

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100522\
 Data File : PQ059390.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2022 17:20
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 17:40:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 04 17:01:53 2022
 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...	3.484	2.831	257.4E6	160.4E6	18.695	17.704
2)	SA Decachlor...	8.655	7.612	188.2E6	279.3E6	37.888	36.576
Target Compounds							
3)	L1 AR-1016-1	4.584	3.840	152.0E6	101.6E6	362.433	360.340
4)	L1 AR-1016-2	4.603	3.856	223.1E6	152.8E6	359.865	359.785
5)	L1 AR-1016-3	4.661	4.018	143.5E6	79914502	363.636	359.303
6)	L1 AR-1016-4	4.753	4.065	118.0E6	61101278	358.298	357.394
7)	L1 AR-1016-5	5.040	4.262	113.2E6	81550063	360.950	361.967
8)	L2 AR-1221-1	3.679	3.033	16496419	12307926	111.522	123.908
9)	L2 AR-1221-2	3.762	3.111	20693995	13972456	199.950	204.126
10)	L2 AR-1221-3	3.832	3.180	84501154	57350893	253.808	250.071
11)	L3 AR-1232-1	3.832	3.180	84501154	57350893	300.258	297.842
12)	L3 AR-1232-2	4.326	3.856	115.7E6	152.8E6	787.599	811.374
13)	L3 AR-1232-3	4.603	4.018	223.1E6	79914502	781.752	819.490
14)	L3 AR-1232-4	4.753	4.102	118.0E6	72955567	788.566	893.716
15)	L3 AR-1232-5	4.849	4.262	88993330	81550063	847.872	854.058
16)	L4 AR-1242-1	4.584	3.840	152.0E6	101.6E6	436.344	437.899
17)	L4 AR-1242-2	4.603	3.856	223.1E6	152.8E6	436.167	438.385
18)	L4 AR-1242-3	4.661	4.018	143.5E6	79914502	443.812	437.339
19)	L4 AR-1242-4	4.753	4.102	118.0E6	72955567	437.839	432.526
20)	L4 AR-1242-5	5.467	4.598	31582025	78757483	117.513	356.036 #
21)	L5 AR-1248-1	4.584	3.840	152.0E6	101.6E6	573.091	571.550
22)	L5 AR-1248-2	4.849	4.065	88993330	61101278	249.620	242.026
23)	L5 AR-1248-3	5.040	4.102	113.2E6	72955567	263.637	288.958
24)	L5 AR-1248-4	5.431	4.262	37639423	81550063	80.977	261.093 #
25)	L5 AR-1248-5	5.467	4.637	31582025	19352116	68.606	61.591
26)	L6 AR-1254-1	5.404	4.598	96256806	78757483	200.706	161.095
27)	L6 AR-1254-2	5.621	4.744	89779408	56207743	120.709	129.790
28)	L6 AR-1254-3	5.974	5.147	39051049	109.3E6	49.910	157.685 #
29)	L6 AR-1254-4	6.255	5.353	24393625	8448232	44.624	19.624 #
30)	L6 AR-1254-5	6.667	5.758	265.3E6	225.5E6	447.473	364.348
31)	L7 AR-1260-1	6.138	5.257	205.7E6	162.1E6	369.653	359.868
32)	L7 AR-1260-2	6.396	5.444	238.4E6	199.0E6	373.418	361.883
33)	L7 AR-1260-3	6.748	5.588	168.6E6	187.0E6	376.898	360.540
34)	L7 AR-1260-4	6.965	6.050	184.2E6	158.7E6	381.945	358.934
35)	L7 AR-1260-5	7.274	6.293	339.6E6	374.6E6	385.236	367.272
36)	L8 AR-1262-1	6.748	5.801	168.6E6	162.3E6	242.407	254.732
37)	L8 AR-1262-2	7.274	6.293	339.6E6	374.6E6	312.459	320.245
38)	L8 AR-1262-3	7.551	6.572	195.6E6	81943223	294.184	177.940 #
39)	L8 AR-1262-4	7.623	6.631	118.6E6	272.3E6	376.952	310.660
40)	L8 AR-1262-5	8.125	7.125	68476317	93278815	239.893	234.748
41)	L9 AR-1268-1	7.551	6.572	195.6E6	81943223	167.415	58.246 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100522\
Data File : PQ059390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2022 17:20
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 44 Sample Multiplier: 1

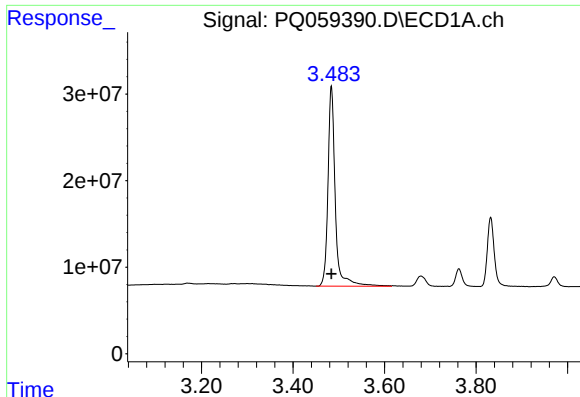
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 17:40:45 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 04 17:01:53 2022
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
42) L9	AR-1268-2	7.623	6.631	118.6E6	272.3E6	113.313	210.415 #
43) L9	AR-1268-3	7.805	6.838	3360802	4532075	3.998	4.105
44) L9	AR-1268-4	8.125	7.125	68476317	93278815	212.048	205.948
45) L9	AR-1268-5	8.419	7.394	17456738	25946648	7.750	7.256

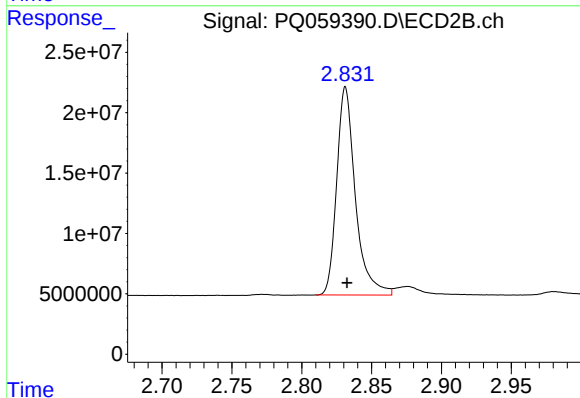
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

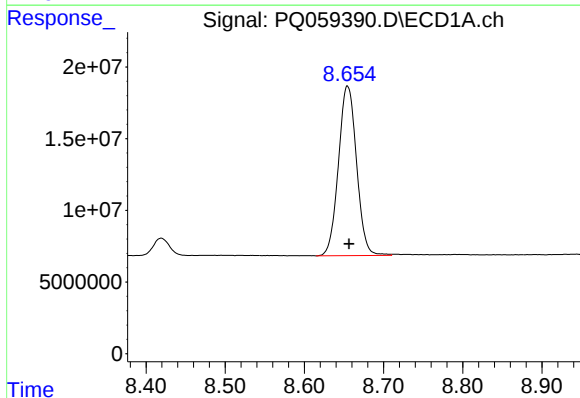
R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 257408581
Conc: 18.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



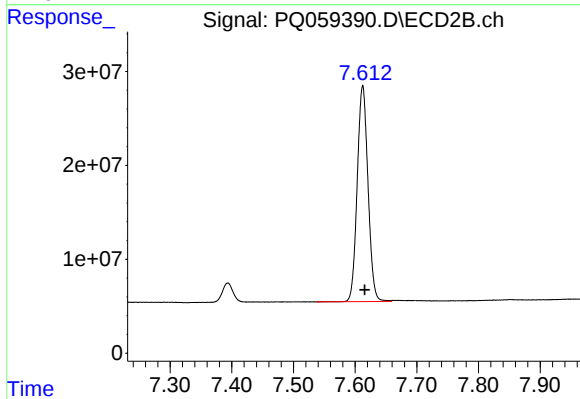
#1 Tetrachloro-m-xylene

R.T.: 2.831 min
Delta R.T.: -0.001 min
Response: 160373219
Conc: 17.70 ng/ml



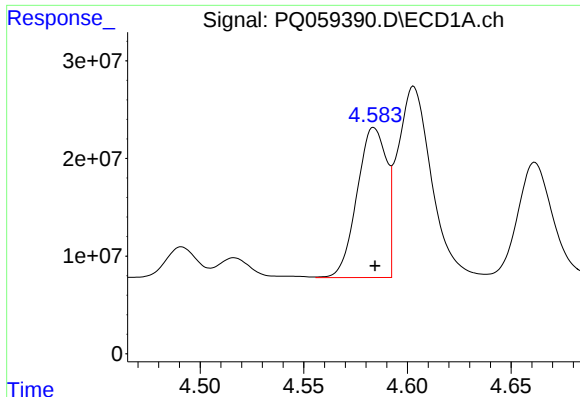
#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.002 min
Response: 188157246
Conc: 37.89 ng/ml



#2 Decachlorobiphenyl

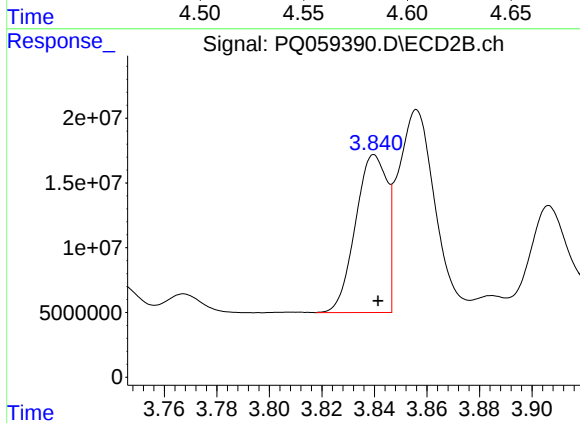
R.T.: 7.612 min
Delta R.T.: -0.003 min
Response: 279302215
Conc: 36.58 ng/ml



#3 AR-1016-1

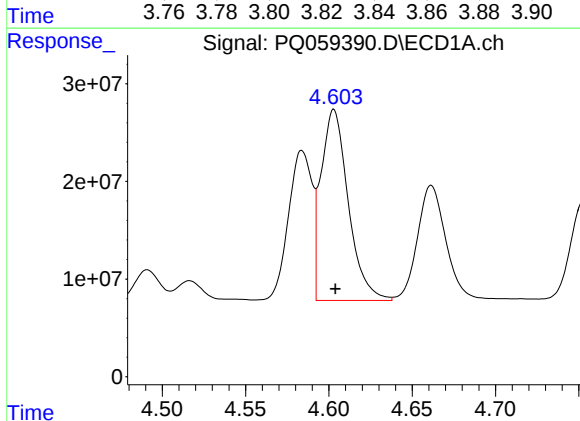
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 151999904
Conc: 362.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



