

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062823\
 Data File : PQ061726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2023 17:40
 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 28 18:14:16 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	220.5E6	126.8E6	49.063	47.470
2)	SA Decachlor...	8.583	7.530	163.8E6	166.7E6	48.614	49.674
Target Compounds							
3)	L1 AR-1016-1	4.505	3.762	77883022	50499672	505.904	489.616
4)	L1 AR-1016-2	4.524	3.777	113.0E6	71923199	495.110	482.757
5)	L1 AR-1016-3	4.581	3.937	69463763	39111125	488.832	494.916
6)	L1 AR-1016-4	4.673	3.986	57544049	33691221	499.784	474.475
7)	L1 AR-1016-5	4.960	4.181	56271342	41865978	486.891	489.011
8)	L2 AR-1221-1	3.601	2.961	7391463	4549308	131.730	127.768
9)	L2 AR-1221-2	3.684	3.037	10604079	6695821	251.281	243.110
10)	L2 AR-1221-3	3.753	3.106	40760470	25449268	310.956	300.320
11)	L3 AR-1232-1	3.753	3.106	40760470	25449268	426.416	413.253
12)	L3 AR-1232-2	4.246	3.777	56880873	71923199	1035.408	1043.913
13)	L3 AR-1232-3	4.524	3.937	113.0E6	39111125	1081.437	1081.607
14)	L3 AR-1232-4	4.673	4.023	57544049	37213220	1084.559	1154.584
15)	L3 AR-1232-5	4.771	4.181	44619391	41865978	1183.147	1092.413
16)	L4 AR-1242-1	4.505	3.762	77883022	50499672	686.384	659.357
17)	L4 AR-1242-2	4.524	3.777	113.0E6	71923199	665.299	648.985
18)	L4 AR-1242-3	4.581	3.937	69463763	39111125	649.311	660.857
19)	L4 AR-1242-4	4.673	4.023	57544049	37213220	663.026	621.406
20)	L4 AR-1242-5	5.391	4.517	4612729	35164613	52.010	439.174 #
21)	L5 AR-1248-1	4.505	3.762	77883022	50499672	864.368	811.428
22)	L5 AR-1248-2	4.771	3.986	44619391	33691221	350.987	348.568
23)	L5 AR-1248-3	4.960	4.023	56271342	37213220	365.302	407.088
24)	L5 AR-1248-4	5.354	4.181	9037907	41865978	53.243	369.739 #
25)	L5 AR-1248-5	5.391	4.554	4612729	6161121	28.156	55.941 #
26)	L6 AR-1254-1	5.326	4.517	44662298	35164613	261.487	213.837
27)	L6 AR-1254-2	5.545	4.664	49588646	34832002	185.458	231.587
28)	L6 AR-1254-3	5.897	5.045	27684278	17683263	99.069	75.992
29)	L6 AR-1254-4	6.180	5.271	17693347	6526126	86.442	45.424 #
30)	L6 AR-1254-5	6.594	5.676	156.0E6	129.7E6	661.206	568.732
31)	L7 AR-1260-1	6.063	5.174	107.6E6	84858303	484.464	493.335
32)	L7 AR-1260-2	6.323	5.364	131.3E6	105.5E6	493.521	509.275
33)	L7 AR-1260-3	6.677	5.505	79725266	98124323	474.139	494.047
34)	L7 AR-1260-4	6.893	5.967	95648384	74489407	476.584	506.367
35)	L7 AR-1260-5	7.205	6.214	187.8E6	168.5E6	493.472	518.857
36)	L8 AR-1262-1	6.677	5.719	79725266	73784809	266.286	304.459
37)	L8 AR-1262-2	7.205	6.214	187.8E6	168.5E6	372.510	385.489
38)	L8 AR-1262-3	7.483	6.492	119.3E6	36417344	353.041	202.075 #
39)	L8 AR-1262-4	7.552	6.549	67306395	132.7E6	262.081	400.093 #
40)	L8 AR-1262-5	8.058	7.046	42207142	42859320	247.827	267.169
41)	L9 AR-1268-1	7.483	6.492	119.3E6	36417344	216.629	74.125 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062823\
 Data File : PQ061726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2023 17:40
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

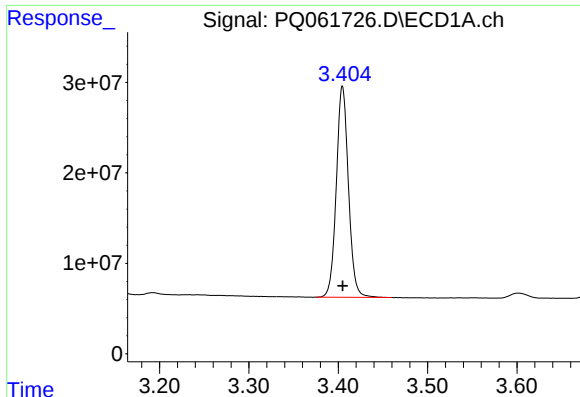
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 18:14:16 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	6.549	67306395	132.7E6	136.597	298.237 #
43) L9	AR-1268-3	7.736	6.754	3314053	3773382	8.037	9.639
44) L9	AR-1268-4	8.058	7.046	42207142	42859320	238.448	255.298
45) L9	AR-1268-5	8.350	7.314	13333318	18551609	11.218	14.960 #

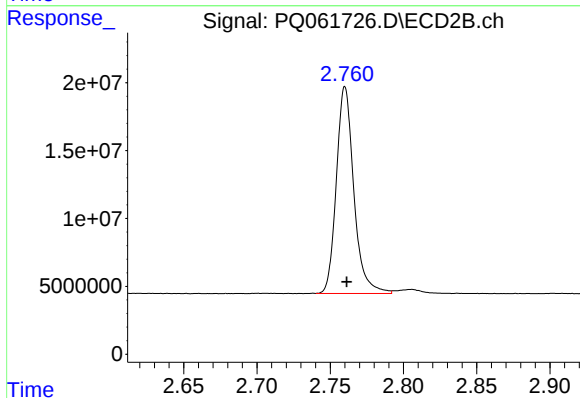
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

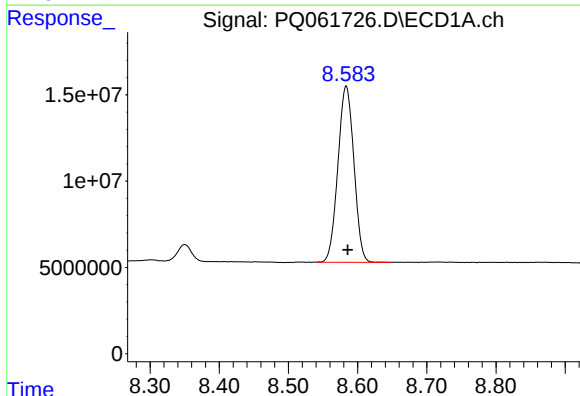
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 220537672
Conc: 49.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



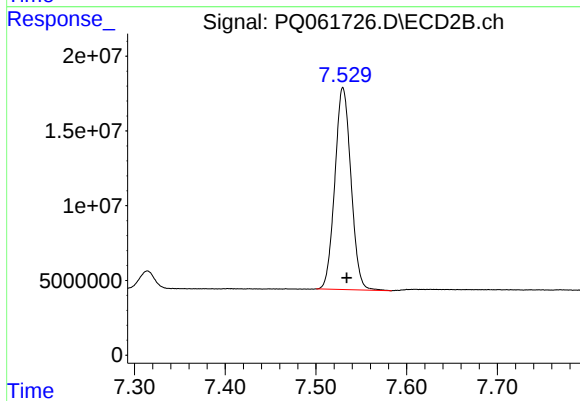
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 126761885
Conc: 47.47 ng/ml



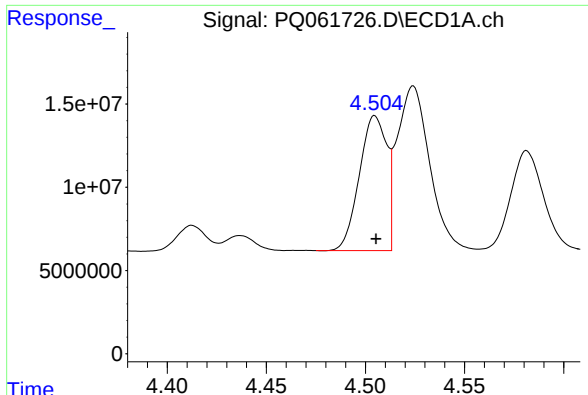
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 163765150
Conc: 48.61 ng/ml



#2 Decachlorobiphenyl

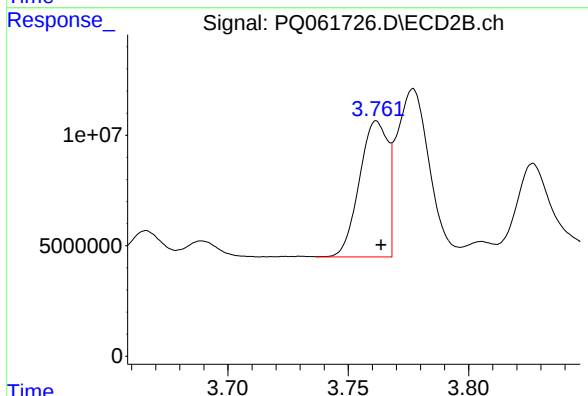
R.T.: 7.530 min
Delta R.T.: -0.004 min
Response: 166731810
Conc: 49.67 ng/ml



#3 AR-1016-1

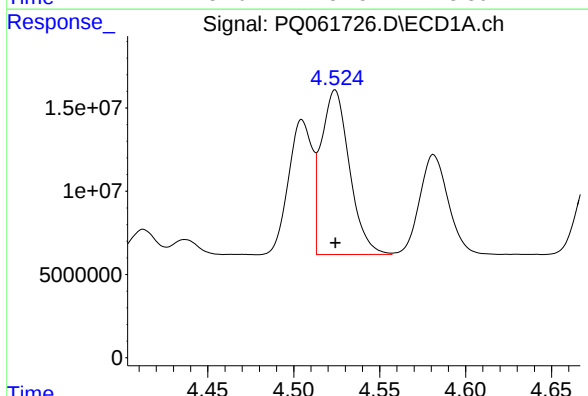
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 77883022
Conc: 505.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



