

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021921\
 Data File : PQ052389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2021 16:38
 Operator : DD\AJ
 Sample : PB134729BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 04:58:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.228	4.245	550.1E6	188.1E6	22.401	22.422
2)	SA Decachlor...	11.419	9.590	979.6E6	377.8E6	47.796	48.982
Target Compounds							
3)	L1 AR-1016-1	6.551	5.505	93734839	34980822	116.660	113.565
4)	L1 AR-1016-2	6.576	5.525	138.6E6	49279831	117.363	114.934
5)	L1 AR-1016-3	6.643	5.718	82058407	25230599	114.973	115.179
6)	L1 AR-1016-4	6.751	5.768	67728549	19169082	112.504	114.468
7)	L1 AR-1016-5	7.065	5.999	64533131	23489494	114.695	109.993
8)	L2 AR-1221-1	5.473	4.501	12492426	2613864	48.982	28.919 #
9)	L2 AR-1221-2	5.579	4.603	19435863	6587299	110.498	104.103
10)	L2 AR-1221-3	5.665	4.691	54056663	15693225	91.809	72.777
11)	L3 AR-1232-1	5.665	4.691	54056663	15693225	110.003	86.782
12)	L3 AR-1232-2	6.257	5.525	69223061	49279831	268.962	249.604
13)	L3 AR-1232-3	6.576	5.718	138.6E6	25230599	263.377	256.491
14)	L3 AR-1232-4	6.751	5.813	67728549	23353742	258.362	282.148
15)	L3 AR-1232-5	6.845	5.999	56398315	23489494	305.283	264.021
16)	L4 AR-1242-1	6.551	5.505	93734839	34980822	136.394	132.790
17)	L4 AR-1242-2	6.576	5.525	138.6E6	49279831	137.238	134.124
18)	L4 AR-1242-3	6.643	5.718	82058407	25230599	135.125	132.342
19)	L4 AR-1242-4	6.751	5.813	67728549	23353742	133.192	132.233
20)	L4 AR-1242-5	7.533	6.378	13809517	21541552	24.478	85.921 #
21)	L5 AR-1248-1	6.551	5.505	93734839	34980822	171.145	170.109
22)	L5 AR-1248-2	6.845	5.768	56398315	19169082	73.375	70.922
23)	L5 AR-1248-3	7.065	5.813	64533131	23353742	73.091	83.751
24)	L5 AR-1248-4	7.492	5.999	12496143	23489494	12.019	70.593 #
25)	L5 AR-1248-5	7.533	6.421	13809517	3539868	13.481	9.900 #
26)	L6 AR-1254-1	7.463	6.378	60051746	21541552	60.450	40.394 #
27)	L6 AR-1254-2	7.689	6.537	57648968	20618429	37.298	45.154
28)	L6 AR-1254-3	8.074	6.976	37906724	39222165	22.428	52.156 #
29)	L6 AR-1254-4	8.367	7.196	22862578	5428681	18.227	10.760 #
30)	L6 AR-1254-5	8.797	7.625	180.7E6	76408952	134.448	112.341
31)	L7 AR-1260-1	8.239	7.094	125.5E6	54942319	125.565	134.145
32)	L7 AR-1260-2	8.502	7.290	148.7E6	75856717	121.098	142.868
33)	L7 AR-1260-3	8.869	7.446	92844251	61045433	101.524	127.733 #
34)	L7 AR-1260-4	9.113	7.930	115.0E6	47041542	106.729	116.139
35)	L7 AR-1260-5	9.458	8.175	228.0E6	121.7E6	100.501	113.033
36)	L8 AR-1262-1	8.869	7.625	92844251	76408952	58.969	221.274 #
37)	L8 AR-1262-2	9.458	8.175	228.0E6	121.7E6	76.116	90.749
38)	L8 AR-1262-3	9.817	8.463	146.5E6	22691008	73.582	43.397 #
39)	L8 AR-1262-4	9.872	8.526	80962351	81053872	53.205	82.950 #
40)	L8 AR-1262-5	10.607	9.029	62586901	24553192	57.519	54.175
41)	L9 AR-1268-1	9.817	8.463	146.5E6	22691008	41.669	14.088 #

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 Operator : DD\AJ
 Sample : PB134729BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

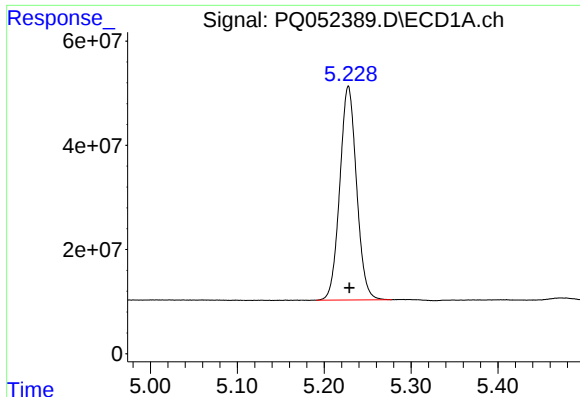
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 04:58:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.872	8.526	80962351	81053872	24.653	54.372 #
43) L9	AR-1268-3	10.138	8.738	6744872	3784011	2.424	3.018
44) L9	AR-1268-4	10.607	9.029	62586901	24553192	51.322	46.972
45) L9	AR-1268-5	11.054	9.328	27075907	10603343	2.772	2.638

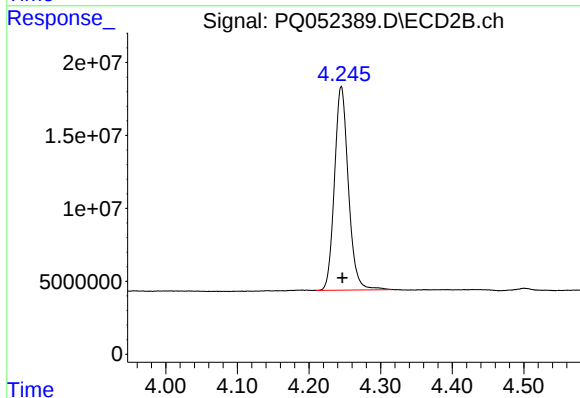
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

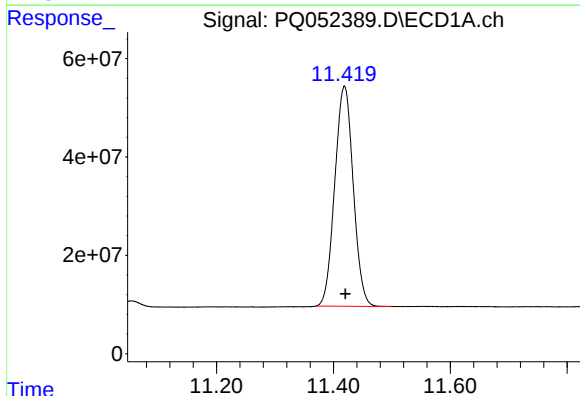
R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 550132206
Conc: 22.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



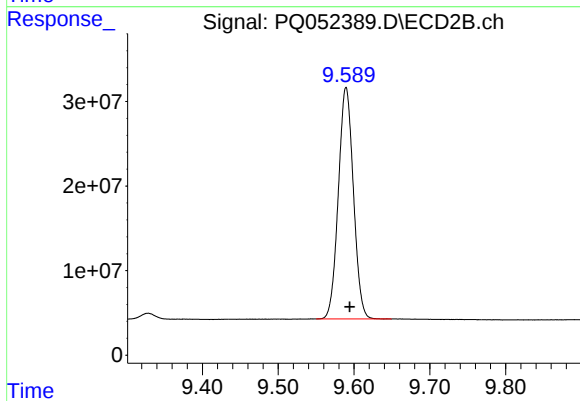
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.001 min
Response: 188081633
Conc: 22.42 ng/ml



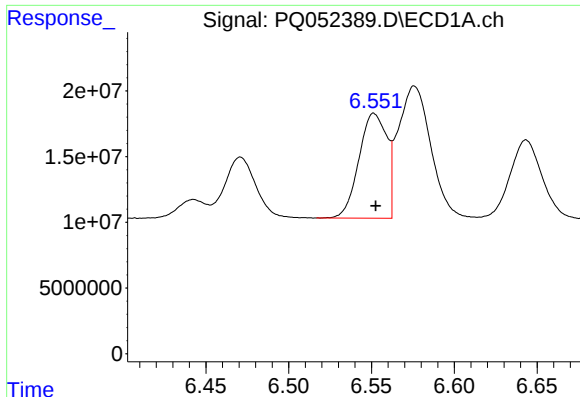
#2 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: -0.002 min
Response: 979571151
Conc: 47.80 ng/ml



#2 Decachlorobiphenyl

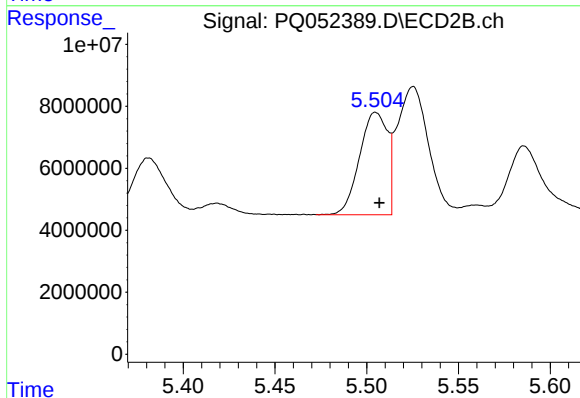
R.T.: 9.590 min
Delta R.T.: -0.005 min
Response: 377791582
Conc: 48.98 ng/ml



#3 AR-1016-1

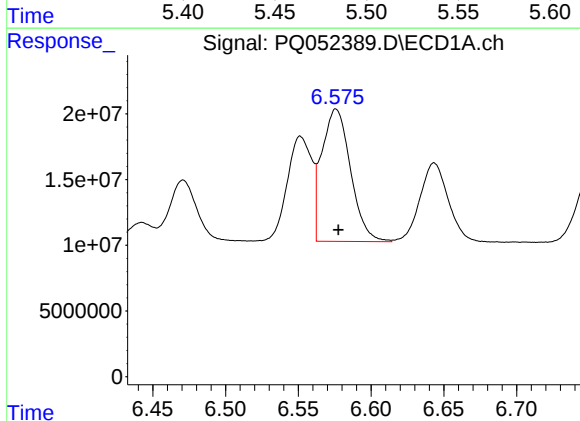
R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 93734839
Conc: 116.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



