

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
 Data File : PQ059499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 10:44
 Operator : YP\AJ
 Sample : N5016-19
 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: Oct 07 23:47:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 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...	3.483	2.830	264.0E6	168.3E6	19.174	18.578
2)	SA Decachlor...	8.653	7.608	206.9E6	310.1E6	41.659	40.611
Target Compounds							
3)	L1 AR-1016-1	4.582	3.837	379.0E6	254.7E6	903.681	903.354
4)	L1 AR-1016-2	4.602	3.853	563.9E6	389.2E6	909.585	916.299
5)	L1 AR-1016-3	4.660	4.015	350.5E6	201.3E6	888.074	904.853
6)	L1 AR-1016-4	4.752	4.062	295.1E6	146.3E6	896.175	855.956
7)	L1 AR-1016-5	5.038	4.259	274.4E6	198.5E6	874.875	881.070
8)	L2 AR-1221-1	3.678	3.031	37335347	23577039	252.401	237.358
9)	L2 AR-1221-2	3.761	3.109	43217904	28087057	417.581	410.329
10)	L2 AR-1221-3	3.831	3.178	190.7E6	132.6E6	572.717	578.299
11)	L3 AR-1232-1	3.831	3.178	190.7E6	132.6E6	677.531	688.771
12)	L3 AR-1232-2	4.325	3.853	283.0E6	389.2E6	1926.196	2066.403
13)	L3 AR-1232-3	4.602	4.015	563.9E6	201.3E6	1975.934	2063.765
14)	L3 AR-1232-4	4.752	4.099	295.1E6	182.9E6	1972.363	2240.542
15)	L3 AR-1232-5	4.847	4.259	209.9E6	198.5E6	1999.740	2078.876
16)	L4 AR-1242-1	4.582	3.837	379.0E6	254.7E6	1087.969	1097.790
17)	L4 AR-1242-2	4.602	3.853	563.9E6	389.2E6	1102.442	1116.477
18)	L4 AR-1242-3	4.660	4.015	350.5E6	201.3E6	1083.882	1101.373
19)	L4 AR-1242-4	4.752	4.099	295.1E6	182.9E6	1095.124	1084.341
20)	L4 AR-1242-5	5.465	4.595	36174030	44119828	134.599	199.451 #
21)	L5 AR-1248-1	4.582	3.837	379.0E6	254.7E6	1428.930	1432.849
22)	L5 AR-1248-2	4.847	4.062	209.9E6	146.3E6	588.739	579.651
23)	L5 AR-1248-3	5.038	4.099	274.4E6	182.9E6	639.007	724.416
24)	L5 AR-1248-4	5.429	4.259	43268882	198.5E6	93.088	635.531 #
25)	L5 AR-1248-5	5.465	4.633	36174030	21637984	78.581	68.867
26)	L6 AR-1254-1	5.402	4.595	49544362	44119828	103.306	90.245
27)	L6 AR-1254-2	5.616	4.740	13612861	3469523	18.303	8.011 #
28)	L6 AR-1254-3	5.970	5.124	2384862	2328171	3.048	3.360
29)	L6 AR-1254-4	6.252	5.349	983444	784622	1.799	1.823
30)	L6 AR-1254-5	0.000	5.754	0	1130564	N.D.	1.826 #
31)	L7 AR-1260-1	6.137	5.259	260778	1022152	0.469	2.269 #
32)	L7 AR-1260-2	6.382	5.435	1577454	160777	2.471	0.292 #
33)	L7 AR-1260-3	6.772	5.599	724969	1218594	1.621	2.349 #
34)	L7 AR-1260-4	0.000	6.045	0	24703052	N.D.	55.886 #
35)	L7 AR-1260-5	7.321f	6.287	598984	490036	0.679	0.480 #
36)	L8 AR-1262-1	6.772	5.807	724969	1270810	1.043	1.994 #
37)	L8 AR-1262-2	7.321f	6.287	598984	490036	0.551	0.419
38)	L8 AR-1262-3	0.000	6.581	0	2196412	N.D.	4.770 #
39)	L8 AR-1262-4	0.000	6.625	0	3717085	N.D.	4.241 #
41)	L9 AR-1268-1	0.000	6.581	0	2196412	N.D.	1.561 #
42)	L9 AR-1268-2	0.000	6.625	0	3717085	N.D.	2.873 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
Data File : PQ059499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2022 10:44
Operator : YP\AJ
Sample : N5016-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

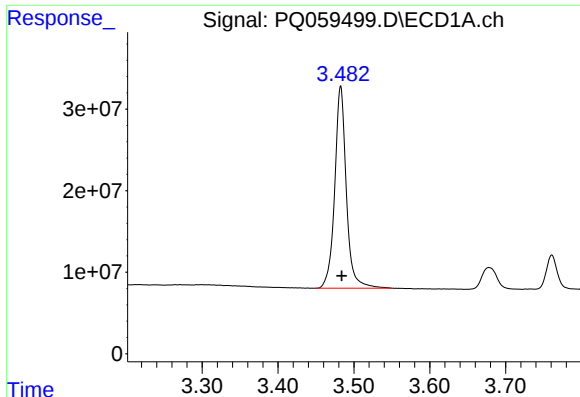
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 23:47:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 06 10:42:33 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
43)	L9 AR-1268-3	7.802	6.830	565366	931364	0.673	0.844 #
45)	L9 AR-1268-5	8.418	7.390	1848955	3508440	0.821	0.981

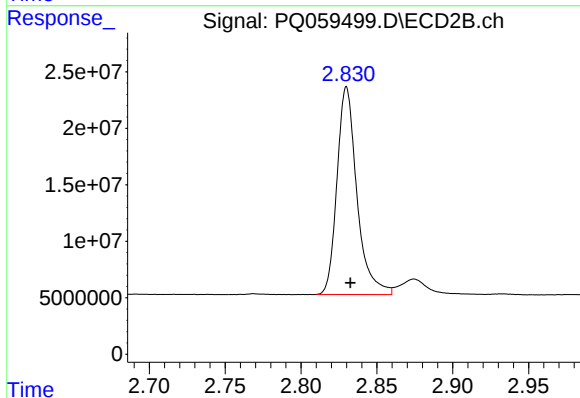
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

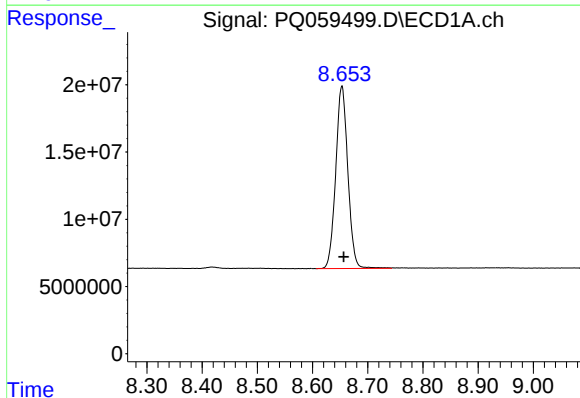
R.T.: 3.483 min
Delta R.T.: -0.001 min
Response: 264002037
Conc: 19.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



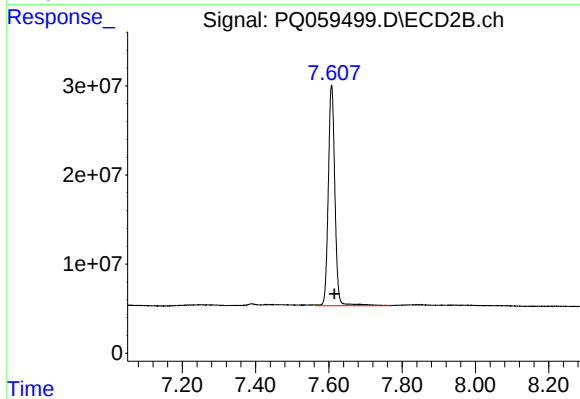
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: -0.002 min
Response: 168288375
Conc: 18.58 ng/ml



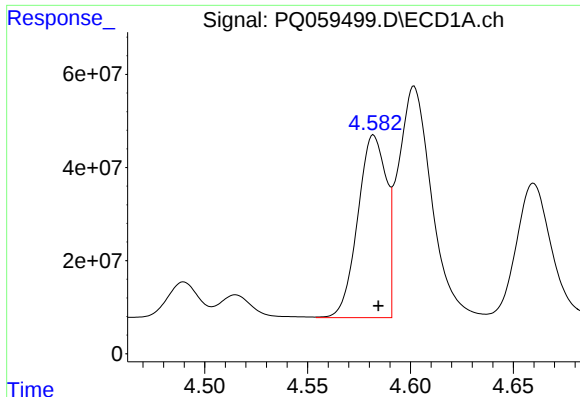
#2 Decachlorobiphenyl

R.T.: 8.653 min
Delta R.T.: -0.003 min
Response: 206881635
Conc: 41.66 ng/ml



#2 Decachlorobiphenyl

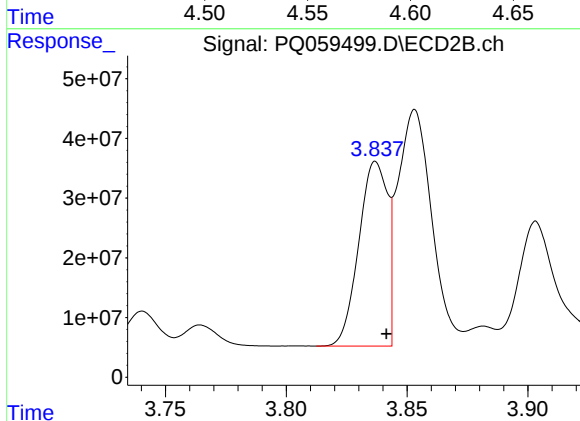
R.T.: 7.608 min
Delta R.T.: -0.008 min
Response: 310114932
Conc: 40.61 ng/ml



