

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
 Data File : PQ063984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2023 05:30
 Operator : YP\AJ
 Sample : 05321-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 06:23:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 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...	3.459	2.777	106.7E6	108.7E6	23.292	24.207
2)	SA Decachlor...	8.691	7.571	97965875	160.0E6	29.660	29.861
Target Compounds							
3)	L1 AR-1016-1	4.591	3.803	1575818	1025568	10.988	7.596 #
4)	L1 AR-1016-2	4.591	3.803	1575818	1025568	7.194	5.212 #
5)	L1 AR-1016-3	4.661	4.015f	1242302	1086956	9.080	10.324
6)	L1 AR-1016-4	4.760	4.015	1711949	1086956	15.187	12.242
7)	L1 AR-1016-5	5.035	0.000	579874	0	5.200	N.D. #
8)	L2 AR-1221-1	3.646	2.976	6765067	823188	122.366	15.161 #
9)	L2 AR-1221-2	3.740	3.047	1432434	1271609	39.305	34.237
12)	L3 AR-1232-2	4.321	3.803	5840940	1025568	115.280	11.193 #
13)	L3 AR-1232-3	4.591	4.015f	1575818	1086956	16.223	22.847 #
14)	L3 AR-1232-4	4.760	4.048	1711949	658669	34.100	16.320 #
15)	L3 AR-1232-5	4.843	0.000	1319916	0	36.544	N.D. #
16)	L4 AR-1242-1	4.591	3.803	1575818	1025568	13.137	8.956 #
17)	L4 AR-1242-2	4.591	3.803	1575818	1025568	8.749	6.165 #
18)	L4 AR-1242-3	4.661	4.015f	1242302	1086956	11.070	12.327
19)	L4 AR-1242-4	4.760	4.048	1711949	658669	18.598	8.007 #
20)	L4 AR-1242-5	5.470	4.547	652931	1805033	6.831	16.974 #
21)	L5 AR-1248-1	4.591	3.803	1575818	1025568	16.986	11.487 #
22)	L5 AR-1248-2	4.843	4.015	1319916	1086956	9.984	8.327
23)	L5 AR-1248-3	5.035	4.048	579874	658669	3.697	5.296 #
24)	L5 AR-1248-4	5.432	0.000	411466	0	2.397	N.D. #
25)	L5 AR-1248-5	5.470	4.585	652931	1453041	3.890	9.818 #
26)	L6 AR-1254-1	5.404	4.547	1697625	1805033	9.782	8.249
27)	L6 AR-1254-2	5.620	4.695	3217050	1500445	11.969	7.875 #
28)	L6 AR-1254-3	5.978	5.078	2601177	1688672	9.465	5.685 #
29)	L6 AR-1254-4	6.262	5.306	1536699	2407179	7.698	12.753 #
30)	L6 AR-1254-5	6.680	5.706	2419571	5191067	11.058	19.082 #
31)	L7 AR-1260-1	6.143	5.207	992456	1736629	4.538	8.264 #
32)	L7 AR-1260-2	6.404	5.398	1617461	1074348	6.211	4.314 #
33)	L7 AR-1260-3	6.760	5.540	407301	2202868	2.123	9.277 #
34)	L7 AR-1260-4	6.977	6.035	979525	2176265	4.561	10.757 #
35)	L7 AR-1260-5	7.289	6.252	856749	1220218	2.117	2.613
36)	L8 AR-1262-1	6.760	5.706f	407301	5191067	1.441	17.913 #
37)	L8 AR-1262-2	7.289	6.252	856749	1220218	1.864	2.334 #
38)	L8 AR-1262-3	7.570	6.588f	512394	1261700	1.655	5.870 #
39)	L8 AR-1262-4	0.000	6.588	0	1261700	N.D.	3.166 #
40)	L8 AR-1262-5	8.153	7.084	700224	283623	4.459	1.416 #
41)	L9 AR-1268-1	7.570	6.588f	512394	1261700	0.957	2.057 #
42)	L9 AR-1268-2	0.000	6.588	0	1261700	N.D.	2.266 #
43)	L9 AR-1268-3	7.825	6.797	1217637	767627	2.915	1.568 #