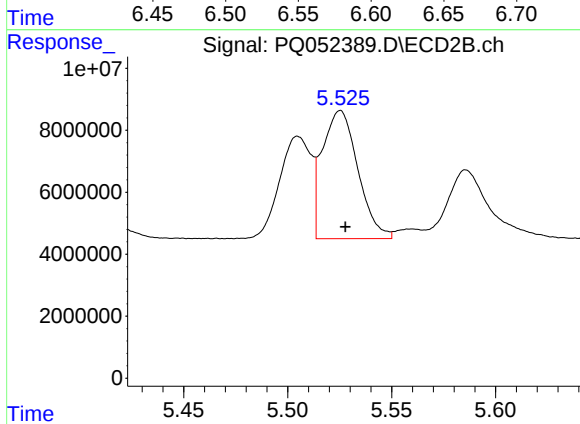
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 34980822
Conc: 113.57 ng/ml



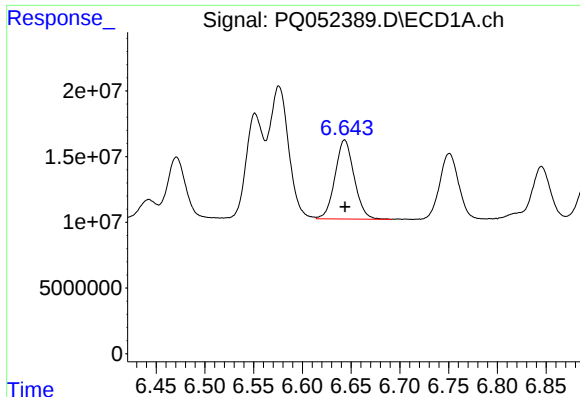
#4 AR-1016-2

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 138556065
Conc: 117.36 ng/ml



#4 AR-1016-2

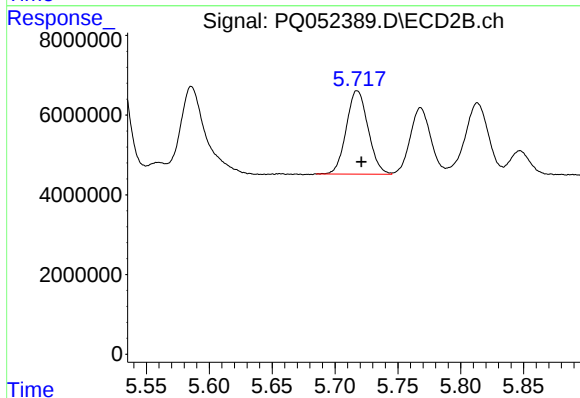
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 49279831
Conc: 114.93 ng/ml



#5 AR-1016-3

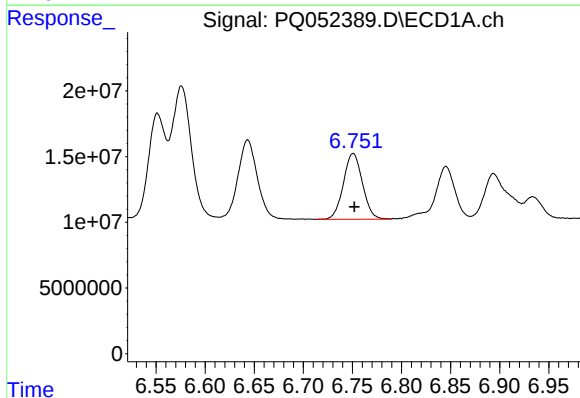
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 82058407
Conc: 114.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



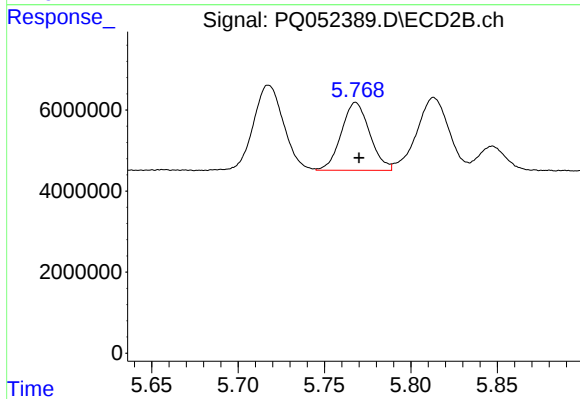
#5 AR-1016-3

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 25230599
Conc: 115.18 ng/ml



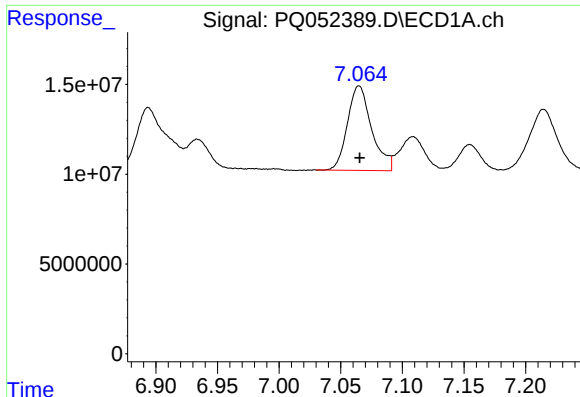
#6 AR-1016-4

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 67728549
Conc: 112.50 ng/ml



#6 AR-1016-4

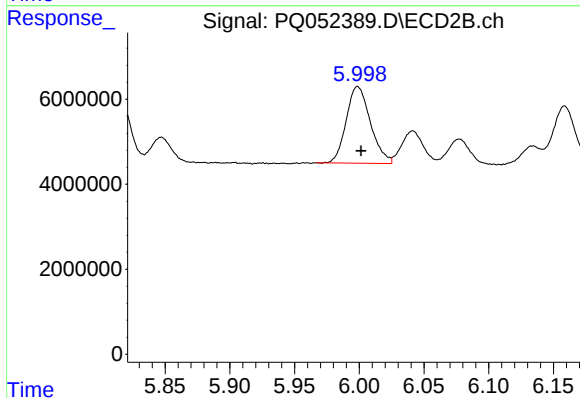
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 19169082
Conc: 114.47 ng/ml



#7 AR-1016-5

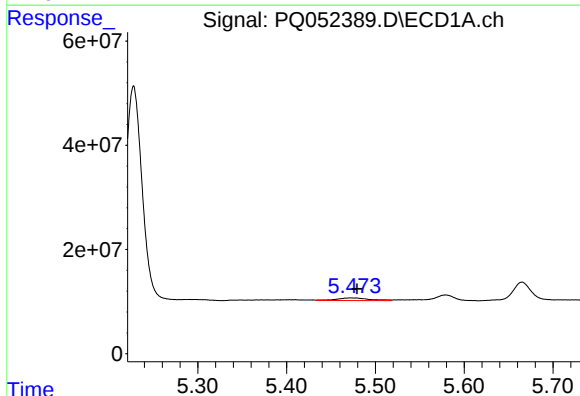
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 64533131
Conc: 114.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



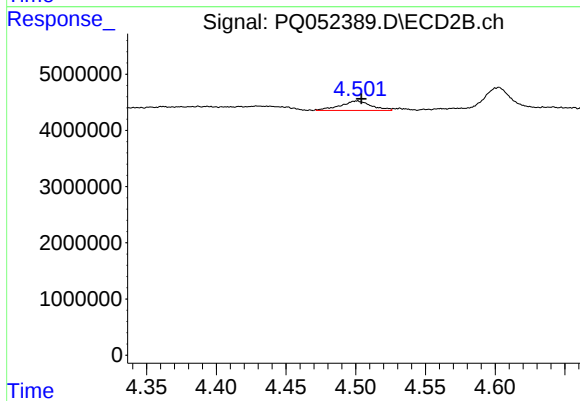
#7 AR-1016-5

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 23489494
Conc: 109.99 ng/ml



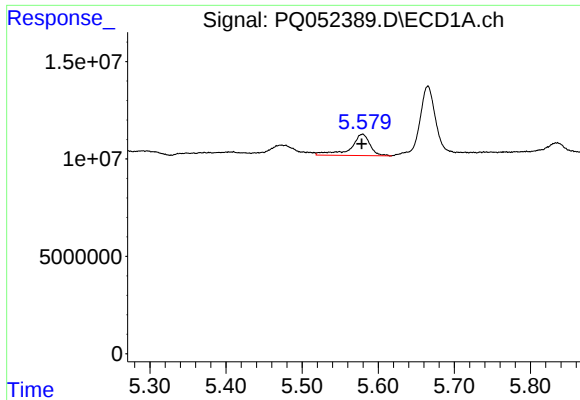
#8 AR-1221-1

R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 12492426
Conc: 48.98 ng/ml



#8 AR-1221-1

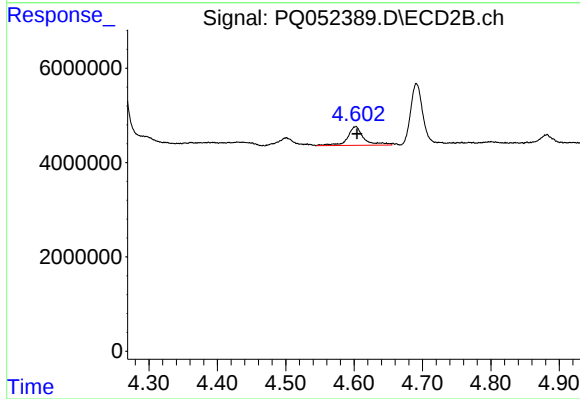
R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: 2613864
Conc: 28.92 ng/ml



#9 AR-1221-2

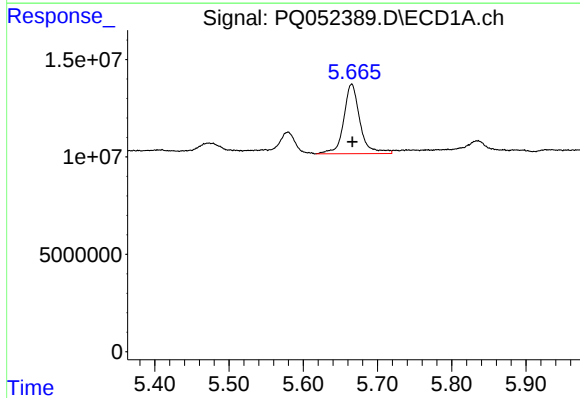
R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 19435863
Conc: 110.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