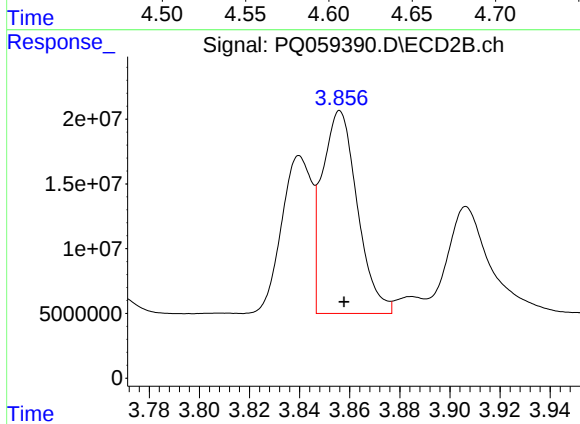
#3 AR-1016-1

R.T.: 3.840 min
Delta R.T.: -0.001 min
Response: 101612606
Conc: 360.34 ng/ml



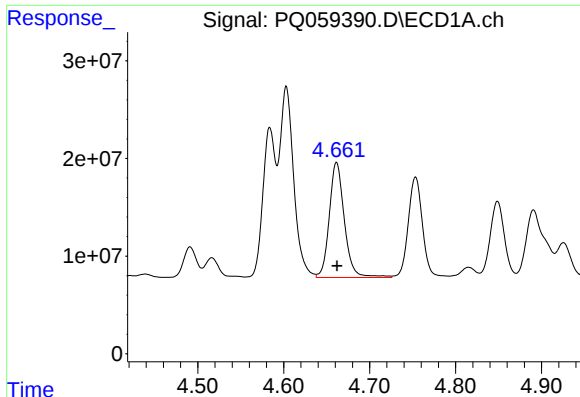
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 223096936
Conc: 359.87 ng/ml



#4 AR-1016-2

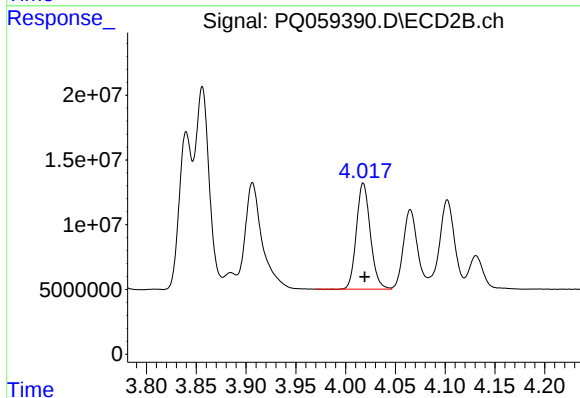
R.T.: 3.856 min
Delta R.T.: -0.002 min
Response: 152817452
Conc: 359.79 ng/ml



#5 AR-1016-3

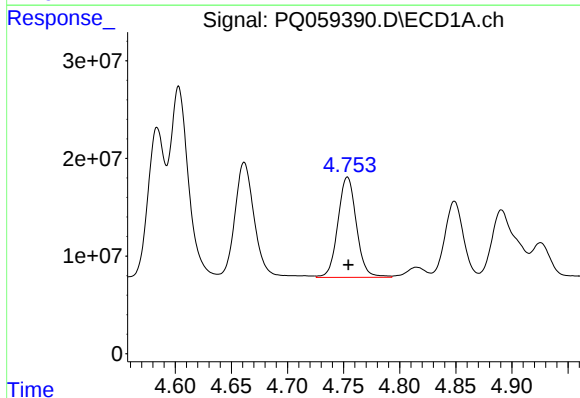
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 143521811
Conc: 363.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



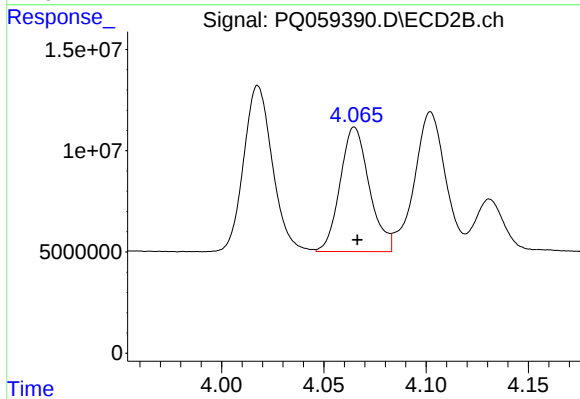
#5 AR-1016-3

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 79914502
Conc: 359.30 ng/ml



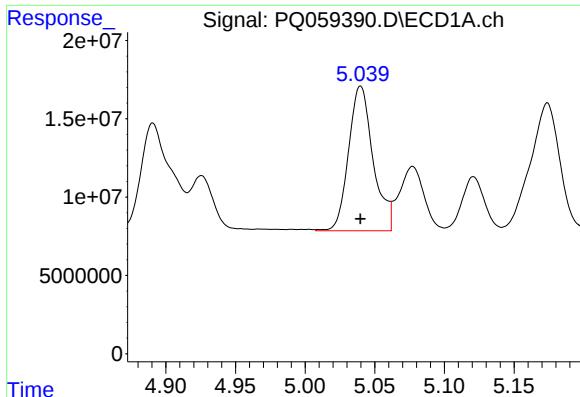
#6 AR-1016-4

R.T.: 4.753 min
Delta R.T.: 0.000 min
Response: 117982725
Conc: 358.30 ng/ml



#6 AR-1016-4

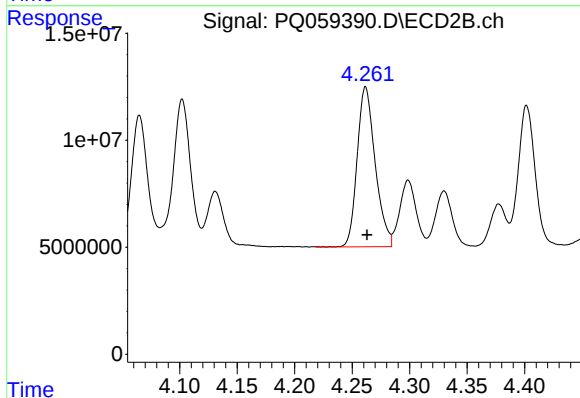
R.T.: 4.065 min
Delta R.T.: -0.001 min
Response: 61101278
Conc: 357.39 ng/ml



#7 AR-1016-5

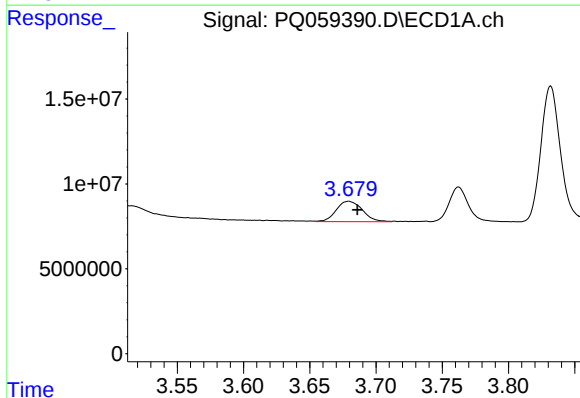
R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 113226552
Conc: 360.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



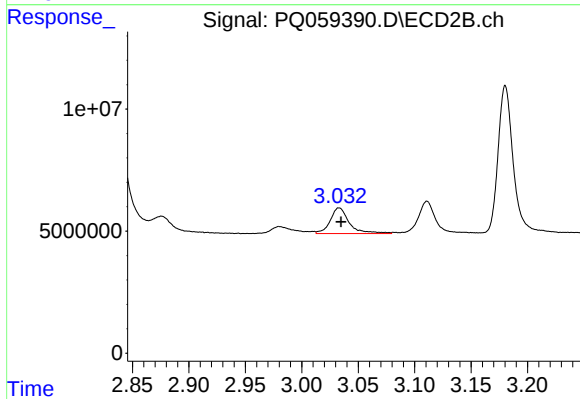
#7 AR-1016-5

R.T.: 4.262 min
Delta R.T.: -0.001 min
Response: 81550063
Conc: 361.97 ng/ml



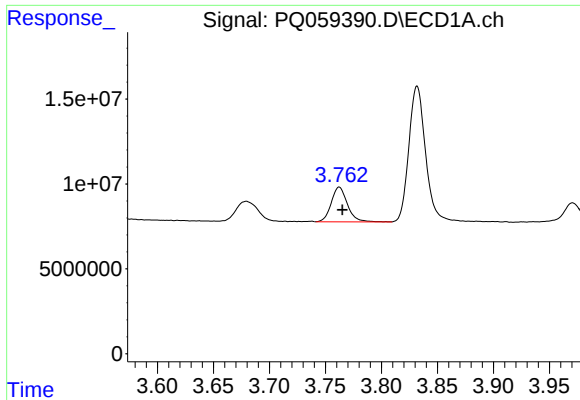
#8 AR-1221-1

R.T.: 3.679 min
Delta R.T.: -0.007 min
Response: 16496419
Conc: 111.52 ng/ml



#8 AR-1221-1

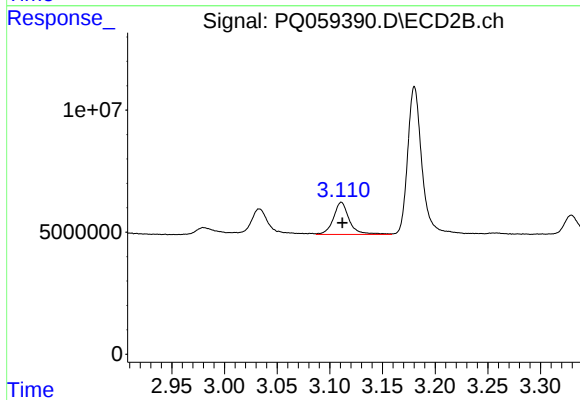
R.T.: 3.033 min
Delta R.T.: -0.001 min
Response: 12307926
Conc: 123.91 ng/ml



