

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 14:01
 Operator : YP\AJ
 Sample : PB154219BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 02:15:50 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	2.759	87932921	53651380	18.026	21.383
2)	SA Decachlor...	8.585	7.528	63823499	65401928	17.569	19.627
Target Compounds							
3)	L1 AR-1016-1	4.505	3.760	65935029	43833824	400.291	442.876
4)	L1 AR-1016-2	4.524	3.775	98531737	64181253	398.481	445.088
5)	L1 AR-1016-3	4.581	3.935	60875803	34061575	399.433	451.489
6)	L1 AR-1016-4	4.673	3.984	49582754	29852295	395.569	454.517
7)	L1 AR-1016-5	4.960	4.178	48702515	36173739	400.130	441.242
8)	L2 AR-1221-1	3.601	2.960	6986135	4088943	116.227	123.920
9)	L2 AR-1221-2	3.684	3.037	8258568	5342326	183.799	210.327
10)	L2 AR-1221-3	3.753	3.104	36551369	23841731	260.118	309.268
11)	L3 AR-1232-1	3.753	3.104	36551369	23841731	346.126	416.096
12)	L3 AR-1232-2	4.245	3.775	49887924	64181253	843.398	964.335
13)	L3 AR-1232-3	4.524	3.935	98531737	34061575	871.341	985.721
14)	L3 AR-1232-4	4.673	4.021	49582754	32577361	874.993	1095.412 #
15)	L3 AR-1232-5	4.770	4.178	39516846	36173739	986.688	1014.382
16)	L4 AR-1242-1	4.505	3.760	65935029	43833824	504.460	566.775
17)	L4 AR-1242-2	4.524	3.775	98531737	64181253	507.534	577.384
18)	L4 AR-1242-3	4.581	3.935	60875803	34061575	503.755	581.493
19)	L4 AR-1242-4	4.673	4.021	49582754	32577361	508.615	555.660
20)	L4 AR-1242-5	5.389	4.514	6612057	29255061	69.070	352.927 #
21)	L5 AR-1248-1	4.505	3.760	65935029	43833824	634.121	701.113
22)	L5 AR-1248-2	4.770	3.984	39516846	29852295	275.068	318.361
23)	L5 AR-1248-3	4.960	4.021	48702515	32577361	280.362	359.797 #
24)	L5 AR-1248-4	5.354	4.178	7422299	36173739	38.672	320.577 #
25)	L5 AR-1248-5	5.389	4.553	6612057	4192453	36.506	37.422
26)	L6 AR-1254-1	5.327	4.514	38305482	29255061	206.141	181.188
27)	L6 AR-1254-2	5.545	4.662	42335345	28804521	145.626	195.650 #
28)	L6 AR-1254-3	5.897	5.042	22859898	16585759	74.428	70.970
29)	L6 AR-1254-4	6.180	5.269	14674797	8159774	63.201	53.537
30)	L6 AR-1254-5	6.594	5.674	136.2E6	112.4E6	530.341	486.855
31)	L7 AR-1260-1	6.063	5.171	94951627	78644364	402.454	472.188
32)	L7 AR-1260-2	6.323	5.362	114.4E6	96743686	395.985	465.235
33)	L7 AR-1260-3	6.676	5.502	70407601	90593320	398.737	465.635
34)	L7 AR-1260-4	6.894	5.964	83951578	63951756	398.536	438.442
35)	L7 AR-1260-5	7.206	6.210	160.3E6	145.3E6	390.278	437.441
36)	L8 AR-1262-1	6.676	5.717	70407601	65058657	230.889	279.856
37)	L8 AR-1262-2	7.206	5.964	160.3E6	63951756	304.248	295.789
38)	L8 AR-1262-3	7.484	6.488	100.4E6	30459774	284.960	174.727 #
39)	L8 AR-1262-4	7.555	6.546	55248293	113.3E6	207.140	351.523 #
40)	L8 AR-1262-5	8.060	7.044	35190869	36795087	198.249	237.212
41)	L9 AR-1268-1	7.484	6.488	100.4E6	30459774	176.909	64.734 #

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 Operator : YP\AJ
 Sample : PB154219BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

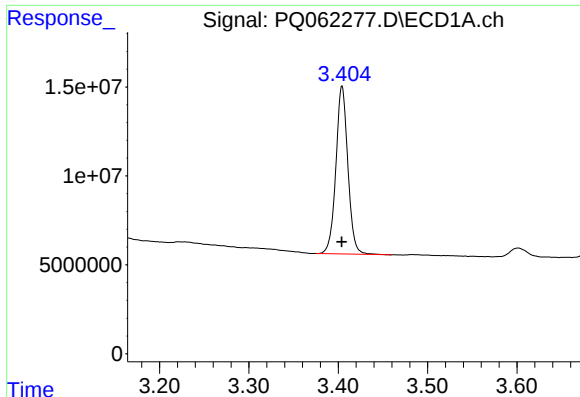
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 02:15:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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 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	6.546	55248293	113.3E6	108.357	267.390 #
43) L9	AR-1268-3	7.737	6.751	3062691	3202001	7.176	8.694
44) L9	AR-1268-4	8.060	7.044	35190869	36795087	192.316	230.061
45) L9	AR-1268-5	8.352	7.312	11458344	12456795	9.088	10.675

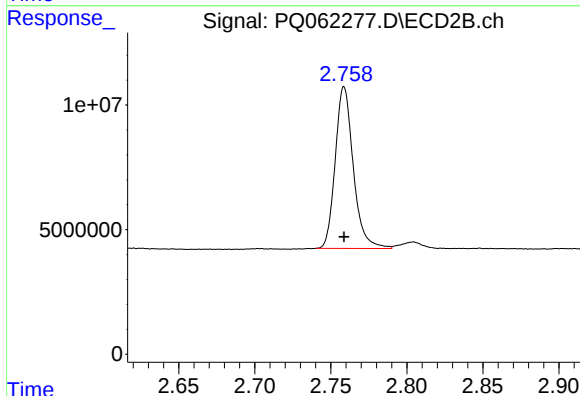
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

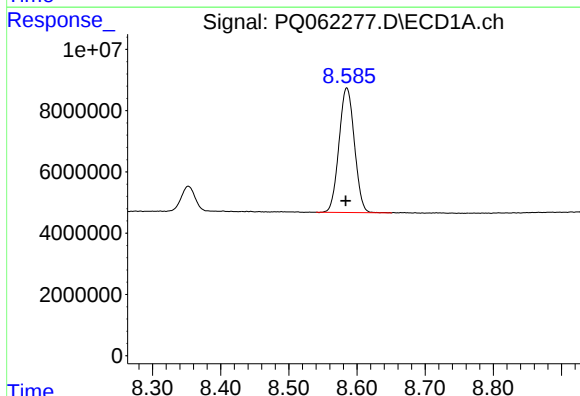
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 87932921
Conc: 18.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



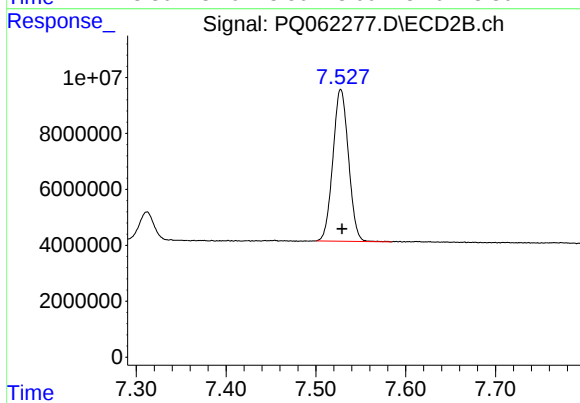
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 53651380
Conc: 21.38 ng/ml



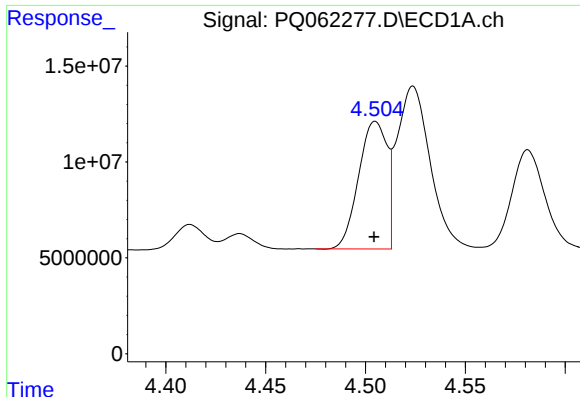
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.001 min
Response: 63823499
Conc: 17.57 ng/ml



#2 Decachlorobiphenyl

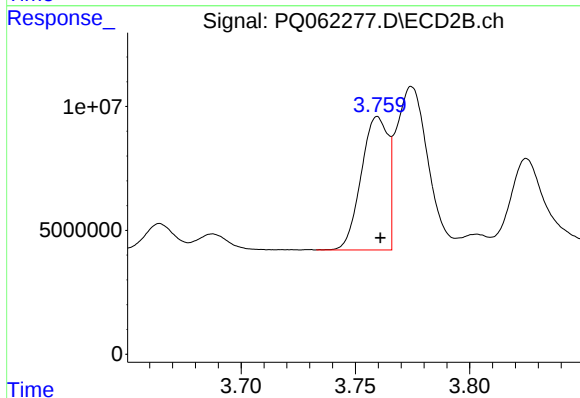
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 65401928
Conc: 19.63 ng/ml



#3 AR-1016-1

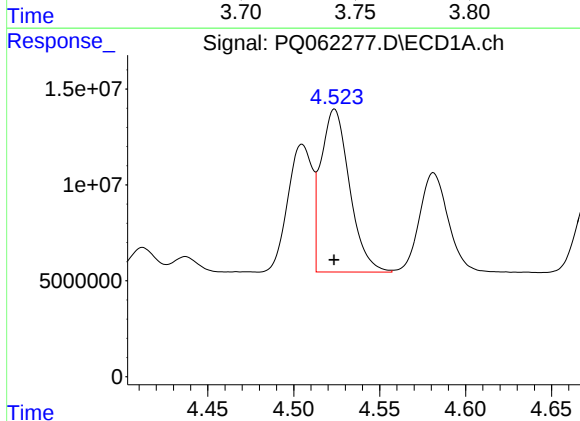
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 65935029
Conc: 400.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