#3 AR-1016-1

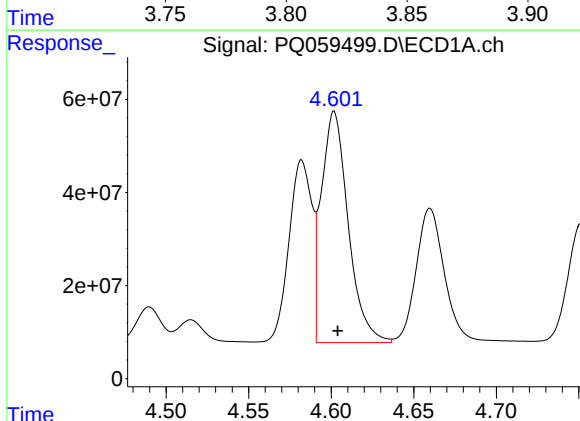
R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 378992622
Conc: 903.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



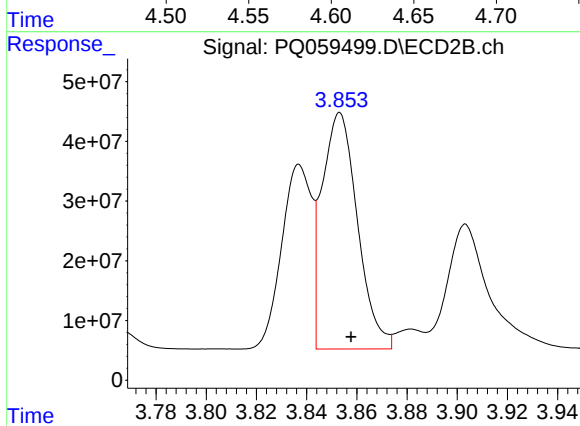
#3 AR-1016-1

R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 254737812
Conc: 903.35 ng/ml



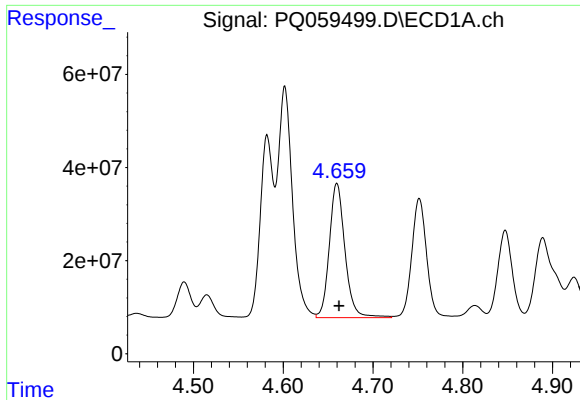
#4 AR-1016-2

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 563893193
Conc: 909.58 ng/ml



#4 AR-1016-2

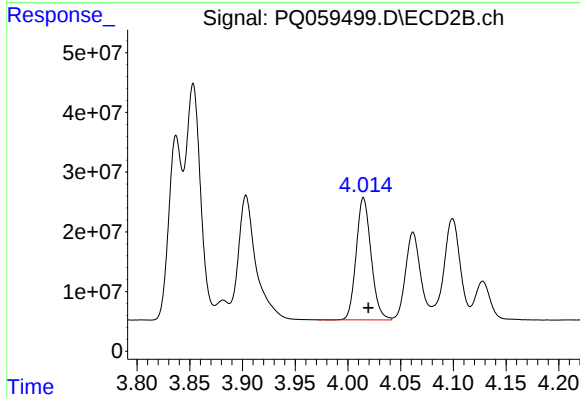
R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 389194690
Conc: 916.30 ng/ml



#5 AR-1016-3

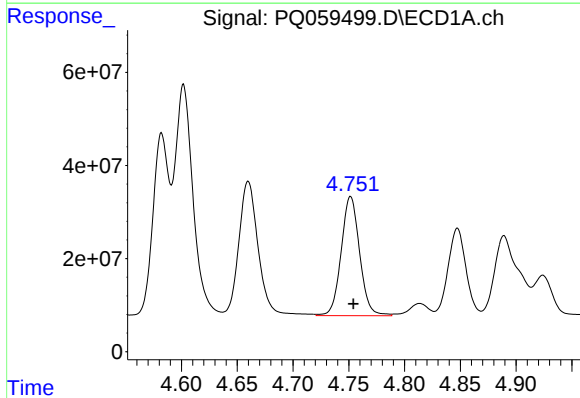
R.T.: 4.660 min
Delta R.T.: -0.002 min
Response: 350509945
Conc: 888.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



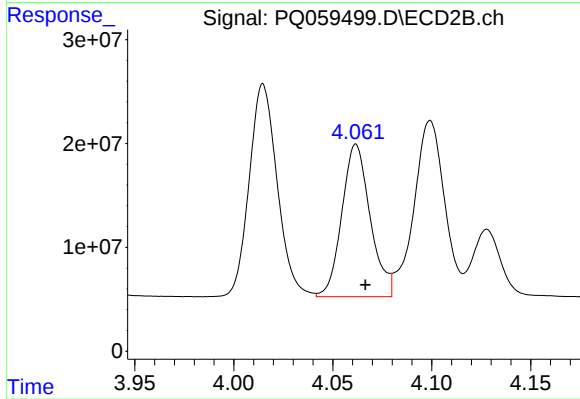
#5 AR-1016-3

R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 201252967
Conc: 904.85 ng/ml



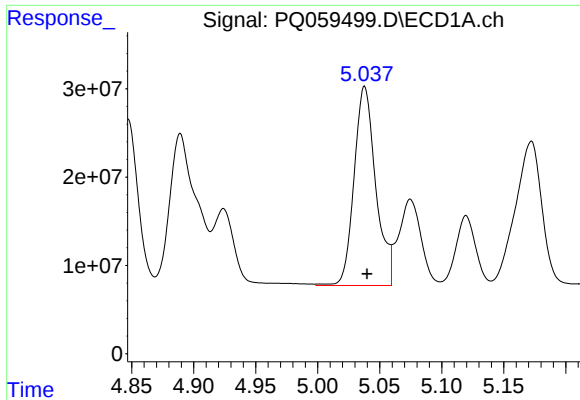
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 295098740
Conc: 896.18 ng/ml



#6 AR-1016-4

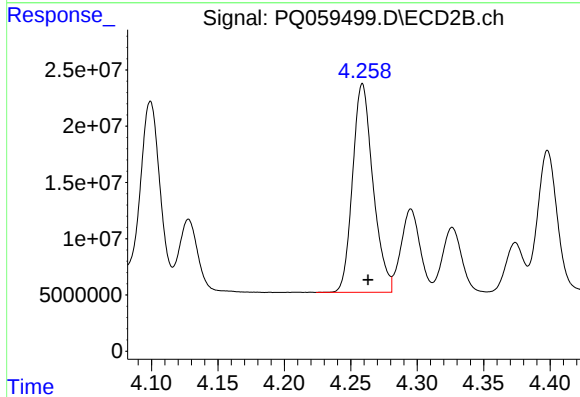
R.T.: 4.062 min
Delta R.T.: -0.005 min
Response: 146337131
Conc: 855.96 ng/ml



#7 AR-1016-5

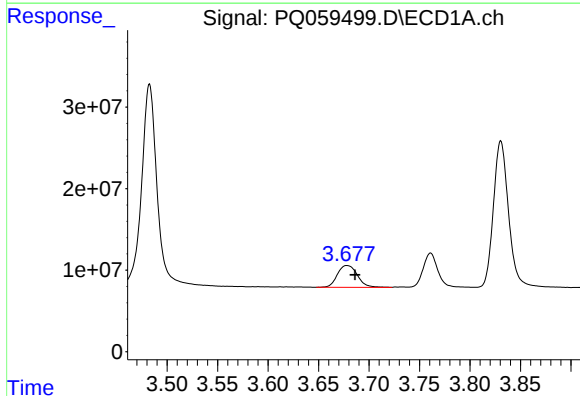
R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 274439714
Conc: 874.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



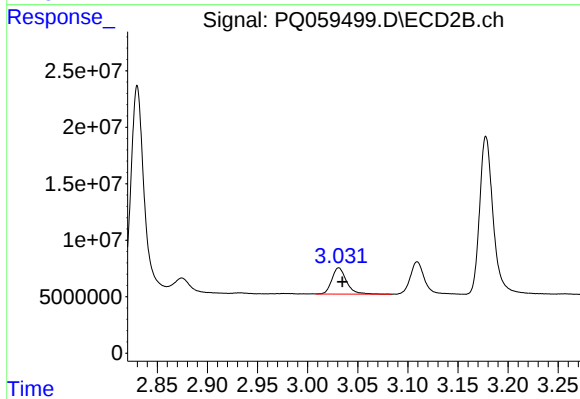
#7 AR-1016-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 198502312
Conc: 881.07 ng/ml



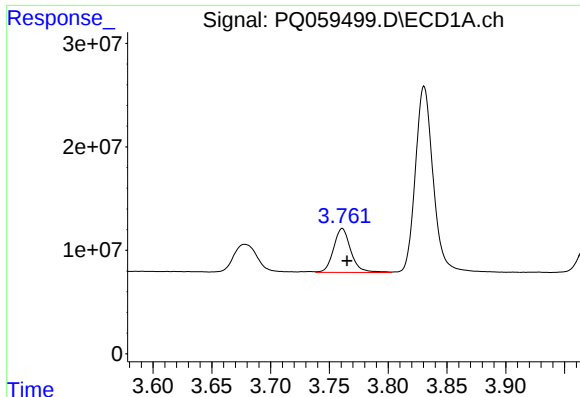
#8 AR-1221-1

R.T.: 3.678 min
Delta R.T.: -0.008 min
Response: 37335347
Conc: 252.40 ng/ml



#8 AR-1221-1

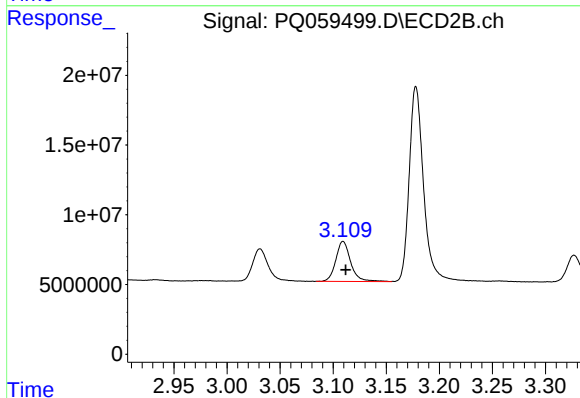
R.T.: 3.031 min
Delta R.T.: -0.003 min
Response: 23577039
Conc: 237.36 ng/ml