#9 AR-1221-2

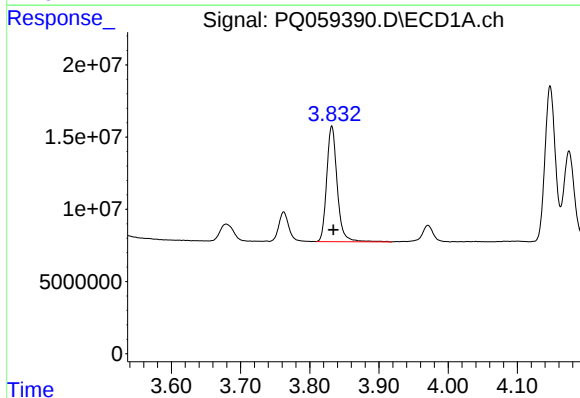
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 20693995
Conc: 199.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



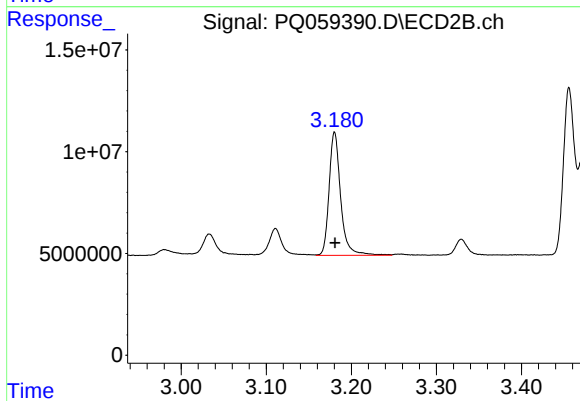
#9 AR-1221-2

R.T.: 3.111 min
Delta R.T.: 0.000 min
Response: 13972456
Conc: 204.13 ng/ml



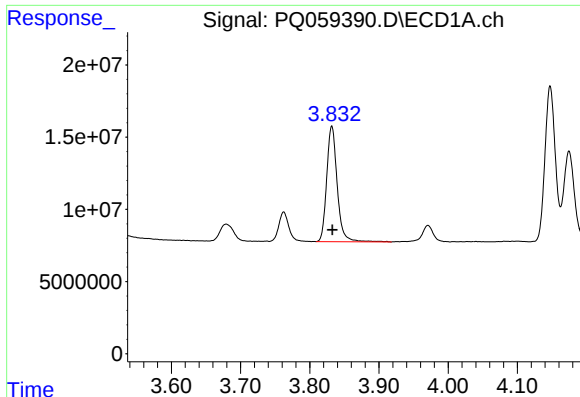
#10 AR-1221-3

R.T.: 3.832 min
Delta R.T.: -0.003 min
Response: 84501154
Conc: 253.81 ng/ml



#10 AR-1221-3

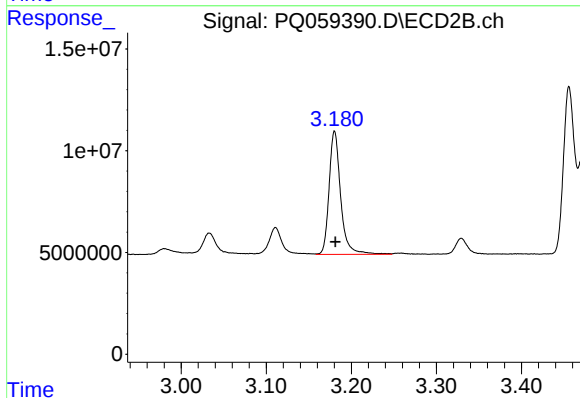
R.T.: 3.180 min
Delta R.T.: 0.000 min
Response: 57350893
Conc: 250.07 ng/ml



#11 AR-1232-1

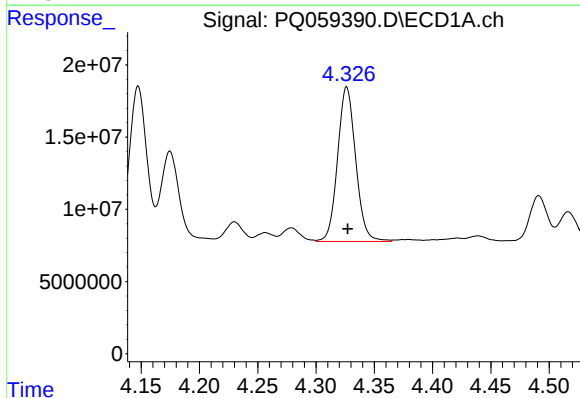
R.T.: 3.832 min
Delta R.T.: 0.000 min
Response: 84501154
Conc: 300.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



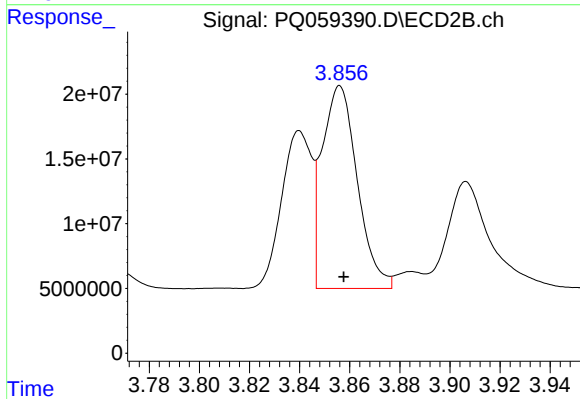
#11 AR-1232-1

R.T.: 3.180 min
Delta R.T.: 0.000 min
Response: 57350893
Conc: 297.84 ng/ml



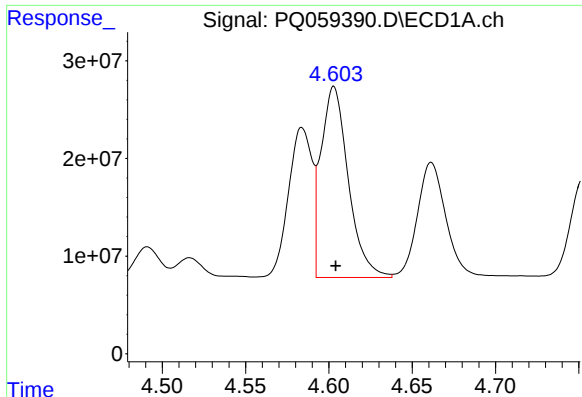
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 115709253
Conc: 787.60 ng/ml



#12 AR-1232-2

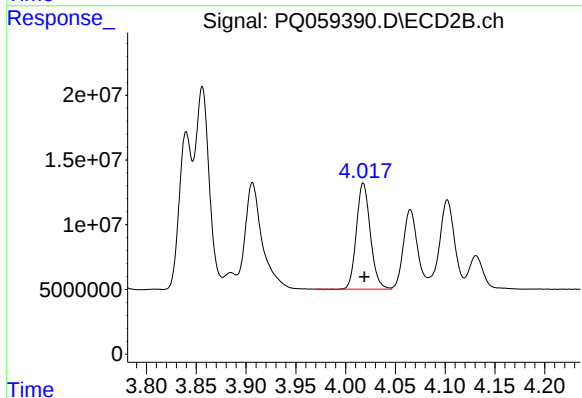
R.T.: 3.856 min
Delta R.T.: -0.001 min
Response: 152817452
Conc: 811.37 ng/ml



#13 AR-1232-3

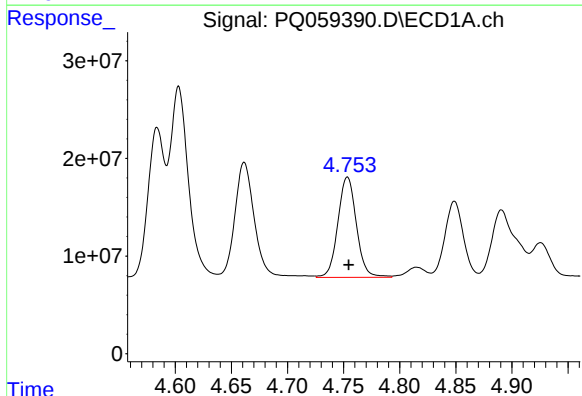
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 223096936
Conc: 781.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



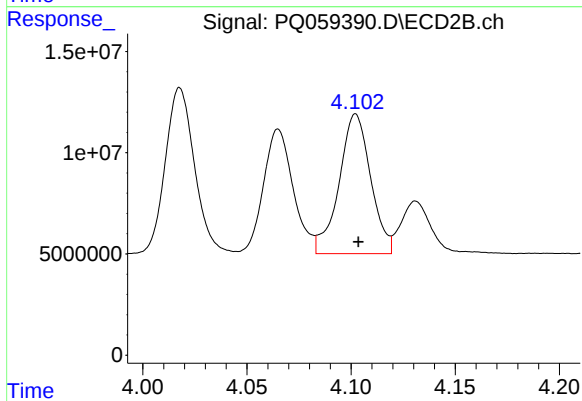
#13 AR-1232-3

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 79914502
Conc: 819.49 ng/ml



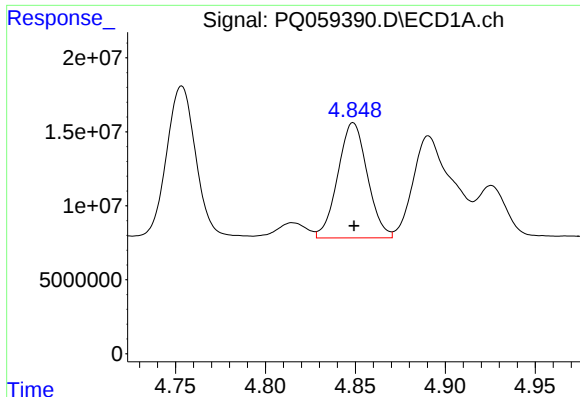
#14 AR-1232-4

R.T.: 4.753 min
Delta R.T.: -0.001 min
Response: 117982725
Conc: 788.57 ng/ml



#14 AR-1232-4

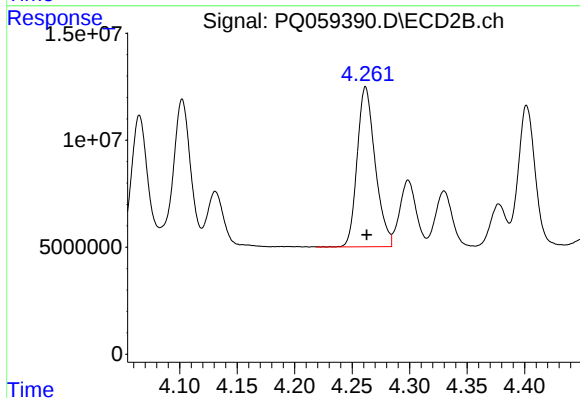
R.T.: 4.102 min
Delta R.T.: -0.001 min
Response: 72955567
Conc: 893.72 ng/ml



