

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
 Data File : PQ059522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 16:25
 Operator : YP\AJ
 Sample : N5016-20DL 4X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 00:05:51 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...	3.471	2.830	458.1E6	80341077	33.270	8.869 #
2)	SA Decachlor...	8.652	7.606	64681677	91189630	13.025	11.942
Target Compounds							
3)	L1 AR-1016-1	4.583	3.837	331.8E6	204.1E6	791.233	723.722
4)	L1 AR-1016-2	4.602	3.853	578.3E6	359.2E6	932.900	845.756
5)	L1 AR-1016-3	4.661	4.016	278.6E6	210.9E6	705.882	948.335 #
6)	L1 AR-1016-4	4.751	4.062	335.8E6	132.1E6	1019.820	772.857
7)	L1 AR-1016-5	5.038	4.259	280.2E6	192.2E6	893.096	853.278
8)	L2 AR-1221-1	3.678	3.031	278.0E6	132.5E6	1879.215	1333.892 #
9)	L2 AR-1221-2	3.761	3.110	265.8E6	146.6E6	2568.079	2141.944
10)	L2 AR-1221-3	3.831	3.178	856.7E6	581.1E6	2573.126	2533.640
11)	L3 AR-1232-1	3.831	3.178	856.7E6	581.1E6	3044.037	3017.638
12)	L3 AR-1232-2	4.326	3.853	696.3E6	359.2E6	4739.670	1907.316 #
13)	L3 AR-1232-3	4.602	4.016	578.3E6	210.9E6	2026.583	2162.937
14)	L3 AR-1232-4	4.751	4.099	335.8E6	147.4E6	2244.488	1806.115
15)	L3 AR-1232-5	4.847	4.259	205.6E6	192.2E6	1959.103	2013.301
16)	L4 AR-1242-1	4.583	3.837	331.8E6	204.1E6	952.589	879.494
17)	L4 AR-1242-2	4.602	3.853	578.3E6	359.2E6	1130.701	1030.522
18)	L4 AR-1242-3	4.661	4.016	278.6E6	210.9E6	861.520	1154.299 #
19)	L4 AR-1242-4	4.751	4.099	335.8E6	147.4E6	1246.217	874.094 #
20)	L4 AR-1242-5	5.464	4.596	41747762	35322280	155.339	159.680
21)	L5 AR-1248-1	4.583	3.837	331.8E6	204.1E6	1251.124	1147.926
22)	L5 AR-1248-2	4.847	4.062	205.6E6	132.1E6	576.776	523.376
23)	L5 AR-1248-3	5.038	4.099	280.2E6	147.4E6	652.316	583.956
24)	L5 AR-1248-4	5.430	4.259	26147157	192.2E6	56.253	615.484 #
25)	L5 AR-1248-5	5.464	4.634	41747762	28813509	90.689	91.704
26)	L6 AR-1254-1	5.402	4.596	56579808	35322280	117.975	72.250 #
27)	L6 AR-1254-2	5.616	4.741	28578524	5340675	38.424	12.332 #
28)	L6 AR-1254-3	5.973	5.125	7938510	8901458	10.146	12.846 #
29)	L6 AR-1254-4	6.253	5.350	2674788	2377566	4.893	5.523
30)	L6 AR-1254-5	6.671	5.757	1276429	713069	2.153	1.152 #
31)	L7 AR-1260-1	6.089f	5.260	3373610	2603058	6.064	5.777
32)	L7 AR-1260-2	6.385	5.440	15816422	451696	24.774	0.821 #
33)	L7 AR-1260-3	6.746	5.598	79498	246599	0.178	0.475 #
34)	L7 AR-1260-4	0.000	6.050	0	643721	N.D.	1.456 #
35)	L7 AR-1260-5	7.315f	6.275	490256	187929	0.556	0.184 #
36)	L8 AR-1262-1	6.746	5.799	79498	488891	0.114	0.767 #
37)	L8 AR-1262-2	7.315f	6.275	490256	187929	0.451	0.161 #
38)	L8 AR-1262-3	0.000	6.558	0	3230762	N.D.	7.016 #
39)	L8 AR-1262-4	0.000	6.644	0	67393	N.D.	0.077 #
40)	L8 AR-1262-5	0.000	7.122	0	353996	N.D.	0.891 #
41)	L9 AR-1268-1	0.000	6.558	0	3230762	N.D.	2.296 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100722\
Data File : PQ059522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2022 16:25
Operator : YP\AJ
Sample : N5016-20DL 4X
Misc :
ALS Vial : 37 Sample Multiplier: 1

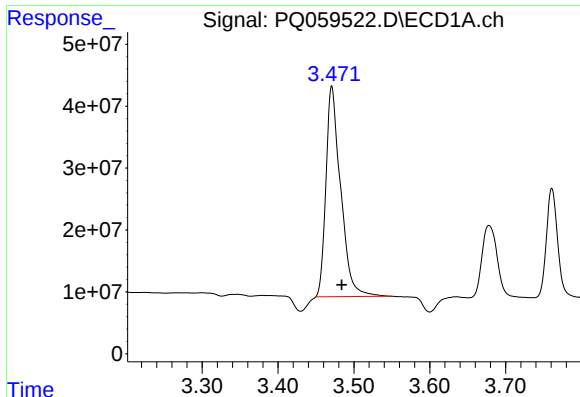
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 08 00:05:51 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
42)	L9 AR-1268-2	0.000	6.644	0	67393	N.D.	0.052 #
43)	L9 AR-1268-3	0.000	6.822	0	190082	N.D.	0.172 #
44)	L9 AR-1268-4	0.000	7.122	0	353996	N.D.	0.782 #
45)	L9 AR-1268-5	8.421	7.388	695599	1625659	0.309	0.455 #

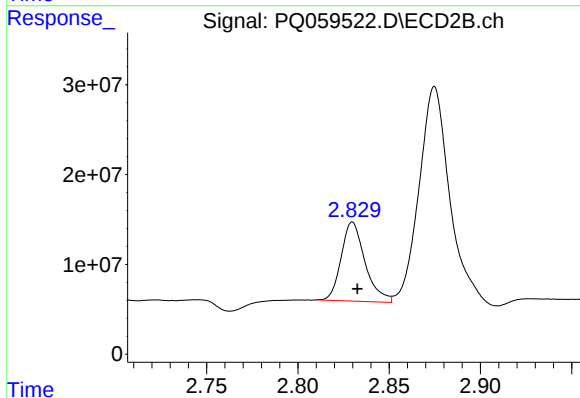
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

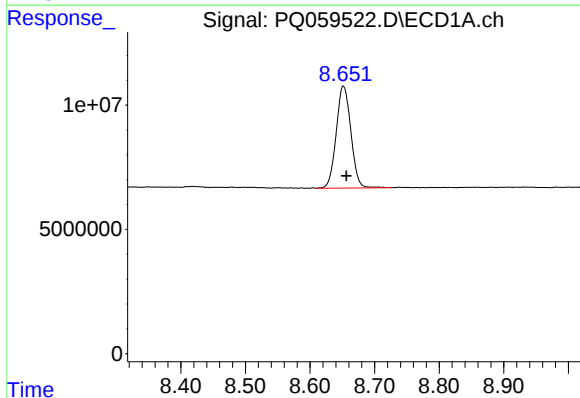
R.T.: 3.471 min
Delta R.T.: -0.013 min
Response: 458096141
Conc: 33.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



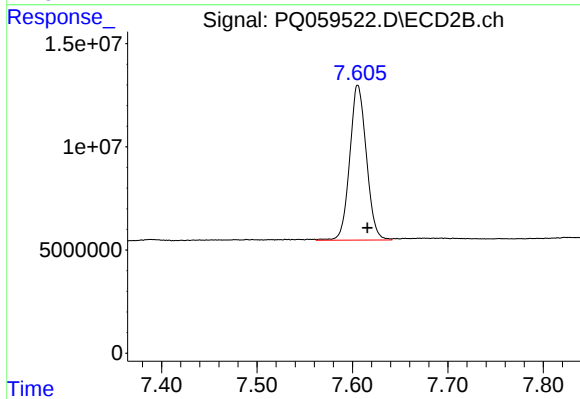
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: -0.003 min
Response: 80341077
Conc: 8.87 ng/ml



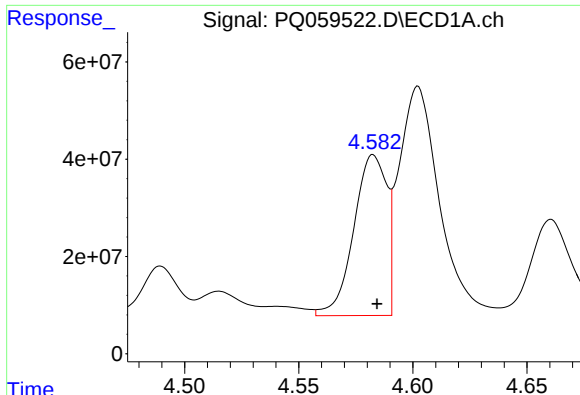
#2 Decachlorobiphenyl

R.T.: 8.652 min
Delta R.T.: -0.005 min
Response: 64681677
Conc: 13.02 ng/ml



#2 Decachlorobiphenyl

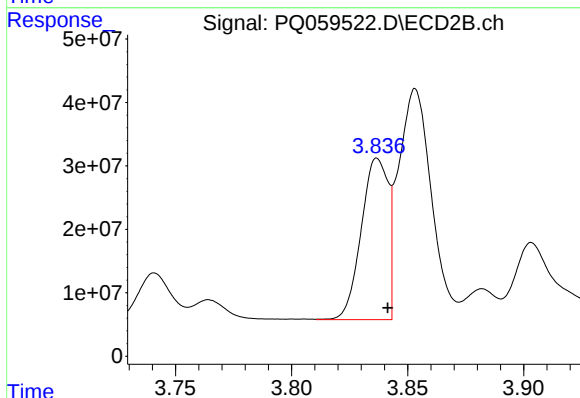
R.T.: 7.606 min
Delta R.T.: -0.010 min
Response: 91189630
Conc: 11.94 ng/ml



#3 AR-1016-1

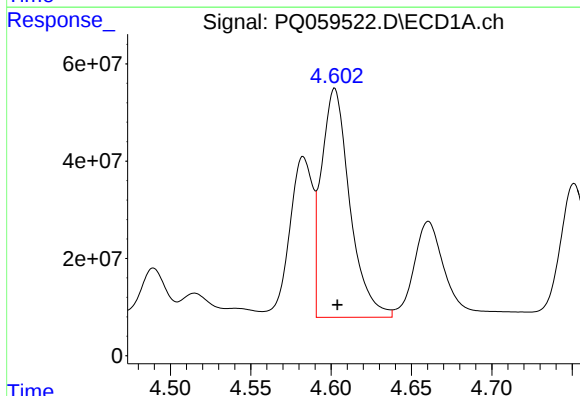
R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 331833283
Conc: 791.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



