

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100522\
 Data File : PQ059417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2022 23:58
 Operator : YP\AJ
 Sample : N4901-22
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:38:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 04 21:36:00 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	2.831	282.2E6	185.0E6	20.494	20.428
2)	SA Decachlor...	8.654	7.611	106.0E6	158.6E6	21.354	20.765
Target Compounds							
3)	L1 AR-1016-1	4.584	3.839	154.5E6	99029613	368.356	351.180
4)	L1 AR-1016-2	4.603	3.855	275.0E6	192.3E6	443.594	452.635
5)	L1 AR-1016-3	4.661	4.017	135.9E6	83436750	344.312	375.140
6)	L1 AR-1016-4	4.753	4.064	123.7E6	50757734	375.741	296.892
7)	L1 AR-1016-5	5.039	4.260	104.9E6	71688779	334.458	318.197
8)	L2 AR-1221-1	3.680	3.032	17400174	11121645	117.632	111.965
9)	L2 AR-1221-2	3.762	3.111	23281106	14942656	224.947	218.300
10)	L2 AR-1221-3	3.832	3.180	91012905	61869023	273.367	269.772
11)	L3 AR-1232-1	3.832	3.180	91012905	61869023	323.396	321.306
12)	L3 AR-1232-2	4.326	3.855	138.5E6	192.3E6	942.670	1020.764
13)	L3 AR-1232-3	4.603	4.017	275.0E6	83436750	963.640	855.609
14)	L3 AR-1232-4	4.753	4.101	123.7E6	60615370	826.955	742.547
15)	L3 AR-1232-5	4.849	4.260	76984605	71688779	733.461	750.783
16)	L4 AR-1242-1	4.584	3.839	154.5E6	99029613	443.475	426.767
17)	L4 AR-1242-2	4.603	3.855	275.0E6	192.3E6	537.648	551.518
18)	L4 AR-1242-3	4.661	4.017	135.9E6	83436750	420.228	456.614
19)	L4 AR-1242-4	4.753	4.101	123.7E6	60615370	459.154	359.366
20)	L4 AR-1242-5	5.466	4.598	21569837	20870043	80.259	94.346
21)	L5 AR-1248-1	4.584	3.839	154.5E6	99029613	582.457	557.021
22)	L5 AR-1248-2	4.849	4.064	76984605	50757734	215.937	201.055
23)	L5 AR-1248-3	5.039	4.101	104.9E6	60615370	244.288	240.082
24)	L5 AR-1248-4	5.431	4.260	21694519	71688779	46.673	229.521 #
25)	L5 AR-1248-5	5.466	4.636	21569837	10704332	46.856	34.068 #
26)	L6 AR-1254-1	5.403	4.598	25720837	20870043	53.631	42.689
27)	L6 AR-1254-2	5.618	4.742	5583160	4874950	7.507	11.257 #
28)	L6 AR-1254-3	5.955	5.127	4320467	3204364	5.522	4.624
29)	L6 AR-1254-4	0.000	5.351	0	1394142	N.D.	3.238 #
30)	L6 AR-1254-5	6.666	5.757	2470612	2405277	4.167	3.886
31)	L7 AR-1260-1	6.142	5.257	4521220	3043152	8.126	6.754
32)	L7 AR-1260-2	6.394	5.443	1312064	1484064	2.055	2.699 #
33)	L7 AR-1260-3	6.747	5.588	738000	1758522	1.650	3.390 #
34)	L7 AR-1260-4	6.962	6.049	651662	2376803	1.351	5.377 #
35)	L7 AR-1260-5	7.275	6.288	1108969	1448842	1.258	1.421
36)	L8 AR-1262-1	6.747	5.799	738000	2237320	1.061	3.511 #
37)	L8 AR-1262-2	7.275	6.288	1108969	1448842	1.020	1.239
38)	L8 AR-1262-3	0.000	6.554	0	2893610	N.D.	6.283 #
39)	L8 AR-1262-4	0.000	6.626	0	2150312	N.D.	2.454 #
40)	L8 AR-1262-5	0.000	7.124	0	1555503	N.D.	3.915 #
41)	L9 AR-1268-1	0.000	6.554	0	2893610	N.D.	2.057 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100522\
 Data File : PQ059417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2022 23:58
 Operator : YP\AJ
 Sample : N4901-22
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

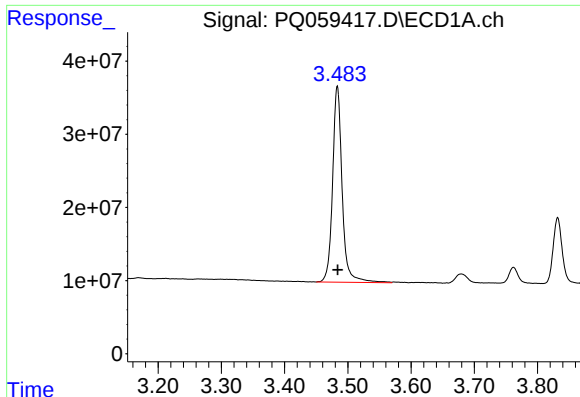
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 04:38:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 04 21:36:00 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	0.000	6.626	0	2150312	N.D.	1.662 #
43) L9	AR-1268-3	7.785	6.836	2098048	372823	2.496	0.338 #
44) L9	AR-1268-4	0.000	7.124	0	1555503	N.D.	3.434 #
45) L9	AR-1268-5	8.419	7.393	762763	4406673	0.339	1.232 #

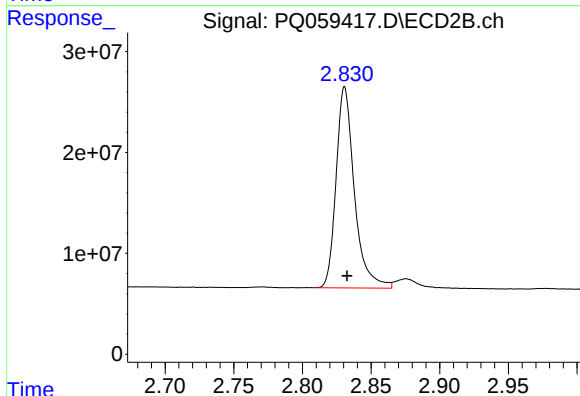
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

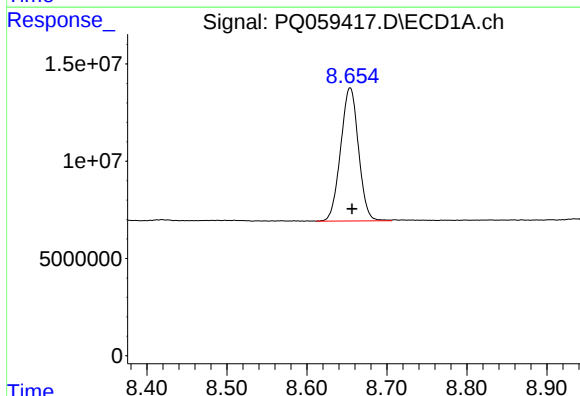
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 282175629
Conc: 20.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



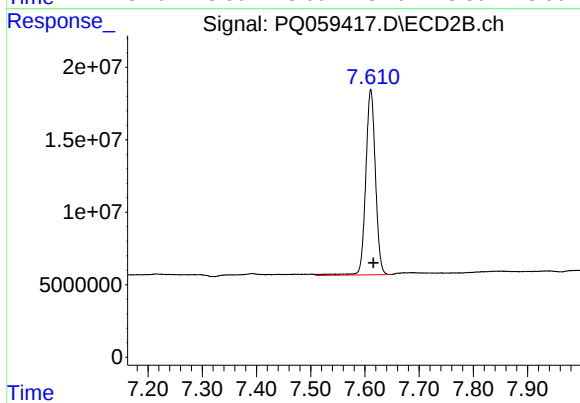
#1 Tetrachloro-m-xylene

R.T.: 2.831 min
Delta R.T.: -0.002 min
Response: 185043681
Conc: 20.43 ng/ml



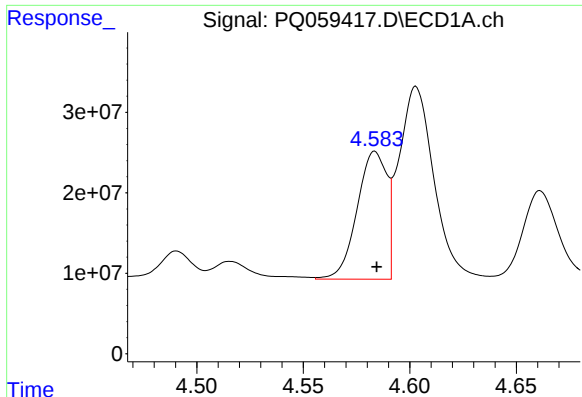
#2 Decachlorobiphenyl

R.T.: 8.654 min
Delta R.T.: -0.002 min
Response: 106044555
Conc: 21.35 ng/ml



#2 Decachlorobiphenyl

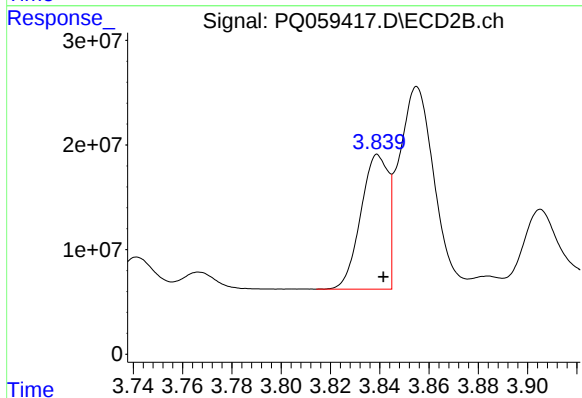
R.T.: 7.611 min
Delta R.T.: -0.005 min
Response: 158564750
Conc: 20.76 ng/ml



#3 AR-1016-1

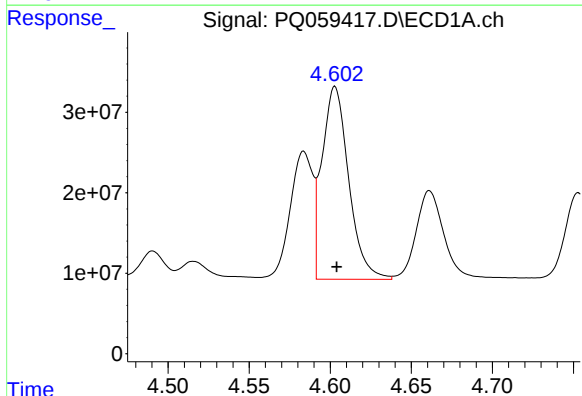
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 154484078
Conc: 368.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