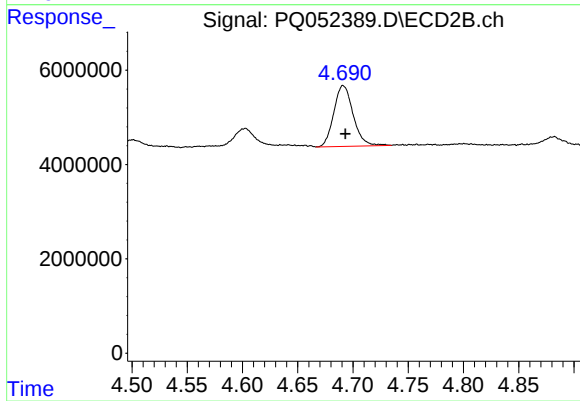
#9 AR-1221-2

R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 6587299
Conc: 104.10 ng/ml



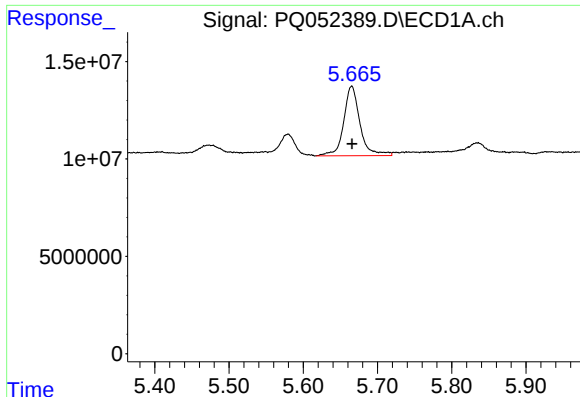
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: -0.001 min
Response: 54056663
Conc: 91.81 ng/ml



#10 AR-1221-3

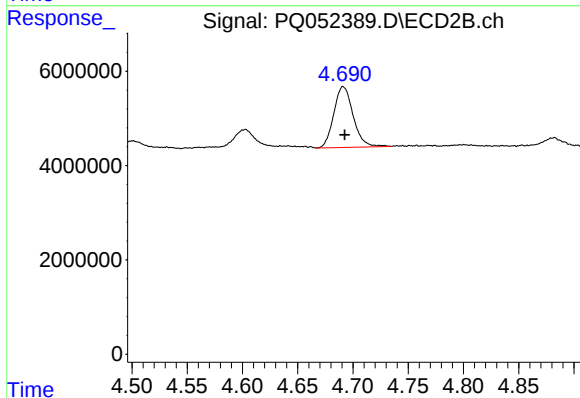
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 15693225
Conc: 72.78 ng/ml



#11 AR-1232-1

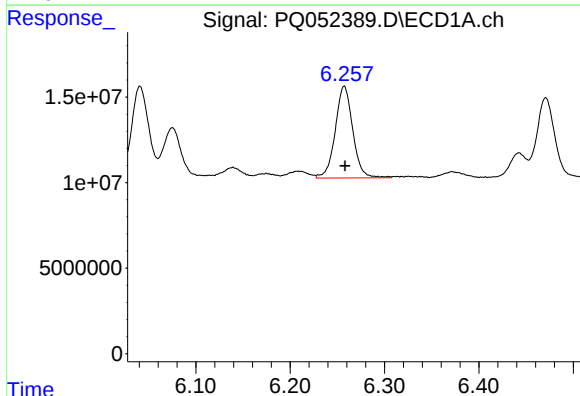
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 54056663
Conc: 110.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



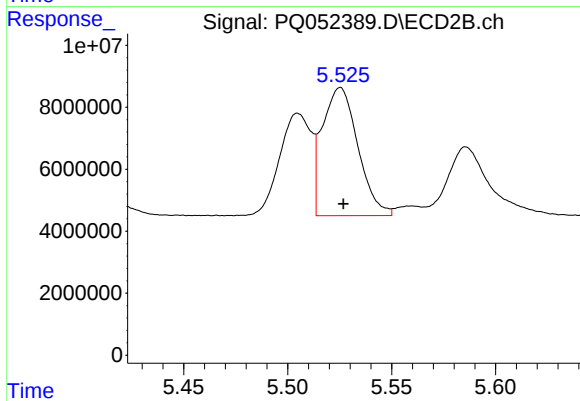
#11 AR-1232-1

R.T.: 4.691 min
Delta R.T.: -0.001 min
Response: 15693225
Conc: 86.78 ng/ml



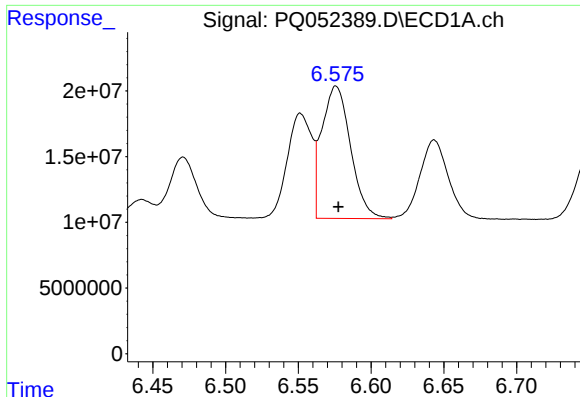
#12 AR-1232-2

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 69223061
Conc: 268.96 ng/ml



#12 AR-1232-2

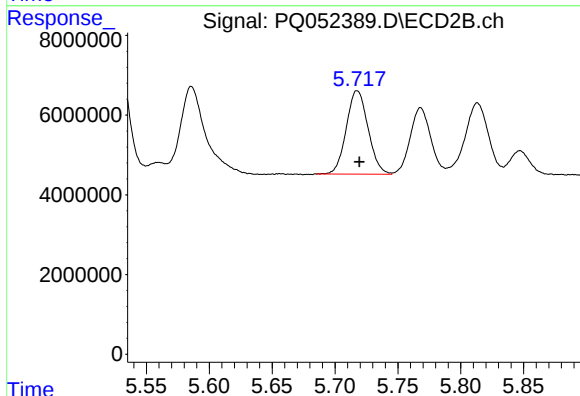
R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 49279831
Conc: 249.60 ng/ml



#13 AR-1232-3

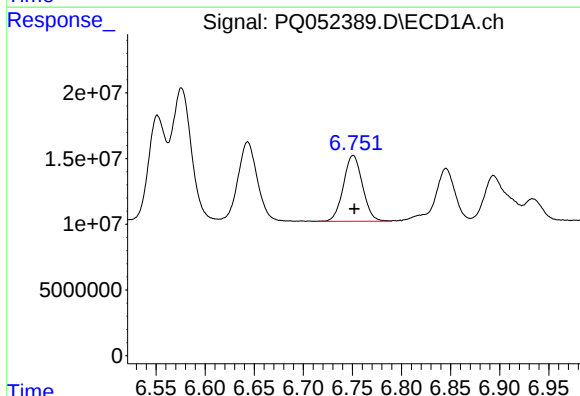
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 138556065
Conc: 263.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



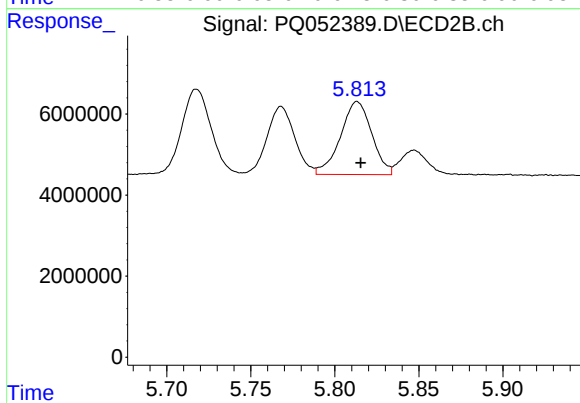
#13 AR-1232-3

R.T.: 5.718 min
Delta R.T.: -0.002 min
Response: 25230599
Conc: 256.49 ng/ml



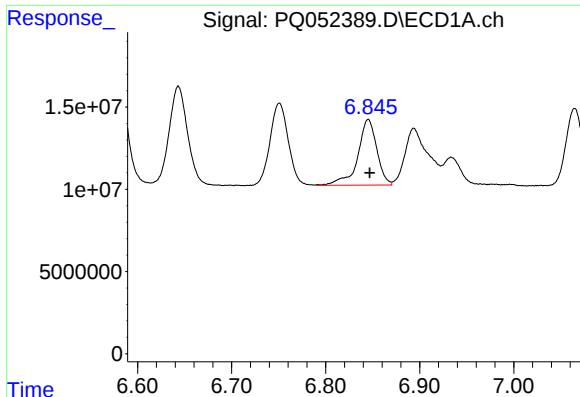
#14 AR-1232-4

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 67728549
Conc: 258.36 ng/ml



#14 AR-1232-4

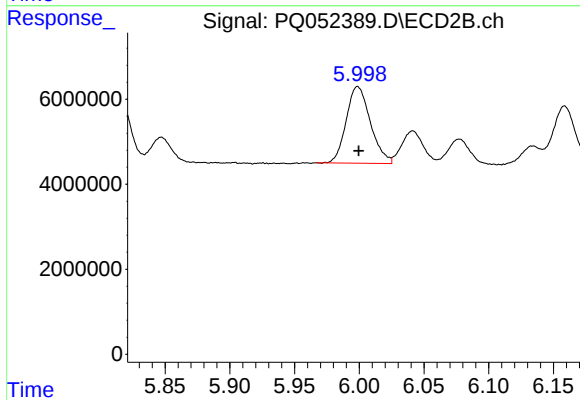
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 23353742
Conc: 282.15 ng/ml



#15 AR-1232-5

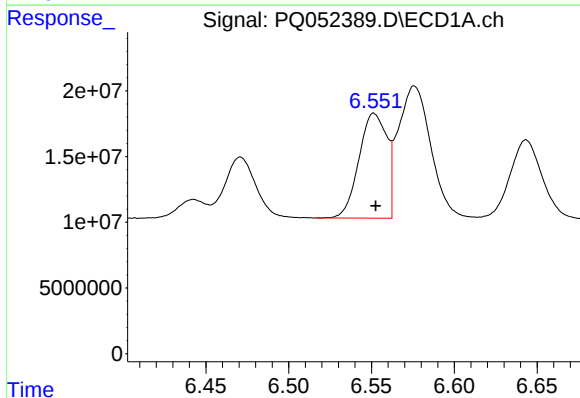
R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 56398315
Conc: 305.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



