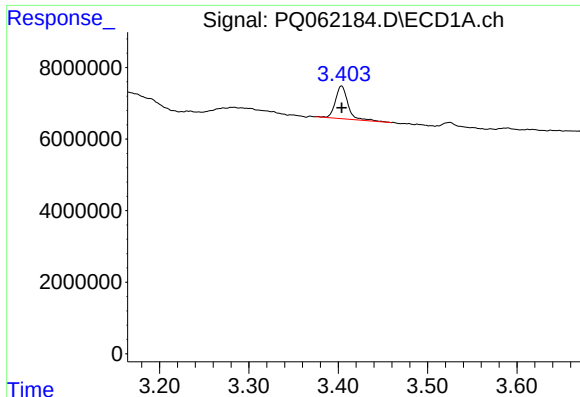
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 22:49:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.557	6.552	288.0E6	250.1E6	564.752	590.294
43) L9	AR-1268-3	7.737	6.751	162.5E6	148.8E6	380.753	403.907
44) L9	AR-1268-4	8.060	7.045	81462588	74726945	445.187	467.229
45) L9	AR-1268-5	8.353	7.312	440.9E6	421.4E6	349.744	361.122

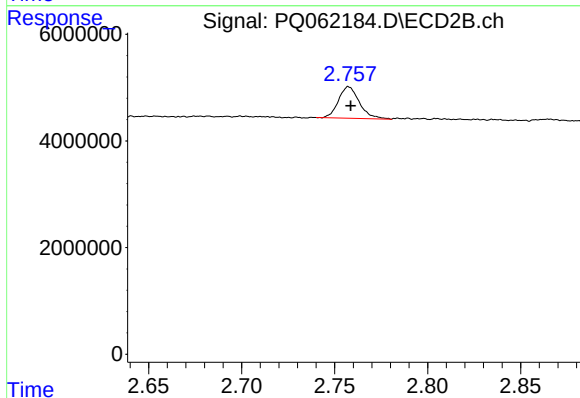
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

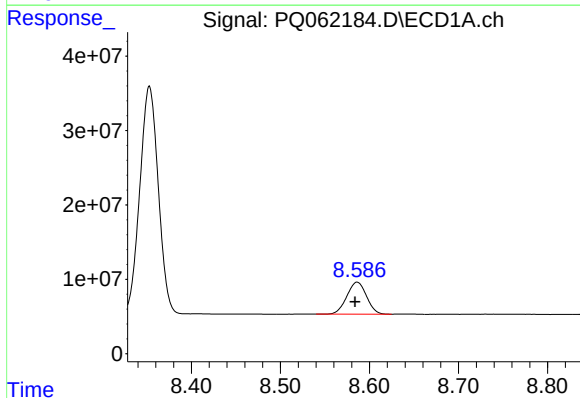
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 8900343
Conc: 1.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



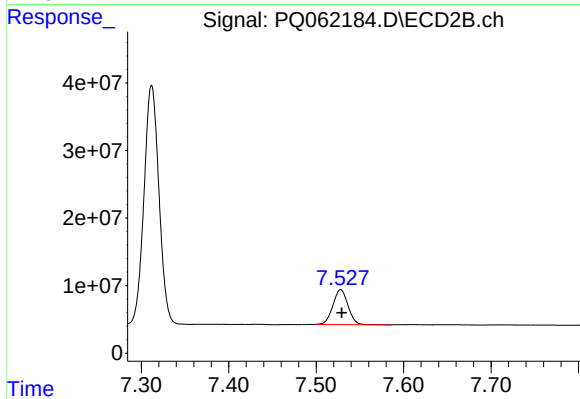
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: -0.001 min
Response: 4620743
Conc: 1.84 ng/ml



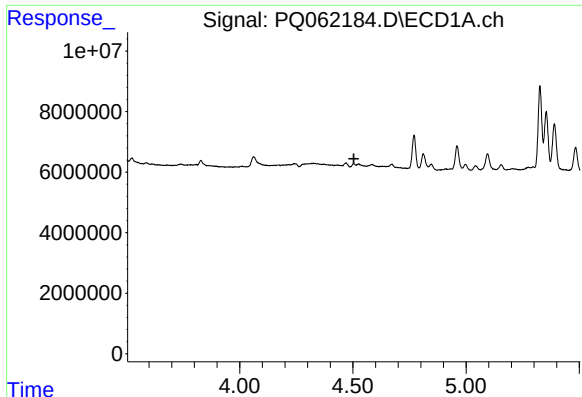
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.003 min
Response: 66508081
Conc: 18.31 ng/ml



#2 Decachlorobiphenyl

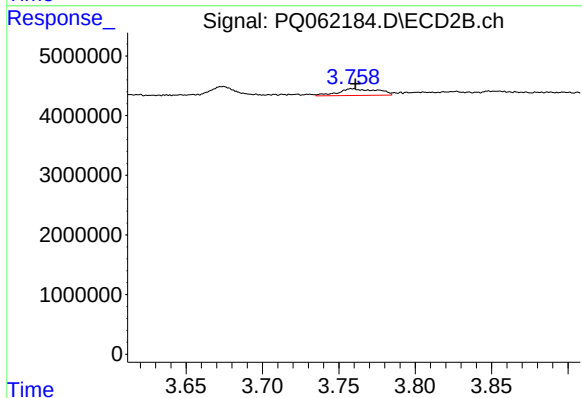
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 61685907
Conc: 18.51 ng/ml



#3 AR-1016-1

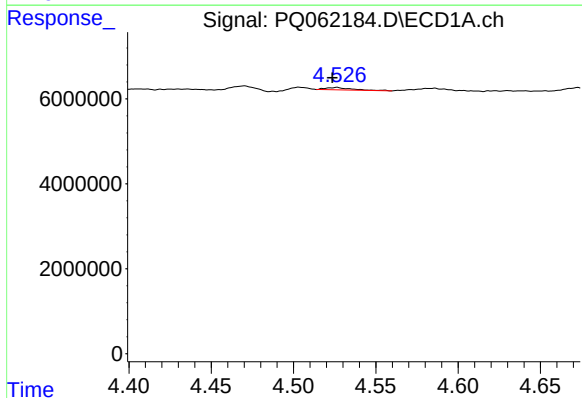
R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: -231317
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



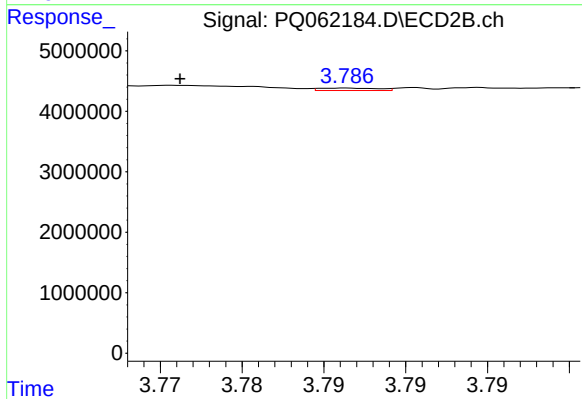
#3 AR-1016-1

R.T.: 3.758 min
Delta R.T.: -0.003 min
Response: 2041306
Conc: 20.62 ng/ml



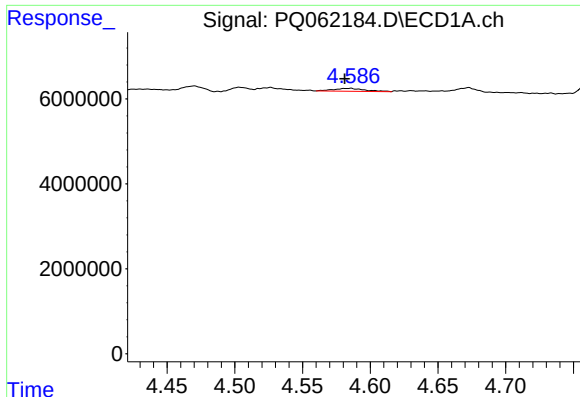
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 637758
Conc: 2.58 ng/ml



#4 AR-1016-2

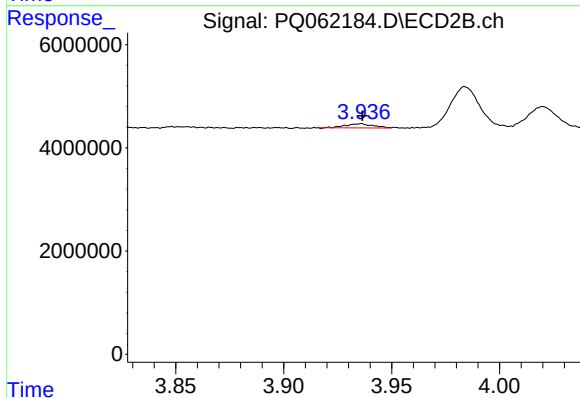
R.T.: 3.787 min
Delta R.T.: 0.010 min
Response: 102025
Conc: 0.71 ng/ml



#5 AR-1016-3

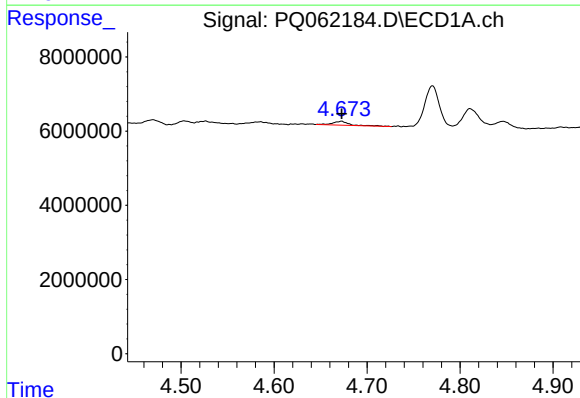
R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 1063320
Conc: 6.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