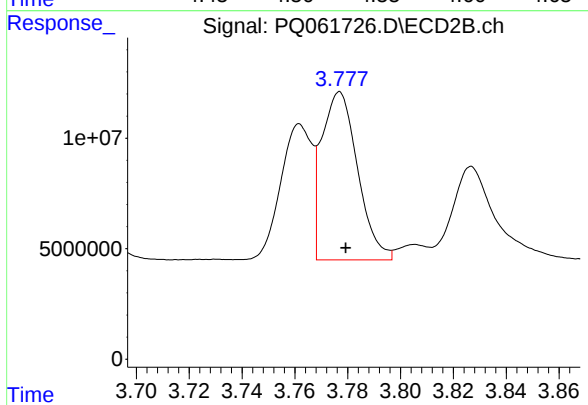
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 50499672
Conc: 489.62 ng/ml



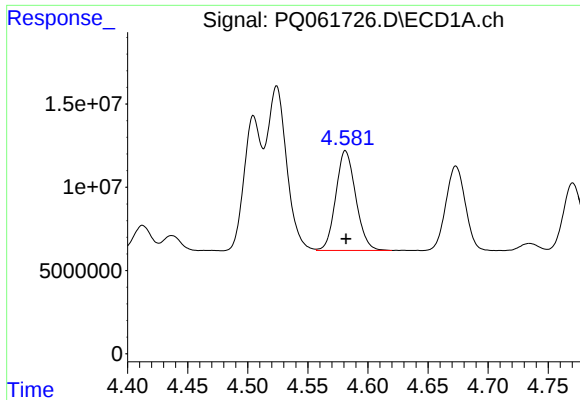
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 112966707
Conc: 495.11 ng/ml



#4 AR-1016-2

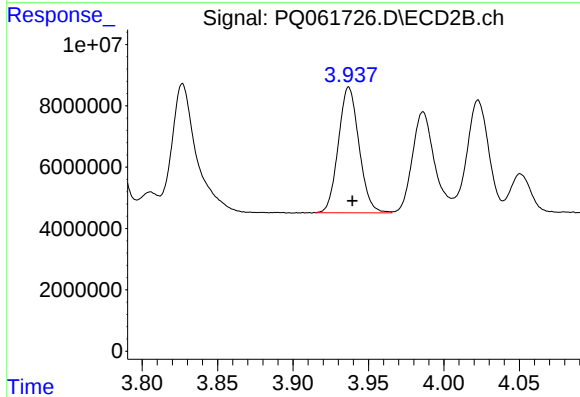
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 71923199
Conc: 482.76 ng/ml



#5 AR-1016-3

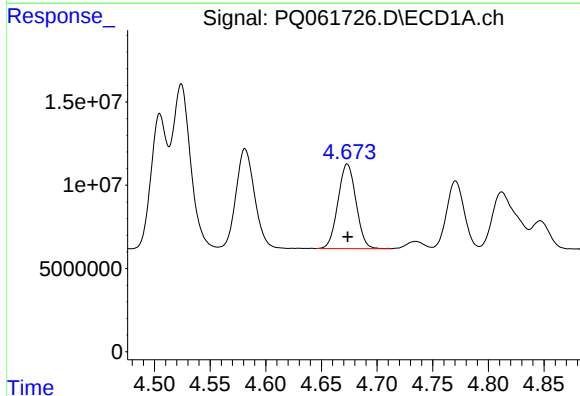
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 69463763
Conc: 488.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



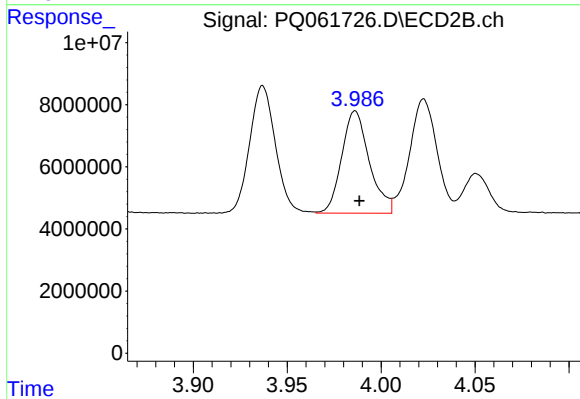
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 39111125
Conc: 494.92 ng/ml



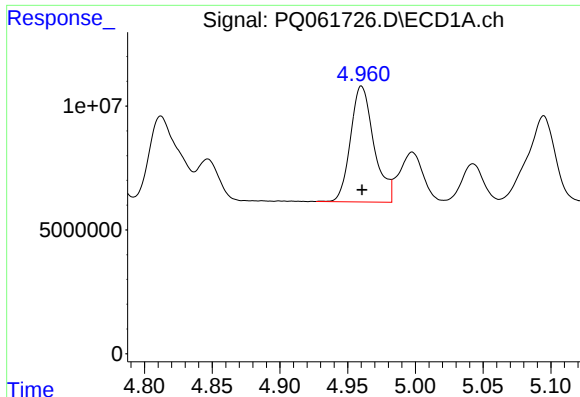
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 57544049
Conc: 499.78 ng/ml



#6 AR-1016-4

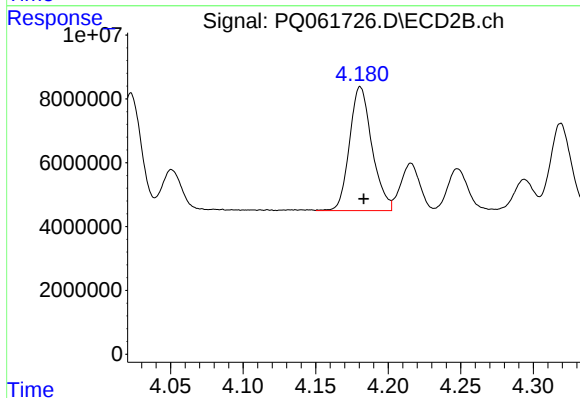
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 33691221
Conc: 474.47 ng/ml



#7 AR-1016-5

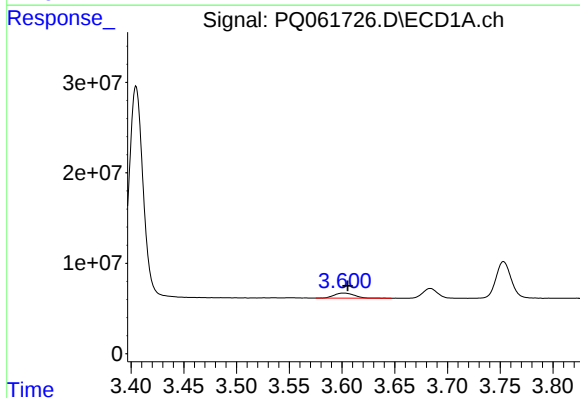
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 56271342
Conc: 486.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



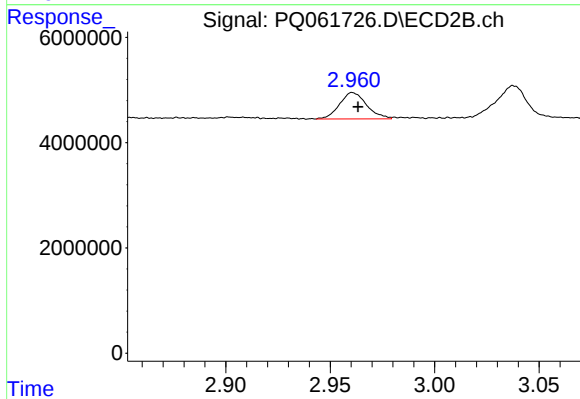
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 41865978
Conc: 489.01 ng/ml



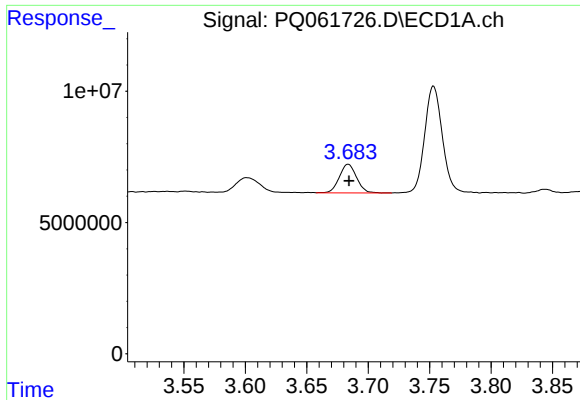
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 7391463
Conc: 131.73 ng/ml



#8 AR-1221-1

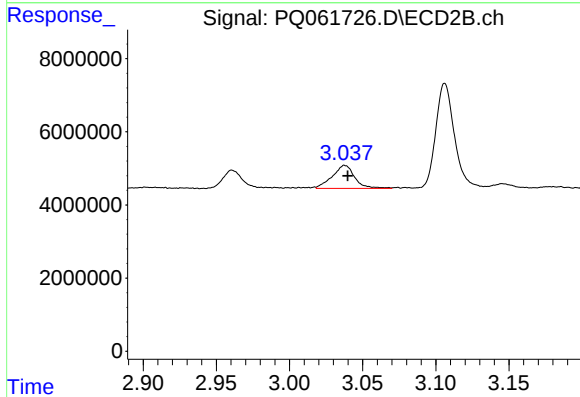
R.T.: 2.961 min
Delta R.T.: -0.003 min
Response: 4549308
Conc: 127.77 ng/ml



#9 AR-1221-2

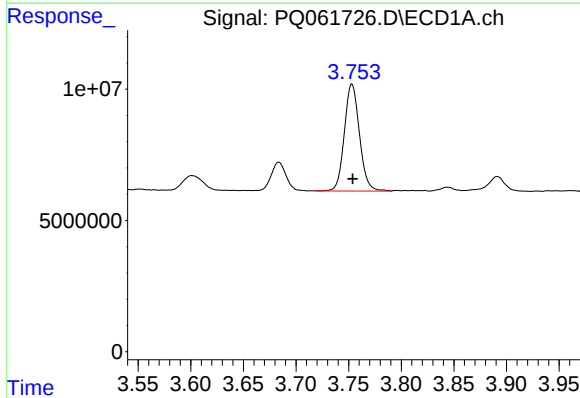
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 10604079
Conc: 251.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