#15 AR-1232-5

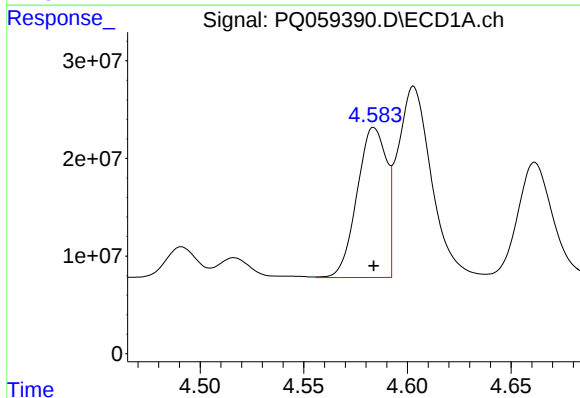
R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 88993330
Conc: 847.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



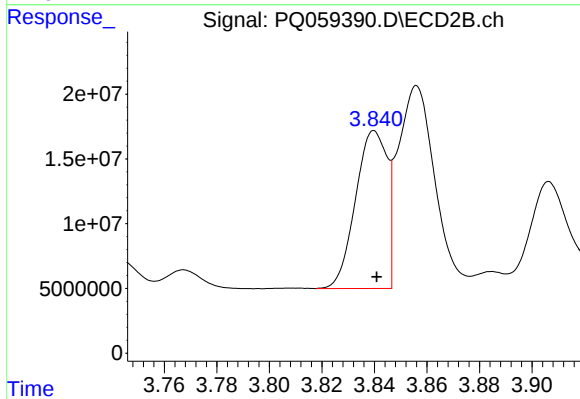
#15 AR-1232-5

R.T.: 4.262 min
Delta R.T.: -0.001 min
Response: 81550063
Conc: 854.06 ng/ml



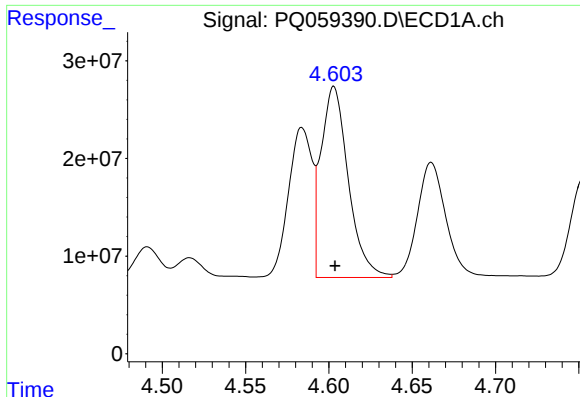
#16 AR-1242-1

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 151999904
Conc: 436.34 ng/ml



#16 AR-1242-1

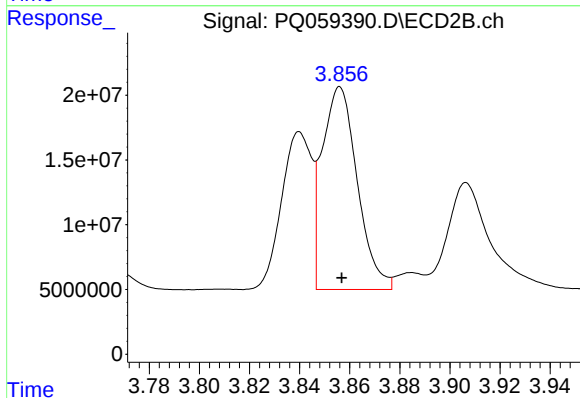
R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 101612606
Conc: 437.90 ng/ml



#17 AR-1242-2

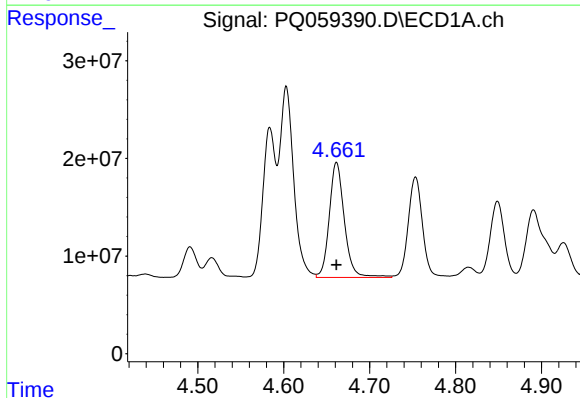
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 223096936
Conc: 436.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



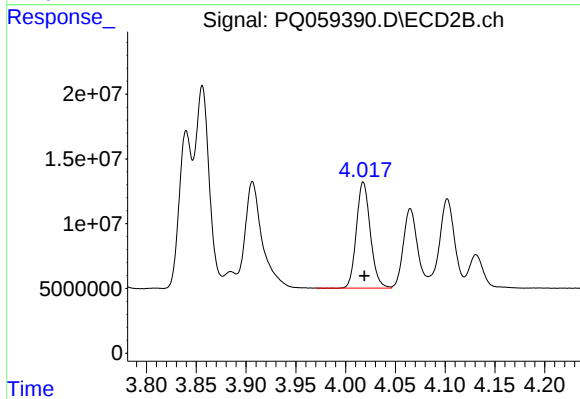
#17 AR-1242-2

R.T.: 3.856 min
Delta R.T.: 0.000 min
Response: 152817452
Conc: 438.39 ng/ml



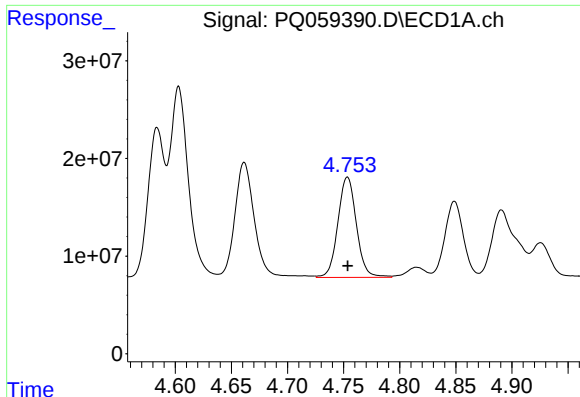
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 143521811
Conc: 443.81 ng/ml



#18 AR-1242-3

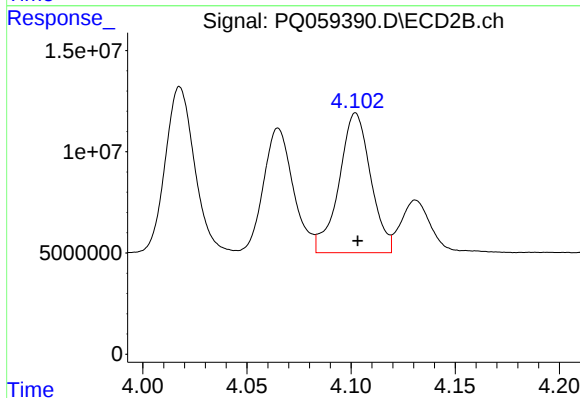
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 79914502
Conc: 437.34 ng/ml



#19 AR-1242-4

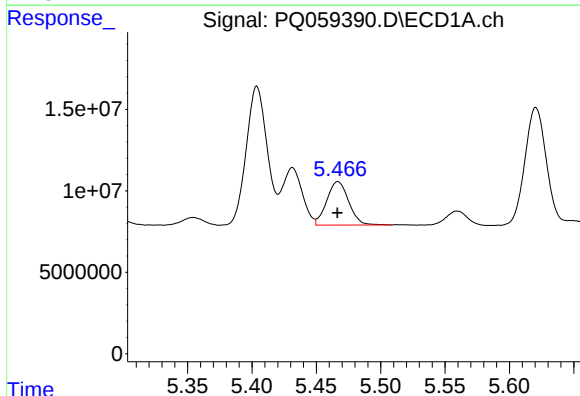
R.T.: 4.753 min
Delta R.T.: 0.000 min
Response: 117982725
Conc: 437.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



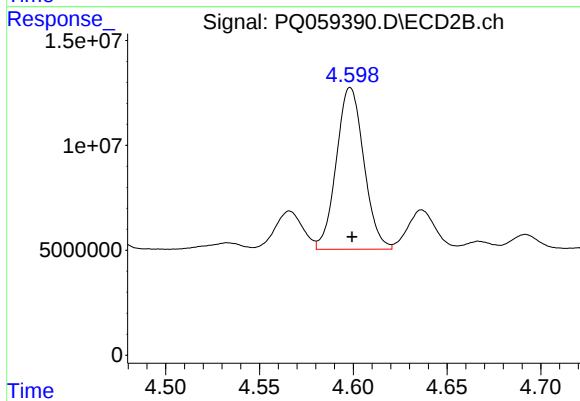
#19 AR-1242-4

R.T.: 4.102 min
Delta R.T.: 0.000 min
Response: 72955567
Conc: 432.53 ng/ml



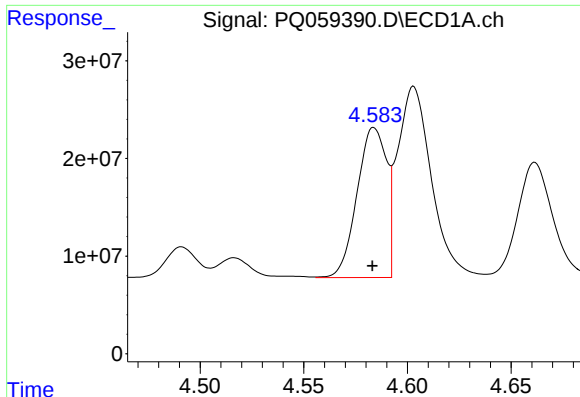
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 31582025
Conc: 117.51 ng/ml



#20 AR-1242-5

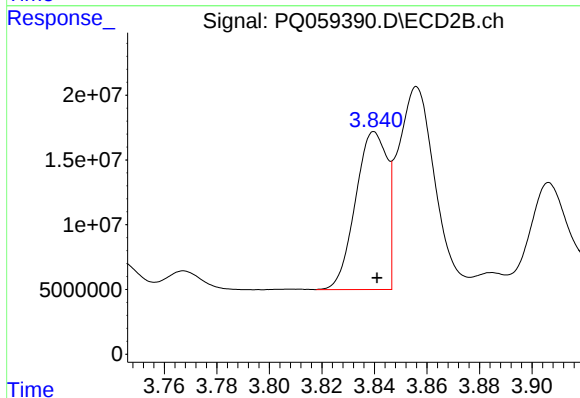
R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 78757483
Conc: 356.04 ng/ml