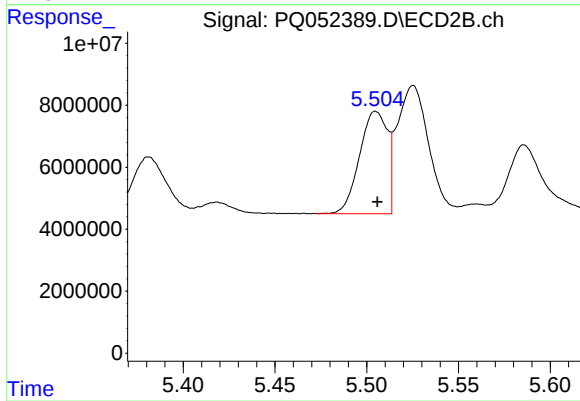
#15 AR-1232-5

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 23489494
Conc: 264.02 ng/ml



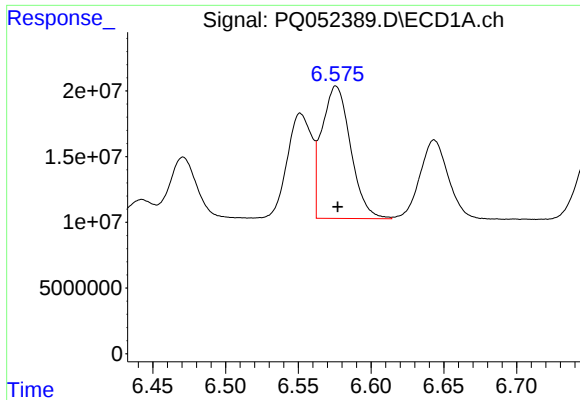
#16 AR-1242-1

R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 93734839
Conc: 136.39 ng/ml



#16 AR-1242-1

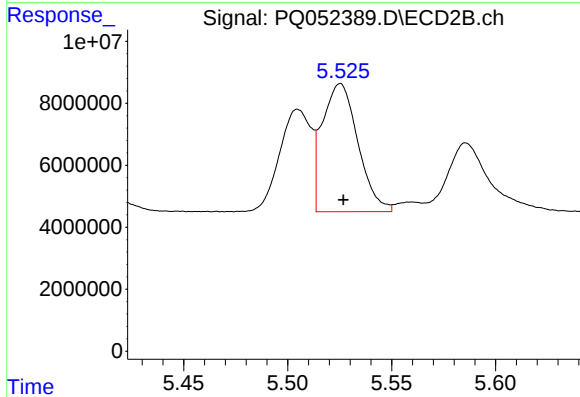
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 34980822
Conc: 132.79 ng/ml



#17 AR-1242-2

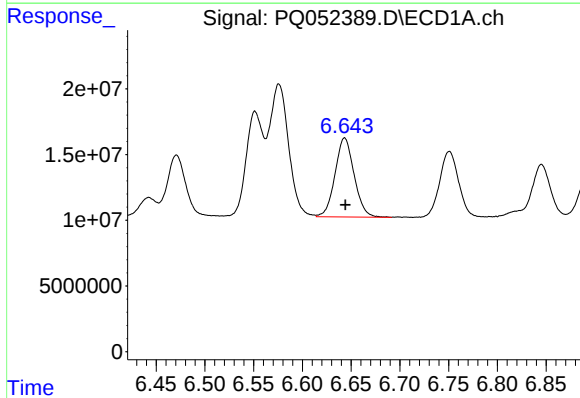
R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 138556065
Conc: 137.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



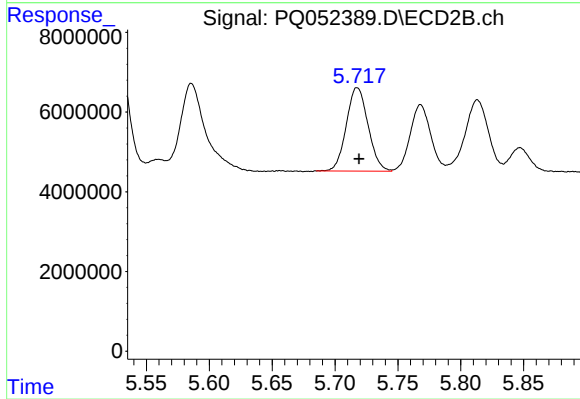
#17 AR-1242-2

R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 49279831
Conc: 134.12 ng/ml



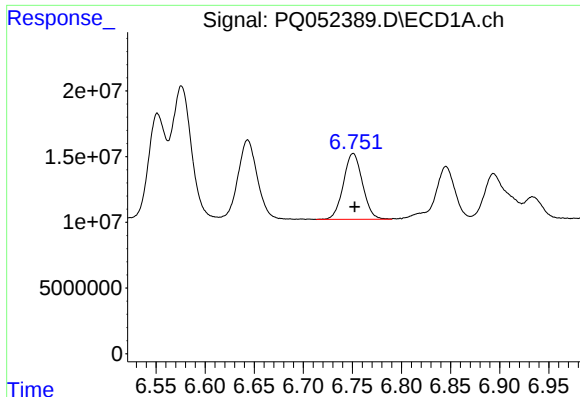
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 82058407
Conc: 135.13 ng/ml



#18 AR-1242-3

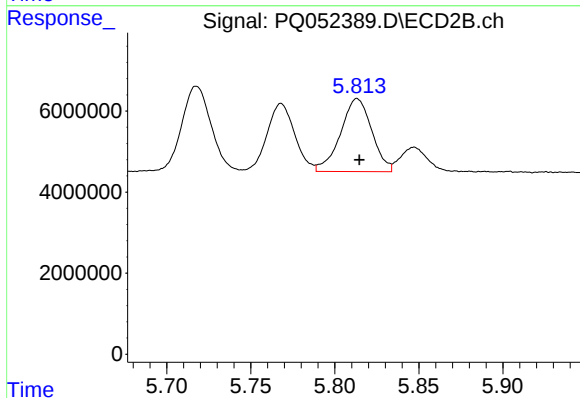
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 25230599
Conc: 132.34 ng/ml



#19 AR-1242-4

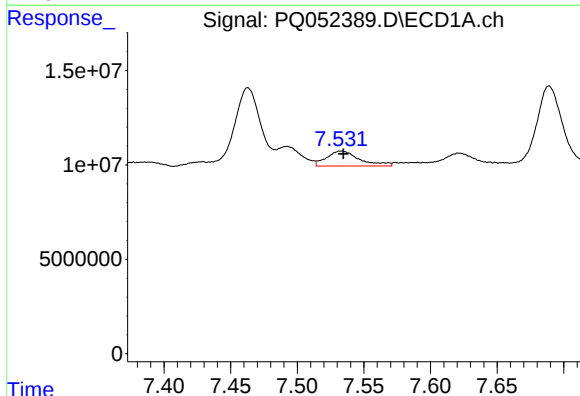
R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 67728549
Conc: 133.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



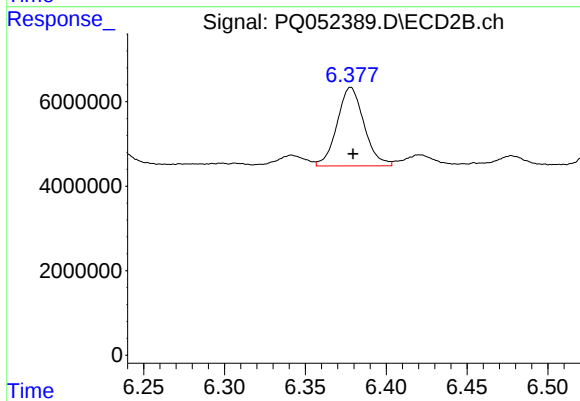
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 23353742
Conc: 132.23 ng/ml



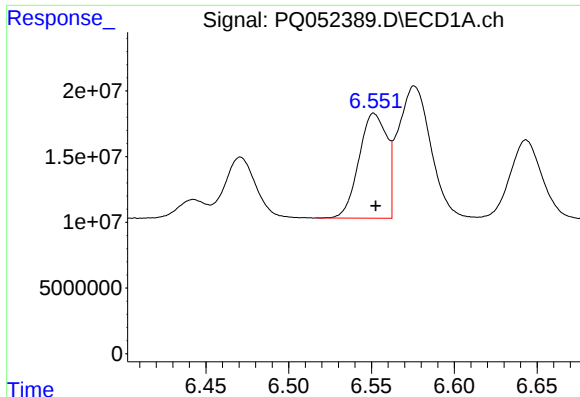
#20 AR-1242-5

R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 13809517
Conc: 24.48 ng/ml



#20 AR-1242-5

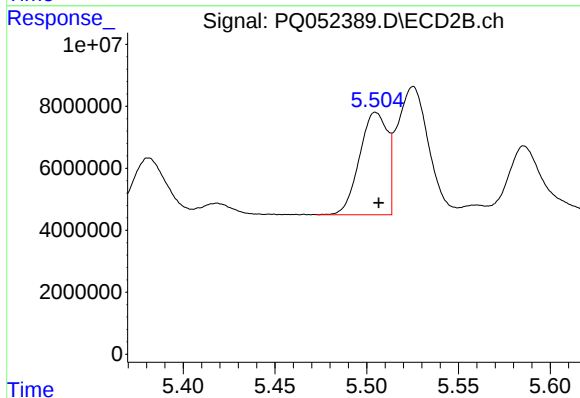
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 21541552
Conc: 85.92 ng/ml



#21 AR-1248-1

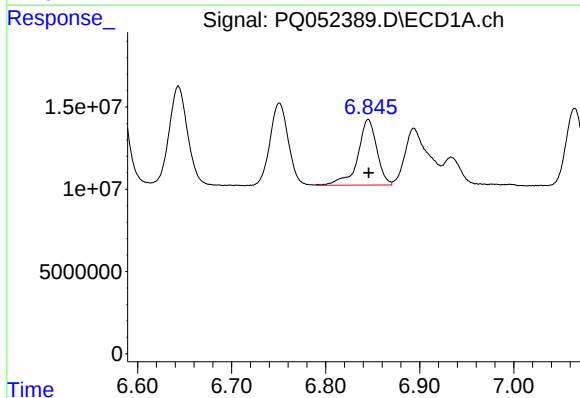
R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 93734839
Conc: 171.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



