

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092222\
 Data File : PQ059246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2022 22:02
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 00:03:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091922CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 20 06:48:37 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...	4.670	4.006	288.2E6	174.7E6	24.683	22.787
2)	SA Decachlor...	10.562	9.096	215.9E6	169.3E6	41.840	40.641
Target Compounds							
3)	L1 AR-1016-1	5.851	5.100	95781418	54662382	289.256	258.858
4)	L1 AR-1016-2	5.876	5.119	124.7E6	68809072	251.868	183.921 #
5)	L1 AR-1016-3	5.937	5.298	61490549	39312715	200.130	236.757
6)	L1 AR-1016-4	6.035	5.333	66964770	93698421	268.077	697.150 #
7)	L1 AR-1016-5	6.329	5.551	158.3E6	111.9E6	717.827	646.124
8)	L2 AR-1221-1	4.887	4.217	581940	707966	4.873	9.250 #
9)	L2 AR-1221-2	4.982	4.312	5652043	3097529	67.285	58.779
10)	L2 AR-1221-3	5.051	4.386	9607302	5092328	33.455	28.040
11)	L3 AR-1232-1	5.051	4.386	9607302	5092328	41.497	35.098
12)	L3 AR-1232-2	5.581	5.119	48744102	68809072	436.776	443.163
13)	L3 AR-1232-3	5.876	5.298	124.7E6	39312715	589.993	592.047
14)	L3 AR-1232-4	6.035	5.376	66964770	96628225	663.421	1457.241 #
15)	L3 AR-1232-5	6.121	5.551	145.7E6	111.9E6	1751.685	1617.673
16)	L4 AR-1242-1	5.851	5.100	95781418	54662382	314.226	304.181
17)	L4 AR-1242-2	5.876	5.119	124.7E6	68809072	272.248	211.448
18)	L4 AR-1242-3	5.937	5.298	61490549	39312715	223.262	275.975
19)	L4 AR-1242-4	6.035	5.376	66964770	96628225	301.045	635.966 #
20)	L4 AR-1242-5	6.774	5.903	164.4E6	153.8E6	738.030	838.064
21)	L5 AR-1248-1	5.851	5.100	95781418	54662382	423.384	357.256
22)	L5 AR-1248-2	6.121	5.333	145.7E6	93698421	437.245	412.080
23)	L5 AR-1248-3	6.329	5.376	158.3E6	96628225	441.453	386.789
24)	L5 AR-1248-4	6.735	5.551	167.7E6	111.9E6	430.242	400.295
25)	L5 AR-1248-5	6.774	5.946	164.4E6	108.2E6	439.397	384.269
26)	L6 AR-1254-1	6.707	5.903	127.6E6	153.8E6	313.783	357.279
27)	L6 AR-1254-2	6.933	6.048	163.0E6	50702975	267.254	133.910 #
28)	L6 AR-1254-3	7.294	6.456	86292036	71863499	138.550	122.159
29)	L6 AR-1254-4	7.582	6.684	54554787	47010622	126.496	114.645
30)	L6 AR-1254-5	8.000	7.101	13228916	13366016	29.592	28.219
31)	L7 AR-1260-1	7.452	6.604	9410079	32937972	24.530	100.488 #
32)	L7 AR-1260-2	7.709	6.770	9502809	6474602	21.173	16.649
33)	L7 AR-1260-3	8.065	6.926	2554012	6937838	8.179	19.694 #
34)	L7 AR-1260-4	8.303	7.398	5395364	1183057	15.454	4.264 #
35)	L7 AR-1260-5	8.646	7.635	3377670	4085213	4.892	6.413 #
36)	L8 AR-1262-1	8.065	7.172	2554012	2500870	4.825	5.055
37)	L8 AR-1262-2	8.646	7.635	3377670	4085213	3.778	5.058 #
38)	L8 AR-1262-3	8.965	7.921	334455	1341660	0.890	4.406 #
39)	L8 AR-1262-4	9.055	7.986	1499321	2646839	6.569	4.733 #
40)	L8 AR-1262-5	9.770	8.503	902893	1167449	3.161	4.941 #
41)	L9 AR-1268-1	8.965	7.921	334455	1341660	0.319	1.470 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092222\
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 Acq On : 22 Sep 2022 22:02
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

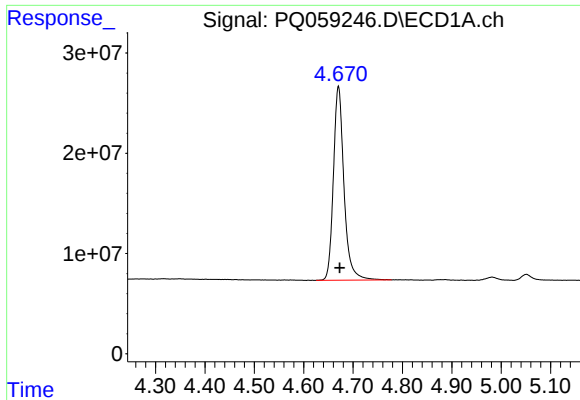
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 00:03:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091922CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 20 06:48:37 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	9.055	7.986	1499321	2646839	1.608	3.206 #
43) L9	AR-1268-3	9.305	8.197	510335	383202	0.648	0.552
44) L9	AR-1268-4	9.770	8.503	902893	1167449	2.805	4.287 #
45) L9	AR-1268-5	10.209	8.819	1403215	1055349	0.599	0.537

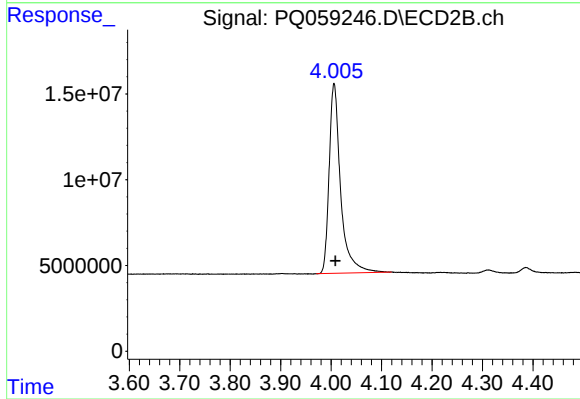
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

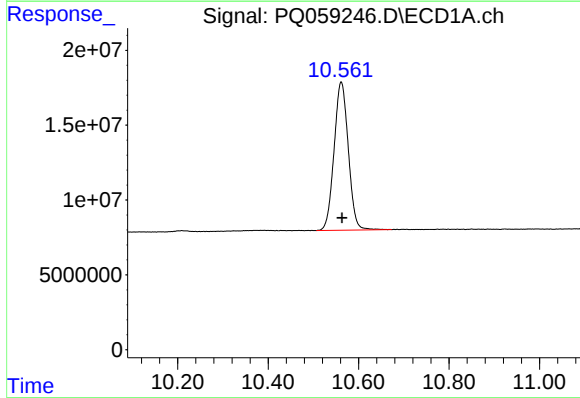
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 288236053
Conc: 24.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



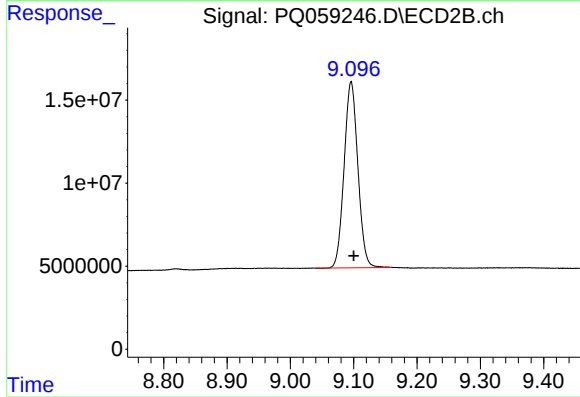
#1 Tetrachloro-m-xylene

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 174721431
Conc: 22.79 ng/ml



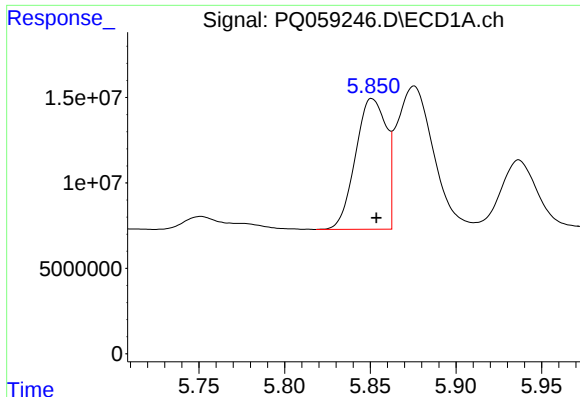
#2 Decachlorobiphenyl

R.T.: 10.562 min
Delta R.T.: -0.002 min
Response: 215914056
Conc: 41.84 ng/ml



#2 Decachlorobiphenyl

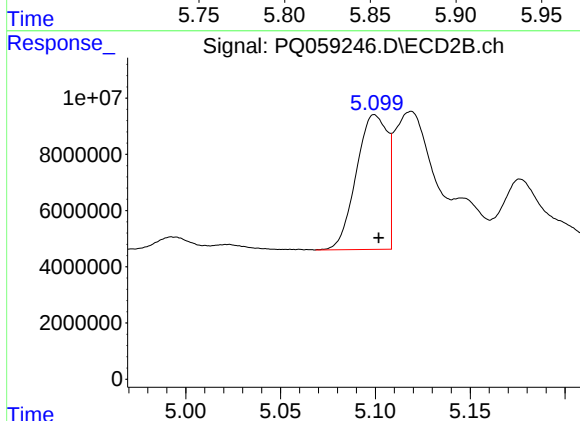
R.T.: 9.096 min
Delta R.T.: -0.004 min
Response: 169286760
Conc: 40.64 ng/ml



#3 AR-1016-1

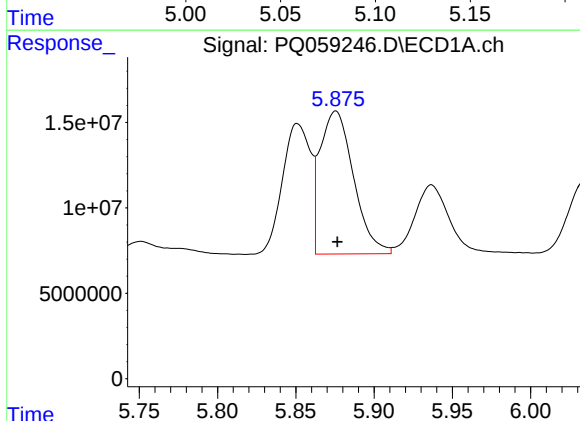
R.T.: 5.851 min
Delta R.T.: -0.003 min
Response: 95781418
Conc: 289.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