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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
44) L9	AR-1268-4	8.153	7.084	700224	283623	4.032	1.335 #
45) L9	AR-1268-5	8.450	7.354	1262597	908623	1.027	0.502 #

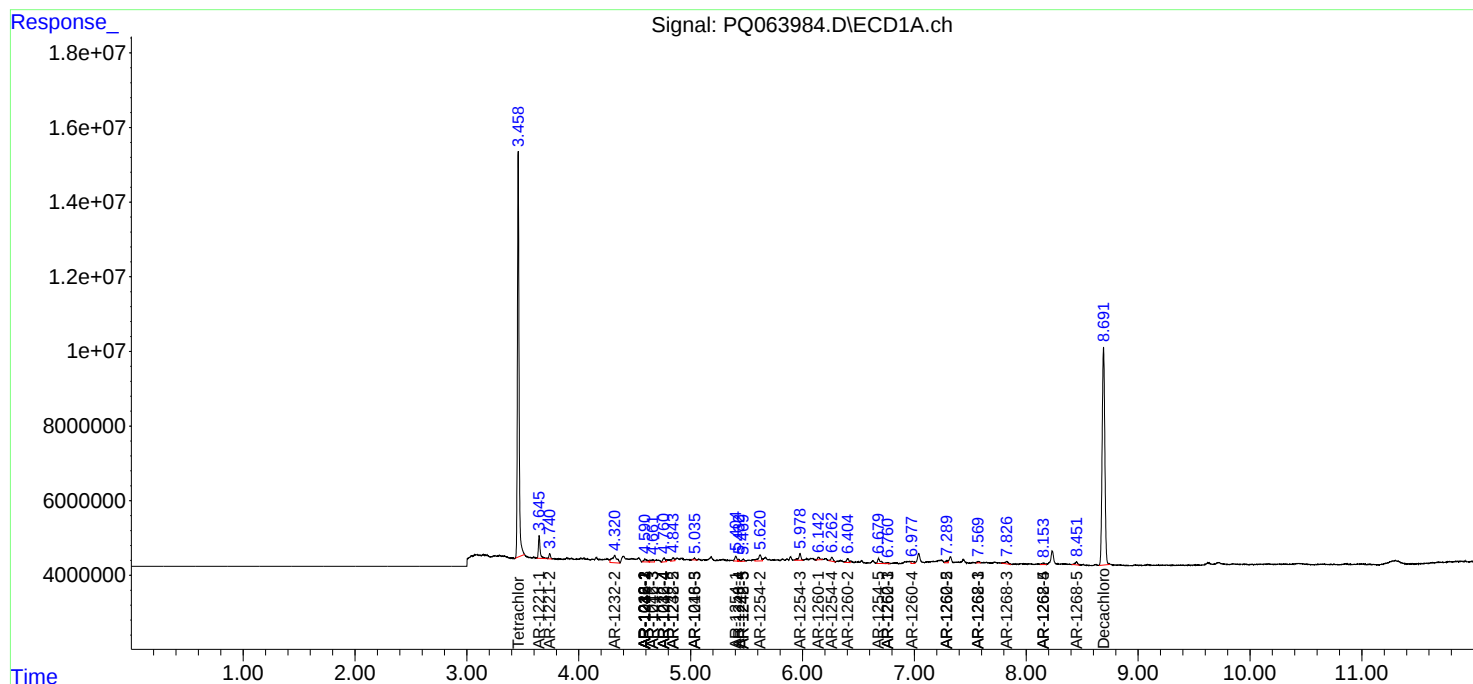
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