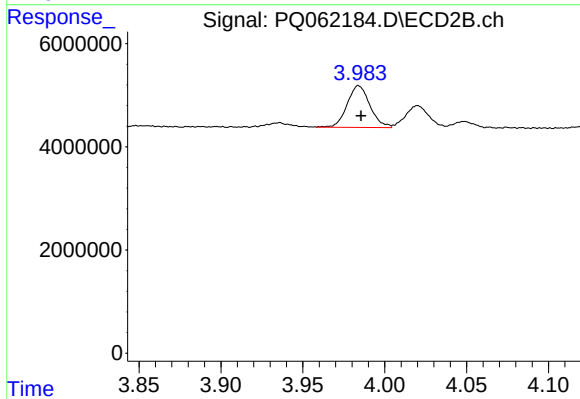
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 711947
Conc: 9.44 ng/ml



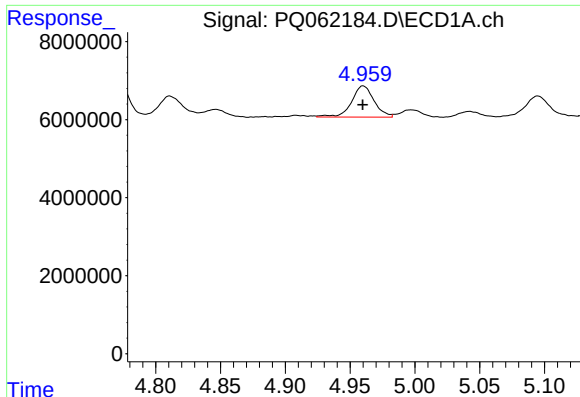
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1261823
Conc: 10.07 ng/ml



#6 AR-1016-4

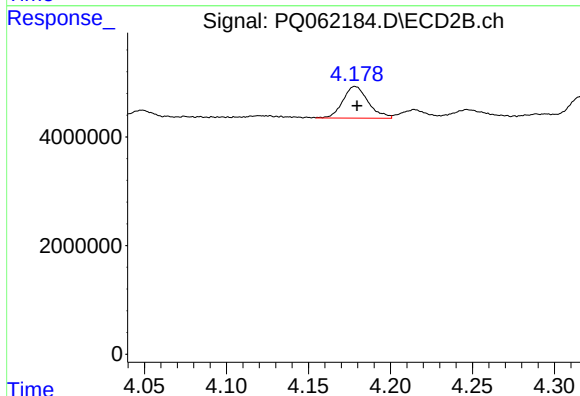
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 7821427
Conc: 119.09 ng/ml



#7 AR-1016-5

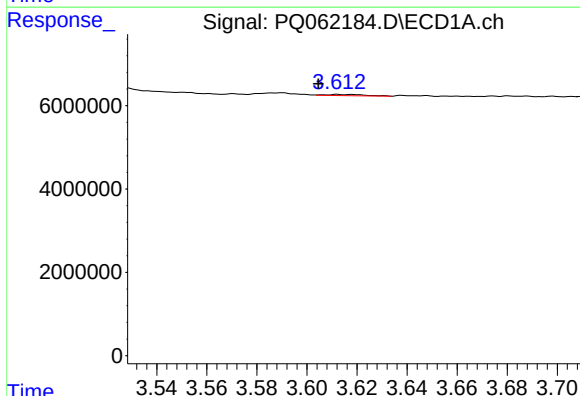
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 9674950
Conc: 79.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



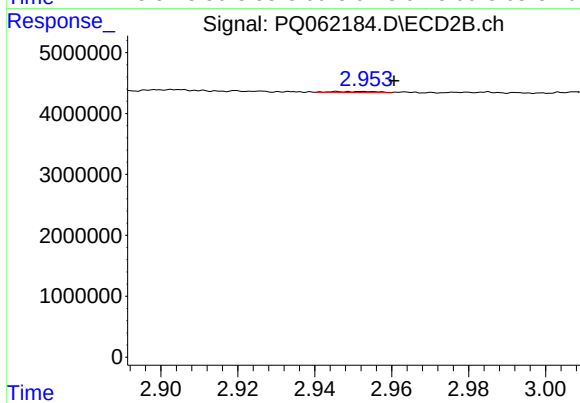
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 6296355
Conc: 76.80 ng/ml



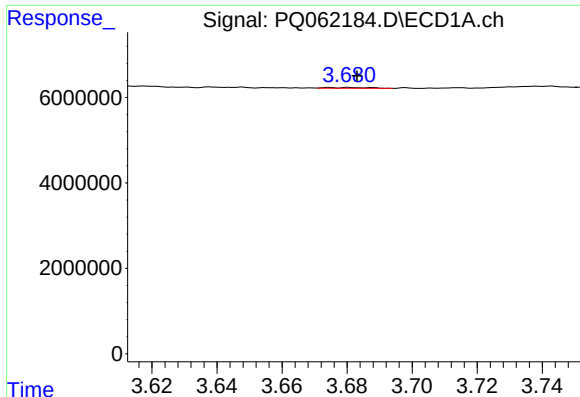
#8 AR-1221-1

R.T.: 3.612 min
Delta R.T.: 0.008 min
Response: 291697
Conc: 4.85 ng/ml



#8 AR-1221-1

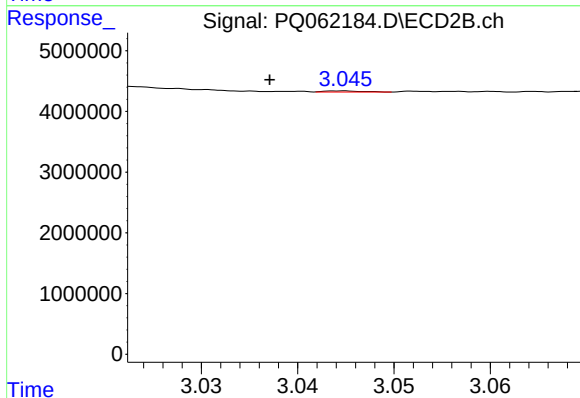
R.T.: 2.946 min
Delta R.T.: -0.015 min
Response: 137512
Conc: 4.17 ng/ml



#9 AR-1221-2

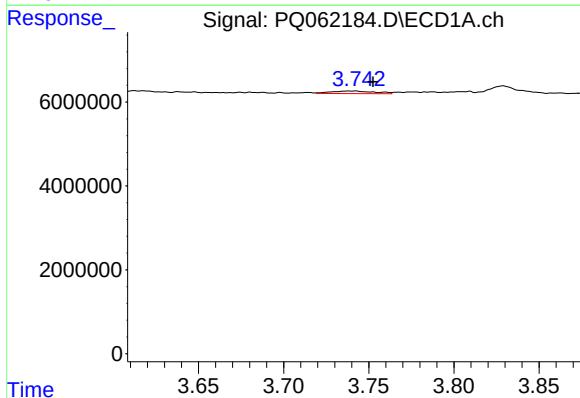
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 145795
Conc: 3.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



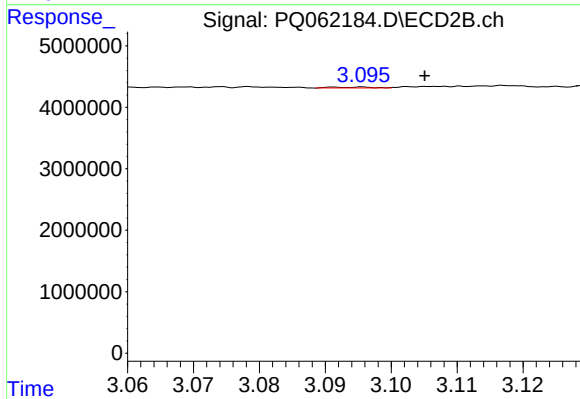
#9 AR-1221-2

R.T.: 3.045 min
Delta R.T.: 0.008 min
Response: 48895
Conc: 1.92 ng/ml



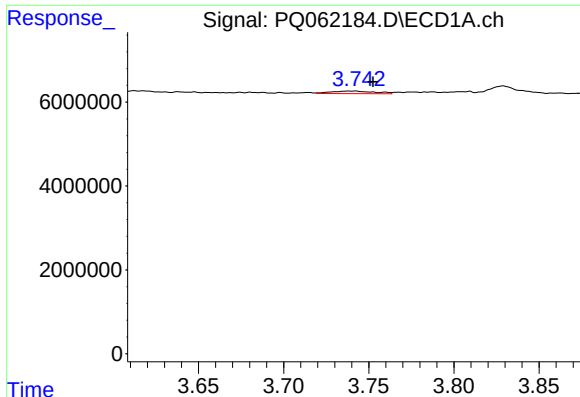
#10 AR-1221-3

R.T.: 3.742 min
Delta R.T.: -0.011 min
Response: 1088415
Conc: 7.75 ng/ml



#10 AR-1221-3

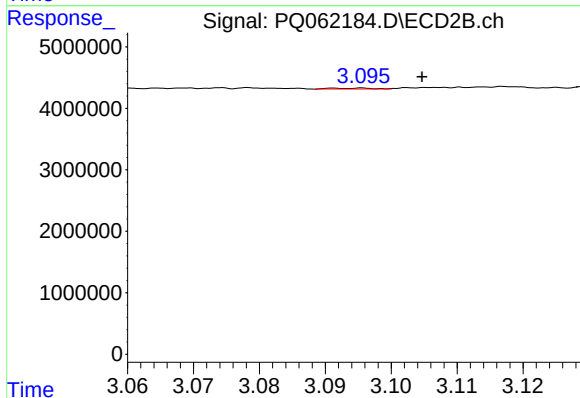
R.T.: 3.096 min
Delta R.T.: -0.009 min
Response: 64962
Conc: 0.84 ng/ml