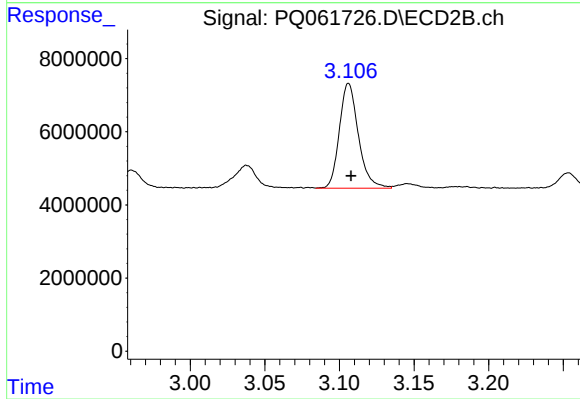
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: -0.002 min
Response: 6695821
Conc: 243.11 ng/ml



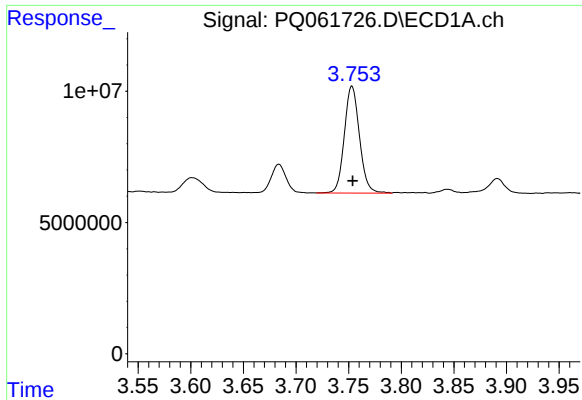
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 40760470
Conc: 310.96 ng/ml



#10 AR-1221-3

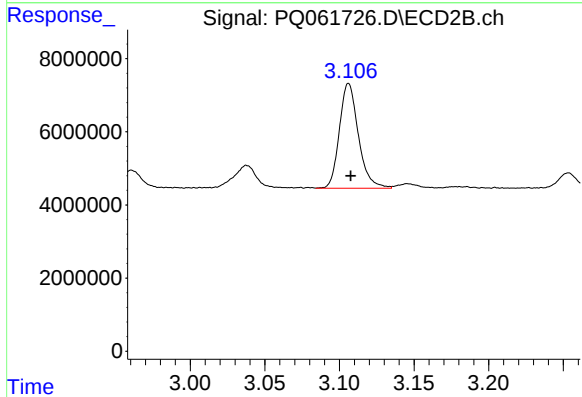
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 25449268
Conc: 300.32 ng/ml



#11 AR-1232-1

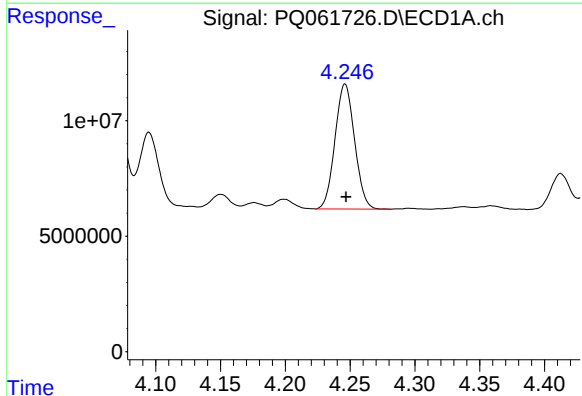
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 40760470
Conc: 426.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



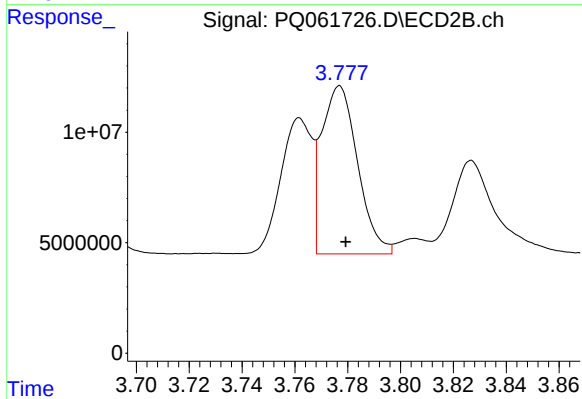
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.001 min
Response: 25449268
Conc: 413.25 ng/ml



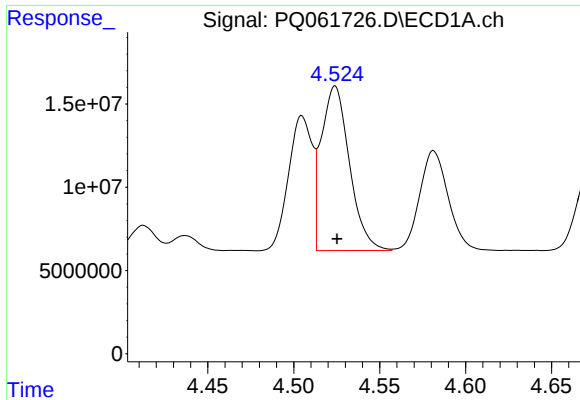
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 56880873
Conc: 1035.41 ng/ml



#12 AR-1232-2

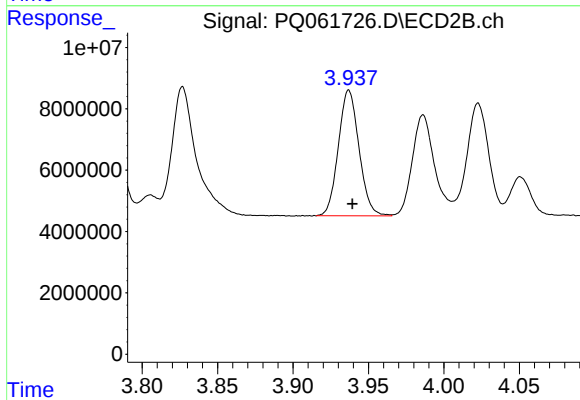
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 71923199
Conc: 1043.91 ng/ml



#13 AR-1232-3

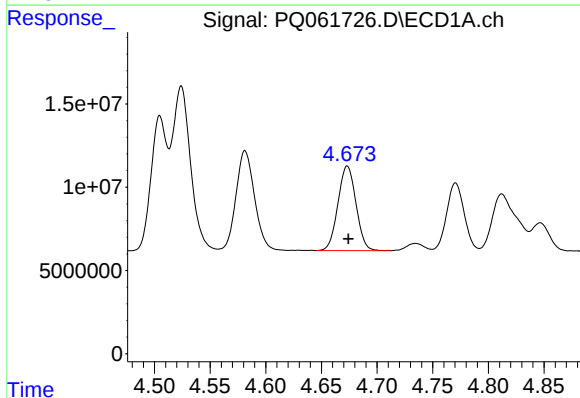
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 112966707
Conc: 1081.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



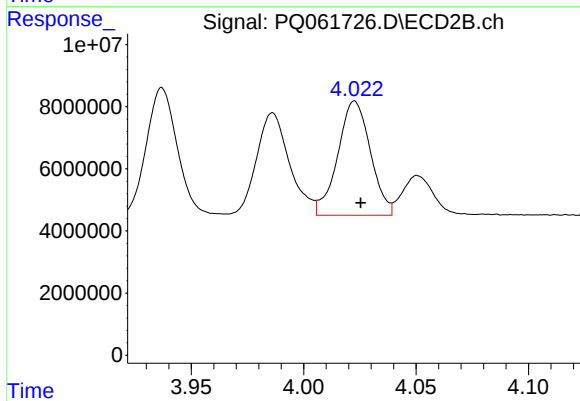
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 39111125
Conc: 1081.61 ng/ml



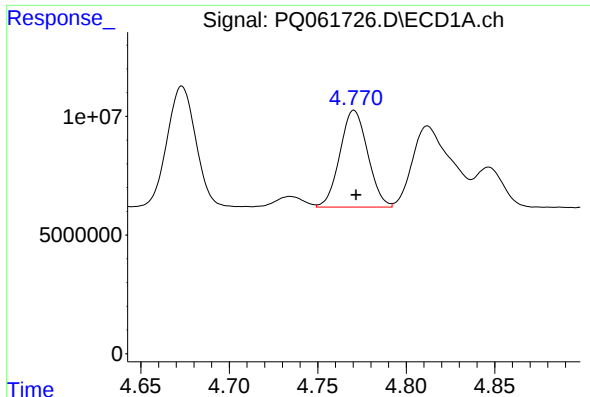
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 57544049
Conc: 1084.56 ng/ml



#14 AR-1232-4

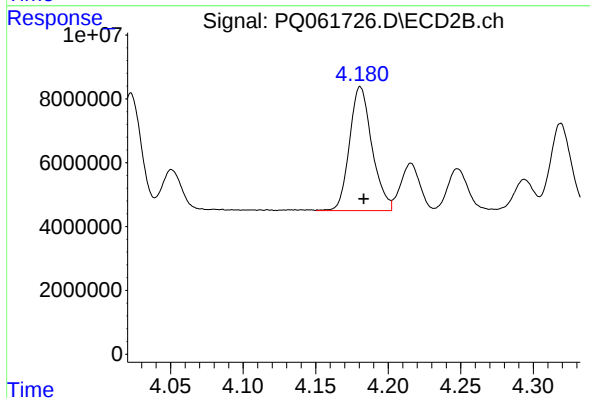
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 37213220
Conc: 1154.58 ng/ml



#15 AR-1232-5

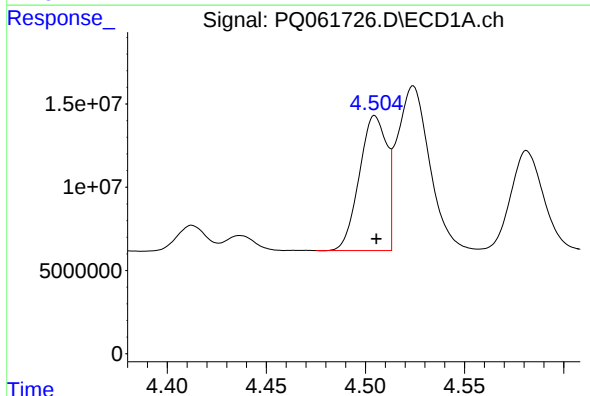
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 44619391
Conc: 1183.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