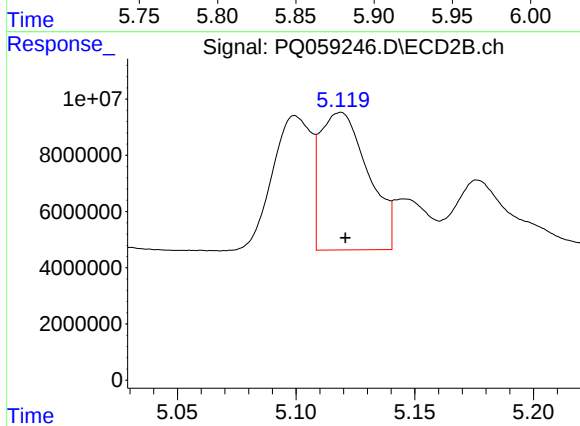
#3 AR-1016-1

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 54662382
Conc: 258.86 ng/ml



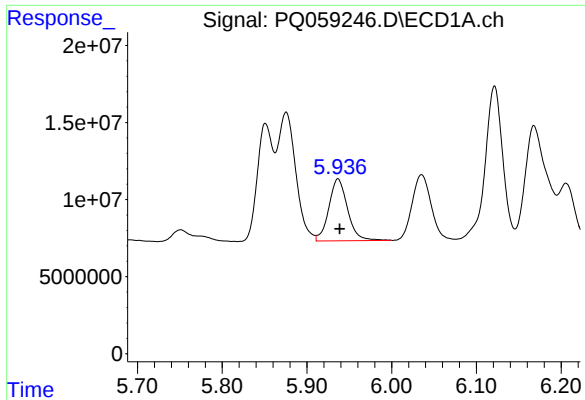
#4 AR-1016-2

R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 124688633
Conc: 251.87 ng/ml



#4 AR-1016-2

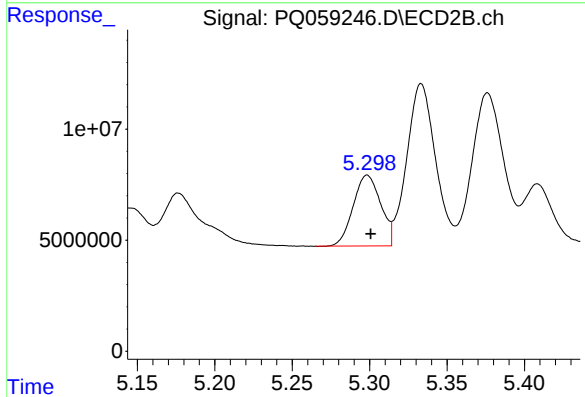
R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 68809072
Conc: 183.92 ng/ml



#5 AR-1016-3

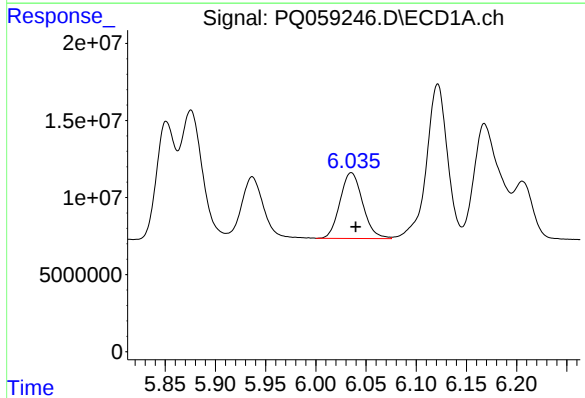
R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 61490549
Conc: 200.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



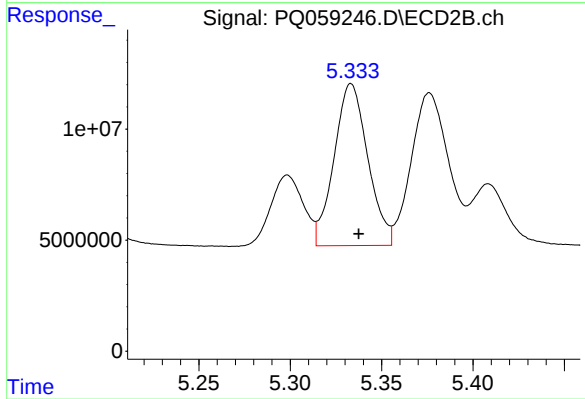
#5 AR-1016-3

R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 39312715
Conc: 236.76 ng/ml



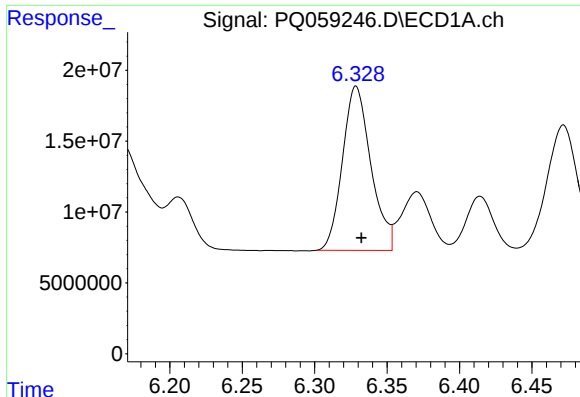
#6 AR-1016-4

R.T.: 6.035 min
Delta R.T.: -0.004 min
Response: 66964770
Conc: 268.08 ng/ml



#6 AR-1016-4

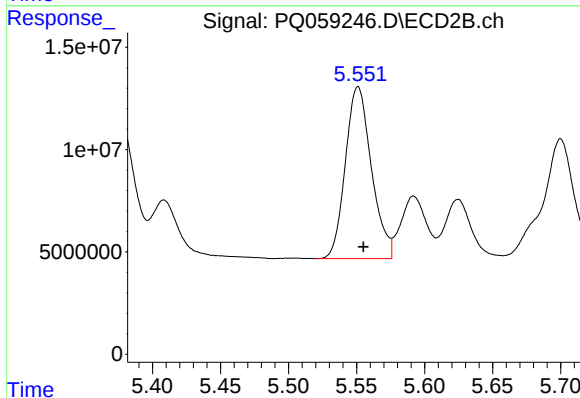
R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 93698421
Conc: 697.15 ng/ml



#7 AR-1016-5

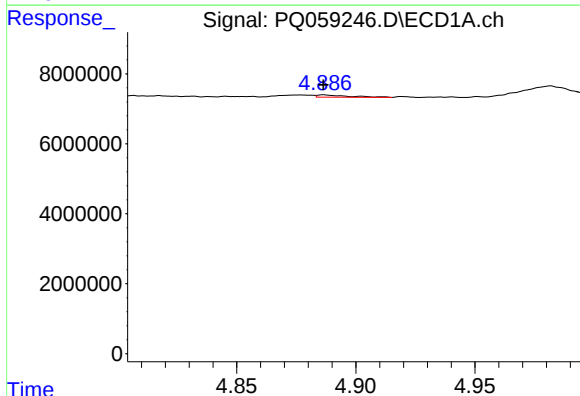
R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 158275681
Conc: 717.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



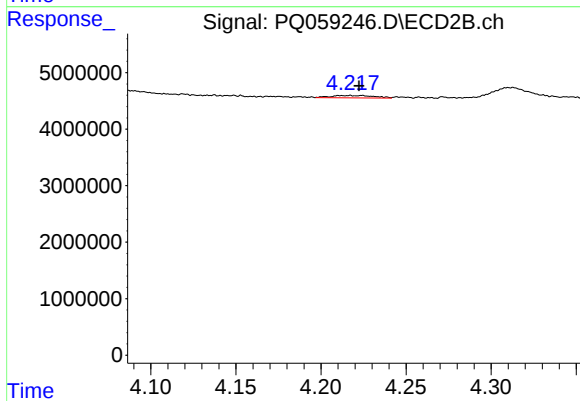
#7 AR-1016-5

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 111938668
Conc: 646.12 ng/ml



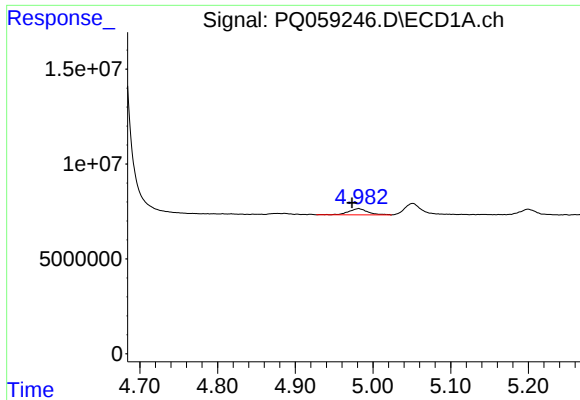
#8 AR-1221-1

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 581940
Conc: 4.87 ng/ml



#8 AR-1221-1

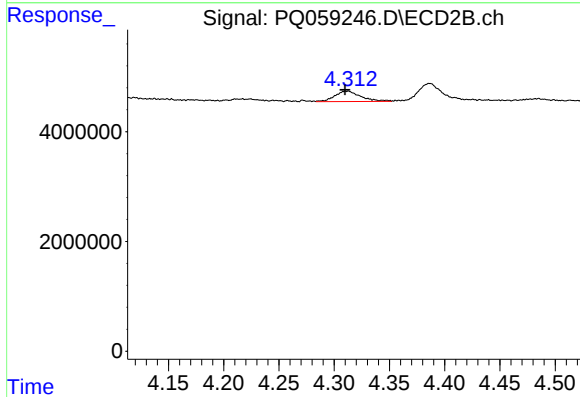
R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 707966
Conc: 9.25 ng/ml



#9 AR-1221-2

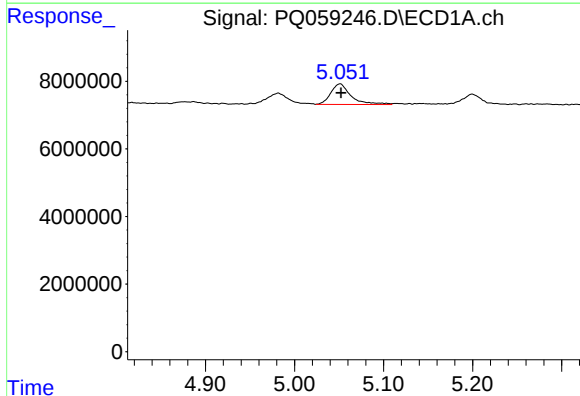
R.T.: 4.982 min
Delta R.T.: 0.009 min
Response: 5652043
Conc: 67.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