#21 AR-1248-1

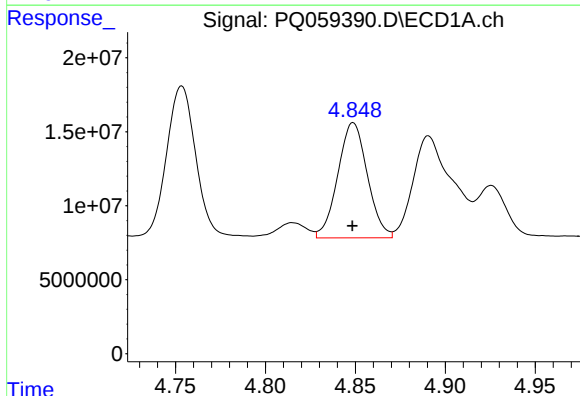
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 151999904
Conc: 573.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



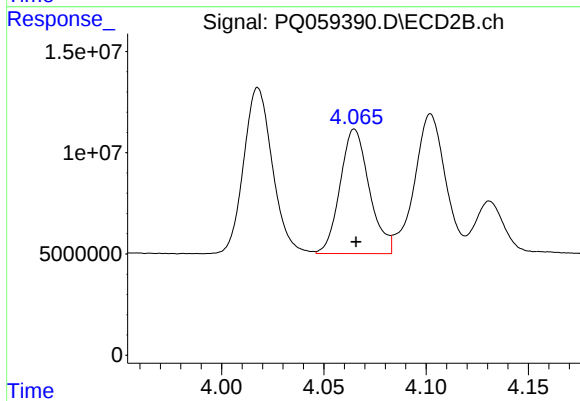
#21 AR-1248-1

R.T.: 3.840 min
Delta R.T.: -0.001 min
Response: 101612606
Conc: 571.55 ng/ml



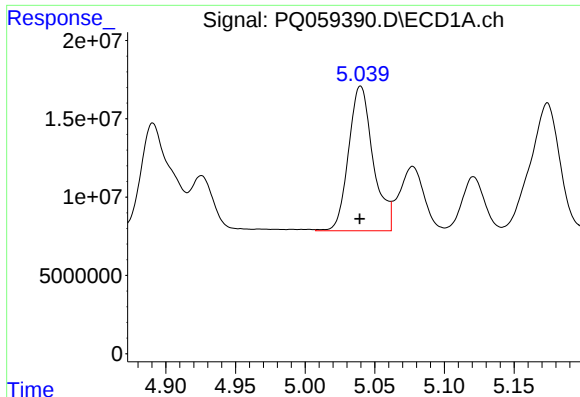
#22 AR-1248-2

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 88993330
Conc: 249.62 ng/ml



#22 AR-1248-2

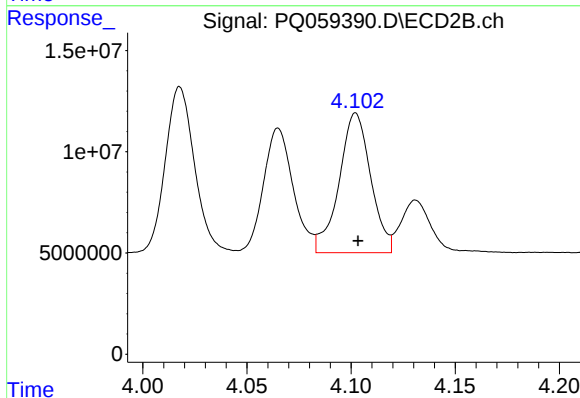
R.T.: 4.065 min
Delta R.T.: 0.000 min
Response: 61101278
Conc: 242.03 ng/ml



#23 AR-1248-3

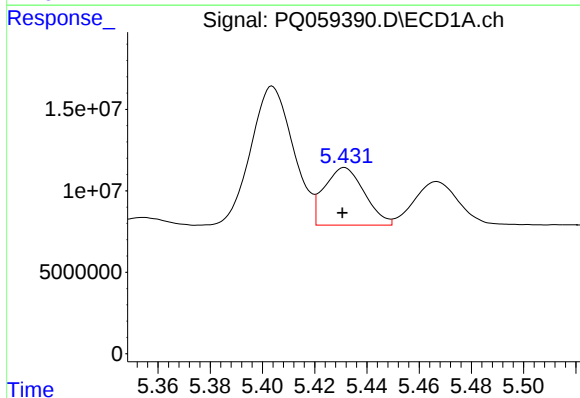
R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 113226552
Conc: 263.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



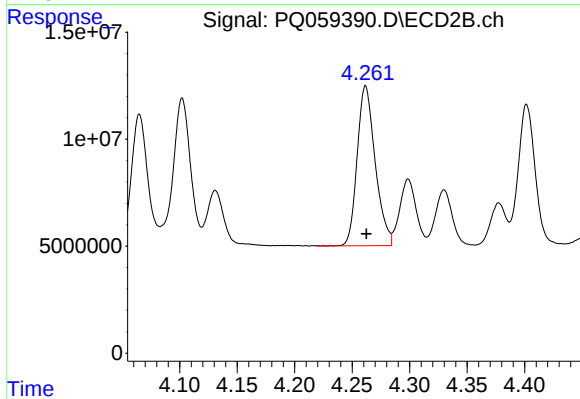
#23 AR-1248-3

R.T.: 4.102 min
Delta R.T.: -0.001 min
Response: 72955567
Conc: 288.96 ng/ml



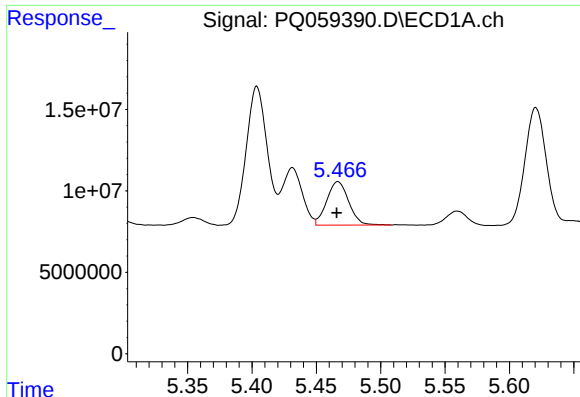
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 37639423
Conc: 80.98 ng/ml



#24 AR-1248-4

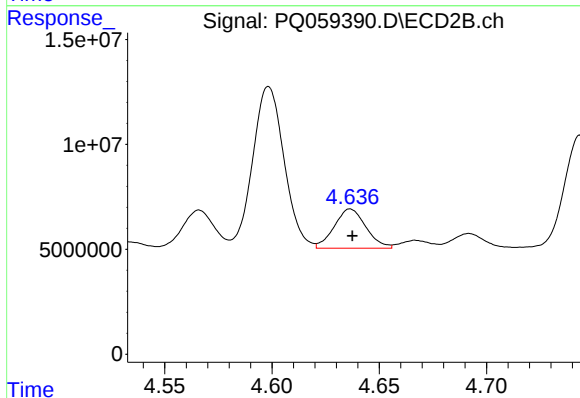
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 81550063
Conc: 261.09 ng/ml



#25 AR-1248-5

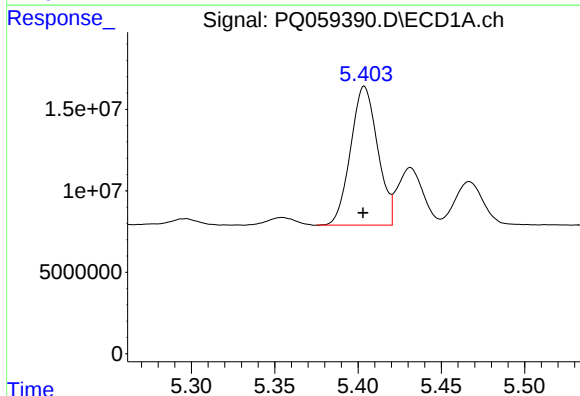
R.T.: 5.467 min
Delta R.T.: 0.001 min
Response: 31582025
Conc: 68.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



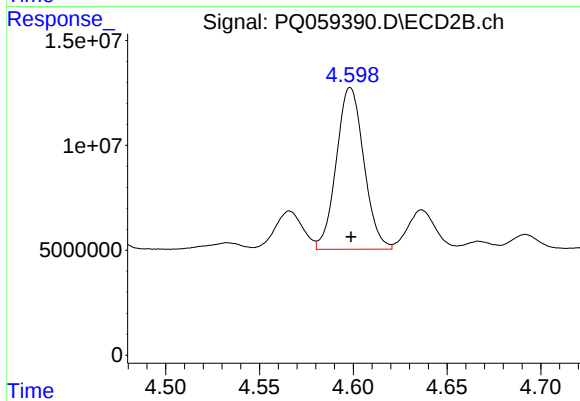
#25 AR-1248-5

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 19352116
Conc: 61.59 ng/ml



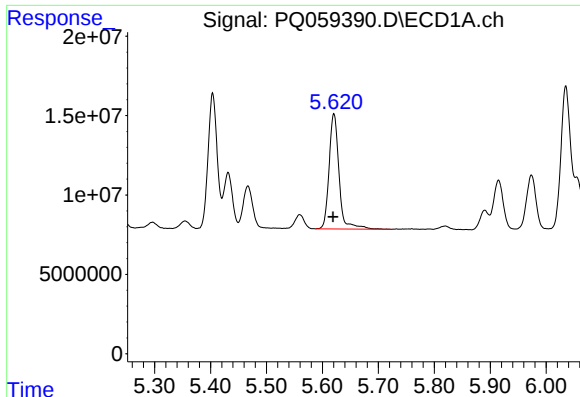
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 96256806
Conc: 200.71 ng/ml



#26 AR-1254-1

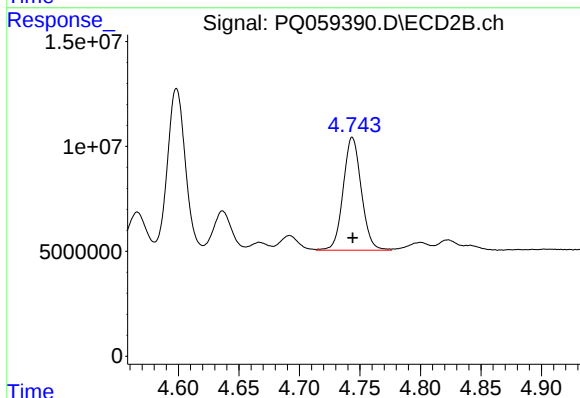
R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 78757483
Conc: 161.09 ng/ml



