

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042822\
 Data File : PQ057203.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2022 09:36
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:09:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 26 08:09:43 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...	4.532	3.742	442.7E6	252.7E6	21.080	21.231
2)	SA Decachlor...	10.302	8.671	755.0E6	415.6E6	36.731	40.319
Target Compounds							
3)	L1 AR-1016-1	5.708	4.808	153.2E6	114.2E6	314.113	321.973
4)	L1 AR-1016-2	5.731	4.827	315.9E6	210.6E6	333.681	338.560
5)	L1 AR-1016-3	5.792	4.999	209.8E6	94043816	332.763	330.206
6)	L1 AR-1016-4	5.893	5.036	166.3E6	76608688	335.099	330.792
7)	L1 AR-1016-5	6.180	5.247	140.1E6	105.3E6	322.944	355.259
8)	L2 AR-1221-1	4.743	3.951	22290193	11767882	98.791	92.108
9)	L2 AR-1221-2	4.833	4.036	27837752	15685382	176.042	173.891
10)	L2 AR-1221-3	4.912	4.110	123.0E6	69618668	224.729	221.839
11)	L3 AR-1232-1	4.912	4.110	123.0E6	69618668	232.633	229.212
12)	L3 AR-1232-2	5.437	4.827	168.8E6	210.6E6	581.931	669.850
13)	L3 AR-1232-3	5.731	4.999	315.9E6	94043816	592.079	679.907
14)	L3 AR-1232-4	5.893	5.078	166.3E6	95523194	583.856	744.304 #
15)	L3 AR-1232-5	5.975	5.247	112.0E6	105.3E6	562.902	705.447 #
16)	L4 AR-1242-1	5.708	4.808	153.2E6	114.2E6	379.543	385.048
17)	L4 AR-1242-2	5.731	4.827	315.9E6	210.6E6	389.802	396.358
18)	L4 AR-1242-3	5.792	4.999	209.8E6	94043816	396.054	391.453
19)	L4 AR-1242-4	5.893	5.078	166.3E6	95523194	395.214	399.799
20)	L4 AR-1242-5	6.626	5.594	170.4E6	127.8E6	406.757	404.156
21)	L5 AR-1248-1	5.708	4.808	153.2E6	114.2E6	477.164	478.944
22)	L5 AR-1248-2	5.975	5.036	112.0E6	76608688	213.616	214.068
23)	L5 AR-1248-3	6.180	5.078	140.1E6	95523194	220.853	252.432
24)	L5 AR-1248-4	6.587	5.247	142.8E6	105.3E6	208.246	230.899
25)	L5 AR-1248-5	6.626	5.637	170.4E6	131.5E6	231.376	274.862
26)	L6 AR-1254-1	6.558	5.594	98748783	127.8E6	152.990	176.695
27)	L6 AR-1254-2	6.784	5.737	139.4E6	35779336	138.307	58.425 #
28)	L6 AR-1254-3	7.143	6.136	82900622	38504783	69.029	37.683 #
29)	L6 AR-1254-4	7.430	6.363	69197324	29873026	83.767	39.538 #
30)	L6 AR-1254-5	7.845	6.772	24692445	9138124	27.590	10.109 #
31)	L7 AR-1260-1	7.271	6.278	73437055	21597350	107.372	39.428 #
32)	L7 AR-1260-2	7.554	6.448	46040046	4627492	56.844	6.863 #
33)	L7 AR-1260-3	7.845	6.597	24692445	5405765	25.363	8.504 #
34)	L7 AR-1260-4	8.142	7.069	42783117	544794	54.948	1.029 #
35)	L7 AR-1260-5	8.475	7.286	8714441	4205560	5.409	3.196 #
36)	L8 AR-1262-1	7.910	6.772	15129258	9138124	14.880	19.859 #
37)	L8 AR-1262-2	8.475	7.286	8714441	4205560	4.223	2.426 #
38)	L8 AR-1262-3	8.807	7.583	2453503	1193214	2.664	1.735 #
39)	L8 AR-1262-4	8.878	7.648	571112	2582574	0.693	2.042 #
40)	L8 AR-1262-5	9.541	8.142	1430419	585553	1.684	1.062 #
41)	L9 AR-1268-1	8.807	7.583	2453503	1193214	0.984	0.604 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042822\
Data File : PQ057203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2022 09:36
Operator : YP\AJ
Sample : AR1242CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

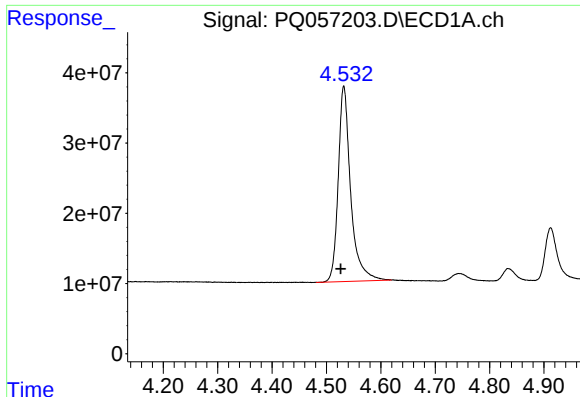
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:09:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042522CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 26 08:09:43 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	8.878	7.648	571112	2582574	0.213	1.435 #
43)	L9 AR-1268-3	9.104	7.850	1790555	1829024	0.782	1.299 #
44)	L9 AR-1268-4	9.541	8.142	1430419	585553	1.502	0.973 #
45)	L9 AR-1268-5	9.970	8.425	5895848	2312430	0.710	0.488 #

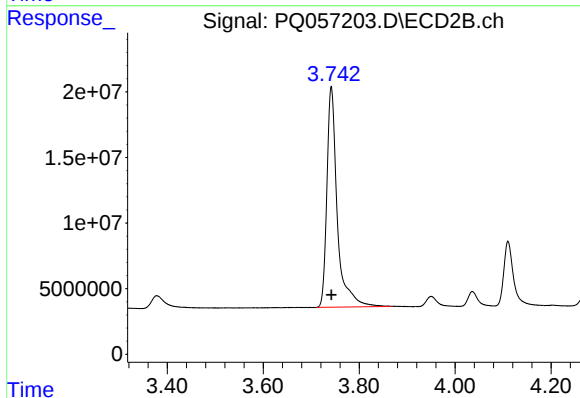
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

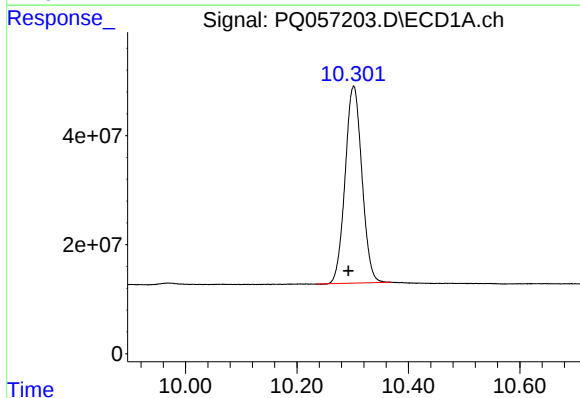
R.T.: 4.532 min
Delta R.T.: 0.006 min
Response: 442681477
Conc: 21.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



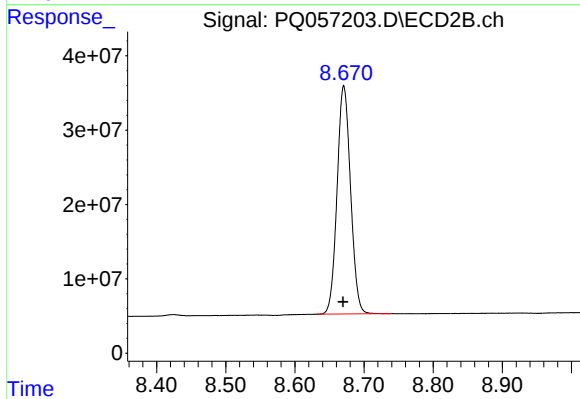
#1 Tetrachloro-m-xylene

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 252666326
Conc: 21.23 ng/ml



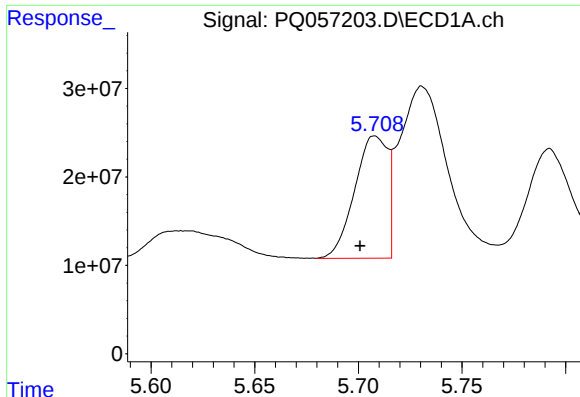
#2 Decachlorobiphenyl

R.T.: 10.302 min
Delta R.T.: 0.010 min
Response: 755006535
Conc: 36.73 ng/ml



#2 Decachlorobiphenyl

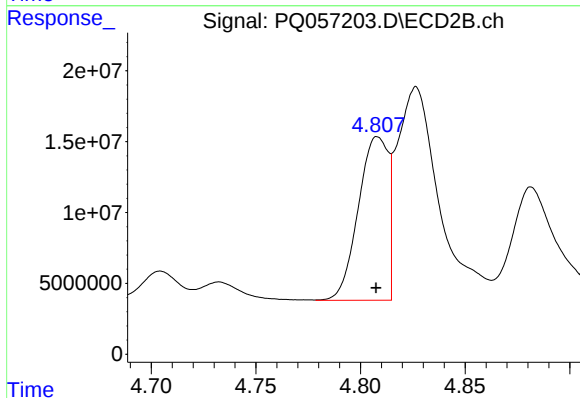
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 415559071
Conc: 40.32 ng/ml



#3 AR-1016-1

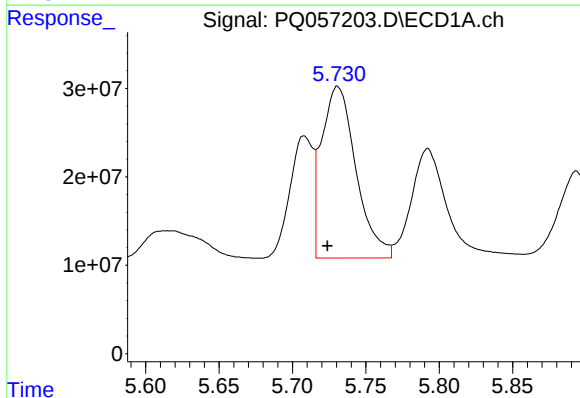
R.T.: 5.708 min
Delta R.T.: 0.007 min
Response: 153200840
Conc: 314.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