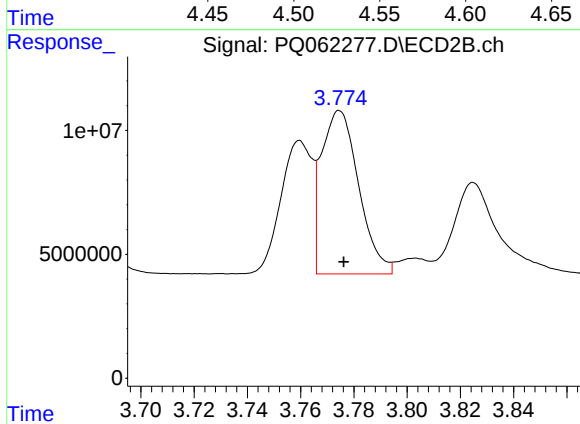
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: -0.001 min
Response: 43833824
Conc: 442.88 ng/ml



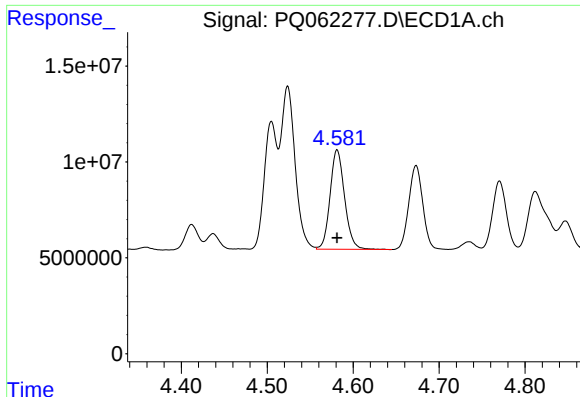
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 98531737
Conc: 398.48 ng/ml



#4 AR-1016-2

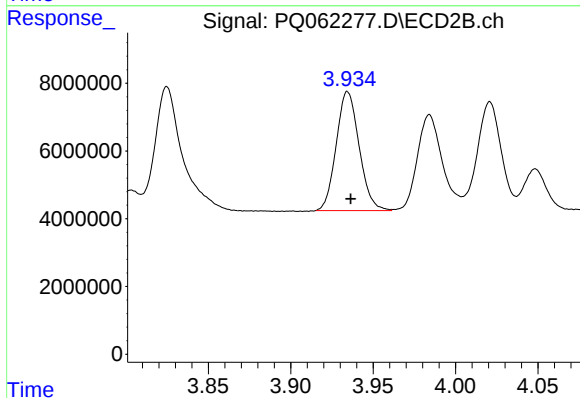
R.T.: 3.775 min
Delta R.T.: -0.002 min
Response: 64181253
Conc: 445.09 ng/ml



#5 AR-1016-3

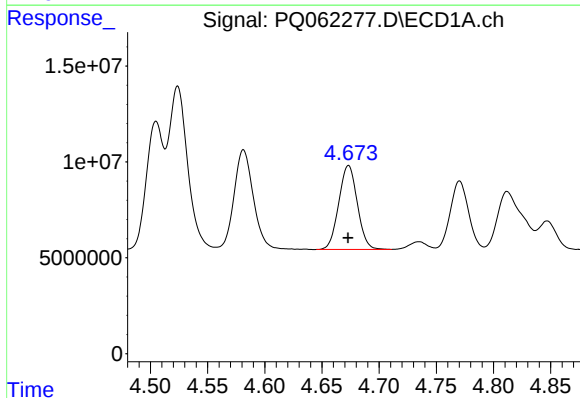
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 60875803
Conc: 399.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



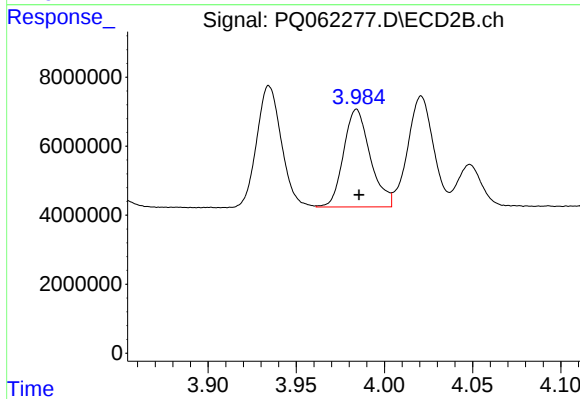
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 34061575
Conc: 451.49 ng/ml



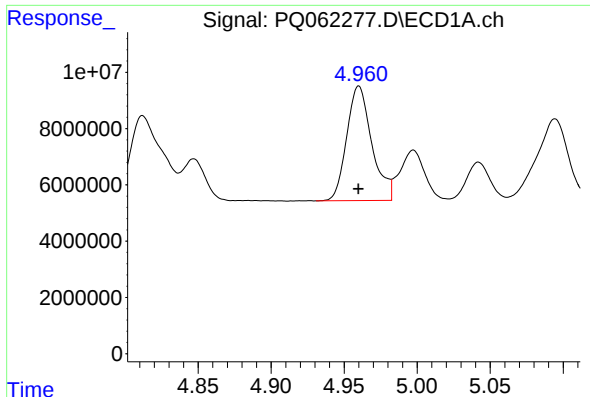
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 49582754
Conc: 395.57 ng/ml



#6 AR-1016-4

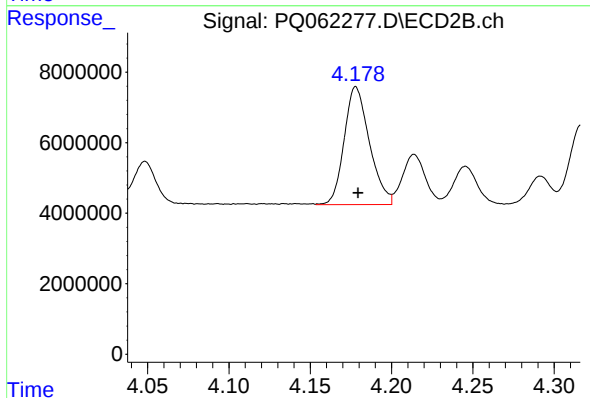
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 29852295
Conc: 454.52 ng/ml



#7 AR-1016-5

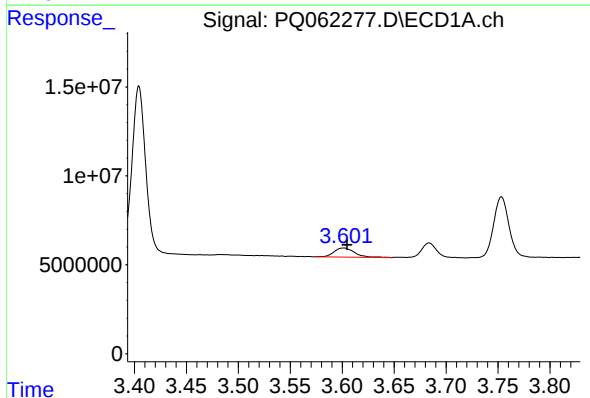
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 48702515
Conc: 400.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



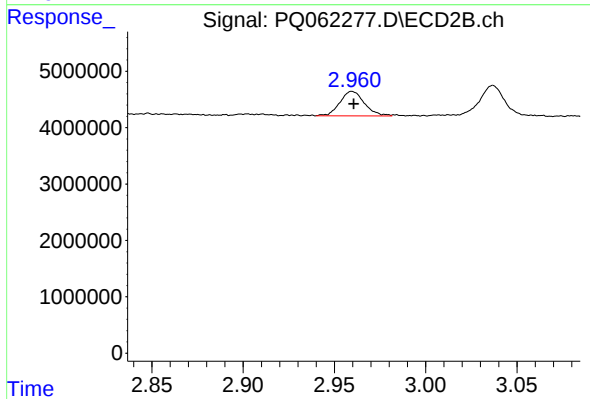
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 36173739
Conc: 441.24 ng/ml



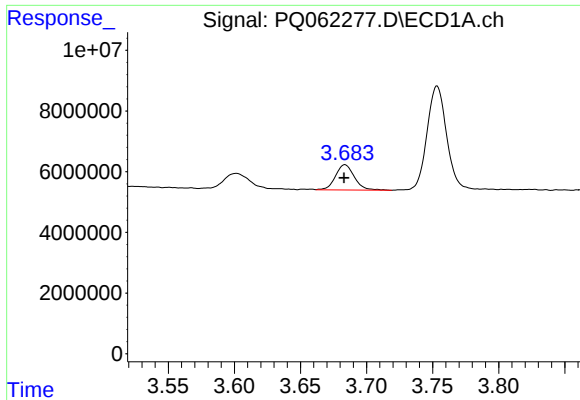
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 6986135
Conc: 116.23 ng/ml



#8 AR-1221-1

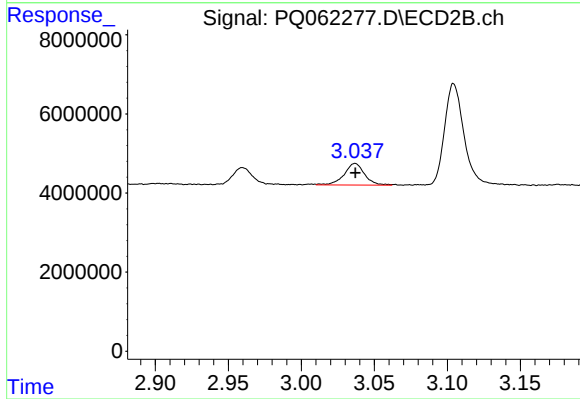
R.T.: 2.960 min
Delta R.T.: -0.001 min
Response: 4088943
Conc: 123.92 ng/ml



#9 AR-1221-2

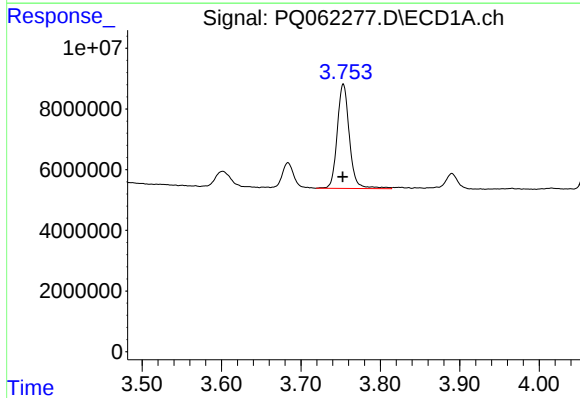
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 8258568
Conc: 183.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