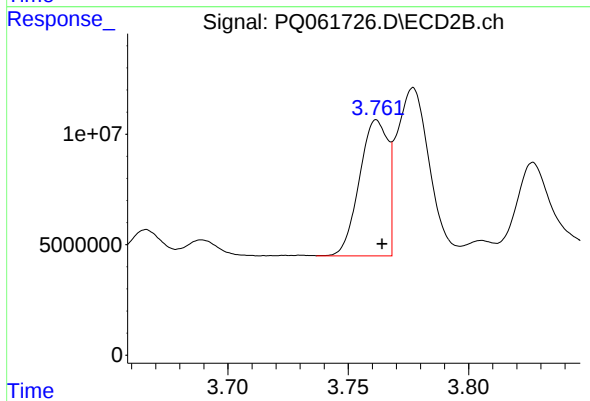
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 41865978
Conc: 1092.41 ng/ml



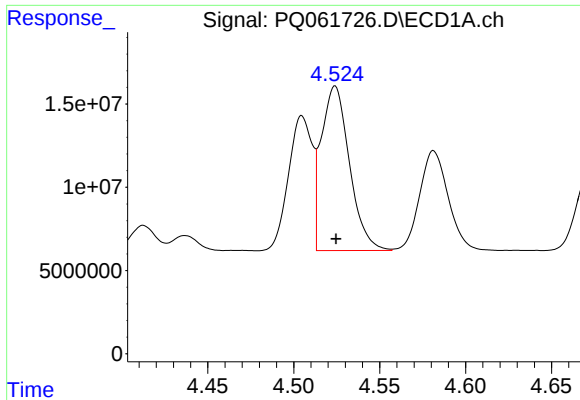
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 77883022
Conc: 686.38 ng/ml



#16 AR-1242-1

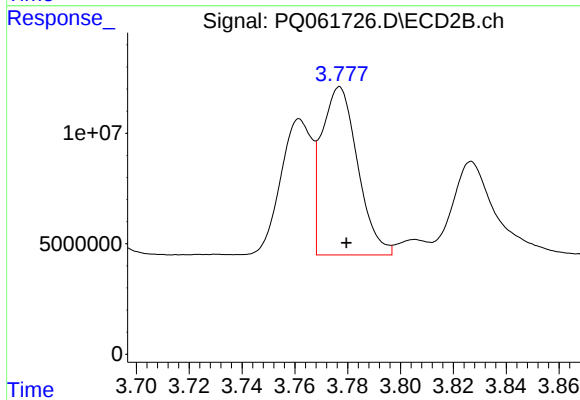
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 50499672
Conc: 659.36 ng/ml



#17 AR-1242-2

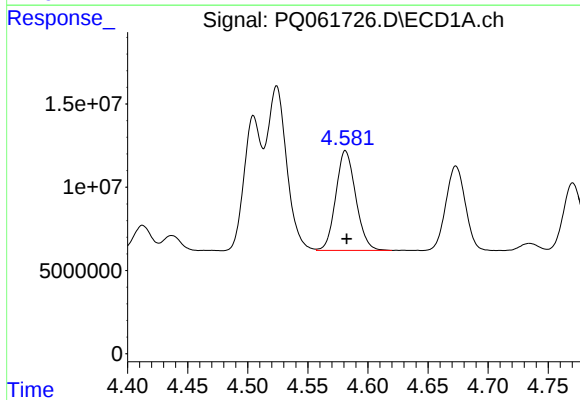
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 112966707
Conc: 665.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



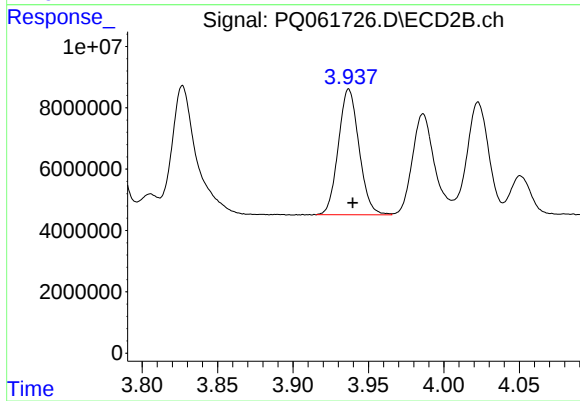
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 71923199
Conc: 648.99 ng/ml



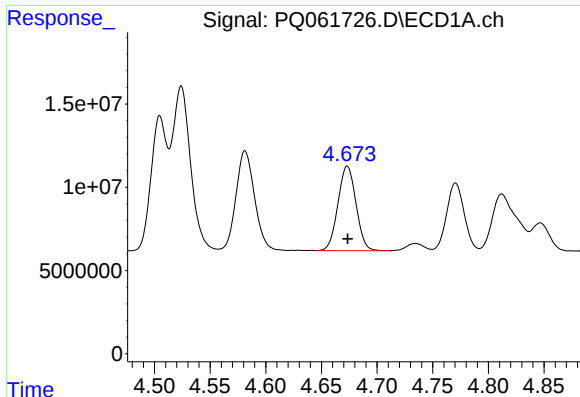
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 69463763
Conc: 649.31 ng/ml



#18 AR-1242-3

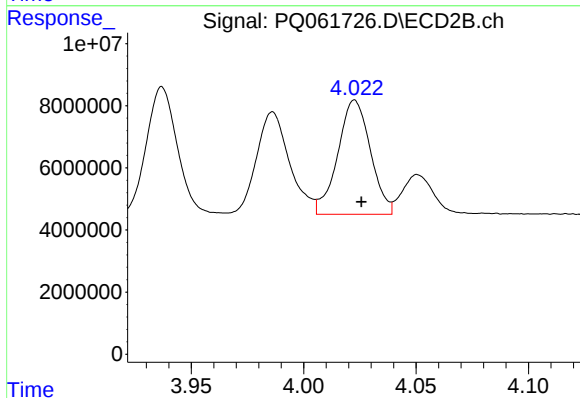
R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 39111125
Conc: 660.86 ng/ml



#19 AR-1242-4

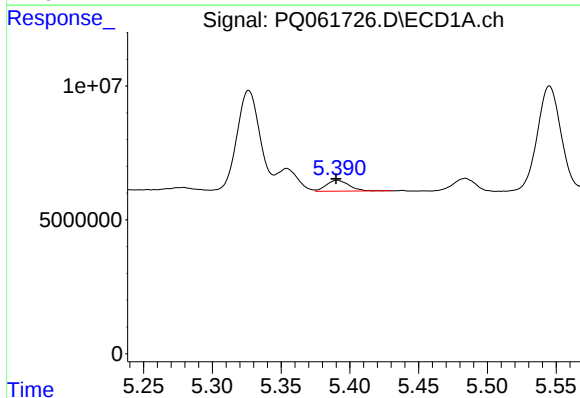
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 57544049
Conc: 663.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



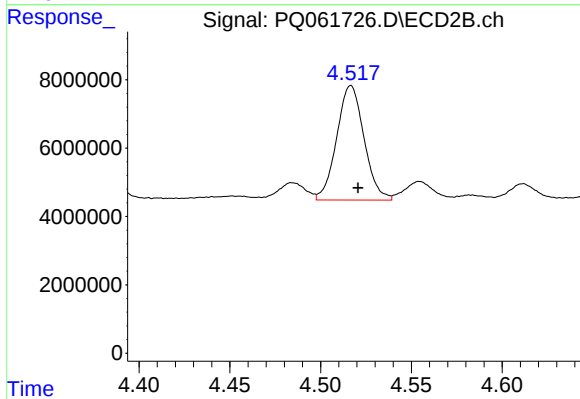
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 37213220
Conc: 621.41 ng/ml



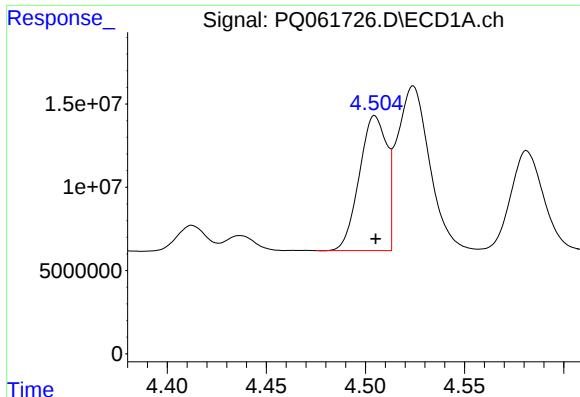
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 4612729
Conc: 52.01 ng/ml



#20 AR-1242-5

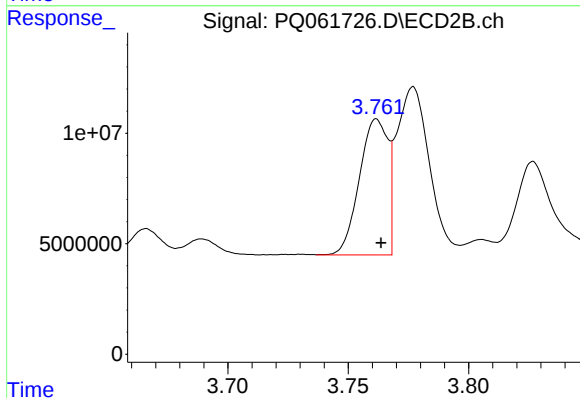
R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 35164613
Conc: 439.17 ng/ml



#21 AR-1248-1

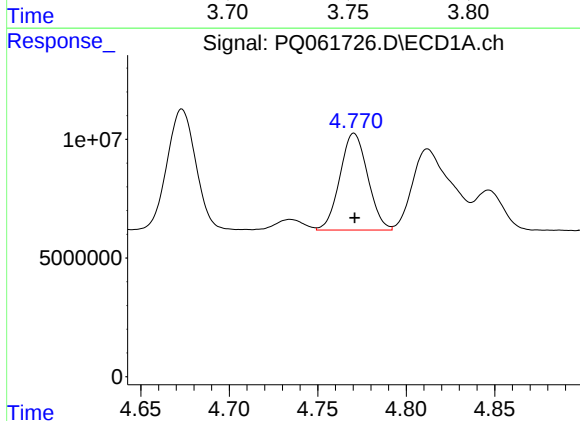
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 77883022
Conc: 864.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