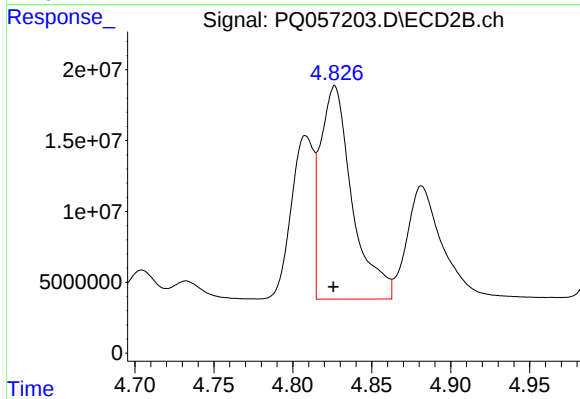
#3 AR-1016-1

R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 114163919
Conc: 321.97 ng/ml



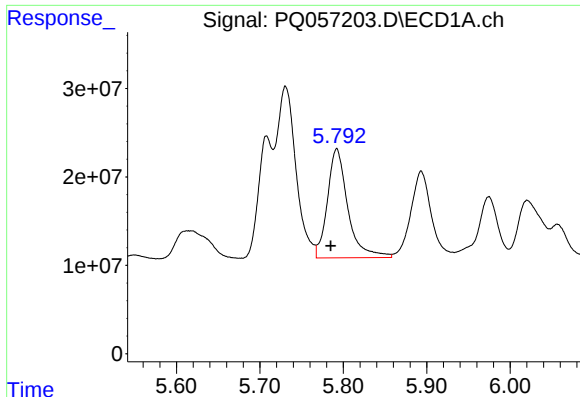
#4 AR-1016-2

R.T.: 5.731 min
Delta R.T.: 0.007 min
Response: 315866896
Conc: 333.68 ng/ml



#4 AR-1016-2

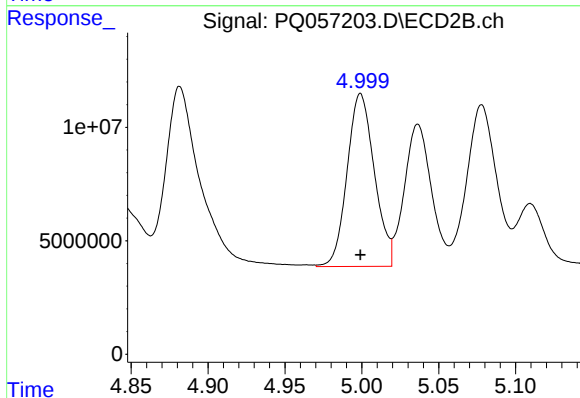
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 210588147
Conc: 338.56 ng/ml



#5 AR-1016-3

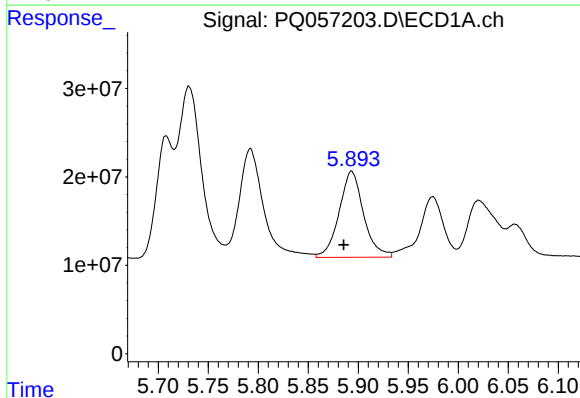
R.T.: 5.792 min
Delta R.T.: 0.007 min
Response: 209824884
Conc: 332.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



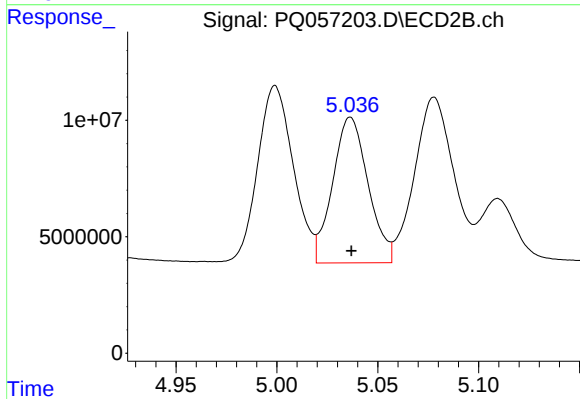
#5 AR-1016-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 94043816
Conc: 330.21 ng/ml



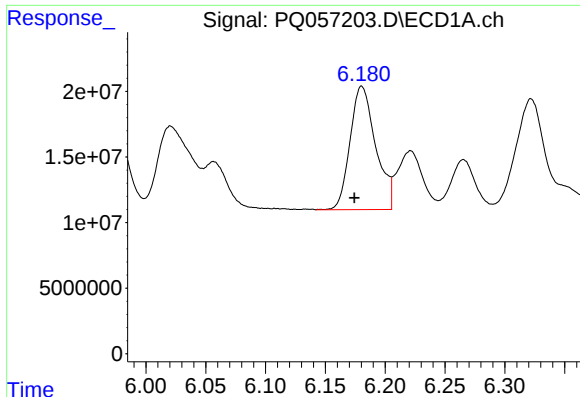
#6 AR-1016-4

R.T.: 5.893 min
Delta R.T.: 0.008 min
Response: 166276671
Conc: 335.10 ng/ml



#6 AR-1016-4

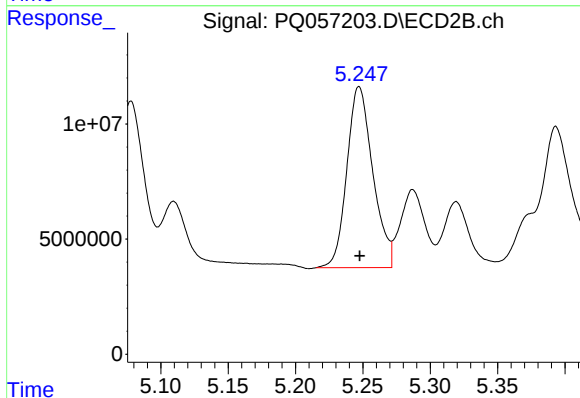
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 76608688
Conc: 330.79 ng/ml



#7 AR-1016-5

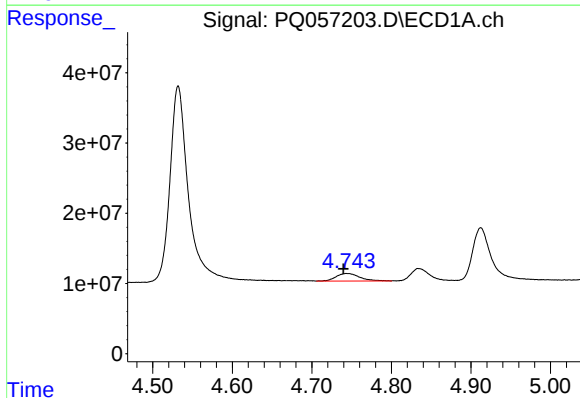
R.T.: 6.180 min
Delta R.T.: 0.006 min
Response: 140082838
Conc: 322.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



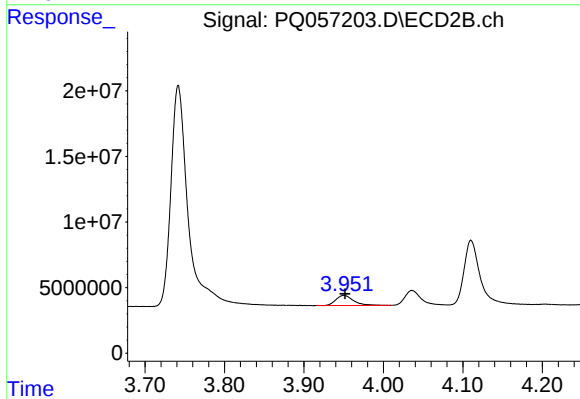
#7 AR-1016-5

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 105282605
Conc: 355.26 ng/ml



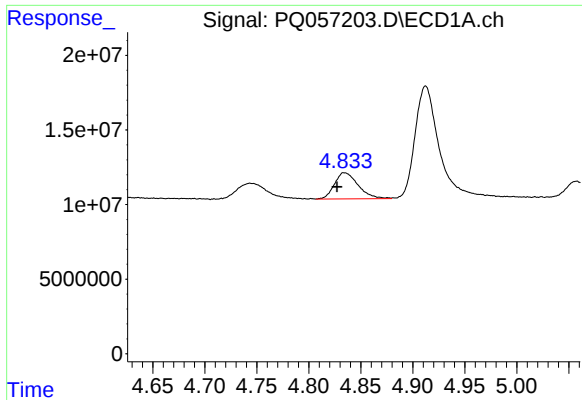
#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: 0.004 min
Response: 22290193
Conc: 98.79 ng/ml



#8 AR-1221-1

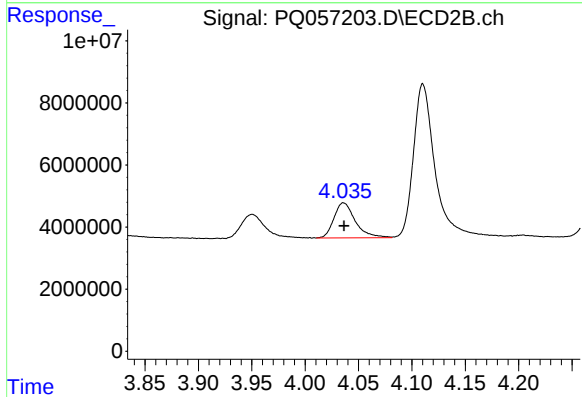
R.T.: 3.951 min
Delta R.T.: -0.001 min
Response: 11767882
Conc: 92.11 ng/ml



#9 AR-1221-2

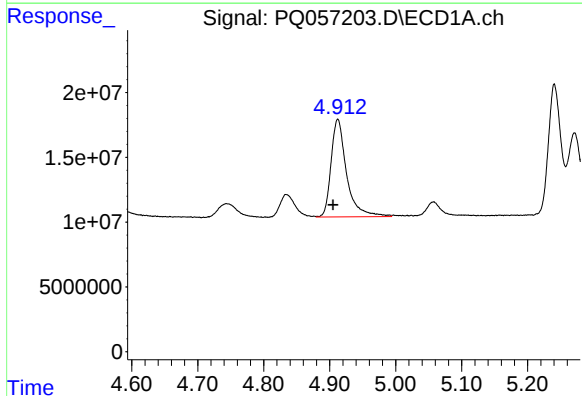
R.T.: 4.833 min
Delta R.T.: 0.006 min
Response: 27837752
Conc: 176.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