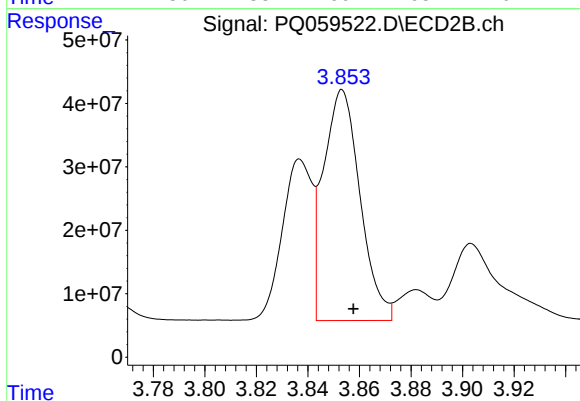
#3 AR-1016-1

R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 204083081
Conc: 723.72 ng/ml



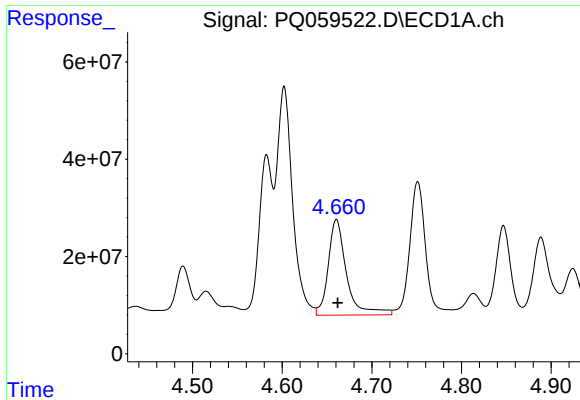
#4 AR-1016-2

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 578347212
Conc: 932.90 ng/ml



#4 AR-1016-2

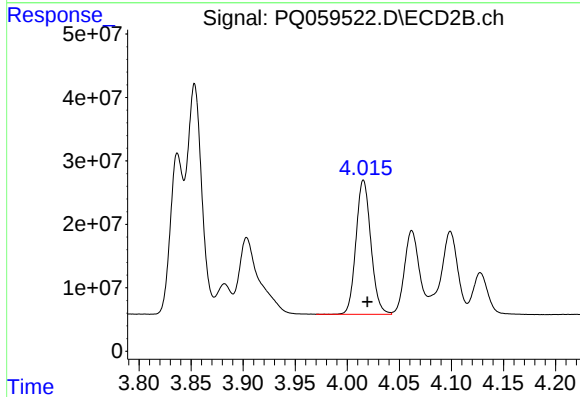
R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 359231659
Conc: 845.76 ng/ml



#5 AR-1016-3

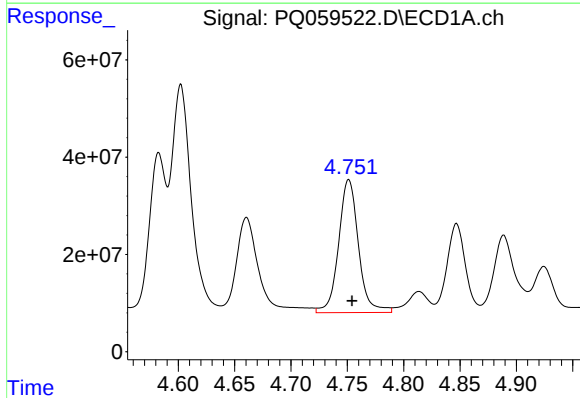
R.T.: 4.661 min
Delta R.T.: -0.002 min
Response: 278601617
Conc: 705.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



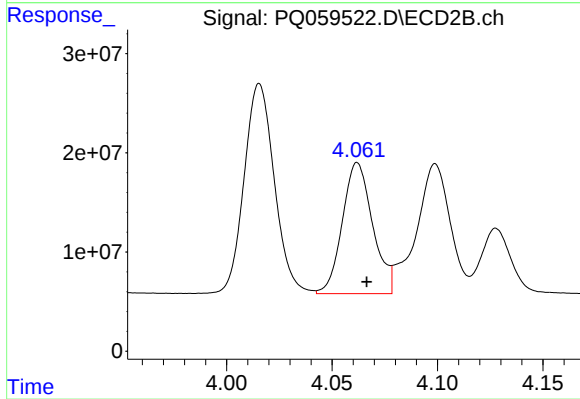
#5 AR-1016-3

R.T.: 4.016 min
Delta R.T.: -0.004 min
Response: 210924003
Conc: 948.33 ng/ml



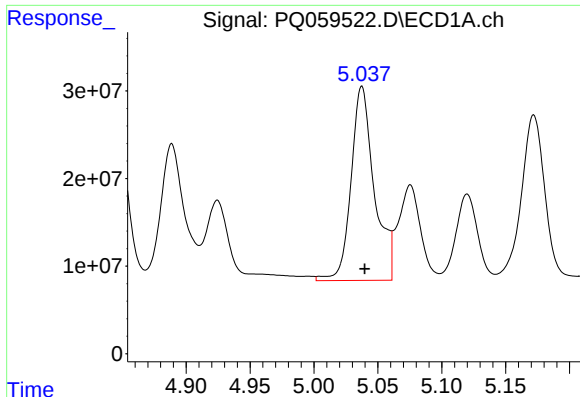
#6 AR-1016-4

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 335813312
Conc: 1019.82 ng/ml



#6 AR-1016-4

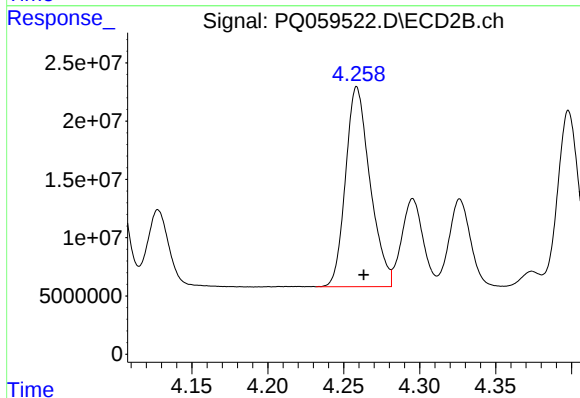
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 132130226
Conc: 772.86 ng/ml



#7 AR-1016-5

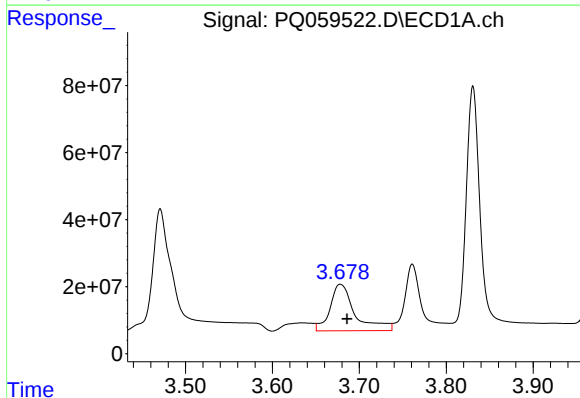
R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 280155436
Conc: 893.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



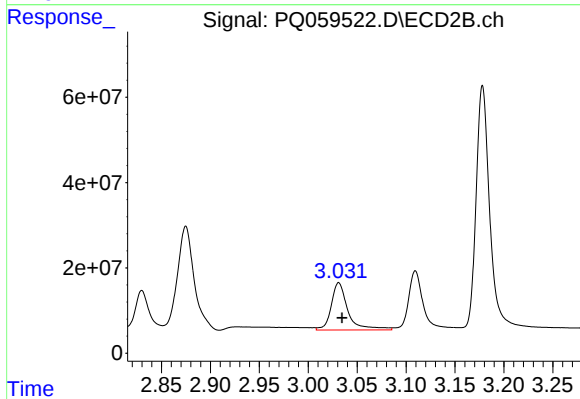
#7 AR-1016-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 192240824
Conc: 853.28 ng/ml



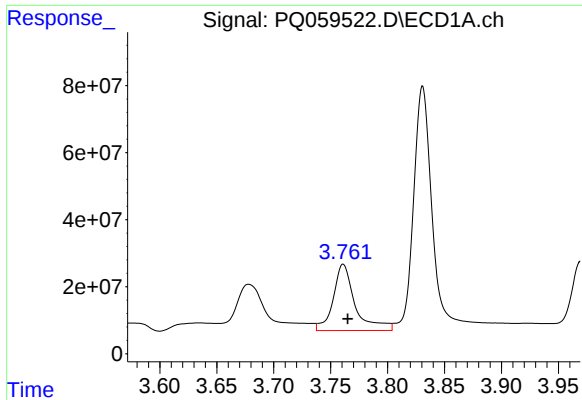
#8 AR-1221-1

R.T.: 3.678 min
Delta R.T.: -0.008 min
Response: 277974686
Conc: 1879.22 ng/ml



#8 AR-1221-1

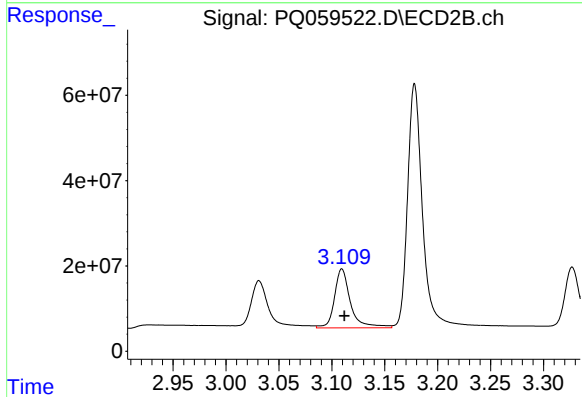
R.T.: 3.031 min
Delta R.T.: -0.003 min
Response: 132496937
Conc: 1333.89 ng/ml



#9 AR-1221-2

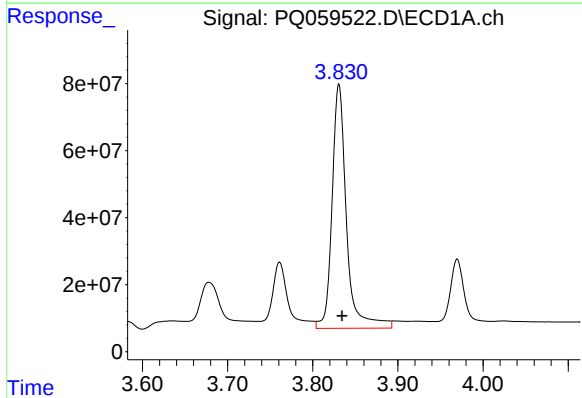
R.T.: 3.761 min
Delta R.T.: -0.004 min
Response: 265785718
Conc: 2568.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



