

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
 Data File : PQ055247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2021 03:27
 Operator : AJ\MA
 Sample : M4068-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 06:09:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.245	4.320	285.7E6	168.3E6	16.252	16.364
2)	SA Decachlor...	11.434	9.724	298.8E6	155.7E6	18.945	17.385
Target Compounds							
3)	L1 AR-1016-1	6.567	5.591	4860764	2502204	8.244	6.980
4)	L1 AR-1016-2	6.592	5.613	7148538	5342273	7.952	10.377 #
5)	L1 AR-1016-3	6.655	5.807	4204781	2227340	7.488	8.317
6)	L1 AR-1016-4	6.764	5.857	3578229	1548399	7.494	7.138
7)	L1 AR-1016-5	7.082	6.087	2695559	1307563	6.184	4.776
8)	L2 AR-1221-1	5.498	4.581	16814155	1156429	80.659	10.722 #
9)	L2 AR-1221-2	5.601	4.678	8770486	3438524	50.123	44.371
10)	L2 AR-1221-3	5.680	4.771	8979948	3774086	19.967	14.655 #
11)	L3 AR-1232-1	5.680	4.771	8979948	3774086	23.651	17.365 #
12)	L3 AR-1232-2	6.273	5.613	3388307	5342273	16.969	25.357 #
13)	L3 AR-1232-3	6.592	5.807	7148538	2227340	18.768	20.294
14)	L3 AR-1232-4	6.764	5.902	3578229	1830638	17.474	18.858
15)	L3 AR-1232-5	6.864	6.087	1860788	1307563	13.383	12.687
16)	L4 AR-1242-1	6.567	5.591	4860764	2502204	11.117	9.393
17)	L4 AR-1242-2	6.592	5.613	7148538	5342273	10.647	13.793 #
18)	L4 AR-1242-3	6.655	5.807	4204781	2227340	9.941	11.045
19)	L4 AR-1242-4	6.764	5.902	3578229	1830638	10.039	9.351
20)	L4 AR-1242-5	7.554	6.469	3995304	3082290	10.938	12.224
21)	L5 AR-1248-1	6.567	5.591	4860764	2502204	14.292	12.502
22)	L5 AR-1248-2	6.864	5.857	1860788	1548399	4.060	5.507 #
23)	L5 AR-1248-3	7.082	5.902	2695559	1830638	4.998	6.257 #
24)	L5 AR-1248-4	7.508	6.087	4657259	1307563	7.675	3.756 #
25)	L5 AR-1248-5	7.554	6.512	3995304	3362366	6.528	9.663 #
26)	L6 AR-1254-1	7.482	6.469	7143982	3082290	12.169	5.573 #
27)	L6 AR-1254-2	7.717	6.627	2428341	3585724	2.679	7.577 #
28)	L6 AR-1254-3	0.000	7.054	0	4474983	N.D.	5.700 #
29)	L6 AR-1254-4	8.409f	7.295	10156571	3015756	13.499	6.320 #
30)	L6 AR-1254-5	0.000	7.729	0	200349	N.D.	0.300 #
31)	L7 AR-1260-1	0.000	7.193	0	1343133	N.D.	2.680 #
32)	L7 AR-1260-2	8.535	7.391	7278477	1911616	8.771	3.161 #
33)	L7 AR-1260-3	0.000	7.534f	0	1393460	N.D.	2.440 #
34)	L7 AR-1260-4	0.000	8.025	0	651800	N.D.	1.376 #
35)	L7 AR-1260-5	0.000	8.279	0	589316	N.D.	0.510 #
36)	L8 AR-1262-1	0.000	7.729	0	200349	N.D.	0.589 #
37)	L8 AR-1262-2	0.000	8.279	0	589316	N.D.	0.478 #
38)	L8 AR-1262-3	0.000	8.583	0	3152554	N.D.	6.821 #
40)	L8 AR-1262-5	0.000	9.148	0	1830266	N.D.	4.558 #
41)	L9 AR-1268-1	0.000	8.583	0	3152554	N.D.	2.228 #
43)	L9 AR-1268-3	0.000	8.841	0	6851101	N.D.	6.263 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 06:09:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 30 02:09:05 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	9.148	0	1830266	N.D.	4.051 #
45) L9	AR-1268-5	0.000	9.450	0	821216	N.D.	0.232 #

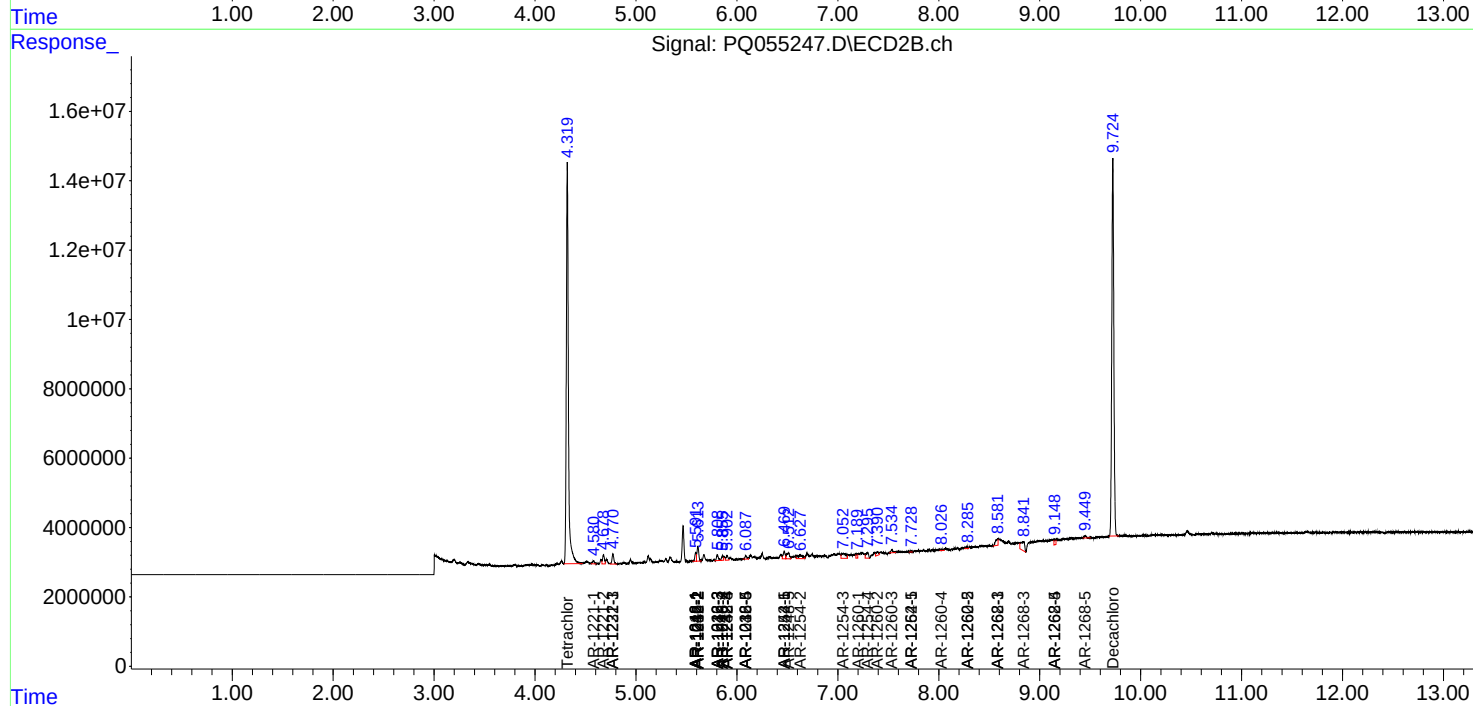
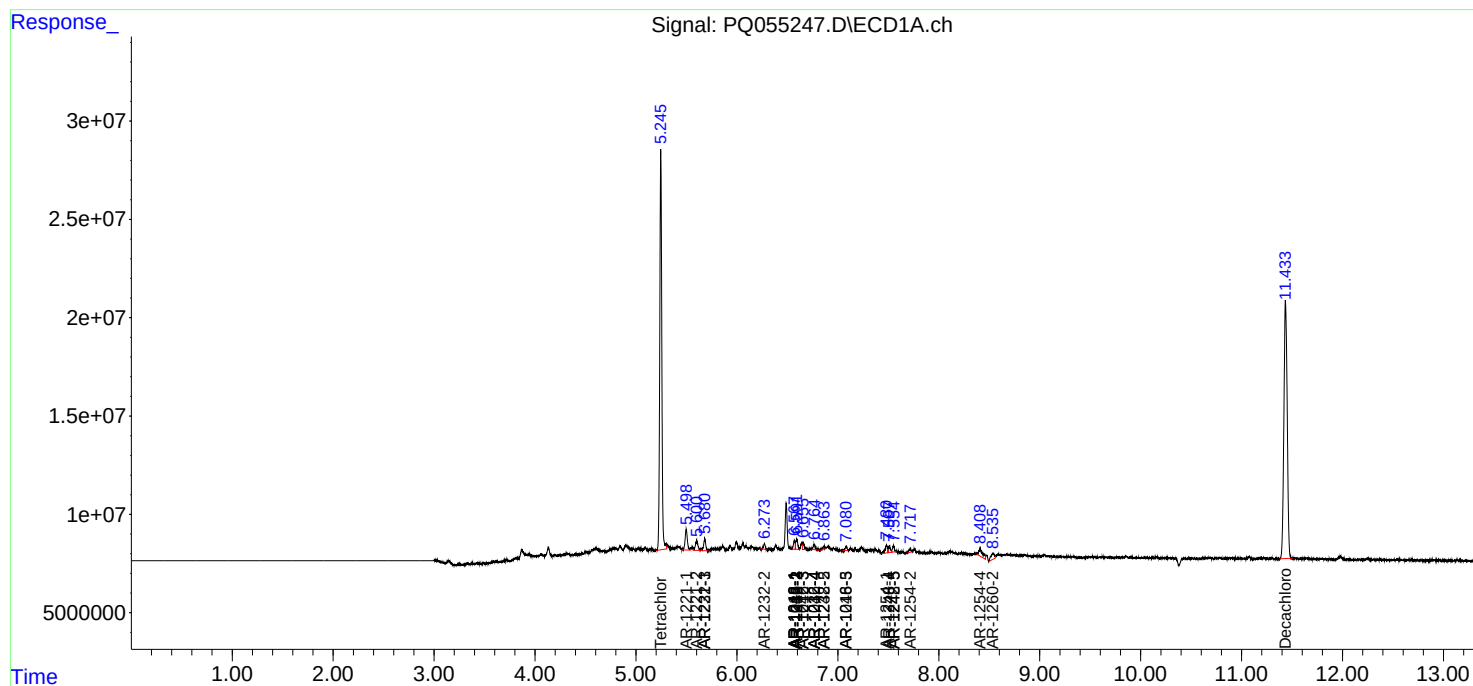
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