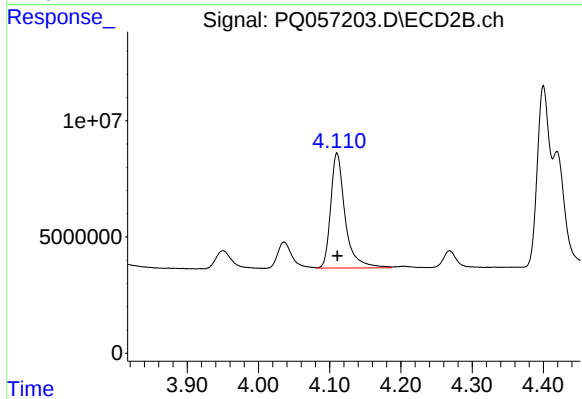
#9 AR-1221-2

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 15685382
Conc: 173.89 ng/ml



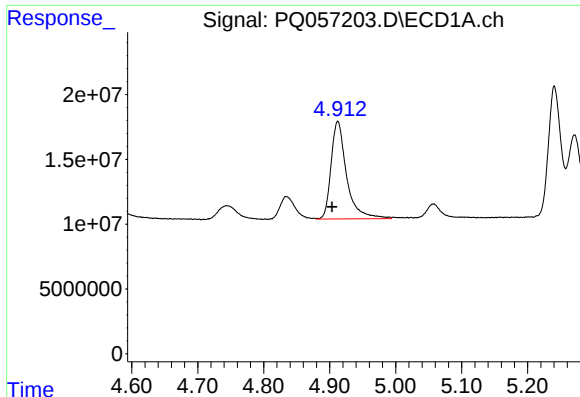
#10 AR-1221-3

R.T.: 4.912 min
Delta R.T.: 0.007 min
Response: 123017407
Conc: 224.73 ng/ml



#10 AR-1221-3

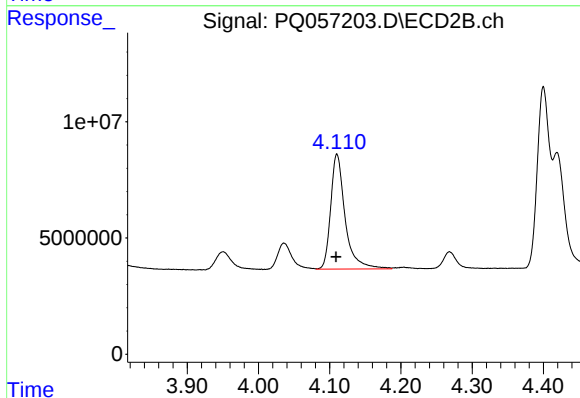
R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 69618668
Conc: 221.84 ng/ml



#11 AR-1232-1

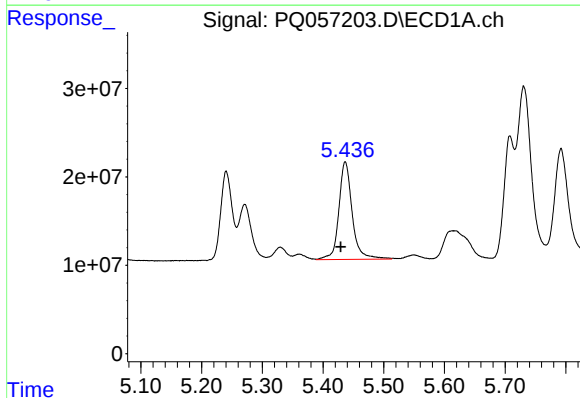
R.T.: 4.912 min
Delta R.T.: 0.009 min
Response: 123017407
Conc: 232.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



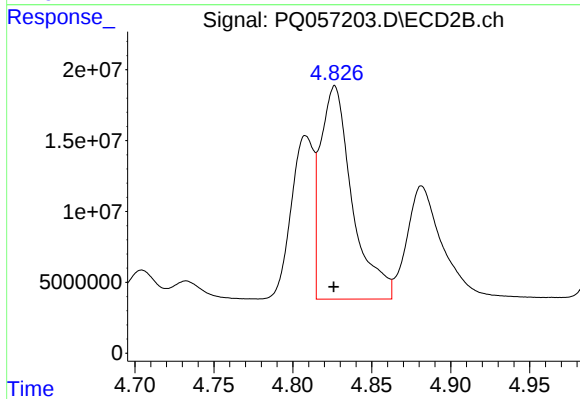
#11 AR-1232-1

R.T.: 4.110 min
Delta R.T.: 0.001 min
Response: 69618668
Conc: 229.21 ng/ml



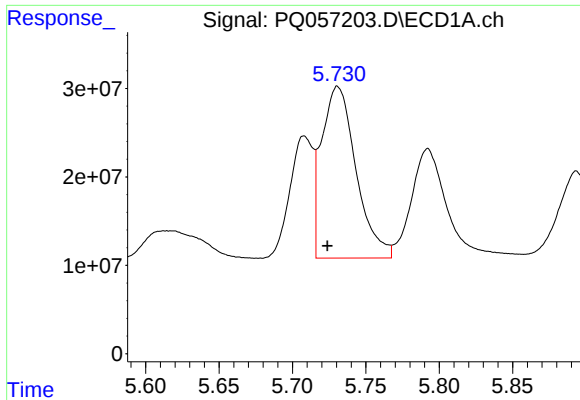
#12 AR-1232-2

R.T.: 5.437 min
Delta R.T.: 0.008 min
Response: 168827381
Conc: 581.93 ng/ml



#12 AR-1232-2

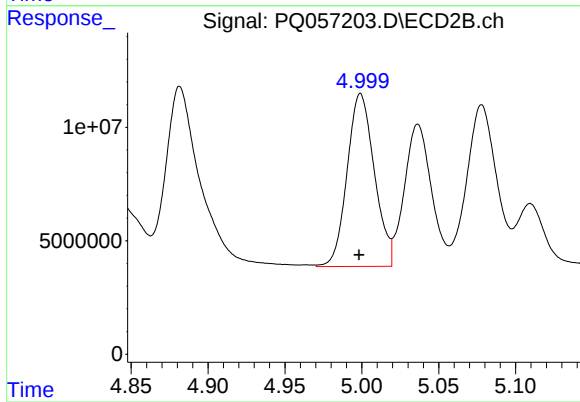
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 210588147
Conc: 669.85 ng/ml



#13 AR-1232-3

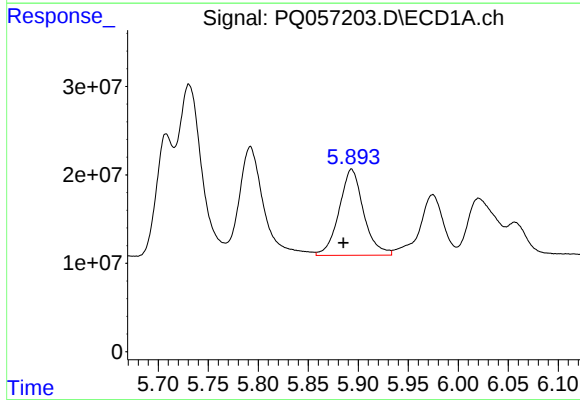
R.T.: 5.731 min
Delta R.T.: 0.007 min
Response: 315866896
Conc: 592.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



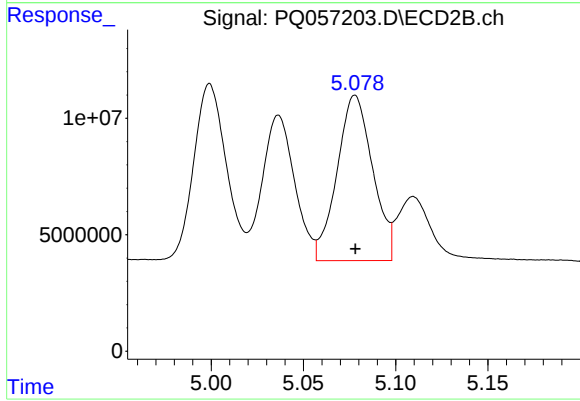
#13 AR-1232-3

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 94043816
Conc: 679.91 ng/ml



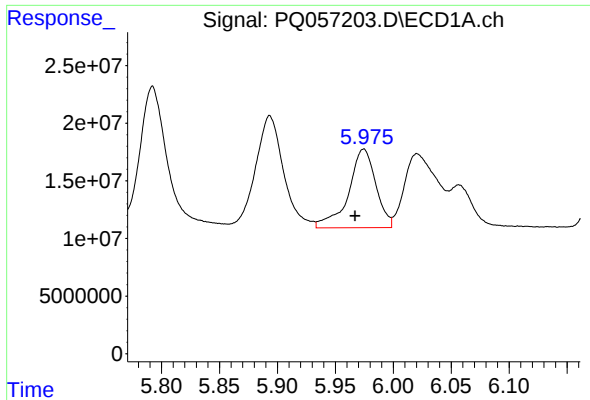
#14 AR-1232-4

R.T.: 5.893 min
Delta R.T.: 0.008 min
Response: 166276671
Conc: 583.86 ng/ml



#14 AR-1232-4

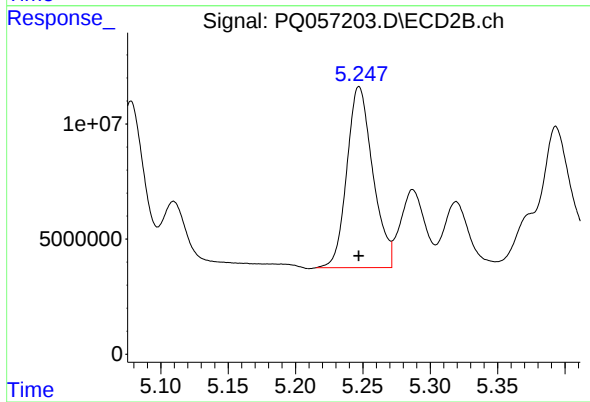
R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 95523194
Conc: 744.30 ng/ml



#15 AR-1232-5

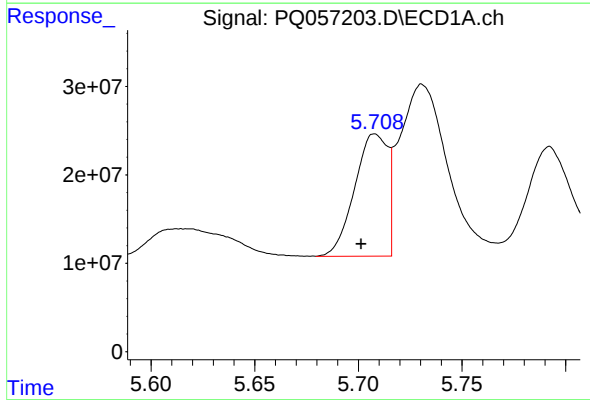
R.T.: 5.975 min
Delta R.T.: 0.008 min
Response: 112048268
Conc: 562.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