#9 AR-1221-2

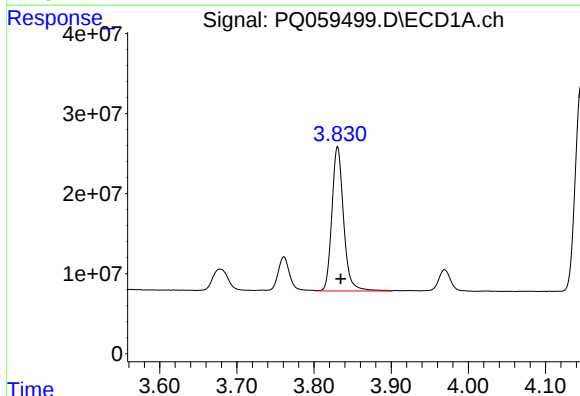
R.T.: 3.761 min
Delta R.T.: -0.004 min
Response: 43217904
Conc: 417.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



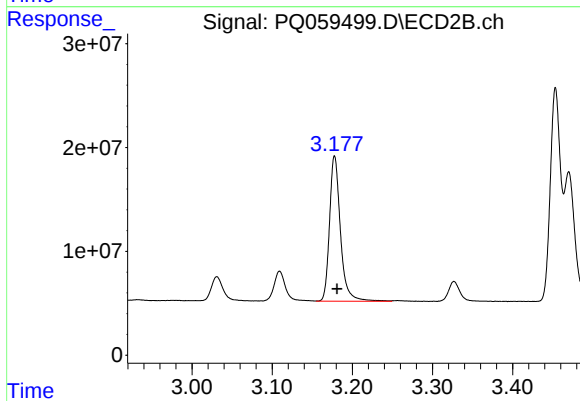
#9 AR-1221-2

R.T.: 3.109 min
Delta R.T.: -0.003 min
Response: 28087057
Conc: 410.33 ng/ml



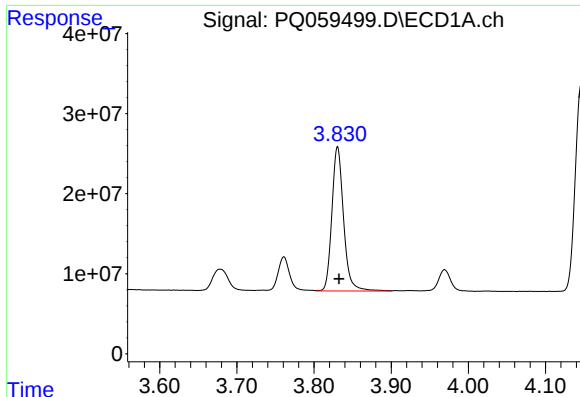
#10 AR-1221-3

R.T.: 3.831 min
Delta R.T.: -0.004 min
Response: 190676667
Conc: 572.72 ng/ml



#10 AR-1221-3

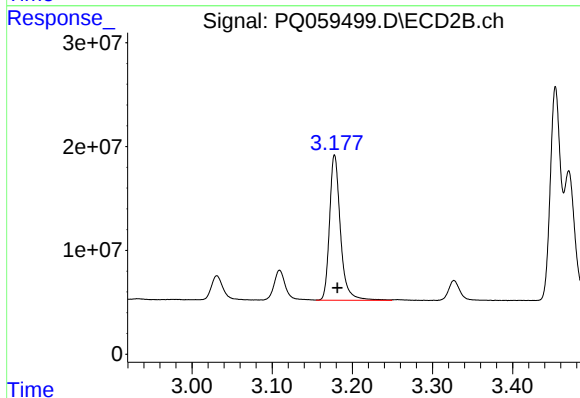
R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 132626024
Conc: 578.30 ng/ml



#11 AR-1232-1

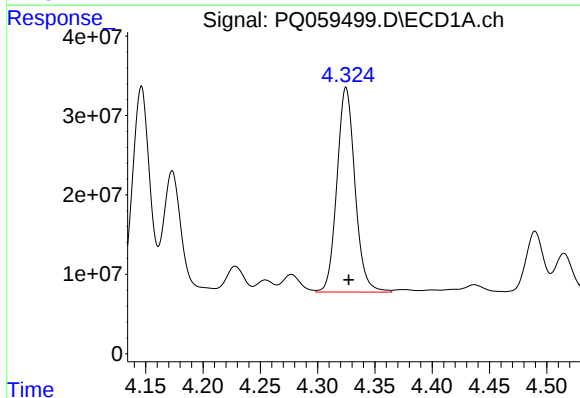
R.T.: 3.831 min
Delta R.T.: -0.002 min
Response: 190676667
Conc: 677.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



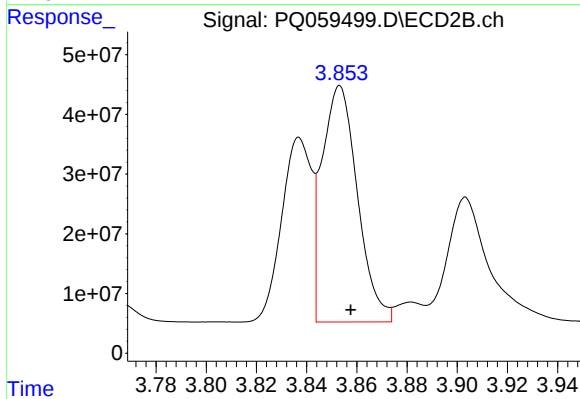
#11 AR-1232-1

R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 132626024
Conc: 688.77 ng/ml



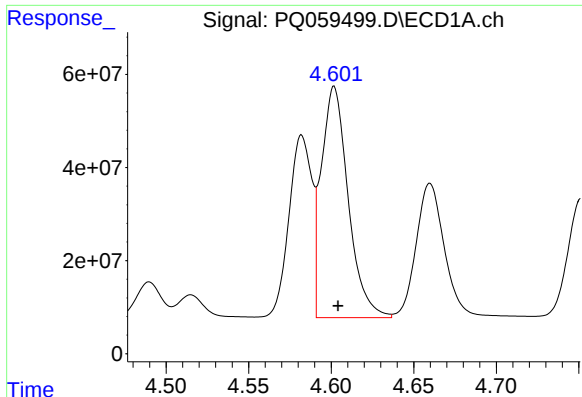
#12 AR-1232-2

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 282985096
Conc: 1926.20 ng/ml



#12 AR-1232-2

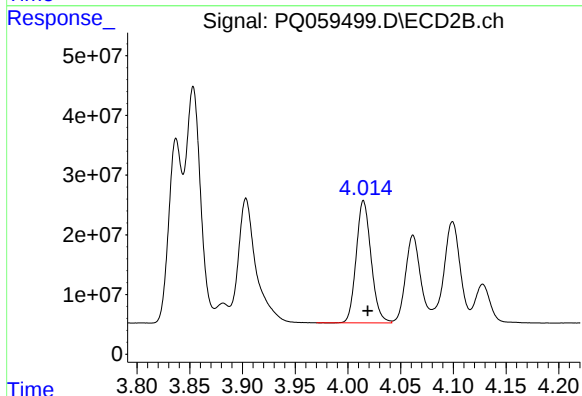
R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 389194690
Conc: 2066.40 ng/ml



#13 AR-1232-3

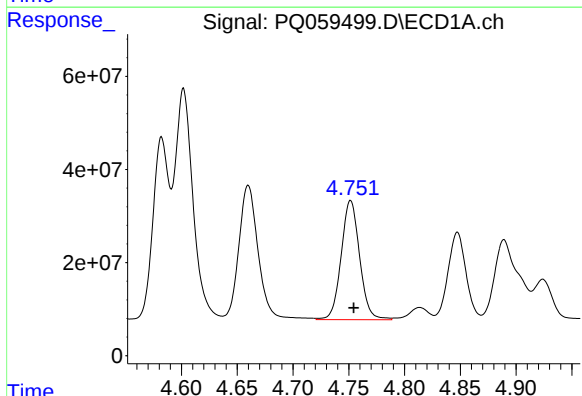
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 563893193
Conc: 1975.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



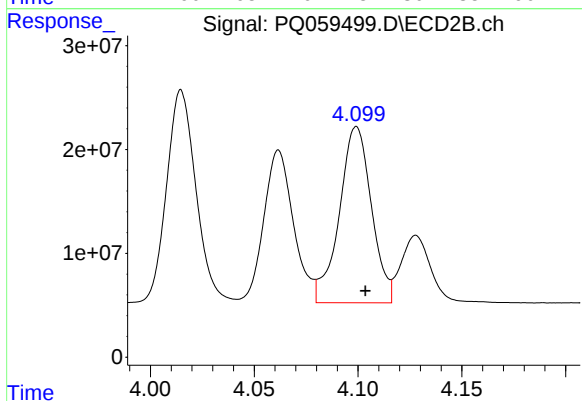
#13 AR-1232-3

R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 201252967
Conc: 2063.77 ng/ml



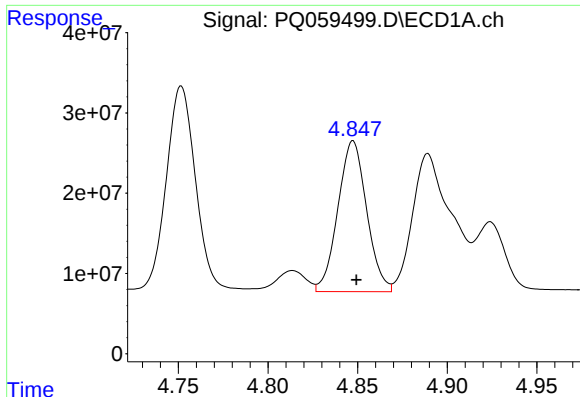
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 295098740
Conc: 1972.36 ng/ml