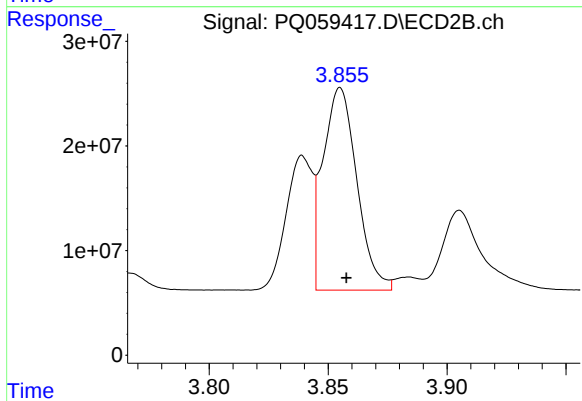
#3 AR-1016-1

R.T.: 3.839 min
Delta R.T.: -0.002 min
Response: 99029613
Conc: 351.18 ng/ml



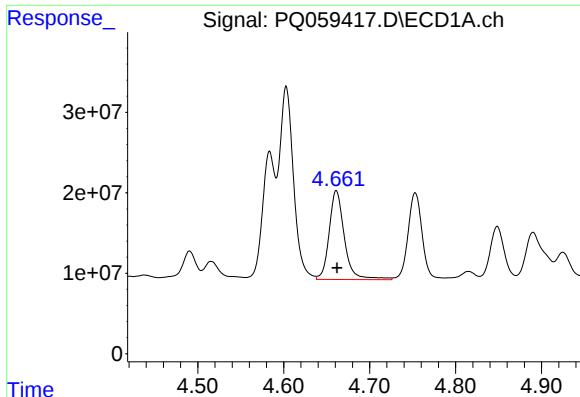
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 275003985
Conc: 443.59 ng/ml



#4 AR-1016-2

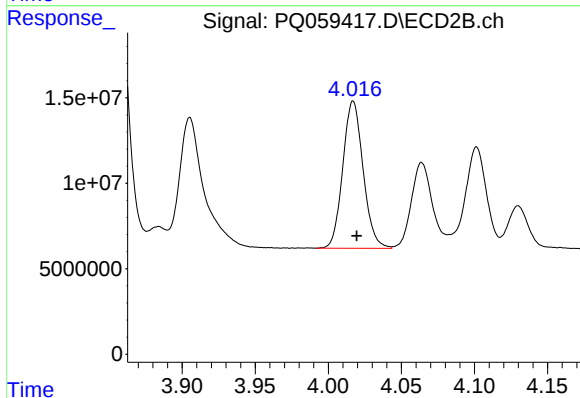
R.T.: 3.855 min
Delta R.T.: -0.003 min
Response: 192254840
Conc: 452.63 ng/ml



#5 AR-1016-3

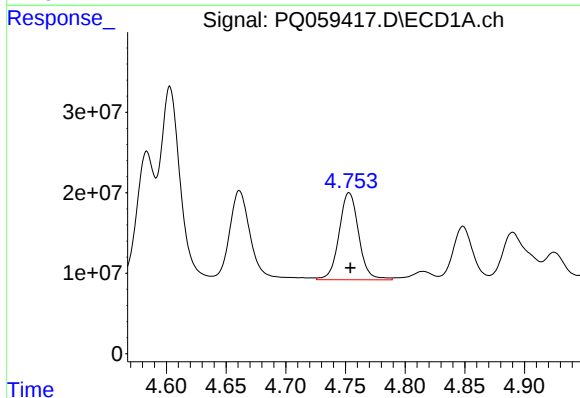
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 135895079
Conc: 344.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



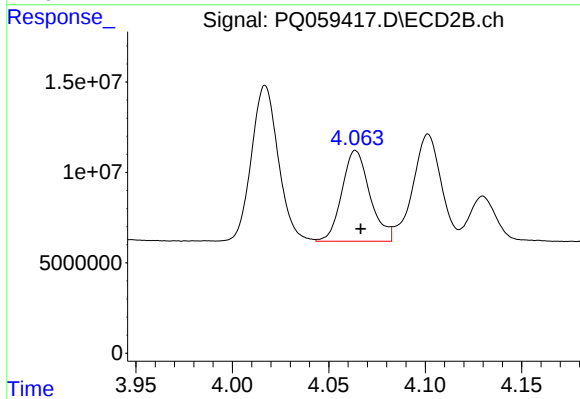
#5 AR-1016-3

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 83436750
Conc: 375.14 ng/ml



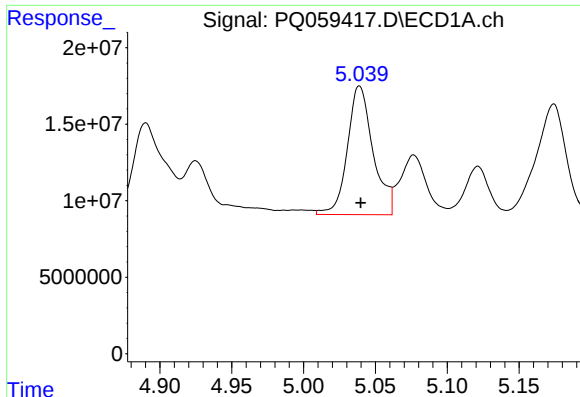
#6 AR-1016-4

R.T.: 4.753 min
Delta R.T.: -0.001 min
Response: 123726481
Conc: 375.74 ng/ml



#6 AR-1016-4

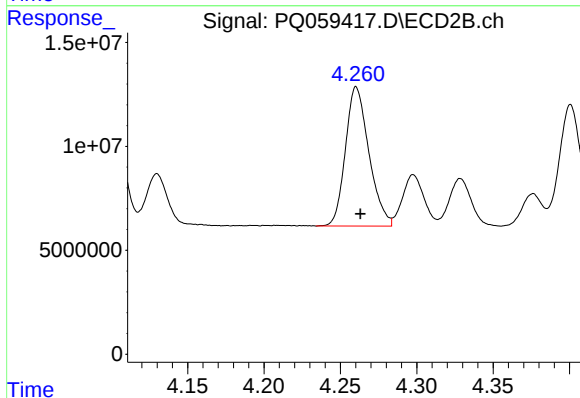
R.T.: 4.064 min
Delta R.T.: -0.002 min
Response: 50757734
Conc: 296.89 ng/ml



#7 AR-1016-5

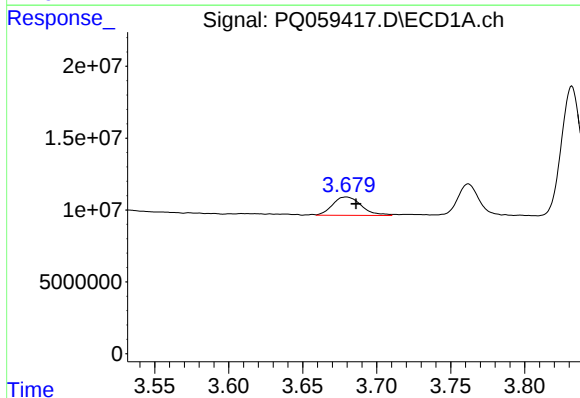
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 104916265
Conc: 334.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



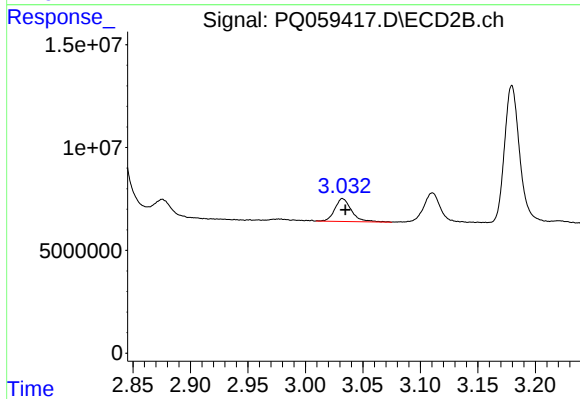
#7 AR-1016-5

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 71688779
Conc: 318.20 ng/ml



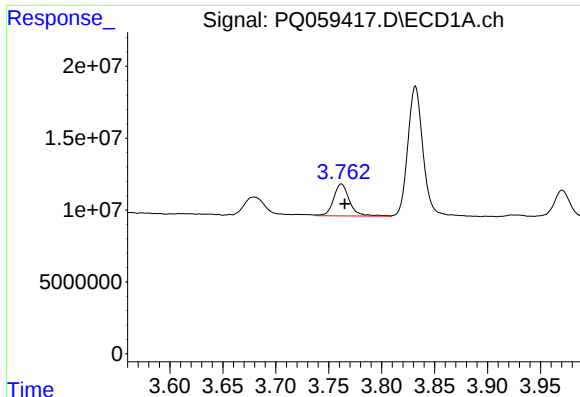
#8 AR-1221-1

R.T.: 3.680 min
Delta R.T.: -0.006 min
Response: 17400174
Conc: 117.63 ng/ml



#8 AR-1221-1

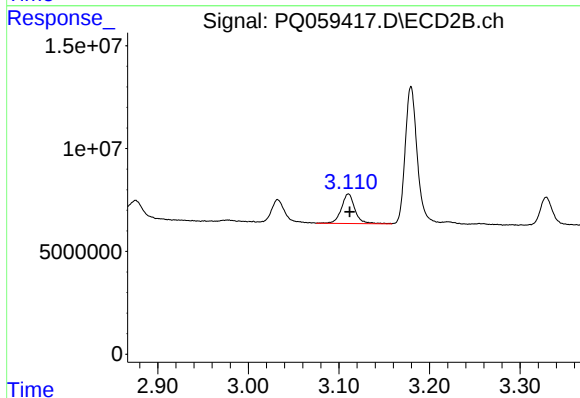
R.T.: 3.032 min
Delta R.T.: -0.002 min
Response: 11121645
Conc: 111.97 ng/ml



#9 AR-1221-2

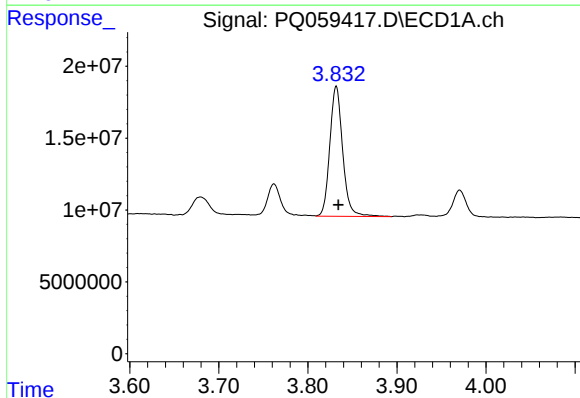
R.T.: 3.762 min
Delta R.T.: -0.003 min
Response: 23281106
Conc: 224.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