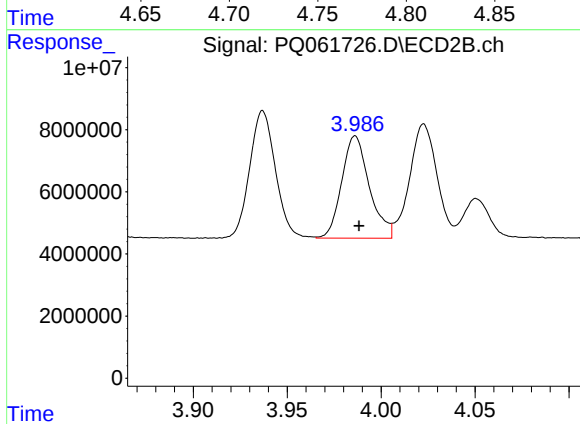
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 50499672
Conc: 811.43 ng/ml



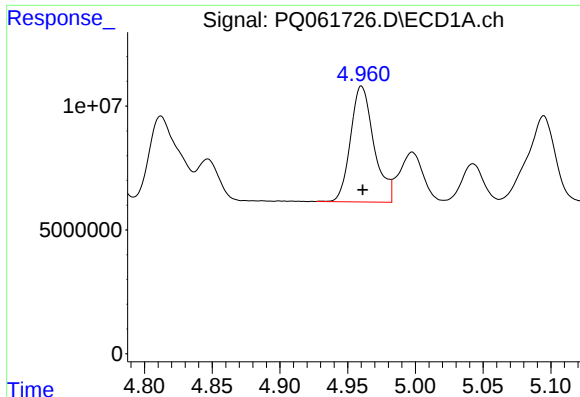
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 44619391
Conc: 350.99 ng/ml



#22 AR-1248-2

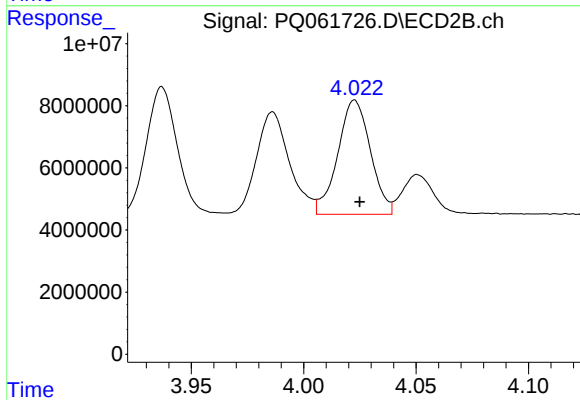
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 33691221
Conc: 348.57 ng/ml



#23 AR-1248-3

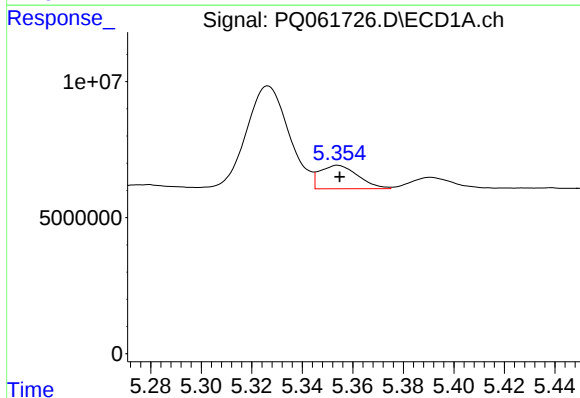
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 56271342
Conc: 365.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



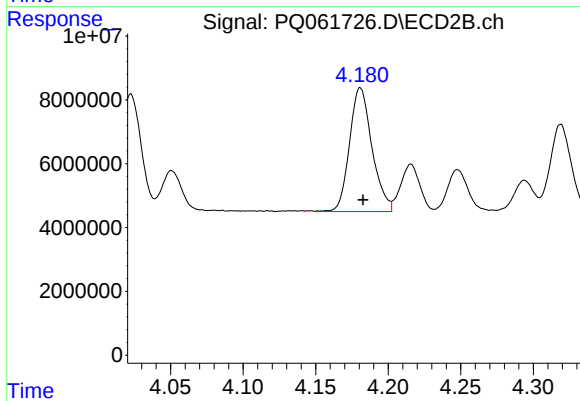
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 37213220
Conc: 407.09 ng/ml



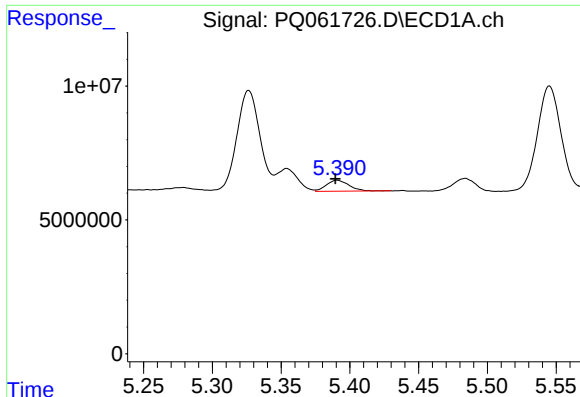
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 9037907
Conc: 53.24 ng/ml



#24 AR-1248-4

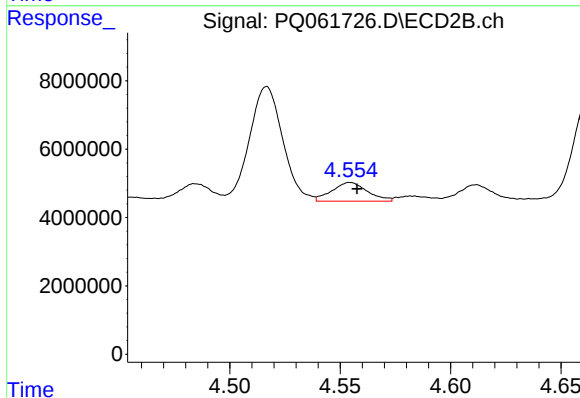
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 41865978
Conc: 369.74 ng/ml



#25 AR-1248-5

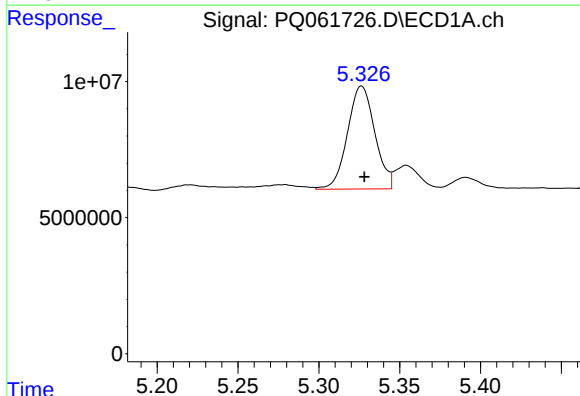
R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 4612729
Conc: 28.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



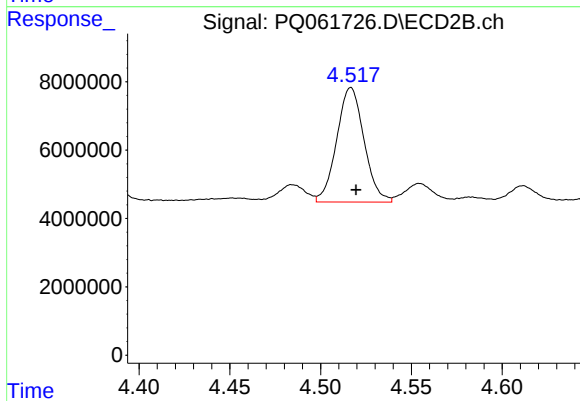
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 6161121
Conc: 55.94 ng/ml



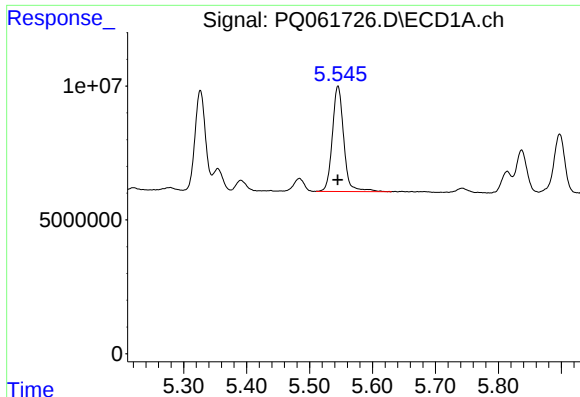
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: -0.002 min
Response: 44662298
Conc: 261.49 ng/ml



#26 AR-1254-1

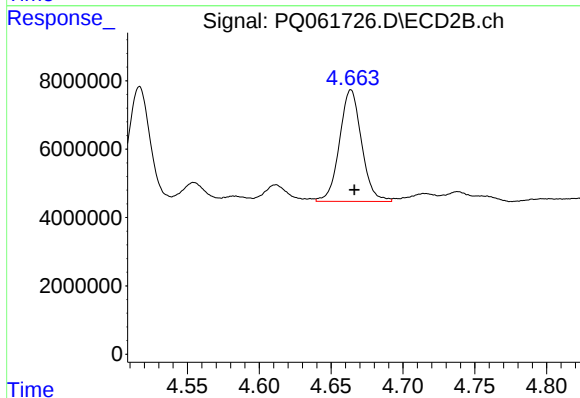
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 35164613
Conc: 213.84 ng/ml



#27 AR-1254-2

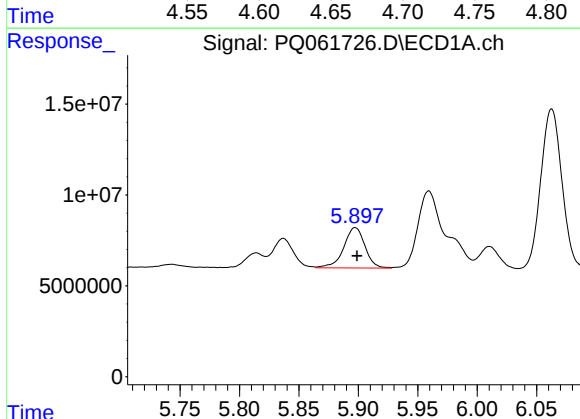
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 49588646
Conc: 185.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