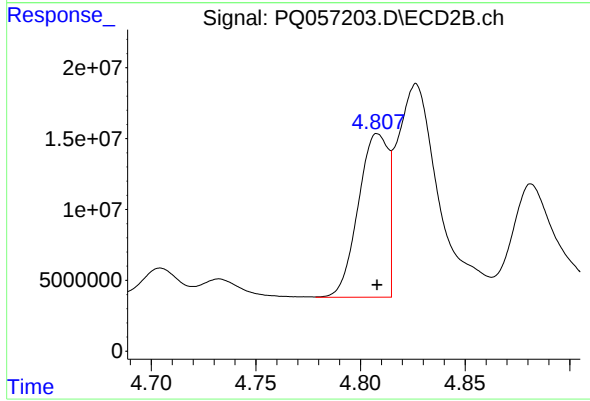
#15 AR-1232-5

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 105282605
Conc: 705.45 ng/ml



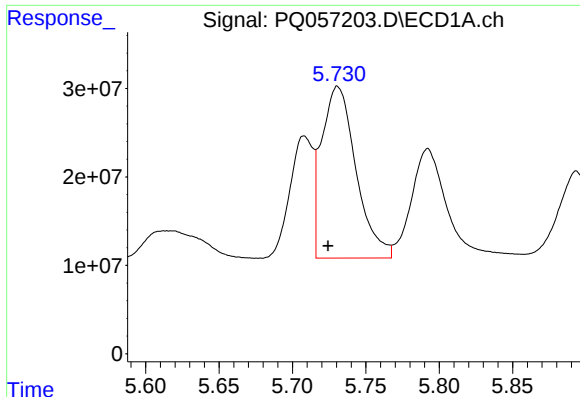
#16 AR-1242-1

R.T.: 5.708 min
Delta R.T.: 0.007 min
Response: 153200840
Conc: 379.54 ng/ml



#16 AR-1242-1

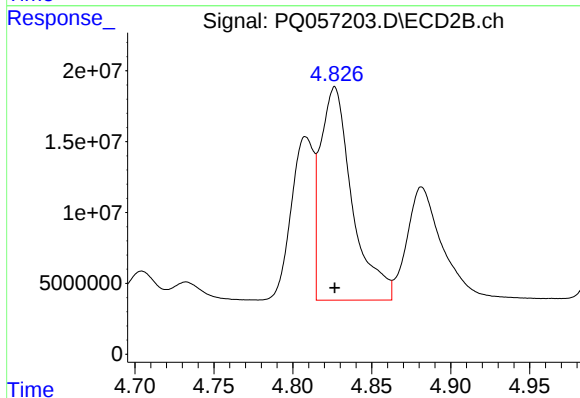
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 114163919
Conc: 385.05 ng/ml



#17 AR-1242-2

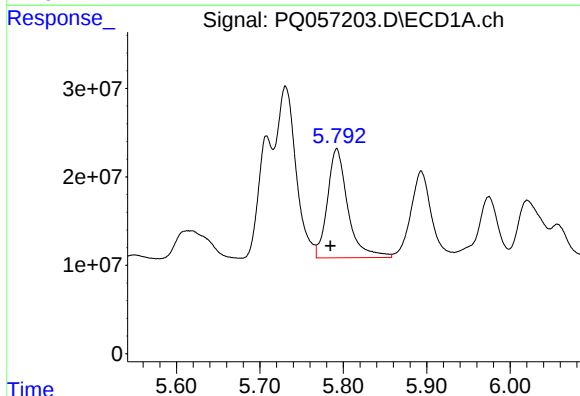
R.T.: 5.731 min
Delta R.T.: 0.006 min
Response: 315866896
Conc: 389.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



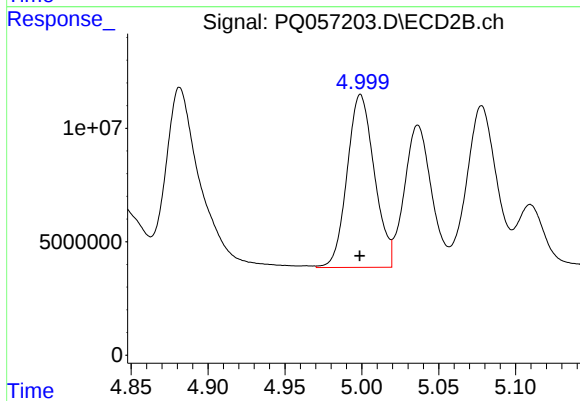
#17 AR-1242-2

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 210588147
Conc: 396.36 ng/ml



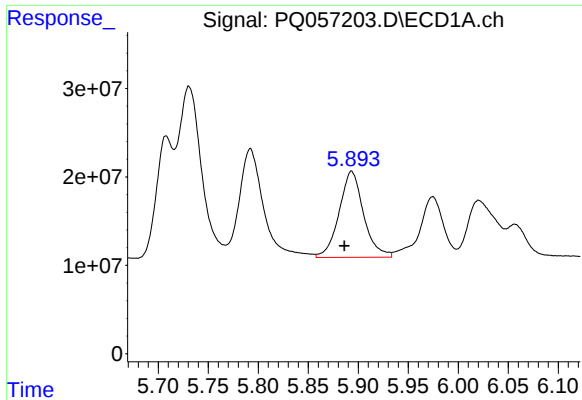
#18 AR-1242-3

R.T.: 5.792 min
Delta R.T.: 0.008 min
Response: 209824884
Conc: 396.05 ng/ml



#18 AR-1242-3

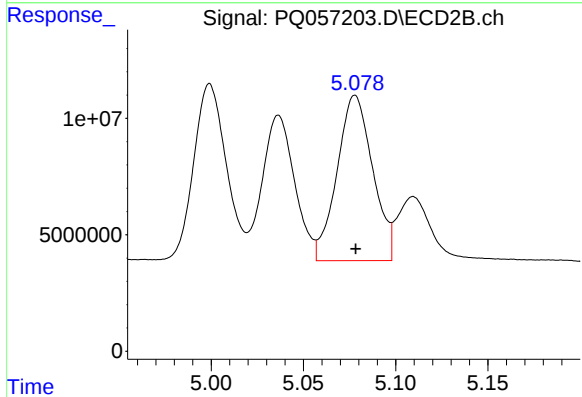
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 94043816
Conc: 391.45 ng/ml



#19 AR-1242-4

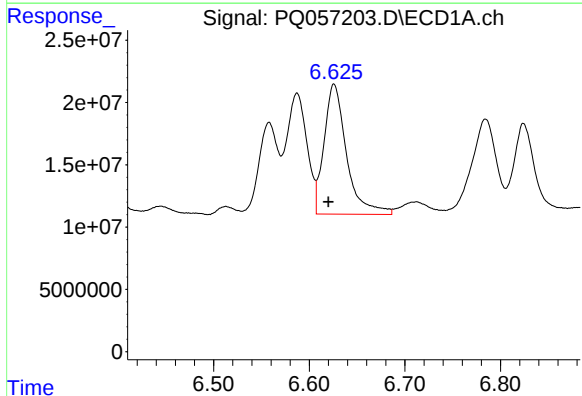
R.T.: 5.893 min
Delta R.T.: 0.007 min
Response: 166276671
Conc: 395.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



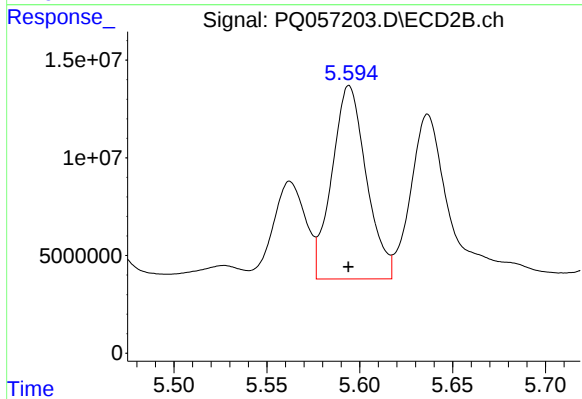
#19 AR-1242-4

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 95523194
Conc: 399.80 ng/ml



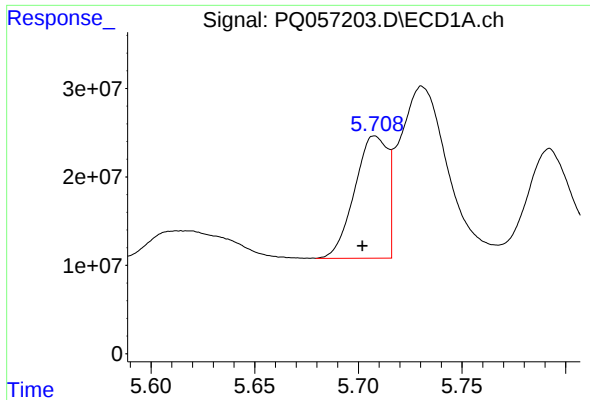
#20 AR-1242-5

R.T.: 6.626 min
Delta R.T.: 0.006 min
Response: 170357519
Conc: 406.76 ng/ml



#20 AR-1242-5

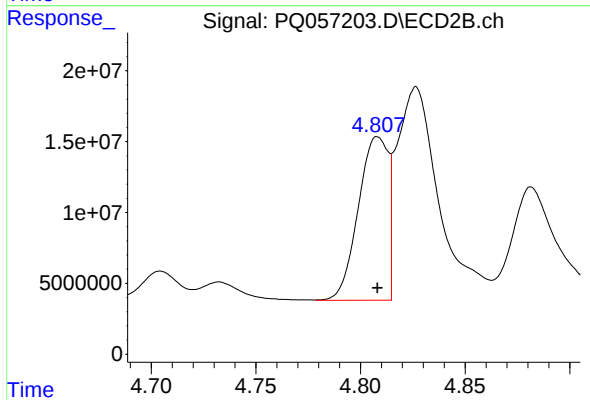
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 127754761
Conc: 404.16 ng/ml



#21 AR-1248-1

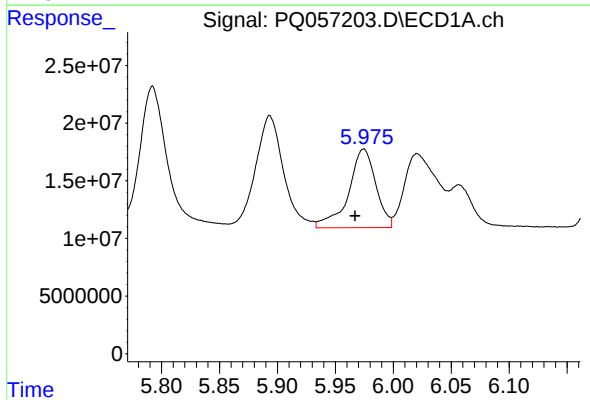
R.T.: 5.708 min
Delta R.T.: 0.006 min
Response: 153200840
Conc: 477.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