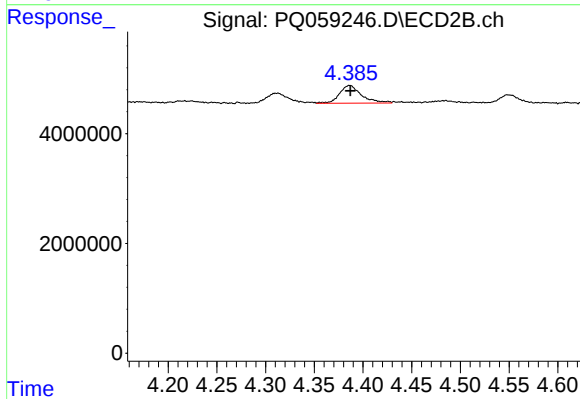
#9 AR-1221-2

R.T.: 4.312 min
Delta R.T.: 0.002 min
Response: 3097529
Conc: 58.78 ng/ml



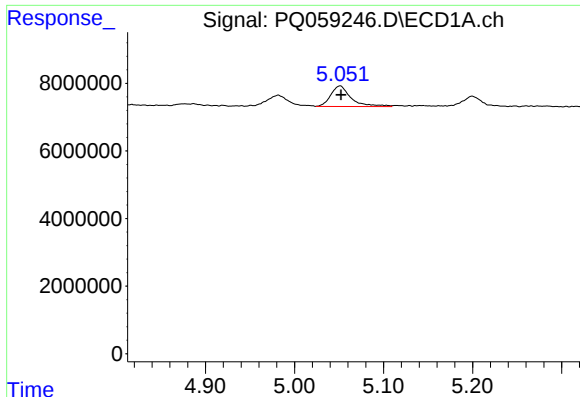
#10 AR-1221-3

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 9607302
Conc: 33.45 ng/ml



#10 AR-1221-3

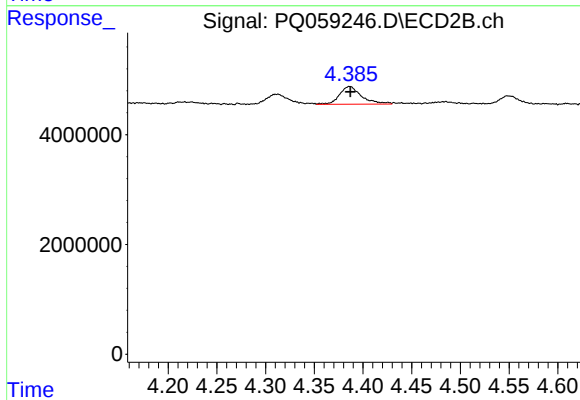
R.T.: 4.386 min
Delta R.T.: 0.000 min
Response: 5092328
Conc: 28.04 ng/ml



#11 AR-1232-1

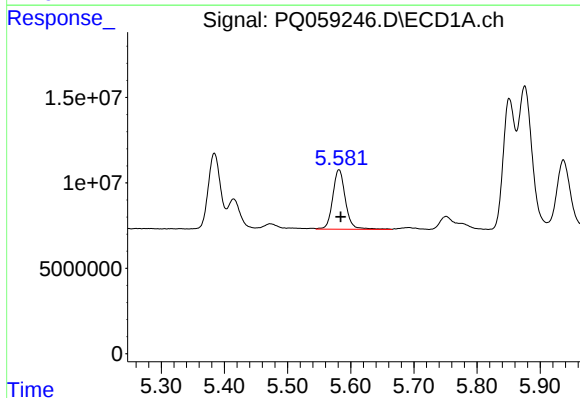
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 9607302
Conc: 41.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



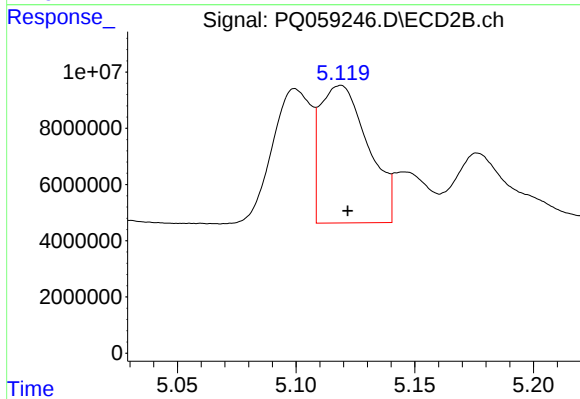
#11 AR-1232-1

R.T.: 4.386 min
Delta R.T.: 0.000 min
Response: 5092328
Conc: 35.10 ng/ml



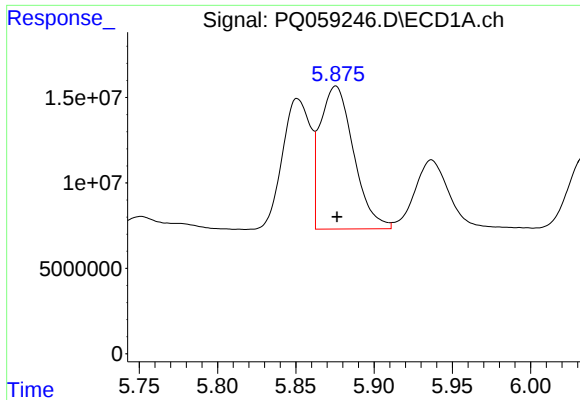
#12 AR-1232-2

R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 48744102
Conc: 436.78 ng/ml



#12 AR-1232-2

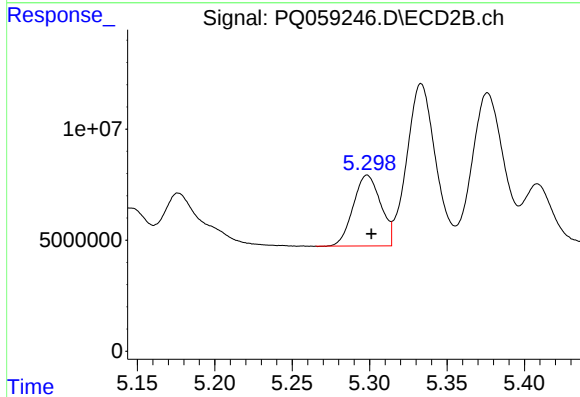
R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 68809072
Conc: 443.16 ng/ml



#13 AR-1232-3

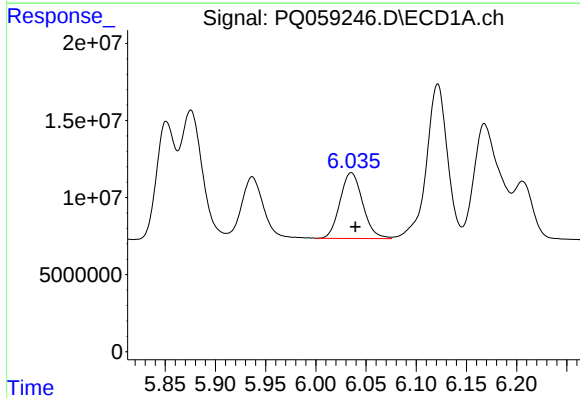
R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 124688633
Conc: 589.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



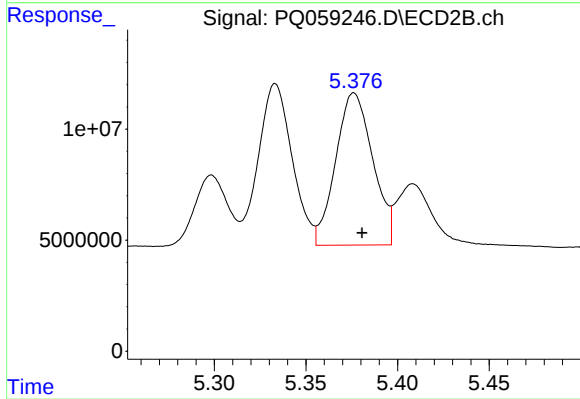
#13 AR-1232-3

R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 39312715
Conc: 592.05 ng/ml



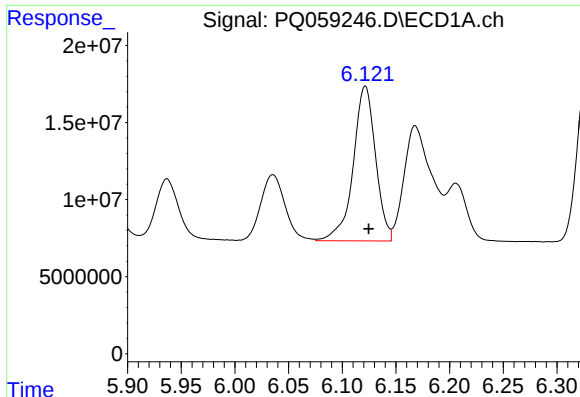
#14 AR-1232-4

R.T.: 6.035 min
Delta R.T.: -0.004 min
Response: 66964770
Conc: 663.42 ng/ml



#14 AR-1232-4

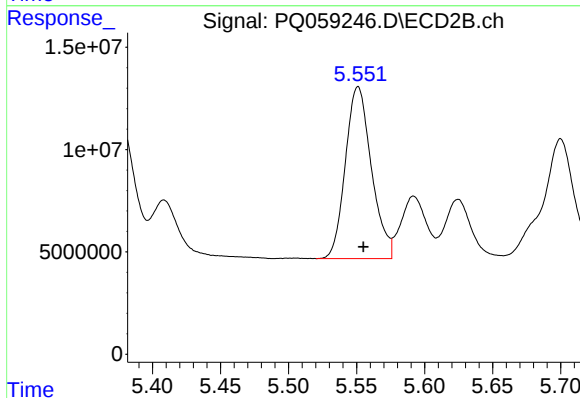
R.T.: 5.376 min
Delta R.T.: -0.005 min
Response: 96628225
Conc: 1457.24 ng/ml



#15 AR-1232-5

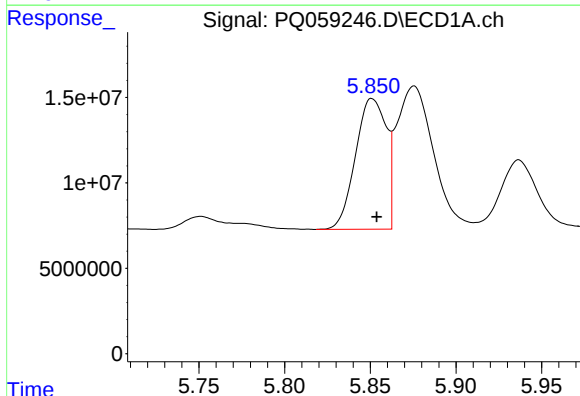
R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 145695313
Conc: 1751.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