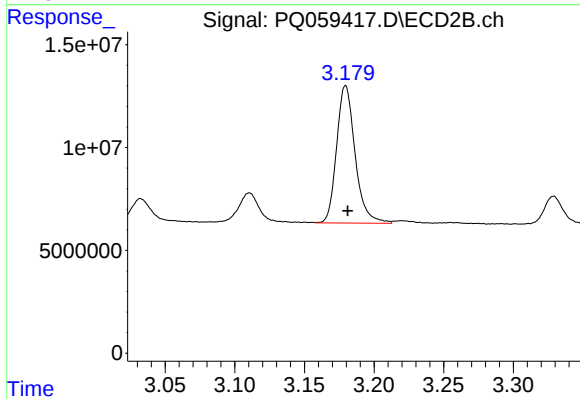
#9 AR-1221-2

R.T.: 3.111 min
Delta R.T.: -0.001 min
Response: 14942656
Conc: 218.30 ng/ml



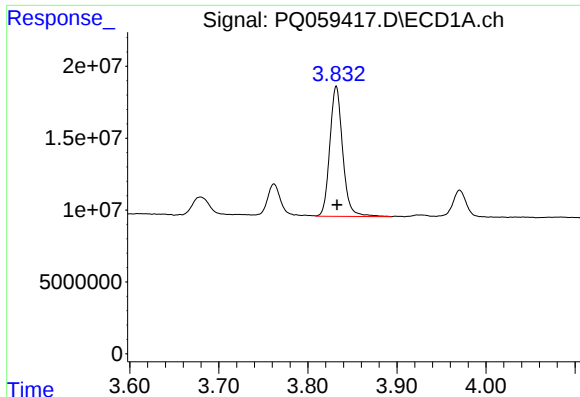
#10 AR-1221-3

R.T.: 3.832 min
Delta R.T.: -0.003 min
Response: 91012905
Conc: 273.37 ng/ml



#10 AR-1221-3

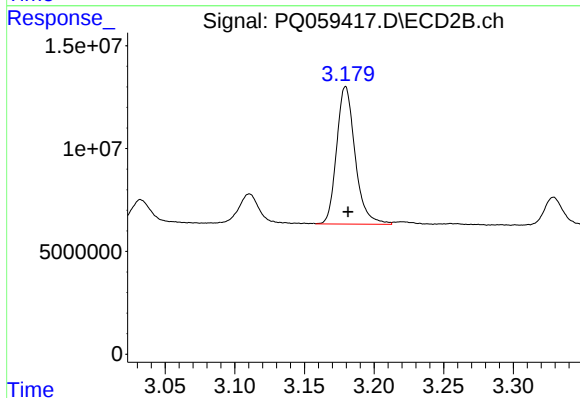
R.T.: 3.180 min
Delta R.T.: -0.002 min
Response: 61869023
Conc: 269.77 ng/ml



#11 AR-1232-1

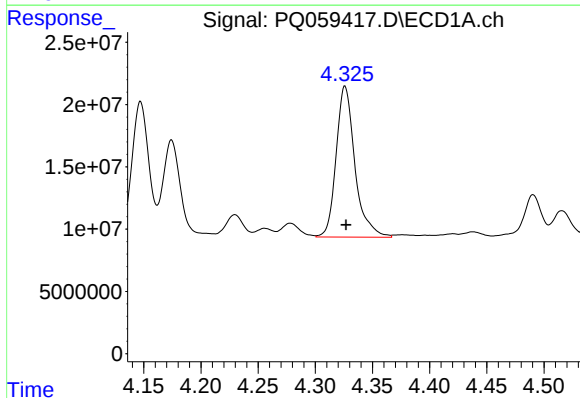
R.T.: 3.832 min
Delta R.T.: 0.000 min
Response: 91012905
Conc: 323.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



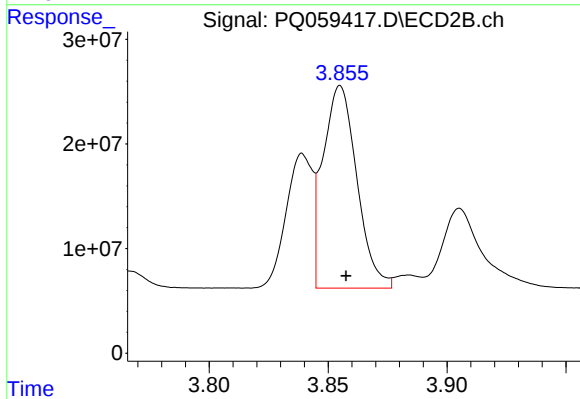
#11 AR-1232-1

R.T.: 3.180 min
Delta R.T.: -0.002 min
Response: 61869023
Conc: 321.31 ng/ml



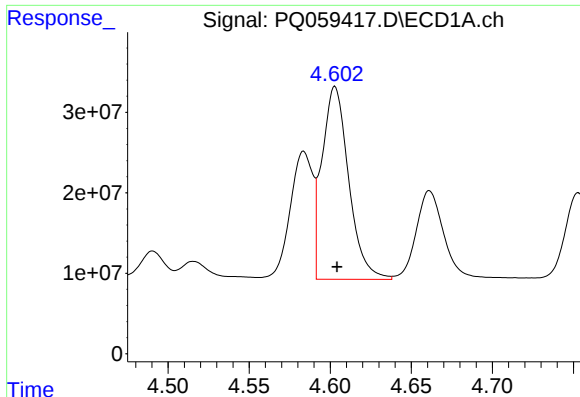
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 138491420
Conc: 942.67 ng/ml



#12 AR-1232-2

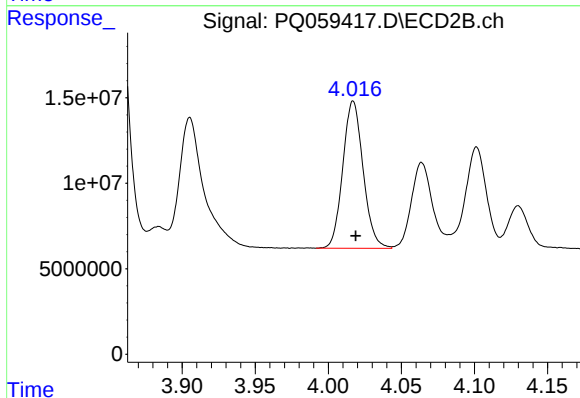
R.T.: 3.855 min
Delta R.T.: -0.002 min
Response: 192254840
Conc: 1020.76 ng/ml



#13 AR-1232-3

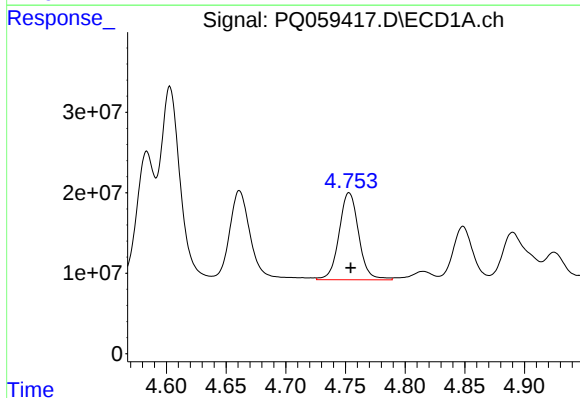
R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 275003985
Conc: 963.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



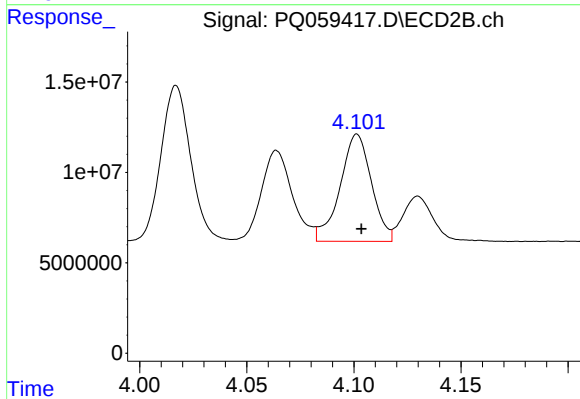
#13 AR-1232-3

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 83436750
Conc: 855.61 ng/ml



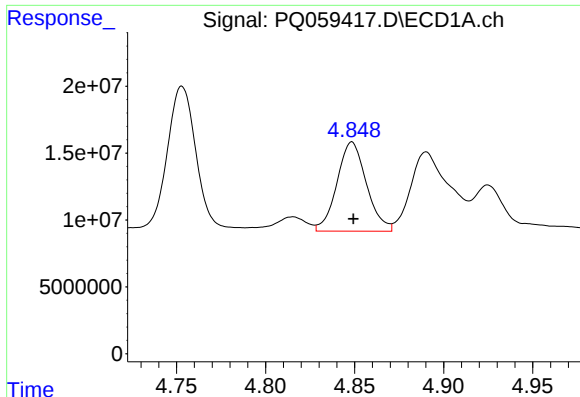
#14 AR-1232-4

R.T.: 4.753 min
Delta R.T.: -0.001 min
Response: 123726481
Conc: 826.96 ng/ml



#14 AR-1232-4

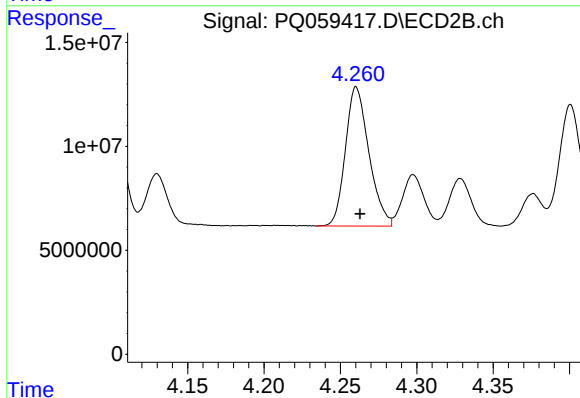
R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 60615370
Conc: 742.55 ng/ml