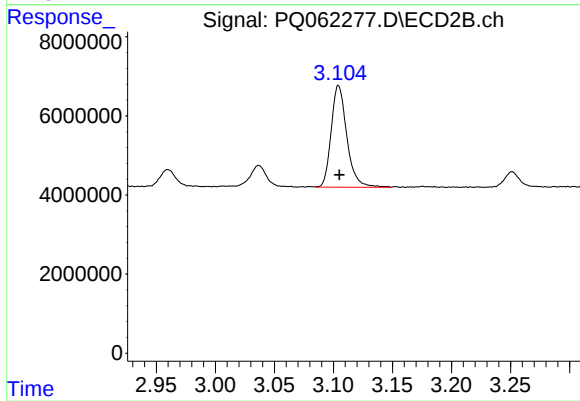
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 5342326
Conc: 210.33 ng/ml



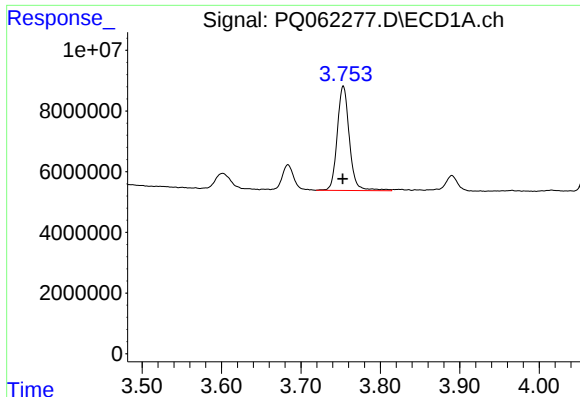
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 36551369
Conc: 260.12 ng/ml



#10 AR-1221-3

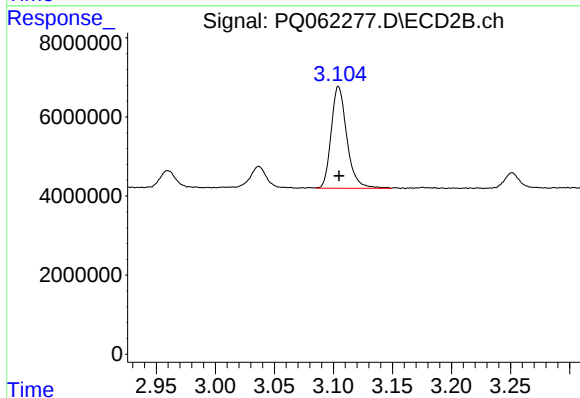
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 23841731
Conc: 309.27 ng/ml



#11 AR-1232-1

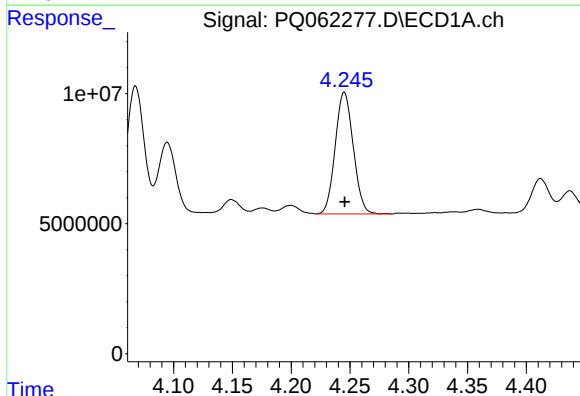
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 36551369
Conc: 346.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



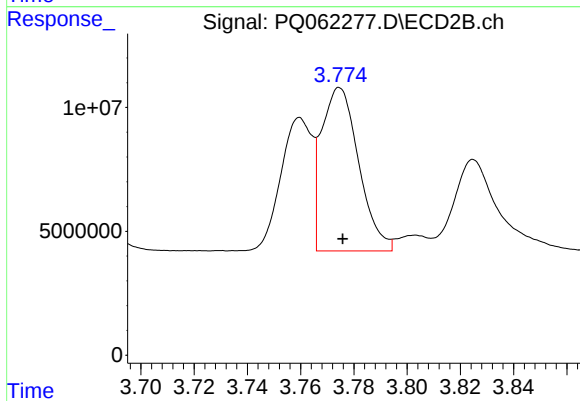
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 23841731
Conc: 416.10 ng/ml



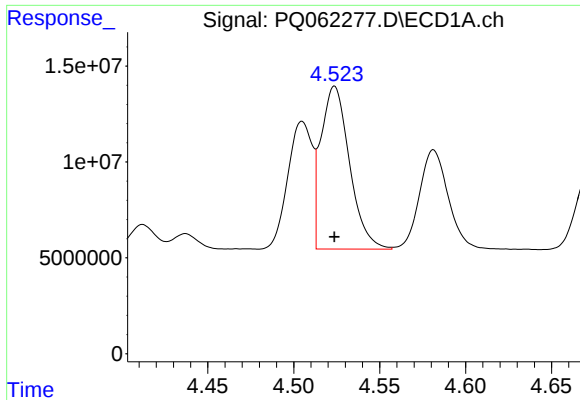
#12 AR-1232-2

R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 49887924
Conc: 843.40 ng/ml



#12 AR-1232-2

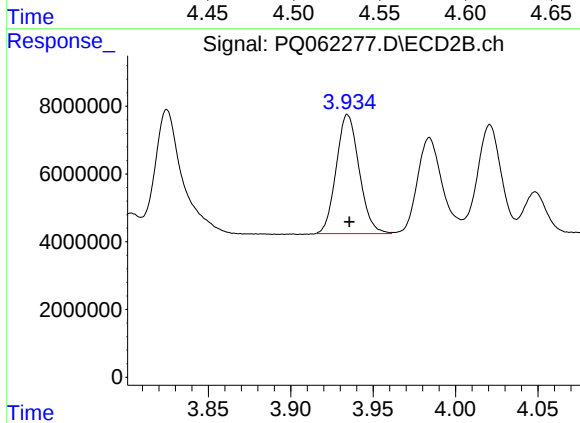
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 64181253
Conc: 964.33 ng/ml



#13 AR-1232-3

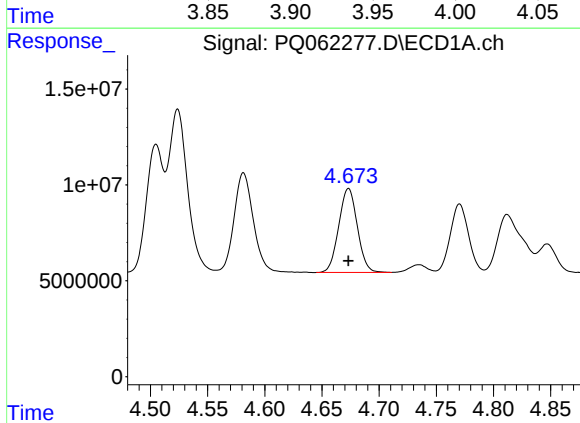
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 98531737
Conc: 871.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



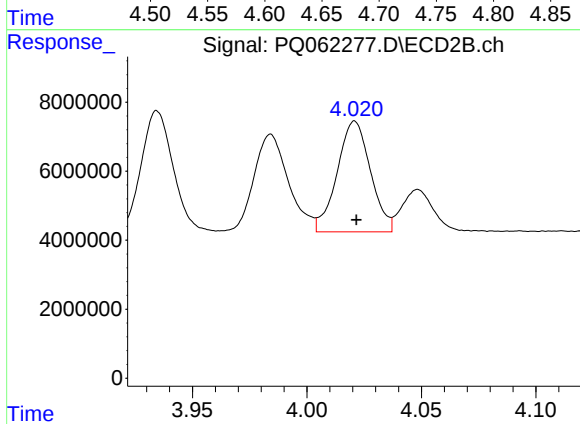
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 34061575
Conc: 985.72 ng/ml



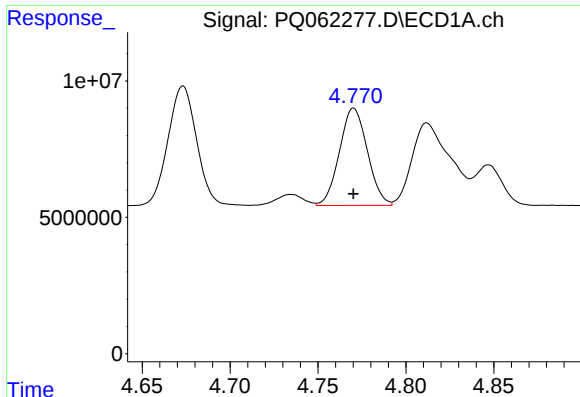
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 49582754
Conc: 874.99 ng/ml



#14 AR-1232-4

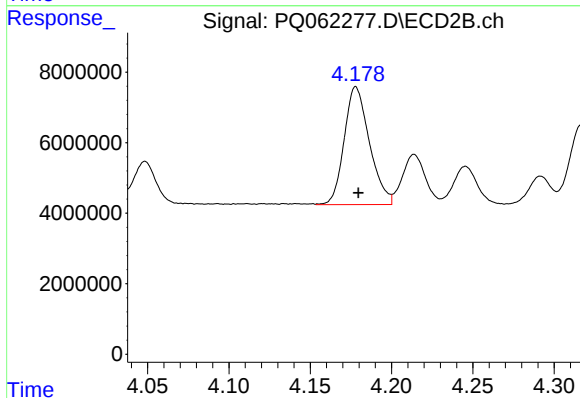
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 32577361
Conc: 1095.41 ng/ml



#15 AR-1232-5

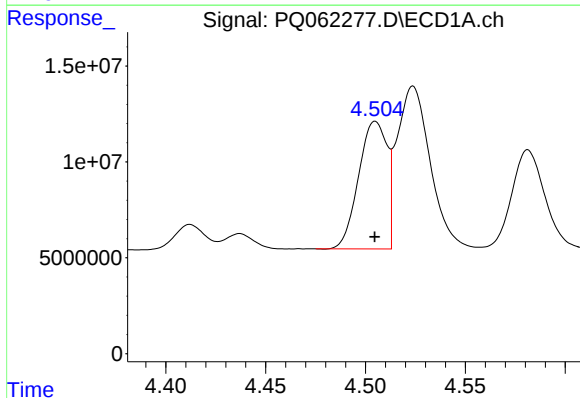
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 39516846
Conc: 986.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