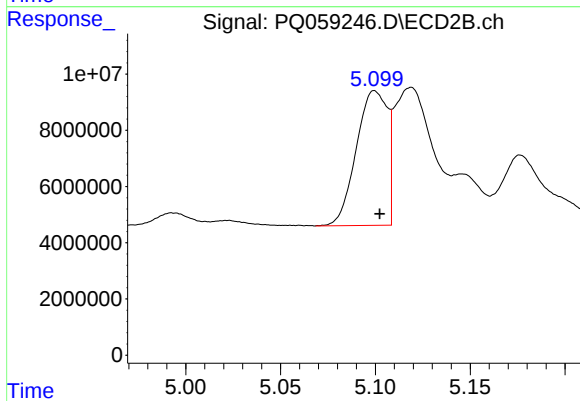
#15 AR-1232-5

R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 111938668
Conc: 1617.67 ng/ml



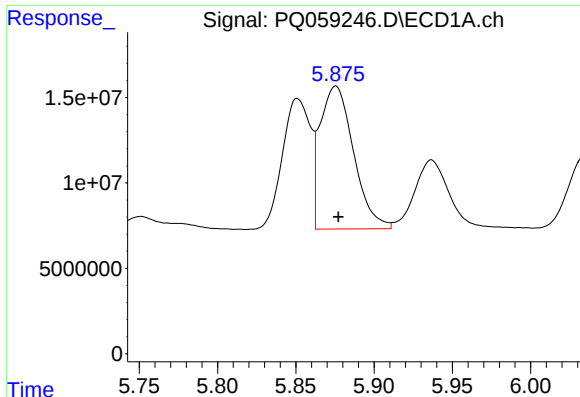
#16 AR-1242-1

R.T.: 5.851 min
Delta R.T.: -0.003 min
Response: 95781418
Conc: 314.23 ng/ml



#16 AR-1242-1

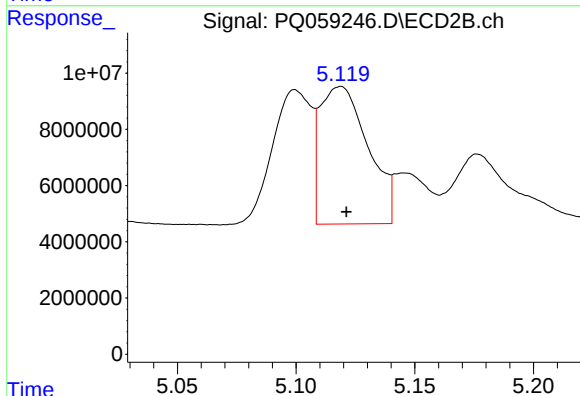
R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 54662382
Conc: 304.18 ng/ml



#17 AR-1242-2

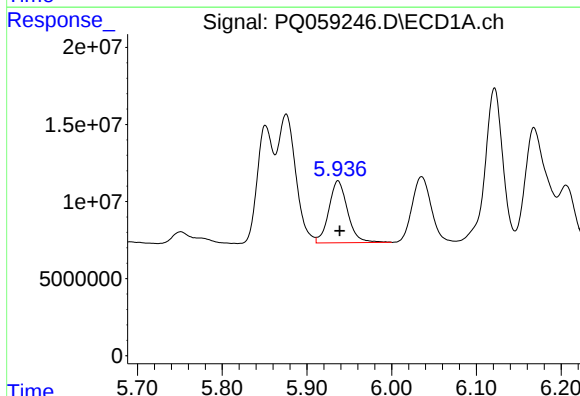
R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 124688633
Conc: 272.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



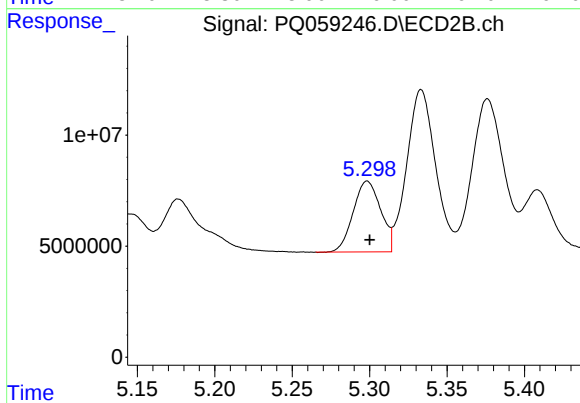
#17 AR-1242-2

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 68809072
Conc: 211.45 ng/ml



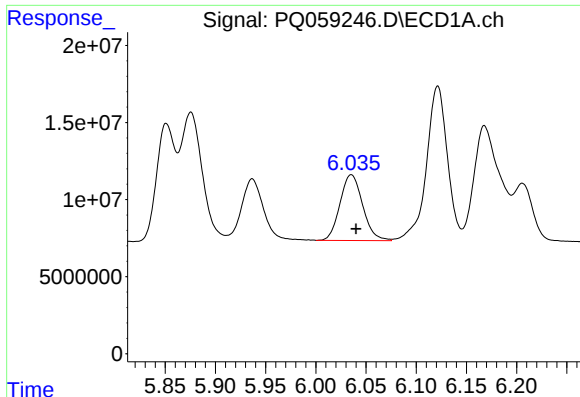
#18 AR-1242-3

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 61490549
Conc: 223.26 ng/ml



#18 AR-1242-3

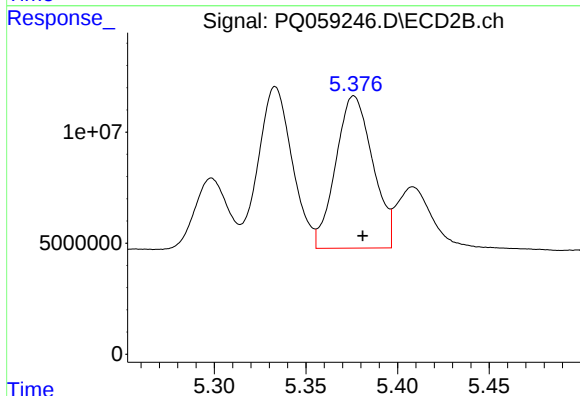
R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 39312715
Conc: 275.97 ng/ml



#19 AR-1242-4

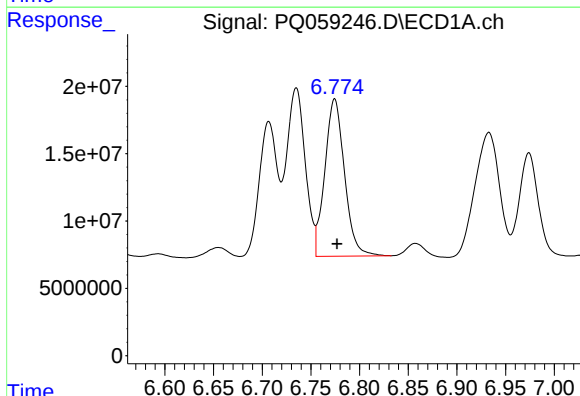
R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 66964770
Conc: 301.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



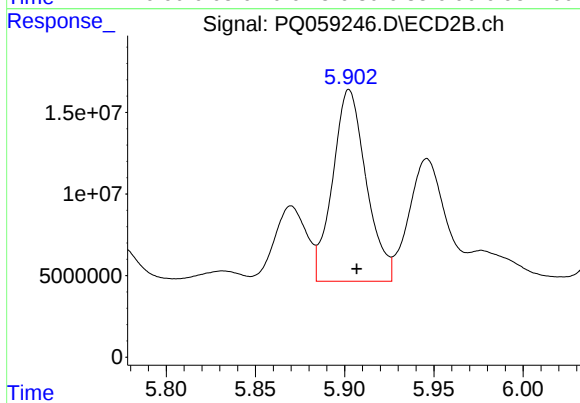
#19 AR-1242-4

R.T.: 5.376 min
Delta R.T.: -0.005 min
Response: 96628225
Conc: 635.97 ng/ml



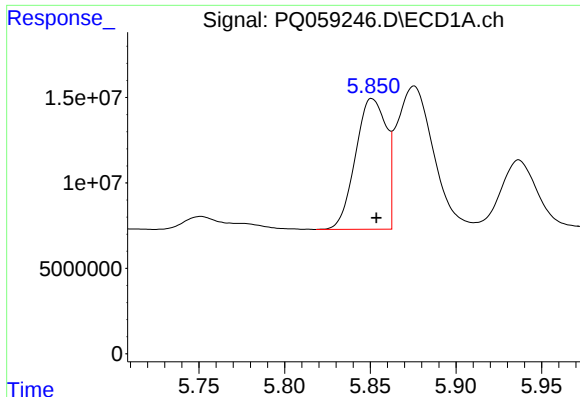
#20 AR-1242-5

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 164411800
Conc: 738.03 ng/ml



#20 AR-1242-5

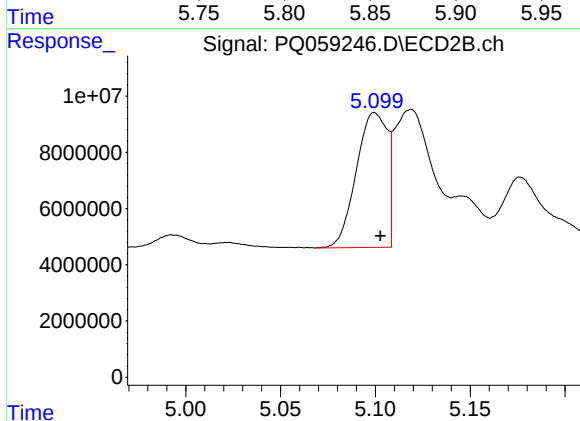
R.T.: 5.903 min
Delta R.T.: -0.004 min
Response: 153760396
Conc: 838.06 ng/ml



#21 AR-1248-1

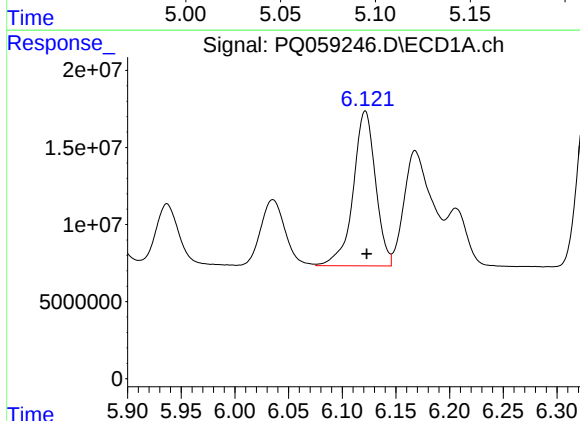
R.T.: 5.851 min
Delta R.T.: -0.003 min
Response: 95781418
Conc: 423.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