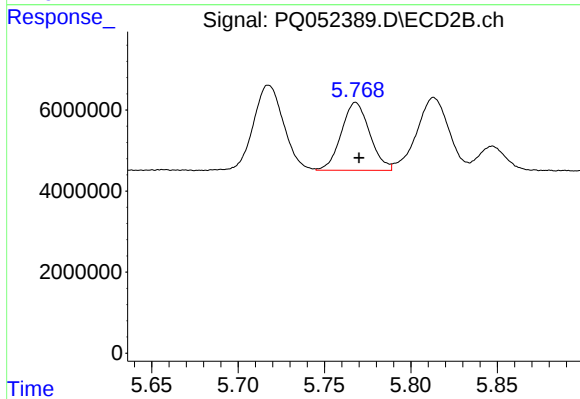
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 34980822
Conc: 170.11 ng/ml



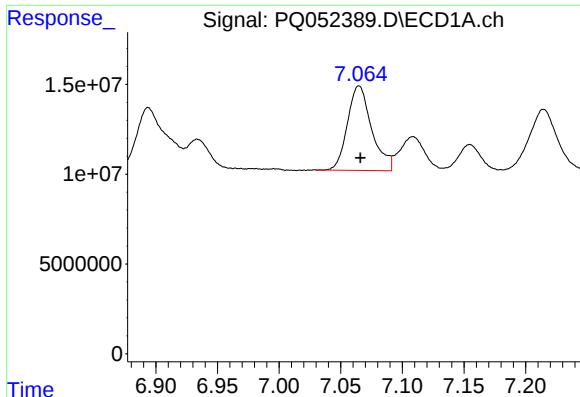
#22 AR-1248-2

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 56398315
Conc: 73.38 ng/ml



#22 AR-1248-2

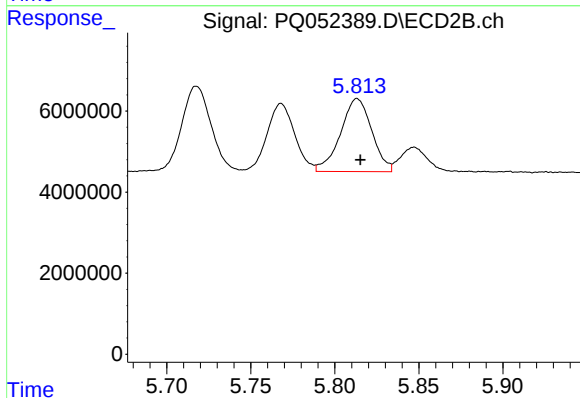
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 19169082
Conc: 70.92 ng/ml



#23 AR-1248-3

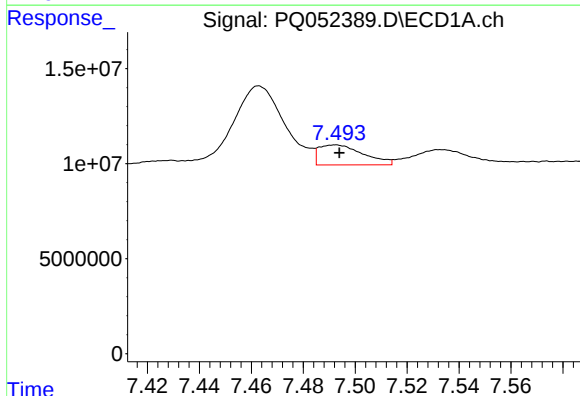
R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 64533131
Conc: 73.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



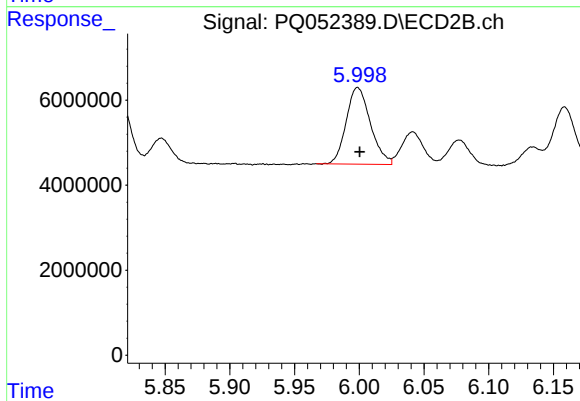
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 23353742
Conc: 83.75 ng/ml



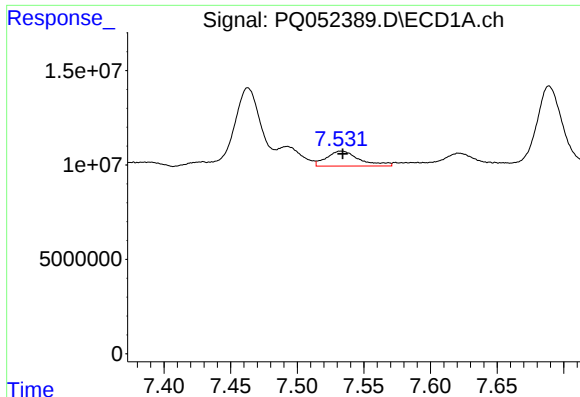
#24 AR-1248-4

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 12496143
Conc: 12.02 ng/ml



#24 AR-1248-4

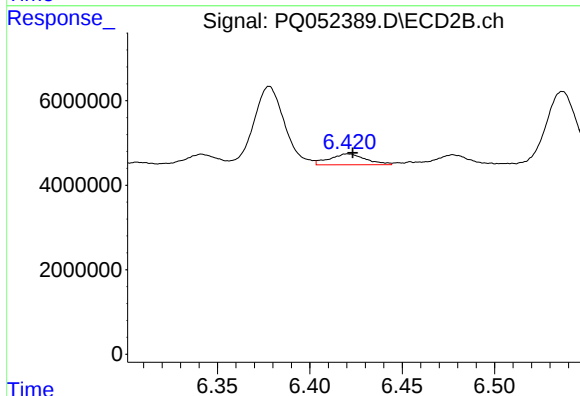
R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 23489494
Conc: 70.59 ng/ml



#25 AR-1248-5

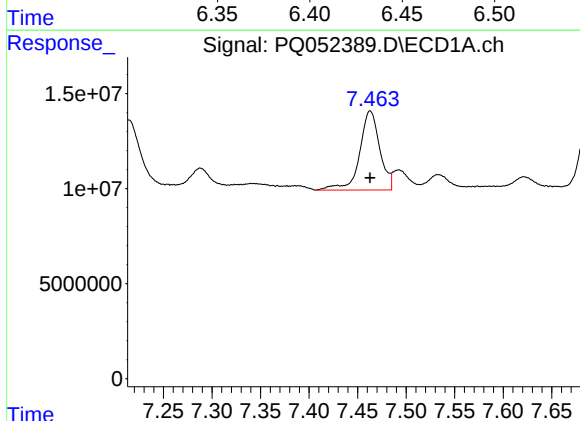
R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 13809517
Conc: 13.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



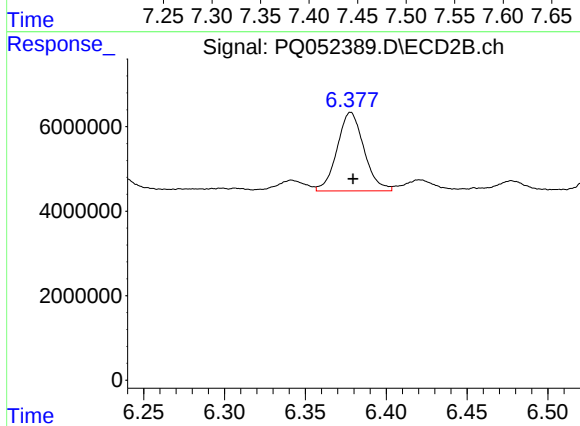
#25 AR-1248-5

R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 3539868
Conc: 9.90 ng/ml



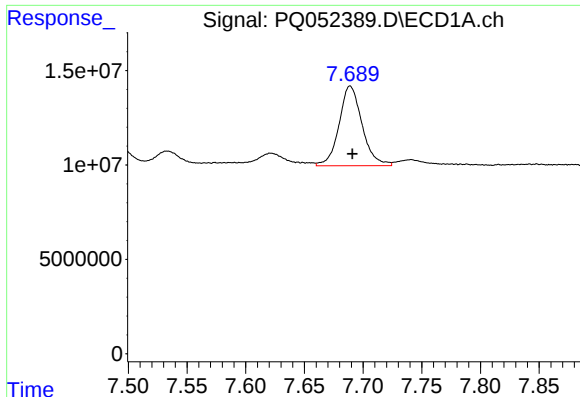
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 60051746
Conc: 60.45 ng/ml



#26 AR-1254-1

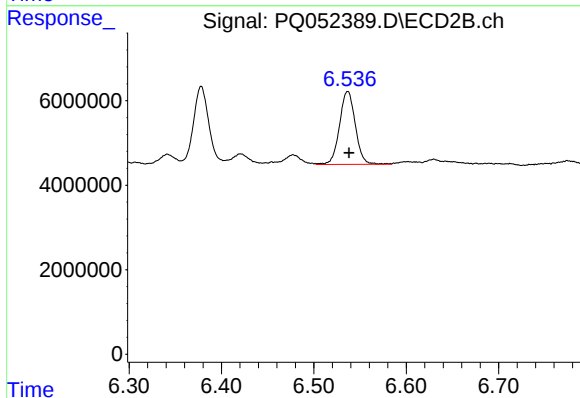
R.T.: 6.378 min
Delta R.T.: -0.001 min
Response: 21541552
Conc: 40.39 ng/ml



#27 AR-1254-2

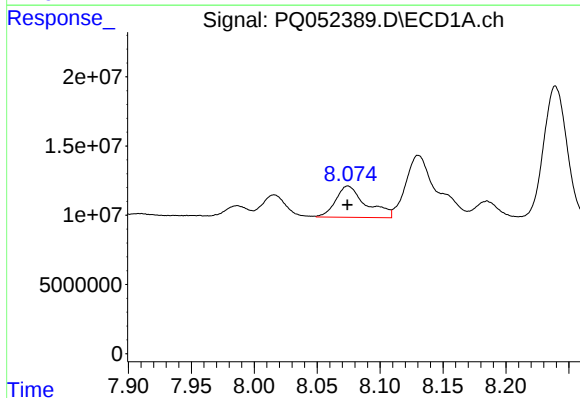
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 57648968
Conc: 37.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