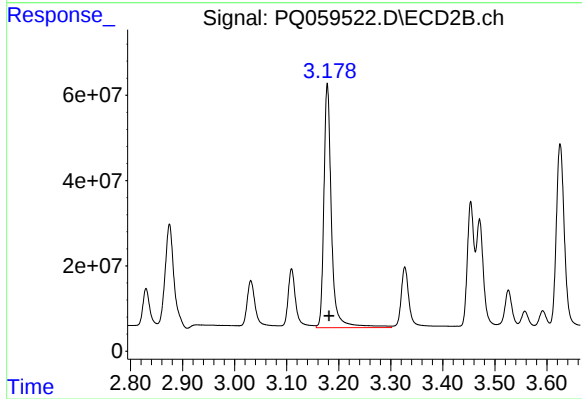
#9 AR-1221-2

R.T.: 3.110 min
Delta R.T.: -0.002 min
Response: 146616307
Conc: 2141.94 ng/ml



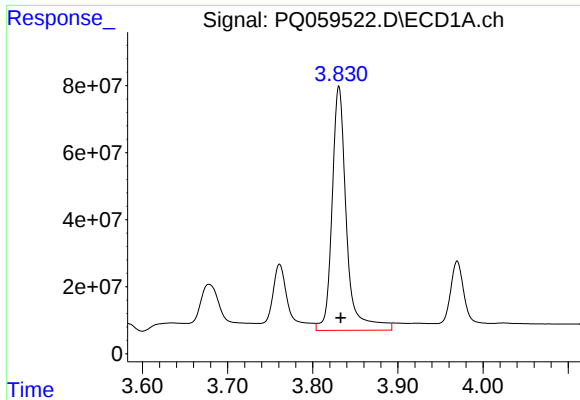
#10 AR-1221-3

R.T.: 3.831 min
Delta R.T.: -0.004 min
Response: 856679990
Conc: 2573.13 ng/ml



#10 AR-1221-3

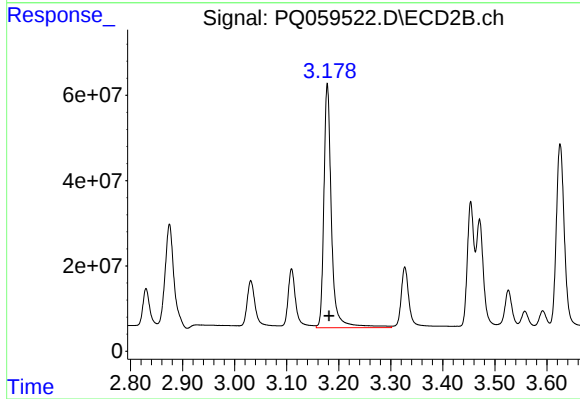
R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 581060483
Conc: 2533.64 ng/ml



#11 AR-1232-1

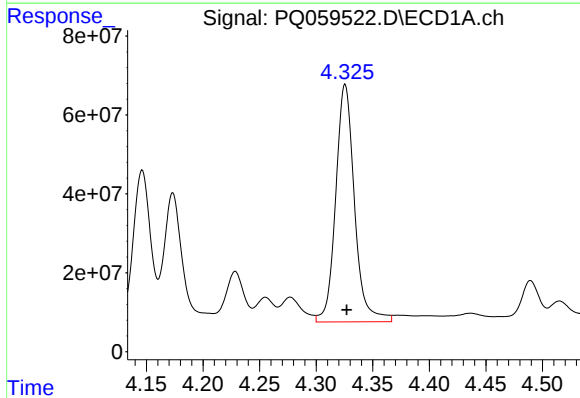
R.T.: 3.831 min
Delta R.T.: -0.002 min
Response: 856679990
Conc: 3044.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



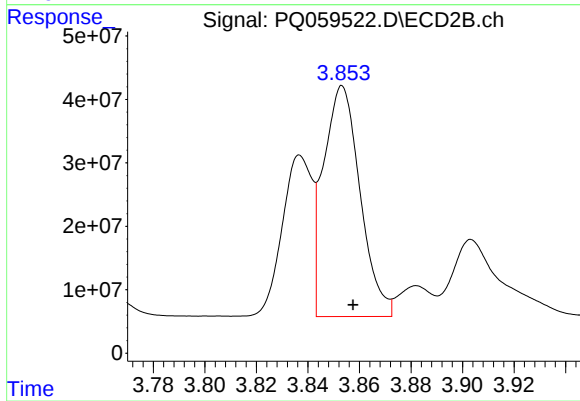
#11 AR-1232-1

R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 581060483
Conc: 3017.64 ng/ml



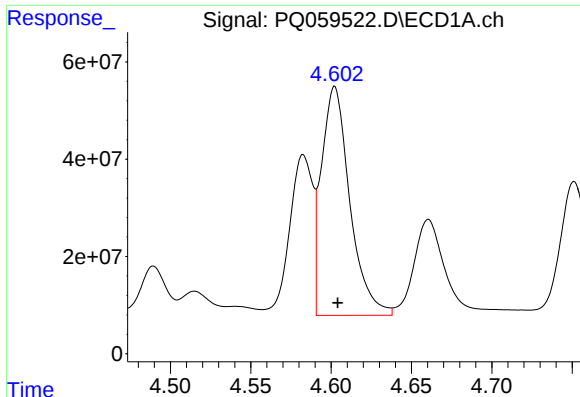
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 696323661
Conc: 4739.67 ng/ml



#12 AR-1232-2

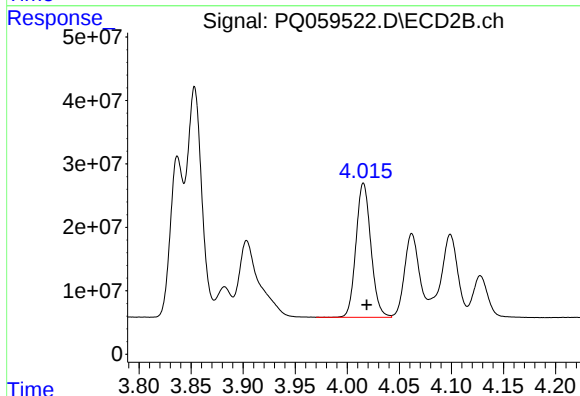
R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 359231659
Conc: 1907.32 ng/ml



#13 AR-1232-3

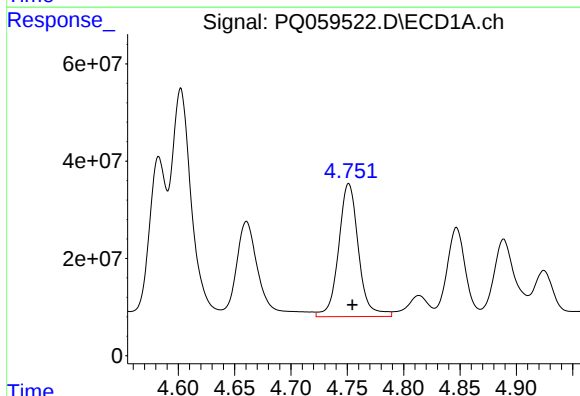
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 578347212
Conc: 2026.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



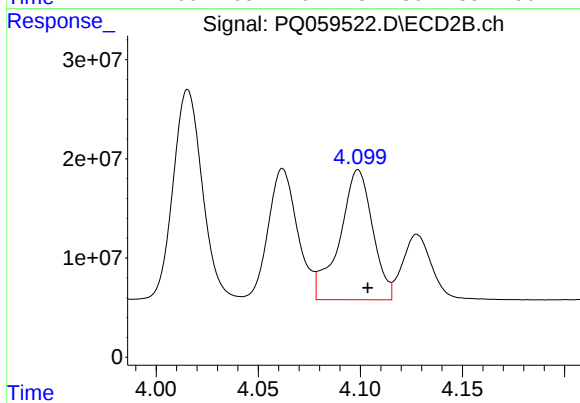
#13 AR-1232-3

R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 210924003
Conc: 2162.94 ng/ml



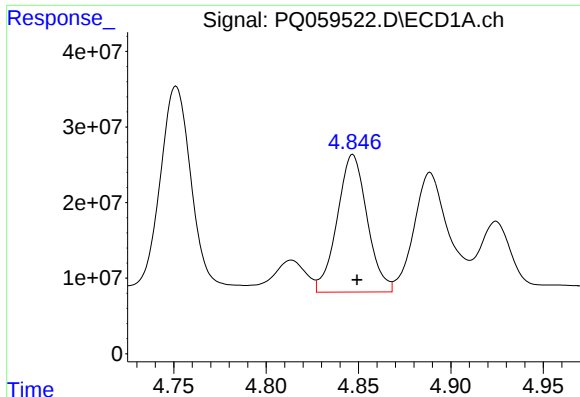
#14 AR-1232-4

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 335813312
Conc: 2244.49 ng/ml



#14 AR-1232-4

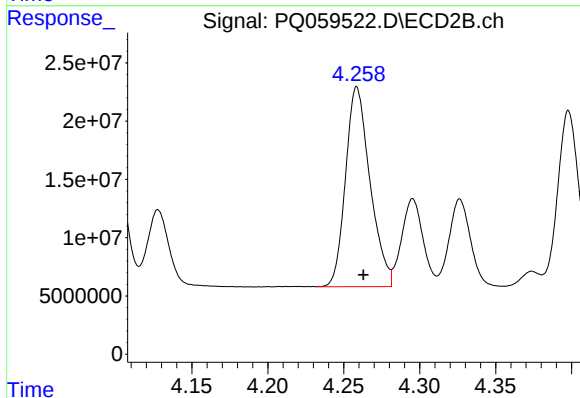
R.T.: 4.099 min
Delta R.T.: -0.005 min
Response: 147436208
Conc: 1806.12 ng/ml



#15 AR-1232-5

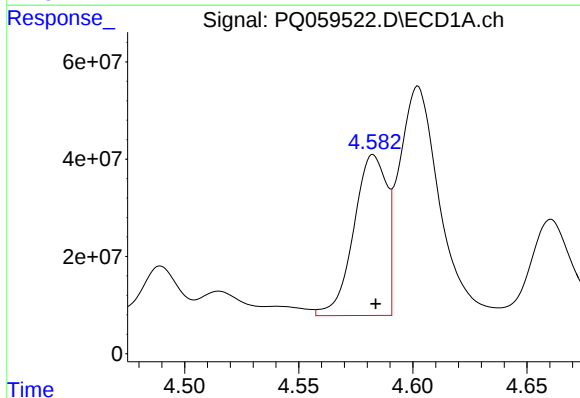
R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 205629021
Conc: 1959.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