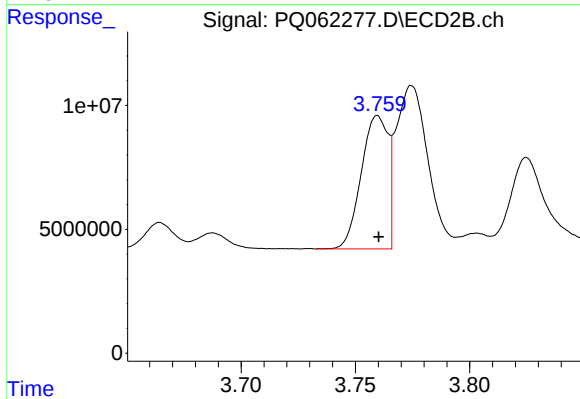
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 36173739
Conc: 1014.38 ng/ml



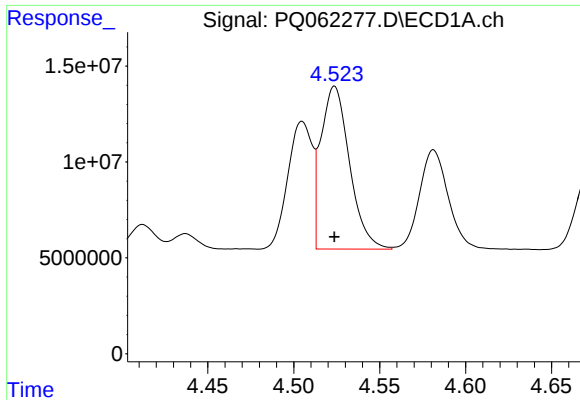
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 65935029
Conc: 504.46 ng/ml



#16 AR-1242-1

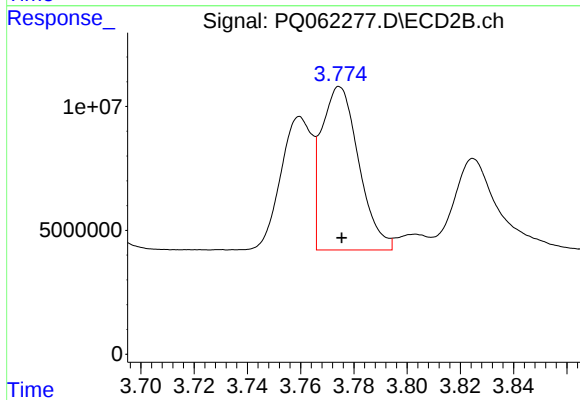
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 43833824
Conc: 566.77 ng/ml



#17 AR-1242-2

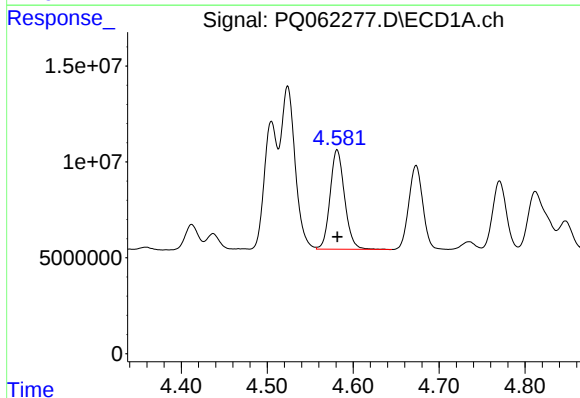
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 98531737
Conc: 507.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



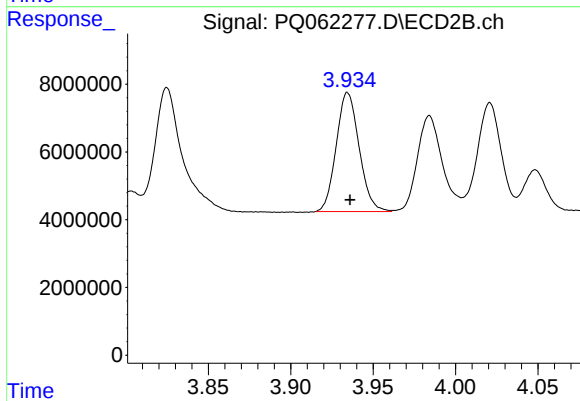
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 64181253
Conc: 577.38 ng/ml



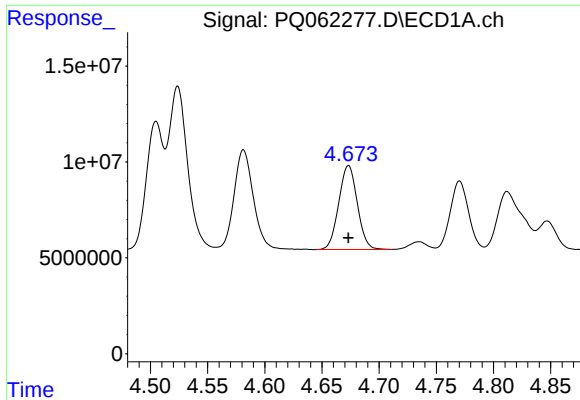
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 60875803
Conc: 503.75 ng/ml



#18 AR-1242-3

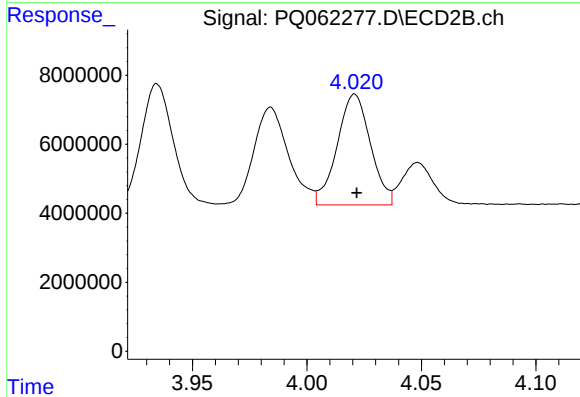
R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 34061575
Conc: 581.49 ng/ml



#19 AR-1242-4

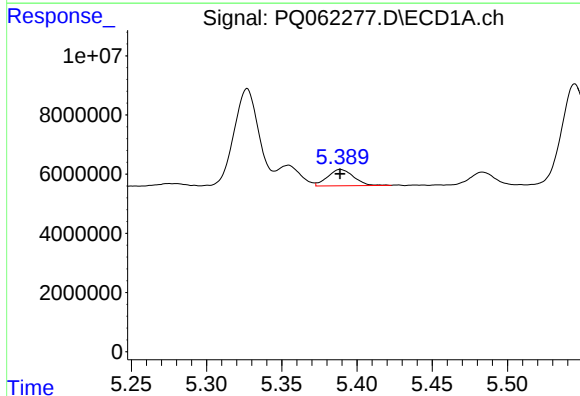
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 49582754
Conc: 508.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



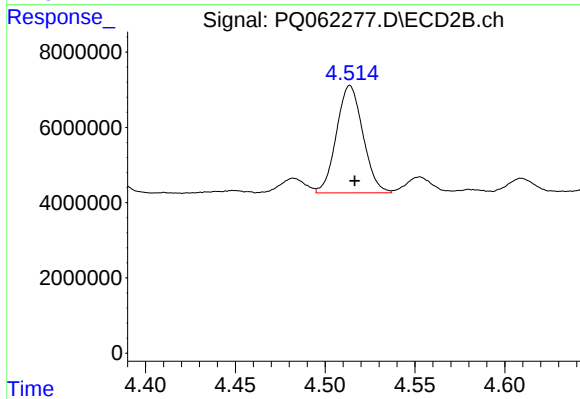
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 32577361
Conc: 555.66 ng/ml



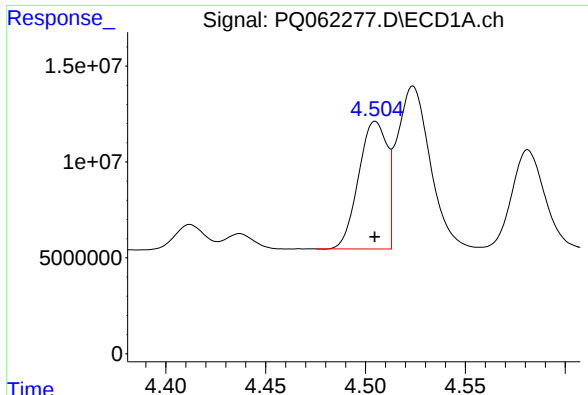
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 6612057
Conc: 69.07 ng/ml



#20 AR-1242-5

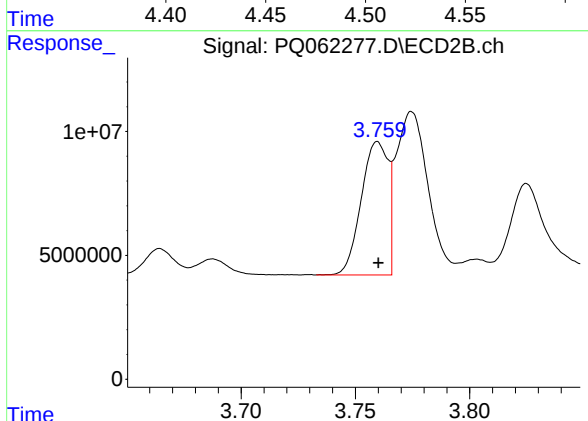
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 29255061
Conc: 352.93 ng/ml



#21 AR-1248-1

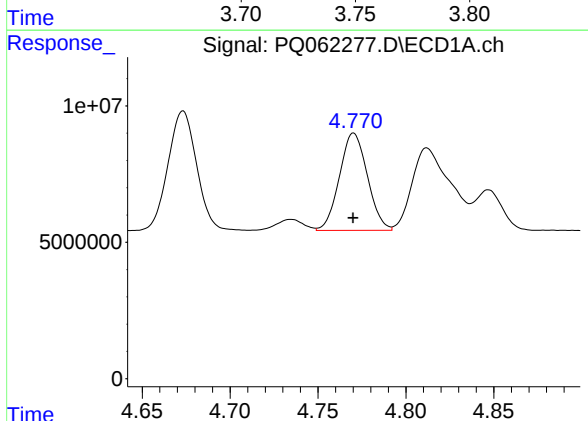
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 65935029
Conc: 634.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