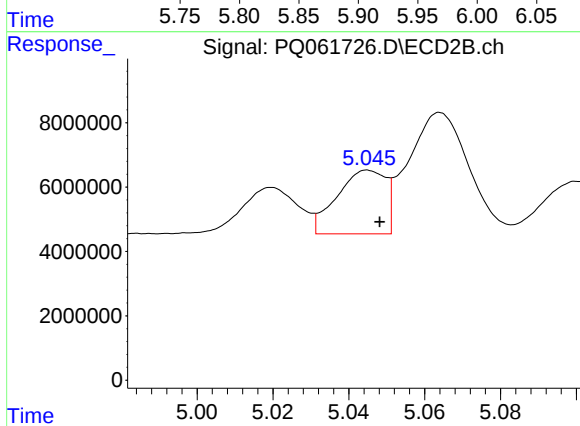
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 34832002
Conc: 231.59 ng/ml



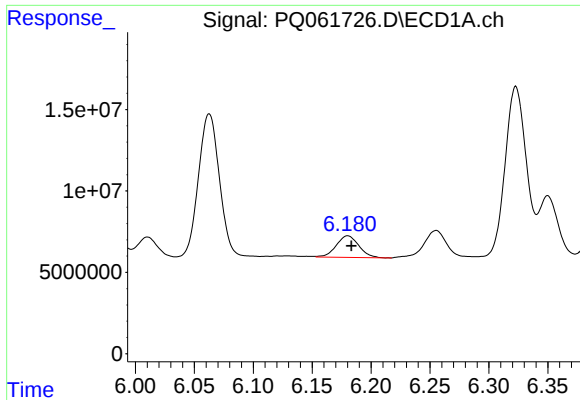
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 27684278
Conc: 99.07 ng/ml



#28 AR-1254-3

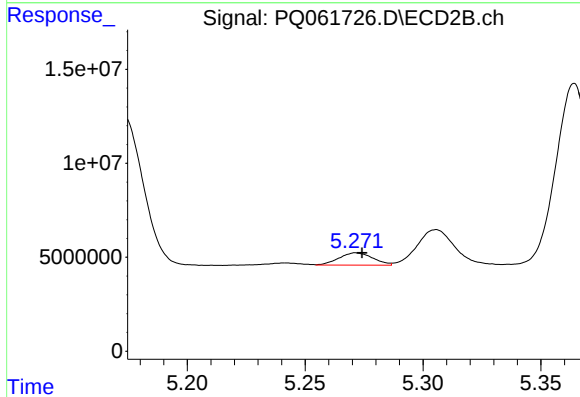
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 17683263
Conc: 75.99 ng/ml



#29 AR-1254-4

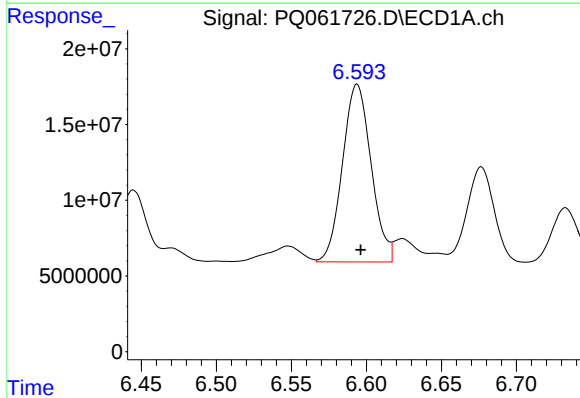
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 17693347
Conc: 86.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



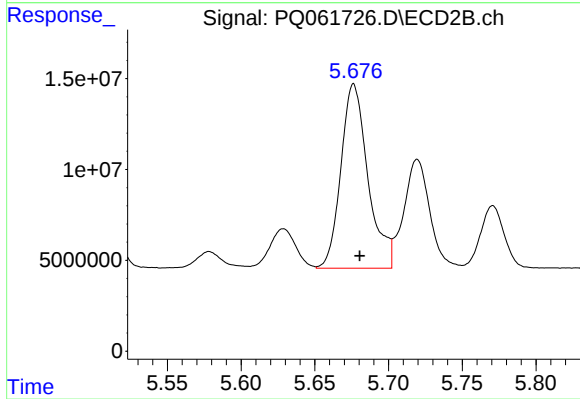
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 6526126
Conc: 45.42 ng/ml



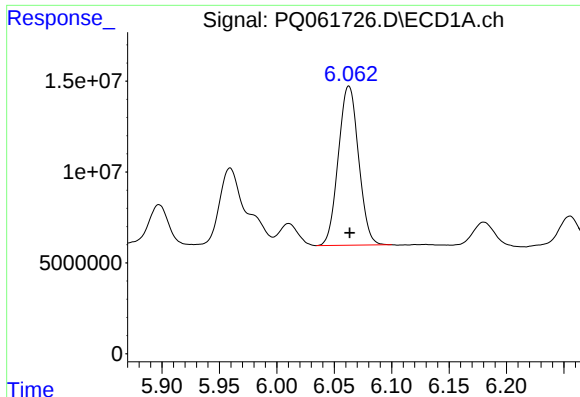
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 155967586
Conc: 661.21 ng/ml



#30 AR-1254-5

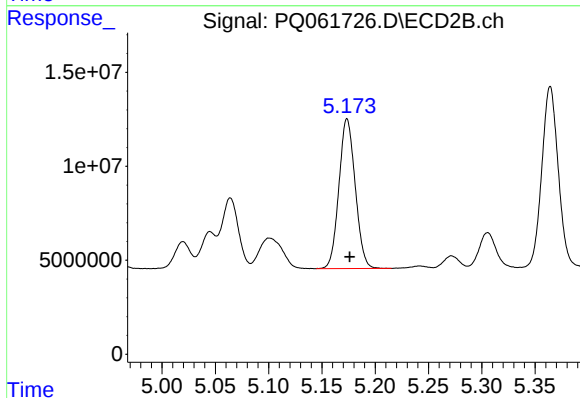
R.T.: 5.676 min
Delta R.T.: -0.004 min
Response: 129733542
Conc: 568.73 ng/ml



#31 AR-1260-1

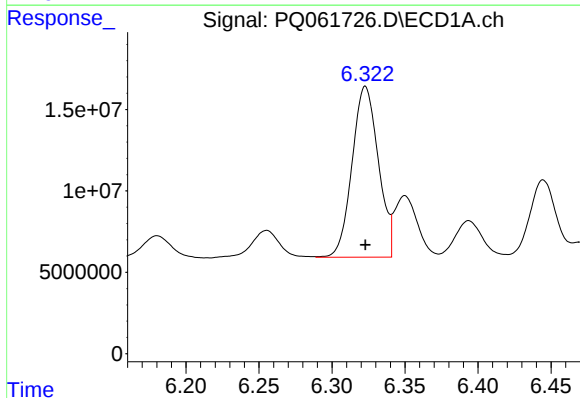
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 107634712
Conc: 484.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



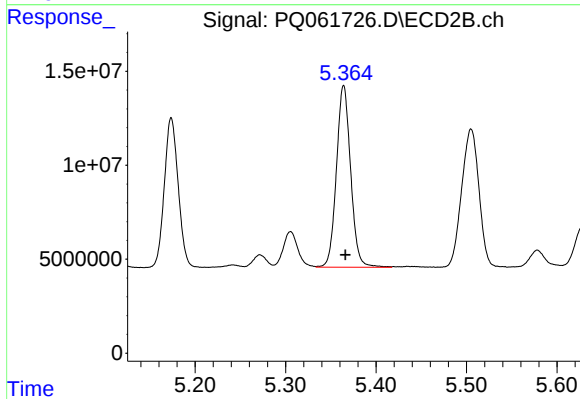
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: -0.003 min
Response: 84858303
Conc: 493.33 ng/ml



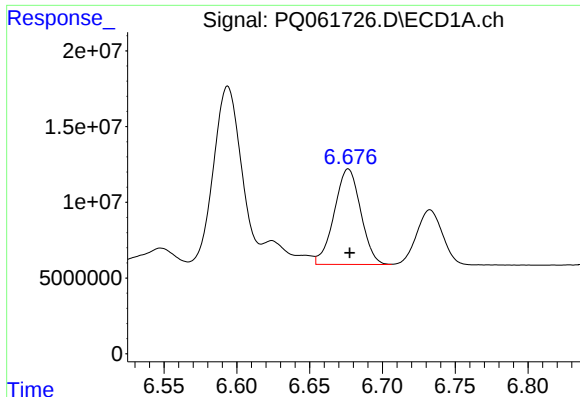
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 131297935
Conc: 493.52 ng/ml



#32 AR-1260-2

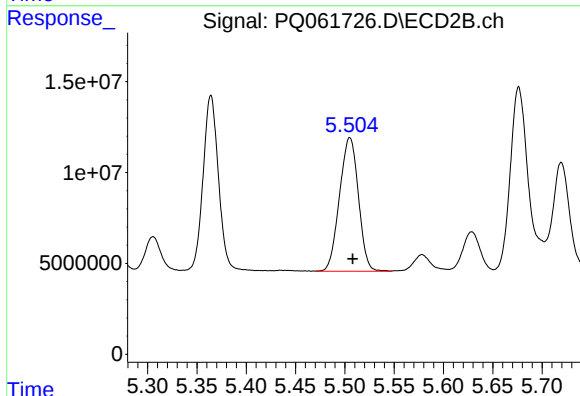
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 105538736
Conc: 509.27 ng/ml



#33 AR-1260-3

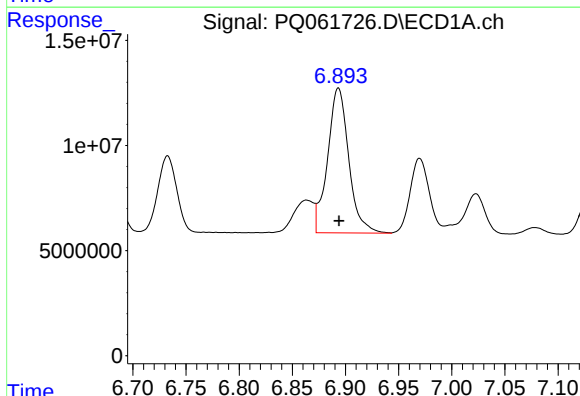
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 79725266
Conc: 474.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