#15 AR-1232-5

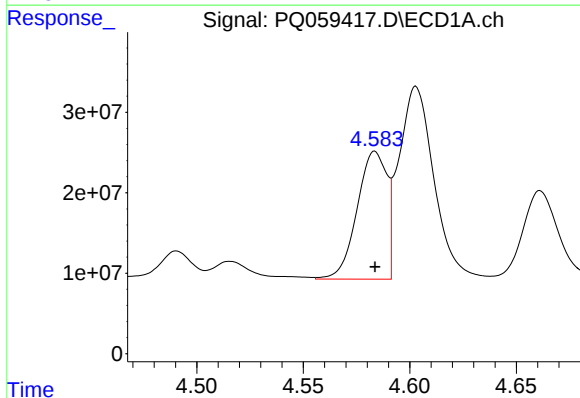
R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 76984605
Conc: 733.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



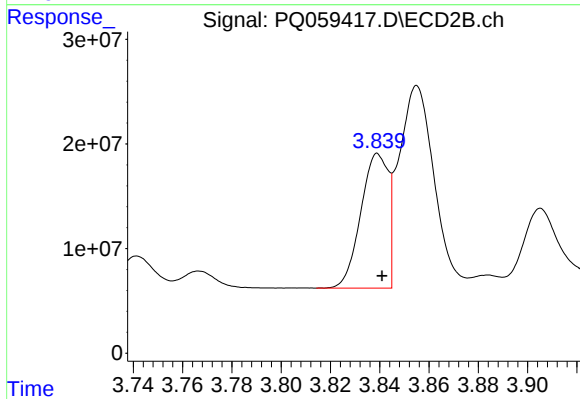
#15 AR-1232-5

R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 71688779
Conc: 750.78 ng/ml



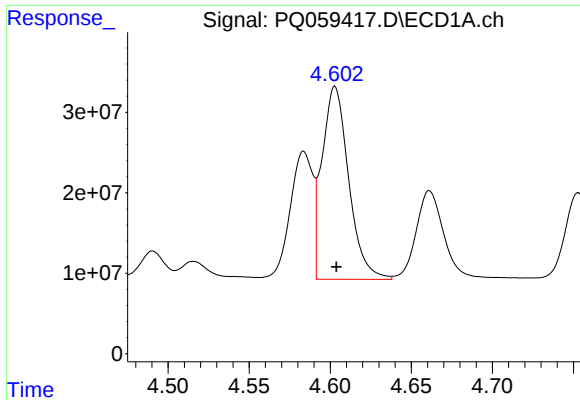
#16 AR-1242-1

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 154484078
Conc: 443.48 ng/ml



#16 AR-1242-1

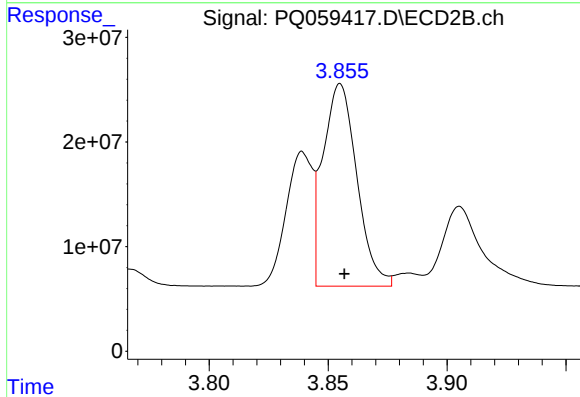
R.T.: 3.839 min
Delta R.T.: -0.002 min
Response: 99029613
Conc: 426.77 ng/ml



#17 AR-1242-2

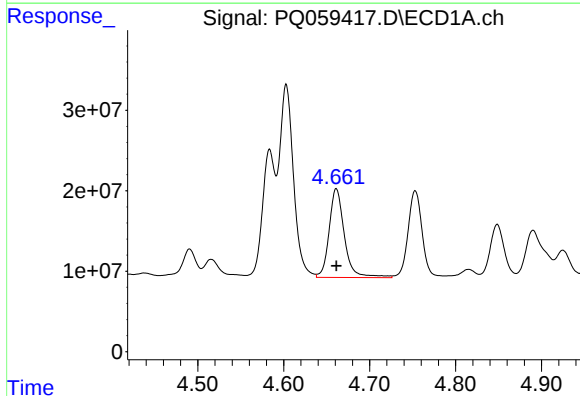
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 275003985
Conc: 537.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



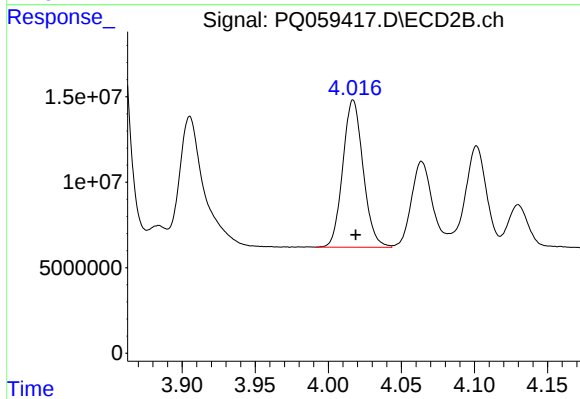
#17 AR-1242-2

R.T.: 3.855 min
Delta R.T.: -0.002 min
Response: 192254840
Conc: 551.52 ng/ml



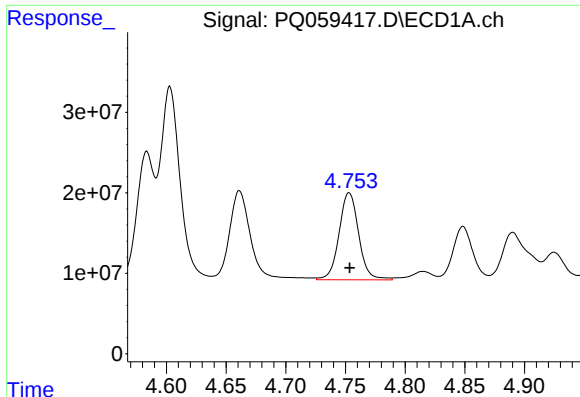
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 135895079
Conc: 420.23 ng/ml



#18 AR-1242-3

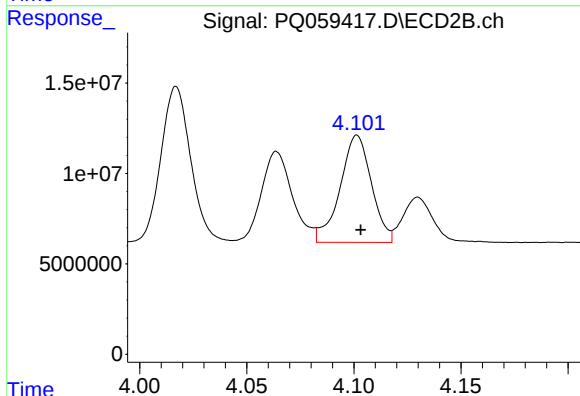
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 83436750
Conc: 456.61 ng/ml



#19 AR-1242-4

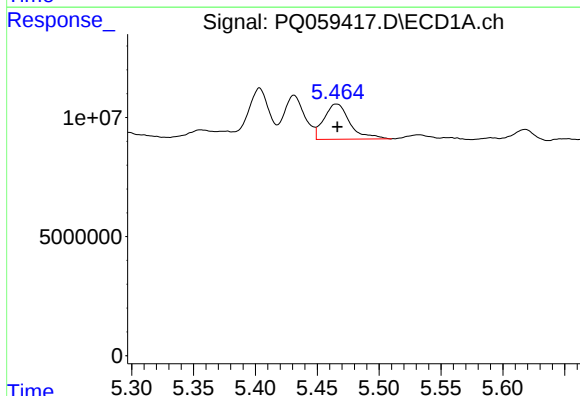
R.T.: 4.753 min
Delta R.T.: 0.000 min
Response: 123726481
Conc: 459.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



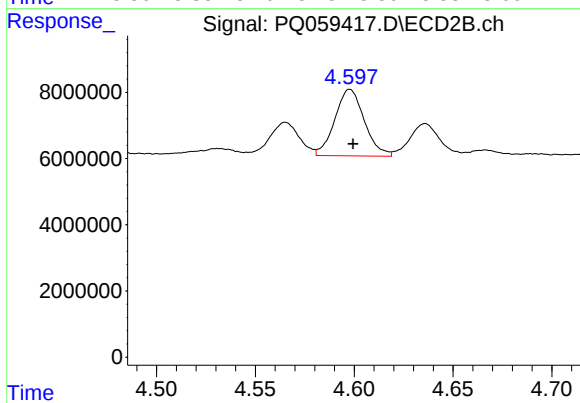
#19 AR-1242-4

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 60615370
Conc: 359.37 ng/ml



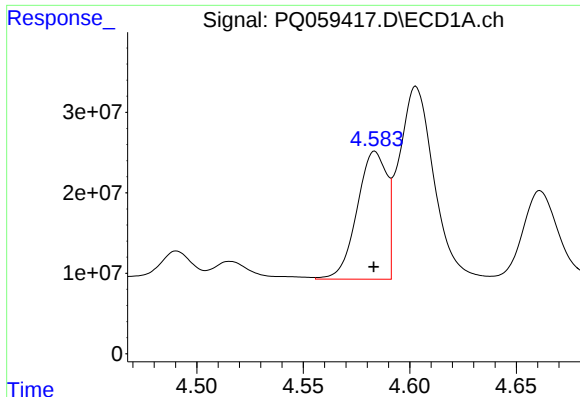
#20 AR-1242-5

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 21569837
Conc: 80.26 ng/ml



#20 AR-1242-5

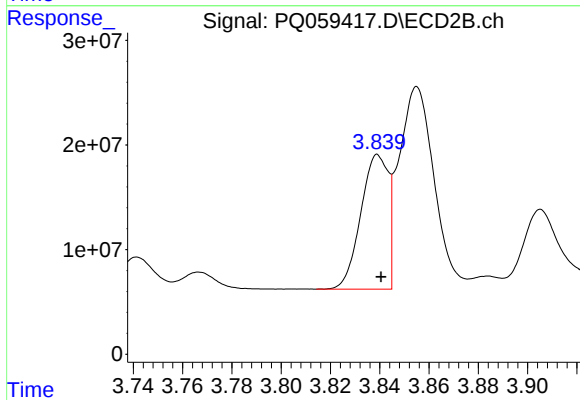
R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 20870043
Conc: 94.35 ng/ml