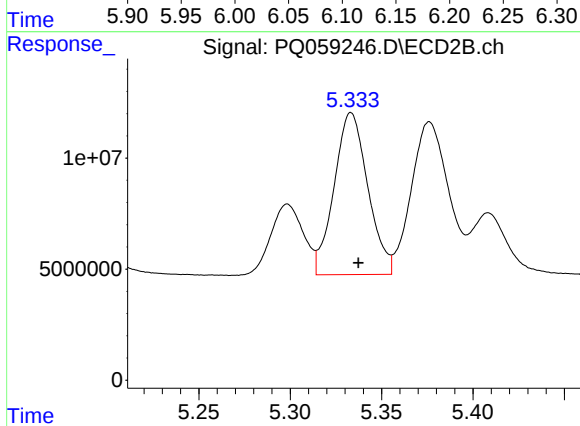
#21 AR-1248-1

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 54662382
Conc: 357.26 ng/ml



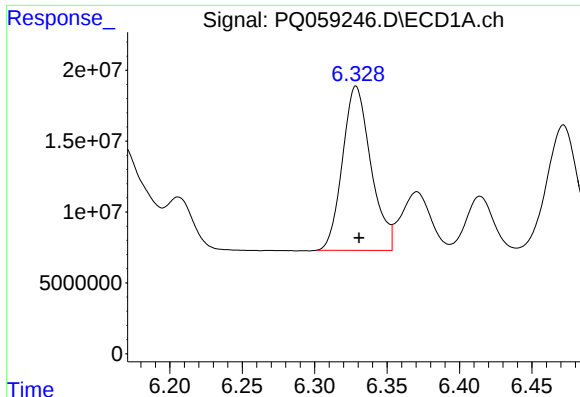
#22 AR-1248-2

R.T.: 6.121 min
Delta R.T.: -0.001 min
Response: 145695313
Conc: 437.25 ng/ml



#22 AR-1248-2

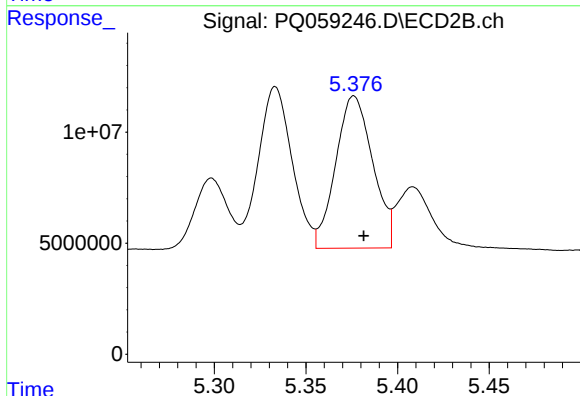
R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 93698421
Conc: 412.08 ng/ml



#23 AR-1248-3

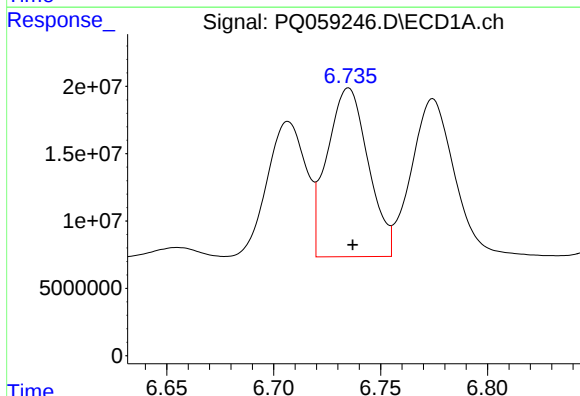
R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 158275681
Conc: 441.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



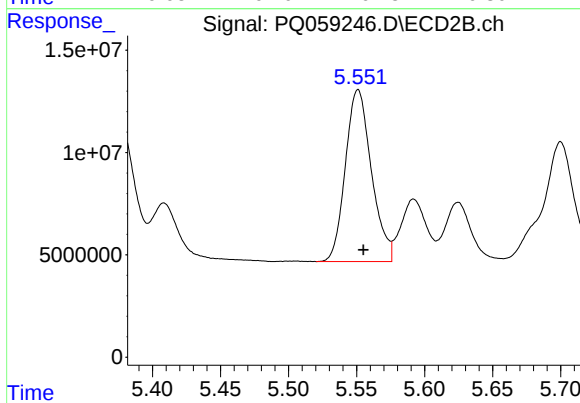
#23 AR-1248-3

R.T.: 5.376 min
Delta R.T.: -0.005 min
Response: 96628225
Conc: 386.79 ng/ml



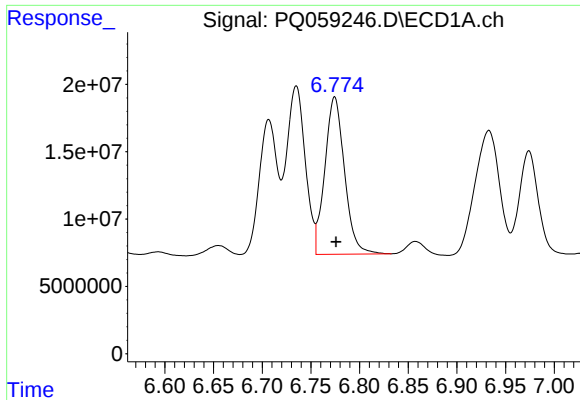
#24 AR-1248-4

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 167662807
Conc: 430.24 ng/ml



#24 AR-1248-4

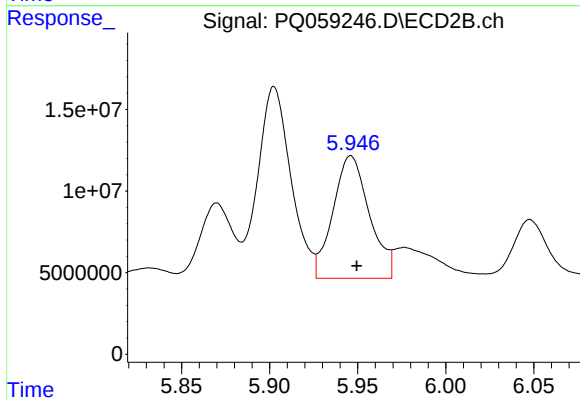
R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 111938668
Conc: 400.29 ng/ml



#25 AR-1248-5

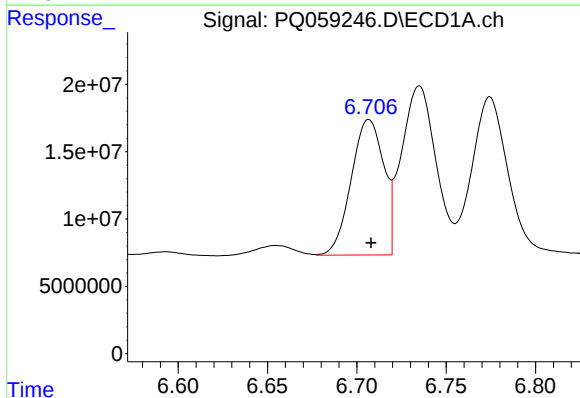
R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 164411800
Conc: 439.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



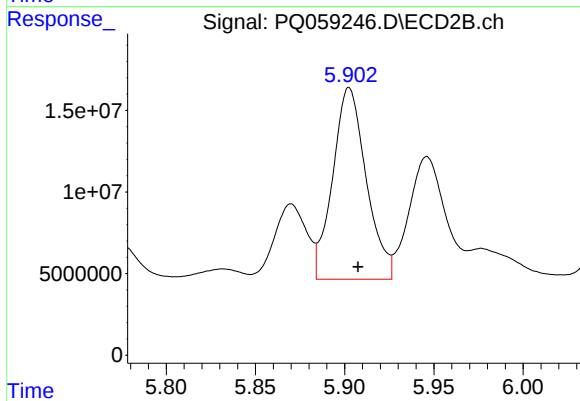
#25 AR-1248-5

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 108184234
Conc: 384.27 ng/ml



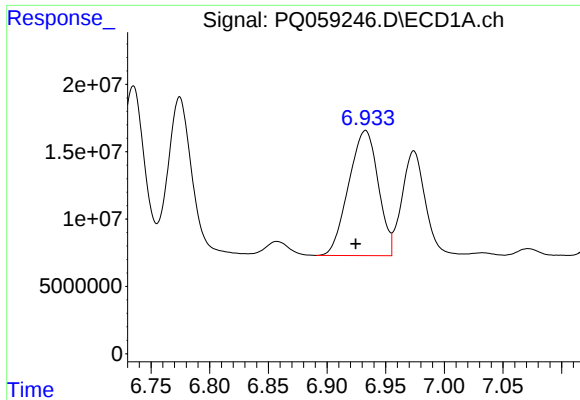
#26 AR-1254-1

R.T.: 6.707 min
Delta R.T.: -0.001 min
Response: 127553481
Conc: 313.78 ng/ml



#26 AR-1254-1

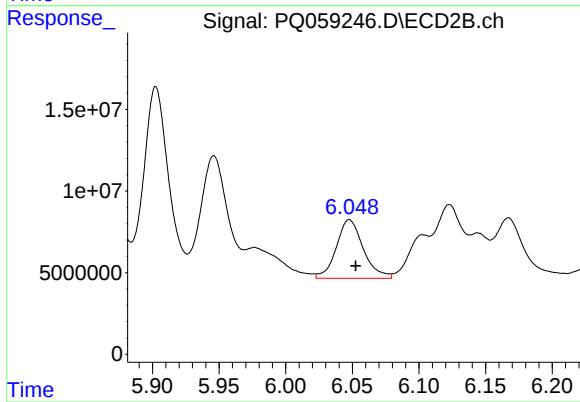
R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 153760396
Conc: 357.28 ng/ml



#27 AR-1254-2

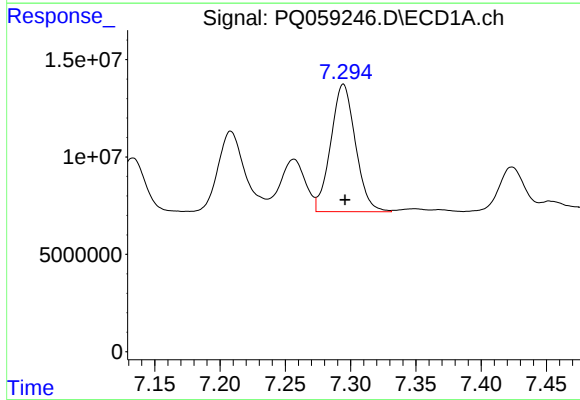
R.T.: 6.933 min
Delta R.T.: 0.008 min
Response: 162972832
Conc: 267.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