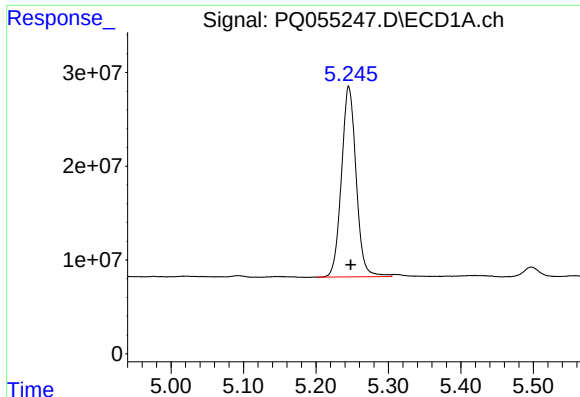
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ113021\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

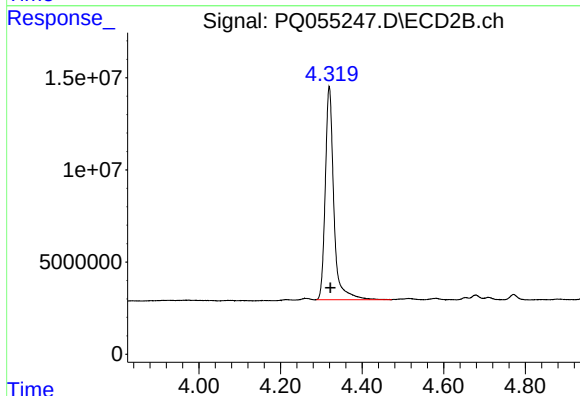




#1 Tetrachloro-m-xylene

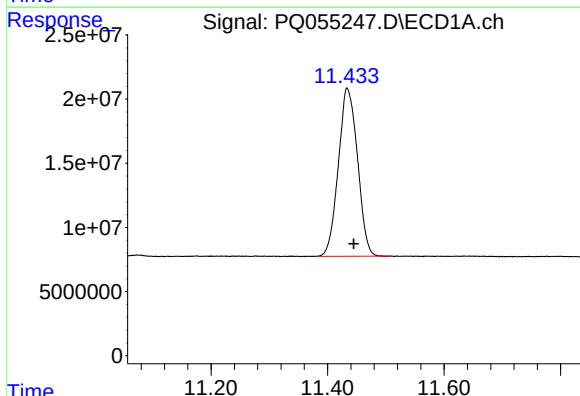
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 285736455
Conc: 16.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



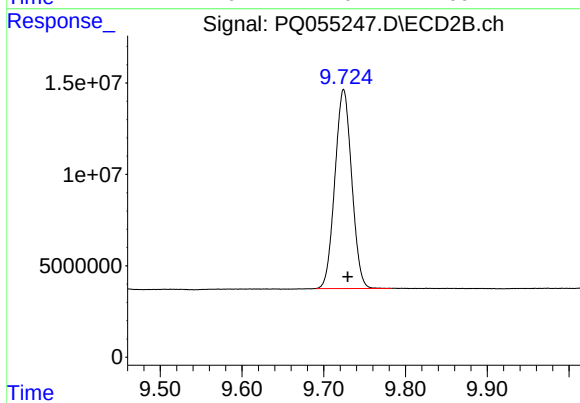
#1 Tetrachloro-m-xylene

R.T.: 4.320 min
Delta R.T.: -0.002 min
Response: 168273116
Conc: 16.36 ng/ml



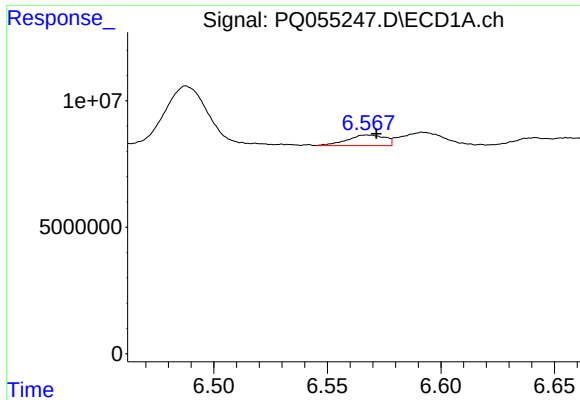
#2 Decachlorobiphenyl

R.T.: 11.434 min
Delta R.T.: -0.011 min
Response: 298819720
Conc: 18.95 ng/ml



#2 Decachlorobiphenyl

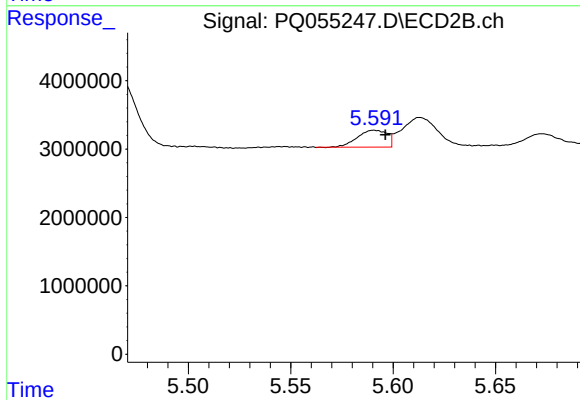
R.T.: 9.724 min
Delta R.T.: -0.005 min
Response: 155664708
Conc: 17.38 ng/ml



#3 AR-1016-1

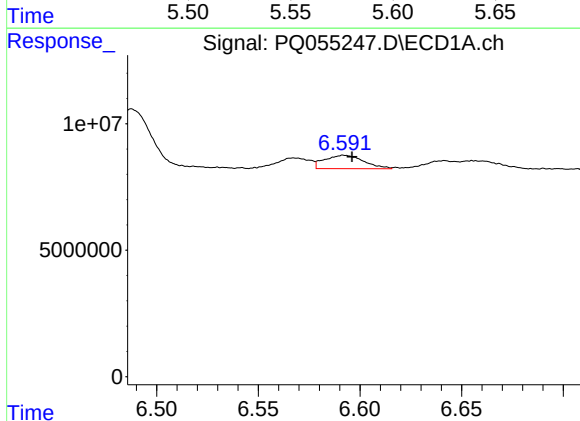
R.T.: 6.567 min
Delta R.T.: -0.004 min
Response: 4860764
Conc: 8.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



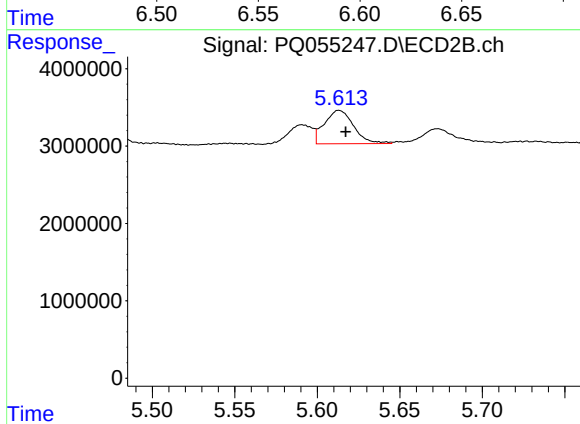
#3 AR-1016-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 2502204
Conc: 6.98 ng/ml



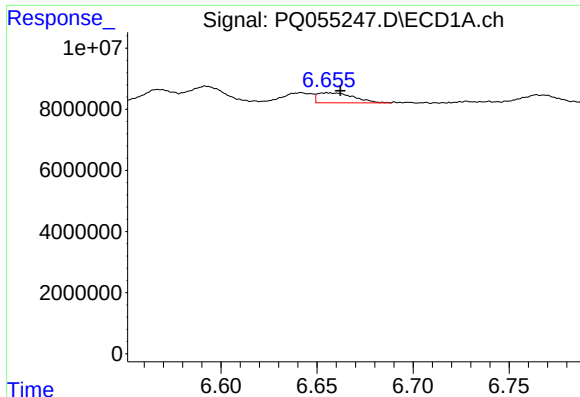
#4 AR-1016-2

R.T.: 6.592 min
Delta R.T.: -0.004 min
Response: 7148538
Conc: 7.95 ng/ml



#4 AR-1016-2

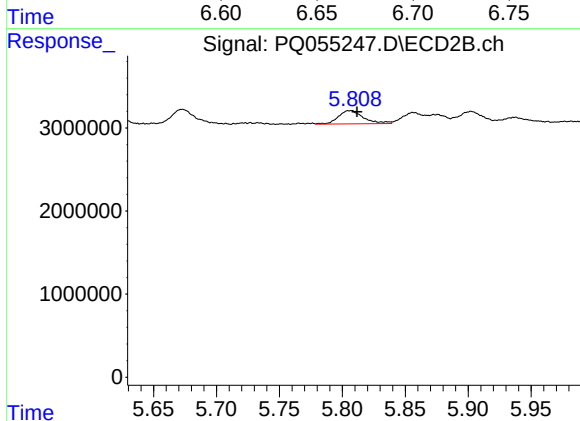
R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 5342273
Conc: 10.38 ng/ml



#5 AR-1016-3

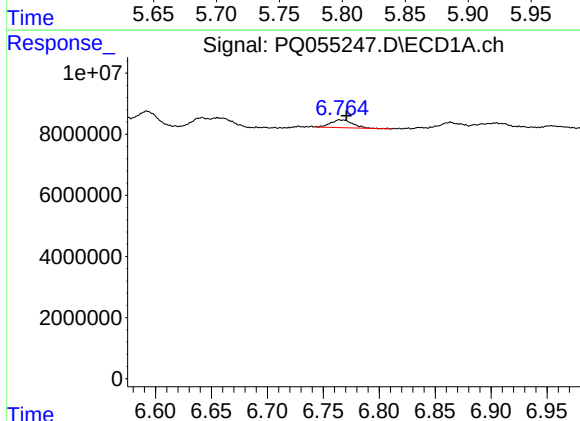
R.T.: 6.655 min
Delta R.T.: -0.007 min
Response: 4204781
Conc: 7.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