#27 AR-1254-2

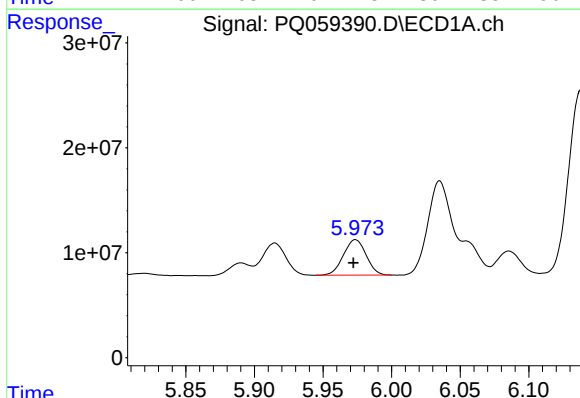
R.T.: 5.621 min
Delta R.T.: 0.002 min
Response: 89779408
Conc: 120.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



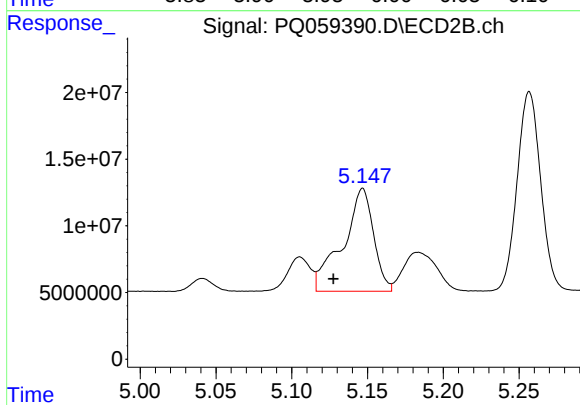
#27 AR-1254-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 56207743
Conc: 129.79 ng/ml



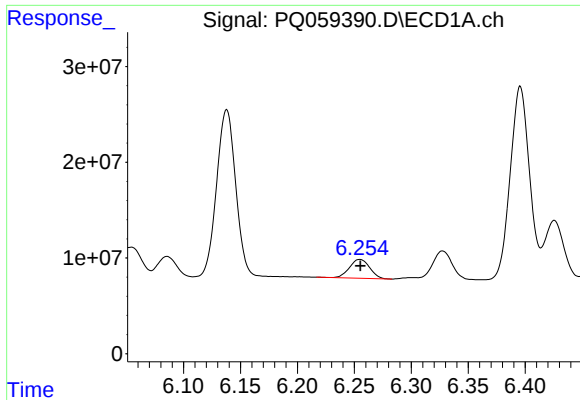
#28 AR-1254-3

R.T.: 5.974 min
Delta R.T.: 0.002 min
Response: 39051049
Conc: 49.91 ng/ml



#28 AR-1254-3

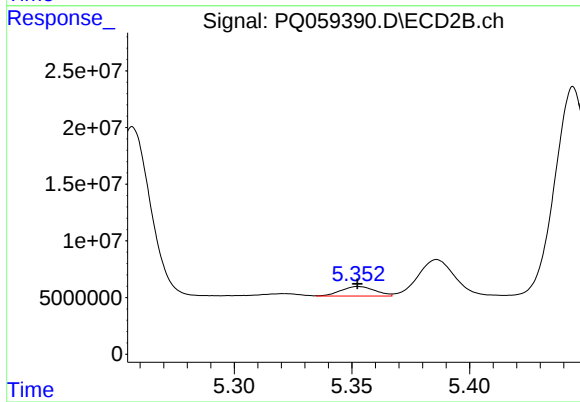
R.T.: 5.147 min
Delta R.T.: 0.019 min
Response: 109267208
Conc: 157.69 ng/ml



#29 AR-1254-4

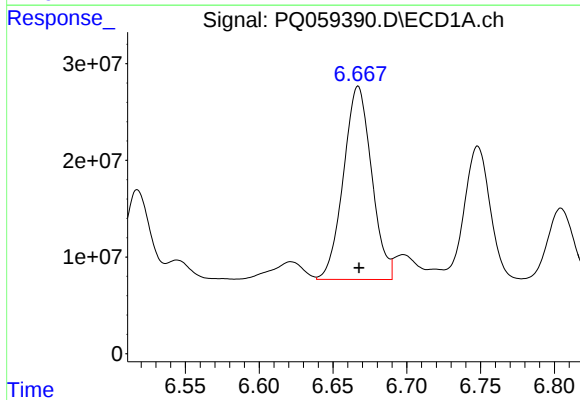
R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 24393625
Conc: 44.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



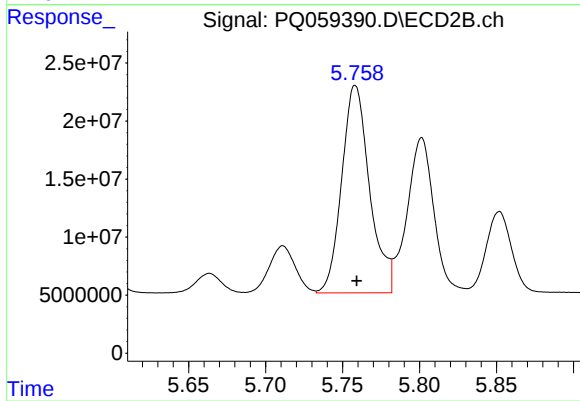
#29 AR-1254-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 8448232
Conc: 19.62 ng/ml



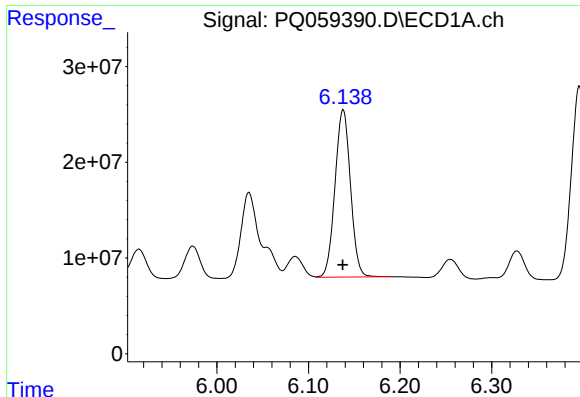
#30 AR-1254-5

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 265288245
Conc: 447.47 ng/ml



#30 AR-1254-5

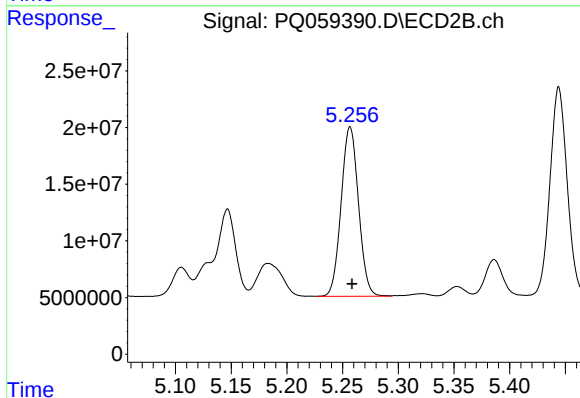
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 225524615
Conc: 364.35 ng/ml



#31 AR-1260-1

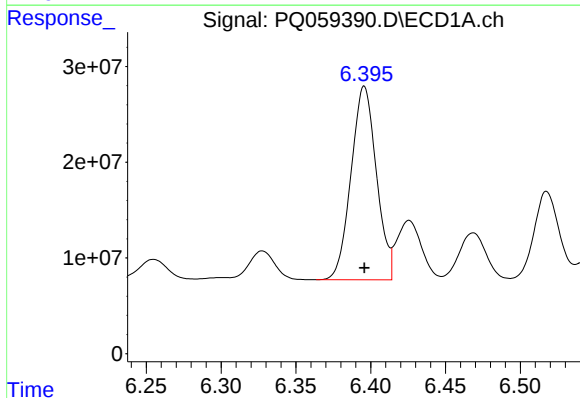
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 205658927
Conc: 369.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



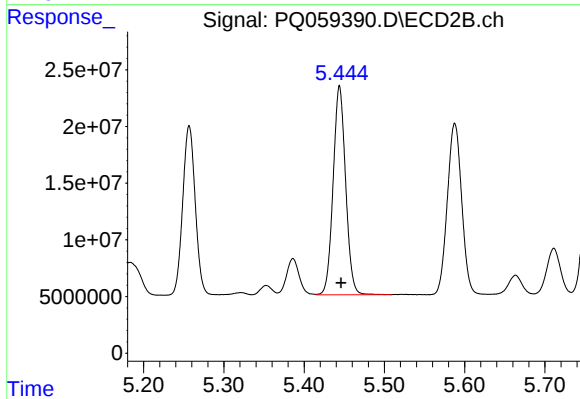
#31 AR-1260-1

R.T.: 5.257 min
Delta R.T.: -0.002 min
Response: 162143148
Conc: 359.87 ng/ml



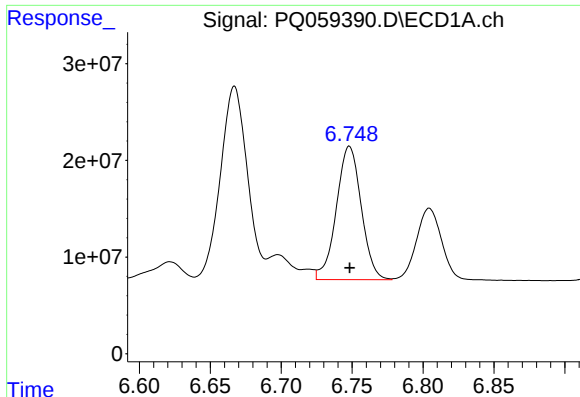
#32 AR-1260-2

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 238398929
Conc: 373.42 ng/ml



#32 AR-1260-2

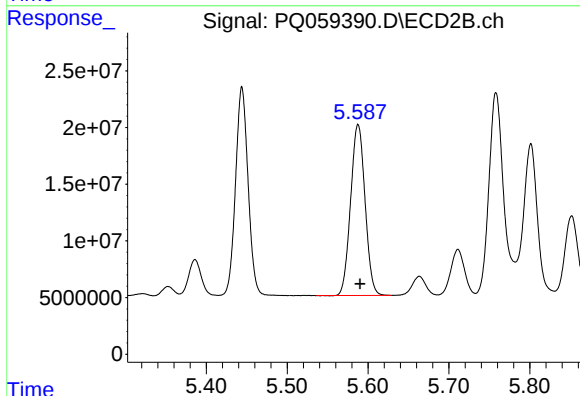
R.T.: 5.444 min
Delta R.T.: -0.002 min
Response: 199010339
Conc: 361.88 ng/ml