#11 AR-1232-1

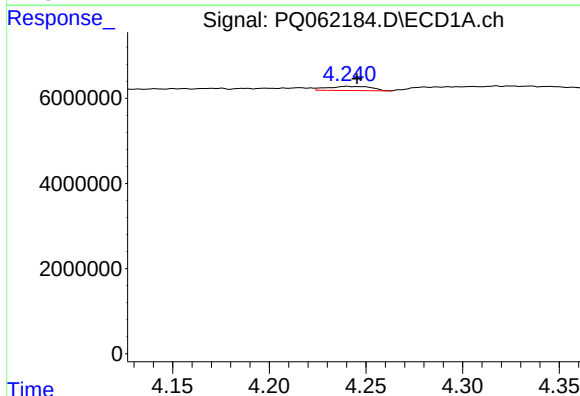
R.T.: 3.742 min
Delta R.T.: -0.011 min
Response: 1088415
Conc: 10.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



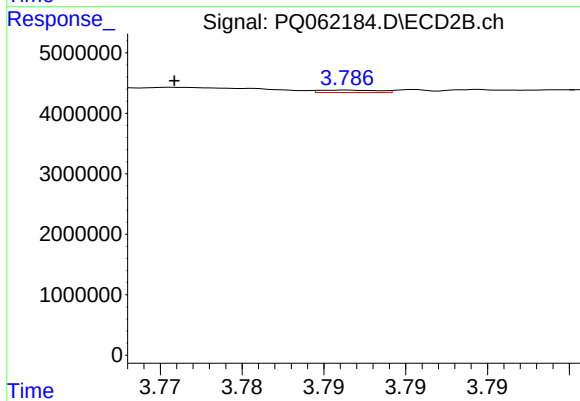
#11 AR-1232-1

R.T.: 3.096 min
Delta R.T.: -0.009 min
Response: 64962
Conc: 1.13 ng/ml



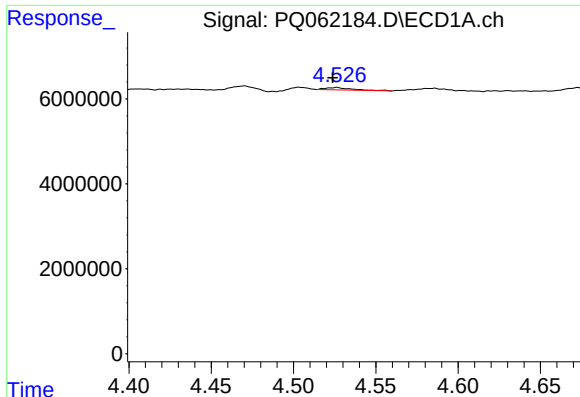
#12 AR-1232-2

R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 1536412
Conc: 25.97 ng/ml



#12 AR-1232-2

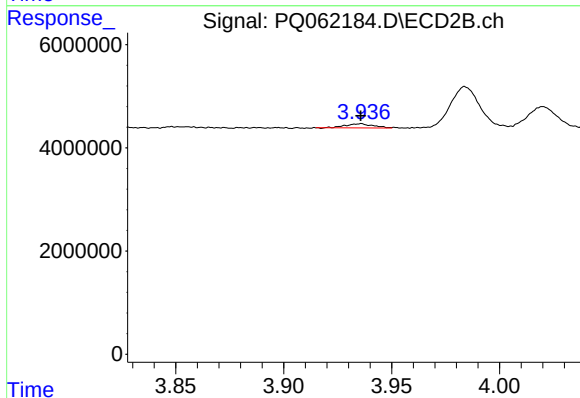
R.T.: 3.787 min
Delta R.T.: 0.011 min
Response: 102025
Conc: 1.53 ng/ml



#13 AR-1232-3

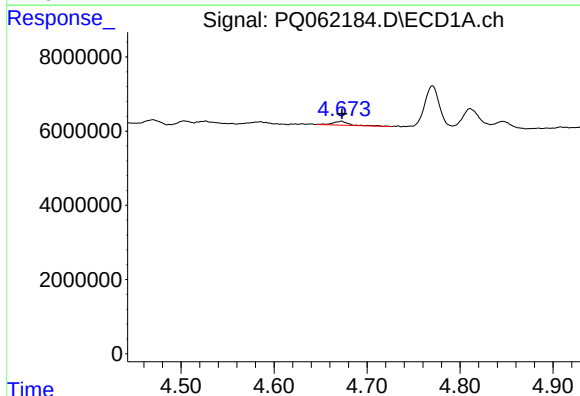
R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 637758
Conc: 5.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



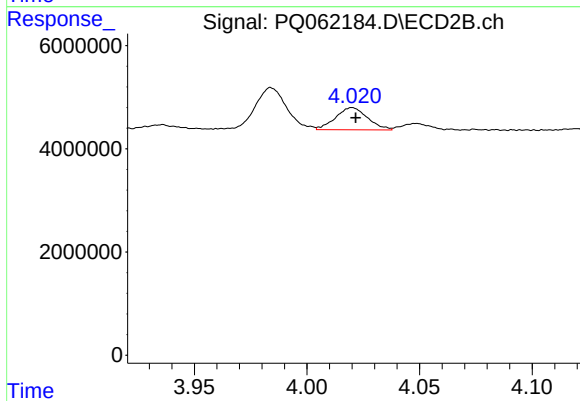
#13 AR-1232-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 711947
Conc: 20.60 ng/ml



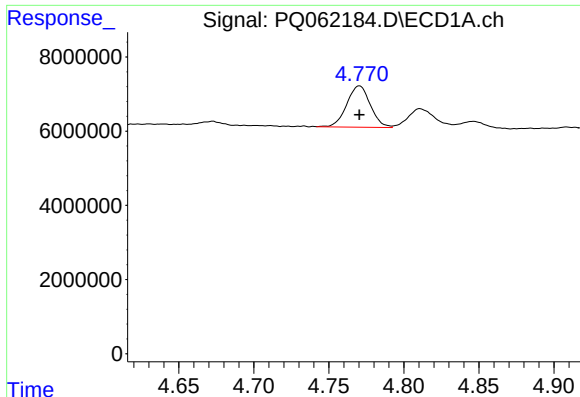
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1261823
Conc: 22.27 ng/ml



#14 AR-1232-4

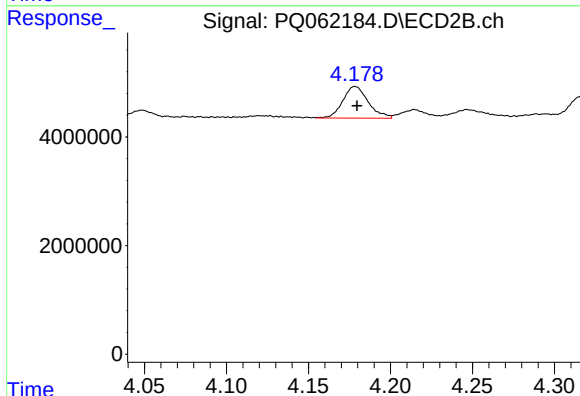
R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 4231955
Conc: 142.30 ng/ml



#15 AR-1232-5

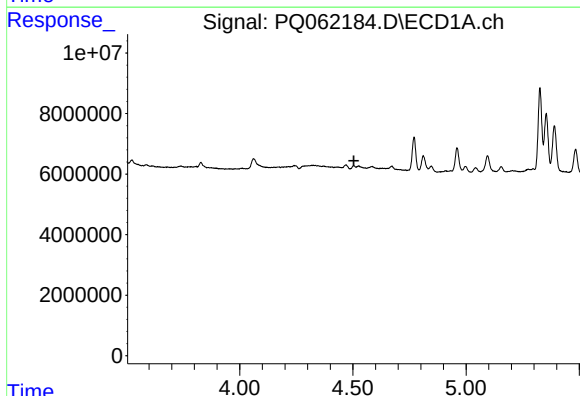
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 12235809
Conc: 305.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



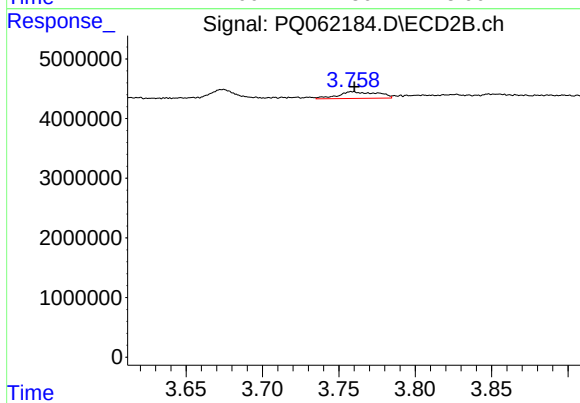
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 6296355
Conc: 176.56 ng/ml



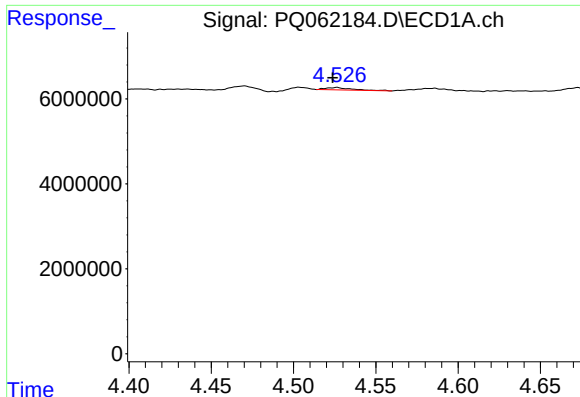
#16 AR-1242-1

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: -231317
Conc: N.D.