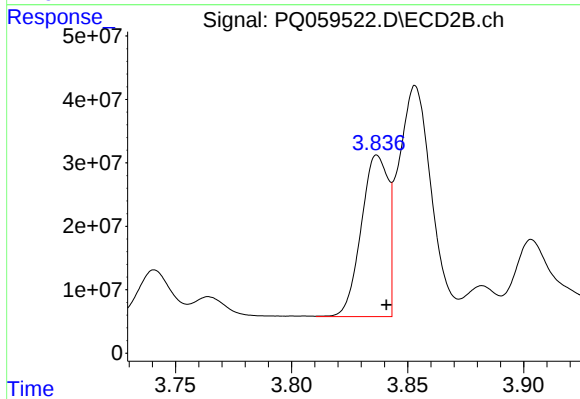
#15 AR-1232-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 192240824
Conc: 2013.30 ng/ml



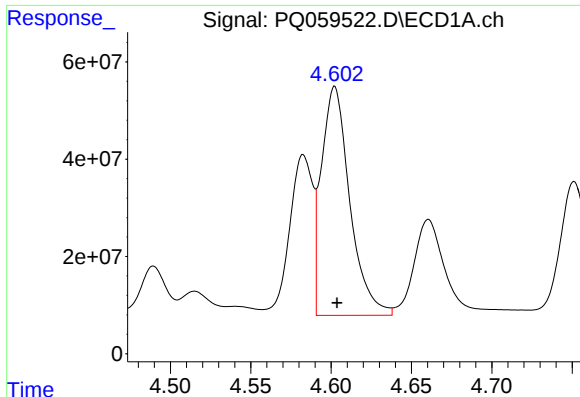
#16 AR-1242-1

R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 331833283
Conc: 952.59 ng/ml



#16 AR-1242-1

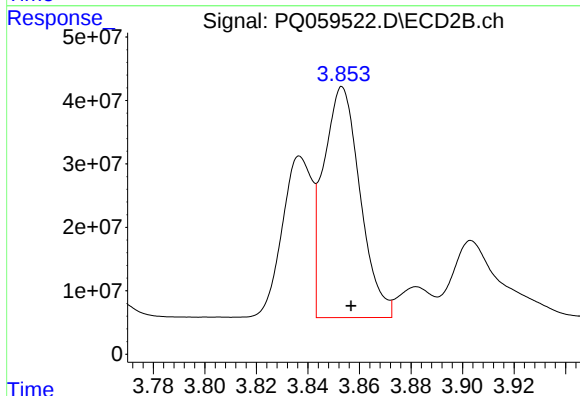
R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 204083081
Conc: 879.49 ng/ml



#17 AR-1242-2

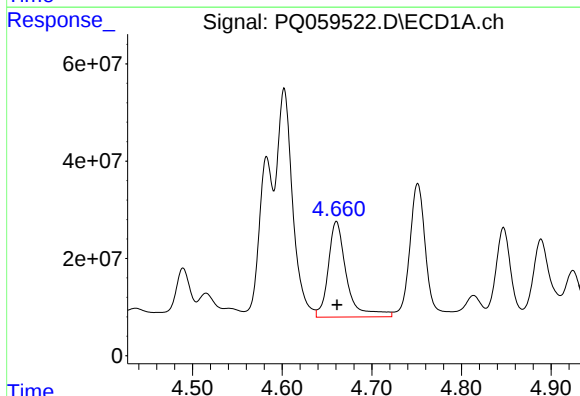
R.T.: 4.602 min
Delta R.T.: -0.001 min
Response: 578347212
Conc: 1130.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



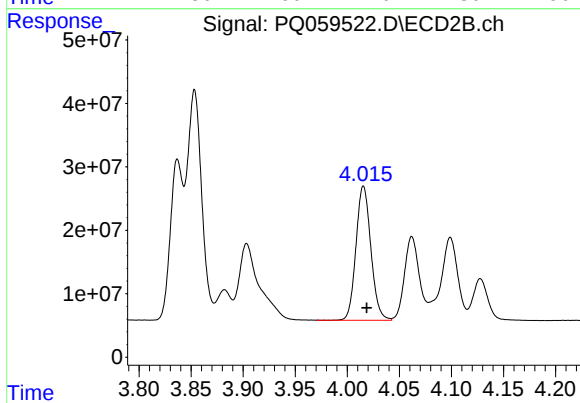
#17 AR-1242-2

R.T.: 3.853 min
Delta R.T.: -0.003 min
Response: 359231659
Conc: 1030.52 ng/ml



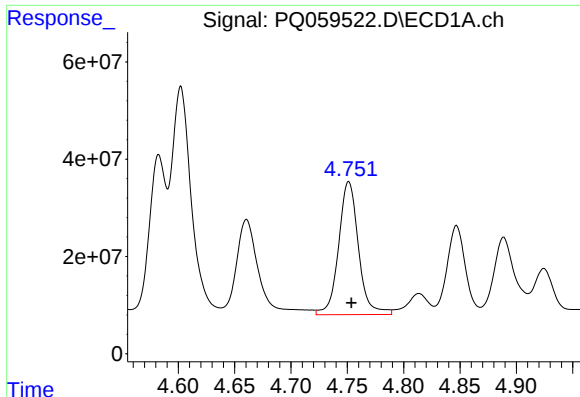
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 278601617
Conc: 861.52 ng/ml



#18 AR-1242-3

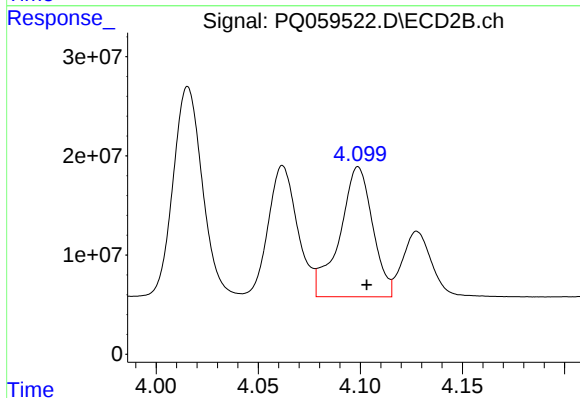
R.T.: 4.016 min
Delta R.T.: -0.003 min
Response: 210924003
Conc: 1154.30 ng/ml



#19 AR-1242-4

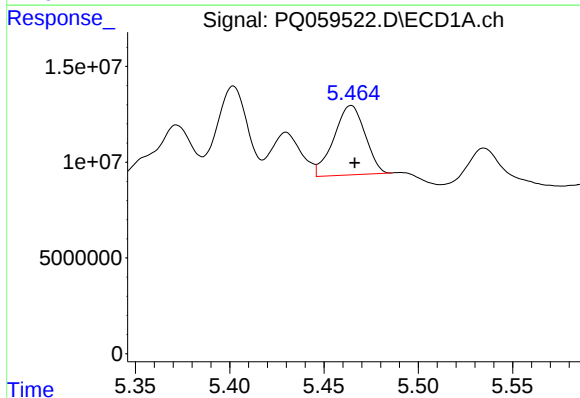
R.T.: 4.751 min
Delta R.T.: -0.002 min
Response: 335813312
Conc: 1246.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



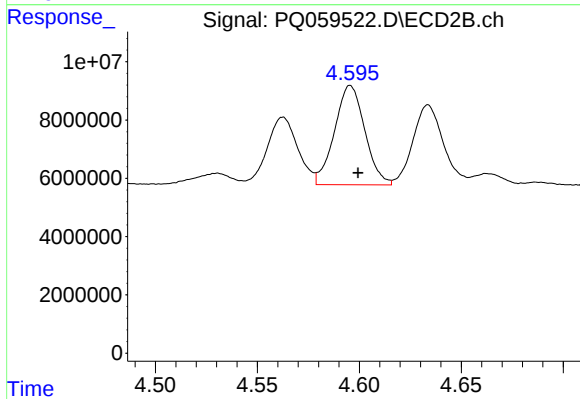
#19 AR-1242-4

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 147436208
Conc: 874.09 ng/ml



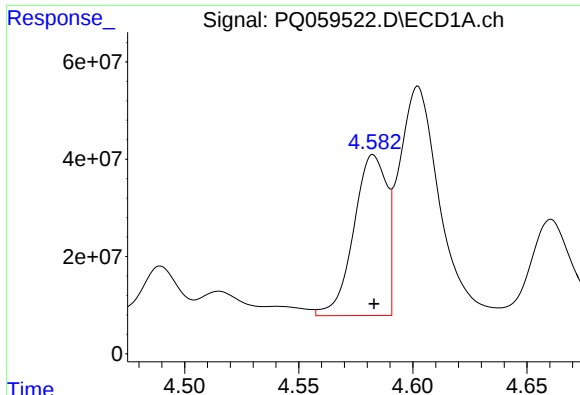
#20 AR-1242-5

R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 41747762
Conc: 155.34 ng/ml



#20 AR-1242-5

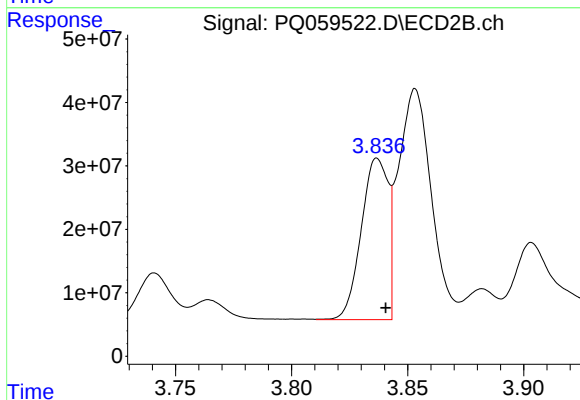
R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 35322280
Conc: 159.68 ng/ml



#21 AR-1248-1

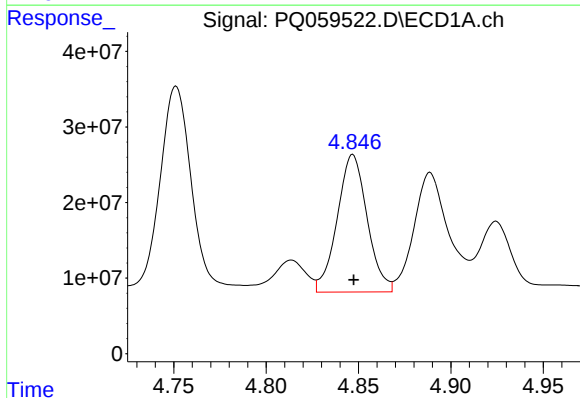
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 331833283
Conc: 1251.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