#33 AR-1260-3

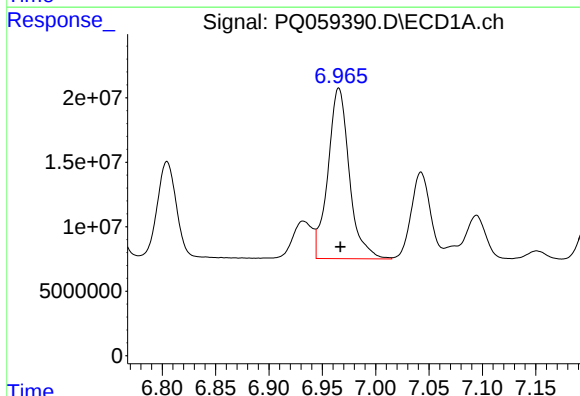
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 168554046
Conc: 376.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



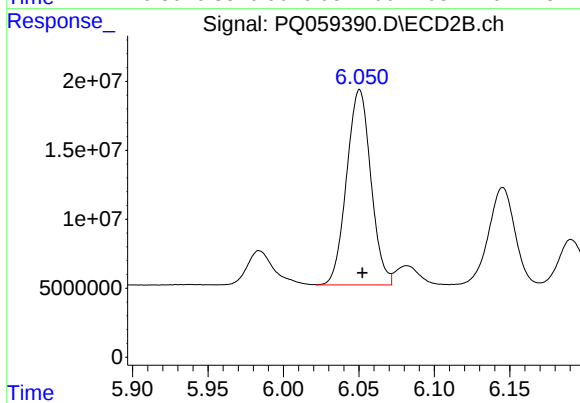
#33 AR-1260-3

R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 187041906
Conc: 360.54 ng/ml



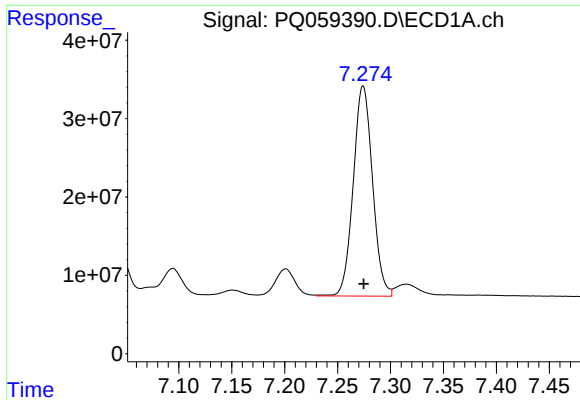
#34 AR-1260-4

R.T.: 6.965 min
Delta R.T.: -0.001 min
Response: 184170502
Conc: 381.95 ng/ml



#34 AR-1260-4

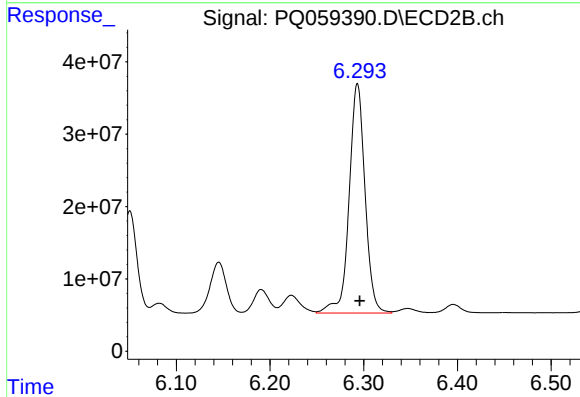
R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 158659631
Conc: 358.93 ng/ml



#35 AR-1260-5

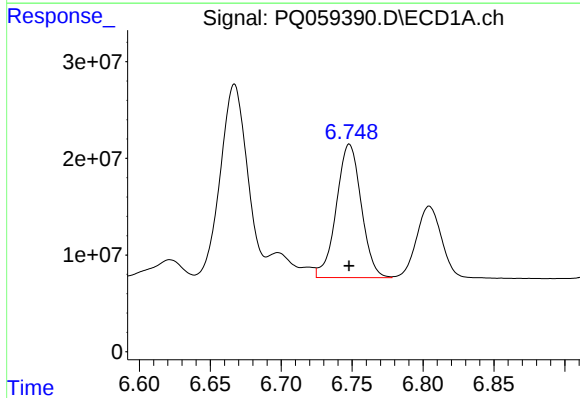
R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 339647912
Conc: 385.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



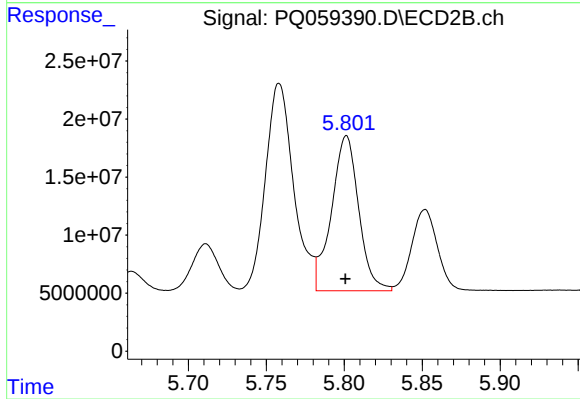
#35 AR-1260-5

R.T.: 6.293 min
Delta R.T.: -0.002 min
Response: 374572036
Conc: 367.27 ng/ml



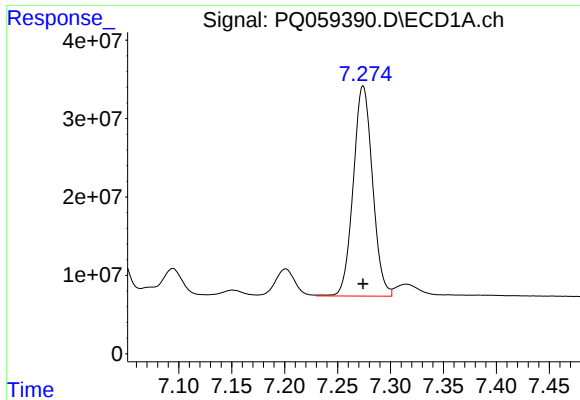
#36 AR-1262-1

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 168554046
Conc: 242.41 ng/ml



#36 AR-1262-1

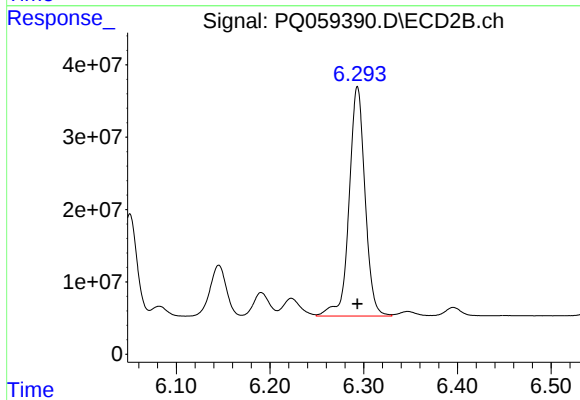
R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 162325103
Conc: 254.73 ng/ml



#37 AR-1262-2

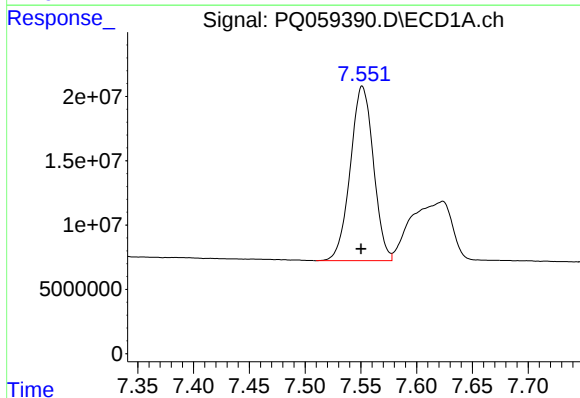
R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 339647912
Conc: 312.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



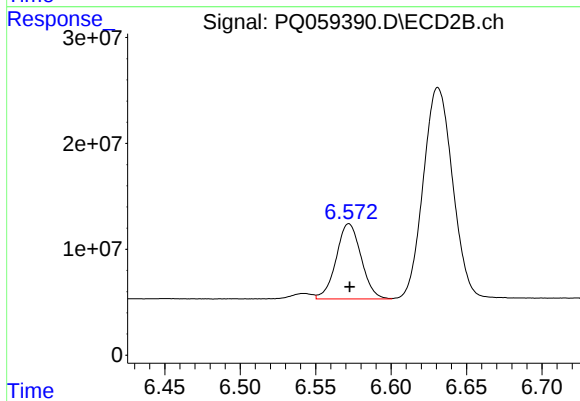
#37 AR-1262-2

R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 374572036
Conc: 320.24 ng/ml



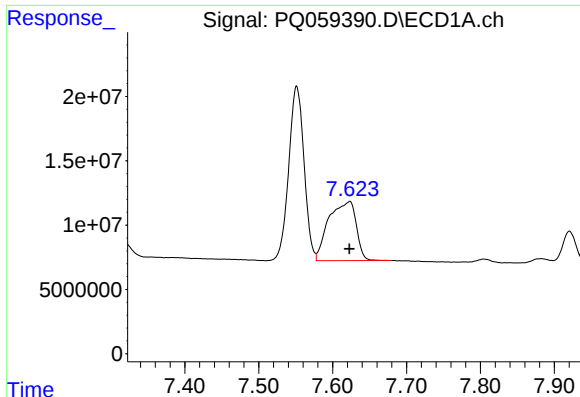
#38 AR-1262-3

R.T.: 7.551 min
Delta R.T.: 0.001 min
Response: 195575539
Conc: 294.18 ng/ml



#38 AR-1262-3

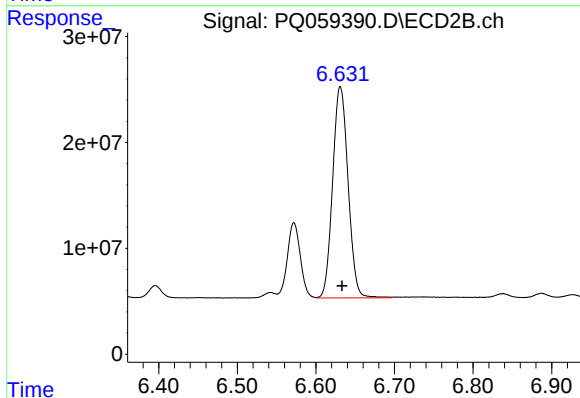
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 81943223
Conc: 177.94 ng/ml