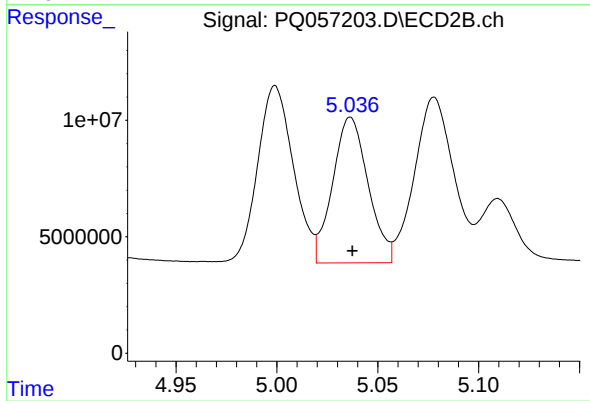
#21 AR-1248-1

R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 114163919
Conc: 478.94 ng/ml



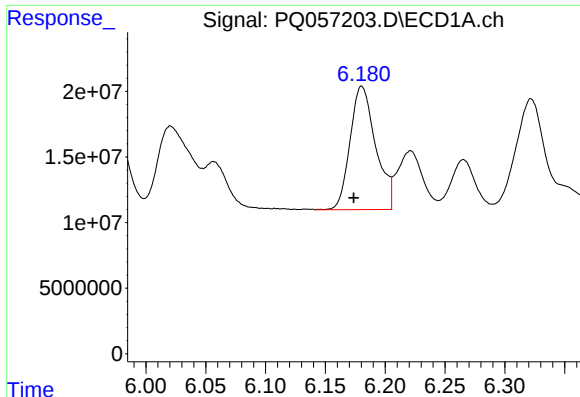
#22 AR-1248-2

R.T.: 5.975 min
Delta R.T.: 0.008 min
Response: 112048268
Conc: 213.62 ng/ml



#22 AR-1248-2

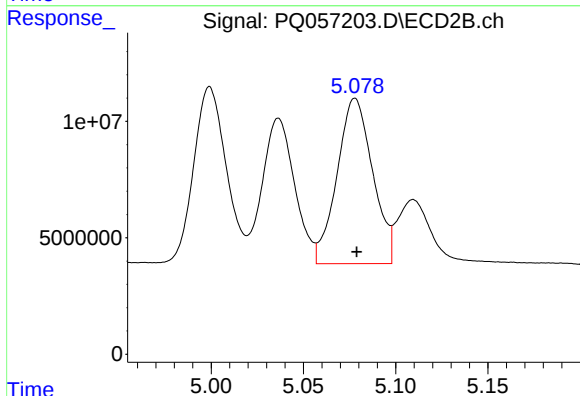
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 76608688
Conc: 214.07 ng/ml



#23 AR-1248-3

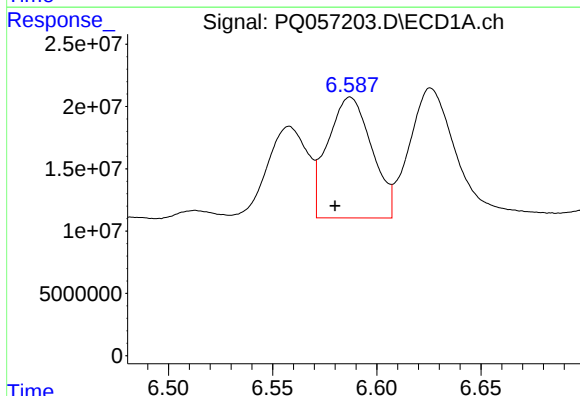
R.T.: 6.180 min
Delta R.T.: 0.007 min
Response: 140082838
Conc: 220.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



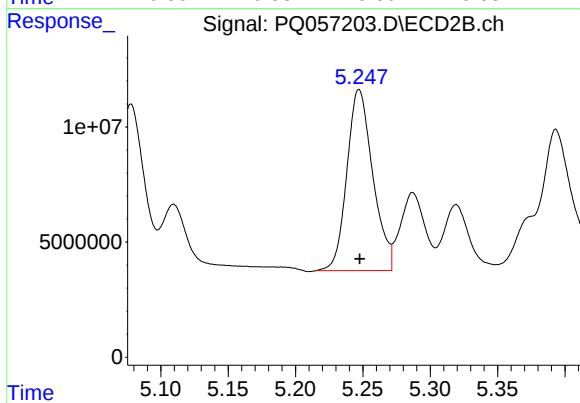
#23 AR-1248-3

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 95523194
Conc: 252.43 ng/ml



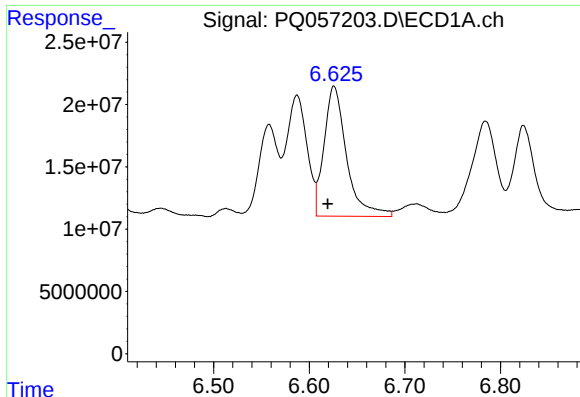
#24 AR-1248-4

R.T.: 6.587 min
Delta R.T.: 0.007 min
Response: 142824951
Conc: 208.25 ng/ml



#24 AR-1248-4

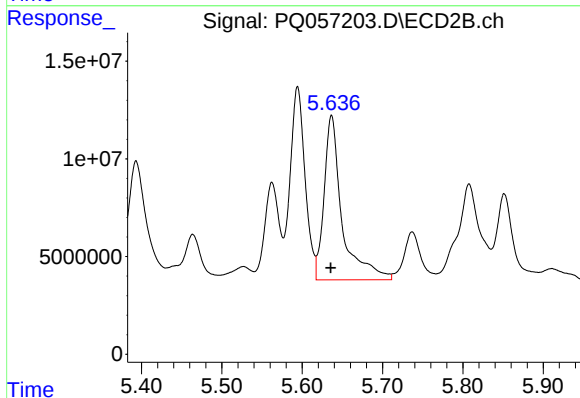
R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 105282605
Conc: 230.90 ng/ml



#25 AR-1248-5

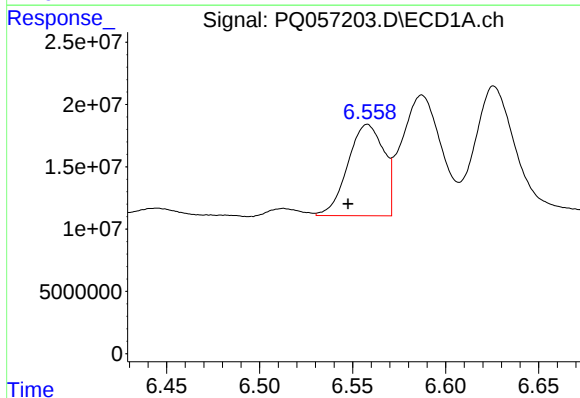
R.T.: 6.626 min
Delta R.T.: 0.006 min
Response: 170357519
Conc: 231.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



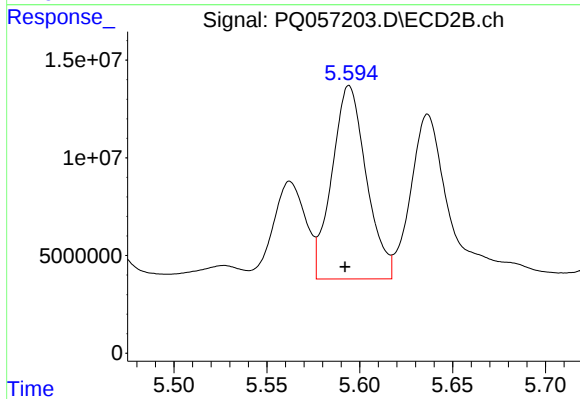
#25 AR-1248-5

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 131487035
Conc: 274.86 ng/ml



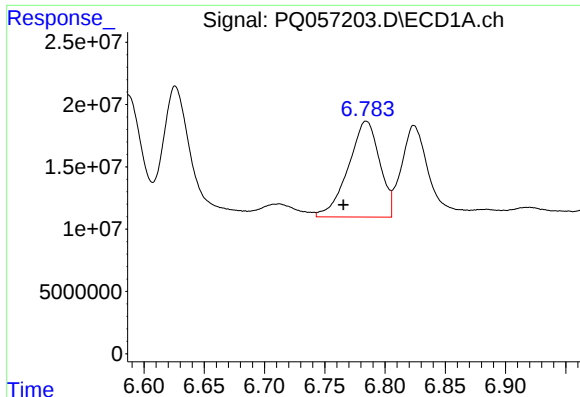
#26 AR-1254-1

R.T.: 6.558 min
Delta R.T.: 0.010 min
Response: 98748783
Conc: 152.99 ng/ml



#26 AR-1254-1

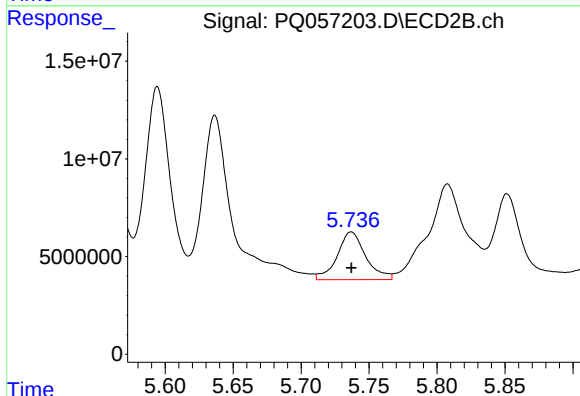
R.T.: 5.594 min
Delta R.T.: 0.002 min
Response: 127754761
Conc: 176.69 ng/ml



#27 AR-1254-2

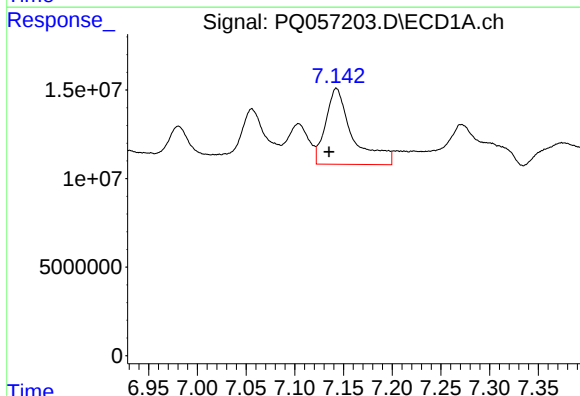
R.T.: 6.784 min
Delta R.T.: 0.019 min
Response: 139372340
Conc: 138.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