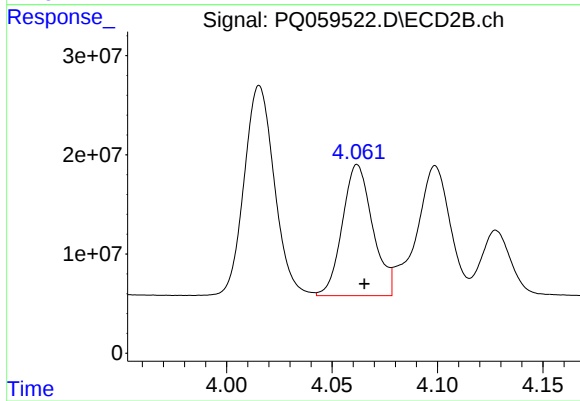
#21 AR-1248-1

R.T.: 3.837 min
Delta R.T.: -0.004 min
Response: 204083081
Conc: 1147.93 ng/ml



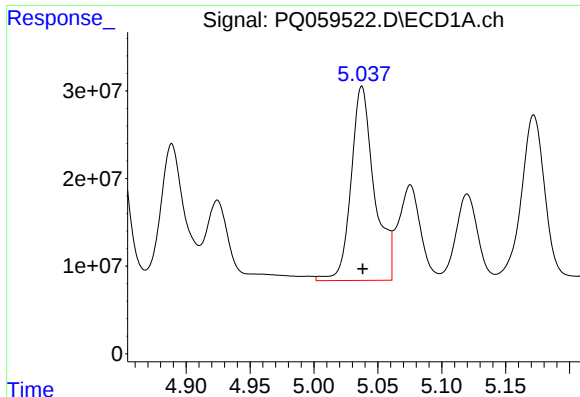
#22 AR-1248-2

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 205629021
Conc: 576.78 ng/ml



#22 AR-1248-2

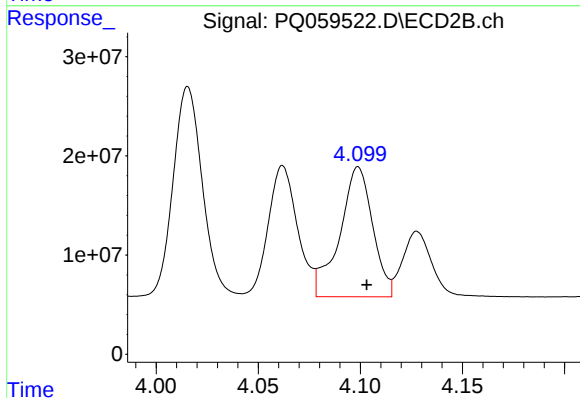
R.T.: 4.062 min
Delta R.T.: -0.003 min
Response: 132130226
Conc: 523.38 ng/ml



#23 AR-1248-3

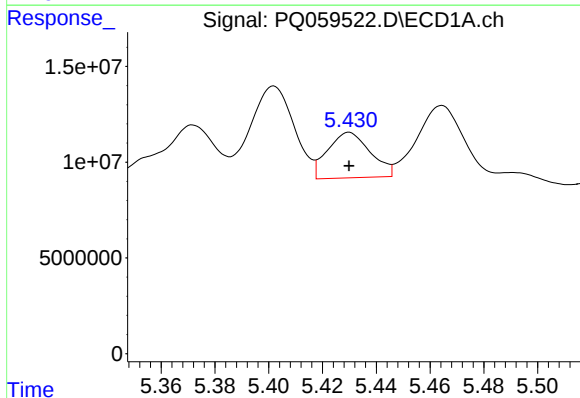
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 280155436
Conc: 652.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



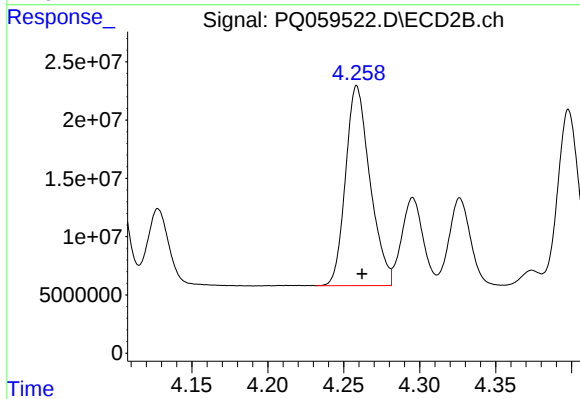
#23 AR-1248-3

R.T.: 4.099 min
Delta R.T.: -0.004 min
Response: 147436208
Conc: 583.96 ng/ml



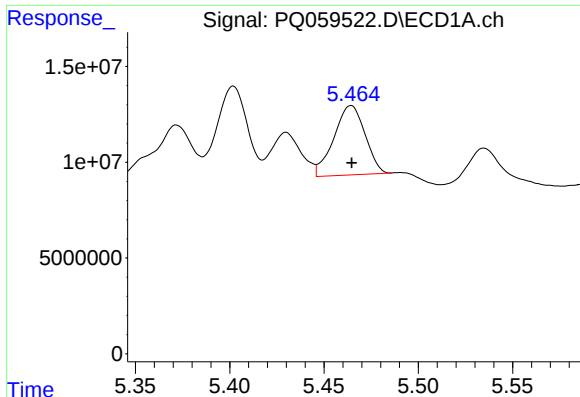
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 26147157
Conc: 56.25 ng/ml



#24 AR-1248-4

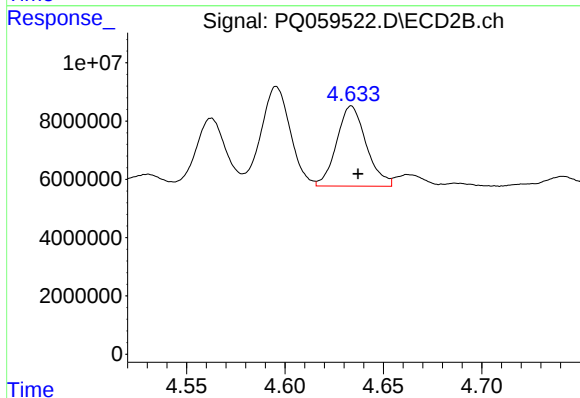
R.T.: 4.259 min
Delta R.T.: -0.003 min
Response: 192240824
Conc: 615.48 ng/ml



#25 AR-1248-5

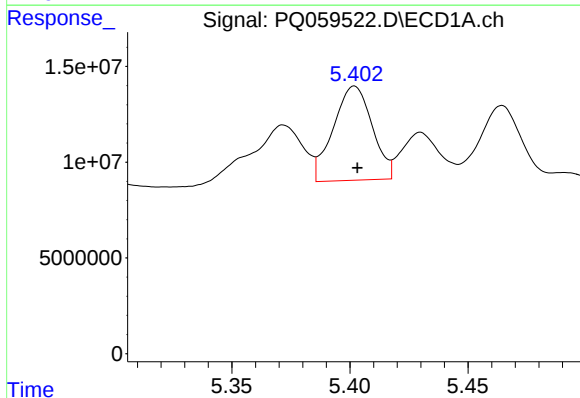
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 41747762
Conc: 90.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



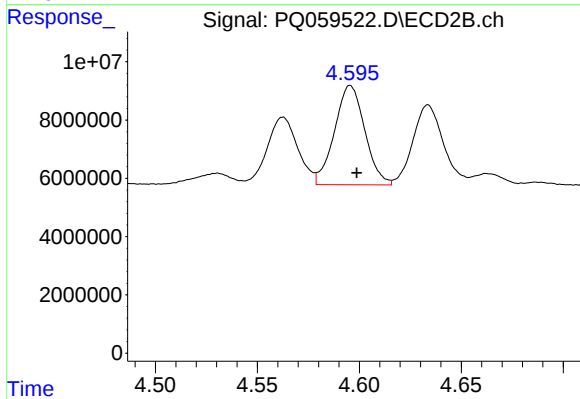
#25 AR-1248-5

R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 28813509
Conc: 91.70 ng/ml



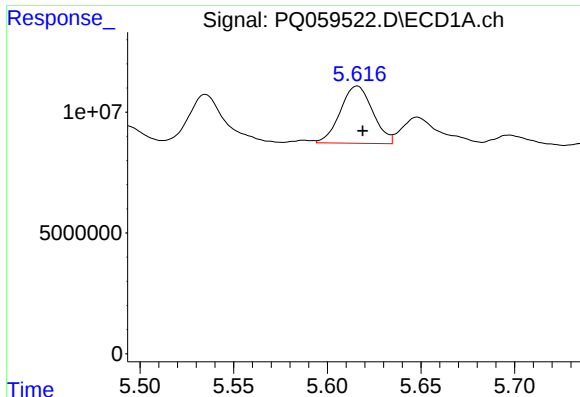
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: -0.001 min
Response: 56579808
Conc: 117.98 ng/ml



#26 AR-1254-1

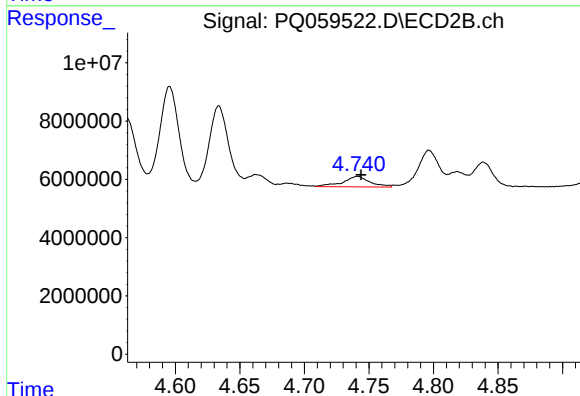
R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 35322280
Conc: 72.25 ng/ml



#27 AR-1254-2

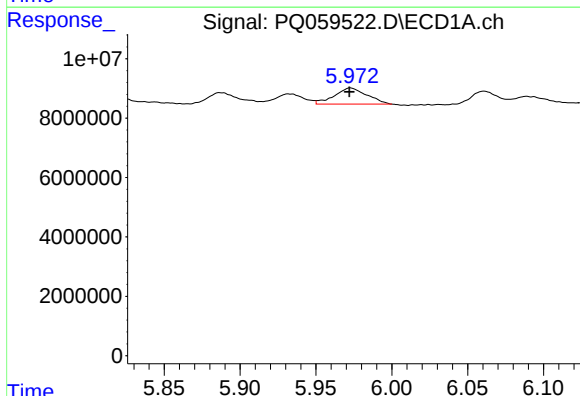
R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 28578524
Conc: 38.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