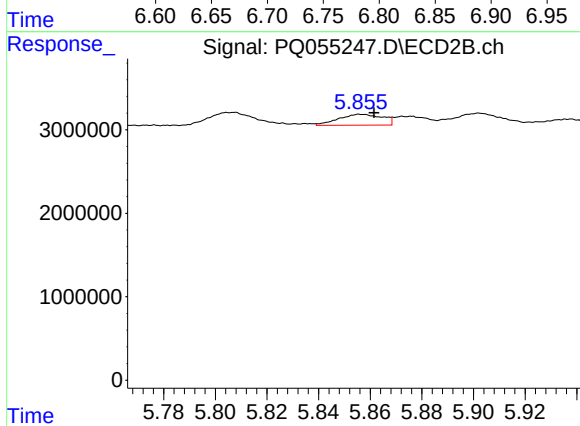
#5 AR-1016-3

R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 2227340
Conc: 8.32 ng/ml



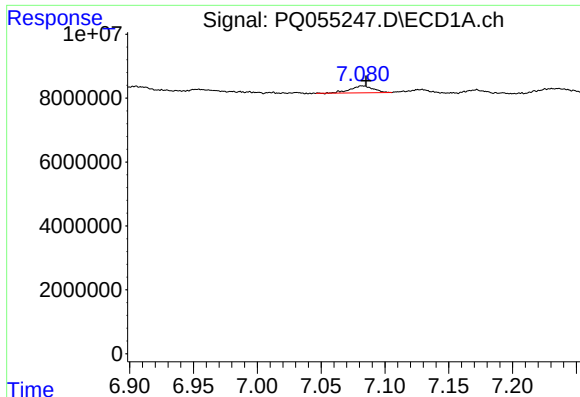
#6 AR-1016-4

R.T.: 6.764 min
Delta R.T.: -0.006 min
Response: 3578229
Conc: 7.49 ng/ml



#6 AR-1016-4

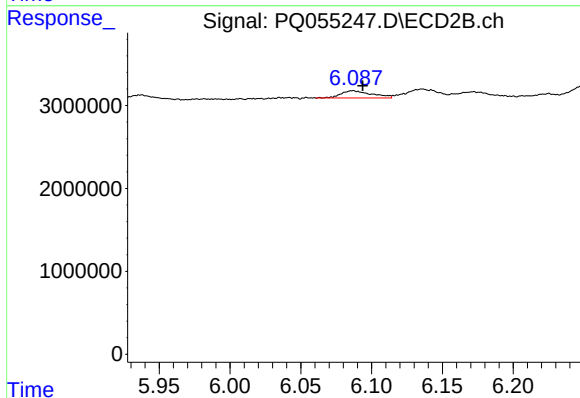
R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 1548399
Conc: 7.14 ng/ml



#7 AR-1016-5

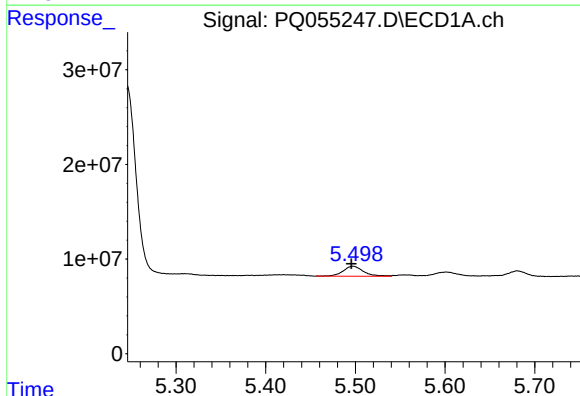
R.T.: 7.082 min
Delta R.T.: -0.003 min
Response: 2695559
Conc: 6.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



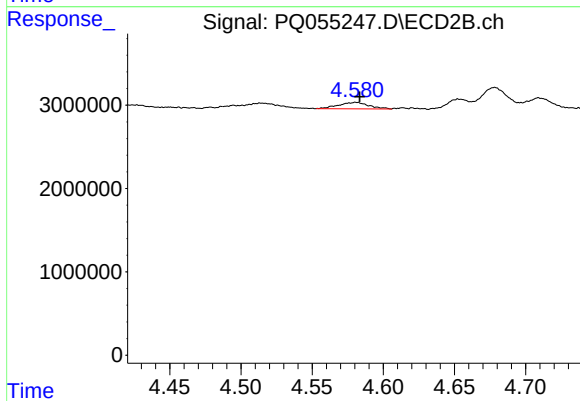
#7 AR-1016-5

R.T.: 6.087 min
Delta R.T.: -0.007 min
Response: 1307563
Conc: 4.78 ng/ml



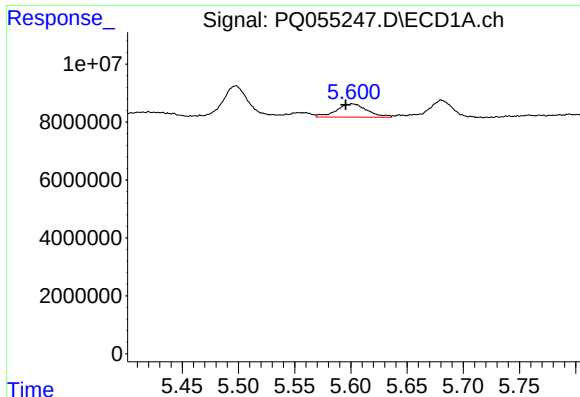
#8 AR-1221-1

R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 16814155
Conc: 80.66 ng/ml



#8 AR-1221-1

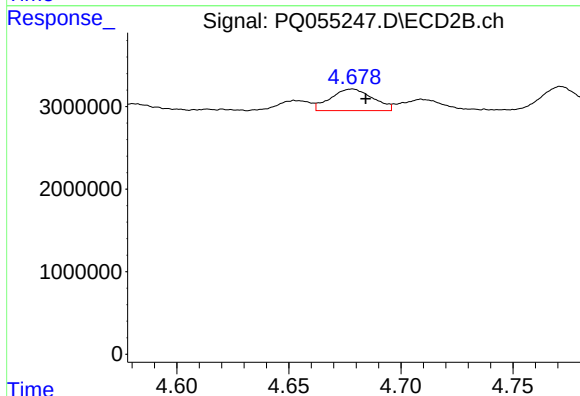
R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 1156429
Conc: 10.72 ng/ml



#9 AR-1221-2

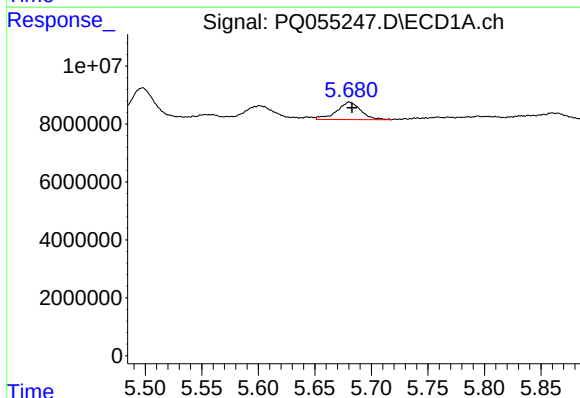
R.T.: 5.601 min
Delta R.T.: 0.006 min
Response: 8770486
Conc: 50.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



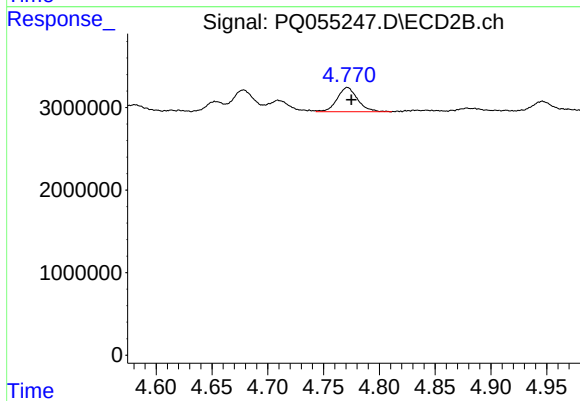
#9 AR-1221-2

R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 3438524
Conc: 44.37 ng/ml



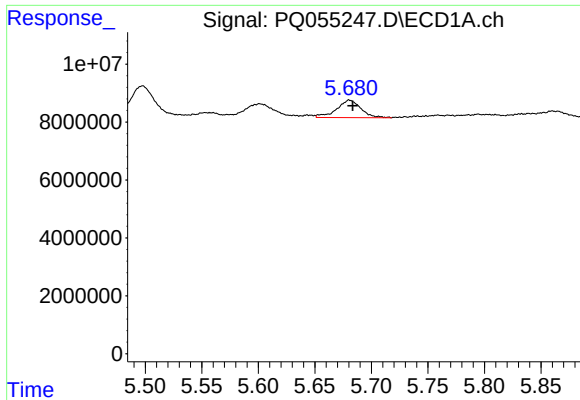
#10 AR-1221-3

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 8979948
Conc: 19.97 ng/ml



#10 AR-1221-3

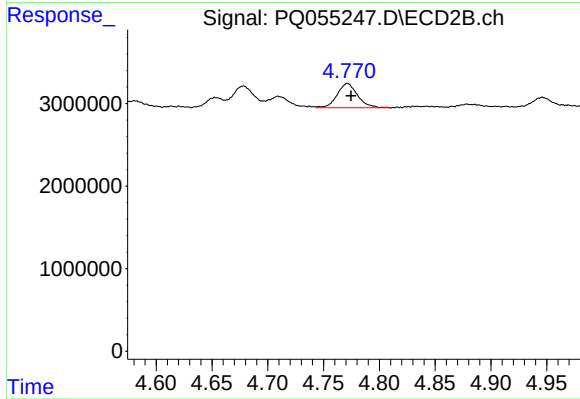
R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 3774086
Conc: 14.66 ng/ml



#11 AR-1232-1

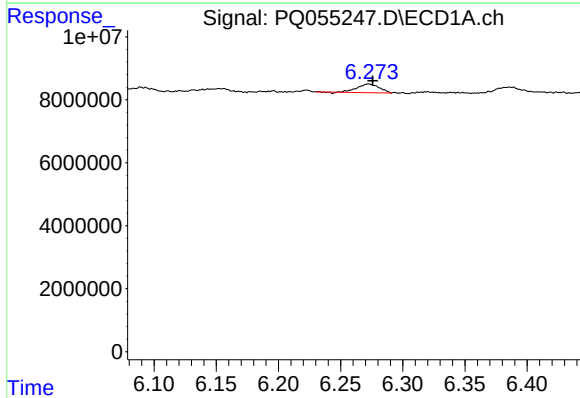
R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 8979948
Conc: 23.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



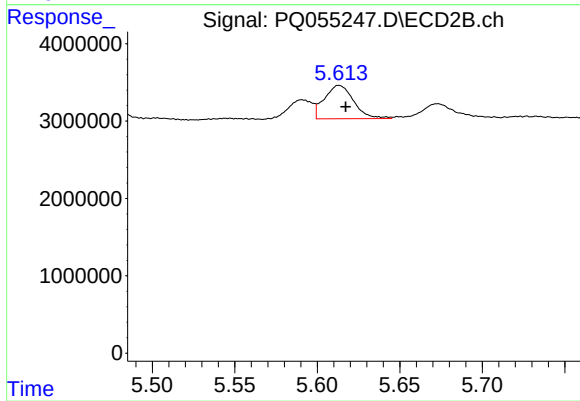
#11 AR-1232-1

R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 3774086
Conc: 17.37 ng/ml



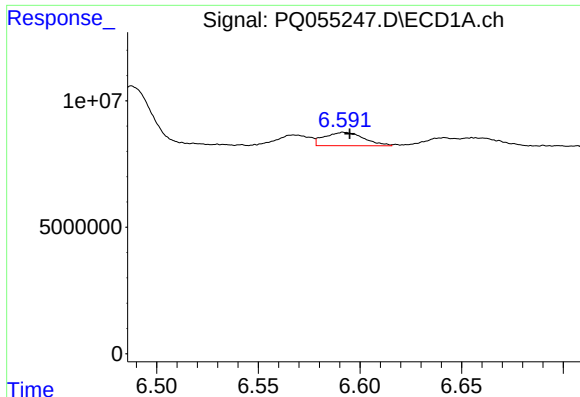
#12 AR-1232-2

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 3388307
Conc: 16.97 ng/ml



#12 AR-1232-2

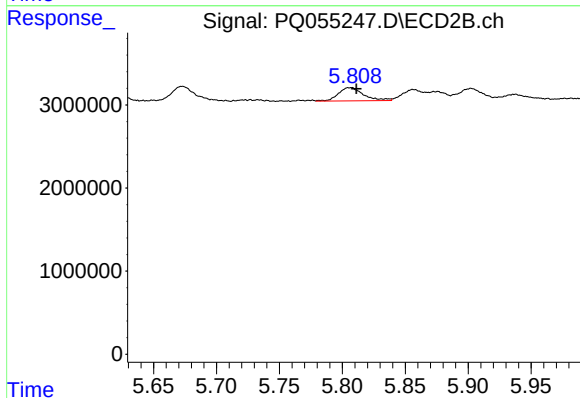
R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 5342273
Conc: 25.36 ng/ml