#14 AR-1232-4

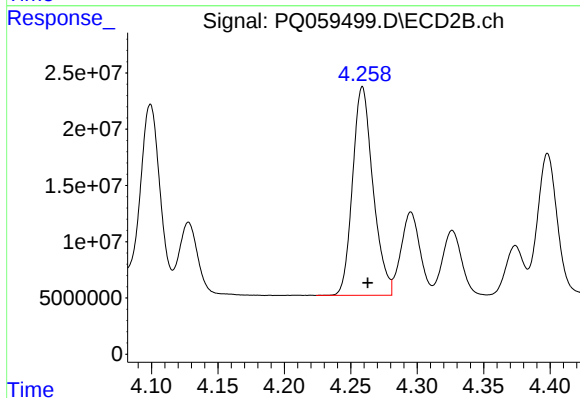
R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 182899253
Conc: 2240.54 ng/ml



#15 AR-1232-5

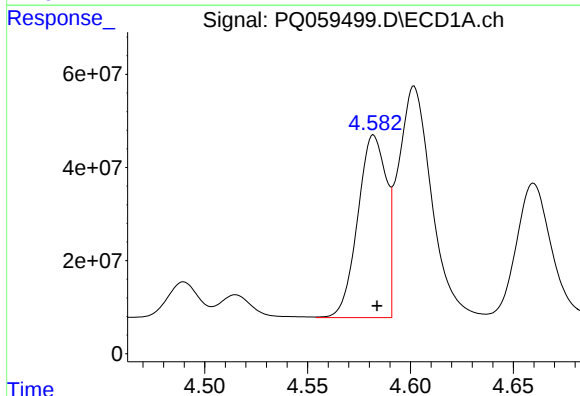
R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 209894266
Conc: 1999.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



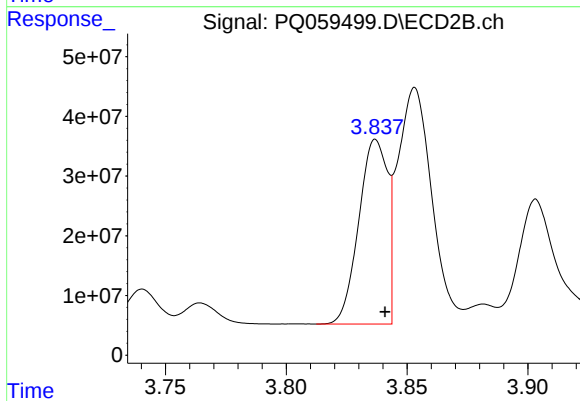
#15 AR-1232-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 198502312
Conc: 2078.88 ng/ml



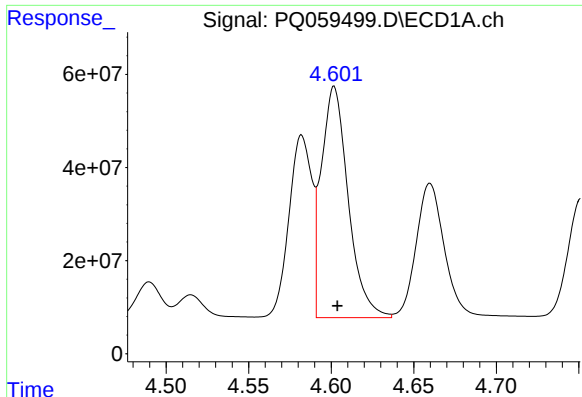
#16 AR-1242-1

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 378992622
Conc: 1087.97 ng/ml



#16 AR-1242-1

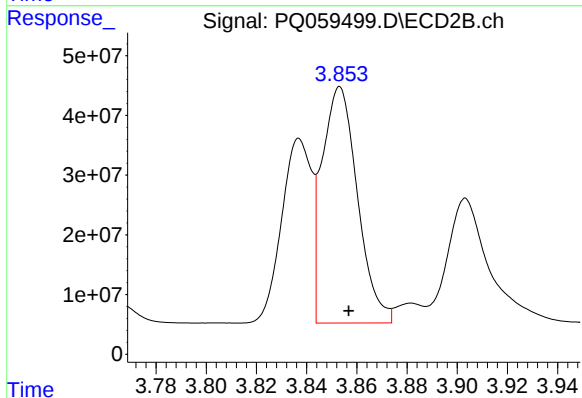
R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 254737812
Conc: 1097.79 ng/ml



#17 AR-1242-2

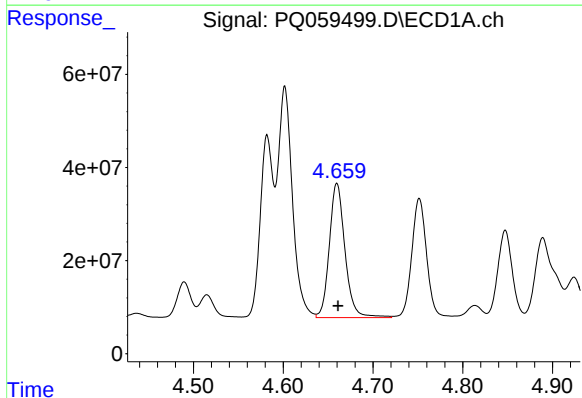
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 563893193
Conc: 1102.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



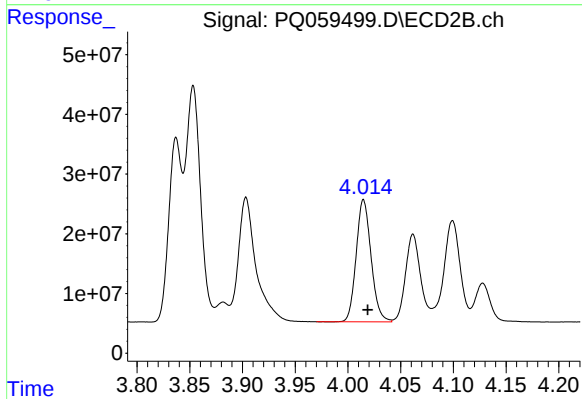
#17 AR-1242-2

R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 389194690
Conc: 1116.48 ng/ml



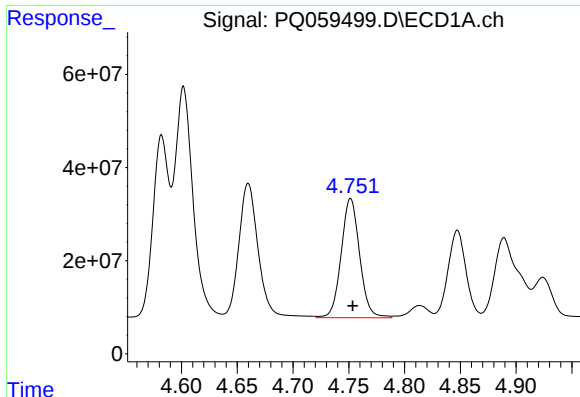
#18 AR-1242-3

R.T.: 4.660 min
Delta R.T.: -0.001 min
Response: 350509945
Conc: 1083.88 ng/ml



#18 AR-1242-3

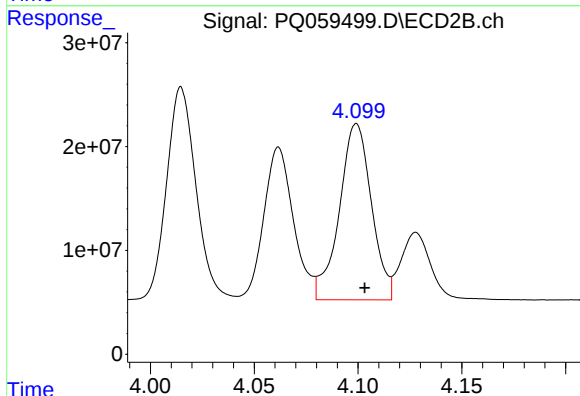
R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 201252967
Conc: 1101.37 ng/ml



#19 AR-1242-4

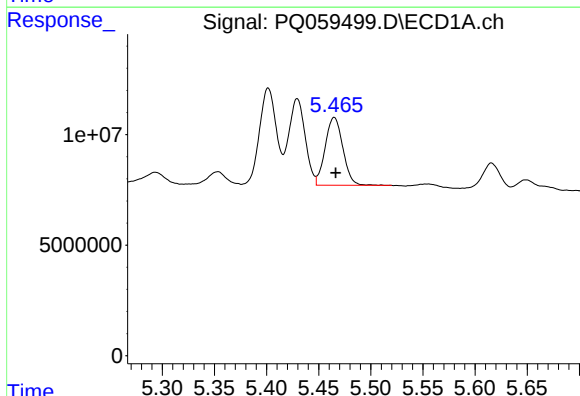
R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 295098740
Conc: 1095.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



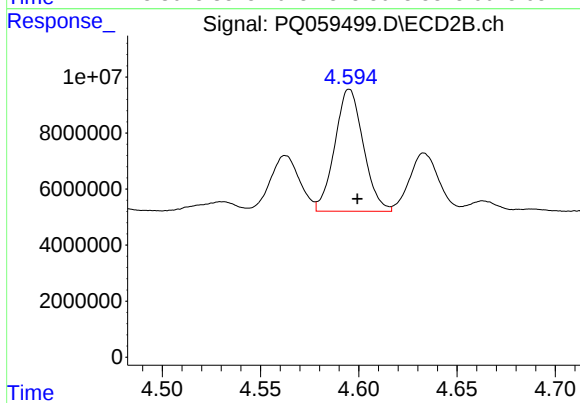
#19 AR-1242-4

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 182899253
Conc: 1084.34 ng/ml



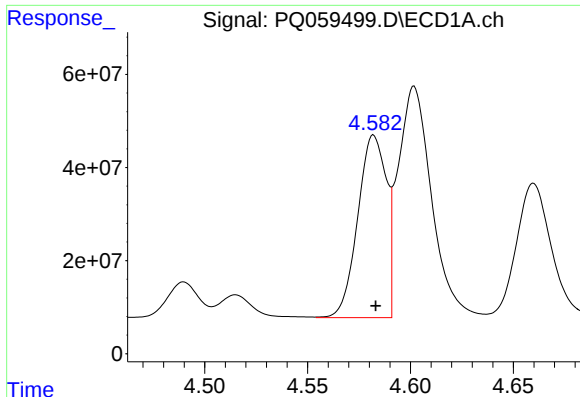
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: -0.001 min
Response: 36174030
Conc: 134.60 ng/ml