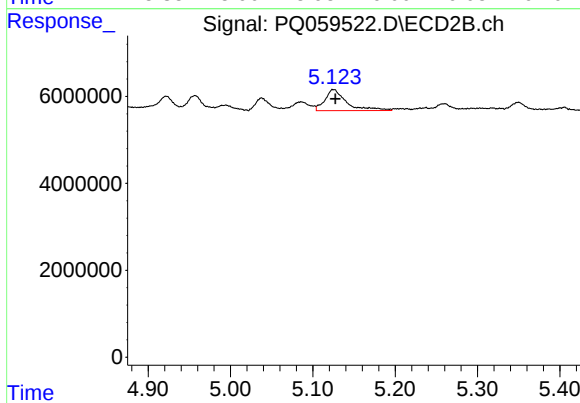
#27 AR-1254-2

R.T.: 4.741 min
Delta R.T.: -0.003 min
Response: 5340675
Conc: 12.33 ng/ml



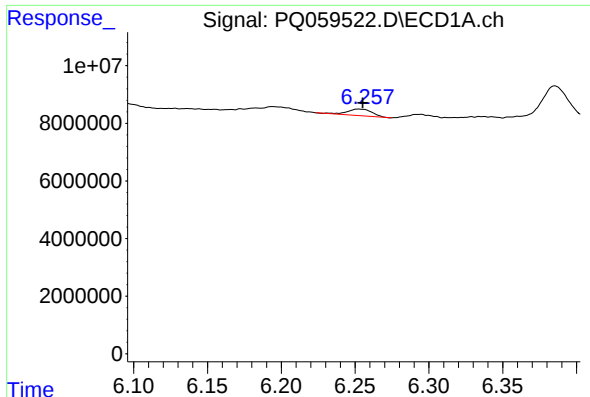
#28 AR-1254-3

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 7938510
Conc: 10.15 ng/ml



#28 AR-1254-3

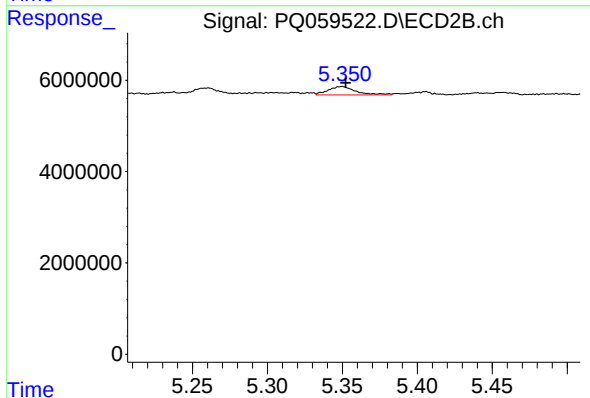
R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 8901458
Conc: 12.85 ng/ml



#29 AR-1254-4

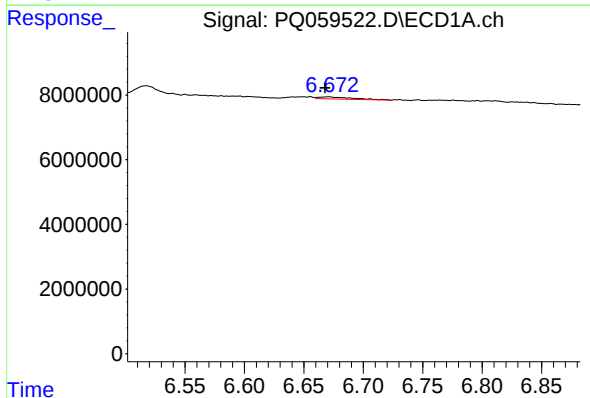
R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 2674788
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



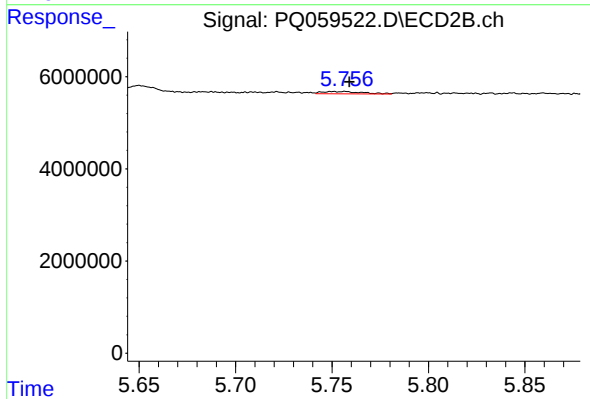
#29 AR-1254-4

R.T.: 5.350 min
Delta R.T.: -0.003 min
Response: 2377566
Conc: 5.52 ng/ml



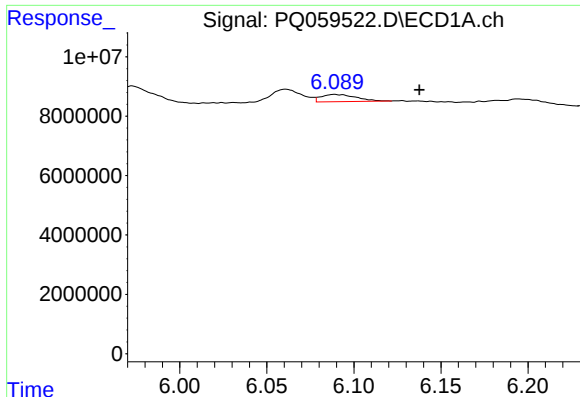
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: 0.003 min
Response: 1276429
Conc: 2.15 ng/ml



#30 AR-1254-5

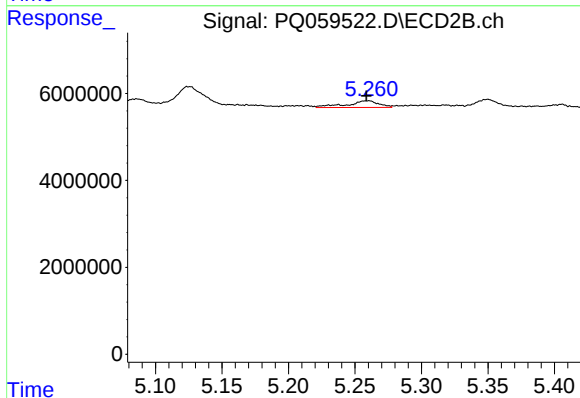
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 713069
Conc: 1.15 ng/ml



#31 AR-1260-1

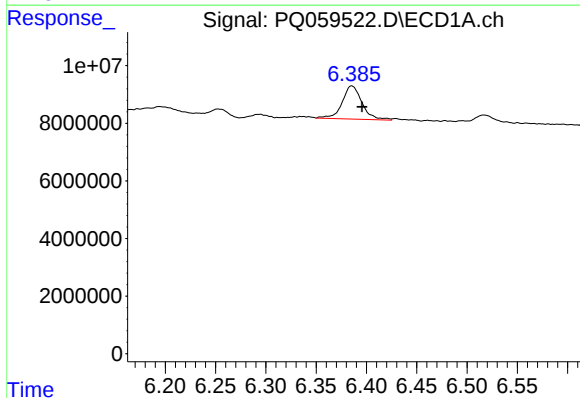
R.T.: 6.089 min
Delta R.T.: -0.049 min
Response: 3373610
Conc: 6.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



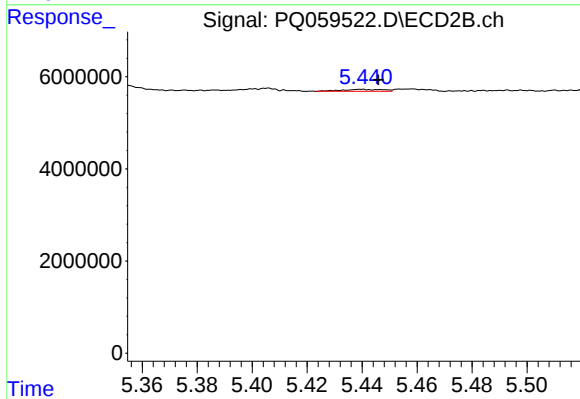
#31 AR-1260-1

R.T.: 5.260 min
Delta R.T.: 0.002 min
Response: 2603058
Conc: 5.78 ng/ml



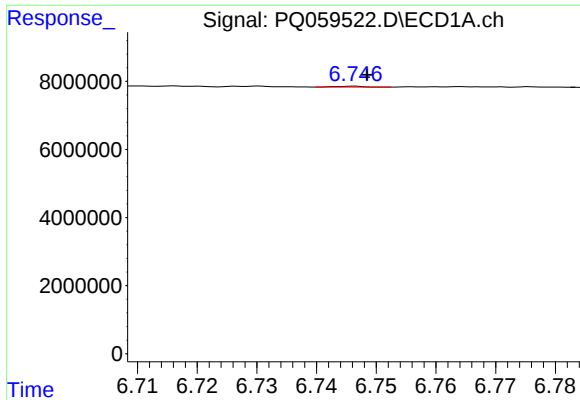
#32 AR-1260-2

R.T.: 6.385 min
Delta R.T.: -0.010 min
Response: 15816422
Conc: 24.77 ng/ml



#32 AR-1260-2

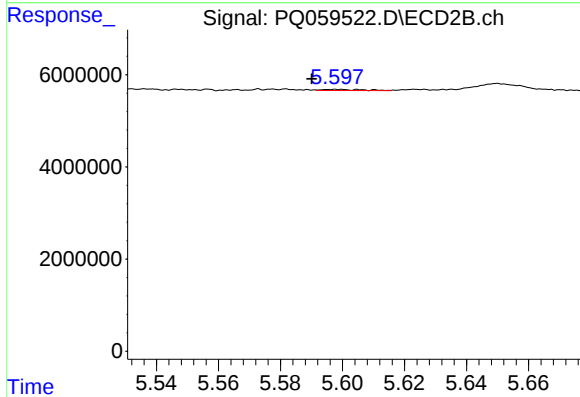
R.T.: 5.440 min
Delta R.T.: -0.006 min
Response: 451696
Conc: 0.82 ng/ml