#21 AR-1248-1

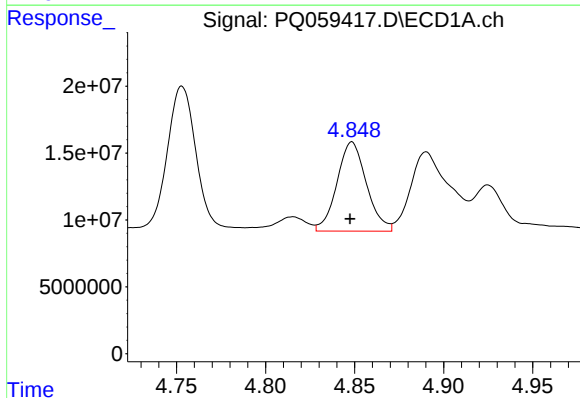
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 154484078
Conc: 582.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



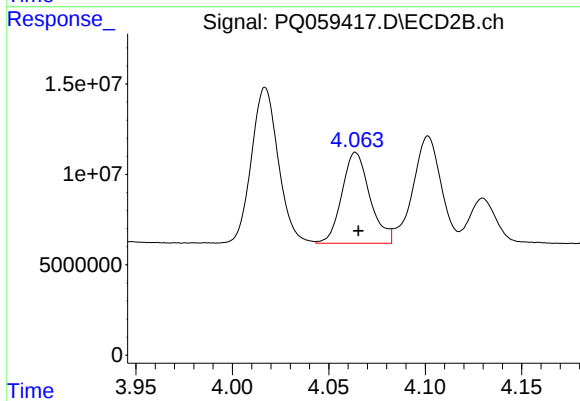
#21 AR-1248-1

R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 99029613
Conc: 557.02 ng/ml



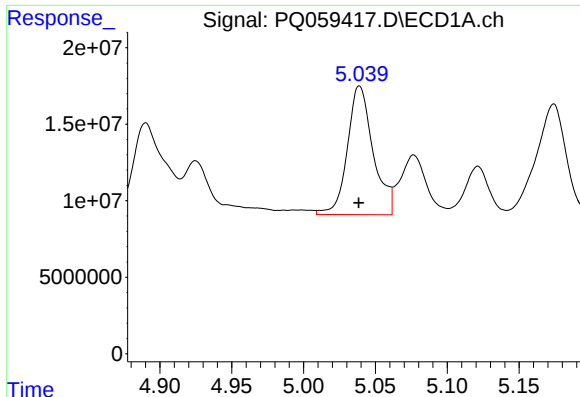
#22 AR-1248-2

R.T.: 4.849 min
Delta R.T.: 0.001 min
Response: 76984605
Conc: 215.94 ng/ml



#22 AR-1248-2

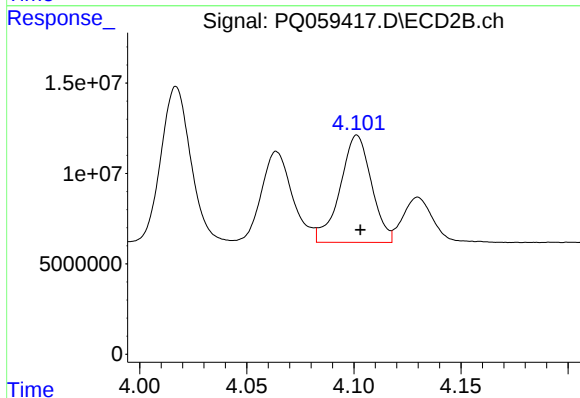
R.T.: 4.064 min
Delta R.T.: -0.001 min
Response: 50757734
Conc: 201.05 ng/ml



#23 AR-1248-3

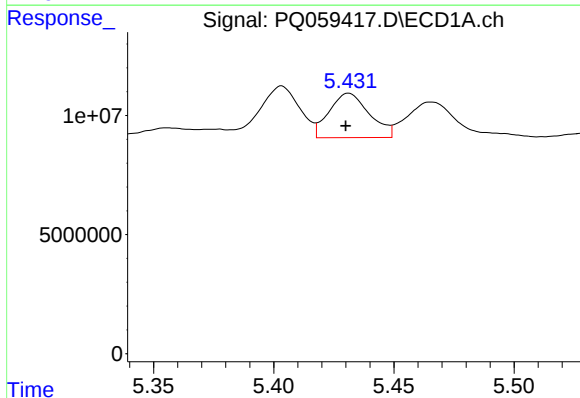
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 104916265
Conc: 244.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



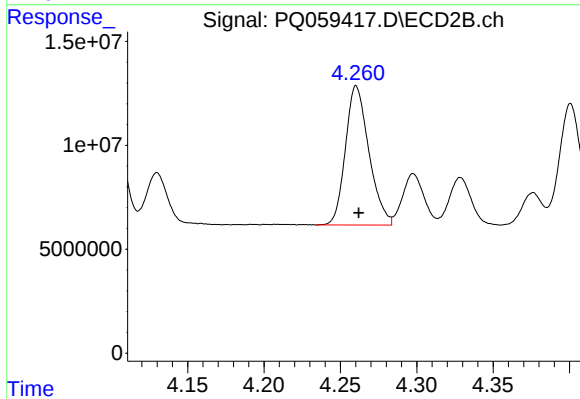
#23 AR-1248-3

R.T.: 4.101 min
Delta R.T.: -0.002 min
Response: 60615370
Conc: 240.08 ng/ml



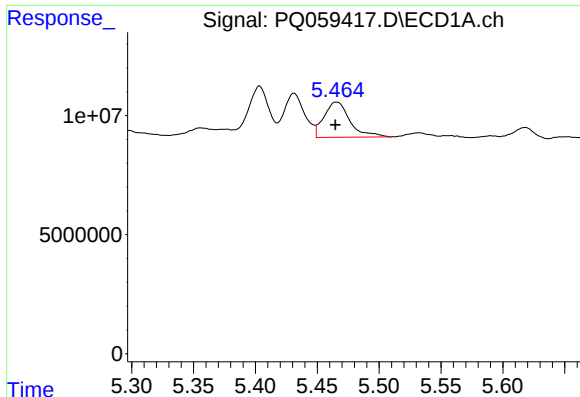
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.001 min
Response: 21694519
Conc: 46.67 ng/ml



#24 AR-1248-4

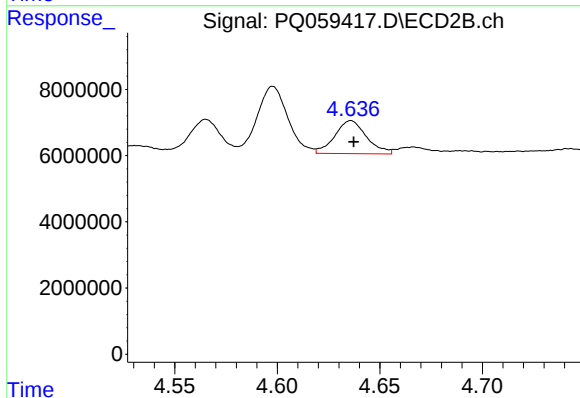
R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 71688779
Conc: 229.52 ng/ml



#25 AR-1248-5

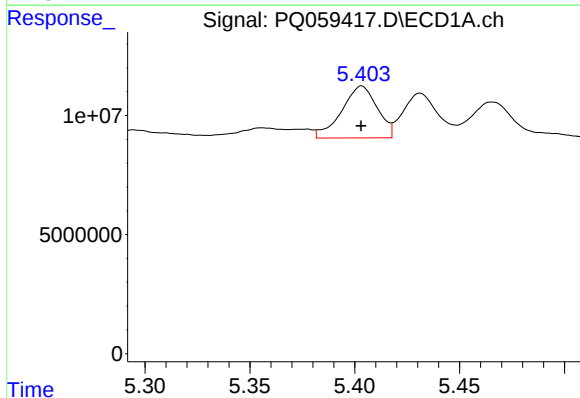
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 21569837
Conc: 46.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



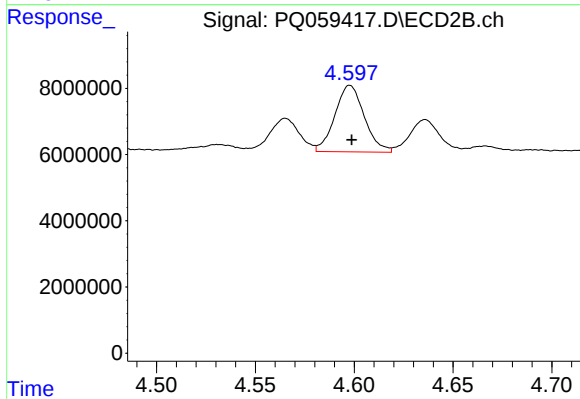
#25 AR-1248-5

R.T.: 4.636 min
Delta R.T.: -0.001 min
Response: 10704332
Conc: 34.07 ng/ml



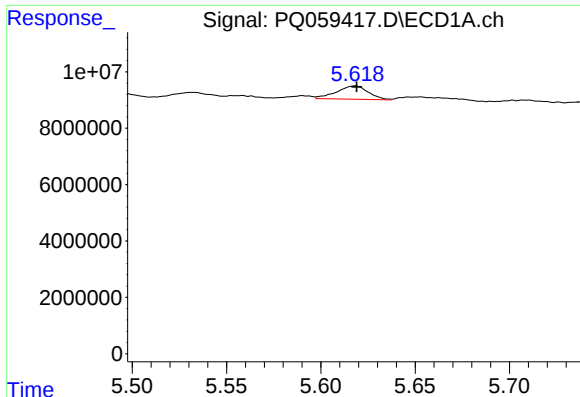
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 25720837
Conc: 53.63 ng/ml



#26 AR-1254-1

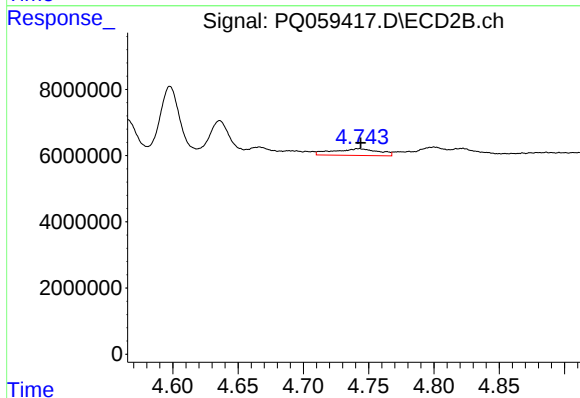
R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 20870043
Conc: 42.69 ng/ml