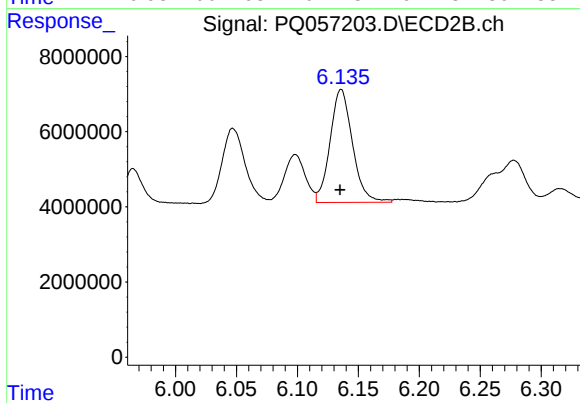
#27 AR-1254-2

R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 35779336
Conc: 58.43 ng/ml



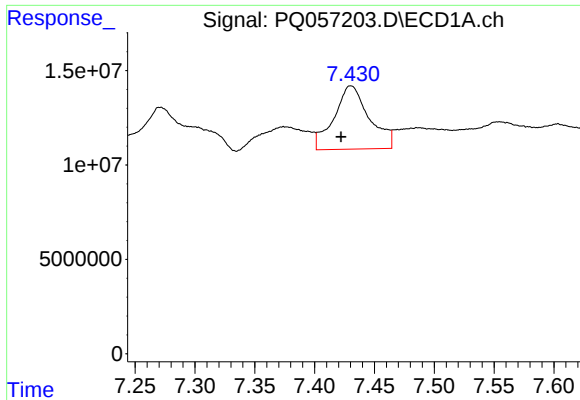
#28 AR-1254-3

R.T.: 7.143 min
Delta R.T.: 0.007 min
Response: 82900622
Conc: 69.03 ng/ml



#28 AR-1254-3

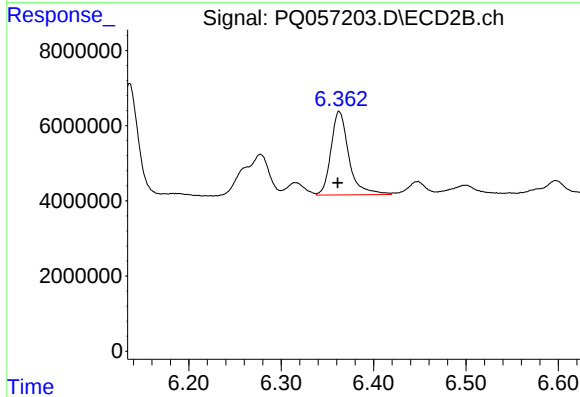
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 38504783
Conc: 37.68 ng/ml



#29 AR-1254-4

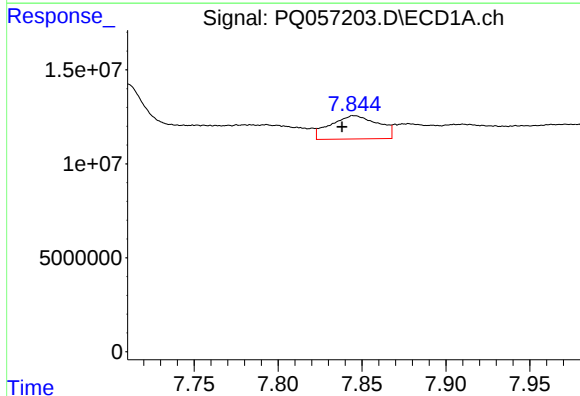
R.T.: 7.430 min
Delta R.T.: 0.008 min
Response: 69197324
Conc: 83.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



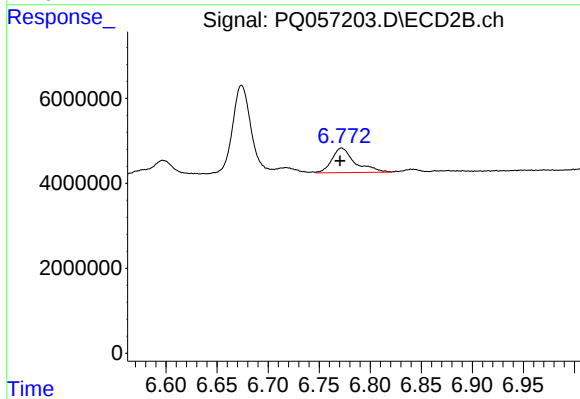
#29 AR-1254-4

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 29873026
Conc: 39.54 ng/ml



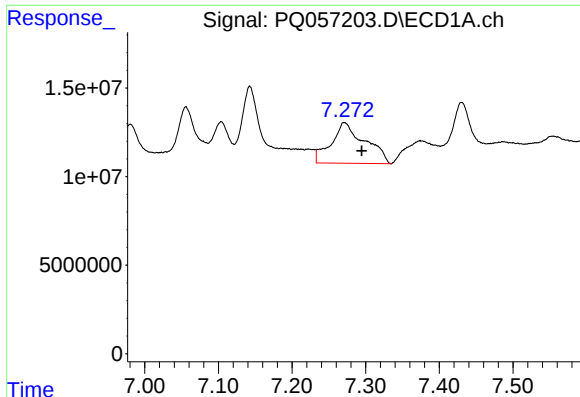
#30 AR-1254-5

R.T.: 7.845 min
Delta R.T.: 0.007 min
Response: 24692445
Conc: 27.59 ng/ml



#30 AR-1254-5

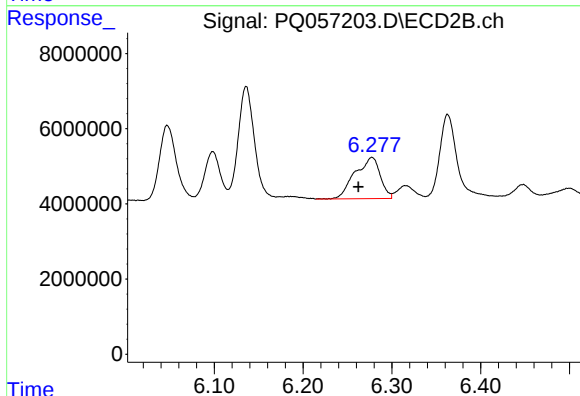
R.T.: 6.772 min
Delta R.T.: 0.002 min
Response: 9138124
Conc: 10.11 ng/ml



#31 AR-1260-1

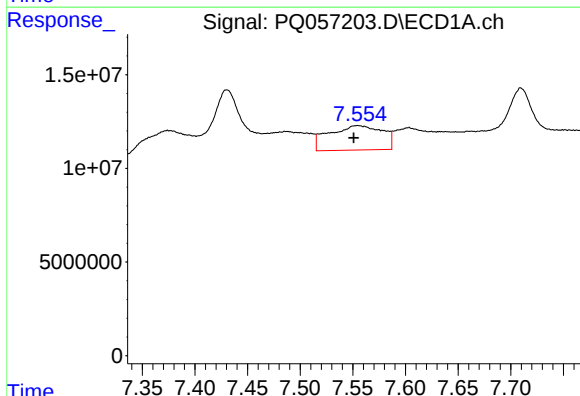
R.T.: 7.271 min
Delta R.T.: -0.024 min
Response: 73437055
Conc: 107.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



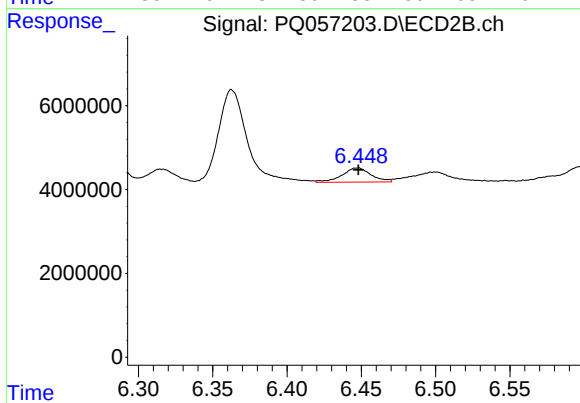
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: 0.015 min
Response: 21597350
Conc: 39.43 ng/ml



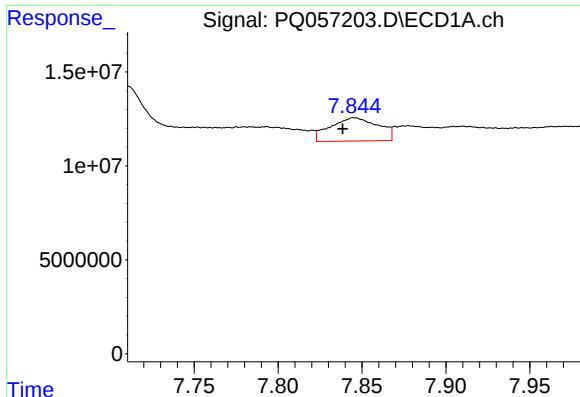
#32 AR-1260-2

R.T.: 7.554 min
Delta R.T.: 0.004 min
Response: 46040046
Conc: 56.84 ng/ml



#32 AR-1260-2

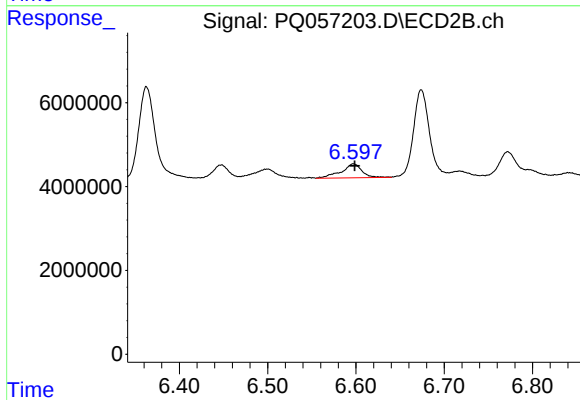
R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 4627492
Conc: 6.86 ng/ml



#33 AR-1260-3

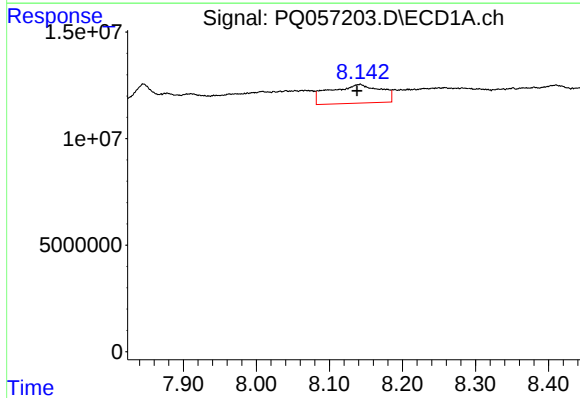
R.T.: 7.845 min
Delta R.T.: 0.007 min
Response: 24692445
Conc: 25.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