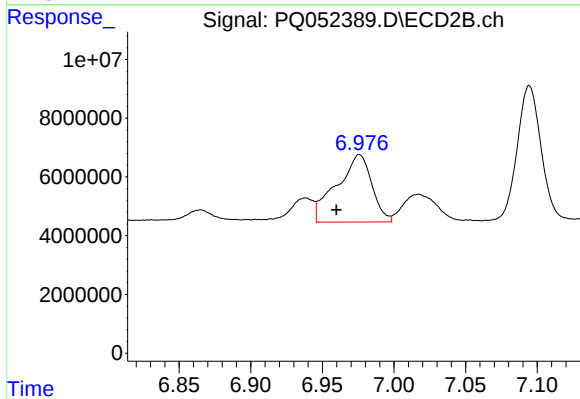
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 20618429
Conc: 45.15 ng/ml



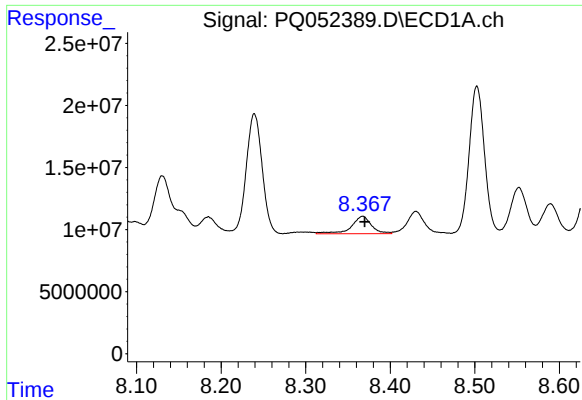
#28 AR-1254-3

R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 37906724
Conc: 22.43 ng/ml



#28 AR-1254-3

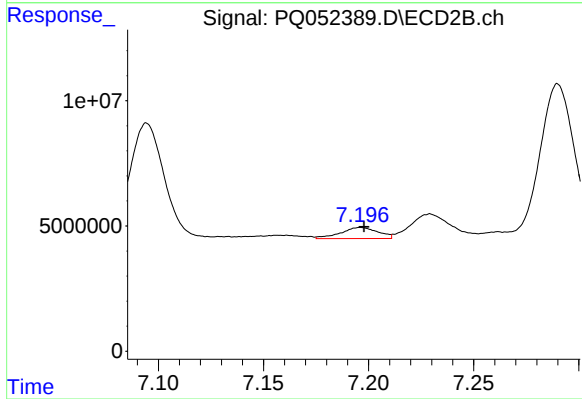
R.T.: 6.976 min
Delta R.T.: 0.016 min
Response: 39222165
Conc: 52.16 ng/ml



#29 AR-1254-4

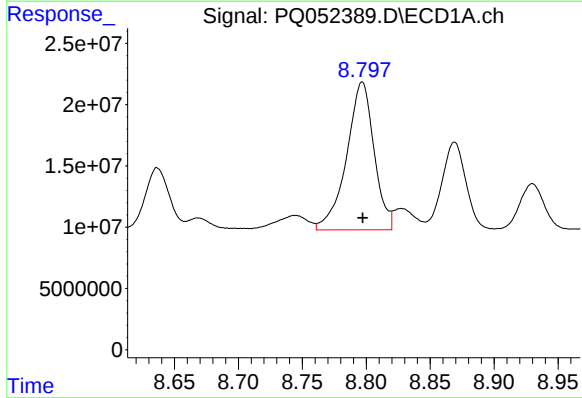
R.T.: 8.367 min
Delta R.T.: -0.002 min
Response: 22862578
Conc: 18.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



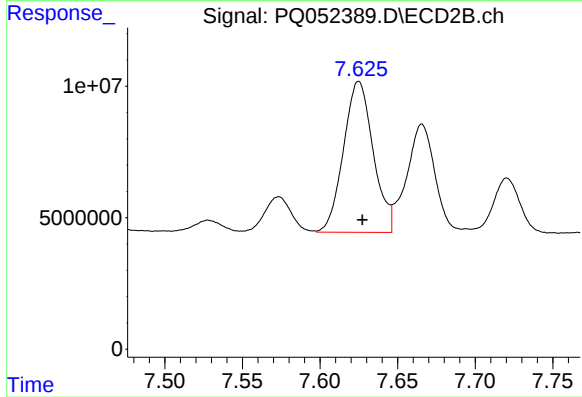
#29 AR-1254-4

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 5428681
Conc: 10.76 ng/ml



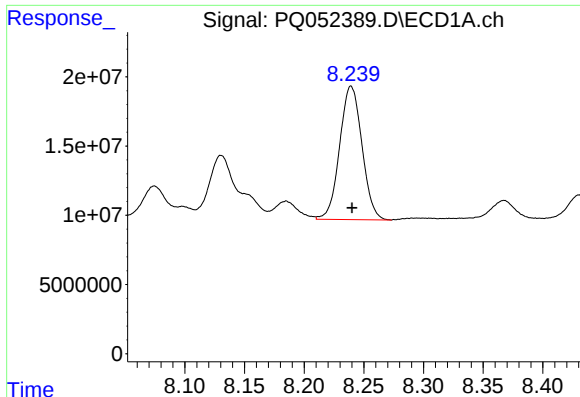
#30 AR-1254-5

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 180672507
Conc: 134.45 ng/ml



#30 AR-1254-5

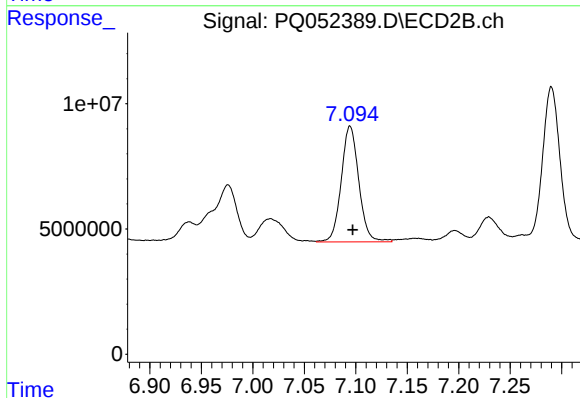
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 76408952
Conc: 112.34 ng/ml



#31 AR-1260-1

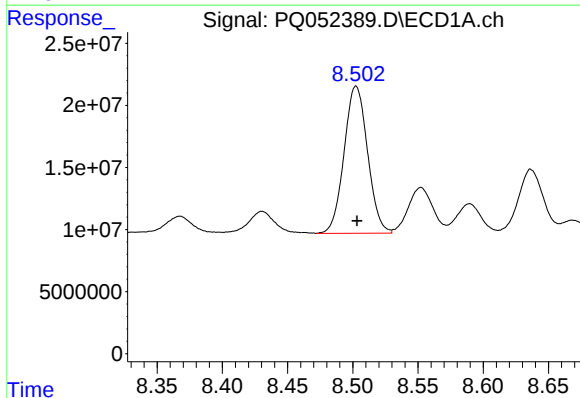
R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 125486674
Conc: 125.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



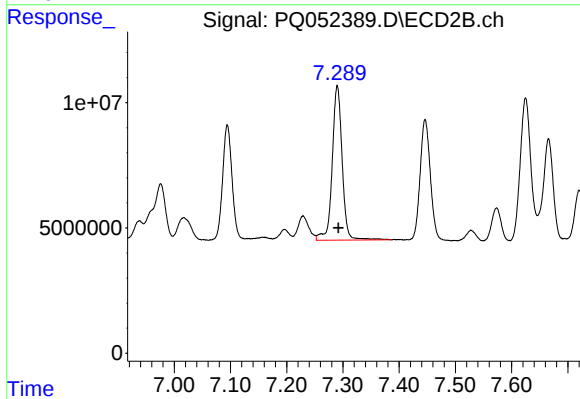
#31 AR-1260-1

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 54942319
Conc: 134.14 ng/ml



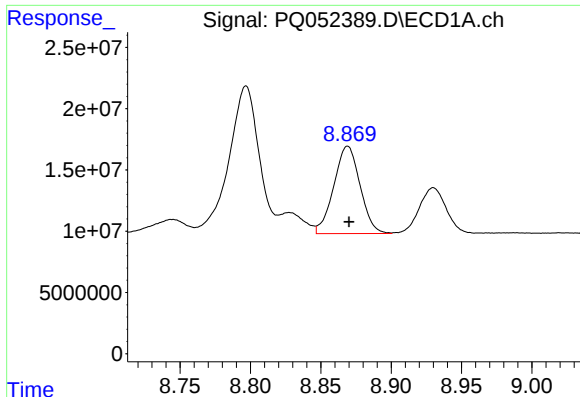
#32 AR-1260-2

R.T.: 8.502 min
Delta R.T.: 0.000 min
Response: 148741606
Conc: 121.10 ng/ml



#32 AR-1260-2

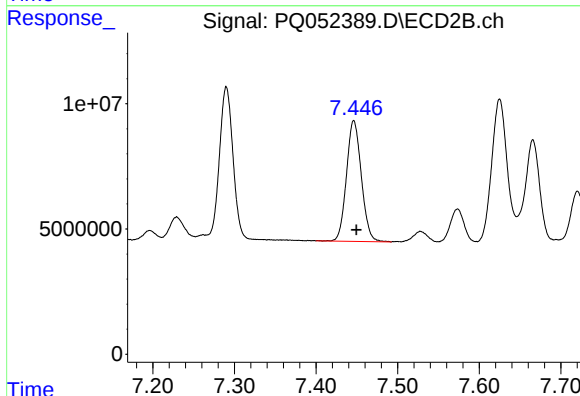
R.T.: 7.290 min
Delta R.T.: -0.002 min
Response: 75856717
Conc: 142.87 ng/ml



#33 AR-1260-3

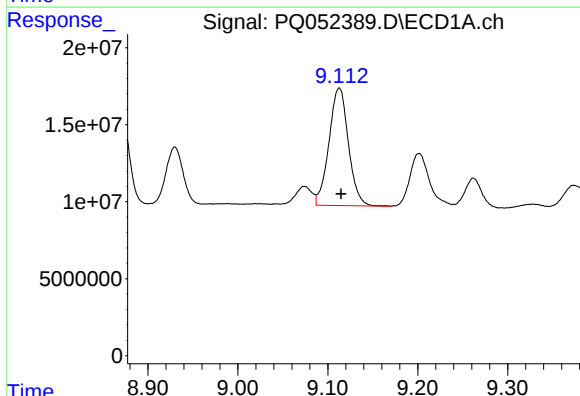
R.T.: 8.869 min
Delta R.T.: 0.000 min
Response: 92844251
Conc: 101.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