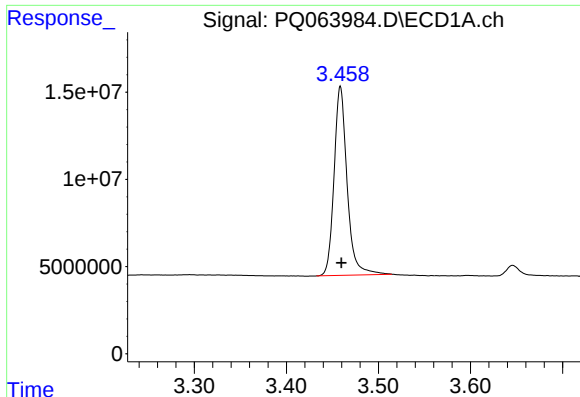
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111123\
Data File : PQ063984.D
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Acq On : 11 Nov 2023 05:30
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Misc :
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Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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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

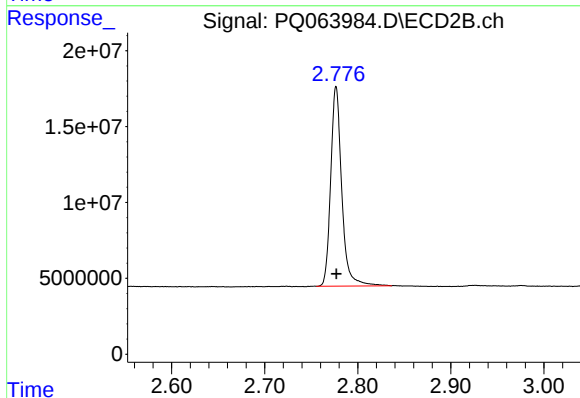




#1 Tetrachloro-m-xylene

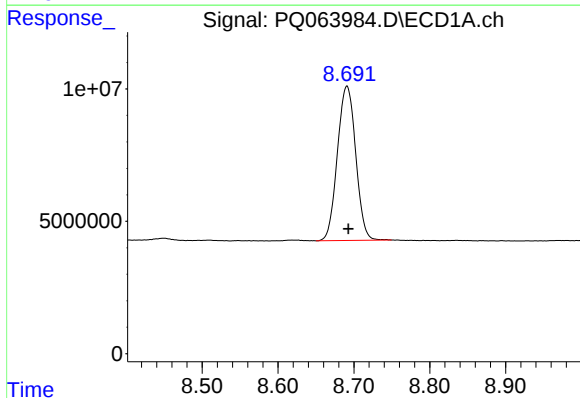
R.T.: 3.459 min
Delta R.T.: -0.001 min
Response: 106739252
Conc: 23.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



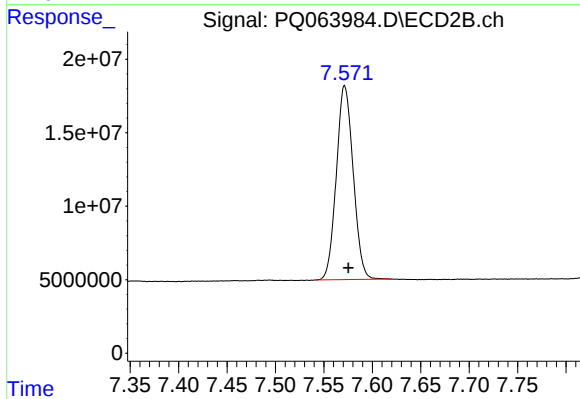
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 108685364
Conc: 24.21 ng/ml



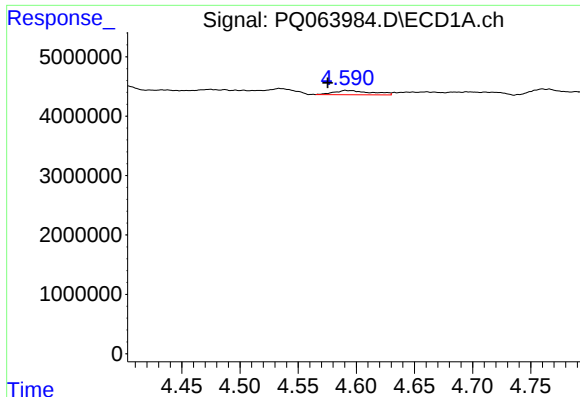
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 97965875
Conc: 29.66 ng/ml