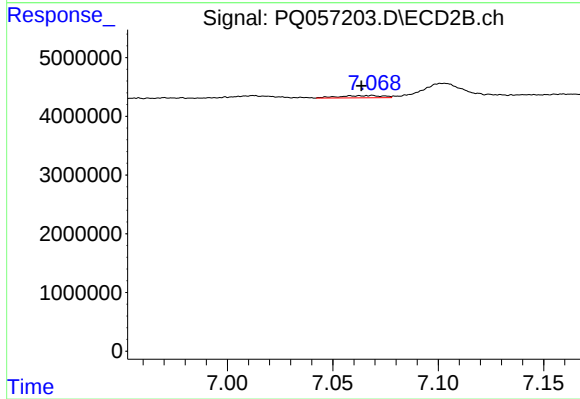
#33 AR-1260-3

R.T.: 6.597 min
Delta R.T.: -0.001 min
Response: 5405765
Conc: 8.50 ng/ml



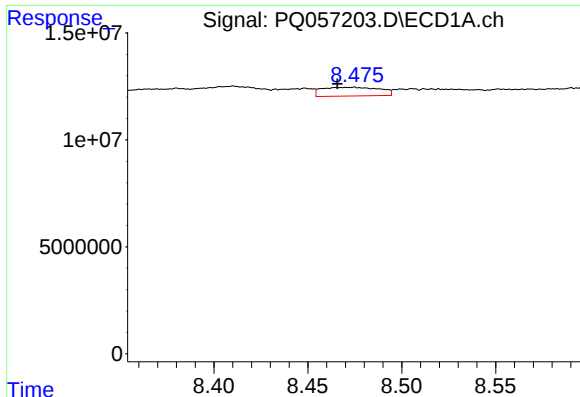
#34 AR-1260-4

R.T.: 8.142 min
Delta R.T.: 0.004 min
Response: 42783117
Conc: 54.95 ng/ml



#34 AR-1260-4

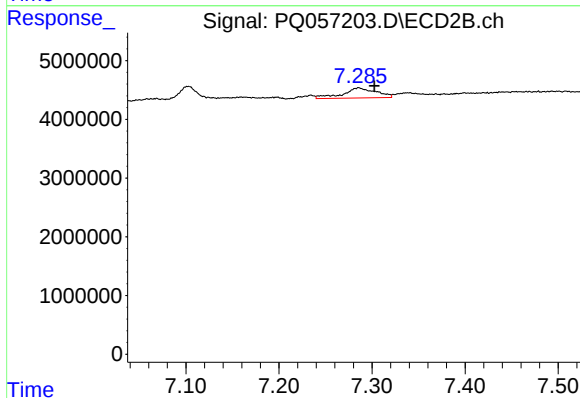
R.T.: 7.069 min
Delta R.T.: 0.005 min
Response: 544794
Conc: 1.03 ng/ml



#35 AR-1260-5

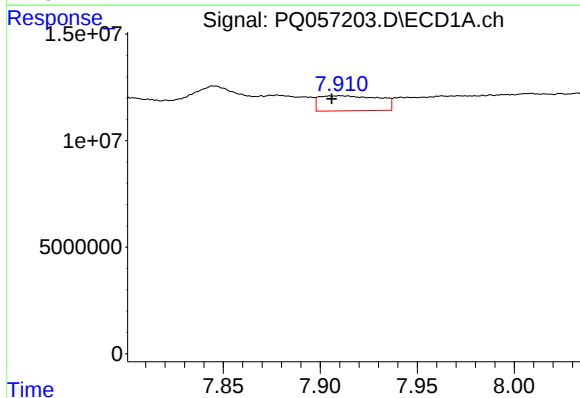
R.T.: 8.475 min
Delta R.T.: 0.009 min
Response: 8714441
Conc: 5.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



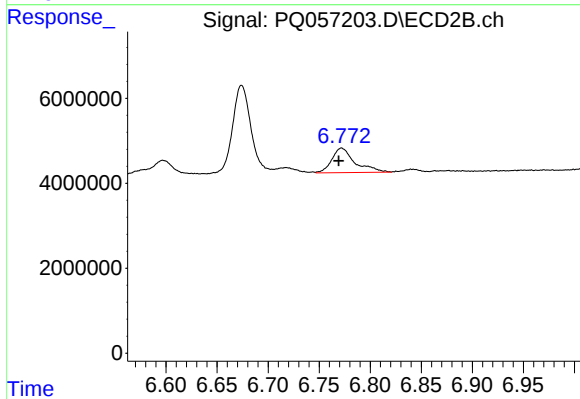
#35 AR-1260-5

R.T.: 7.286 min
Delta R.T.: -0.017 min
Response: 4205560
Conc: 3.20 ng/ml



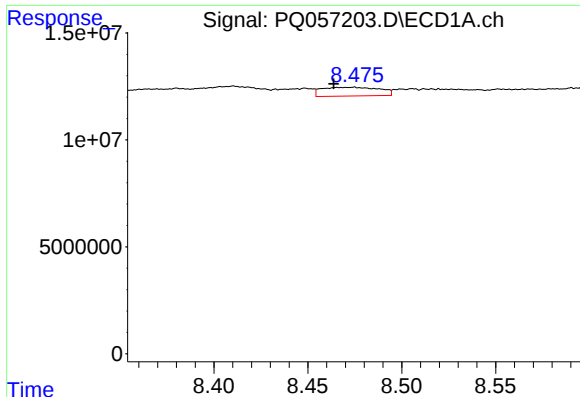
#36 AR-1262-1

R.T.: 7.910 min
Delta R.T.: 0.004 min
Response: 15129258
Conc: 14.88 ng/ml



#36 AR-1262-1

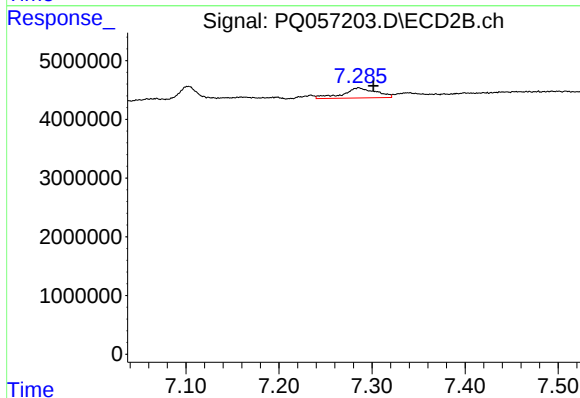
R.T.: 6.772 min
Delta R.T.: 0.003 min
Response: 9138124
Conc: 19.86 ng/ml



#37 AR-1262-2

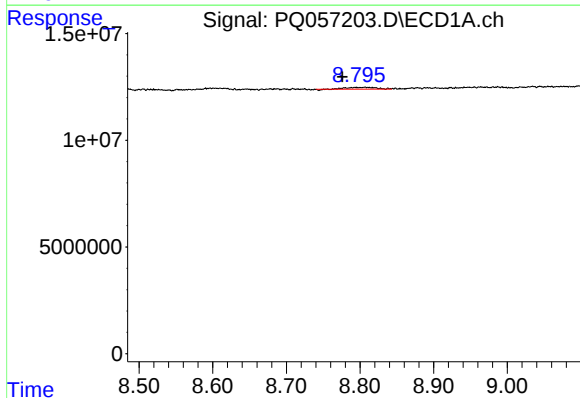
R.T.: 8.475 min
Delta R.T.: 0.011 min
Response: 8714441
Conc: 4.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



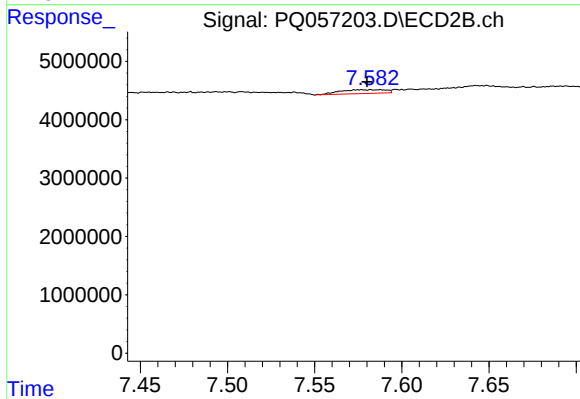
#37 AR-1262-2

R.T.: 7.286 min
Delta R.T.: -0.015 min
Response: 4205560
Conc: 2.43 ng/ml



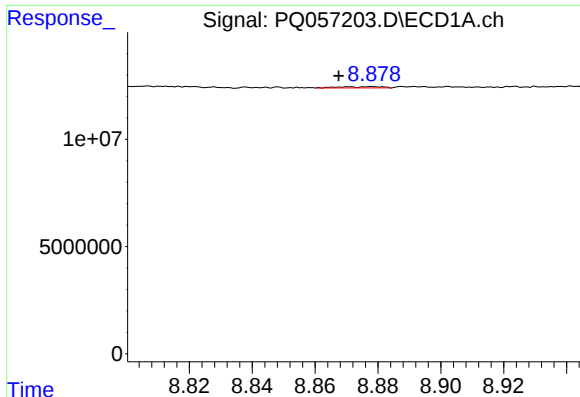
#38 AR-1262-3

R.T.: 8.807 min
Delta R.T.: 0.030 min
Response: 2453503
Conc: 2.66 ng/ml



#38 AR-1262-3

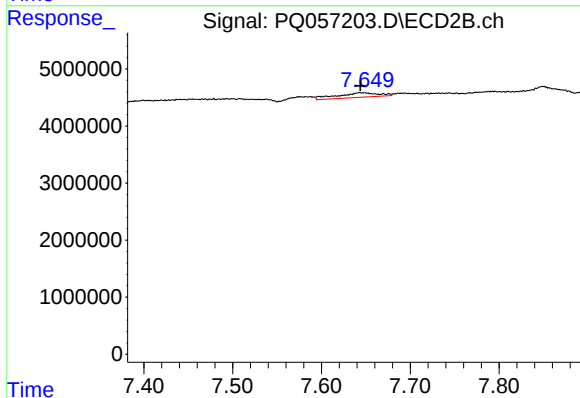
R.T.: 7.583 min
Delta R.T.: 0.003 min
Response: 1193214
Conc: 1.74 ng/ml