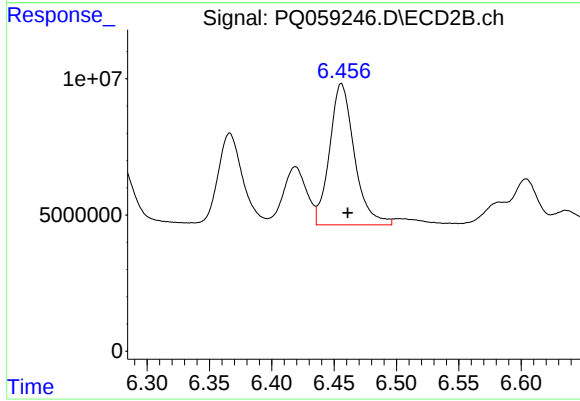
#27 AR-1254-2

R.T.: 6.048 min
Delta R.T.: -0.005 min
Response: 50702975
Conc: 133.91 ng/ml



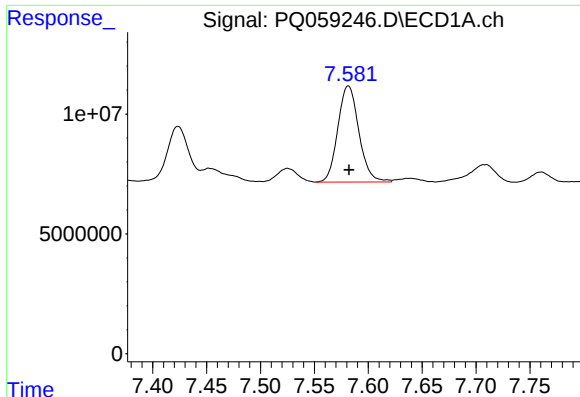
#28 AR-1254-3

R.T.: 7.294 min
Delta R.T.: -0.001 min
Response: 86292036
Conc: 138.55 ng/ml



#28 AR-1254-3

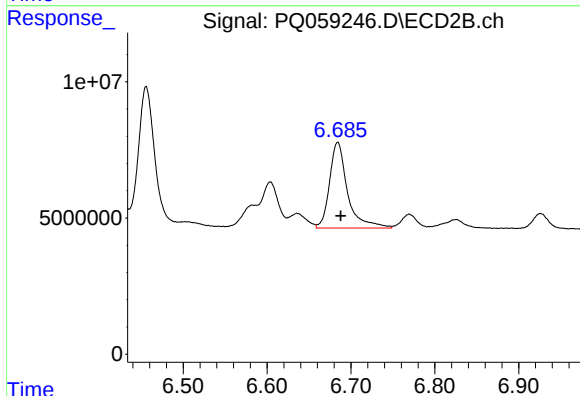
R.T.: 6.456 min
Delta R.T.: -0.005 min
Response: 71863499
Conc: 122.16 ng/ml



#29 AR-1254-4

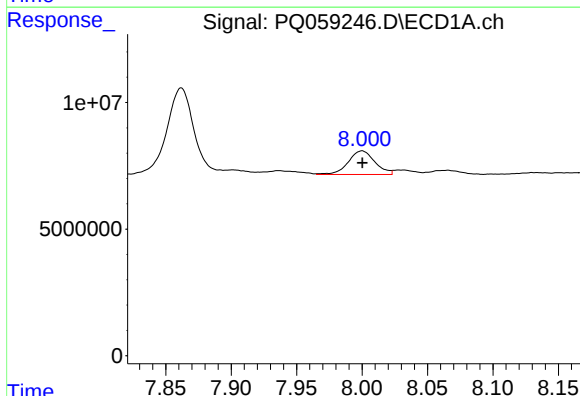
R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 54554787
Conc: 126.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



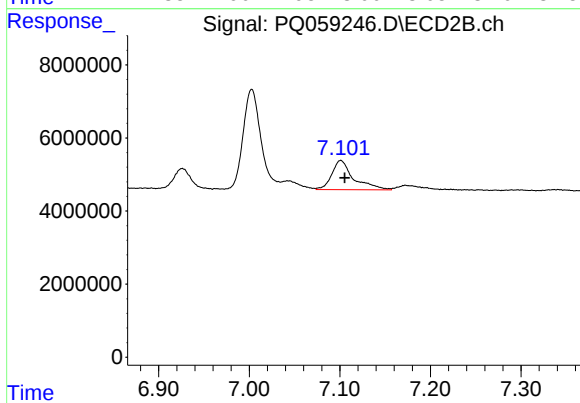
#29 AR-1254-4

R.T.: 6.684 min
Delta R.T.: -0.003 min
Response: 47010622
Conc: 114.64 ng/ml



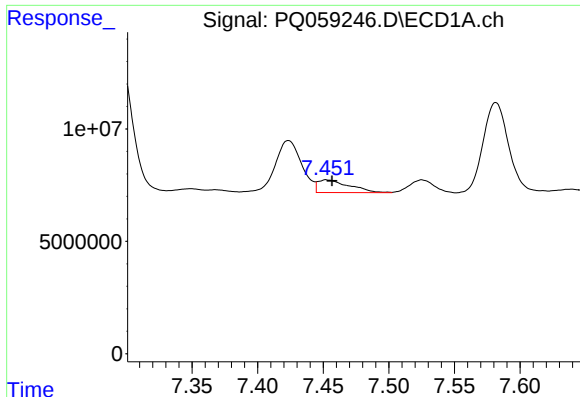
#30 AR-1254-5

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 13228916
Conc: 29.59 ng/ml



#30 AR-1254-5

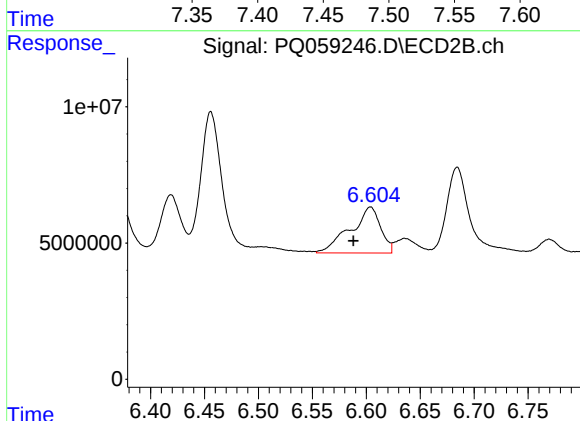
R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 13366016
Conc: 28.22 ng/ml



#31 AR-1260-1

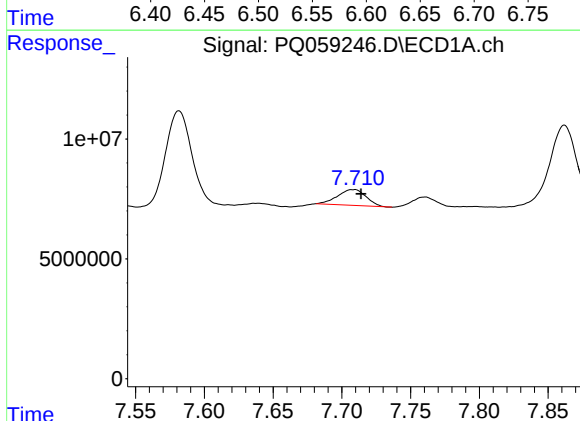
R.T.: 7.452 min
Delta R.T.: -0.004 min
Response: 9410079
Conc: 24.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



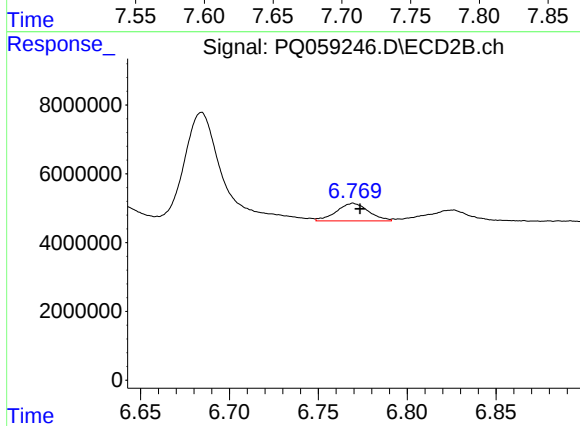
#31 AR-1260-1

R.T.: 6.604 min
Delta R.T.: 0.016 min
Response: 32937972
Conc: 100.49 ng/ml



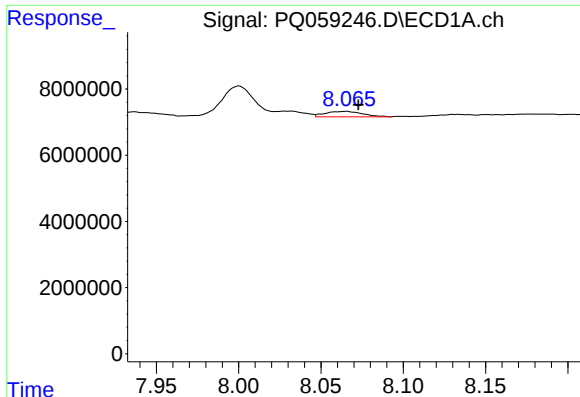
#32 AR-1260-2

R.T.: 7.709 min
Delta R.T.: -0.005 min
Response: 9502809
Conc: 21.17 ng/ml



#32 AR-1260-2

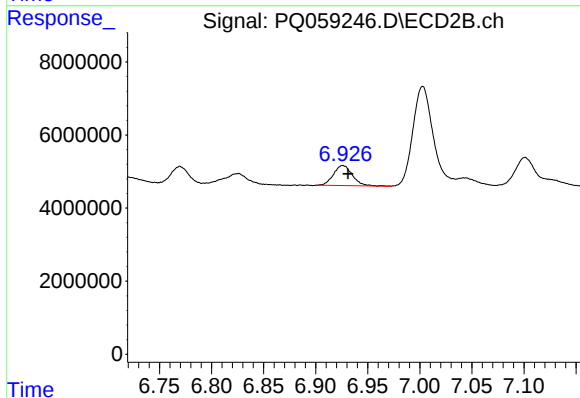
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 6474602
Conc: 16.65 ng/ml



#33 AR-1260-3

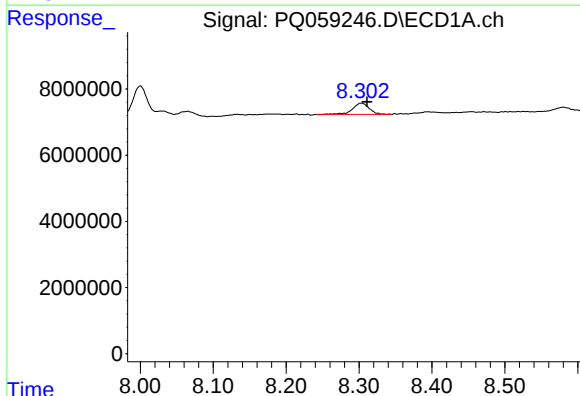
R.T.: 8.065 min
Delta R.T.: -0.008 min
Response: 2554012
Conc: 8.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