#2 Decachlorobiphenyl

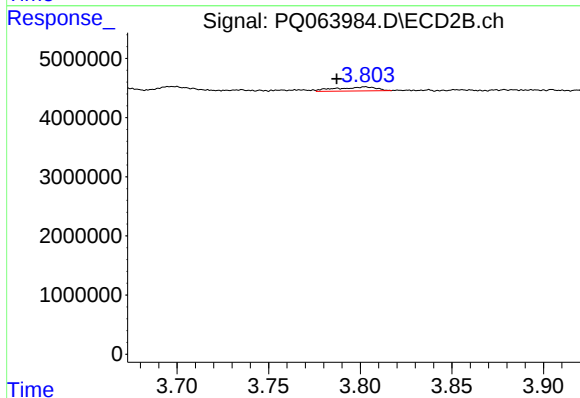
R.T.: 7.571 min
Delta R.T.: -0.004 min
Response: 160043245
Conc: 29.86 ng/ml



#3 AR-1016-1

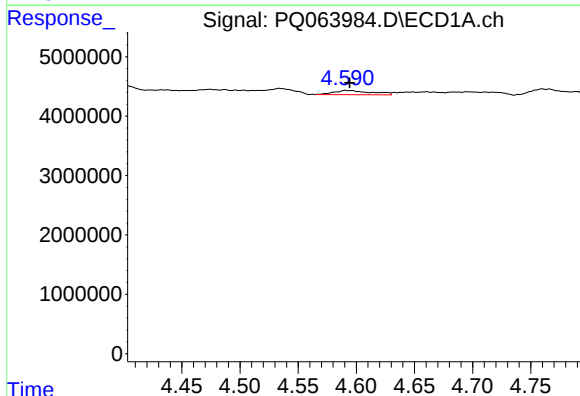
R.T.: 4.591 min
Delta R.T.: 0.015 min
Response: 1575818
Conc: 10.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