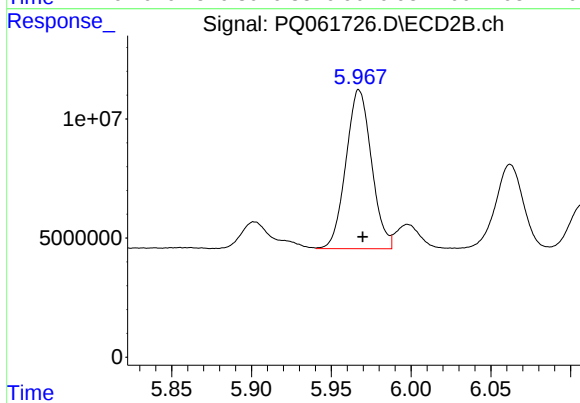
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: -0.003 min
Response: 98124323
Conc: 494.05 ng/ml



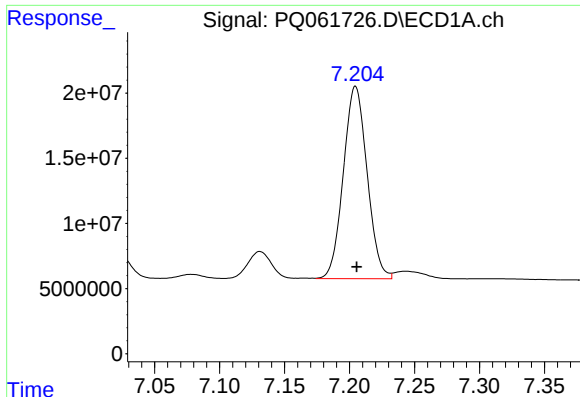
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 95648384
Conc: 476.58 ng/ml



#34 AR-1260-4

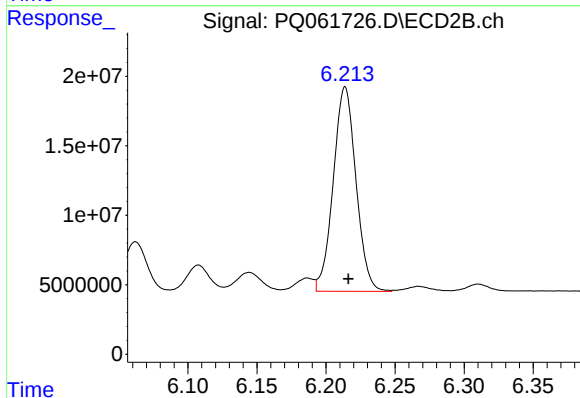
R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 74489407
Conc: 506.37 ng/ml



#35 AR-1260-5

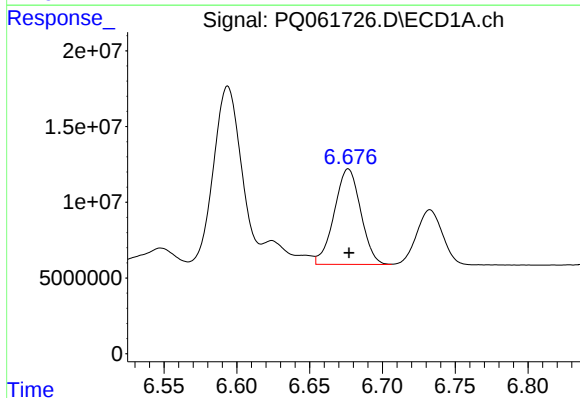
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 187812222
Conc: 493.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



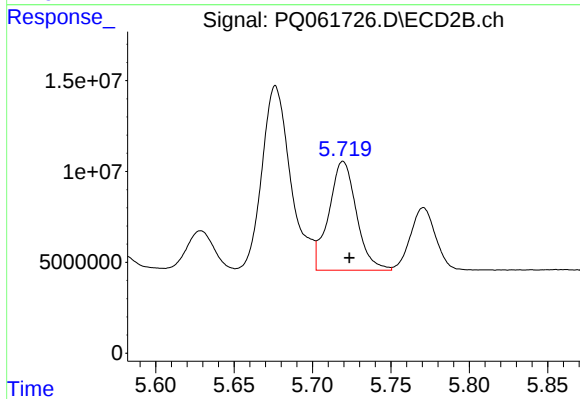
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 168478149
Conc: 518.86 ng/ml



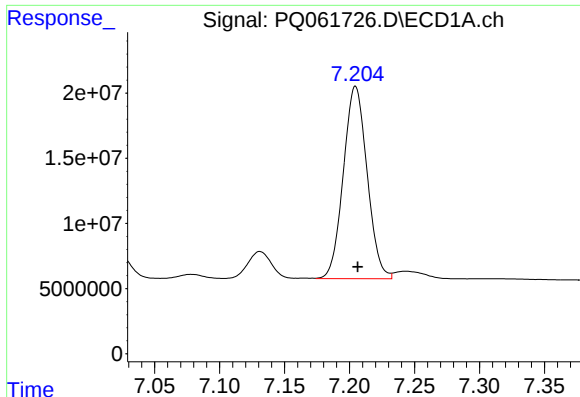
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 79725266
Conc: 266.29 ng/ml



#36 AR-1262-1

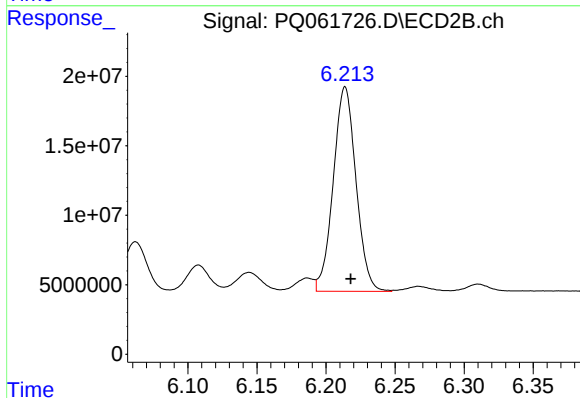
R.T.: 5.719 min
Delta R.T.: -0.004 min
Response: 73784809
Conc: 304.46 ng/ml



#37 AR-1262-2

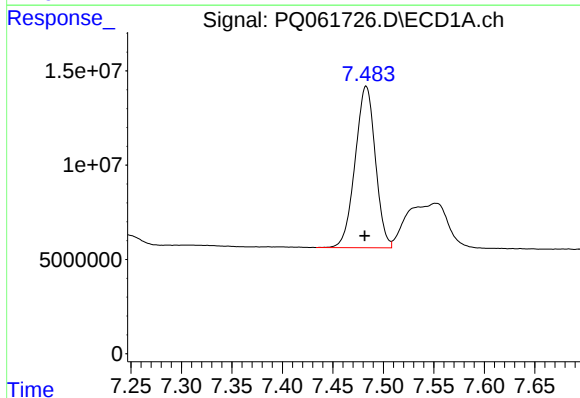
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 187812222
Conc: 372.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



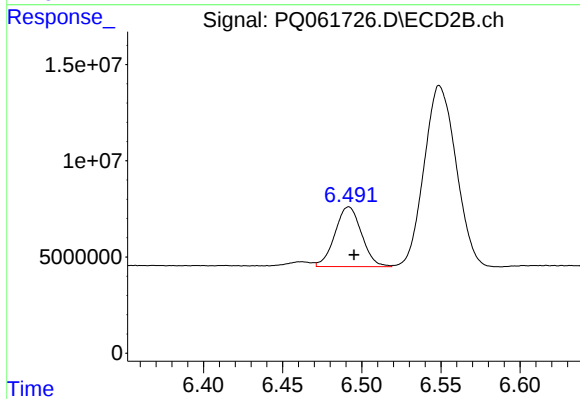
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 168478149
Conc: 385.49 ng/ml



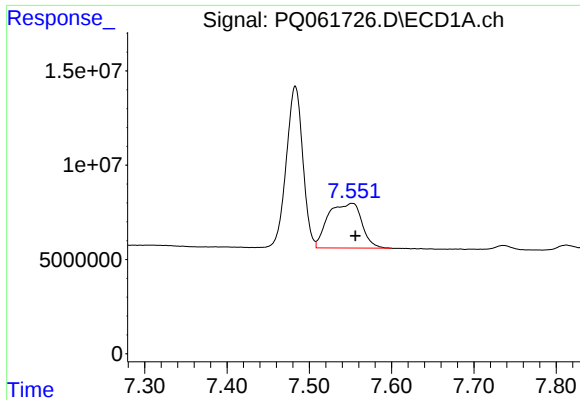
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.002 min
Response: 119309181
Conc: 353.04 ng/ml



#38 AR-1262-3

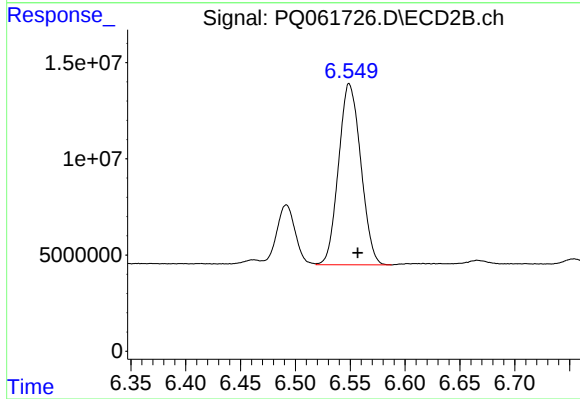
R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 36417344
Conc: 202.07 ng/ml