#20 AR-1242-5

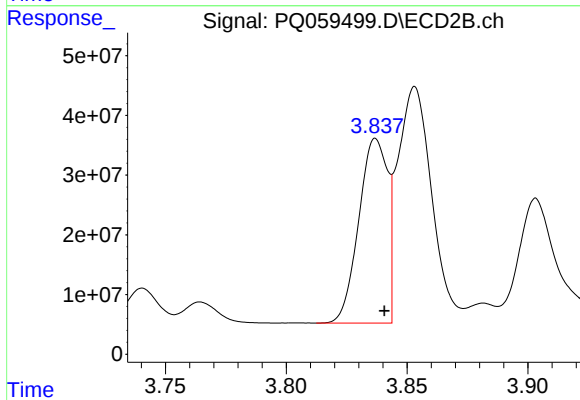
R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 44119828
Conc: 199.45 ng/ml



#21 AR-1248-1

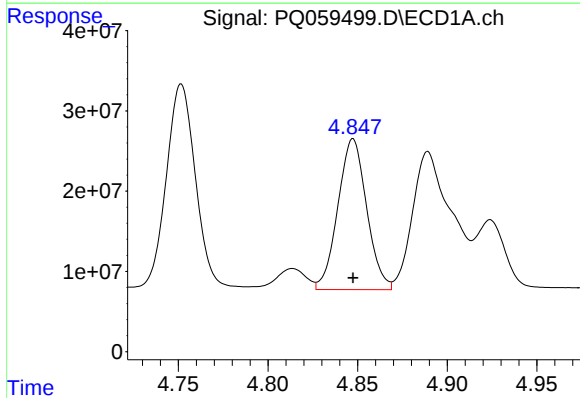
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 378992622
Conc: 1428.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



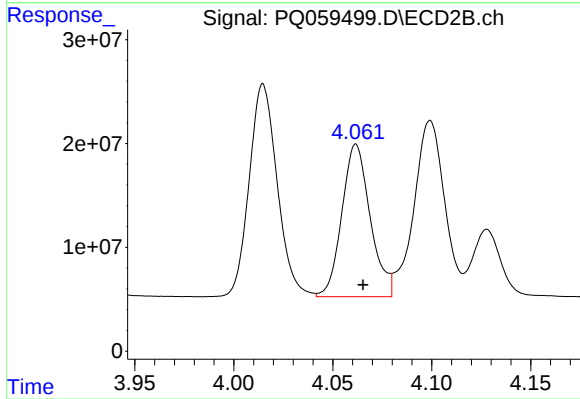
#21 AR-1248-1

R.T.: 3.837 min
Delta R.T.: -0.003 min
Response: 254737812
Conc: 1432.85 ng/ml



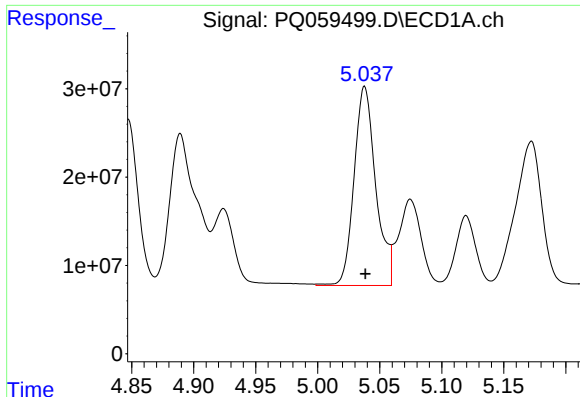
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 209894266
Conc: 588.74 ng/ml



#22 AR-1248-2

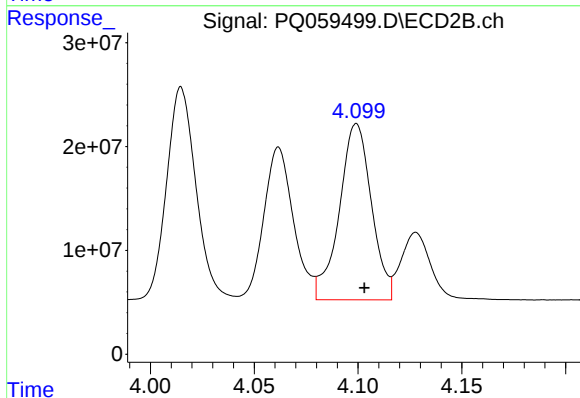
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 146337131
Conc: 579.65 ng/ml



#23 AR-1248-3

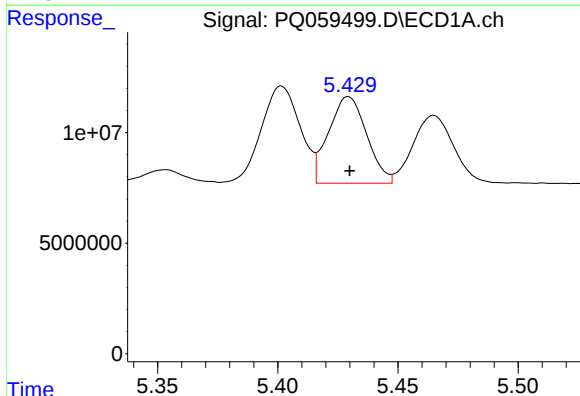
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 274439714
Conc: 639.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



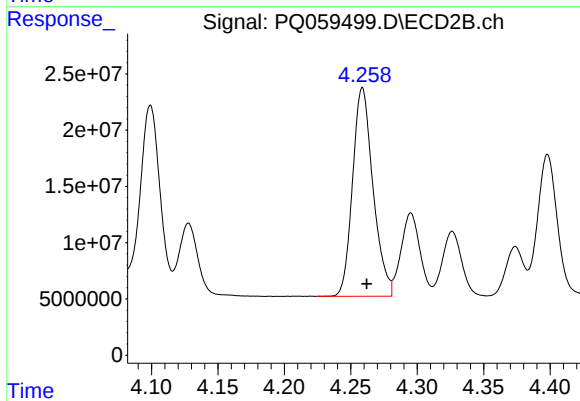
#23 AR-1248-3

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 182899253
Conc: 724.42 ng/ml



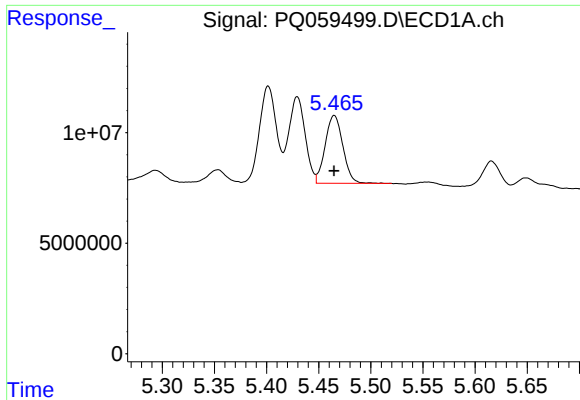
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 43268882
Conc: 93.09 ng/ml



#24 AR-1248-4

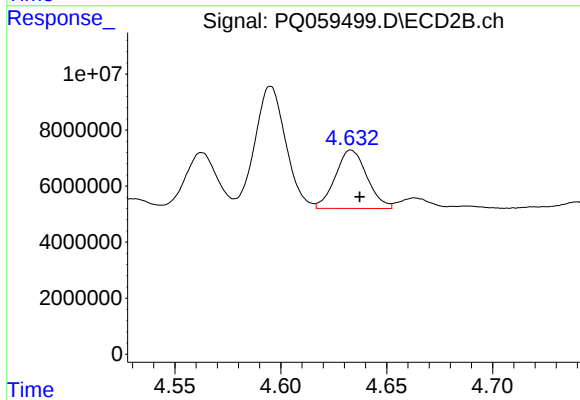
R.T.: 4.259 min
Delta R.T.: -0.003 min
Response: 198502312
Conc: 635.53 ng/ml



#25 AR-1248-5

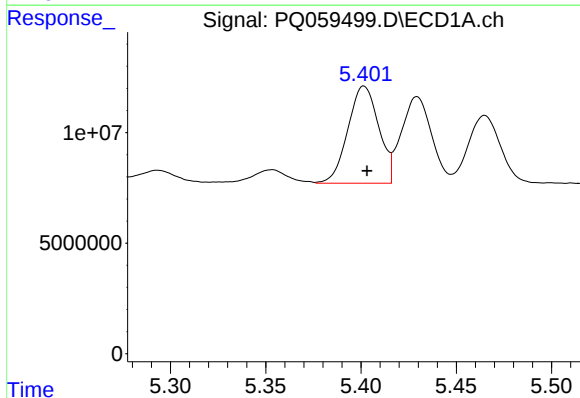
R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 36174030
Conc: 78.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



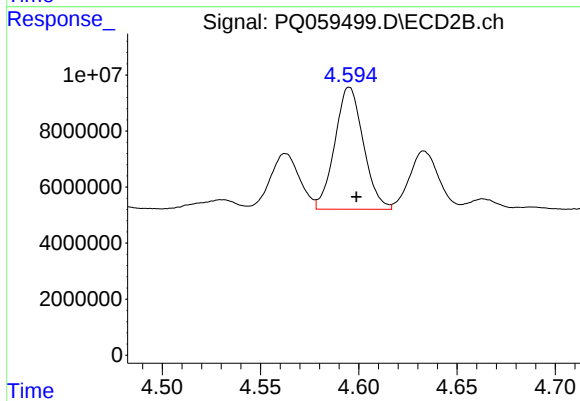
#25 AR-1248-5

R.T.: 4.633 min
Delta R.T.: -0.004 min
Response: 21637984
Conc: 68.87 ng/ml



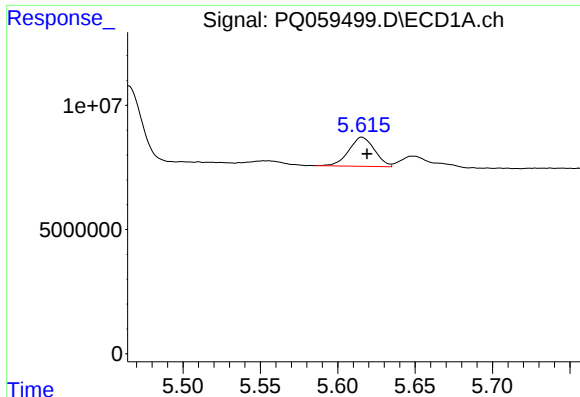
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: -0.002 min
Response: 49544362
Conc: 103.31 ng/ml