#16 AR-1242-1

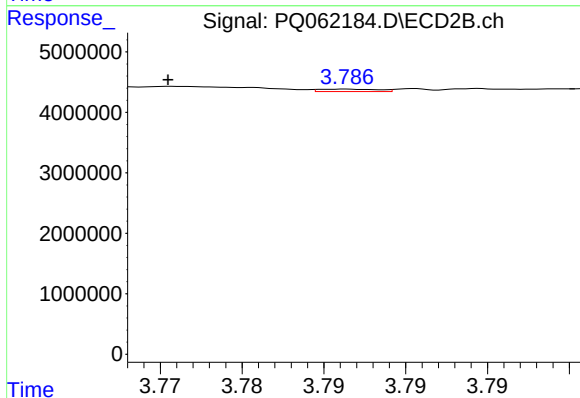
R.T.: 3.758 min
Delta R.T.: -0.002 min
Response: 2041306
Conc: 26.39 ng/ml



#17 AR-1242-2

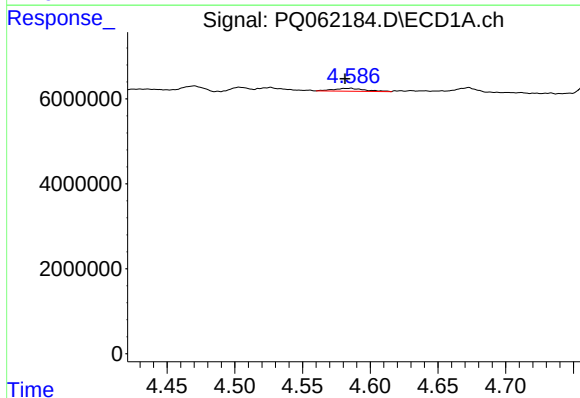
R.T.: 4.526 min
Delta R.T.: 0.003 min
Response: 637758
Conc: 3.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



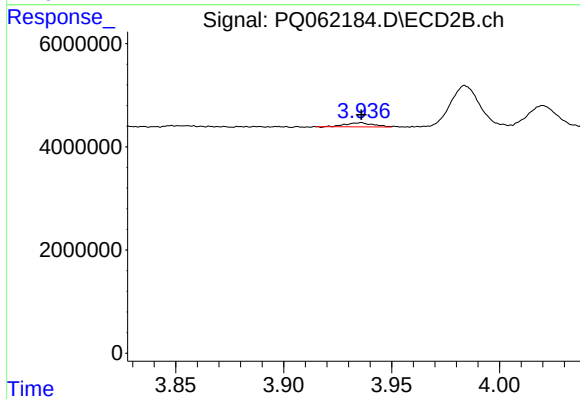
#17 AR-1242-2

R.T.: 3.787 min
Delta R.T.: 0.011 min
Response: 102025
Conc: 0.92 ng/ml



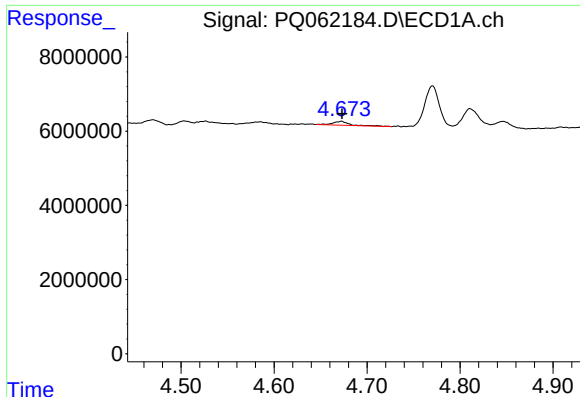
#18 AR-1242-3

R.T.: 4.585 min
Delta R.T.: 0.004 min
Response: 1063320
Conc: 8.80 ng/ml



#18 AR-1242-3

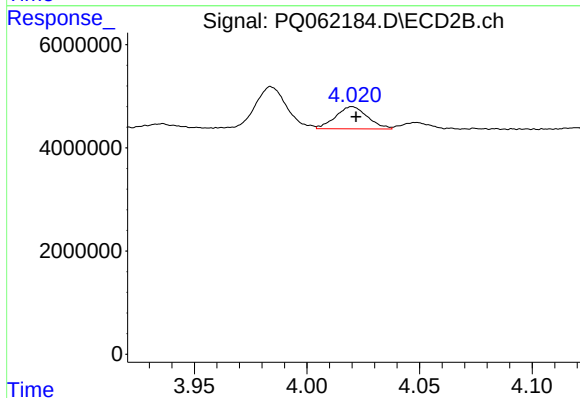
R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 711947
Conc: 12.15 ng/ml



#19 AR-1242-4

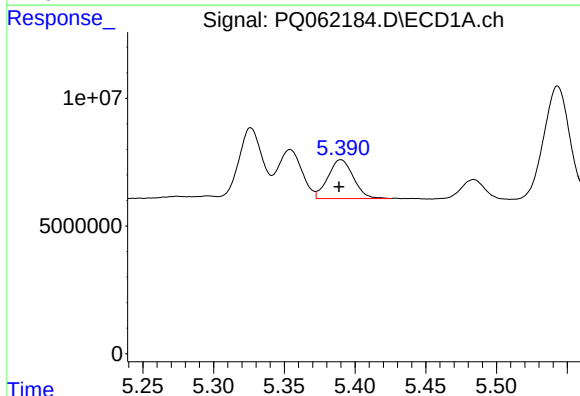
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 1261823
Conc: 12.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



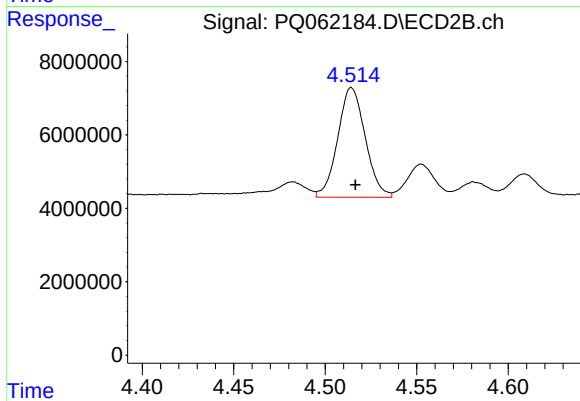
#19 AR-1242-4

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 4231955
Conc: 72.18 ng/ml



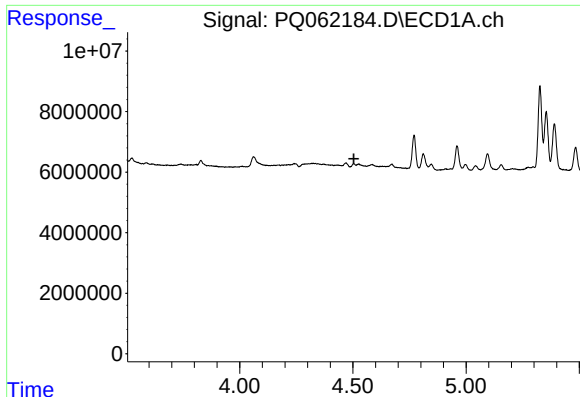
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 18996051
Conc: 198.43 ng/ml



#20 AR-1242-5

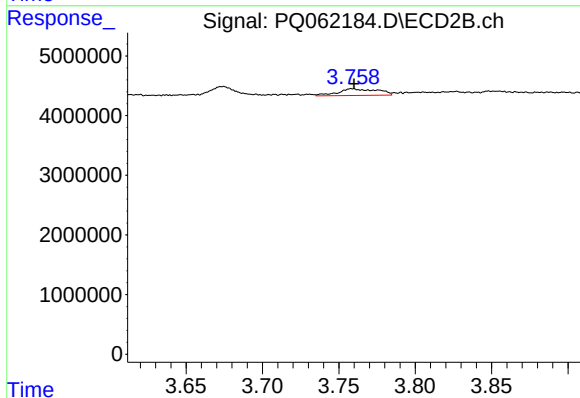
R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 31285567
Conc: 377.42 ng/ml



#21 AR-1248-1

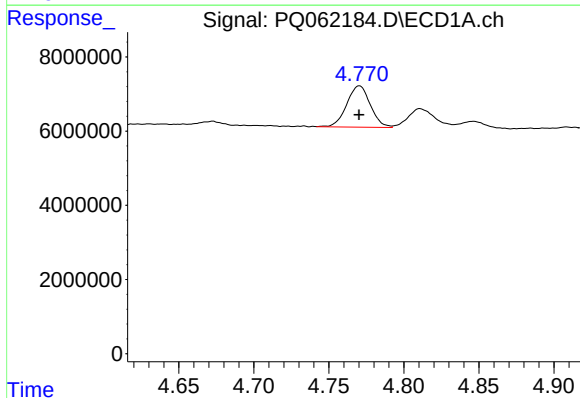
R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: -231317
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



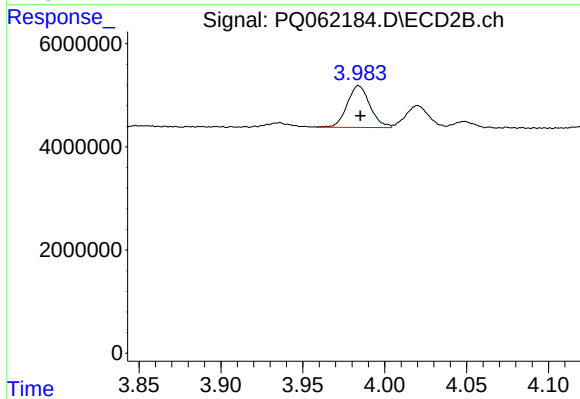
#21 AR-1248-1

R.T.: 3.758 min
Delta R.T.: -0.002 min
Response: 2041306
Conc: 32.65 ng/ml



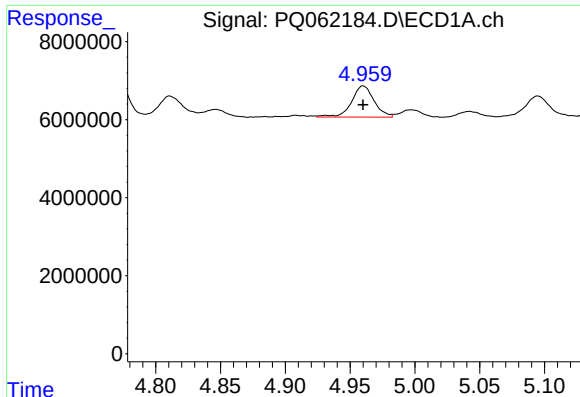
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 12235809
Conc: 85.17 ng/ml