#27 AR-1254-2

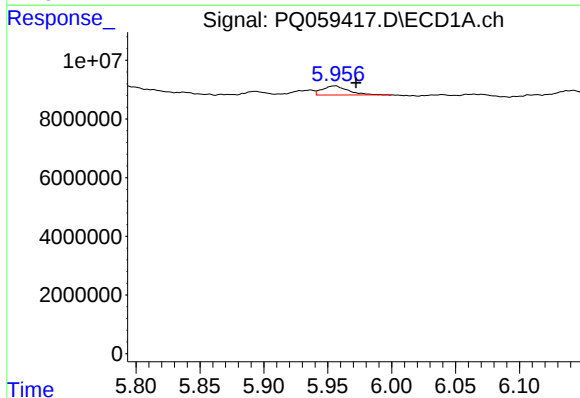
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 5583160
Conc: 7.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



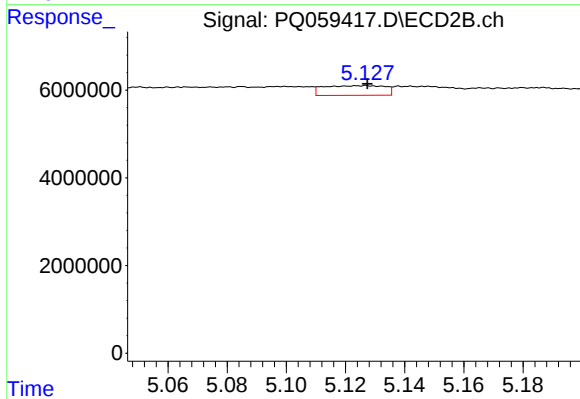
#27 AR-1254-2

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 4874950
Conc: 11.26 ng/ml



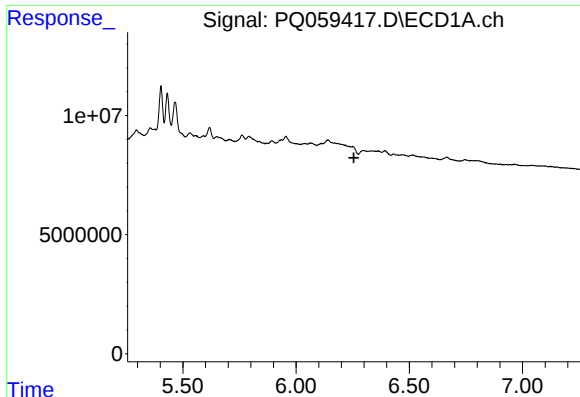
#28 AR-1254-3

R.T.: 5.955 min
Delta R.T.: -0.017 min
Response: 4320467
Conc: 5.52 ng/ml



#28 AR-1254-3

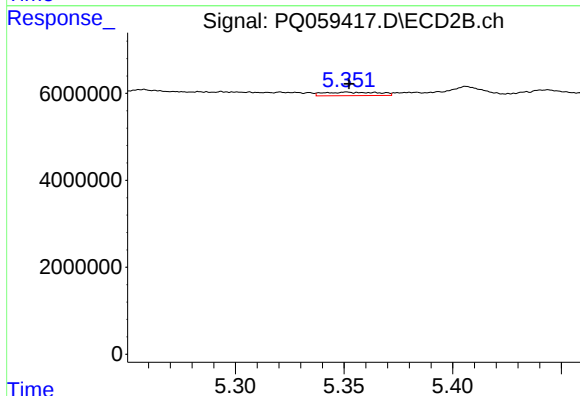
R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 3204364
Conc: 4.62 ng/ml



#29 AR-1254-4

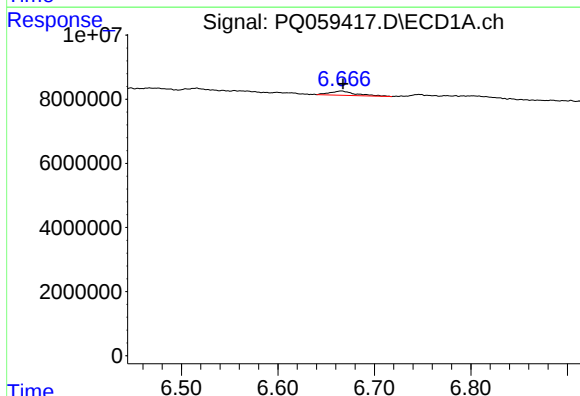
R.T.: 0.000 min
Exp R.T.: 6.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



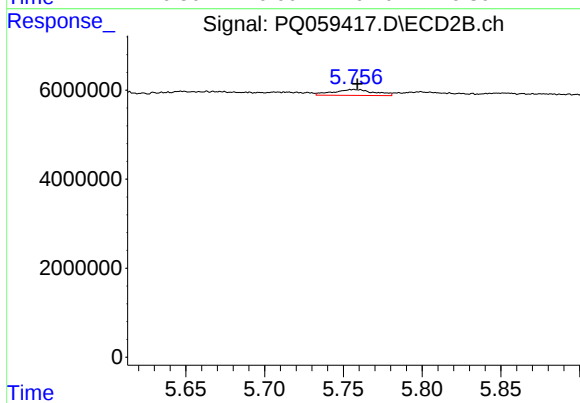
#29 AR-1254-4

R.T.: 5.351 min
Delta R.T.: -0.001 min
Response: 1394142
Conc: 3.24 ng/ml



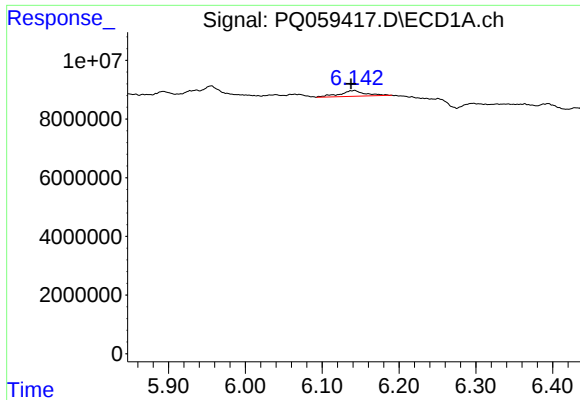
#30 AR-1254-5

R.T.: 6.666 min
Delta R.T.: -0.002 min
Response: 2470612
Conc: 4.17 ng/ml



#30 AR-1254-5

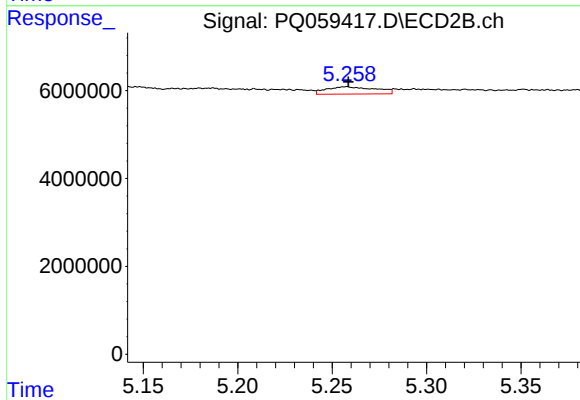
R.T.: 5.757 min
Delta R.T.: -0.003 min
Response: 2405277
Conc: 3.89 ng/ml



#31 AR-1260-1

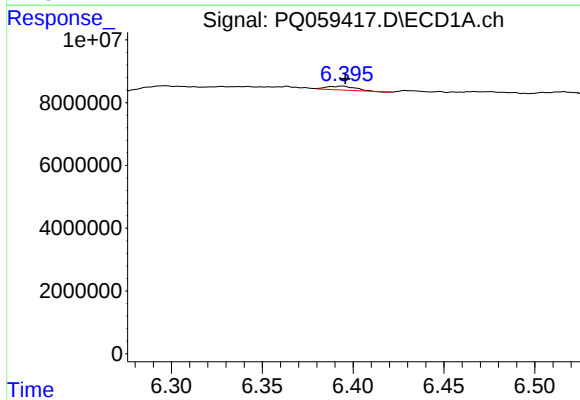
R.T.: 6.142 min
Delta R.T.: 0.004 min
Response: 4521220
Conc: 8.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



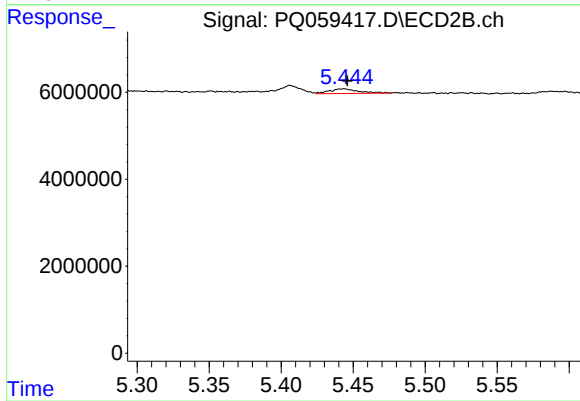
#31 AR-1260-1

R.T.: 5.257 min
Delta R.T.: -0.001 min
Response: 3043152
Conc: 6.75 ng/ml



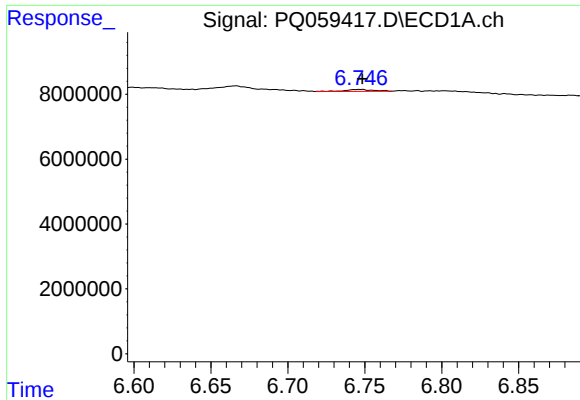
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 1312064
Conc: 2.06 ng/ml



#32 AR-1260-2

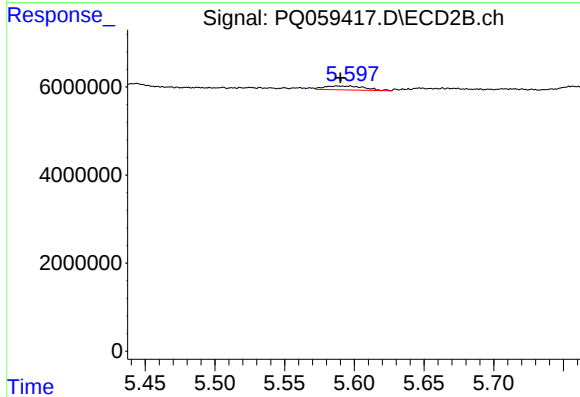
R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 1484064
Conc: 2.70 ng/ml