#26 AR-1254-1

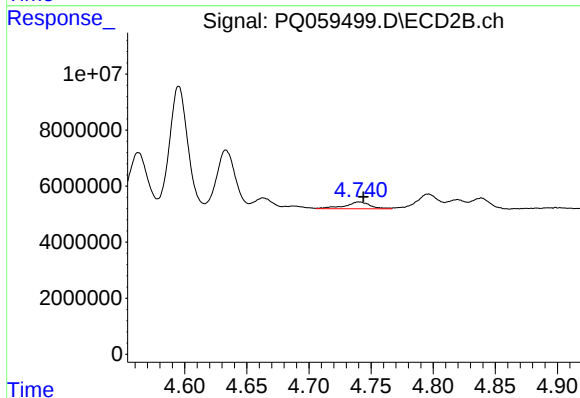
R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 44119828
Conc: 90.24 ng/ml



#27 AR-1254-2

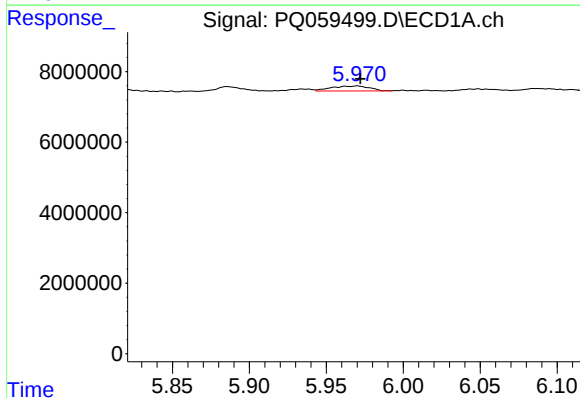
R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 13612861
Conc: 18.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



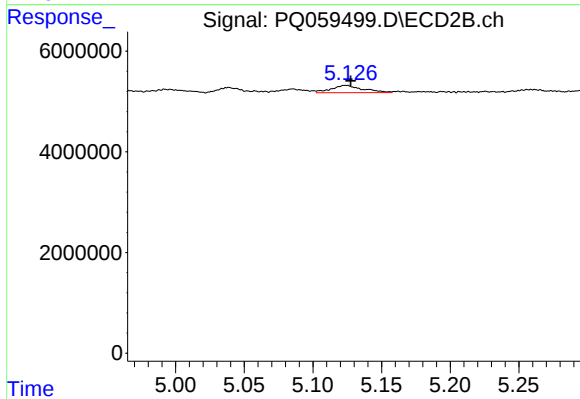
#27 AR-1254-2

R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 3469523
Conc: 8.01 ng/ml



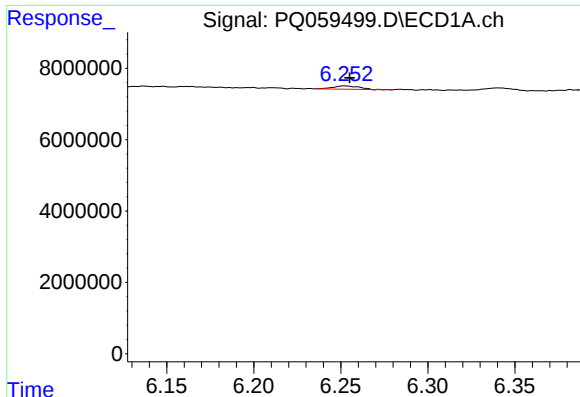
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: -0.002 min
Response: 2384862
Conc: 3.05 ng/ml



#28 AR-1254-3

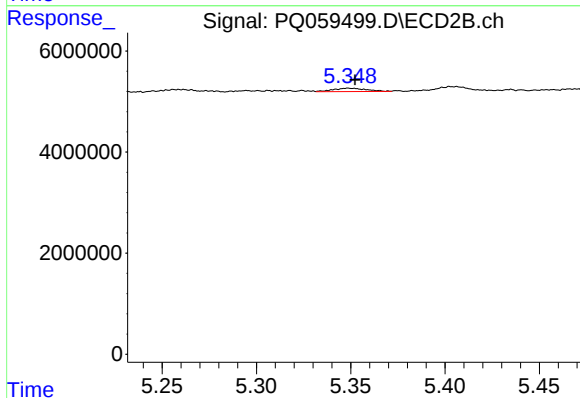
R.T.: 5.124 min
Delta R.T.: -0.003 min
Response: 2328171
Conc: 3.36 ng/ml



#29 AR-1254-4

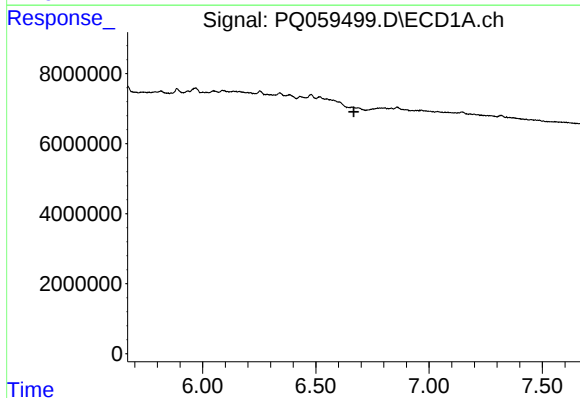
R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 983444
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



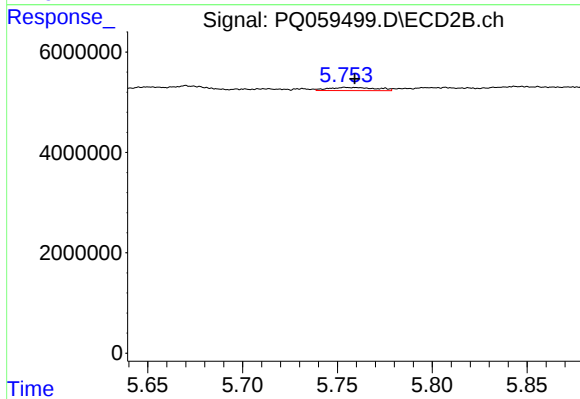
#29 AR-1254-4

R.T.: 5.349 min
Delta R.T.: -0.004 min
Response: 784622
Conc: 1.82 ng/ml



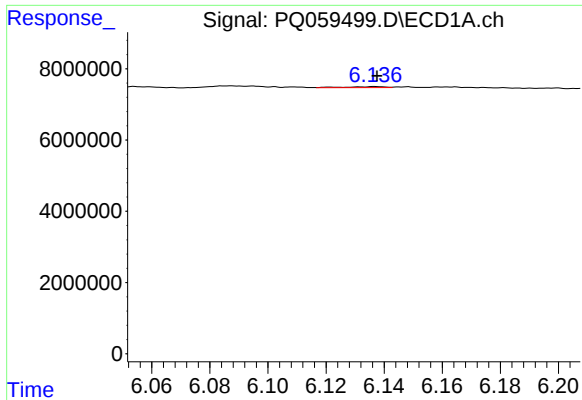
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.668 min
Response: 0
Conc: N.D.



#30 AR-1254-5

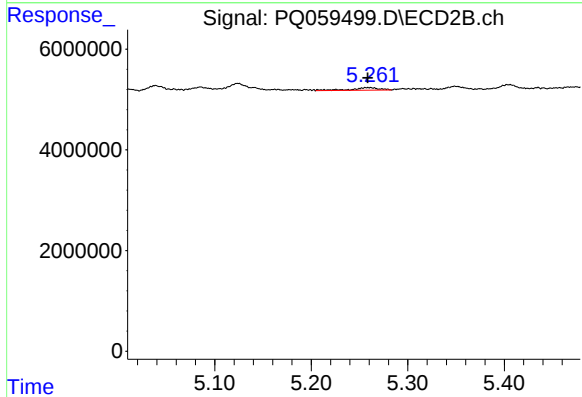
R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 1130564
Conc: 1.83 ng/ml



#31 AR-1260-1

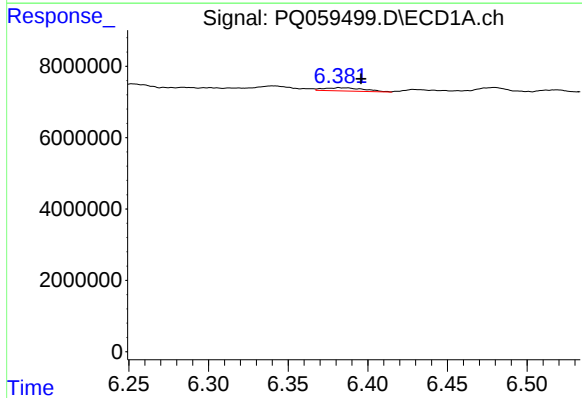
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 260778
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