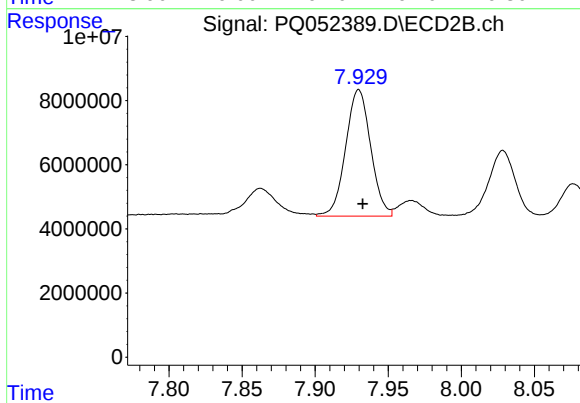
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 61045433
Conc: 127.73 ng/ml



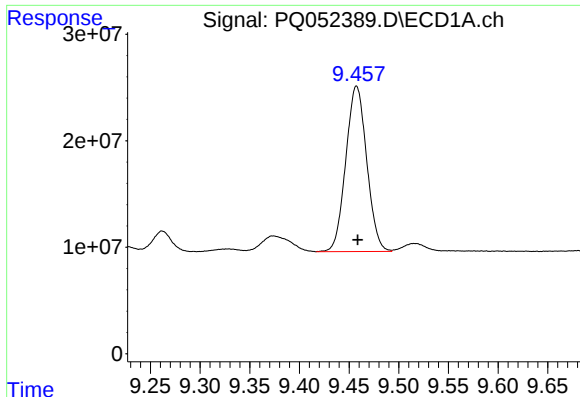
#34 AR-1260-4

R.T.: 9.113 min
Delta R.T.: -0.002 min
Response: 114991479
Conc: 106.73 ng/ml



#34 AR-1260-4

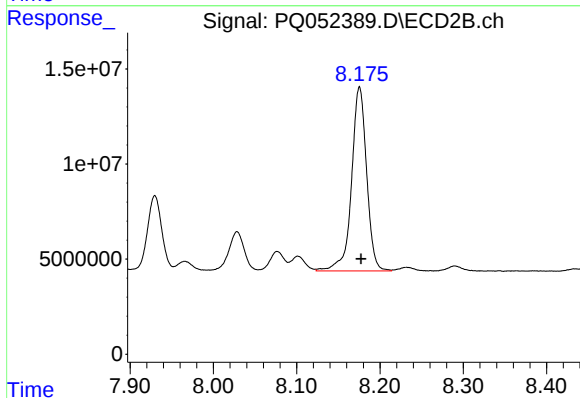
R.T.: 7.930 min
Delta R.T.: -0.003 min
Response: 47041542
Conc: 116.14 ng/ml



#35 AR-1260-5

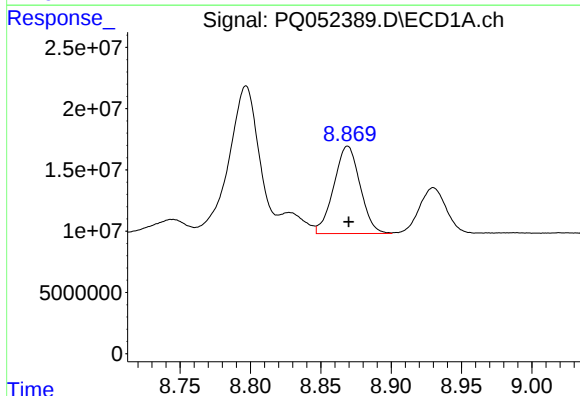
R.T.: 9.458 min
Delta R.T.: -0.001 min
Response: 228031300
Conc: 100.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



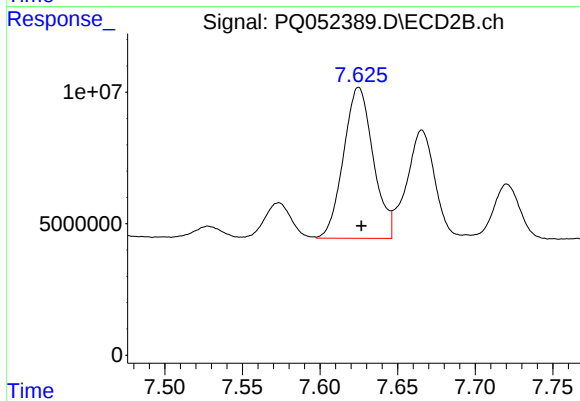
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 121703704
Conc: 113.03 ng/ml



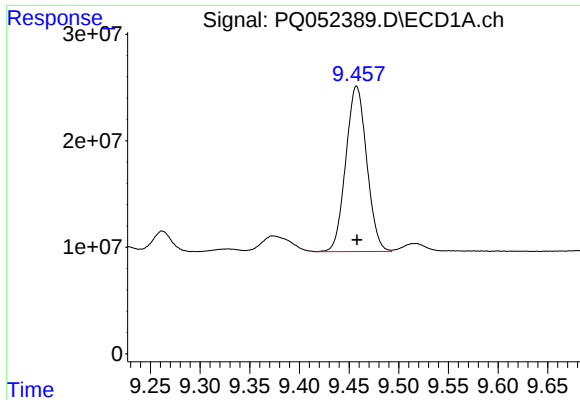
#36 AR-1262-1

R.T.: 8.869 min
Delta R.T.: 0.000 min
Response: 92844251
Conc: 58.97 ng/ml



#36 AR-1262-1

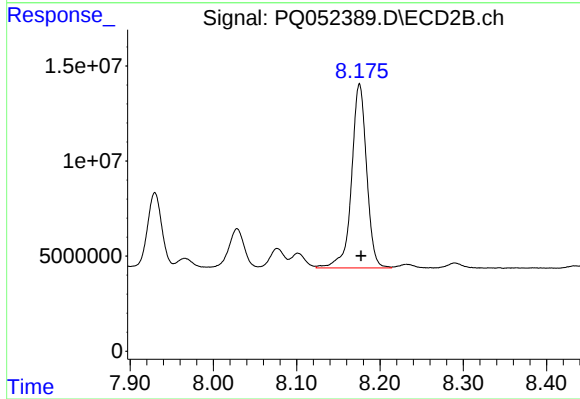
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 76408952
Conc: 221.27 ng/ml



#37 AR-1262-2

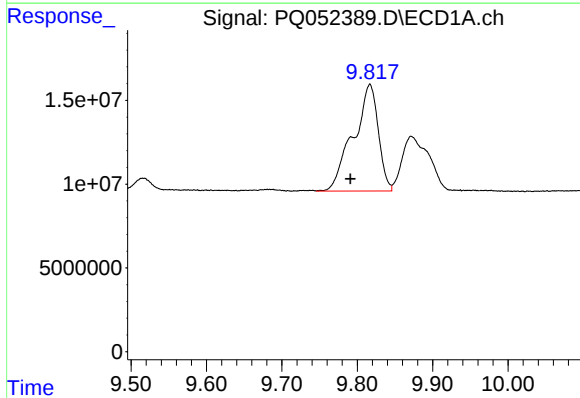
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 228031300
Conc: 76.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



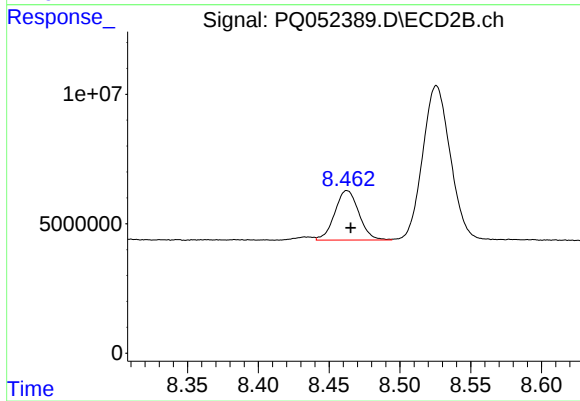
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 121703704
Conc: 90.75 ng/ml



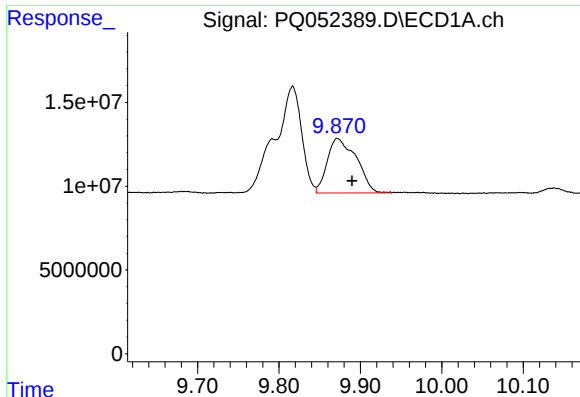
#38 AR-1262-3

R.T.: 9.817 min
Delta R.T.: 0.026 min
Response: 146474731
Conc: 73.58 ng/ml



#38 AR-1262-3

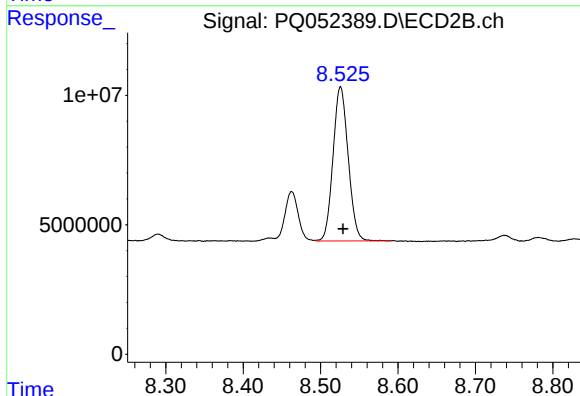
R.T.: 8.463 min
Delta R.T.: -0.003 min
Response: 22691008
Conc: 43.40 ng/ml