#13 AR-1232-3

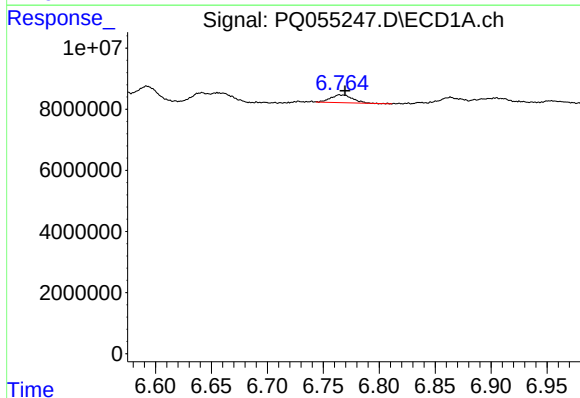
R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 7148538
Conc: 18.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



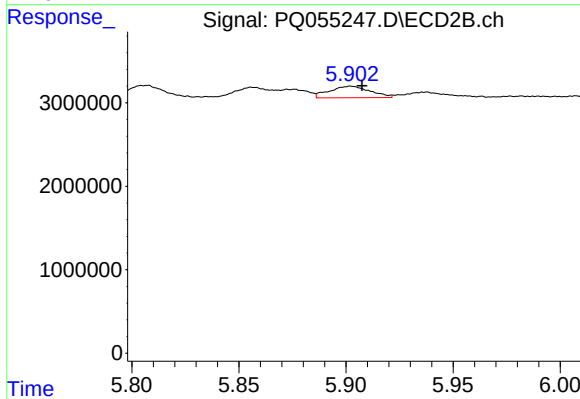
#13 AR-1232-3

R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 2227340
Conc: 20.29 ng/ml



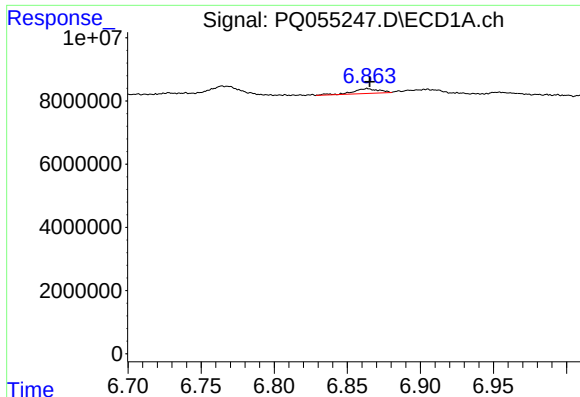
#14 AR-1232-4

R.T.: 6.764 min
Delta R.T.: -0.005 min
Response: 3578229
Conc: 17.47 ng/ml



#14 AR-1232-4

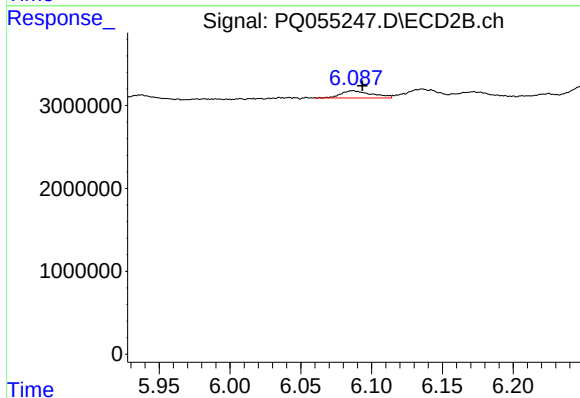
R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 1830638
Conc: 18.86 ng/ml



#15 AR-1232-5

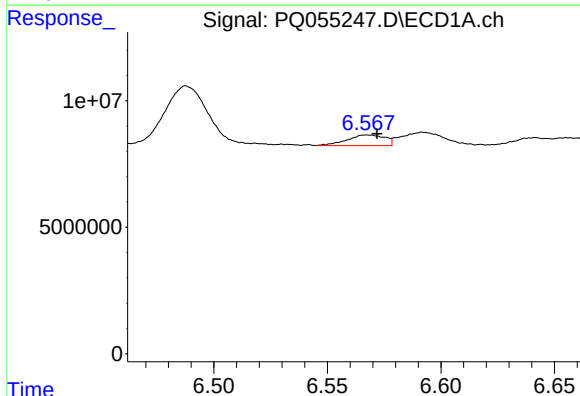
R.T.: 6.864 min
Delta R.T.: -0.002 min
Response: 1860788
Conc: 13.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



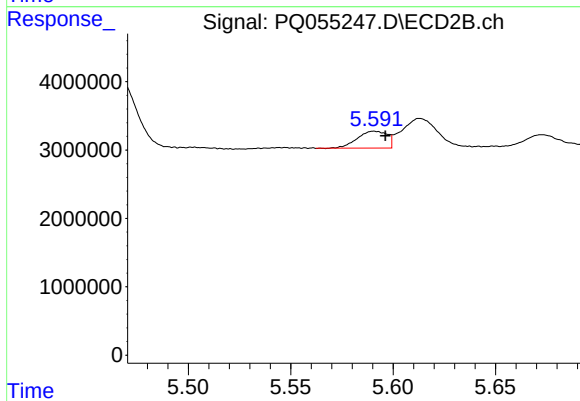
#15 AR-1232-5

R.T.: 6.087 min
Delta R.T.: -0.007 min
Response: 1307563
Conc: 12.69 ng/ml



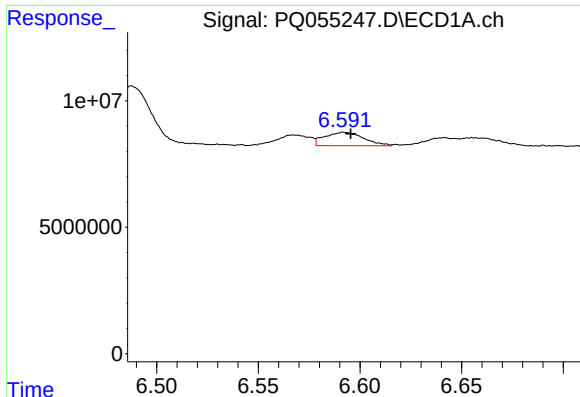
#16 AR-1242-1

R.T.: 6.567 min
Delta R.T.: -0.005 min
Response: 4860764
Conc: 11.12 ng/ml



#16 AR-1242-1

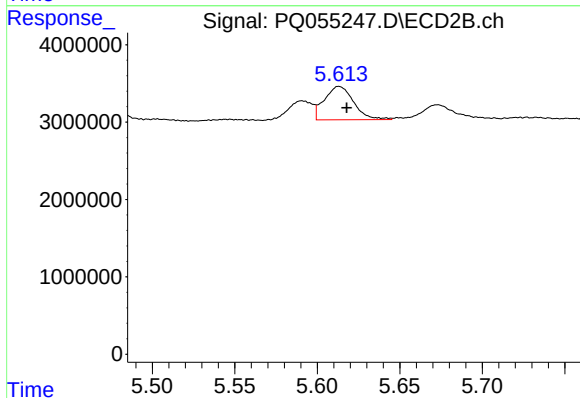
R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 2502204
Conc: 9.39 ng/ml



#17 AR-1242-2

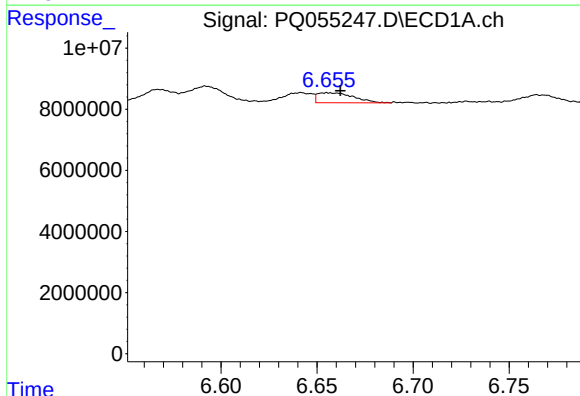
R.T.: 6.592 min
Delta R.T.: -0.004 min
Response: 7148538
Conc: 10.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



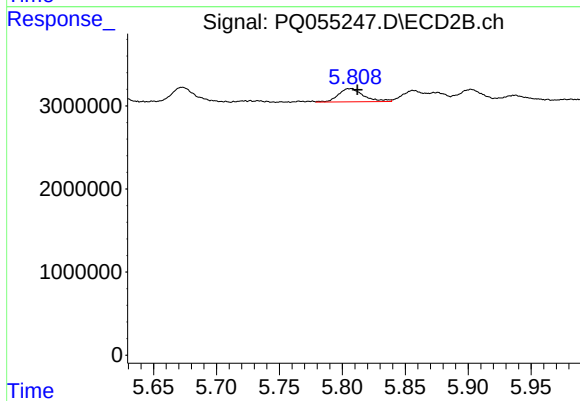
#17 AR-1242-2

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 5342273
Conc: 13.79 ng/ml



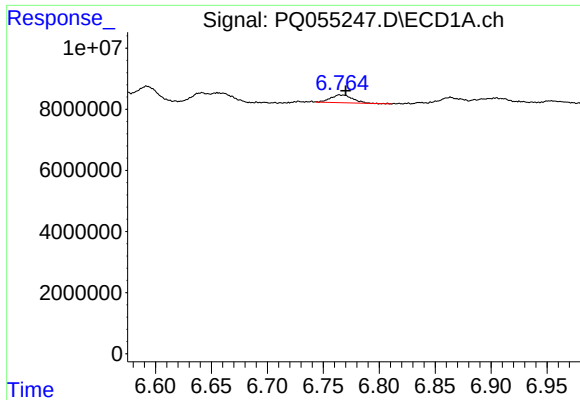
#18 AR-1242-3

R.T.: 6.655 min
Delta R.T.: -0.007 min
Response: 4204781
Conc: 9.94 ng/ml



#18 AR-1242-3

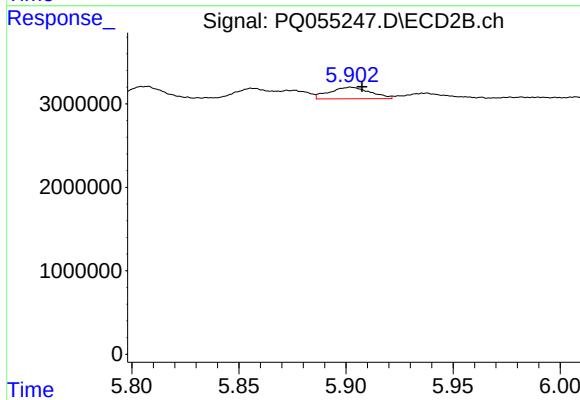
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 2227340
Conc: 11.05 ng/ml