#22 AR-1248-2

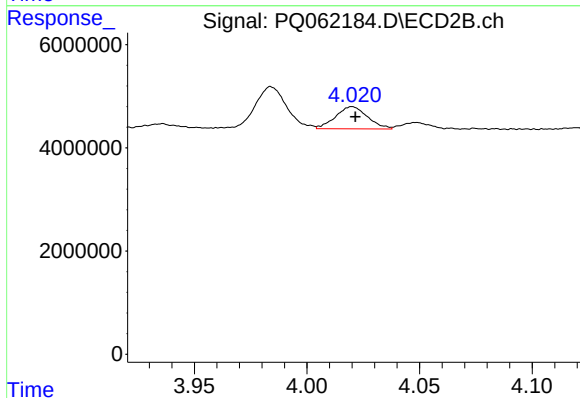
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 7821427
Conc: 83.41 ng/ml



#23 AR-1248-3

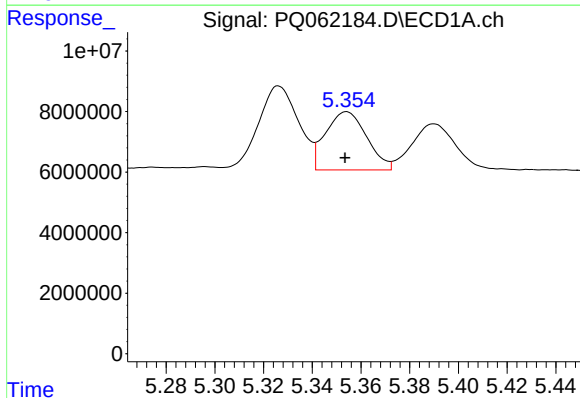
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 9674950
Conc: 55.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



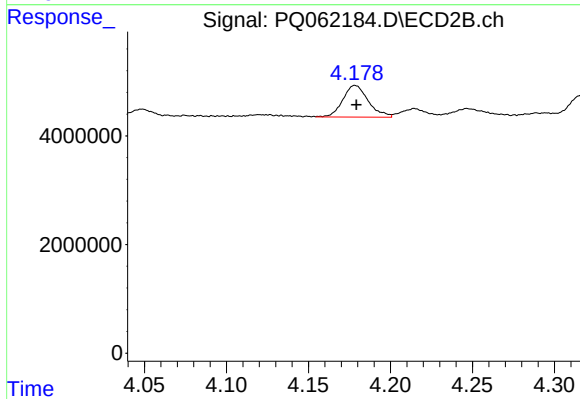
#23 AR-1248-3

R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 4231955
Conc: 46.74 ng/ml



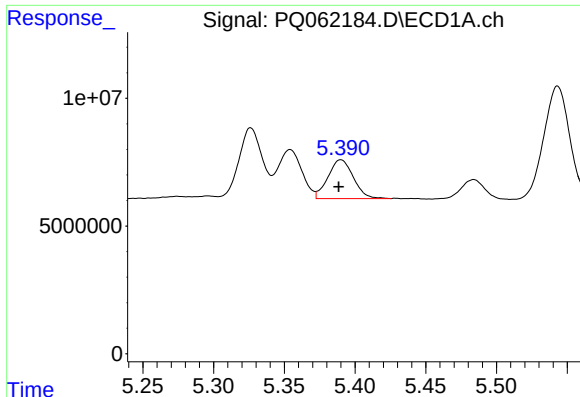
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 22551749
Conc: 117.50 ng/ml



#24 AR-1248-4

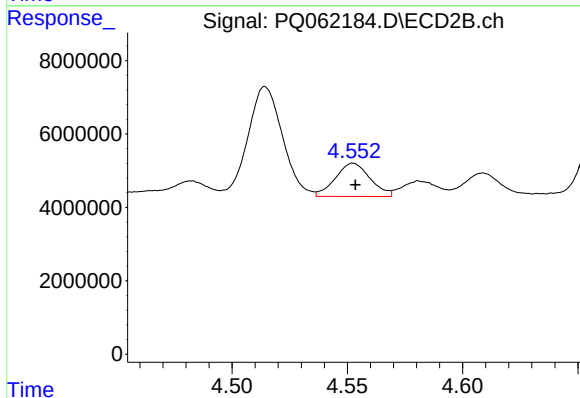
R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 6296355
Conc: 55.80 ng/ml



#25 AR-1248-5

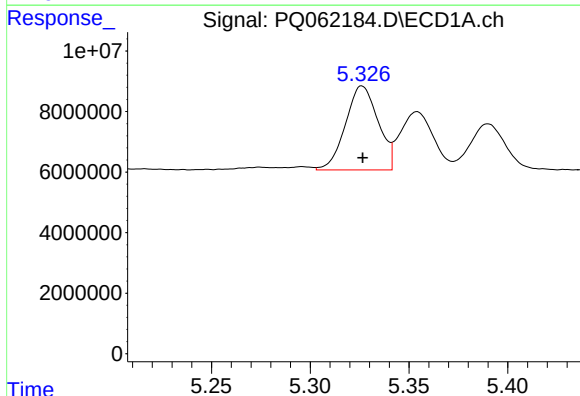
R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 18996051
Conc: 104.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



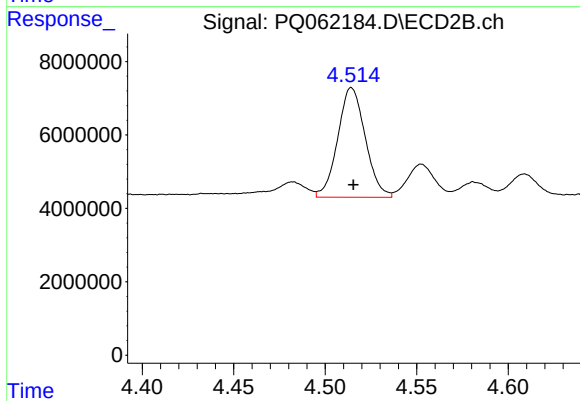
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 9516801
Conc: 84.95 ng/ml



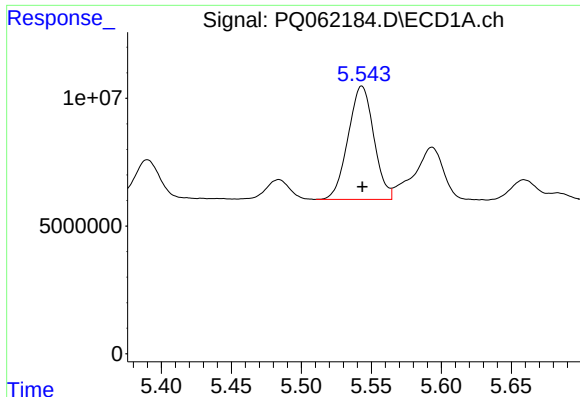
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 31926210
Conc: 171.81 ng/ml



#26 AR-1254-1

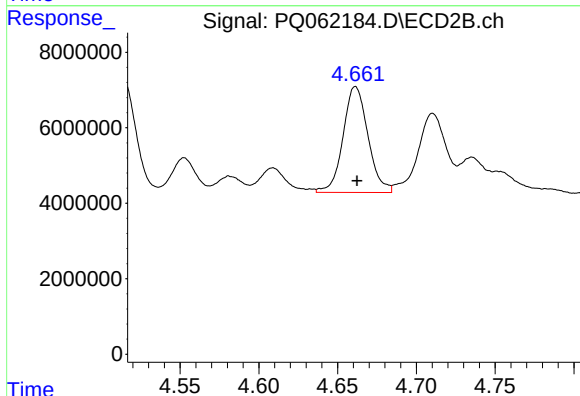
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 31285567
Conc: 193.76 ng/ml



#27 AR-1254-2

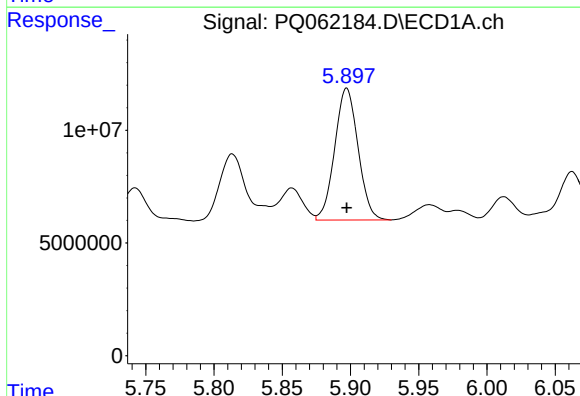
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 56814751
Conc: 195.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



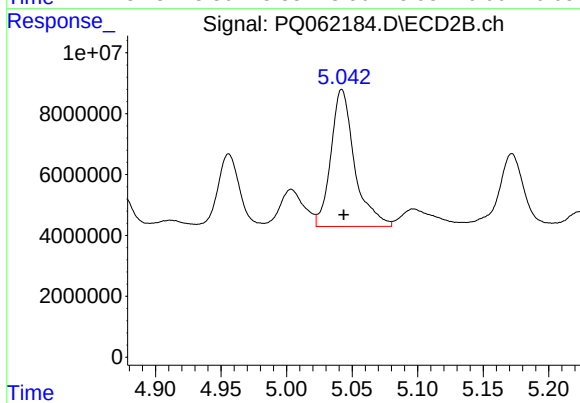
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 30936264
Conc: 210.13 ng/ml