#39 AR-1262-4

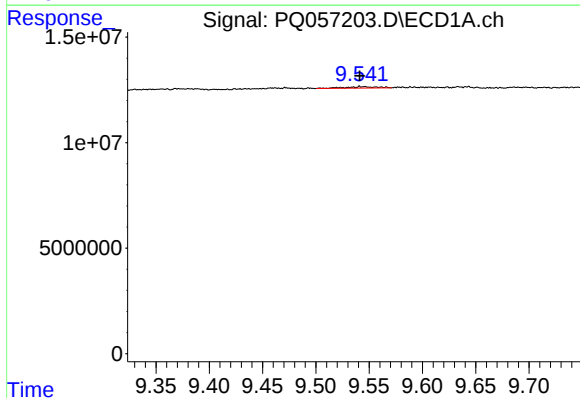
R.T.: 8.878 min
Delta R.T.: 0.010 min
Response: 571112
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



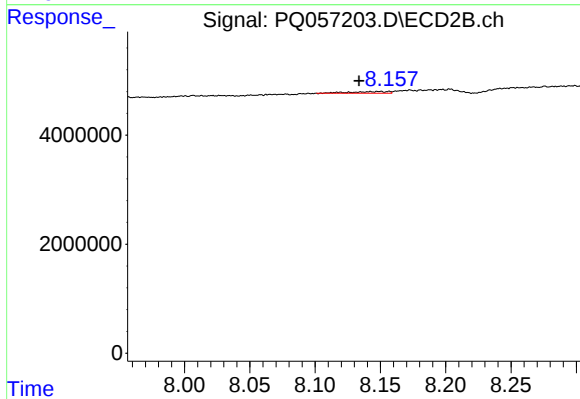
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: 0.005 min
Response: 2582574
Conc: 2.04 ng/ml



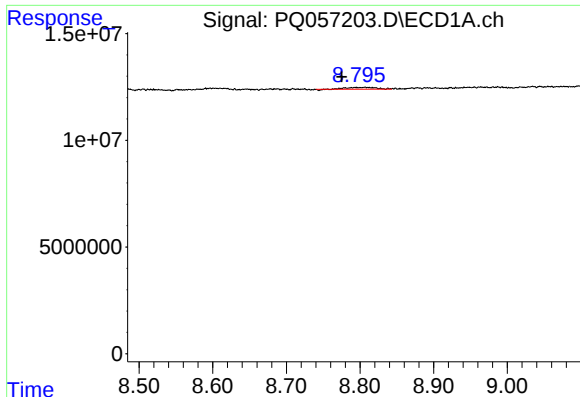
#40 AR-1262-5

R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 1430419
Conc: 1.68 ng/ml



#40 AR-1262-5

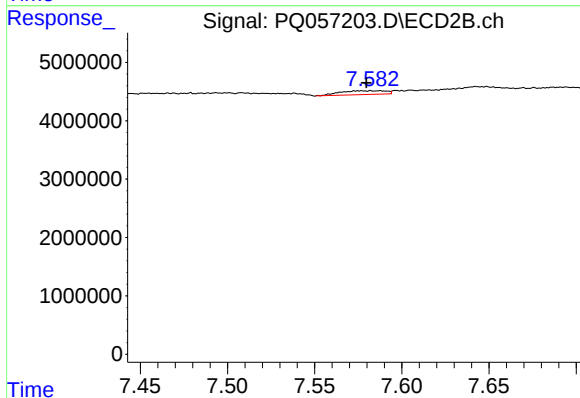
R.T.: 8.142 min
Delta R.T.: 0.009 min
Response: 585553
Conc: 1.06 ng/ml



#41 AR-1268-1

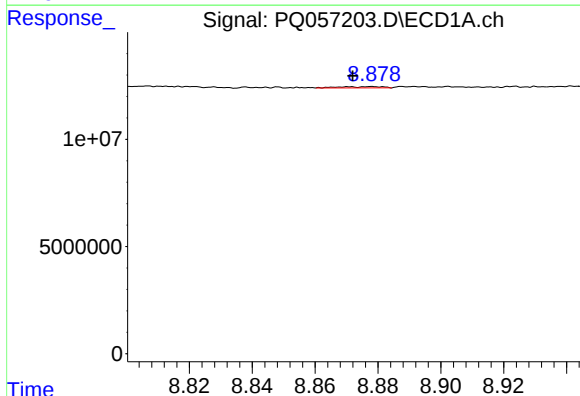
R.T.: 8.807 min
Delta R.T.: 0.031 min
Response: 2453503
Conc: 0.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



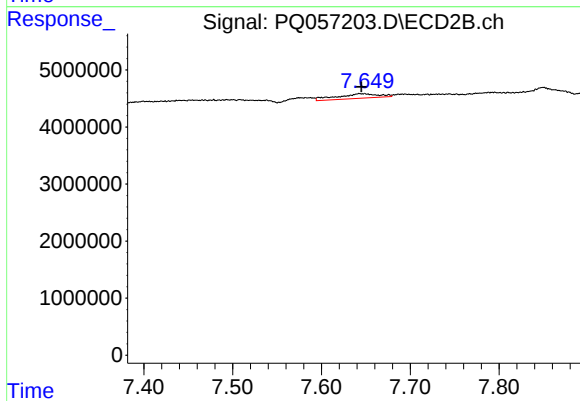
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.003 min
Response: 1193214
Conc: 0.60 ng/ml



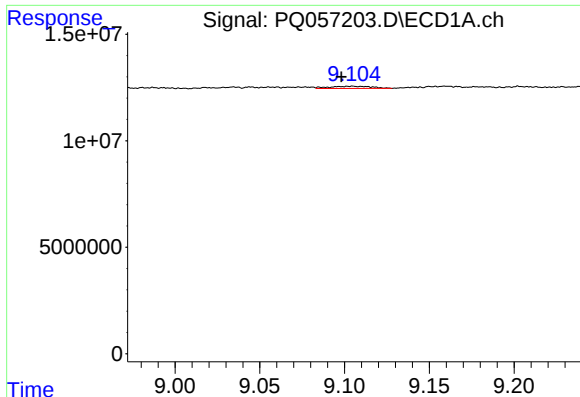
#42 AR-1268-2

R.T.: 8.878 min
Delta R.T.: 0.006 min
Response: 571112
Conc: 0.21 ng/ml



#42 AR-1268-2

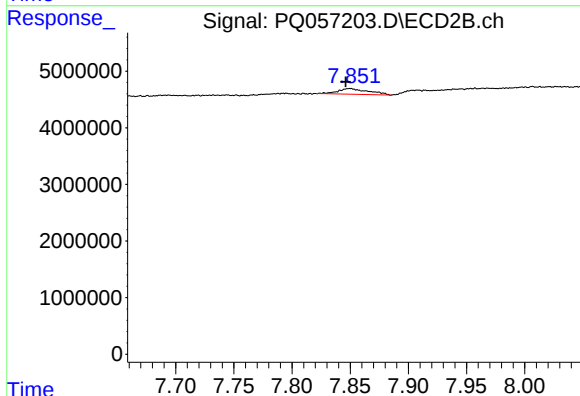
R.T.: 7.648 min
Delta R.T.: 0.003 min
Response: 2582574
Conc: 1.43 ng/ml



#43 AR-1268-3

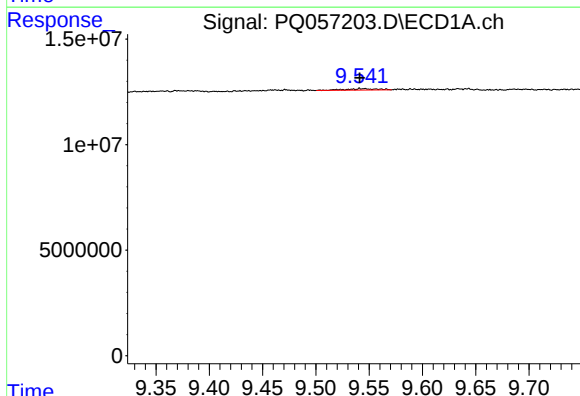
R.T.: 9.104 min
Delta R.T.: 0.006 min
Response: 1790555
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



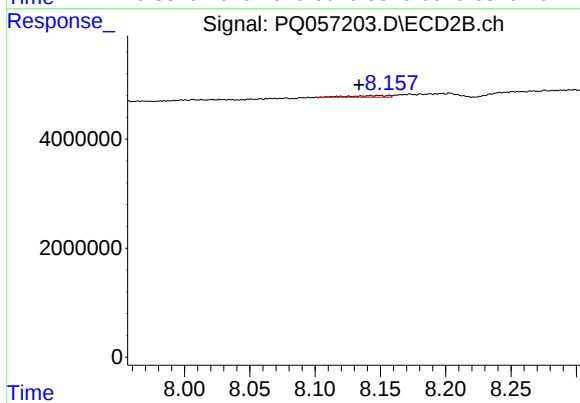
#43 AR-1268-3

R.T.: 7.850 min
Delta R.T.: 0.003 min
Response: 1829024
Conc: 1.30 ng/ml



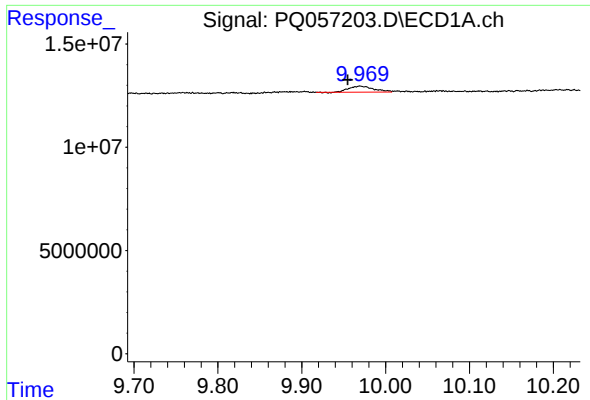
#44 AR-1268-4

R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 1430419
Conc: 1.50 ng/ml



#44 AR-1268-4

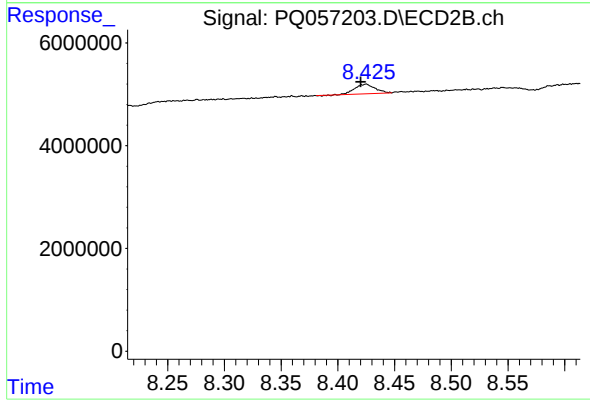
R.T.: 8.142 min
Delta R.T.: 0.009 min
Response: 585553
Conc: 0.97 ng/ml



#45 AR-1268-5

R.T.: 9.970 min
Delta R.T.: 0.015 min
Response: 5895848
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: 0.005 min
Response: 2312430
Conc: 0.49 ng/ml