#33 AR-1260-3

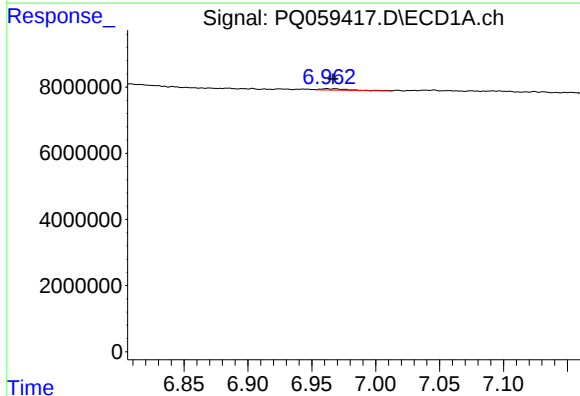
R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 738000
Conc: 1.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



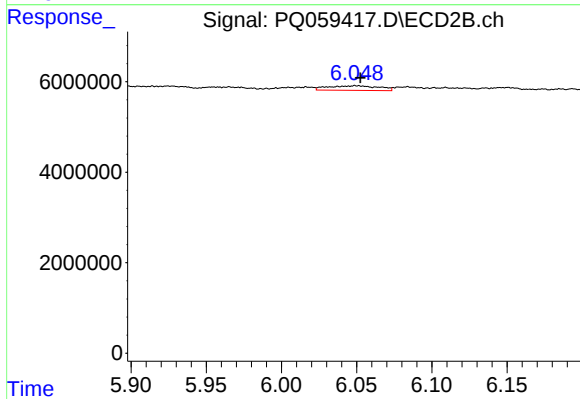
#33 AR-1260-3

R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 1758522
Conc: 3.39 ng/ml



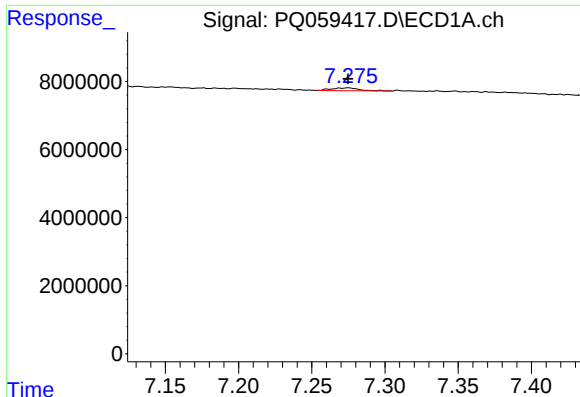
#34 AR-1260-4

R.T.: 6.962 min
Delta R.T.: -0.005 min
Response: 651662
Conc: 1.35 ng/ml



#34 AR-1260-4

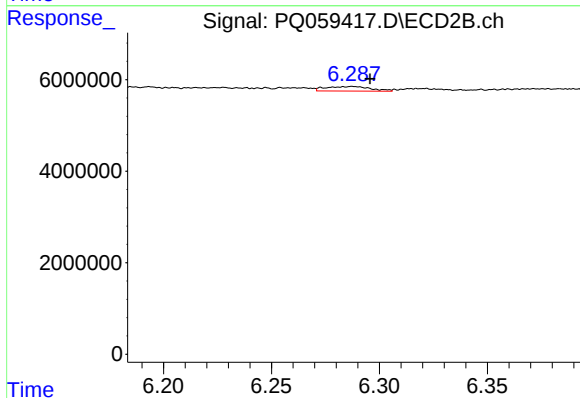
R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 2376803
Conc: 5.38 ng/ml



#35 AR-1260-5

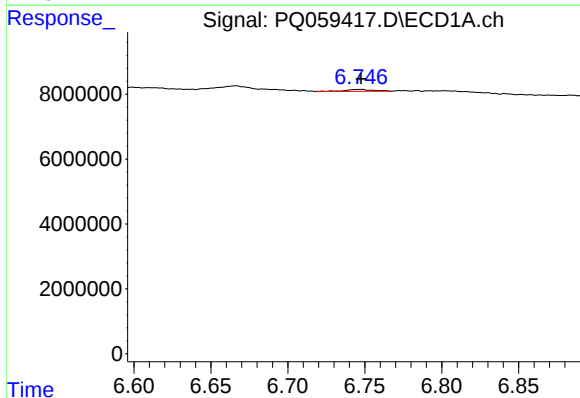
R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 1108969
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



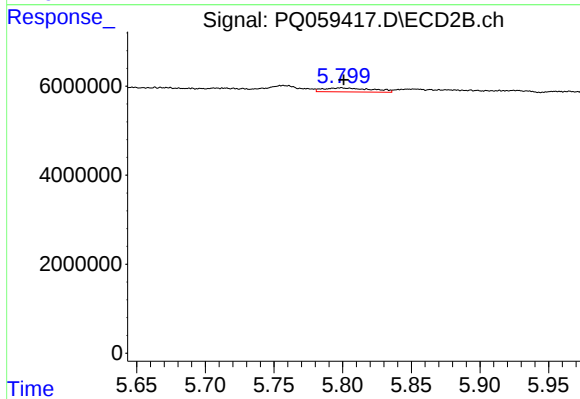
#35 AR-1260-5

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 1448842
Conc: 1.42 ng/ml



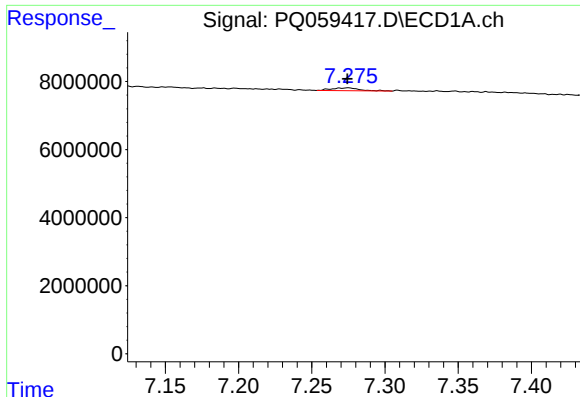
#36 AR-1262-1

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 738000
Conc: 1.06 ng/ml



#36 AR-1262-1

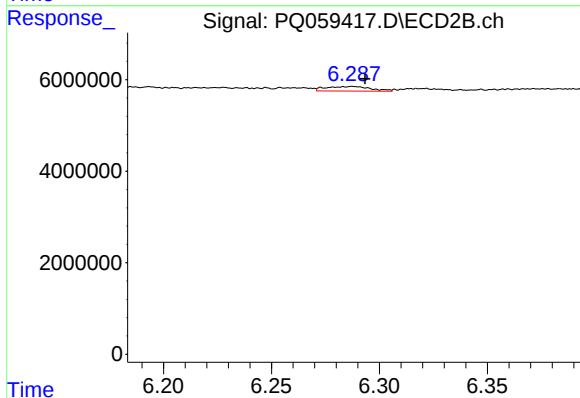
R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 2237320
Conc: 3.51 ng/ml



#37 AR-1262-2

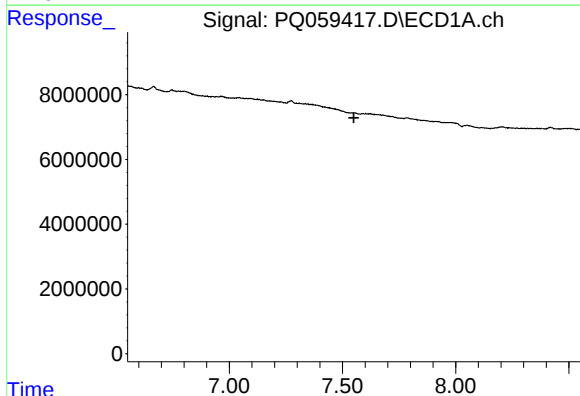
R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 1108969
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



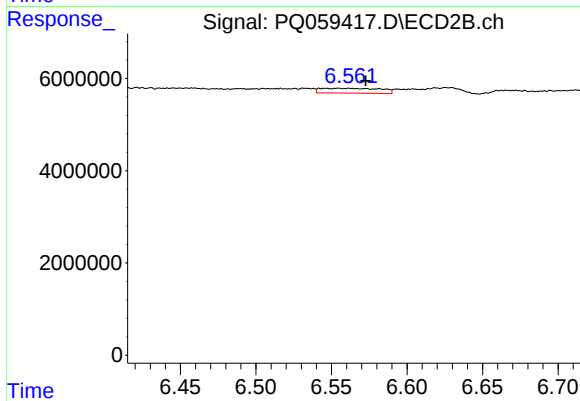
#37 AR-1262-2

R.T.: 6.288 min
Delta R.T.: -0.006 min
Response: 1448842
Conc: 1.24 ng/ml



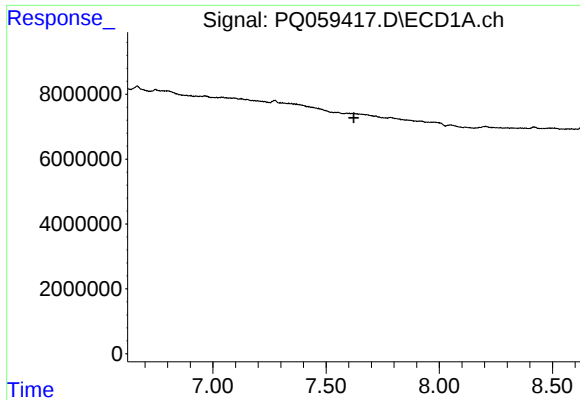
#38 AR-1262-3

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



#38 AR-1262-3

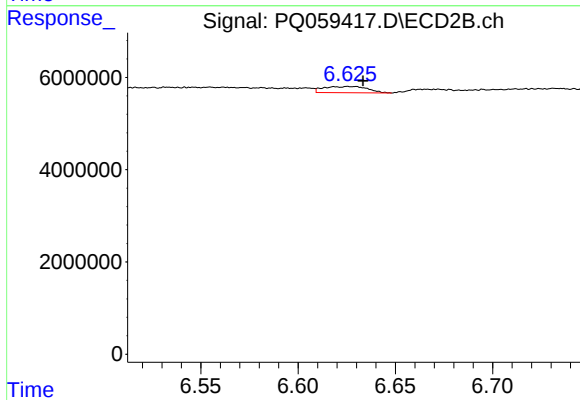
R.T.: 6.554 min
Delta R.T.: -0.018 min
Response: 2893610
Conc: 6.28 ng/ml