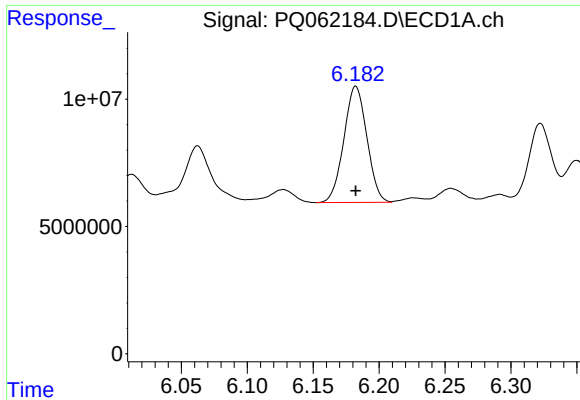
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 69536881
Conc: 226.40 ng/ml



#28 AR-1254-3

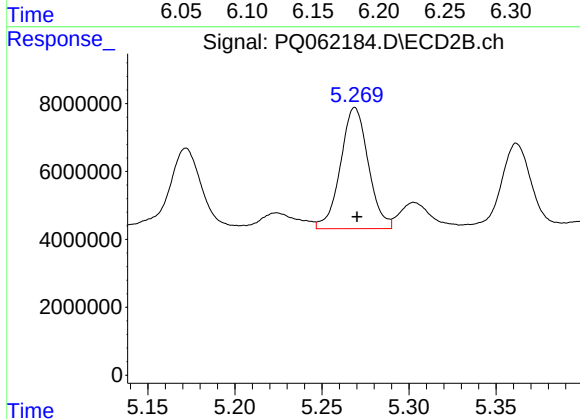
R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 56724110
Conc: 242.72 ng/ml



#29 AR-1254-4

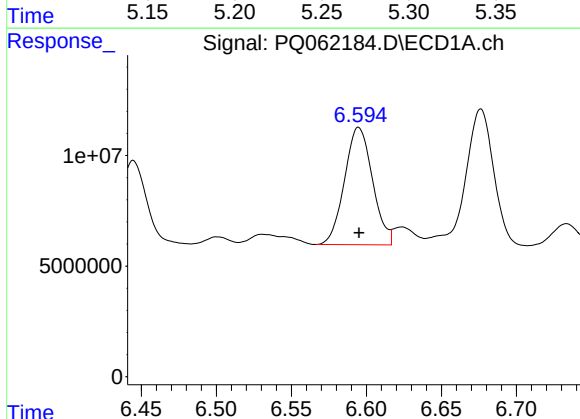
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 55524588
Conc: 239.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



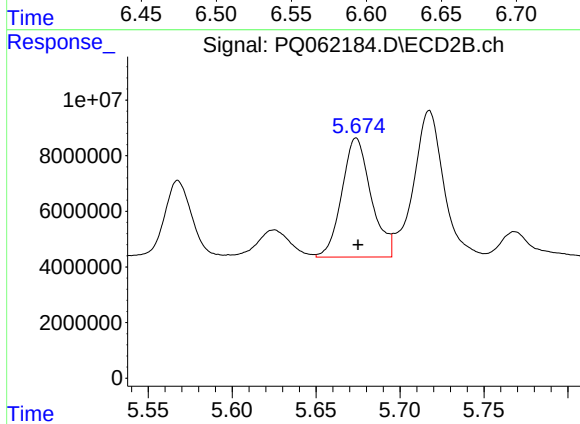
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 39739715
Conc: 260.73 ng/ml



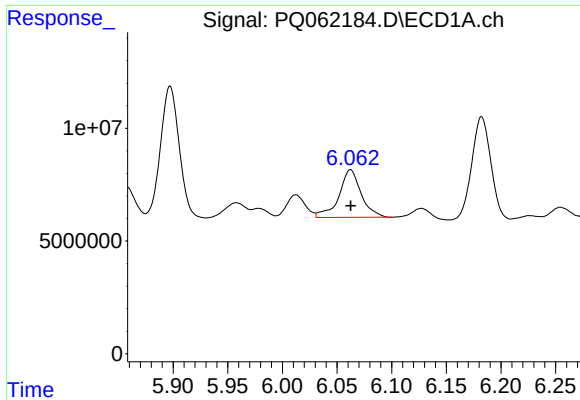
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 68998120
Conc: 268.61 ng/ml



#30 AR-1254-5

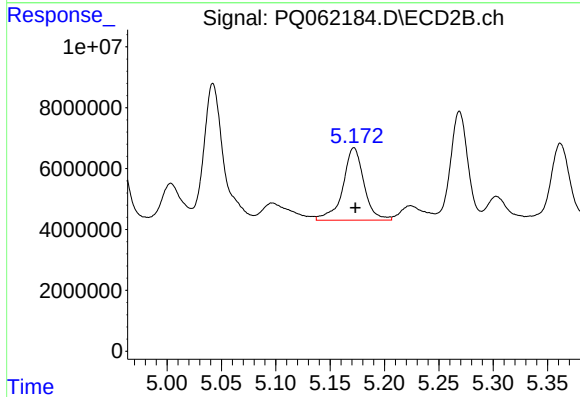
R.T.: 5.674 min
Delta R.T.: -0.001 min
Response: 51883929
Conc: 224.80 ng/ml



#31 AR-1260-1

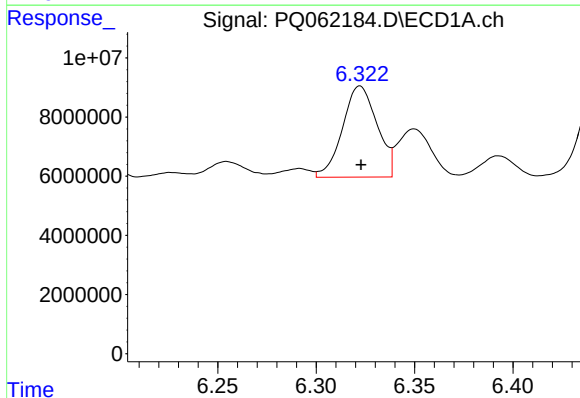
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 29896448
Conc: 126.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



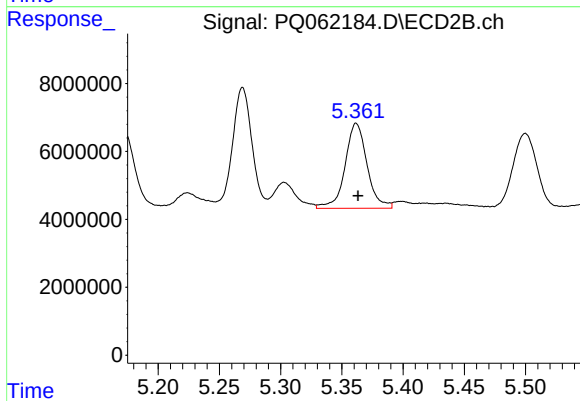
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 32170117
Conc: 193.15 ng/ml



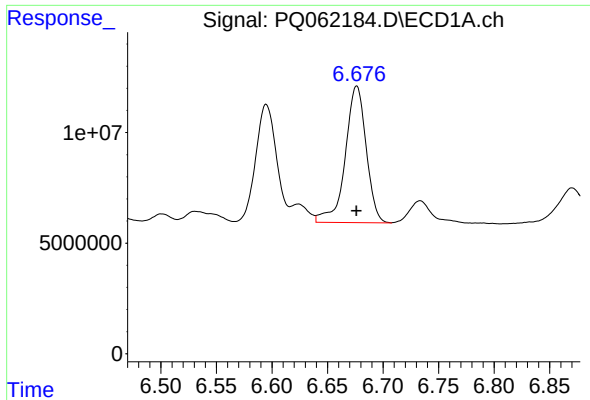
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 37661879
Conc: 130.40 ng/ml



#32 AR-1260-2

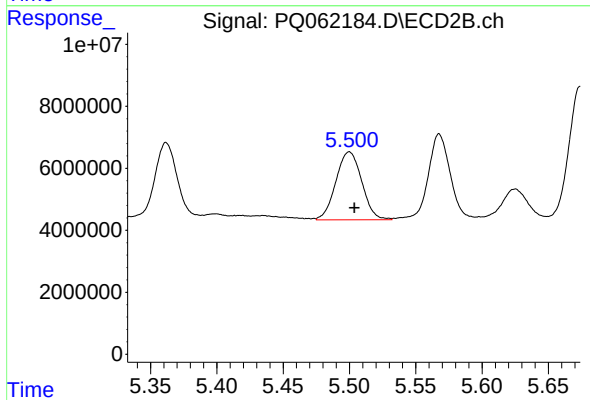
R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 31355227
Conc: 150.79 ng/ml



#33 AR-1260-3

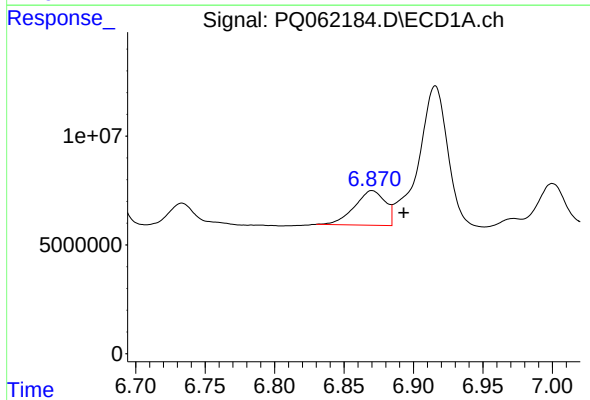
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 81061715
Conc: 459.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