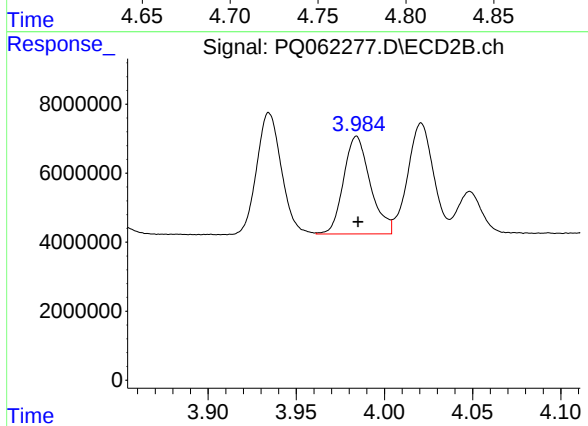
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 43833824
Conc: 701.11 ng/ml



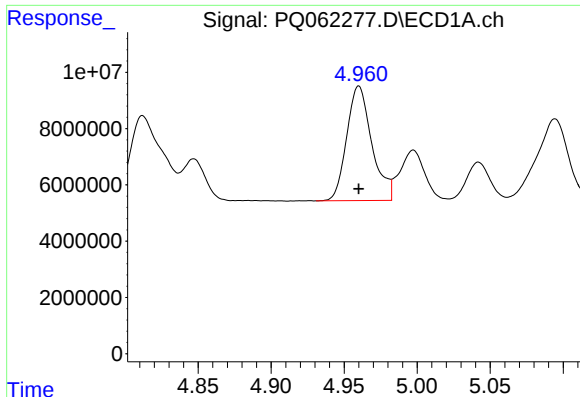
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 39516846
Conc: 275.07 ng/ml



#22 AR-1248-2

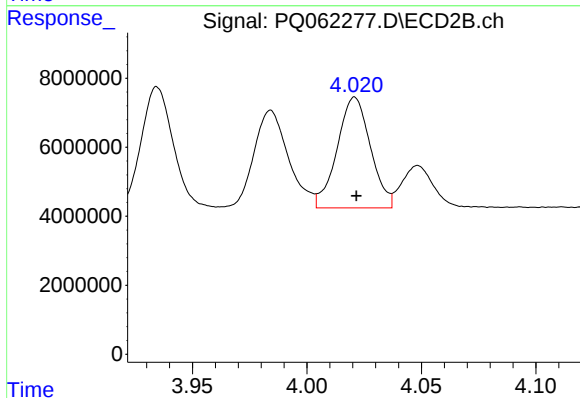
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 29852295
Conc: 318.36 ng/ml



#23 AR-1248-3

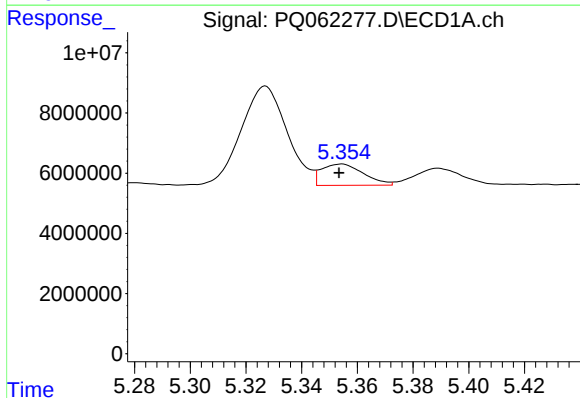
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 48702515
Conc: 280.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



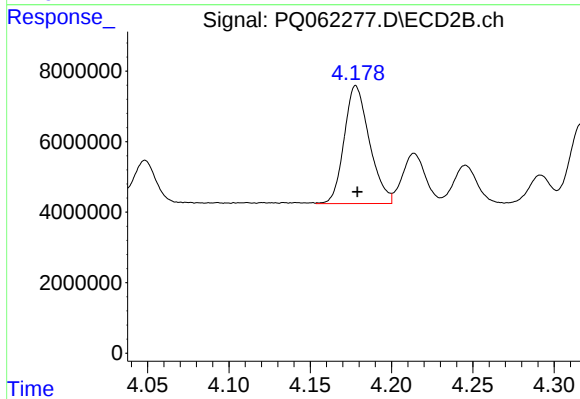
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 32577361
Conc: 359.80 ng/ml



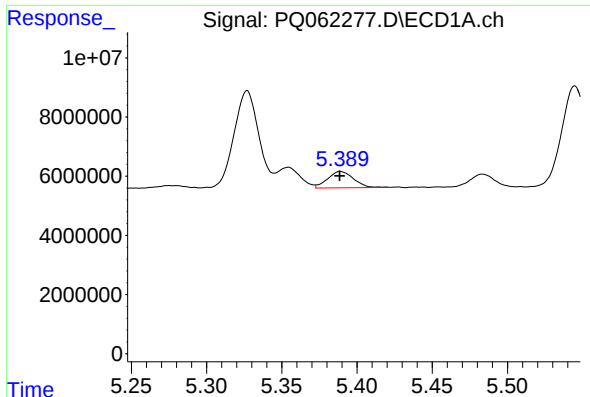
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 7422299
Conc: 38.67 ng/ml



#24 AR-1248-4

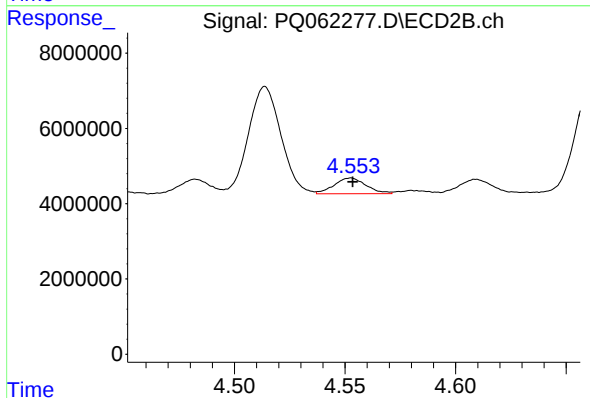
R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 36173739
Conc: 320.58 ng/ml



#25 AR-1248-5

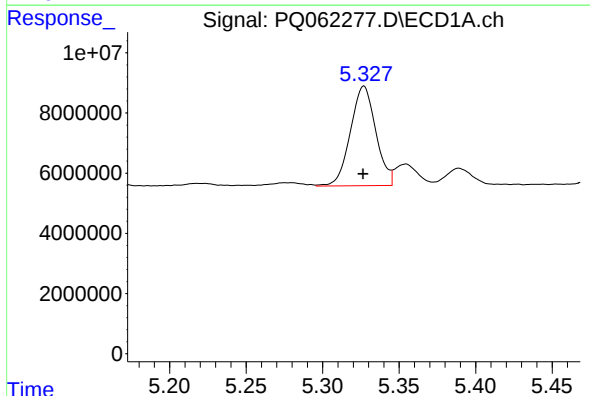
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 6612057
Conc: 36.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



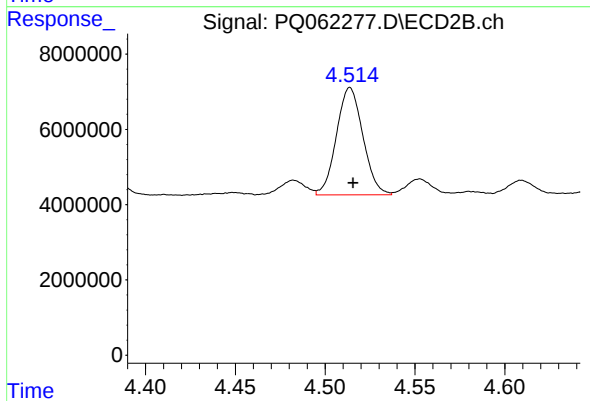
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 4192453
Conc: 37.42 ng/ml



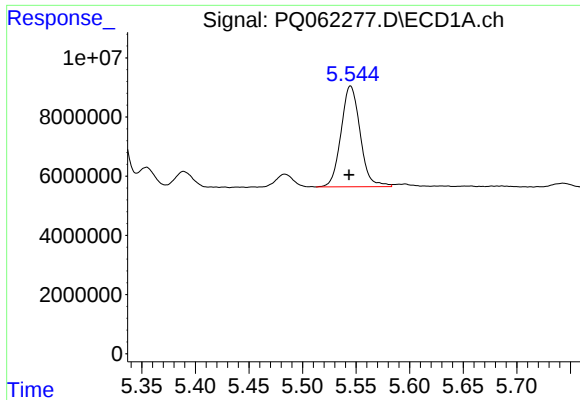
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 38305482
Conc: 206.14 ng/ml



#26 AR-1254-1

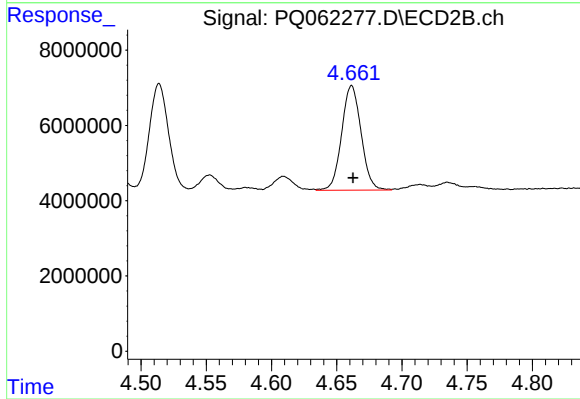
R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 29255061
Conc: 181.19 ng/ml