#33 AR-1260-3

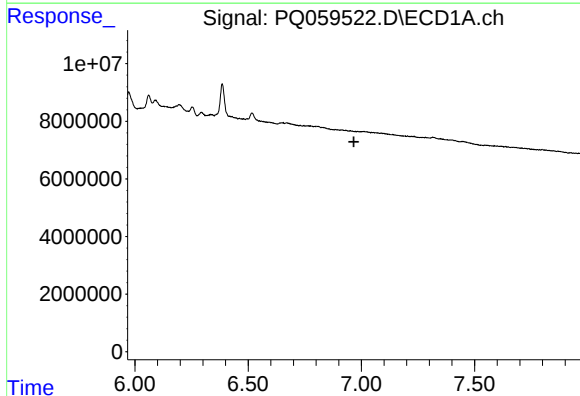
R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 79498
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



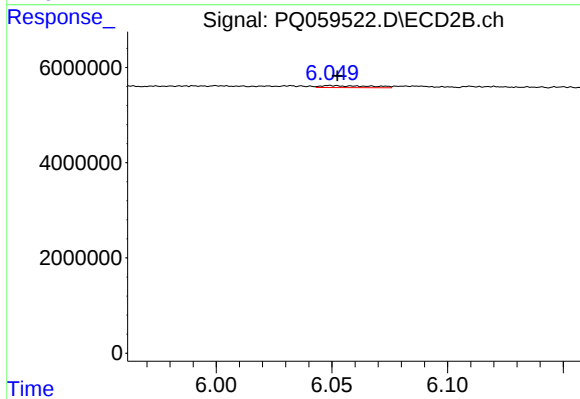
#33 AR-1260-3

R.T.: 5.598 min
Delta R.T.: 0.008 min
Response: 246599
Conc: 0.48 ng/ml



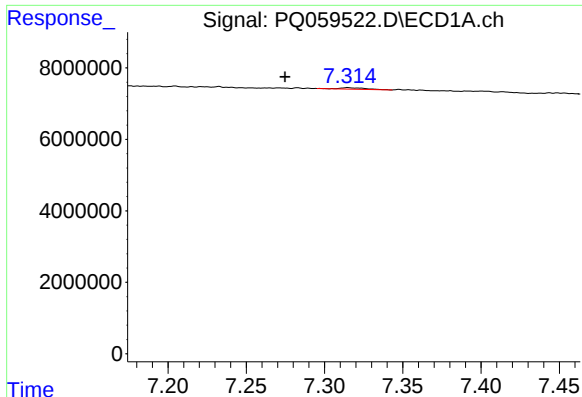
#34 AR-1260-4

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



#34 AR-1260-4

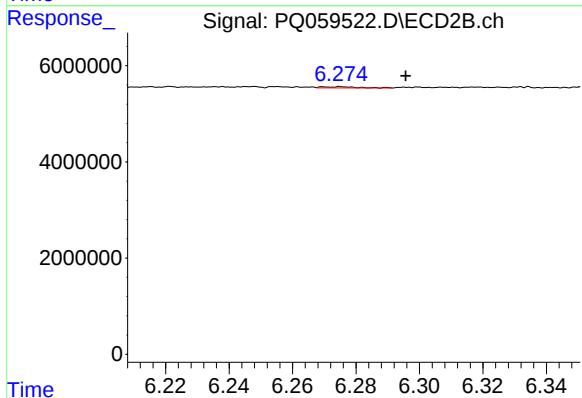
R.T.: 6.050 min
Delta R.T.: -0.003 min
Response: 643721
Conc: 1.46 ng/ml



#35 AR-1260-5

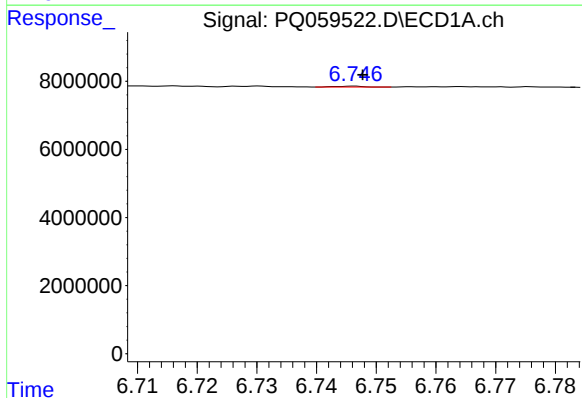
R.T.: 7.315 min
Delta R.T.: 0.040 min
Response: 490256
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



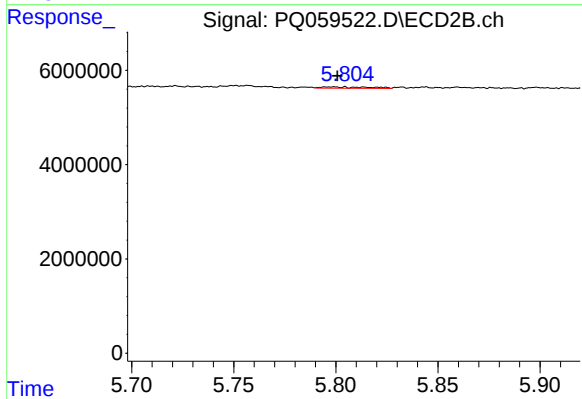
#35 AR-1260-5

R.T.: 6.275 min
Delta R.T.: -0.020 min
Response: 187929
Conc: 0.18 ng/ml



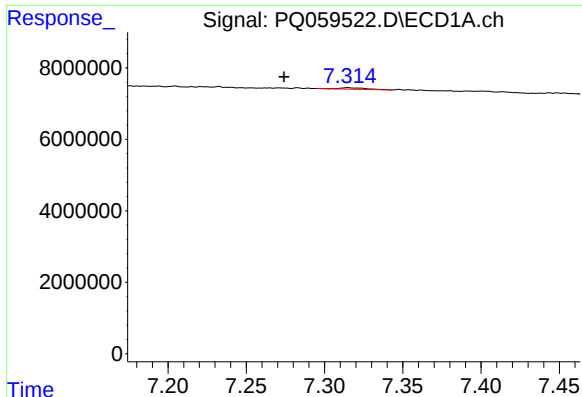
#36 AR-1262-1

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 79498
Conc: 0.11 ng/ml



#36 AR-1262-1

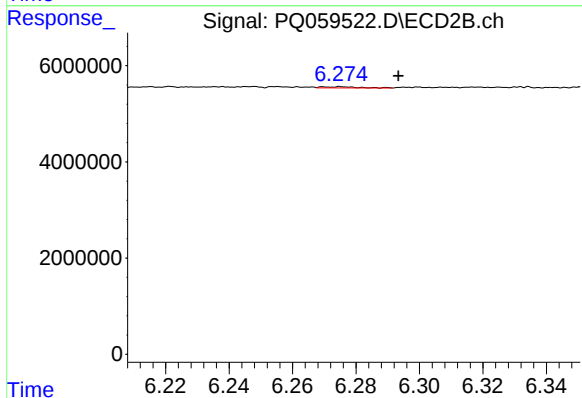
R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 488891
Conc: 0.77 ng/ml



#37 AR-1262-2

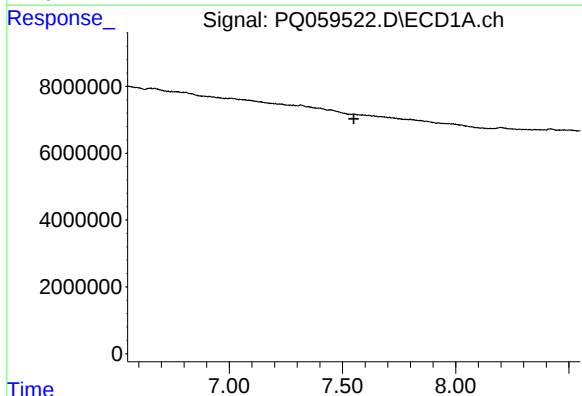
R.T.: 7.315 min
Delta R.T.: 0.041 min
Response: 490256
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



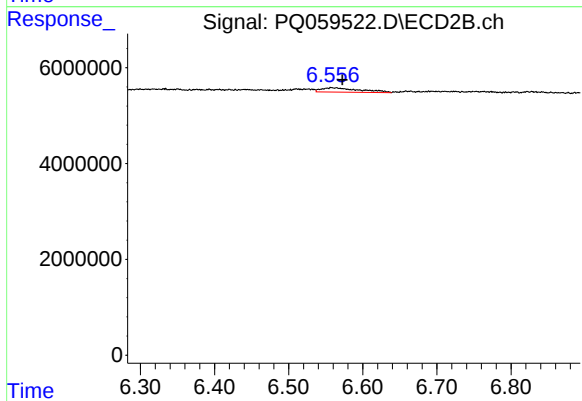
#37 AR-1262-2

R.T.: 6.275 min
Delta R.T.: -0.018 min
Response: 187929
Conc: 0.16 ng/ml



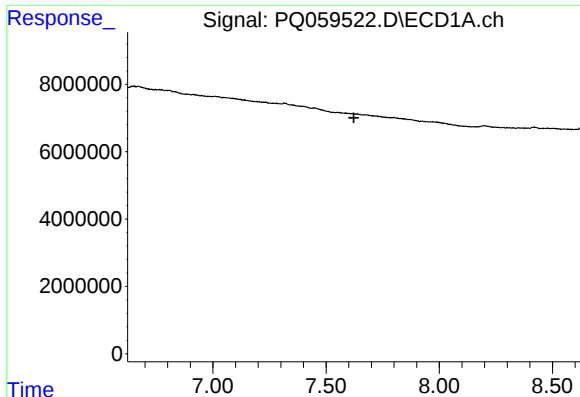
#38 AR-1262-3

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



#38 AR-1262-3

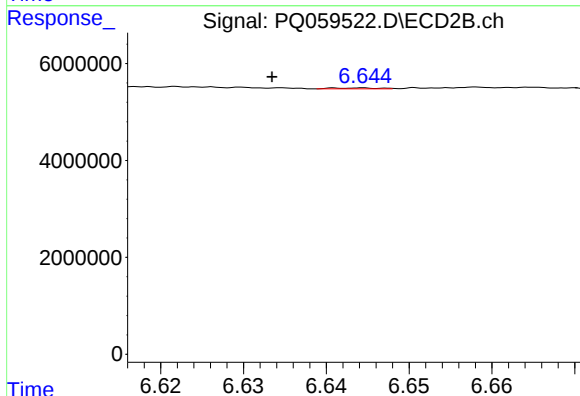
R.T.: 6.558 min
Delta R.T.: -0.015 min
Response: 3230762
Conc: 7.02 ng/ml