#19 AR-1242-4

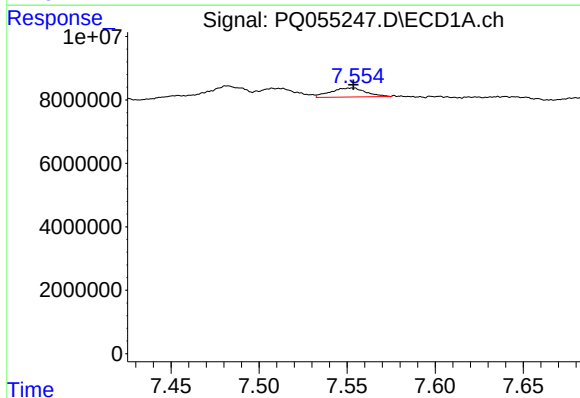
R.T.: 6.764 min
Delta R.T.: -0.006 min
Response: 3578229
Conc: 10.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



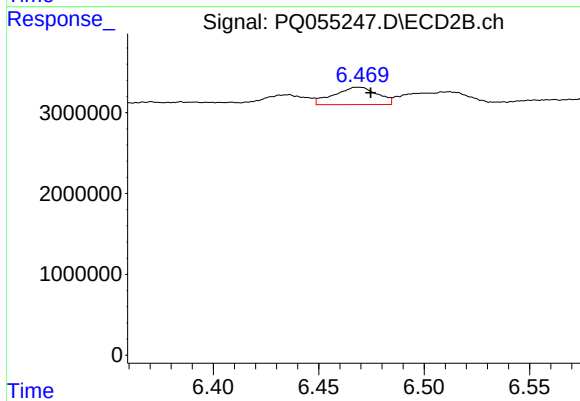
#19 AR-1242-4

R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 1830638
Conc: 9.35 ng/ml



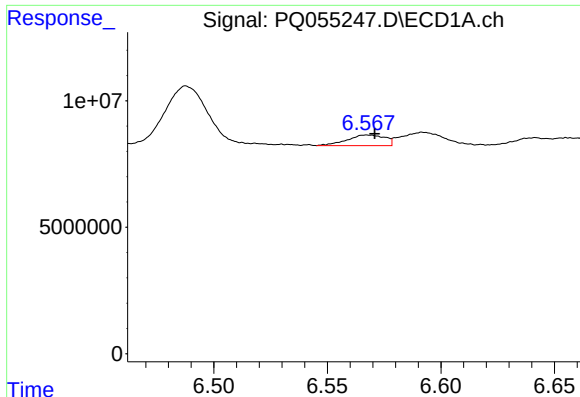
#20 AR-1242-5

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 3995304
Conc: 10.94 ng/ml



#20 AR-1242-5

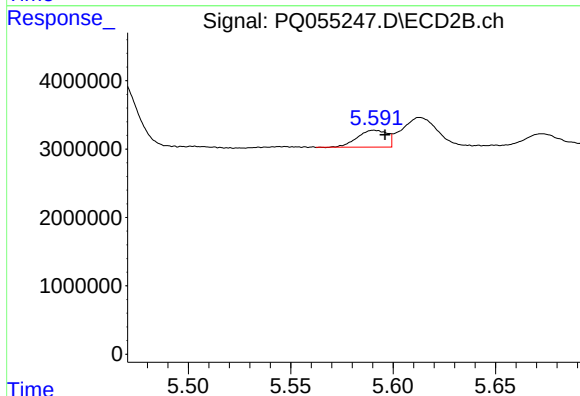
R.T.: 6.469 min
Delta R.T.: -0.006 min
Response: 3082290
Conc: 12.22 ng/ml



#21 AR-1248-1

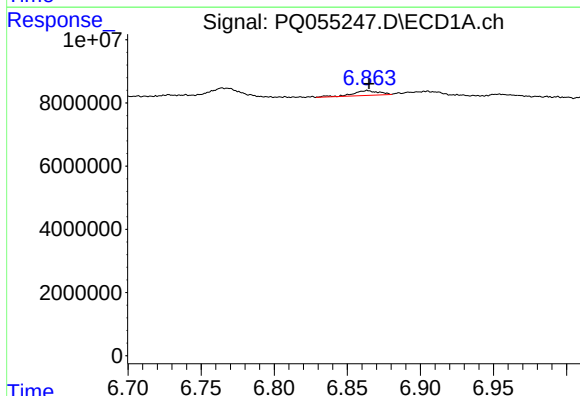
R.T.: 6.567 min
Delta R.T.: -0.004 min
Response: 4860764
Conc: 14.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



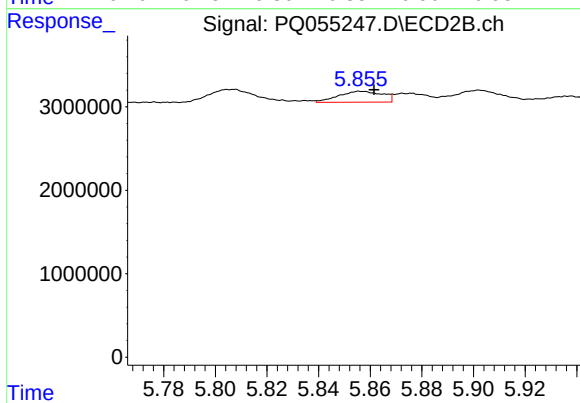
#21 AR-1248-1

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 2502204
Conc: 12.50 ng/ml



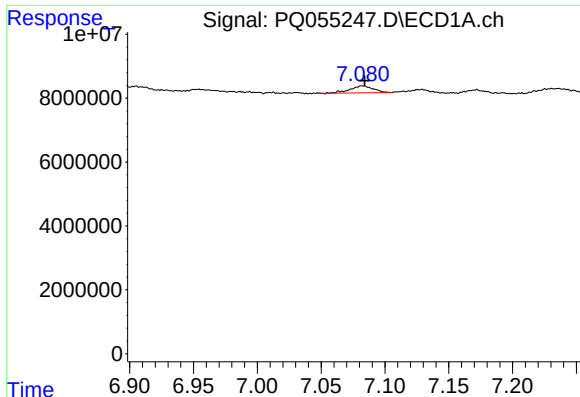
#22 AR-1248-2

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 1860788
Conc: 4.06 ng/ml



#22 AR-1248-2

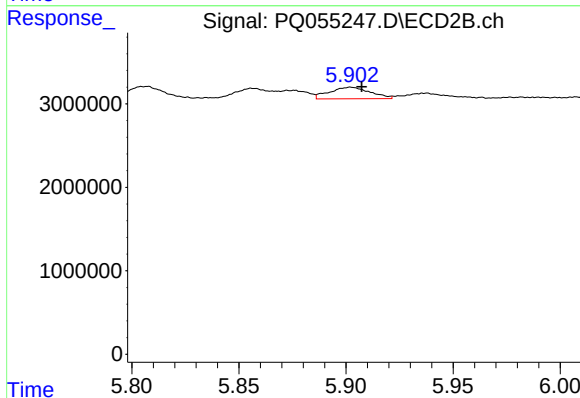
R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 1548399
Conc: 5.51 ng/ml



#23 AR-1248-3

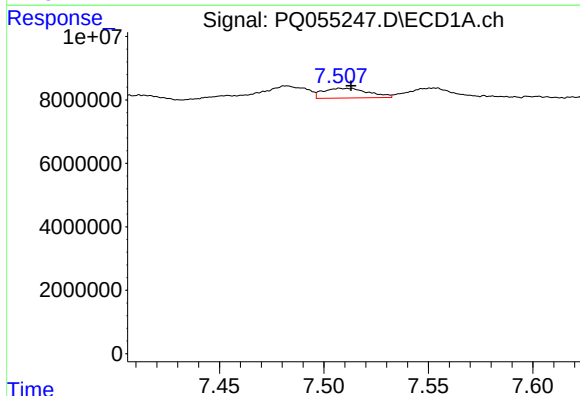
R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 2695559
Conc: 5.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



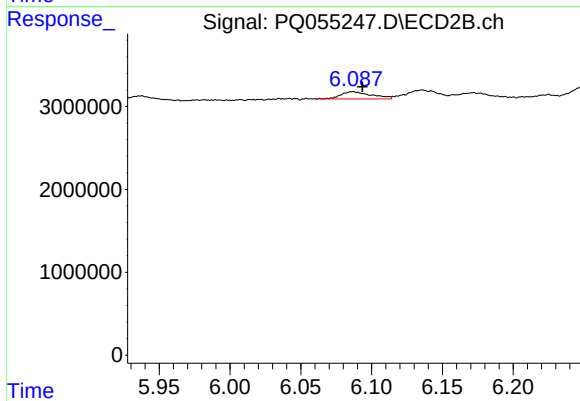
#23 AR-1248-3

R.T.: 5.902 min
Delta R.T.: -0.005 min
Response: 1830638
Conc: 6.26 ng/ml



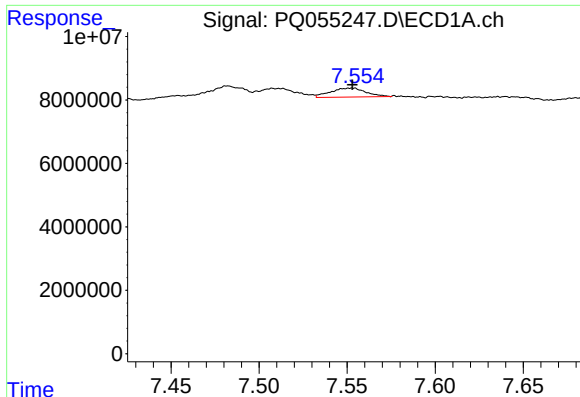
#24 AR-1248-4

R.T.: 7.508 min
Delta R.T.: -0.005 min
Response: 4657259
Conc: 7.68 ng/ml



#24 AR-1248-4

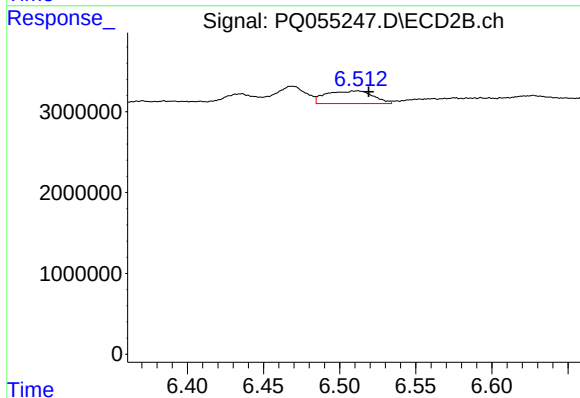
R.T.: 6.087 min
Delta R.T.: -0.007 min
Response: 1307563
Conc: 3.76 ng/ml