#27 AR-1254-2

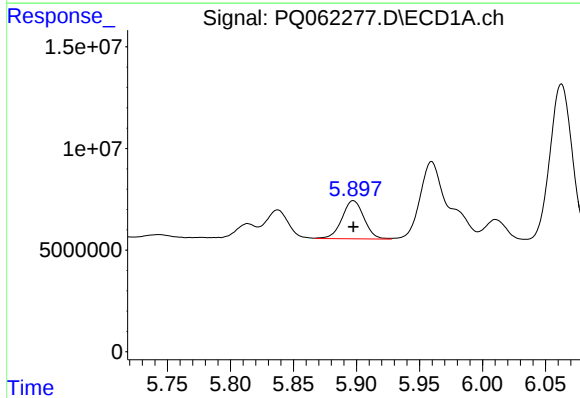
R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 42335345
Conc: 145.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



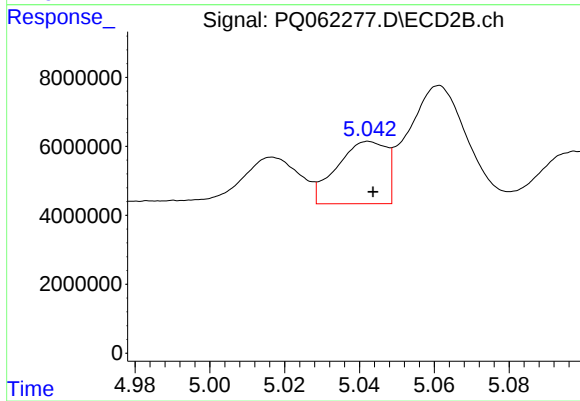
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 28804521
Conc: 195.65 ng/ml



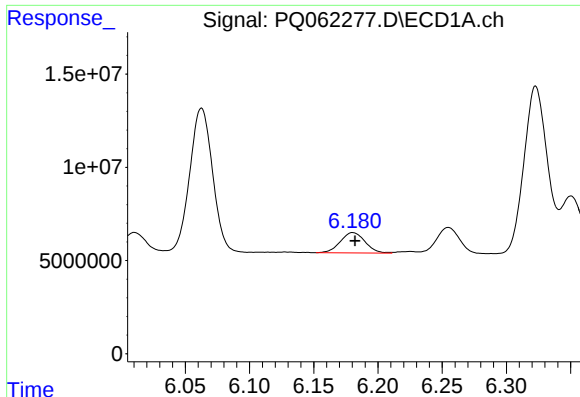
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 22859898
Conc: 74.43 ng/ml



#28 AR-1254-3

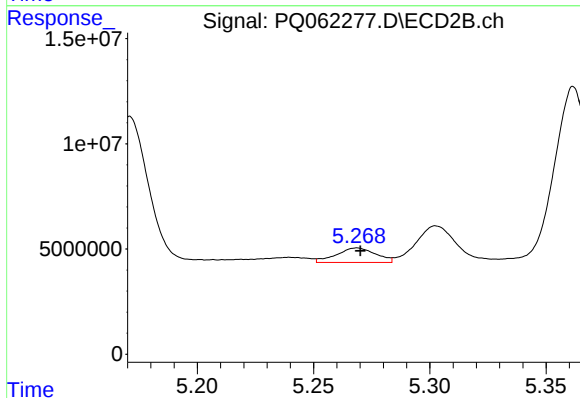
R.T.: 5.042 min
Delta R.T.: -0.001 min
Response: 16585759
Conc: 70.97 ng/ml



#29 AR-1254-4

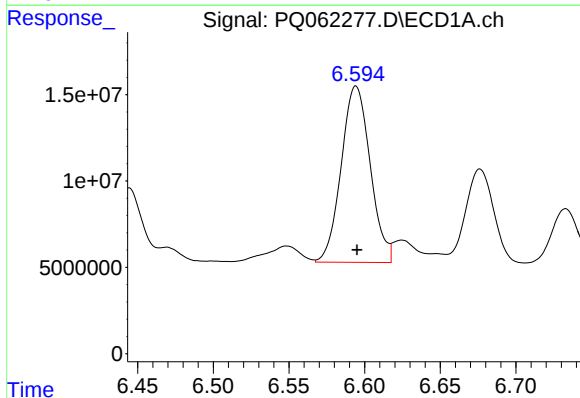
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 14674797
Conc: 63.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



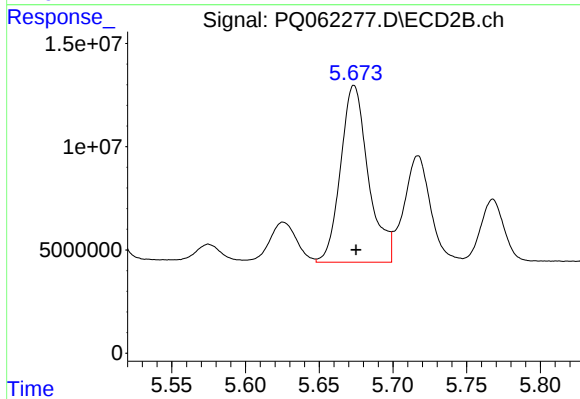
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 8159774
Conc: 53.54 ng/ml



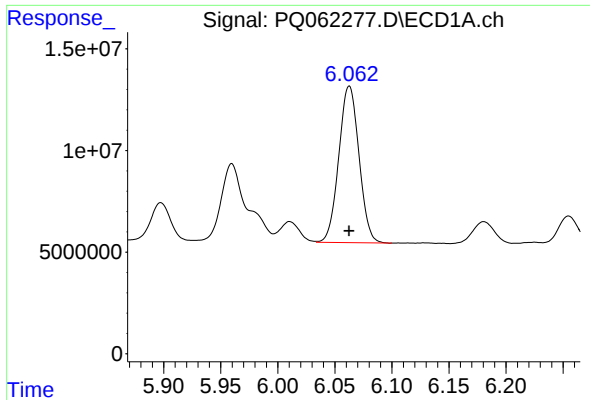
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 136228811
Conc: 530.34 ng/ml



#30 AR-1254-5

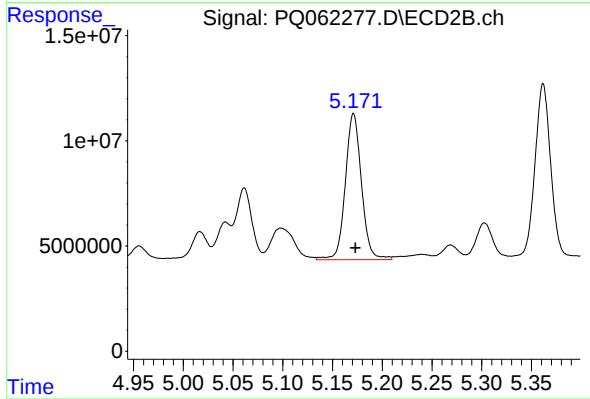
R.T.: 5.674 min
Delta R.T.: -0.001 min
Response: 112364312
Conc: 486.85 ng/ml



#31 AR-1260-1

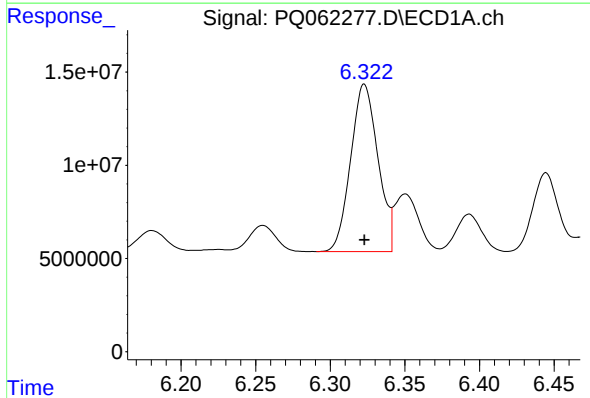
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 94951627
Conc: 402.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



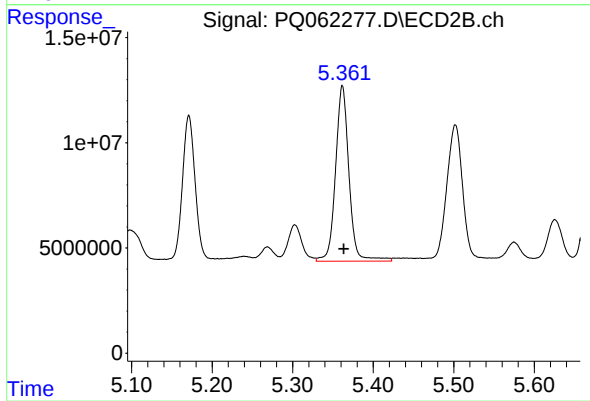
#31 AR-1260-1

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 78644364
Conc: 472.19 ng/ml



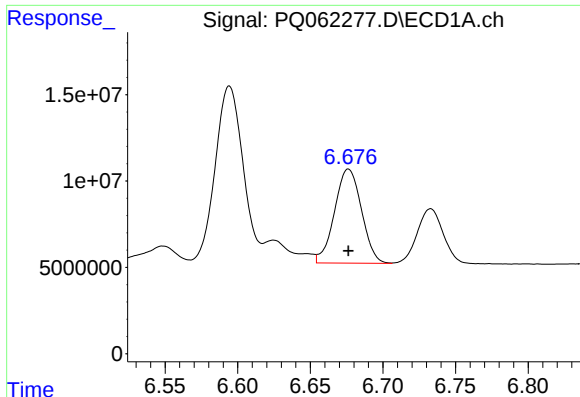
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 114365298
Conc: 395.98 ng/ml



#32 AR-1260-2

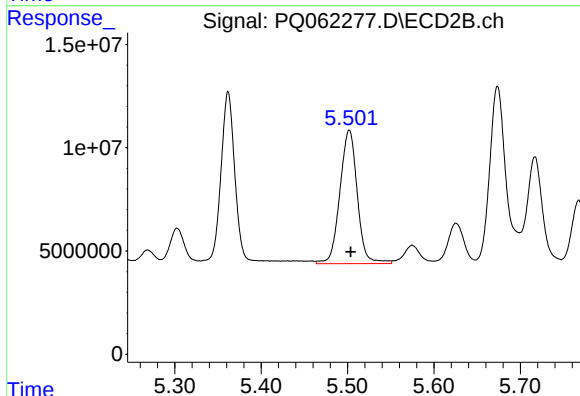
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 96743686
Conc: 465.23 ng/ml