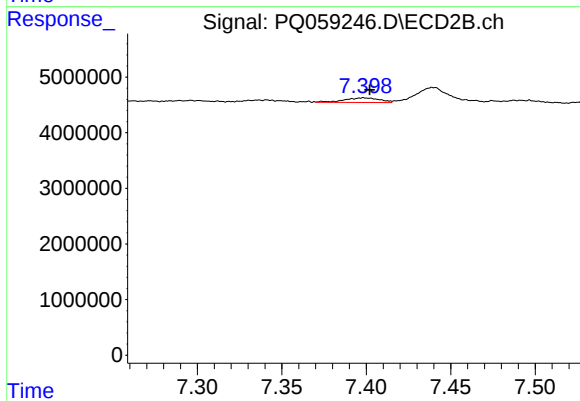
#33 AR-1260-3

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 6937838
Conc: 19.69 ng/ml



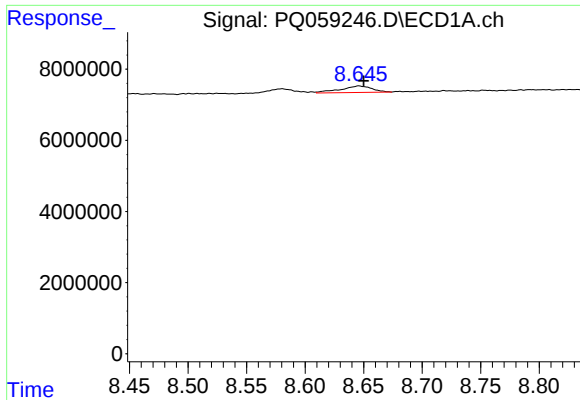
#34 AR-1260-4

R.T.: 8.303 min
Delta R.T.: -0.008 min
Response: 5395364
Conc: 15.45 ng/ml



#34 AR-1260-4

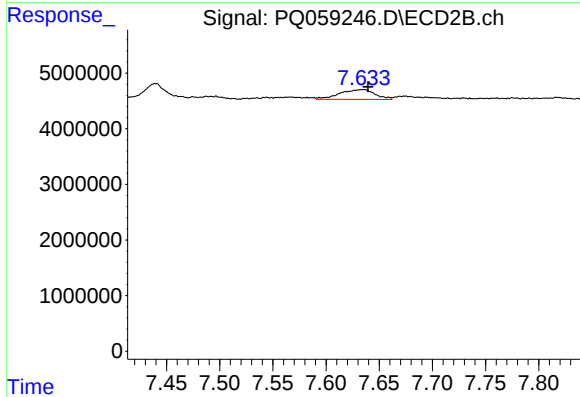
R.T.: 7.398 min
Delta R.T.: -0.004 min
Response: 1183057
Conc: 4.26 ng/ml



#35 AR-1260-5

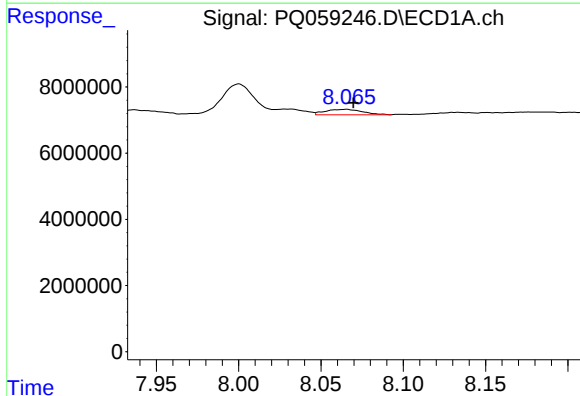
R.T.: 8.646 min
Delta R.T.: -0.004 min
Response: 3377670
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



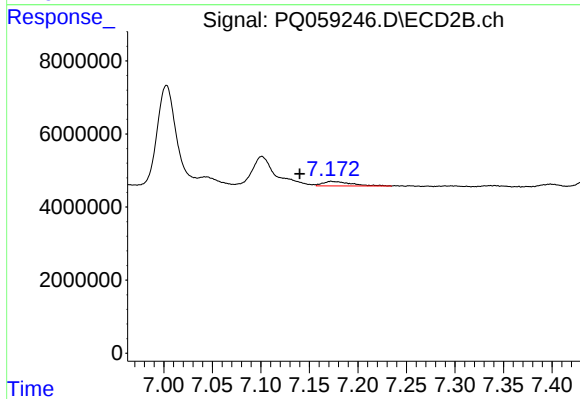
#35 AR-1260-5

R.T.: 7.635 min
Delta R.T.: -0.004 min
Response: 4085213
Conc: 6.41 ng/ml



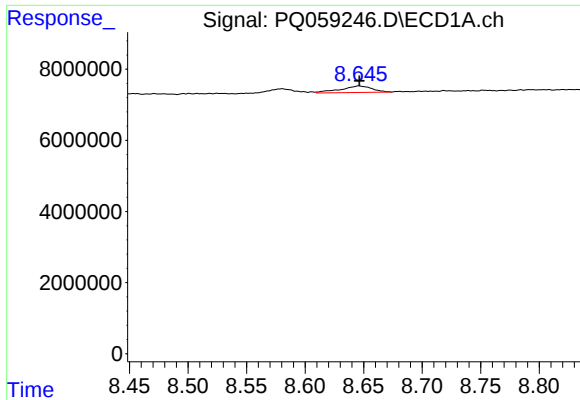
#36 AR-1262-1

R.T.: 8.065 min
Delta R.T.: -0.004 min
Response: 2554012
Conc: 4.82 ng/ml



#36 AR-1262-1

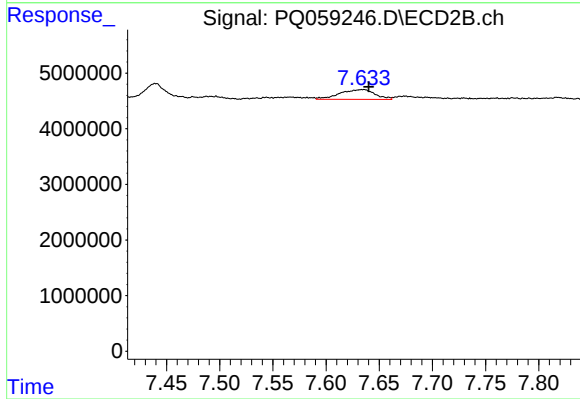
R.T.: 7.172 min
Delta R.T.: 0.032 min
Response: 2500870
Conc: 5.05 ng/ml



#37 AR-1262-2

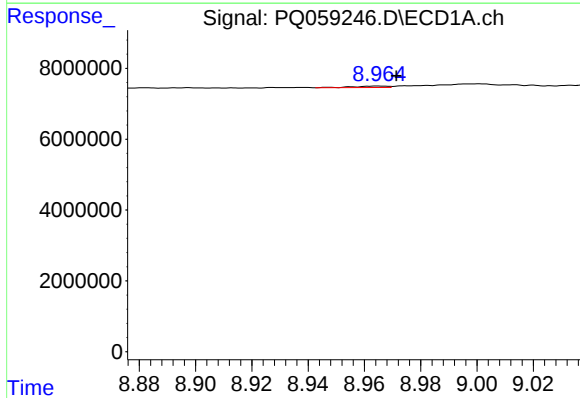
R.T.: 8.646 min
Delta R.T.: 0.000 min
Response: 3377670
Conc: 3.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



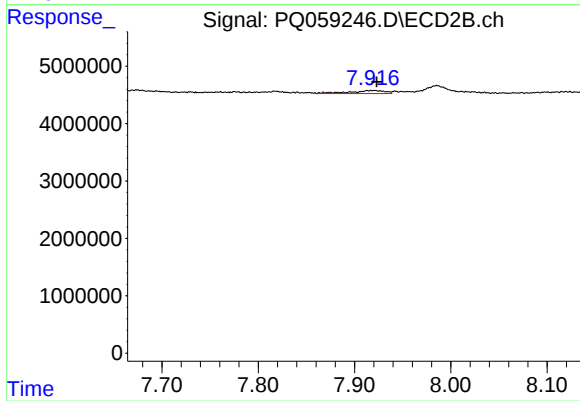
#37 AR-1262-2

R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 4085213
Conc: 5.06 ng/ml



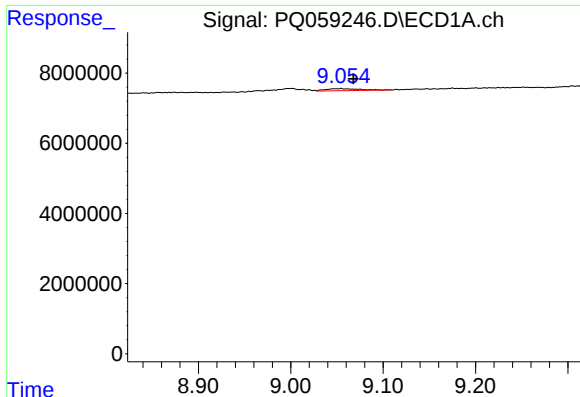
#38 AR-1262-3

R.T.: 8.965 min
Delta R.T.: -0.006 min
Response: 334455
Conc: 0.89 ng/ml



#38 AR-1262-3

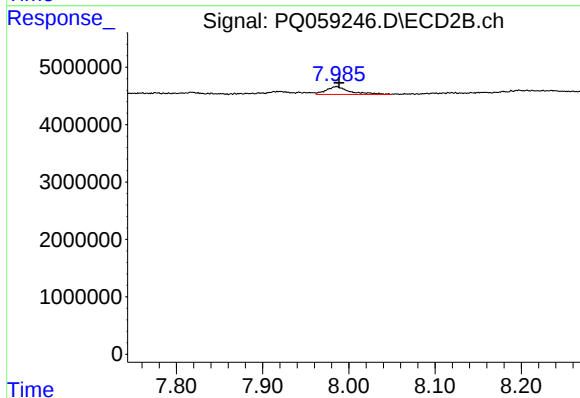
R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 1341660
Conc: 4.41 ng/ml



#39 AR-1262-4

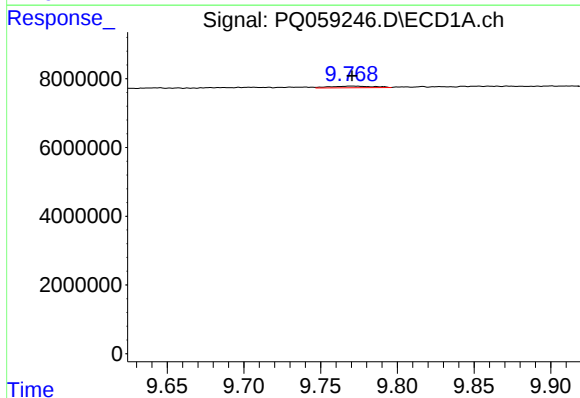
R.T.: 9.055 min
Delta R.T.: -0.013 min
Response: 1499321
Conc: 6.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