#25 AR-1248-5

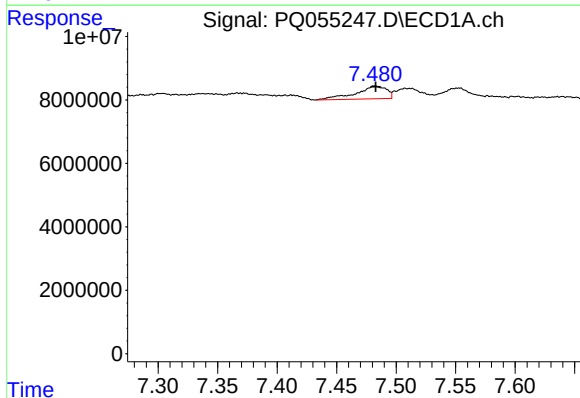
R.T.: 7.554 min
Delta R.T.: 0.001 min
Response: 3995304
Conc: 6.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



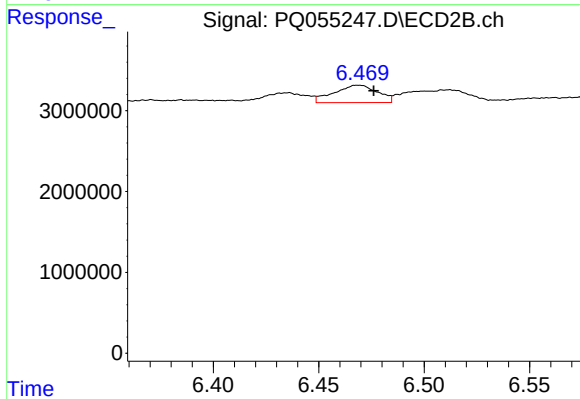
#25 AR-1248-5

R.T.: 6.512 min
Delta R.T.: -0.007 min
Response: 3362366
Conc: 9.66 ng/ml



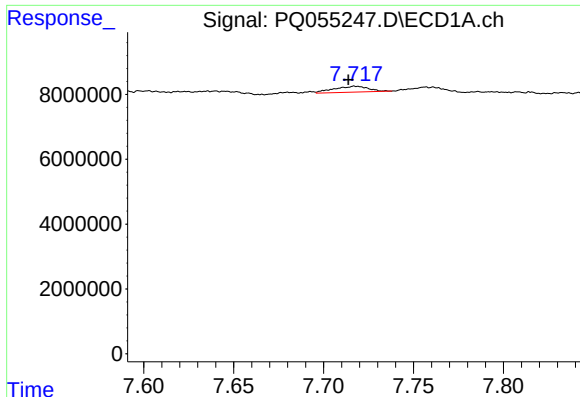
#26 AR-1254-1

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 7143982
Conc: 12.17 ng/ml



#26 AR-1254-1

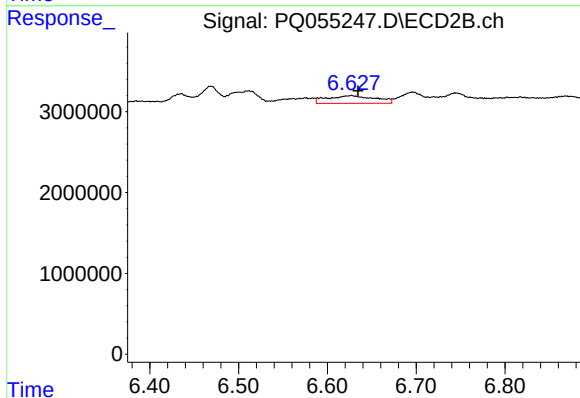
R.T.: 6.469 min
Delta R.T.: -0.007 min
Response: 3082290
Conc: 5.57 ng/ml



#27 AR-1254-2

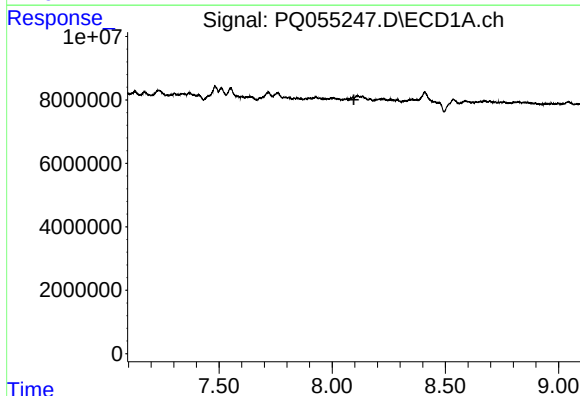
R.T.: 7.717 min
Delta R.T.: 0.003 min
Response: 2428341
Conc: 2.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



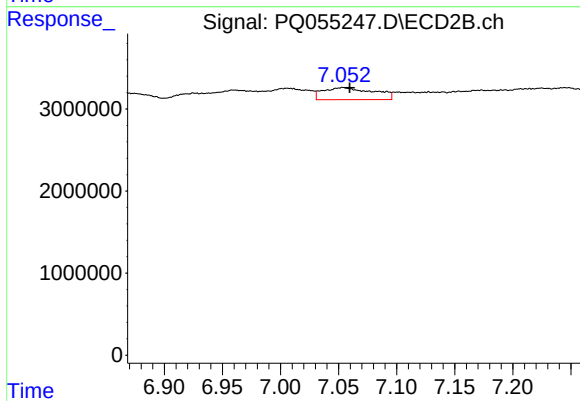
#27 AR-1254-2

R.T.: 6.627 min
Delta R.T.: -0.008 min
Response: 3585724
Conc: 7.58 ng/ml



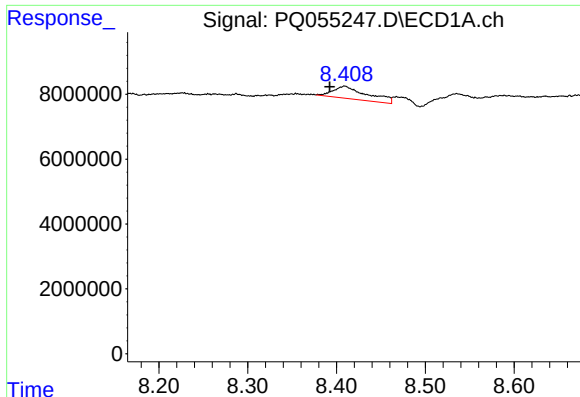
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.096 min
Response: 0
Conc: N.D.



#28 AR-1254-3

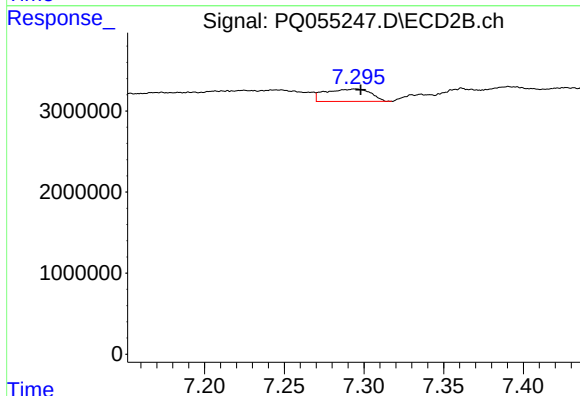
R.T.: 7.054 min
Delta R.T.: -0.006 min
Response: 4474983
Conc: 5.70 ng/ml



#29 AR-1254-4

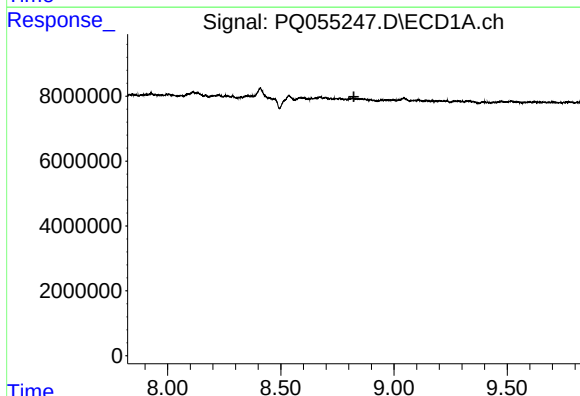
R.T.: 8.409 min
Delta R.T.: 0.017 min
Response: 10156571
Conc: 13.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



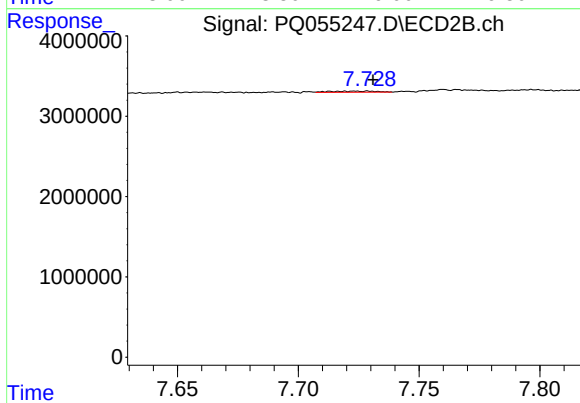
#29 AR-1254-4

R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 3015756
Conc: 6.32 ng/ml



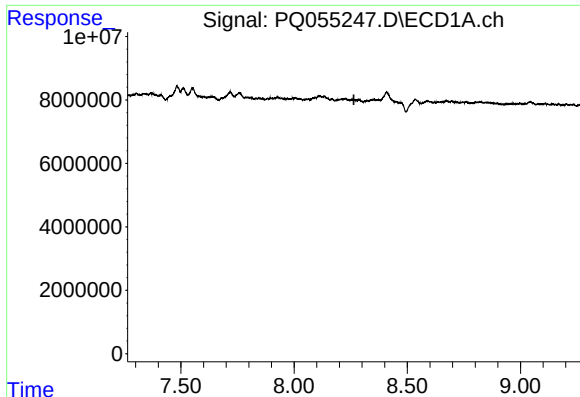
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.823 min
Response: 0
Conc: N.D.