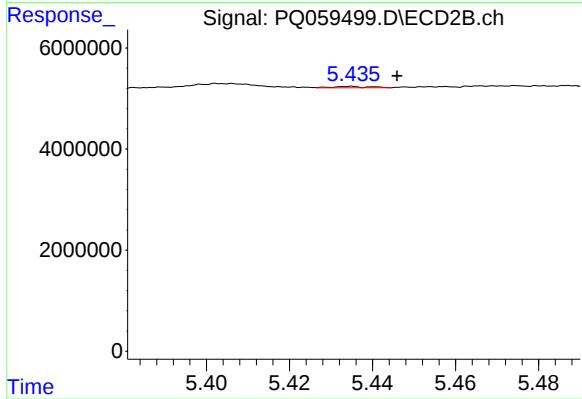
#31 AR-1260-1

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 1022152
Conc: 2.27 ng/ml



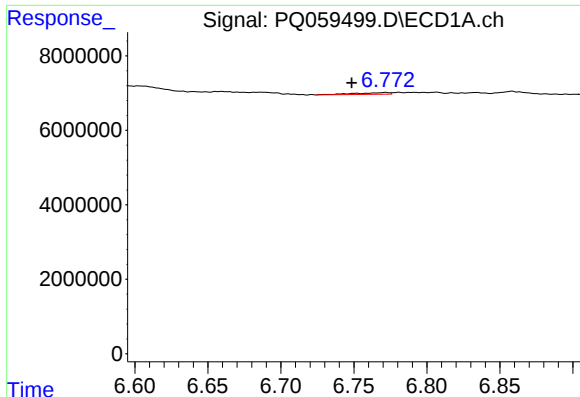
#32 AR-1260-2

R.T.: 6.382 min
Delta R.T.: -0.014 min
Response: 1577454
Conc: 2.47 ng/ml



#32 AR-1260-2

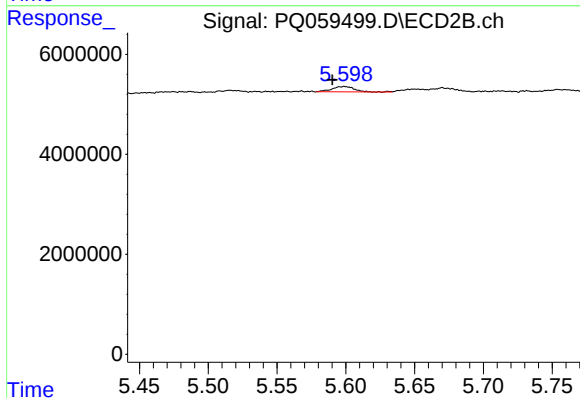
R.T.: 5.435 min
Delta R.T.: -0.011 min
Response: 160777
Conc: 0.29 ng/ml



#33 AR-1260-3

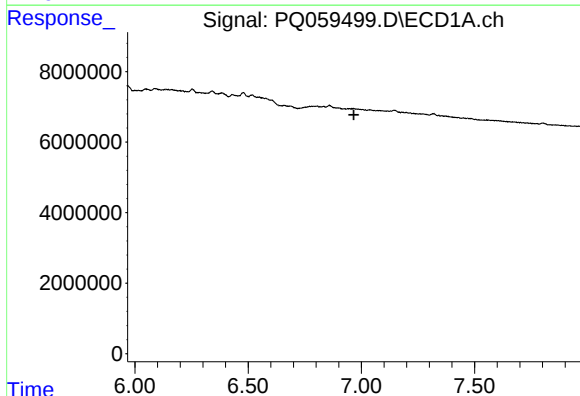
R.T.: 6.772 min
Delta R.T.: 0.023 min
Response: 724969
Conc: 1.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



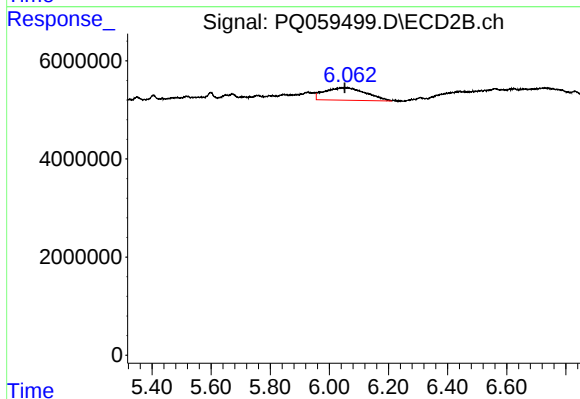
#33 AR-1260-3

R.T.: 5.599 min
Delta R.T.: 0.009 min
Response: 1218594
Conc: 2.35 ng/ml



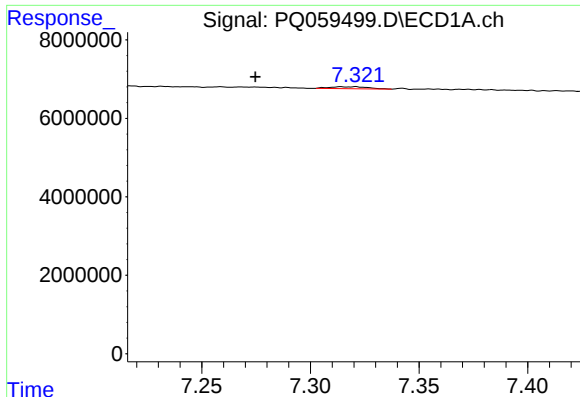
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#34 AR-1260-4

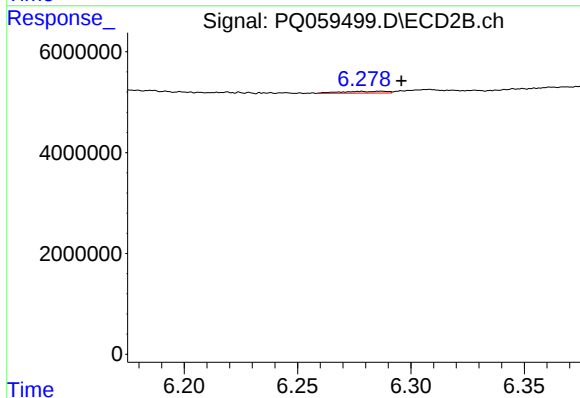
R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 24703052
Conc: 55.89 ng/ml



#35 AR-1260-5

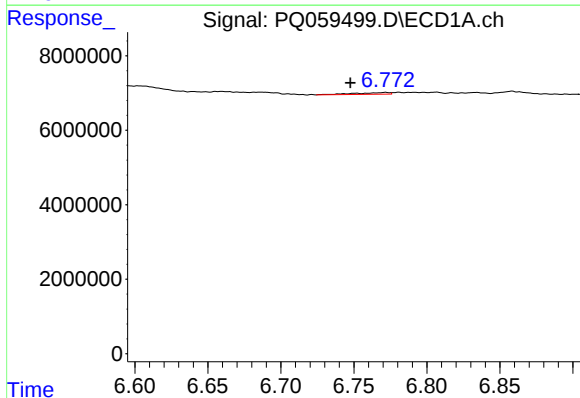
R.T.: 7.321 min
Delta R.T.: 0.046 min
Response: 598984
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



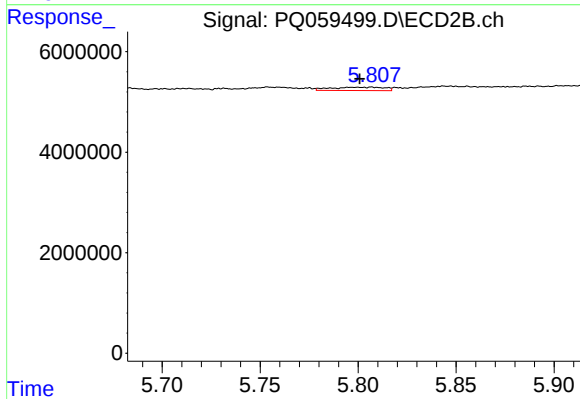
#35 AR-1260-5

R.T.: 6.287 min
Delta R.T.: -0.009 min
Response: 490036
Conc: 0.48 ng/ml



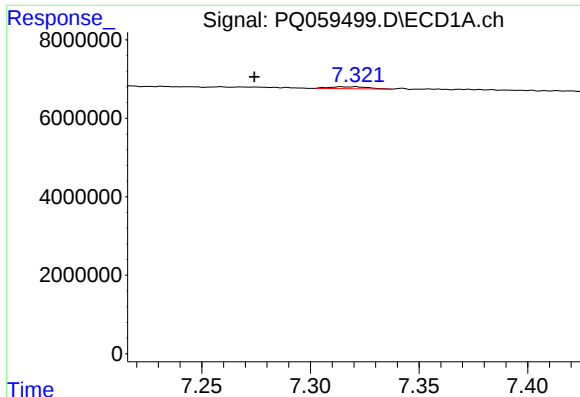
#36 AR-1262-1

R.T.: 6.772 min
Delta R.T.: 0.024 min
Response: 724969
Conc: 1.04 ng/ml



#36 AR-1262-1

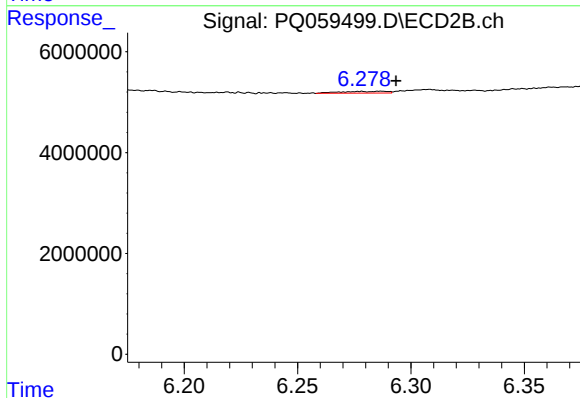
R.T.: 5.807 min
Delta R.T.: 0.006 min
Response: 1270810
Conc: 1.99 ng/ml



#37 AR-1262-2

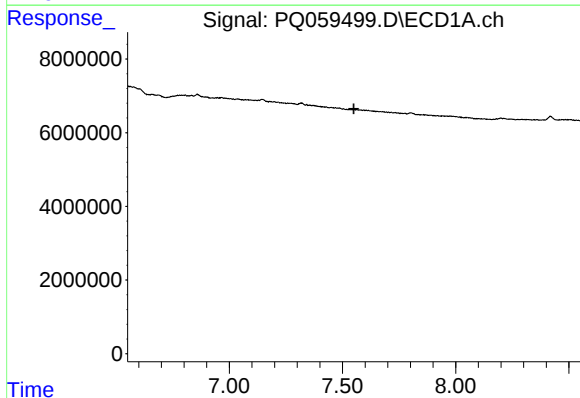
R.T.: 7.321 min
Delta R.T.: 0.046 min
Response: 598984
Conc: 0.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