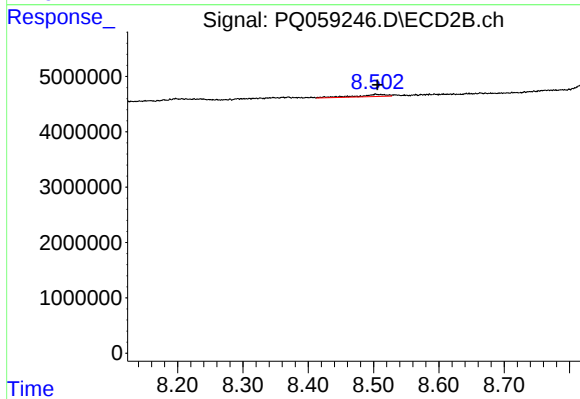
#39 AR-1262-4

R.T.: 7.986 min
Delta R.T.: -0.003 min
Response: 2646839
Conc: 4.73 ng/ml



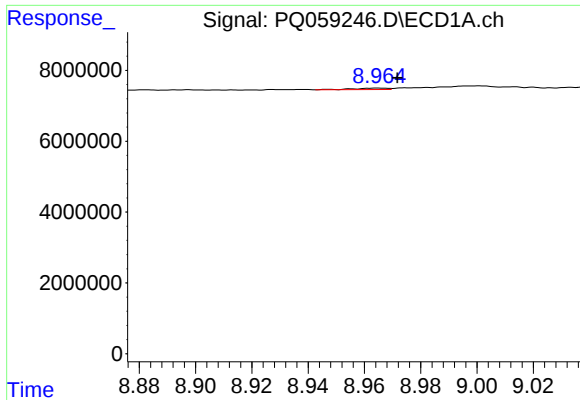
#40 AR-1262-5

R.T.: 9.770 min
Delta R.T.: 0.000 min
Response: 902893
Conc: 3.16 ng/ml



#40 AR-1262-5

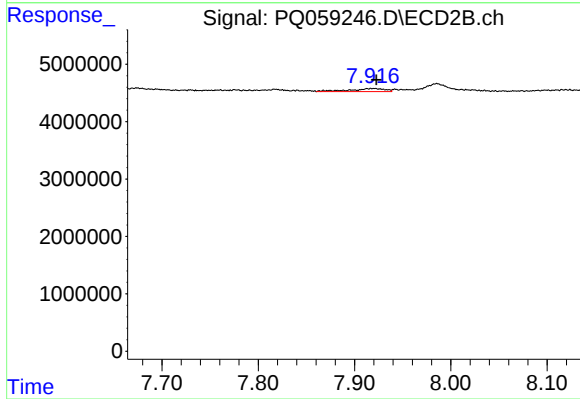
R.T.: 8.503 min
Delta R.T.: -0.002 min
Response: 1167449
Conc: 4.94 ng/ml



#41 AR-1268-1

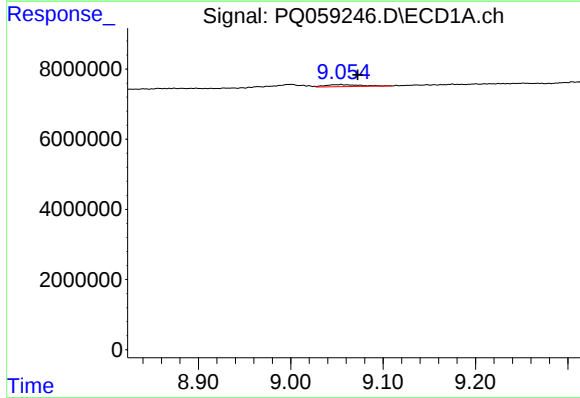
R.T.: 8.965 min
Delta R.T.: -0.007 min
Response: 334455
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



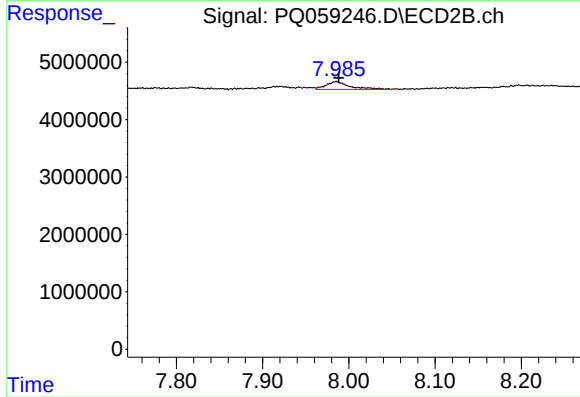
#41 AR-1268-1

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 1341660
Conc: 1.47 ng/ml



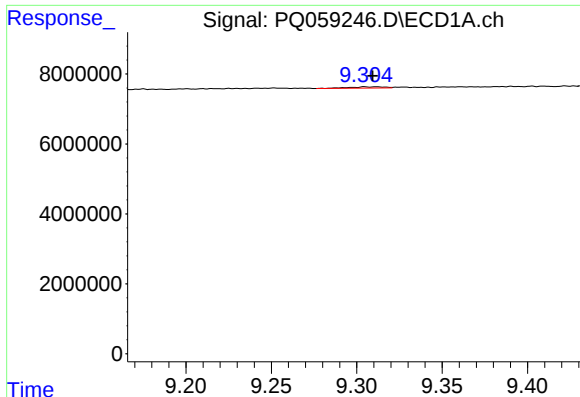
#42 AR-1268-2

R.T.: 9.055 min
Delta R.T.: -0.018 min
Response: 1499321
Conc: 1.61 ng/ml



#42 AR-1268-2

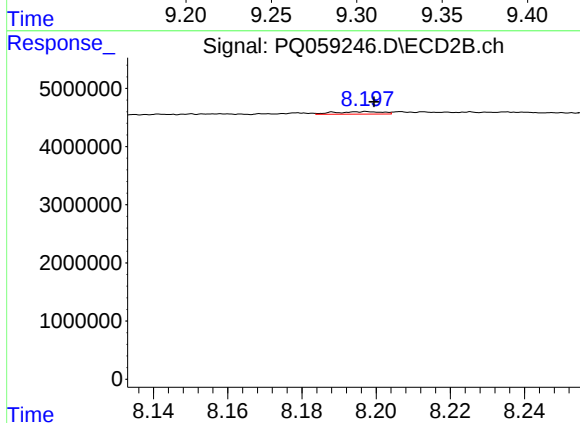
R.T.: 7.986 min
Delta R.T.: -0.003 min
Response: 2646839
Conc: 3.21 ng/ml



#43 AR-1268-3

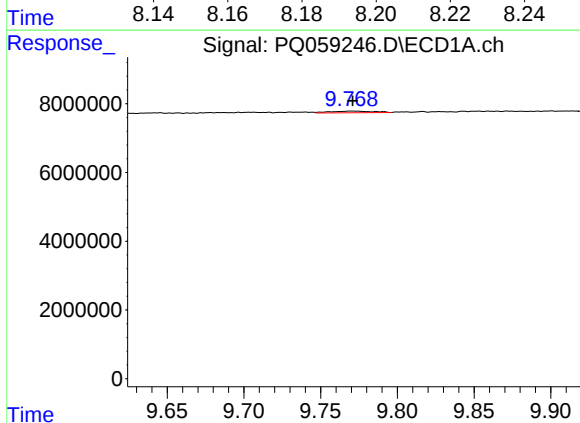
R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 510335
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



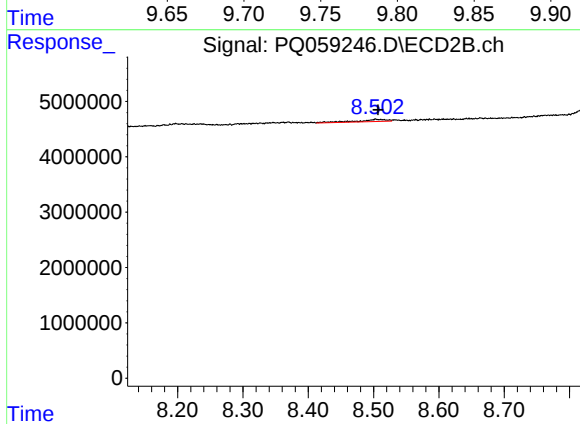
#43 AR-1268-3

R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 383202
Conc: 0.55 ng/ml



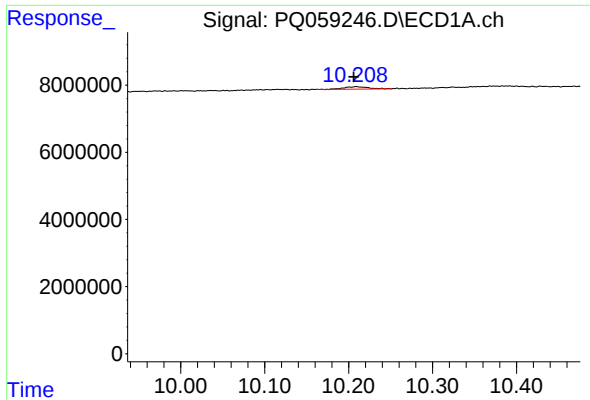
#44 AR-1268-4

R.T.: 9.770 min
Delta R.T.: 0.000 min
Response: 902893
Conc: 2.80 ng/ml



#44 AR-1268-4

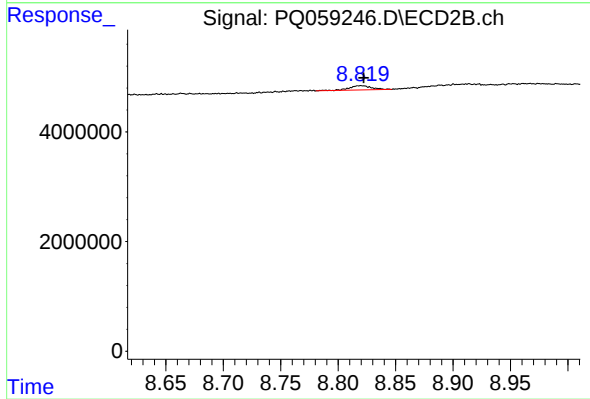
R.T.: 8.503 min
Delta R.T.: -0.004 min
Response: 1167449
Conc: 4.29 ng/ml



#45 AR-1268-5

R.T.: 10.209 min
Delta R.T.: 0.003 min
Response: 1403215
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.819 min
Delta R.T.: -0.003 min
Response: 1055349
Conc: 0.54 ng/ml