#30 AR-1254-5

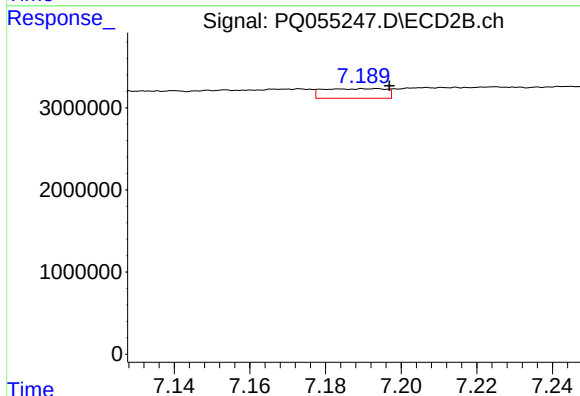
R.T.: 7.729 min
Delta R.T.: -0.002 min
Response: 200349
Conc: 0.30 ng/ml



#31 AR-1260-1

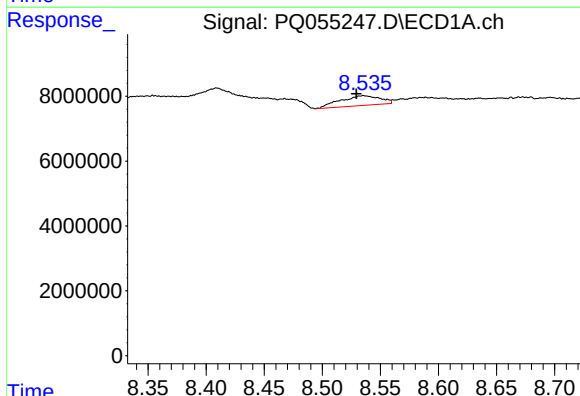
R.T.: 0.000 min
Exp R.T.: 8.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



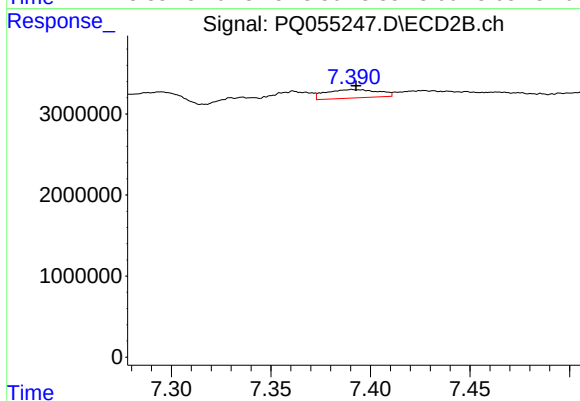
#31 AR-1260-1

R.T.: 7.193 min
Delta R.T.: -0.004 min
Response: 1343133
Conc: 2.68 ng/ml



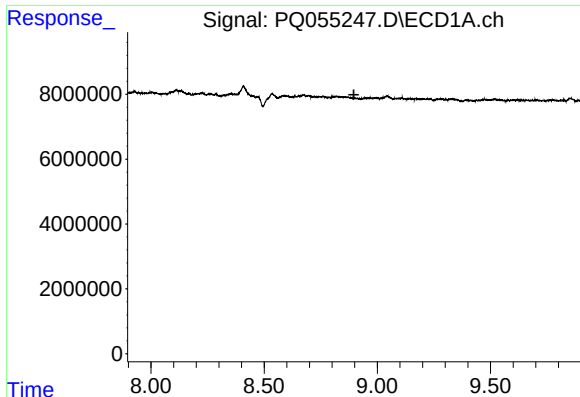
#32 AR-1260-2

R.T.: 8.535 min
Delta R.T.: 0.006 min
Response: 7278477
Conc: 8.77 ng/ml



#32 AR-1260-2

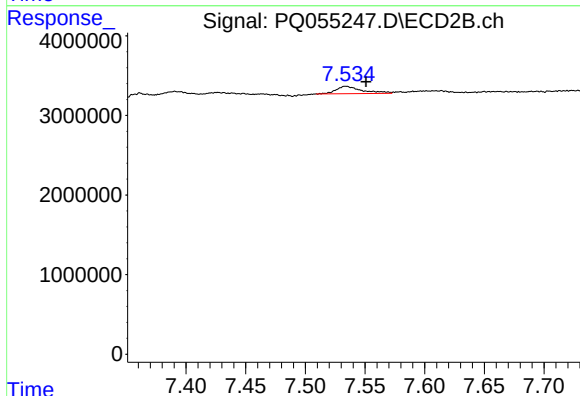
R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 1911616
Conc: 3.16 ng/ml



#33 AR-1260-3

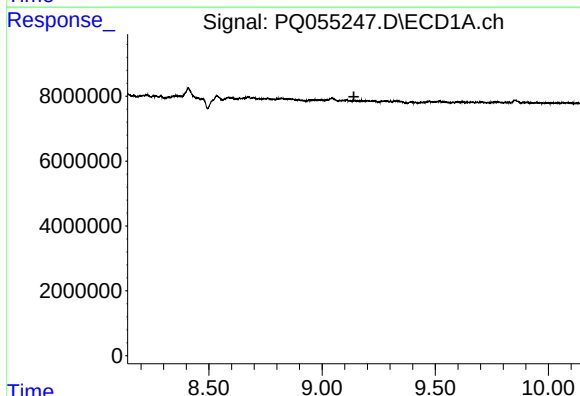
R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



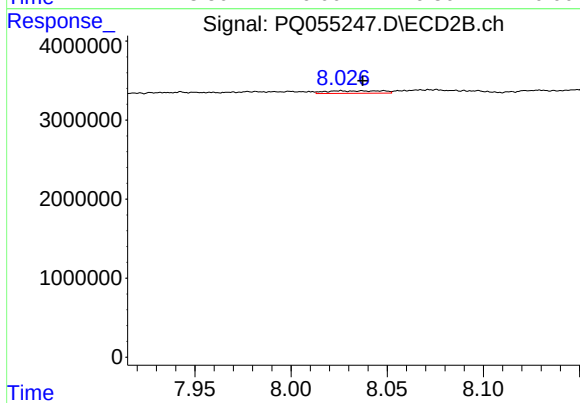
#33 AR-1260-3

R.T.: 7.534 min
Delta R.T.: -0.017 min
Response: 1393460
Conc: 2.44 ng/ml



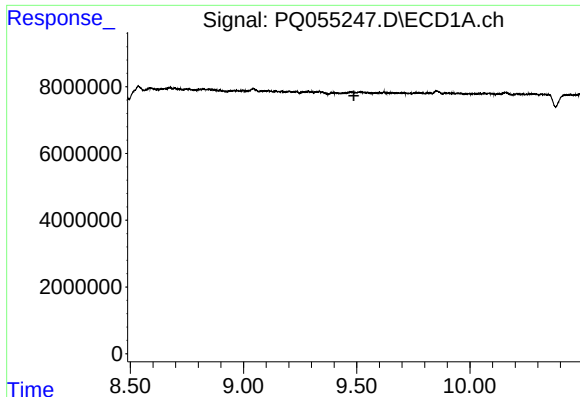
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.140 min
Response: 0
Conc: N.D.



#34 AR-1260-4

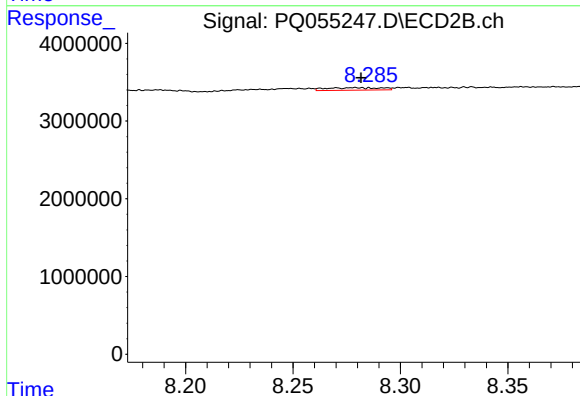
R.T.: 8.025 min
Delta R.T.: -0.012 min
Response: 651800
Conc: 1.38 ng/ml



#35 AR-1260-5

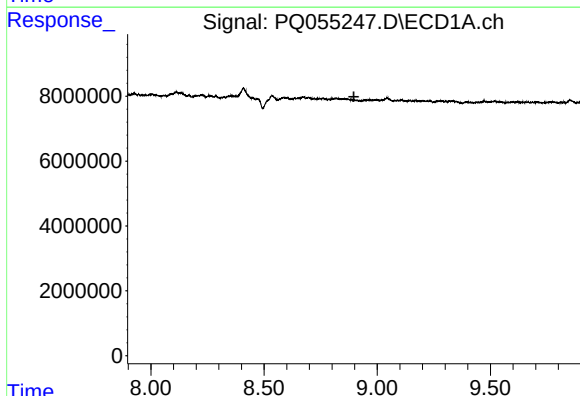
R.T.: 0.000 min
Exp R.T.: 9.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



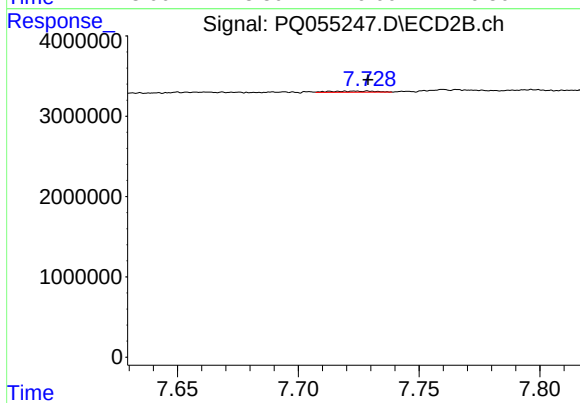
#35 AR-1260-5

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 589316
Conc: 0.51 ng/ml



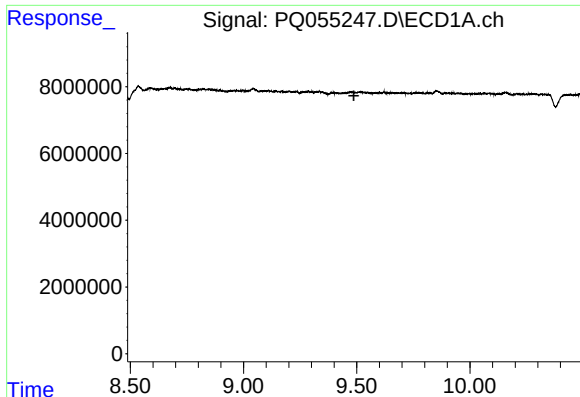
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.897 min
Response: 0
Conc: N.D.