#33 AR-1260-3

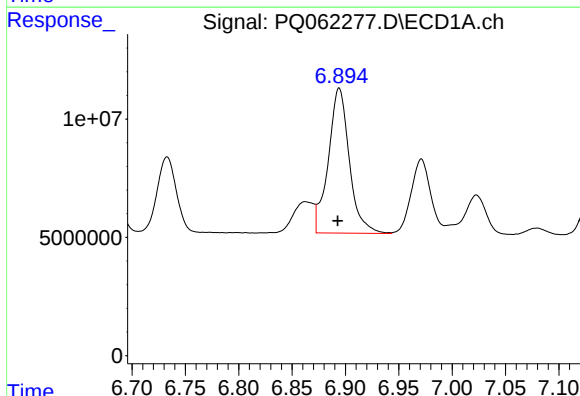
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 70407601
Conc: 398.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



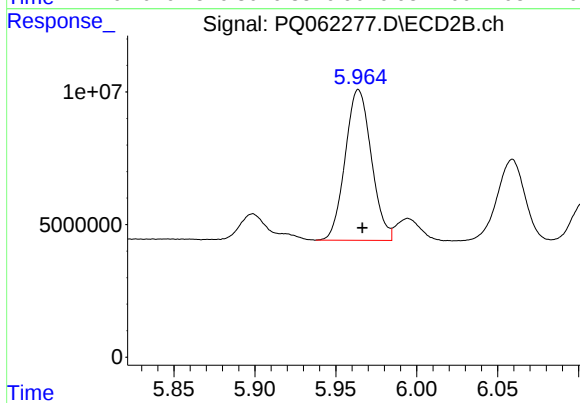
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 90593320
Conc: 465.63 ng/ml



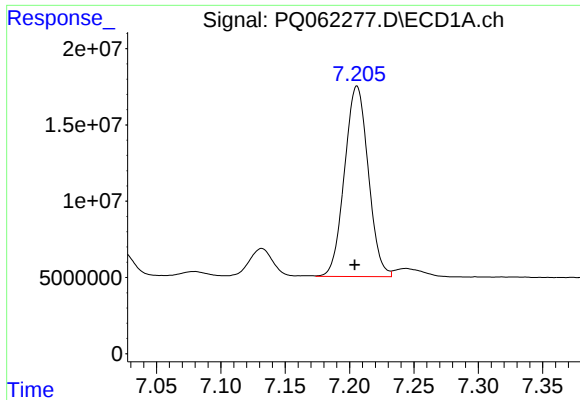
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.001 min
Response: 83951578
Conc: 398.54 ng/ml



#34 AR-1260-4

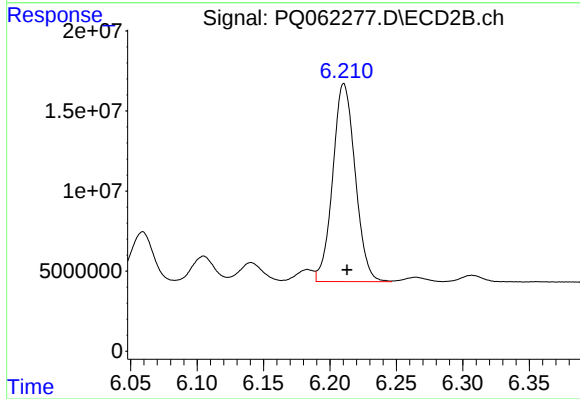
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 63951756
Conc: 438.44 ng/ml



#35 AR-1260-5

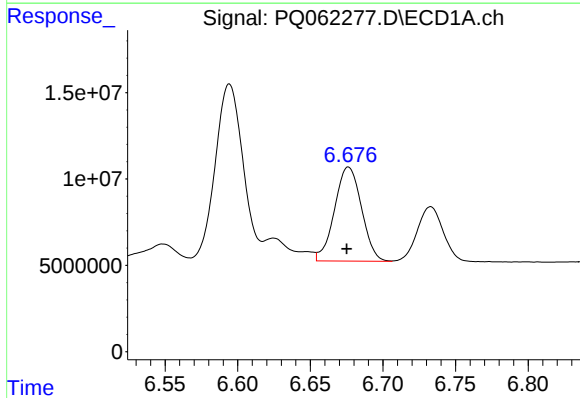
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 160251823
Conc: 390.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



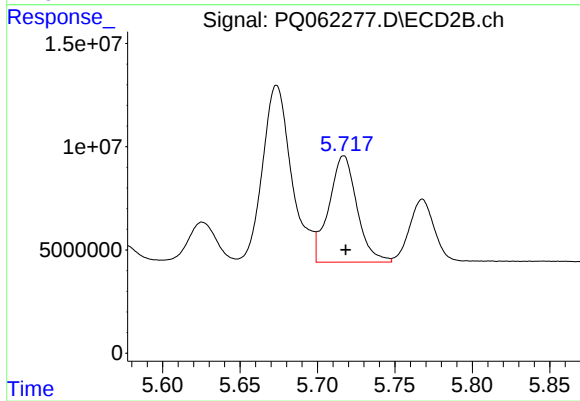
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 145256140
Conc: 437.44 ng/ml



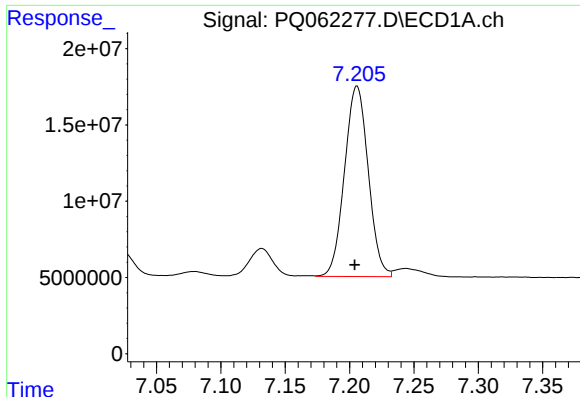
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 70407601
Conc: 230.89 ng/ml



#36 AR-1262-1

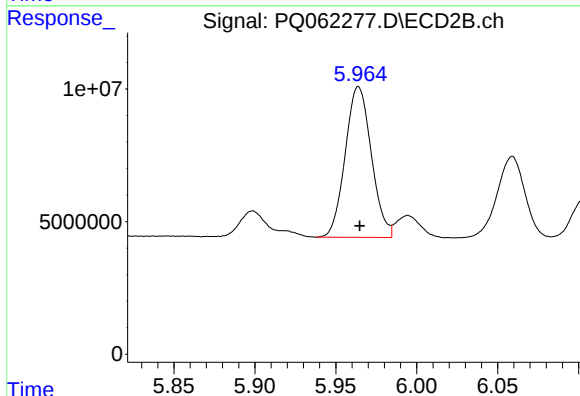
R.T.: 5.717 min
Delta R.T.: -0.001 min
Response: 65058657
Conc: 279.86 ng/ml



#37 AR-1262-2

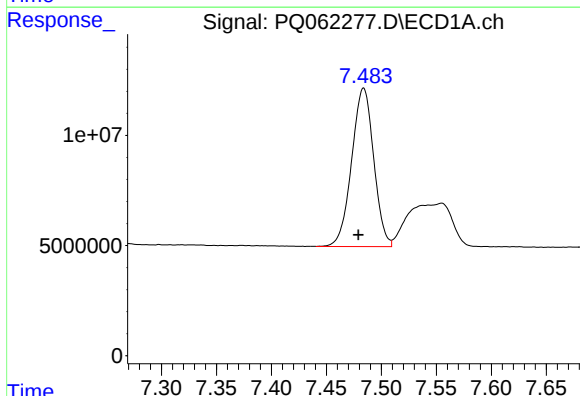
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 160251823
Conc: 304.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



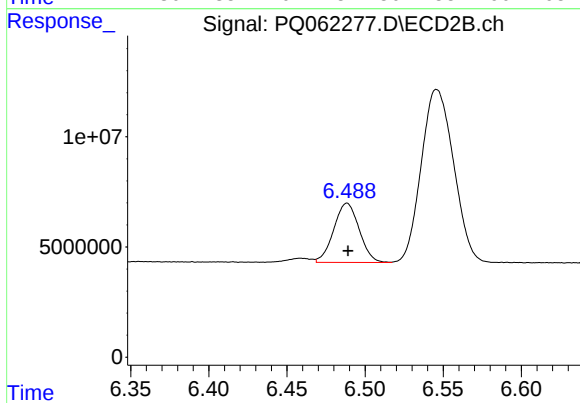
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 63951756
Conc: 295.79 ng/ml



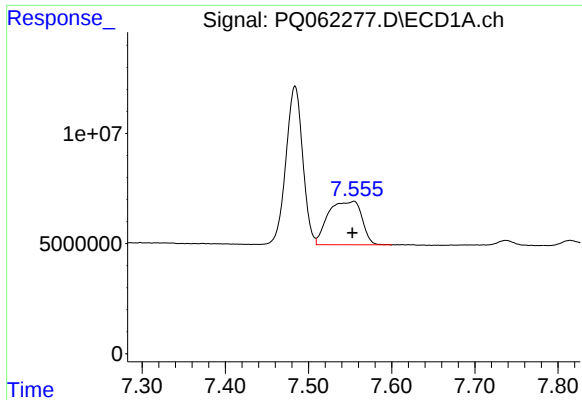
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 100392238
Conc: 284.96 ng/ml



#38 AR-1262-3

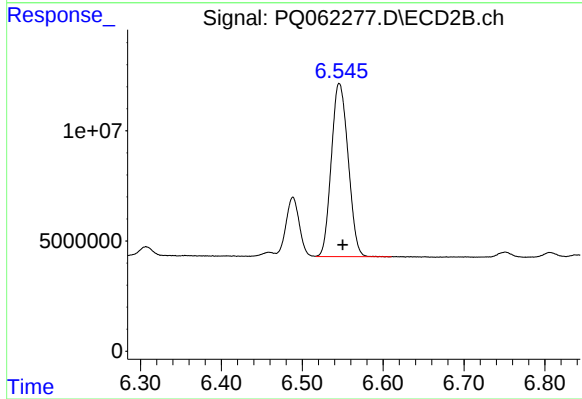
R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 30459774
Conc: 174.73 ng/ml