#39 AR-1262-4

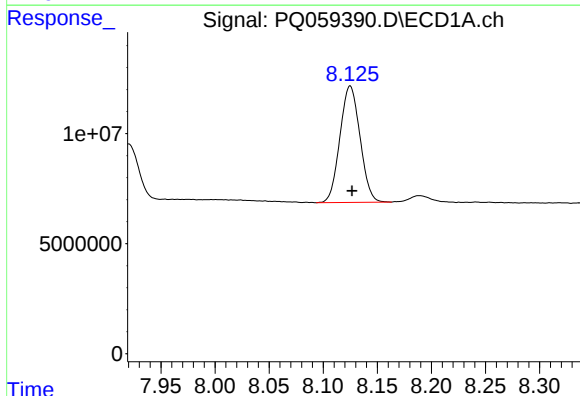
R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 118572610
Conc: 376.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



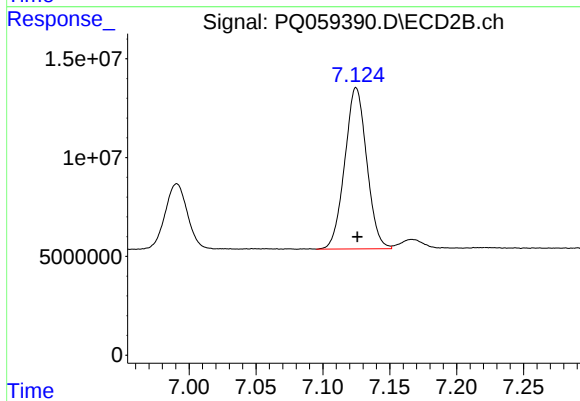
#39 AR-1262-4

R.T.: 6.631 min
Delta R.T.: -0.002 min
Response: 272251356
Conc: 310.66 ng/ml



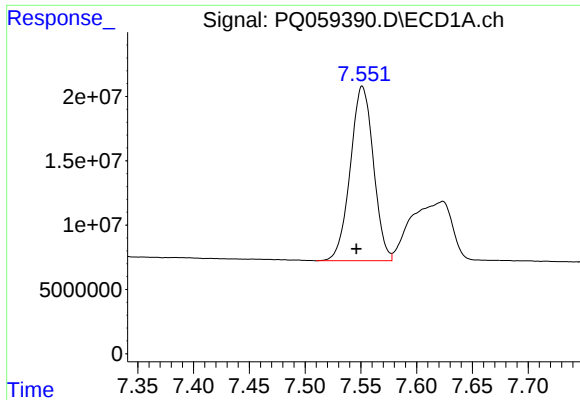
#40 AR-1262-5

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 68476317
Conc: 239.89 ng/ml



#40 AR-1262-5

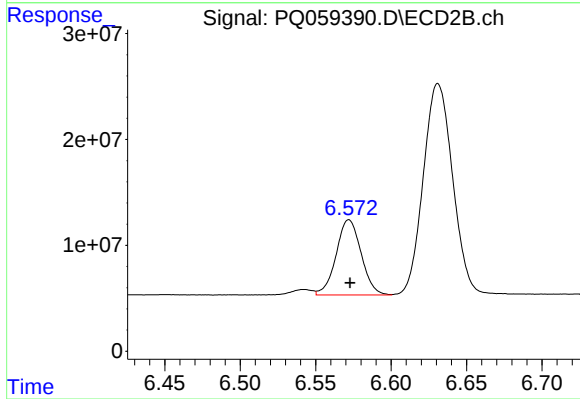
R.T.: 7.125 min
Delta R.T.: -0.001 min
Response: 93278815
Conc: 234.75 ng/ml



#41 AR-1268-1

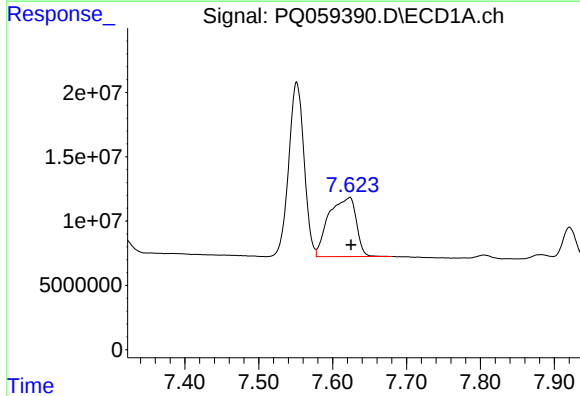
R.T.: 7.551 min
Delta R.T.: 0.005 min
Response: 195575539
Conc: 167.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



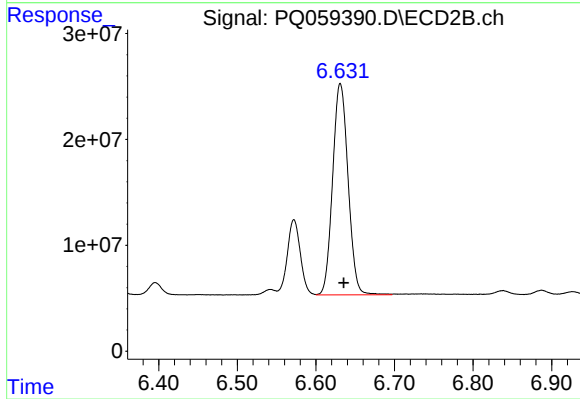
#41 AR-1268-1

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 81943223
Conc: 58.25 ng/ml



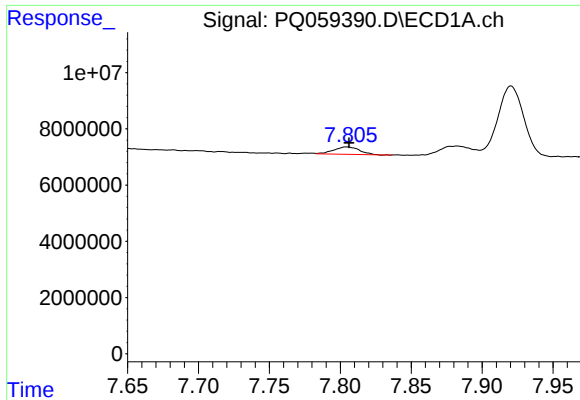
#42 AR-1268-2

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 118572610
Conc: 113.31 ng/ml



#42 AR-1268-2

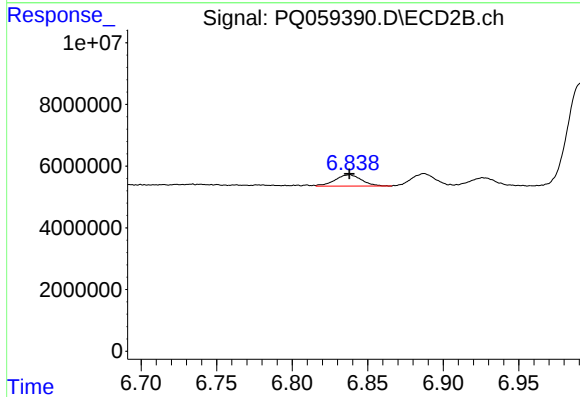
R.T.: 6.631 min
Delta R.T.: -0.004 min
Response: 272251356
Conc: 210.41 ng/ml



#43 AR-1268-3

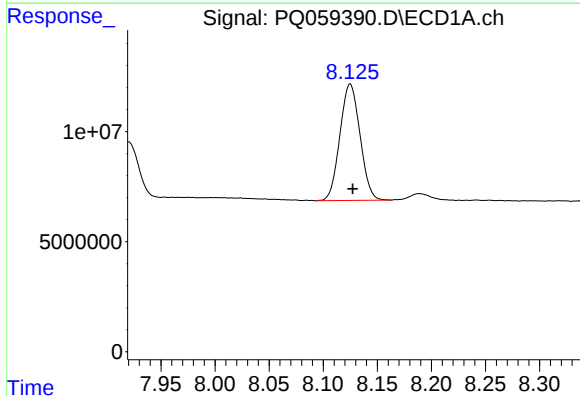
R.T.: 7.805 min
Delta R.T.: -0.002 min
Response: 3360802
Conc: 4.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



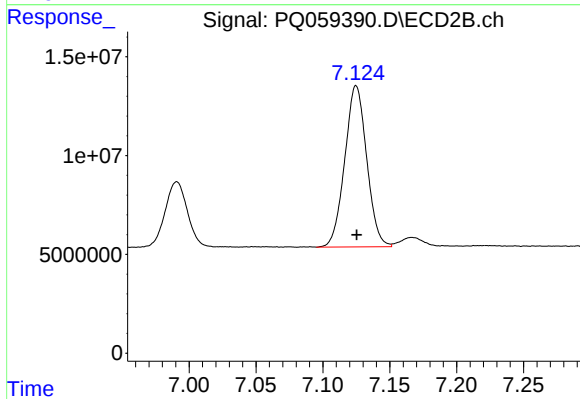
#43 AR-1268-3

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 4532075
Conc: 4.11 ng/ml



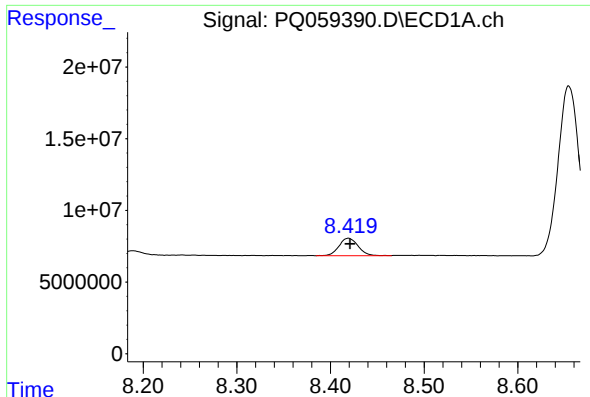
#44 AR-1268-4

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 68476317
Conc: 212.05 ng/ml



#44 AR-1268-4

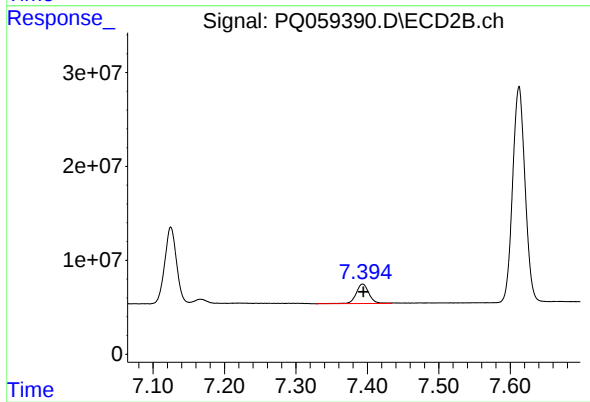
R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 93278815
Conc: 205.95 ng/ml



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 17456738
Conc: 7.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.394 min
Delta R.T.: -0.001 min
Response: 25946648
Conc: 7.26 ng/ml