#36 AR-1262-1

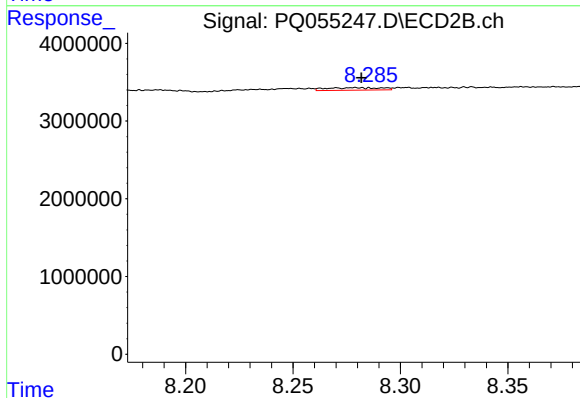
R.T.: 7.729 min
Delta R.T.: 0.000 min
Response: 200349
Conc: 0.59 ng/ml



#37 AR-1262-2

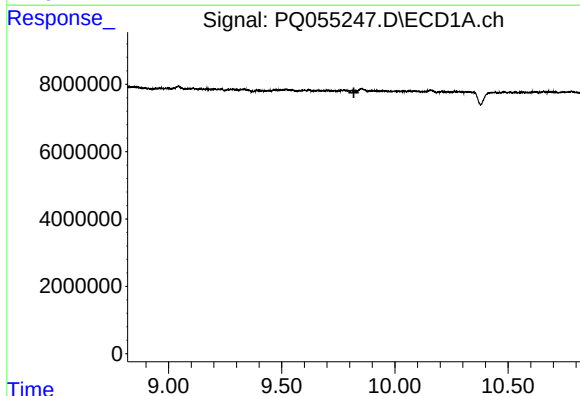
R.T.: 0.000 min
Exp R.T.: 9.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



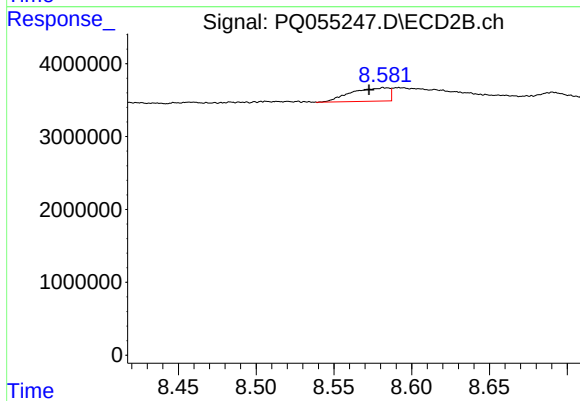
#37 AR-1262-2

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 589316
Conc: 0.48 ng/ml



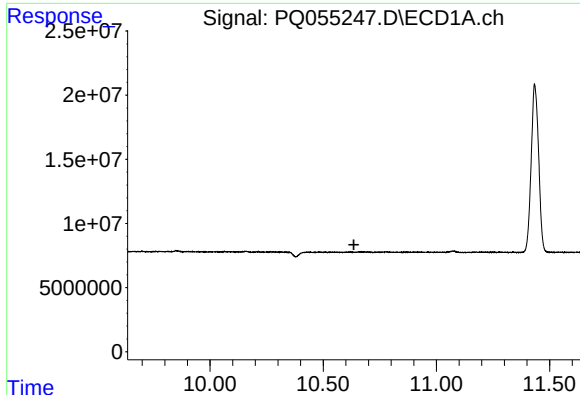
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.819 min
Response: 0
Conc: N.D.



#38 AR-1262-3

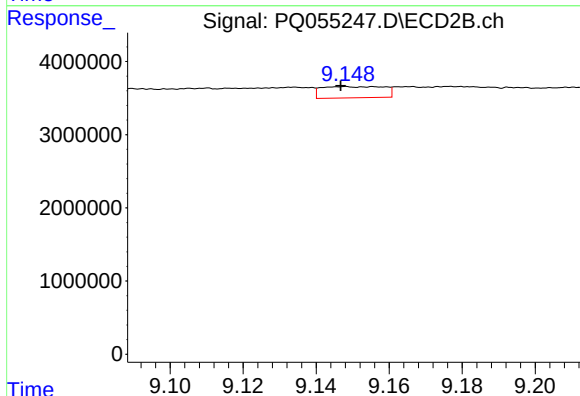
R.T.: 8.583 min
Delta R.T.: 0.010 min
Response: 3152554
Conc: 6.82 ng/ml



#40 AR-1262-5

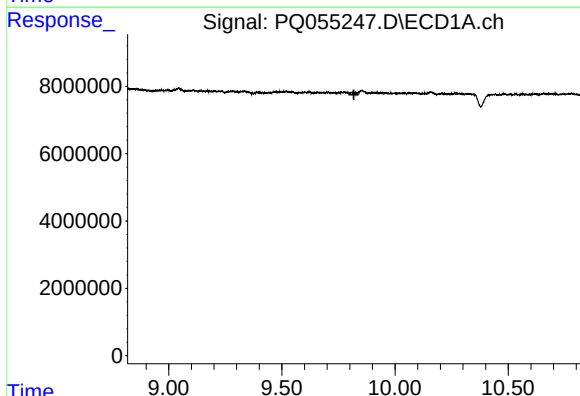
R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



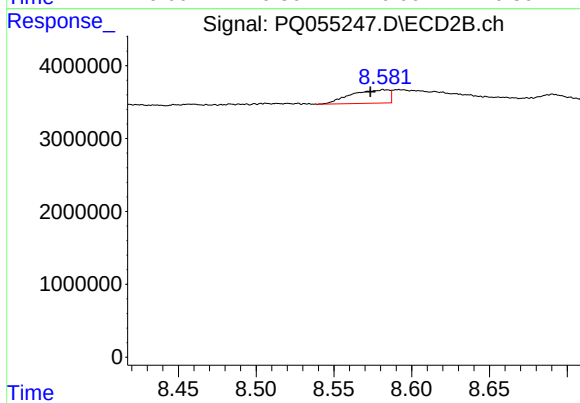
#40 AR-1262-5

R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 1830266
Conc: 4.56 ng/ml



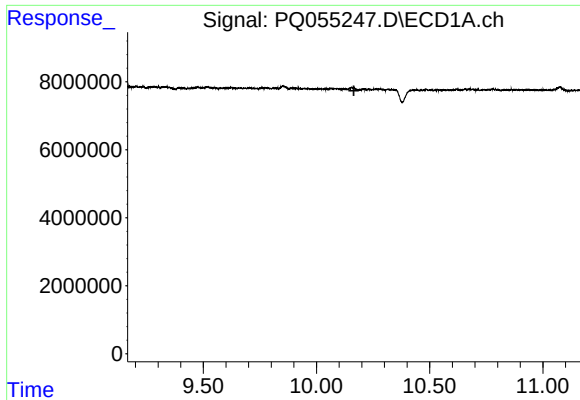
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.818 min
Response: 0
Conc: N.D.



#41 AR-1268-1

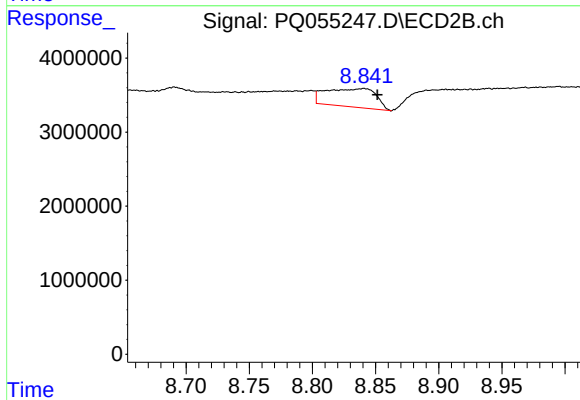
R.T.: 8.583 min
Delta R.T.: 0.009 min
Response: 3152554
Conc: 2.23 ng/ml



#43 AR-1268-3

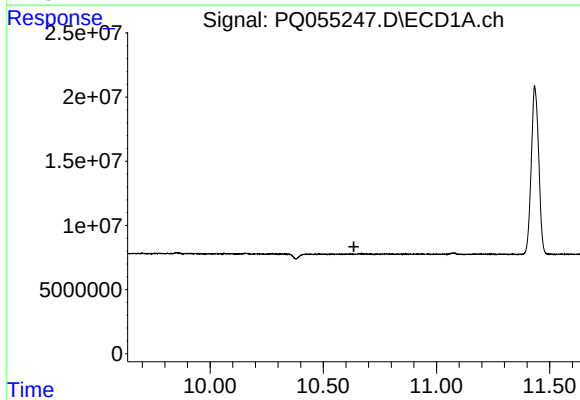
R.T.: 0.000 min
Exp R.T.: 10.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



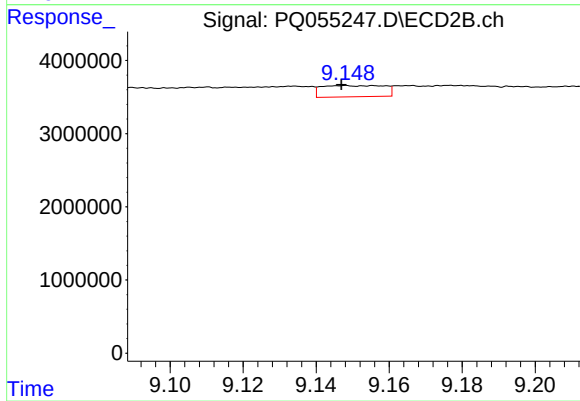
#43 AR-1268-3

R.T.: 8.841 min
Delta R.T.: -0.011 min
Response: 6851101
Conc: 6.26 ng/ml



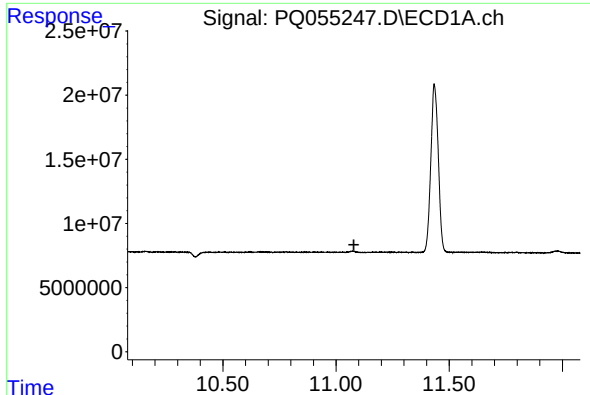
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.635 min
Response: 0
Conc: N.D.



#44 AR-1268-4

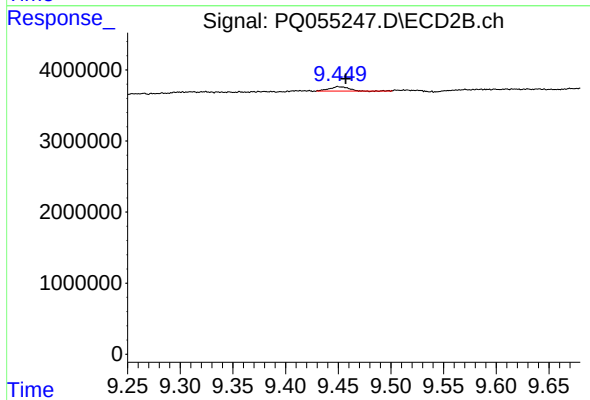
R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 1830266
Conc: 4.05 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.079 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.450 min
Delta R.T.: -0.007 min
Response: 821216
Conc: 0.23 ng/ml