#39 AR-1262-4

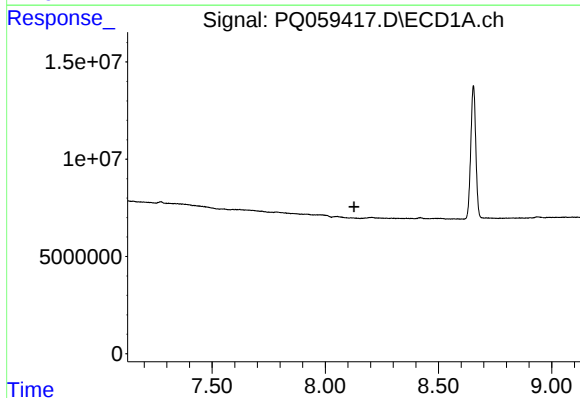
R.T.: 0.000 min
Exp R.T.: 7.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



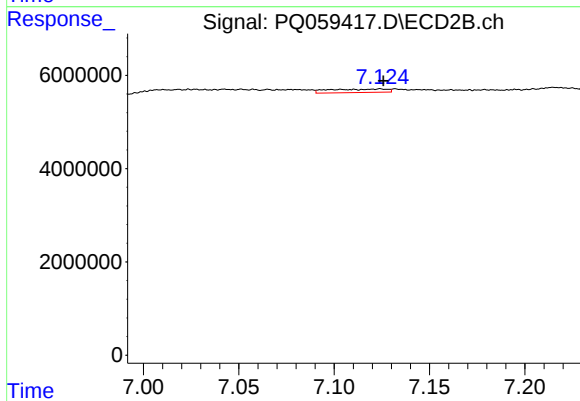
#39 AR-1262-4

R.T.: 6.626 min
Delta R.T.: -0.007 min
Response: 2150312
Conc: 2.45 ng/ml



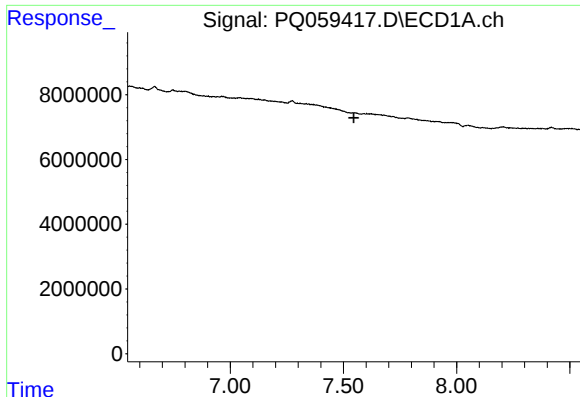
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.127 min
Response: 0
Conc: N.D.



#40 AR-1262-5

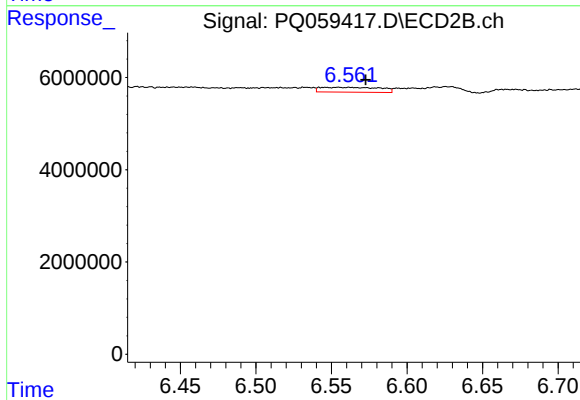
R.T.: 7.124 min
Delta R.T.: -0.002 min
Response: 1555503
Conc: 3.91 ng/ml



#41 AR-1268-1

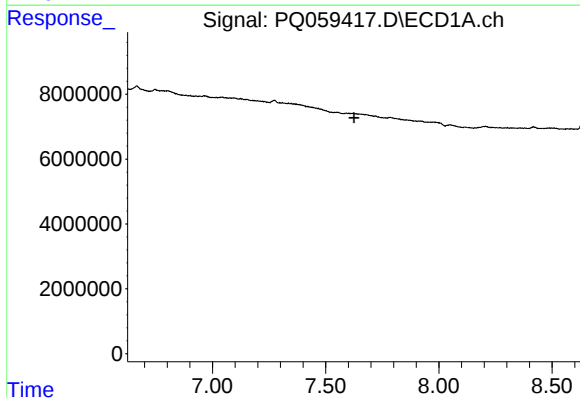
R.T.: 0.000 min
Exp R.T.: 7.546 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



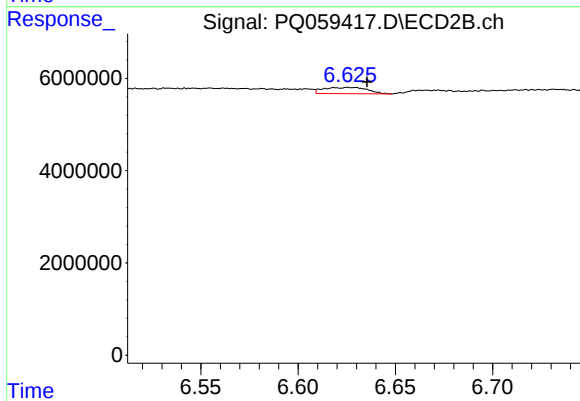
#41 AR-1268-1

R.T.: 6.554 min
Delta R.T.: -0.018 min
Response: 2893610
Conc: 2.06 ng/ml



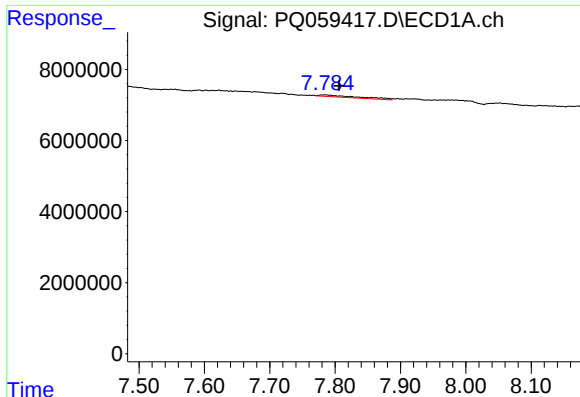
#42 AR-1268-2

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



#42 AR-1268-2

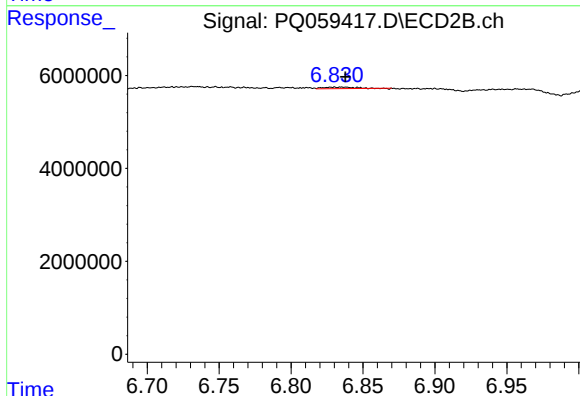
R.T.: 6.626 min
Delta R.T.: -0.009 min
Response: 2150312
Conc: 1.66 ng/ml



#43 AR-1268-3

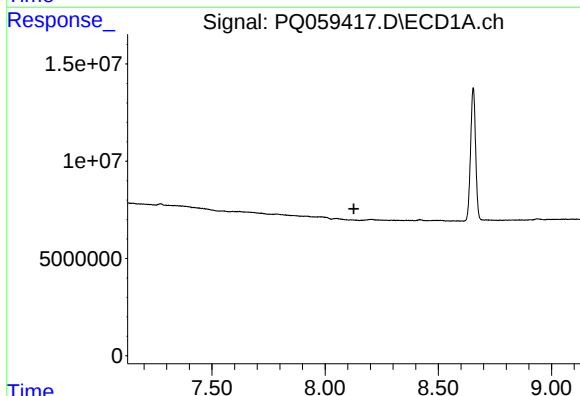
R.T.: 7.785 min
Delta R.T.: -0.021 min
Response: 2098048
Conc: 2.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



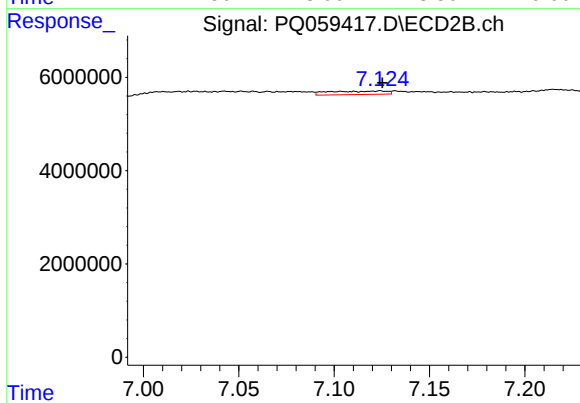
#43 AR-1268-3

R.T.: 6.836 min
Delta R.T.: -0.002 min
Response: 372823
Conc: 0.34 ng/ml



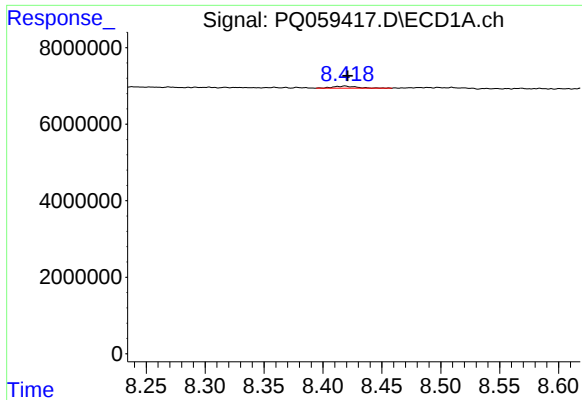
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.127 min
Response: 0
Conc: N.D.



#44 AR-1268-4

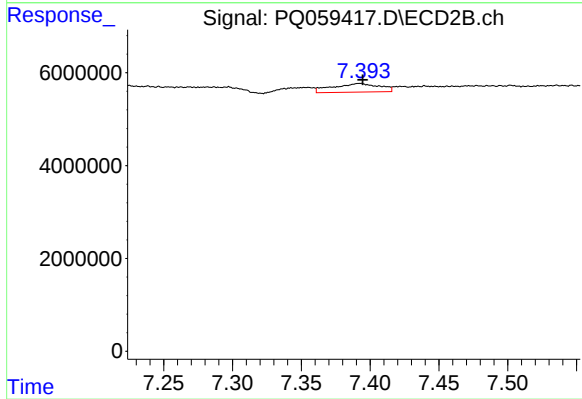
R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 1555503
Conc: 3.43 ng/ml



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 762763
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 4406673
Conc: 1.23 ng/ml