#39 AR-1262-4

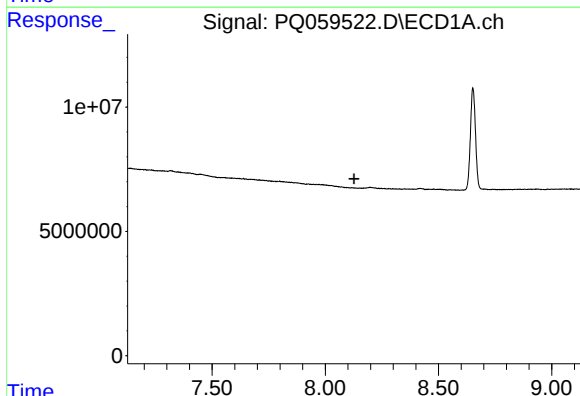
R.T.: 0.000 min
Exp R.T.: 7.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



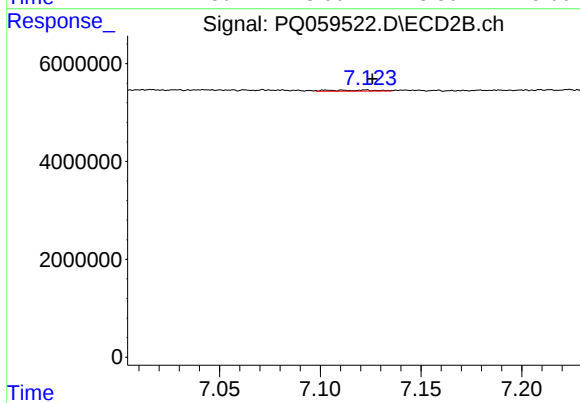
#39 AR-1262-4

R.T.: 6.644 min
Delta R.T.: 0.011 min
Response: 67393
Conc: 0.08 ng/ml



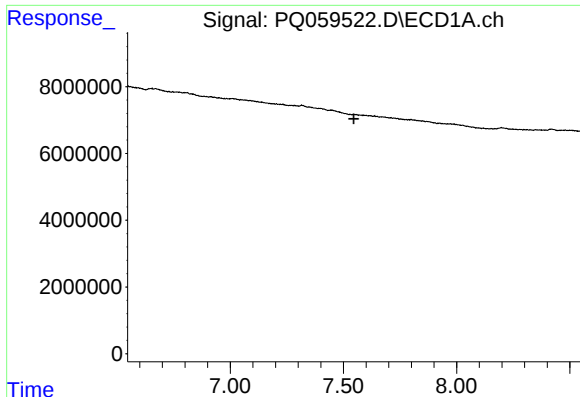
#40 AR-1262-5

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



#40 AR-1262-5

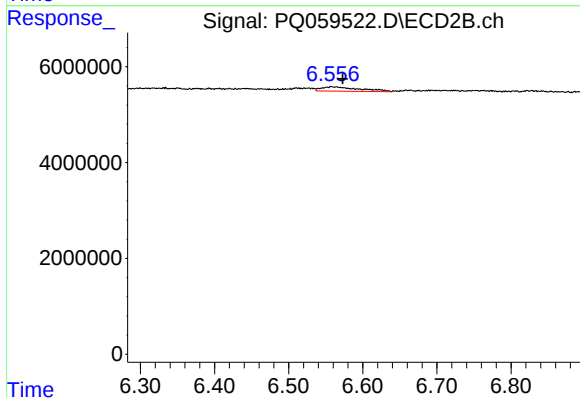
R.T.: 7.122 min
Delta R.T.: -0.003 min
Response: 353996
Conc: 0.89 ng/ml



#41 AR-1268-1

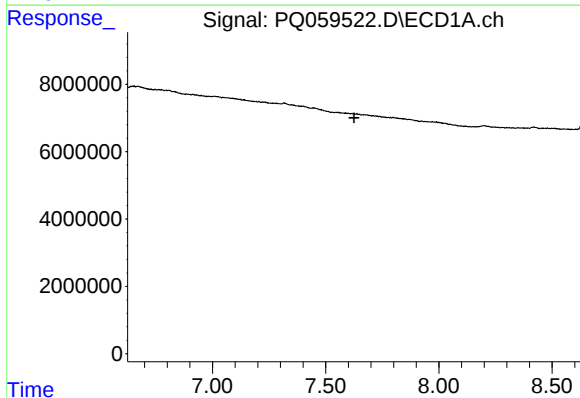
R.T.: 0.000 min
Exp R.T.: 7.546 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



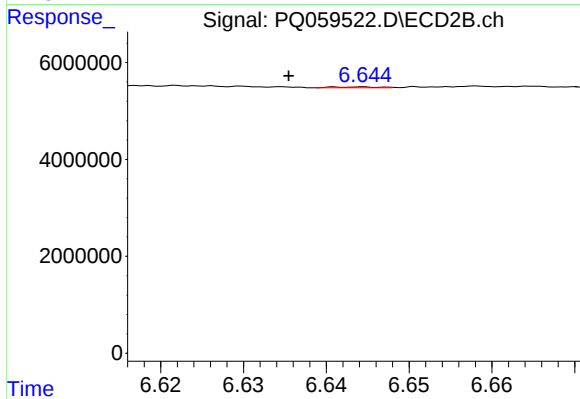
#41 AR-1268-1

R.T.: 6.558 min
Delta R.T.: -0.015 min
Response: 3230762
Conc: 2.30 ng/ml



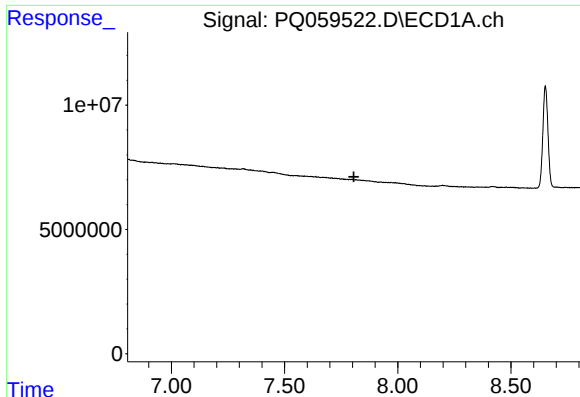
#42 AR-1268-2

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



#42 AR-1268-2

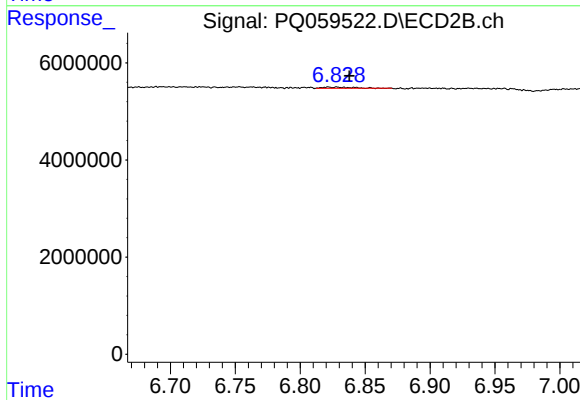
R.T.: 6.644 min
Delta R.T.: 0.009 min
Response: 67393
Conc: 0.05 ng/ml



#43 AR-1268-3

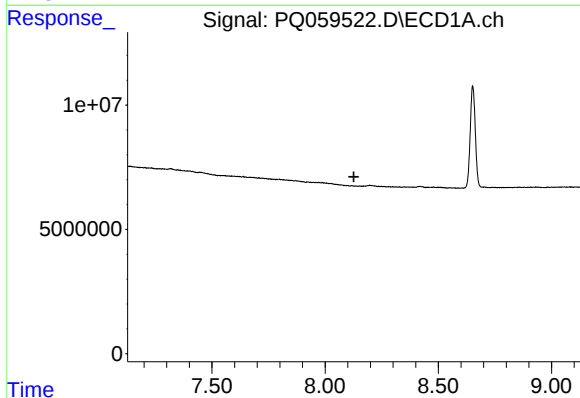
R.T.: 0.000 min
Exp R.T.: 7.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



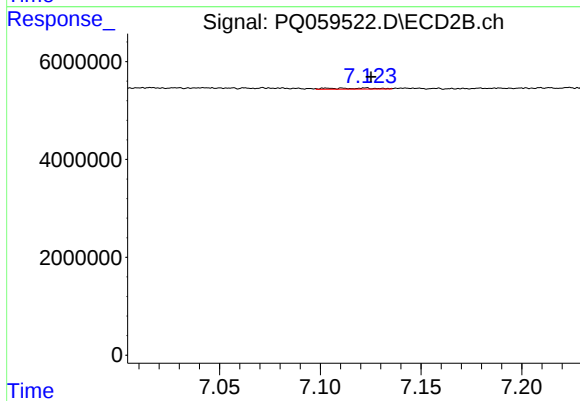
#43 AR-1268-3

R.T.: 6.822 min
Delta R.T.: -0.016 min
Response: 190082
Conc: 0.17 ng/ml



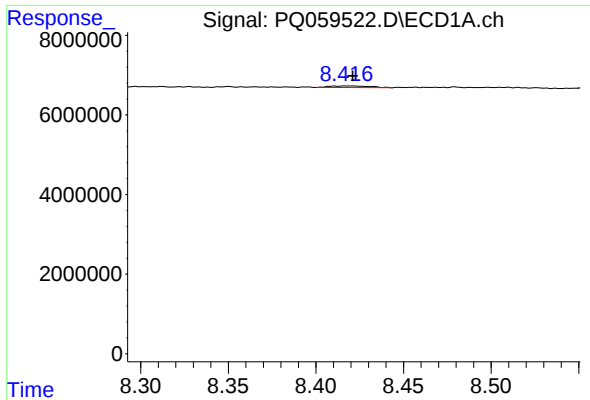
#44 AR-1268-4

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



#44 AR-1268-4

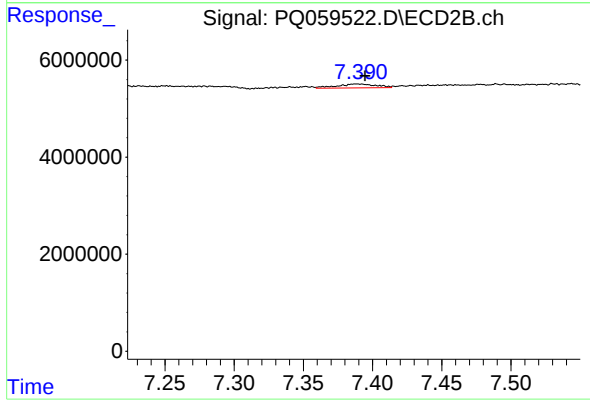
R.T.: 7.122 min
Delta R.T.: -0.003 min
Response: 353996
Conc: 0.78 ng/ml



#45 AR-1268-5

R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 695599
Conc: 0.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 1625659
Conc: 0.45 ng/ml