#39 AR-1262-4

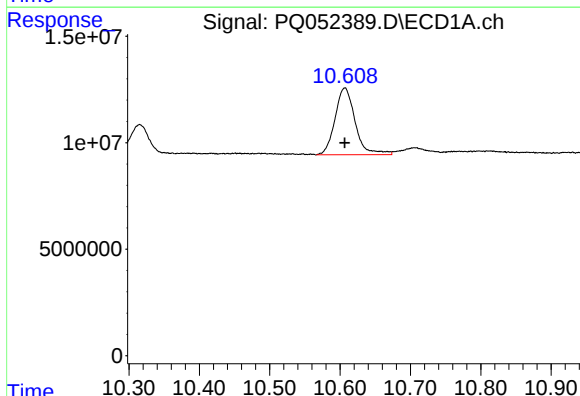
R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 80962351
Conc: 53.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



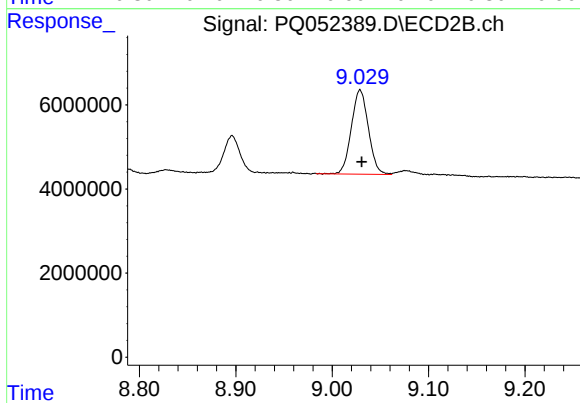
#39 AR-1262-4

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 81053872
Conc: 82.95 ng/ml



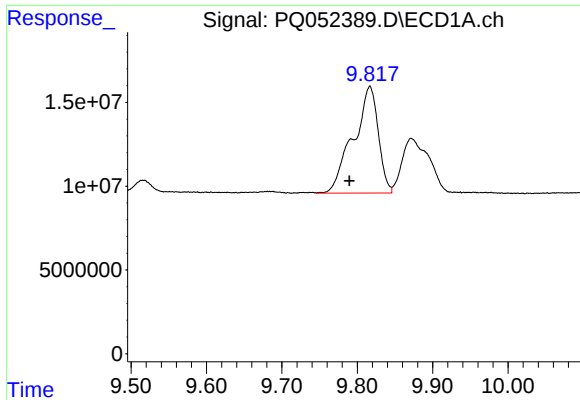
#40 AR-1262-5

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 62586901
Conc: 57.52 ng/ml



#40 AR-1262-5

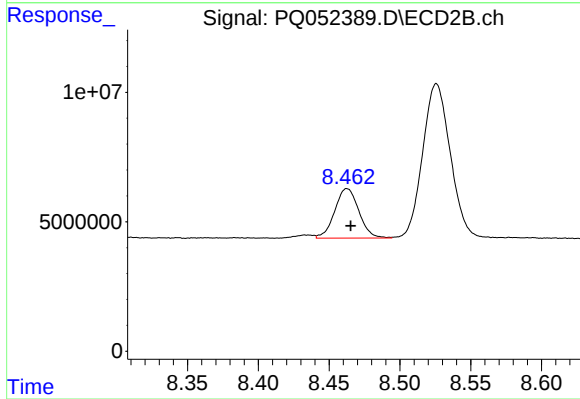
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 24553192
Conc: 54.18 ng/ml



#41 AR-1268-1

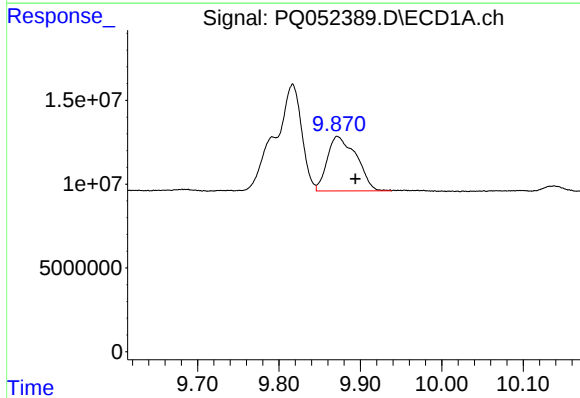
R.T.: 9.817 min
Delta R.T.: 0.027 min
Response: 146474731
Conc: 41.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



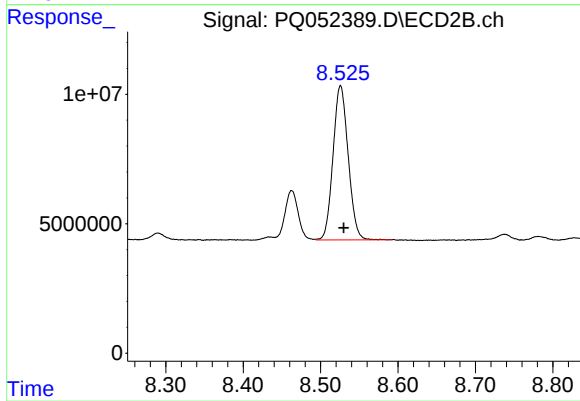
#41 AR-1268-1

R.T.: 8.463 min
Delta R.T.: -0.002 min
Response: 22691008
Conc: 14.09 ng/ml



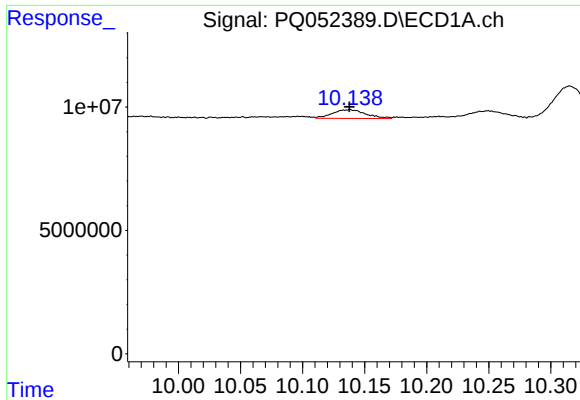
#42 AR-1268-2

R.T.: 9.872 min
Delta R.T.: -0.022 min
Response: 80962351
Conc: 24.65 ng/ml



#42 AR-1268-2

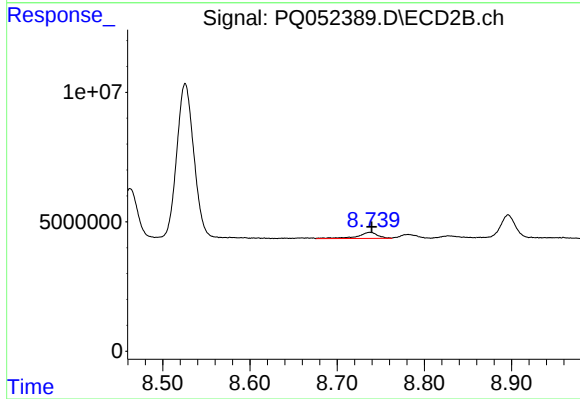
R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 81053872
Conc: 54.37 ng/ml



#43 AR-1268-3

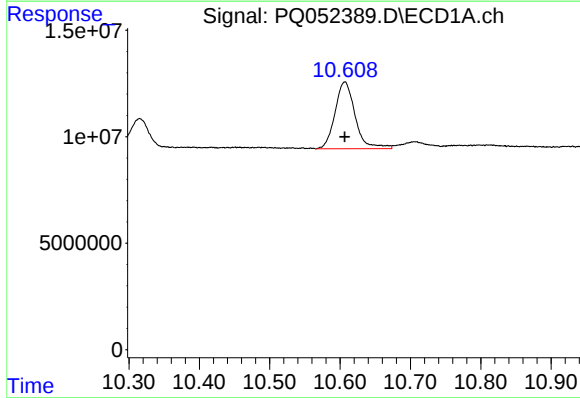
R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 6744872
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



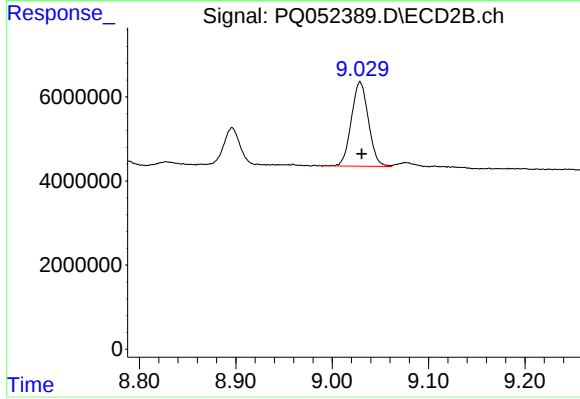
#43 AR-1268-3

R.T.: 8.738 min
Delta R.T.: -0.002 min
Response: 3784011
Conc: 3.02 ng/ml



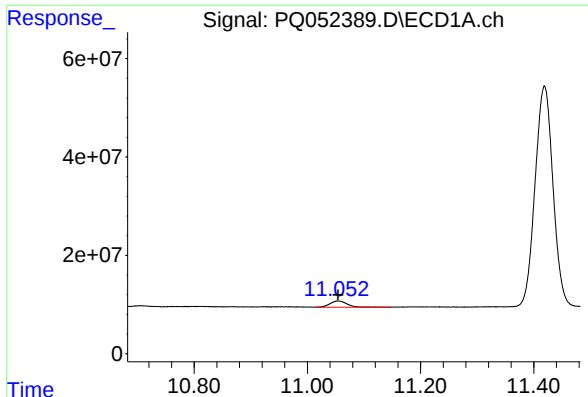
#44 AR-1268-4

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 62586901
Conc: 51.32 ng/ml



#44 AR-1268-4

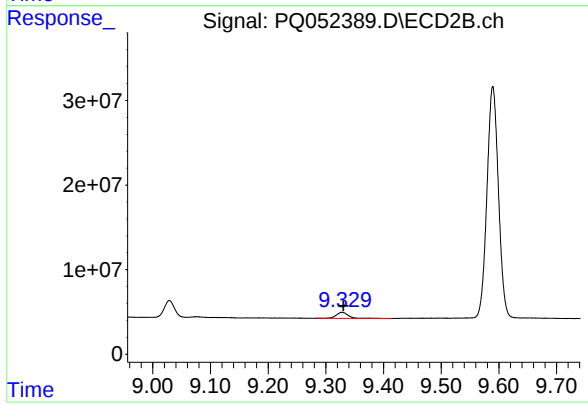
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 24553192
Conc: 46.97 ng/ml



#45 AR-1268-5

R.T.: 11.054 min
Delta R.T.: 0.000 min
Response: 27075907
Conc: 2.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.328 min
Delta R.T.: -0.002 min
Response: 10603343
Conc: 2.64 ng/ml