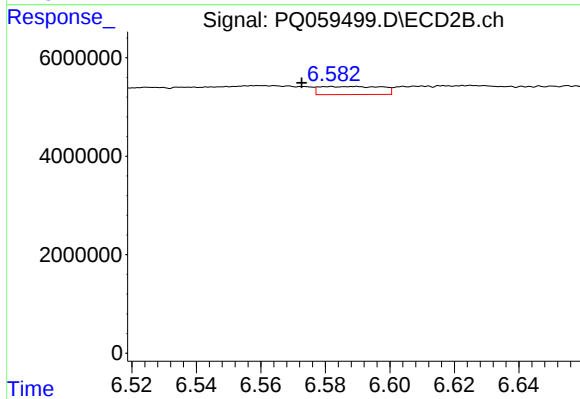
#37 AR-1262-2

R.T.: 6.287 min
Delta R.T.: -0.006 min
Response: 490036
Conc: 0.42 ng/ml



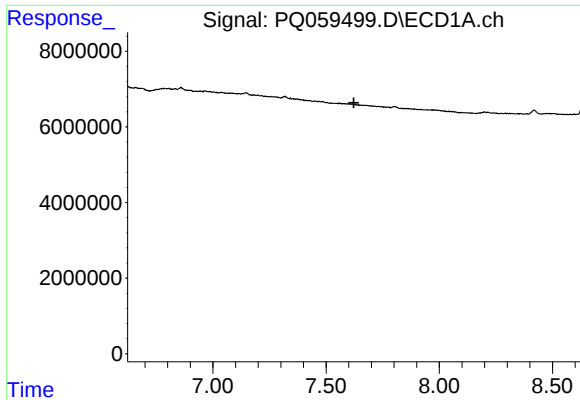
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.550 min
Response: 0
Conc: N.D.



#38 AR-1262-3

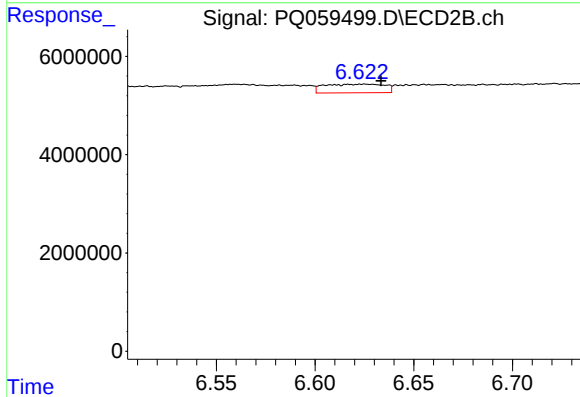
R.T.: 6.581 min
Delta R.T.: 0.009 min
Response: 2196412
Conc: 4.77 ng/ml



#39 AR-1262-4

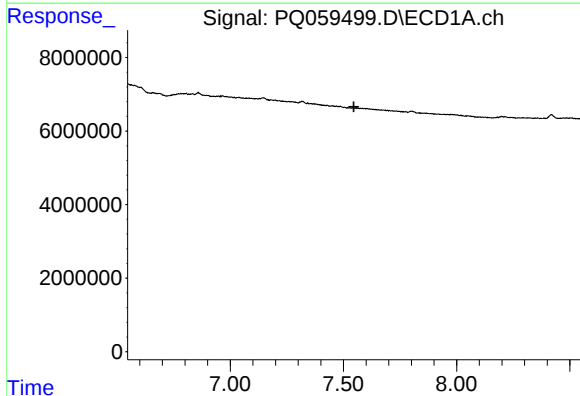
R.T.: 0.000 min
Exp R.T.: 7.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



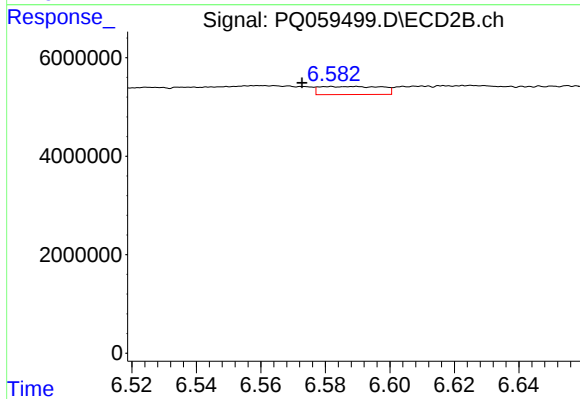
#39 AR-1262-4

R.T.: 6.625 min
Delta R.T.: -0.008 min
Response: 3717085
Conc: 4.24 ng/ml



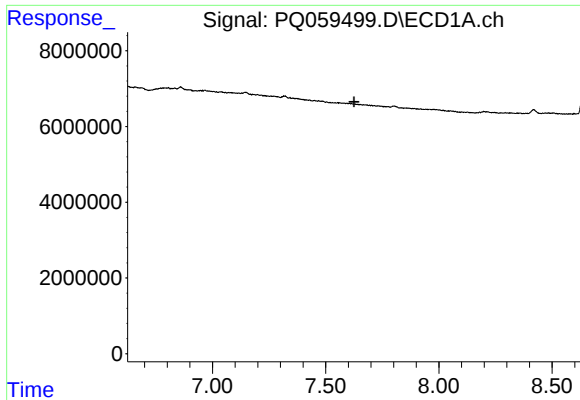
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.546 min
Response: 0
Conc: N.D.



#41 AR-1268-1

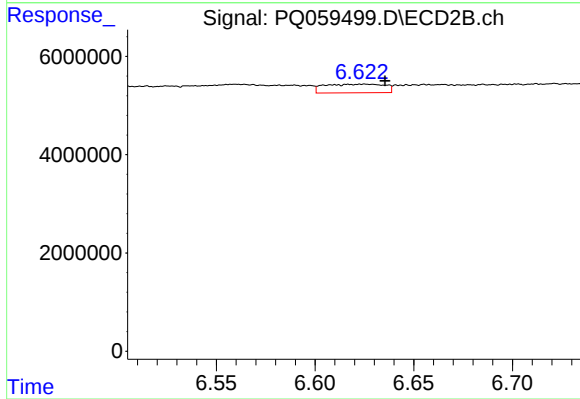
R.T.: 6.581 min
Delta R.T.: 0.009 min
Response: 2196412
Conc: 1.56 ng/ml



#42 AR-1268-2

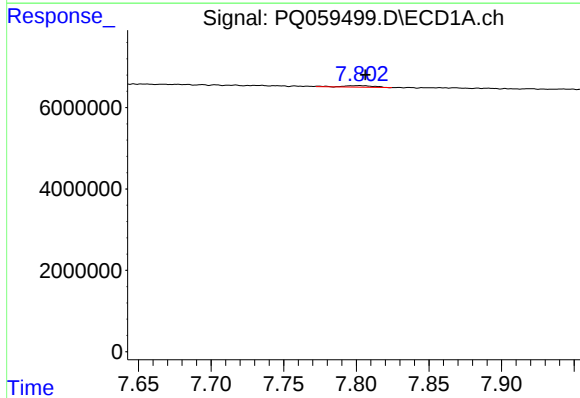
R.T.: 0.000 min
Exp R.T.: 7.625 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



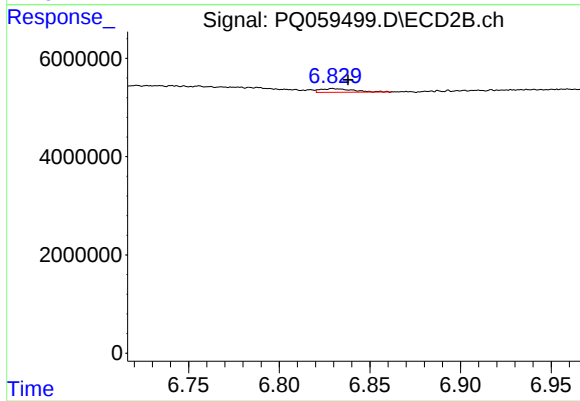
#42 AR-1268-2

R.T.: 6.625 min
Delta R.T.: -0.010 min
Response: 3717085
Conc: 2.87 ng/ml



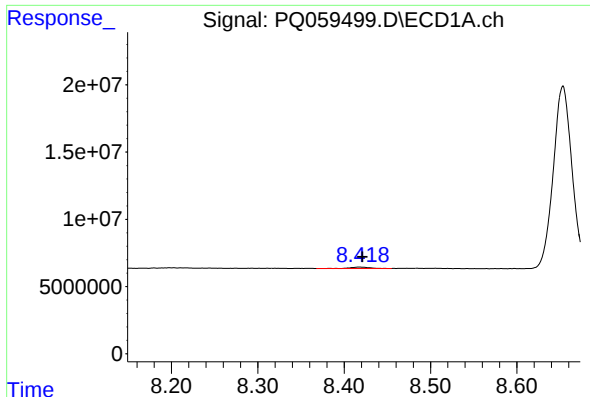
#43 AR-1268-3

R.T.: 7.802 min
Delta R.T.: -0.004 min
Response: 565366
Conc: 0.67 ng/ml



#43 AR-1268-3

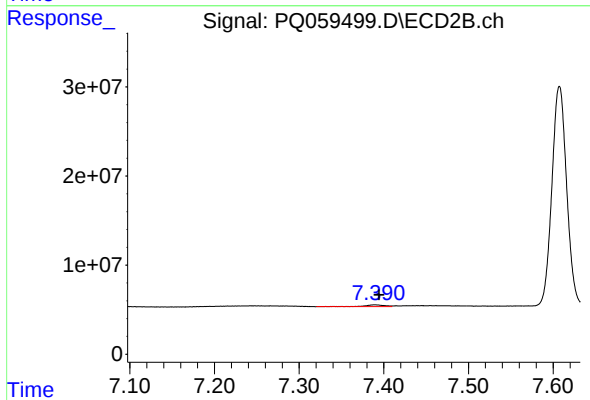
R.T.: 6.830 min
Delta R.T.: -0.008 min
Response: 931364
Conc: 0.84 ng/ml



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.003 min
Response: 1848955
Conc: 0.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.390 min
Delta R.T.: -0.005 min
Response: 3508440
Conc: 0.98 ng/ml