#39 AR-1262-4

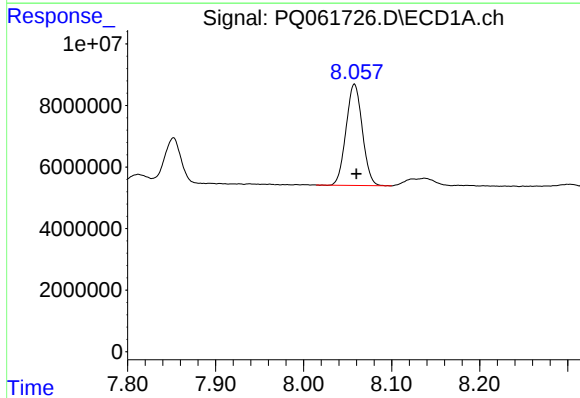
R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 67306395
Conc: 262.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



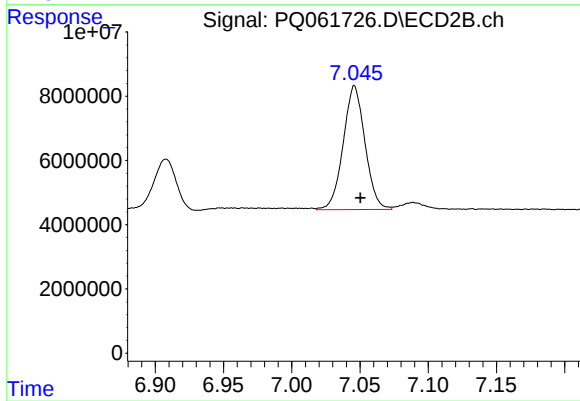
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: -0.008 min
Response: 132682164
Conc: 400.09 ng/ml



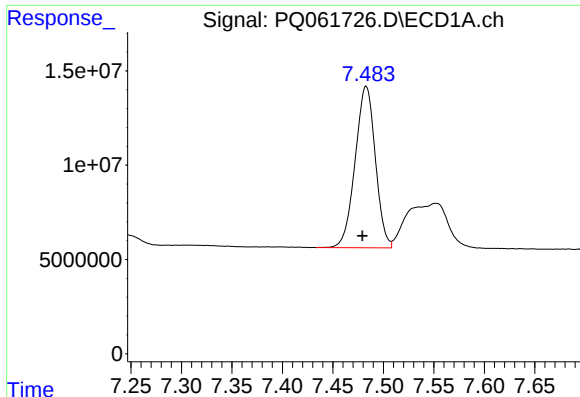
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: -0.002 min
Response: 42207142
Conc: 247.83 ng/ml



#40 AR-1262-5

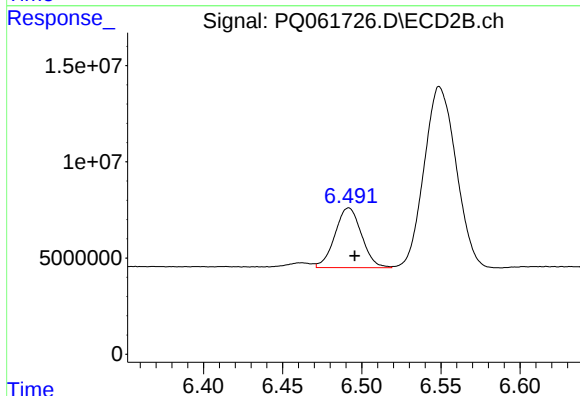
R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 42859320
Conc: 267.17 ng/ml



#41 AR-1268-1

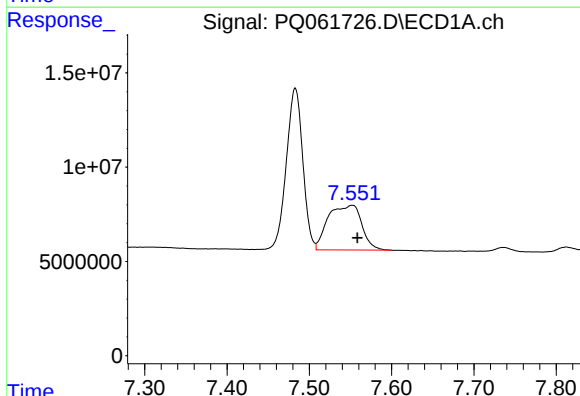
R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 119309181
Conc: 216.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



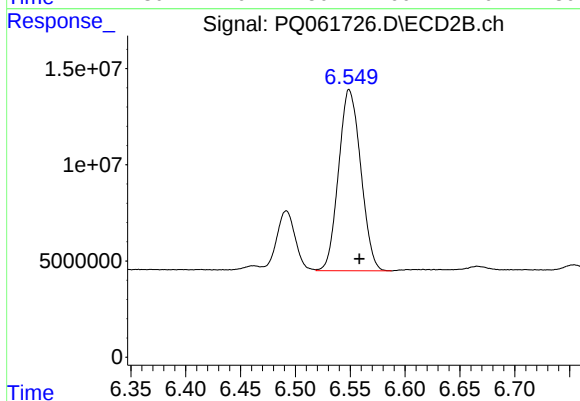
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 36417344
Conc: 74.12 ng/ml



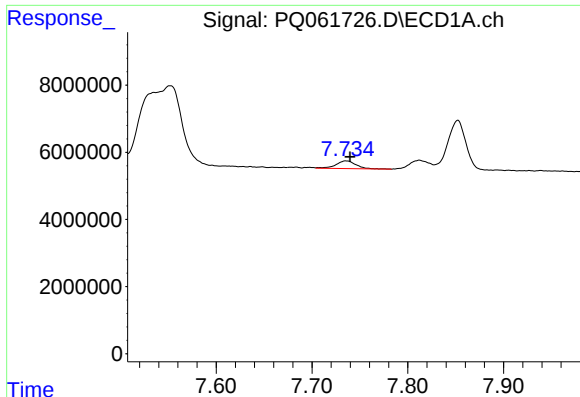
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.007 min
Response: 67306395
Conc: 136.60 ng/ml



#42 AR-1268-2

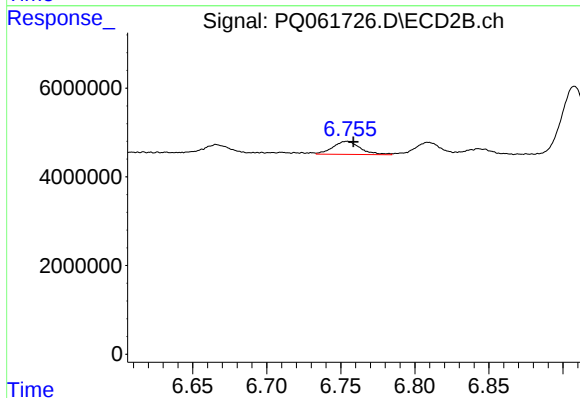
R.T.: 6.549 min
Delta R.T.: -0.009 min
Response: 132682164
Conc: 298.24 ng/ml



#43 AR-1268-3

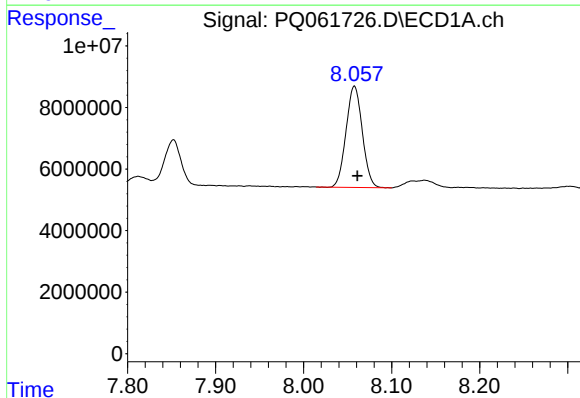
R.T.: 7.736 min
Delta R.T.: -0.004 min
Response: 3314053
Conc: 8.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



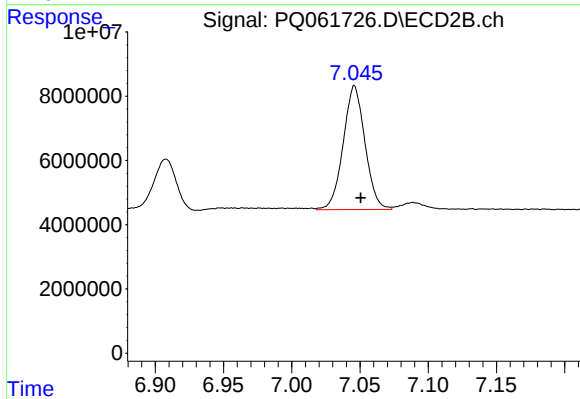
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: -0.005 min
Response: 3773382
Conc: 9.64 ng/ml



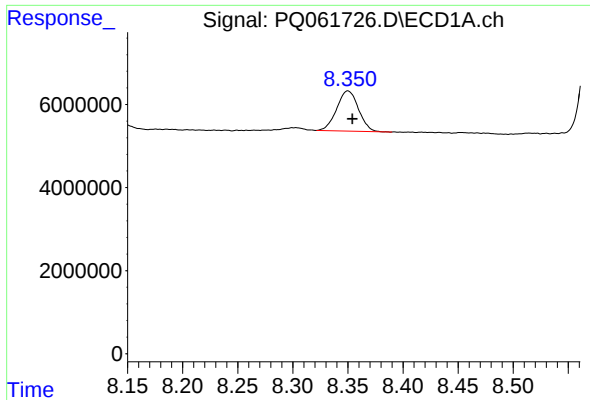
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 42207142
Conc: 238.45 ng/ml



#44 AR-1268-4

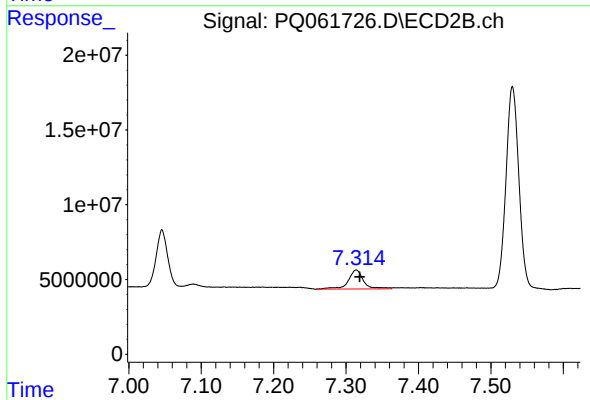
R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 42859320
Conc: 255.30 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: -0.004 min
Response: 13333318
Conc: 11.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 18551609
Conc: 14.96 ng/ml