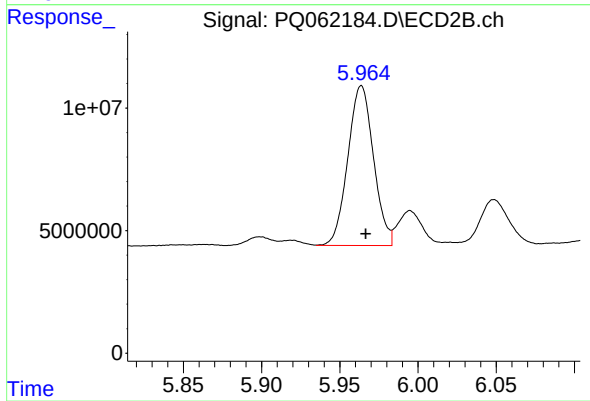
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 29767997
Conc: 153.00 ng/ml



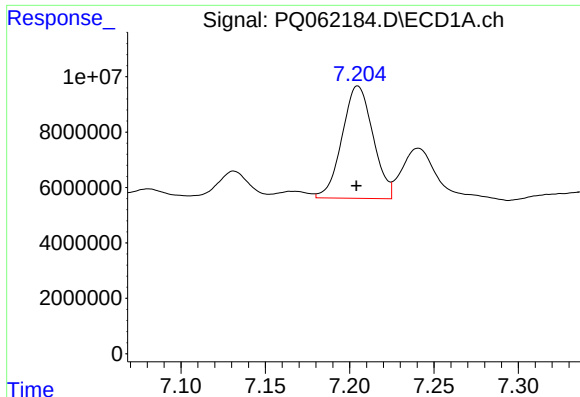
#34 AR-1260-4

R.T.: 6.870 min
Delta R.T.: -0.023 min
Response: 24501826
Conc: 116.32 ng/ml



#34 AR-1260-4

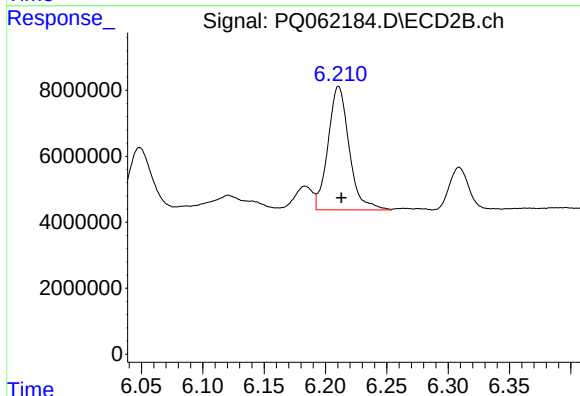
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 74512118
Conc: 510.84 ng/ml



#35 AR-1260-5

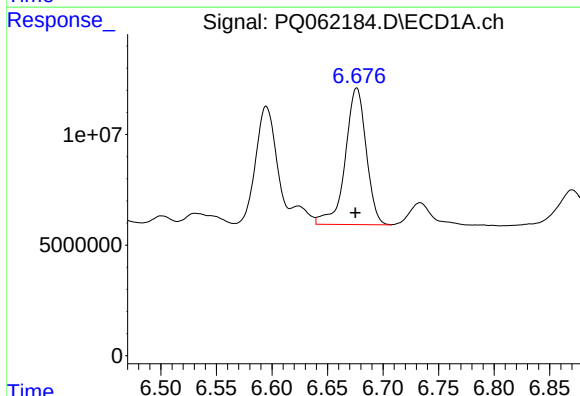
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 51741288
Conc: 126.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



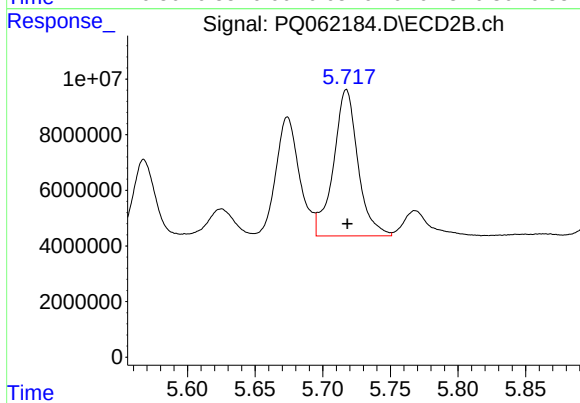
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 44836074
Conc: 135.02 ng/ml



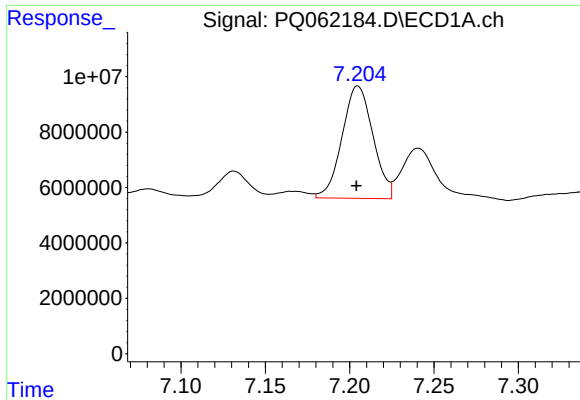
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 81061715
Conc: 265.83 ng/ml



#36 AR-1262-1

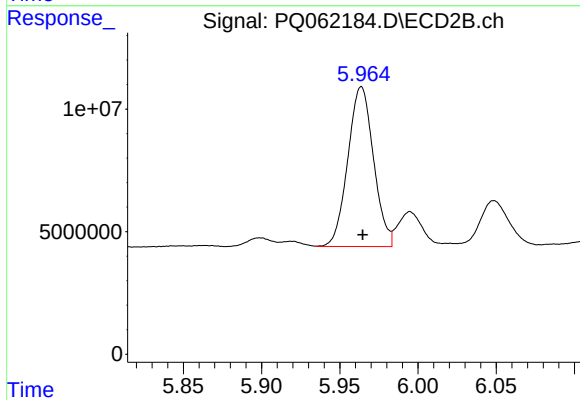
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 66298850
Conc: 285.19 ng/ml



#37 AR-1262-2

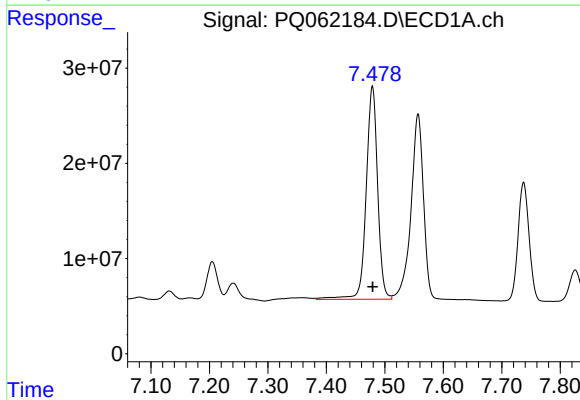
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 51741288
Conc: 98.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



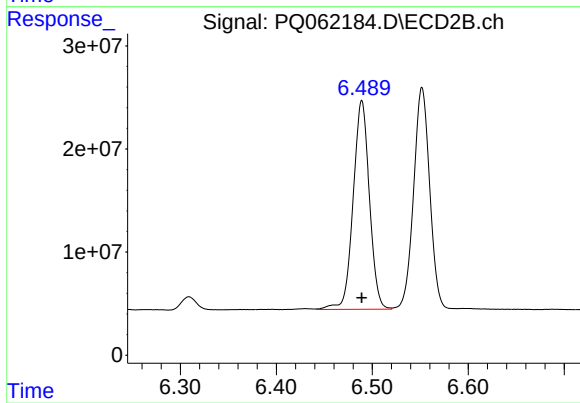
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 74512118
Conc: 344.63 ng/ml



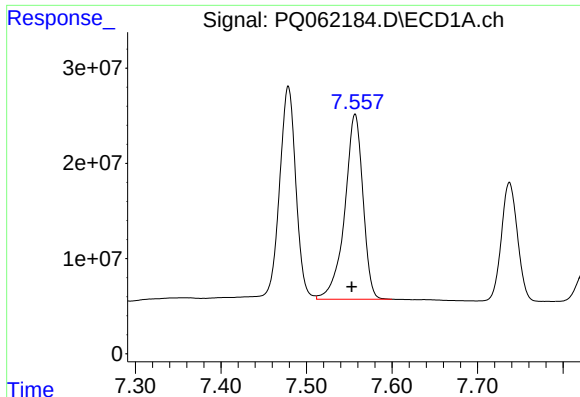
#38 AR-1262-3

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 305372881
Conc: 866.79 ng/ml



#38 AR-1262-3

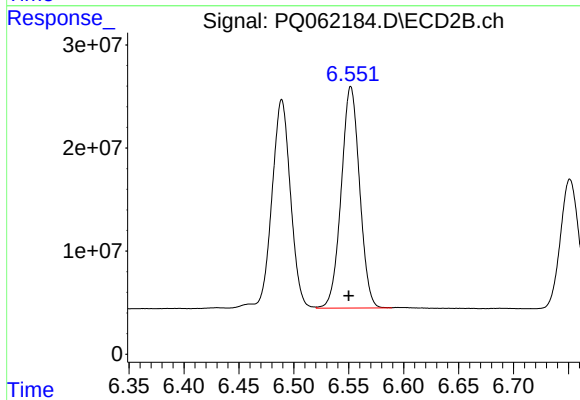
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 239781142
Conc: 1375.46 ng/ml



#39 AR-1262-4

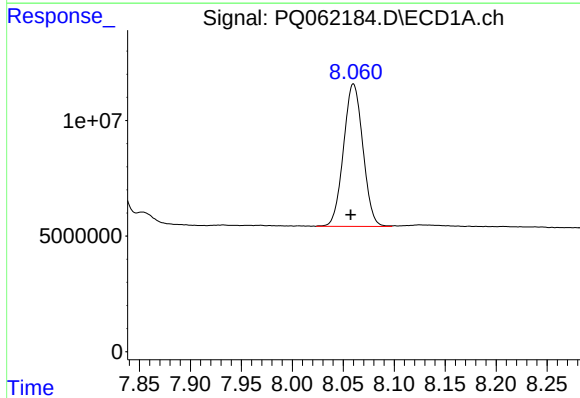
R.T.: 7.557 min
Delta R.T.: 0.004 min
Response: 287951629
Conc: 1079.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