#39 AR-1262-4

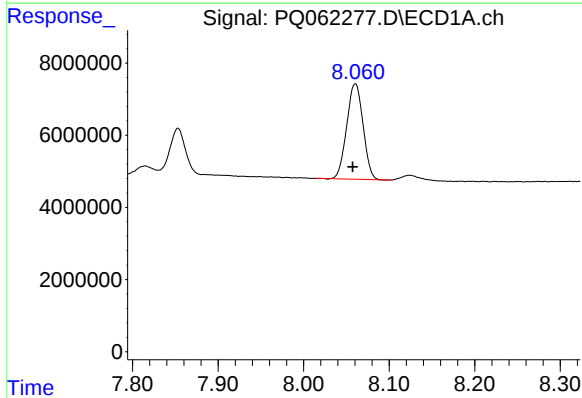
R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 55248293
Conc: 207.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



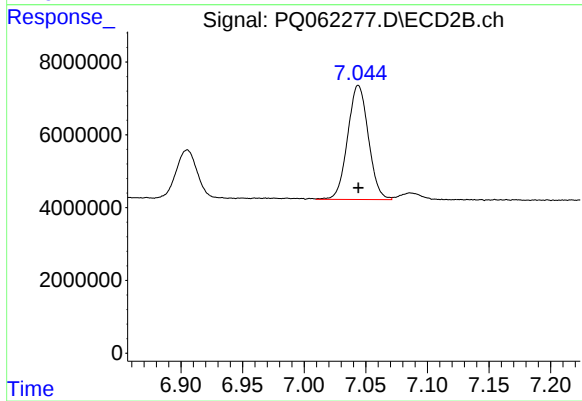
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 113293714
Conc: 351.52 ng/ml



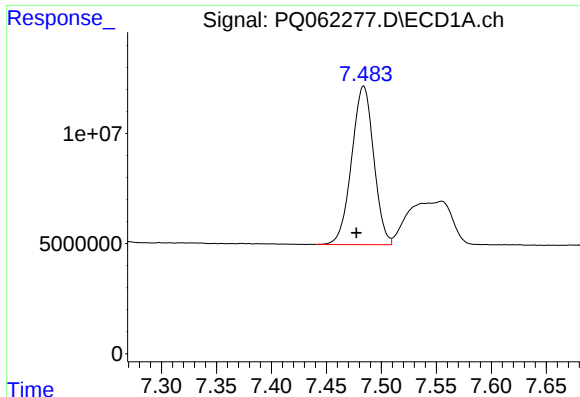
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.003 min
Response: 35190869
Conc: 198.25 ng/ml



#40 AR-1262-5

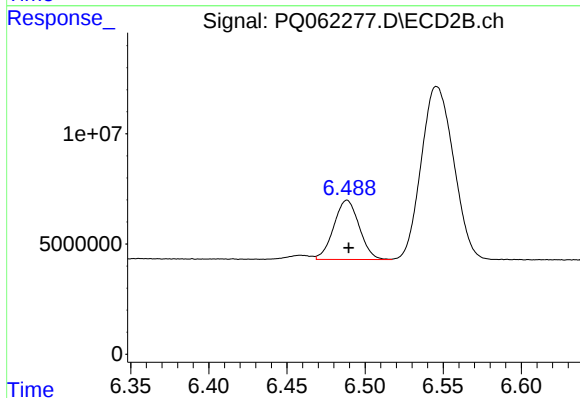
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 36795087
Conc: 237.21 ng/ml



#41 AR-1268-1

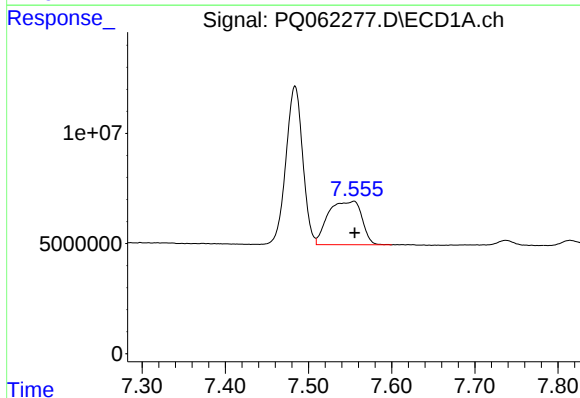
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 100392238
Conc: 176.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



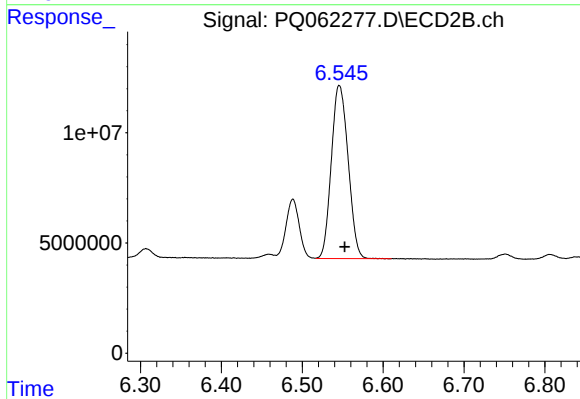
#41 AR-1268-1

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 30459774
Conc: 64.73 ng/ml



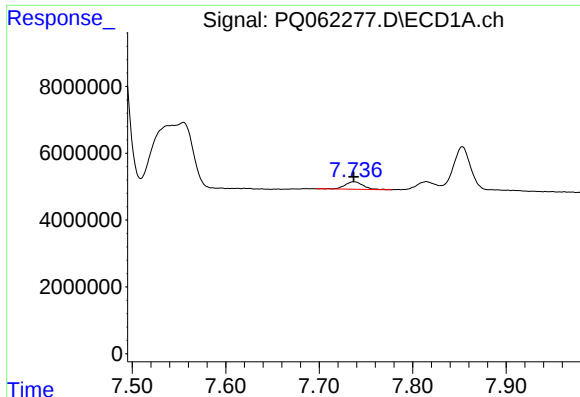
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.001 min
Response: 55248293
Conc: 108.36 ng/ml



#42 AR-1268-2

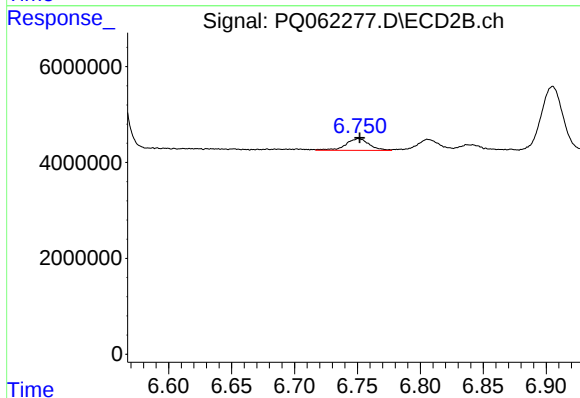
R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 113293714
Conc: 267.39 ng/ml



#43 AR-1268-3

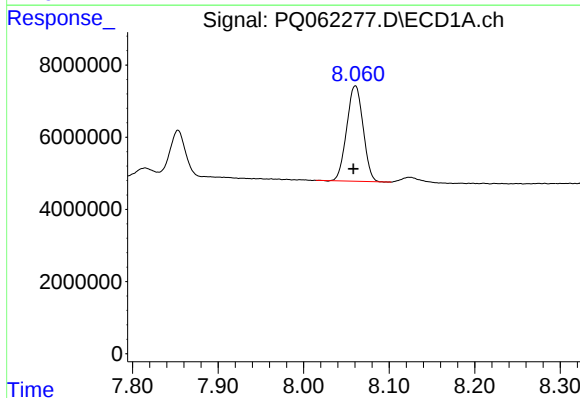
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3062691
Conc: 7.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



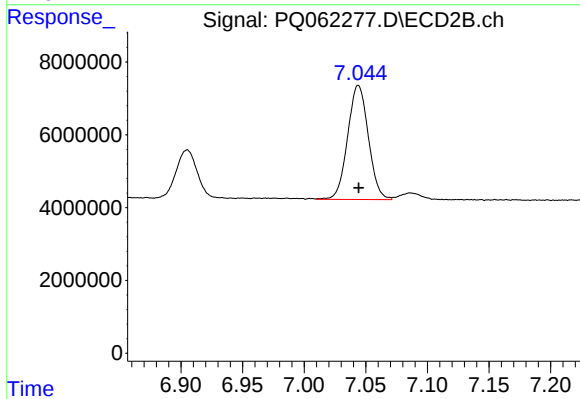
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 3202001
Conc: 8.69 ng/ml



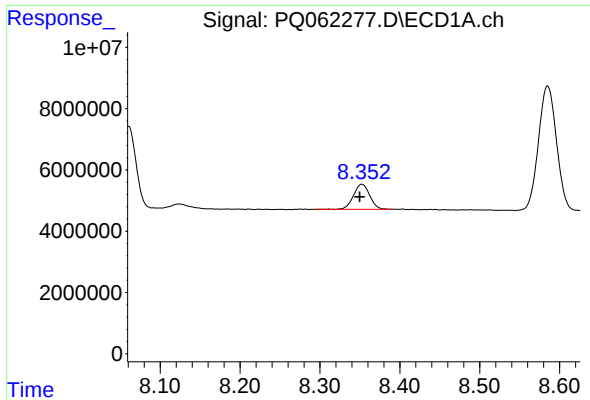
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 35190869
Conc: 192.32 ng/ml



#44 AR-1268-4

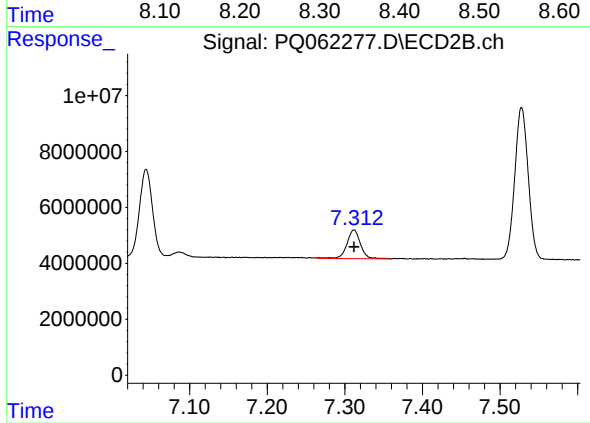
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 36795087
Conc: 230.06 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.003 min
Response: 11458344
Conc: 9.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 12456795
Conc: 10.67 ng/ml