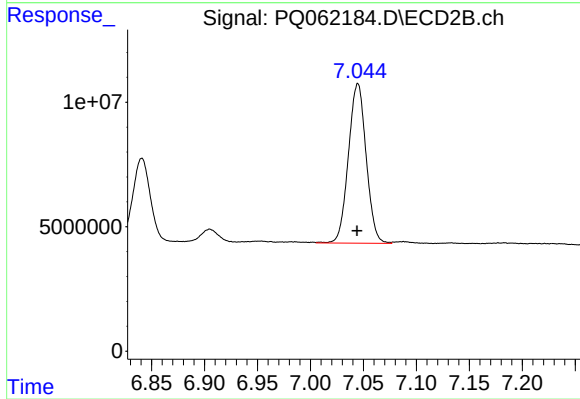
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 250108992
Conc: 776.03 ng/ml



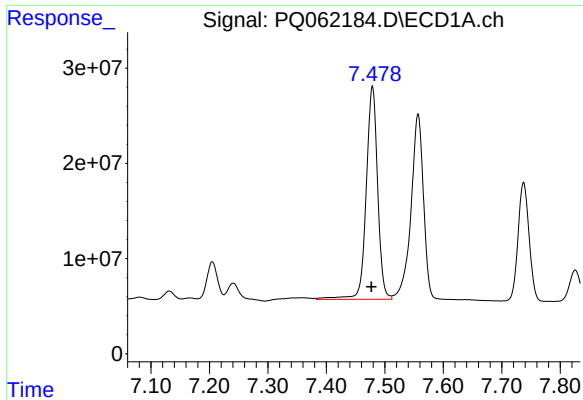
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.003 min
Response: 81462588
Conc: 458.92 ng/ml



#40 AR-1262-5

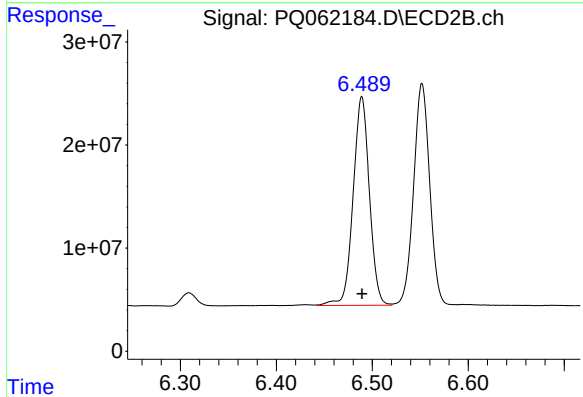
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 74726945
Conc: 481.75 ng/ml



#41 AR-1268-1

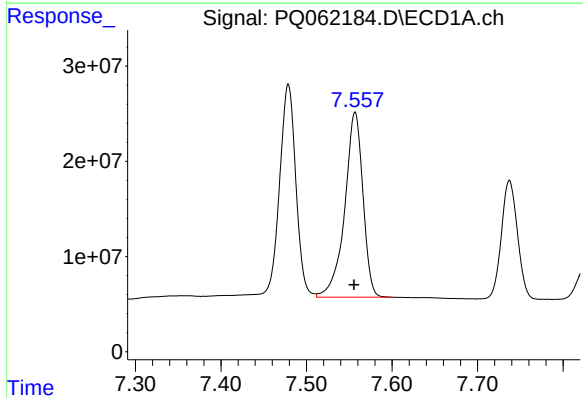
R.T.: 7.479 min
Delta R.T.: 0.002 min
Response: 305372881
Conc: 538.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



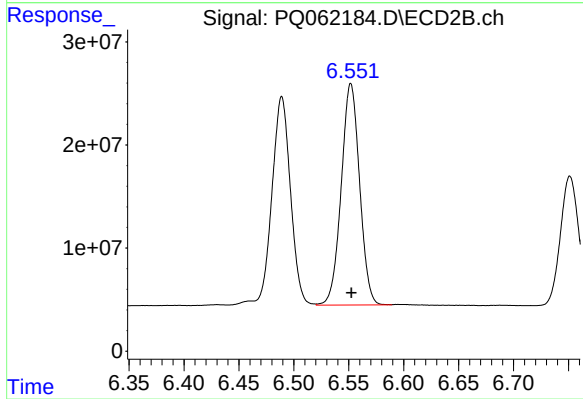
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 239781142
Conc: 509.59 ng/ml



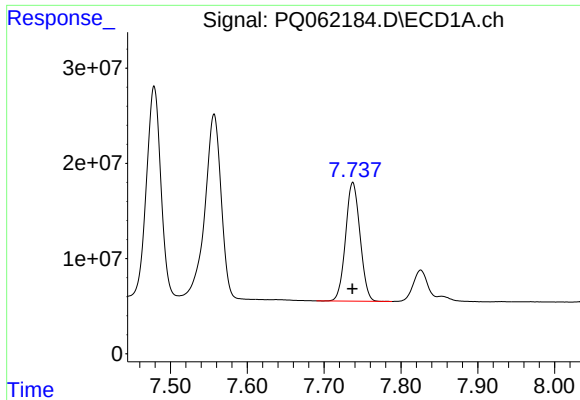
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 287951629
Conc: 564.75 ng/ml



#42 AR-1268-2

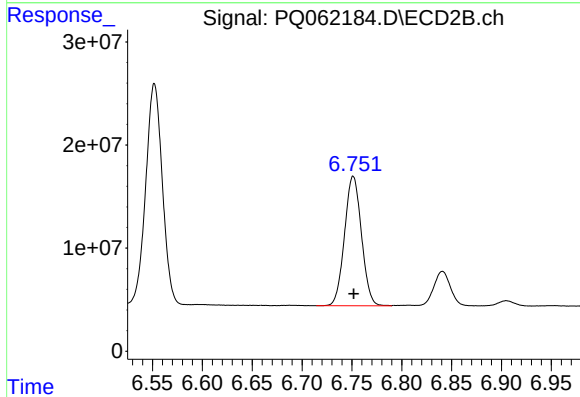
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 250108992
Conc: 590.29 ng/ml



#43 AR-1268-3

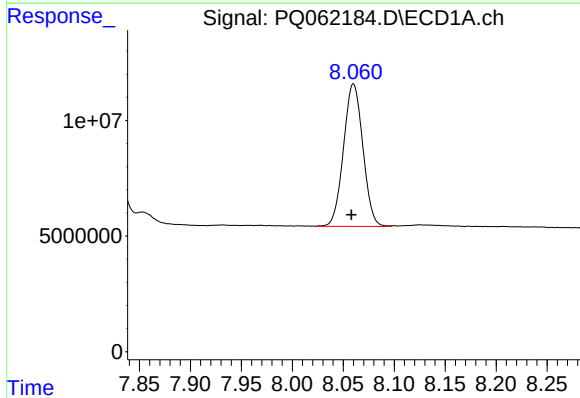
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 162494941
Conc: 380.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



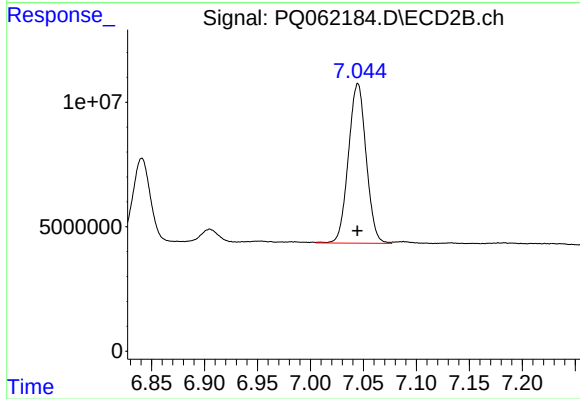
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 148766763
Conc: 403.91 ng/ml



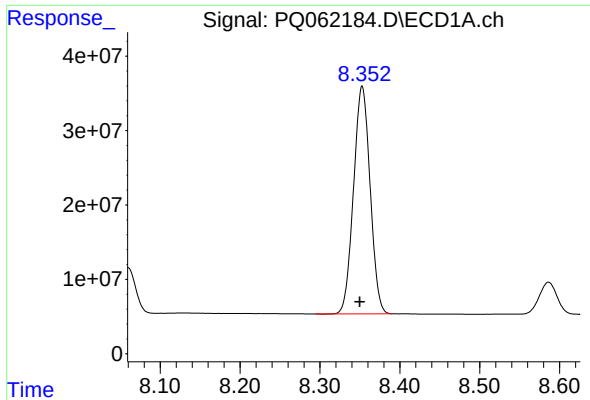
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 81462588
Conc: 445.19 ng/ml



#44 AR-1268-4

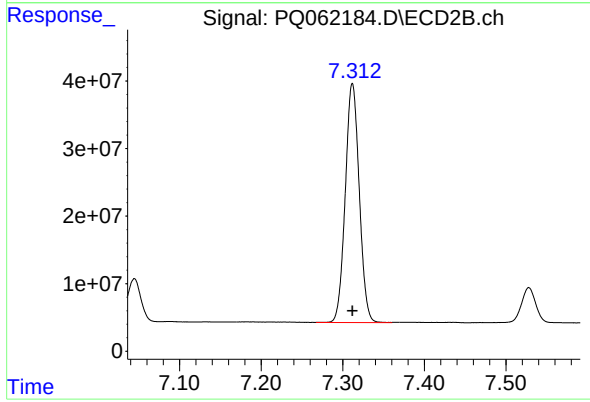
R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 74726945
Conc: 467.23 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 440941323
Conc: 349.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 421412643
Conc: 361.12 ng/ml