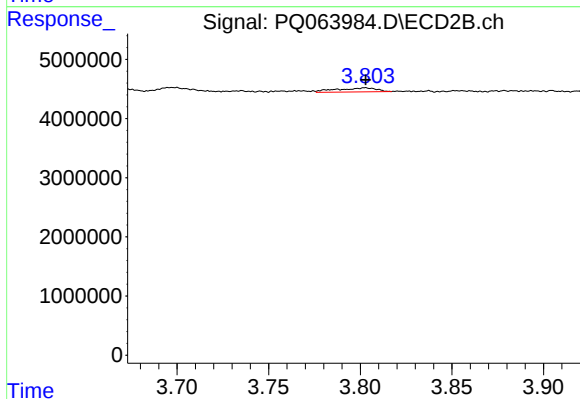
#3 AR-1016-1

R.T.: 3.803 min
Delta R.T.: 0.016 min
Response: 1025568
Conc: 7.60 ng/ml



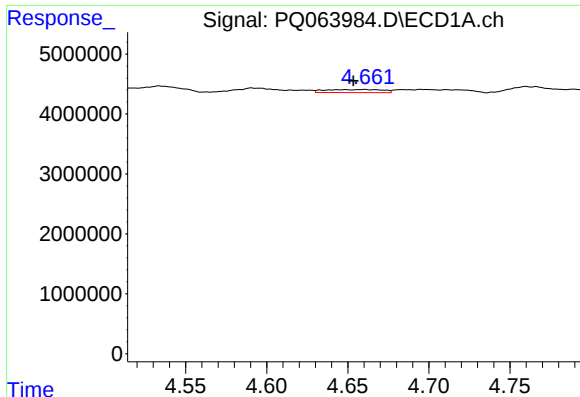
#4 AR-1016-2

R.T.: 4.591 min
Delta R.T.: -0.004 min
Response: 1575818
Conc: 7.19 ng/ml



#4 AR-1016-2

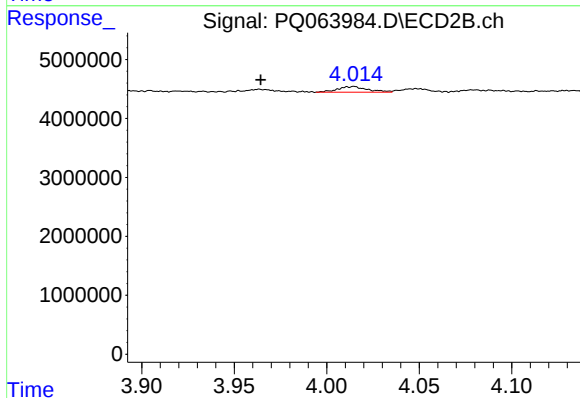
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 1025568
Conc: 5.21 ng/ml



#5 AR-1016-3

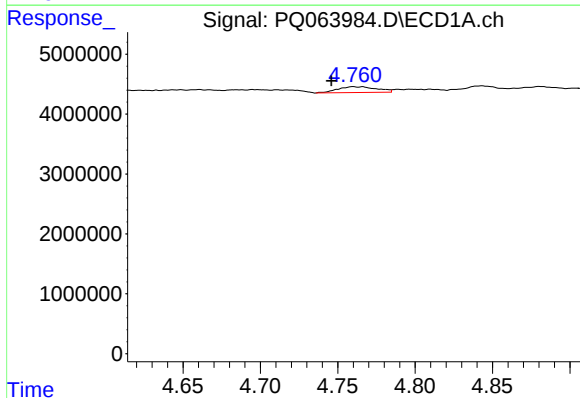
R.T.: 4.661 min
Delta R.T.: 0.007 min
Response: 1242302
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



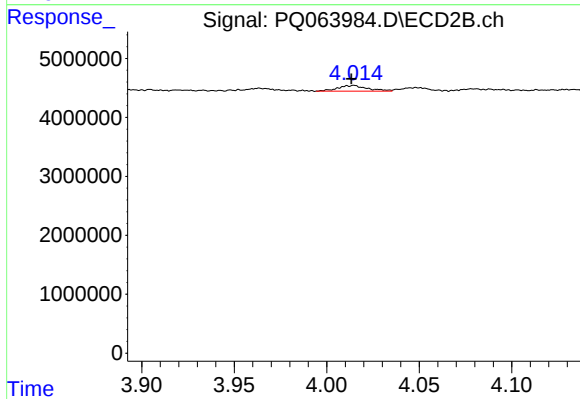
#5 AR-1016-3

R.T.: 4.015 min
Delta R.T.: 0.051 min
Response: 1086956
Conc: 10.32 ng/ml



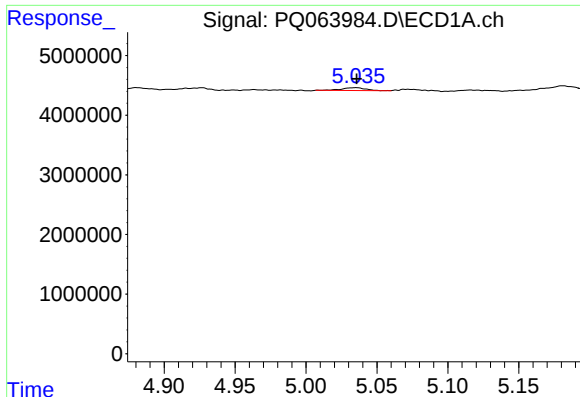
#6 AR-1016-4

R.T.: 4.760 min
Delta R.T.: 0.014 min
Response: 1711949
Conc: 15.19 ng/ml



#6 AR-1016-4

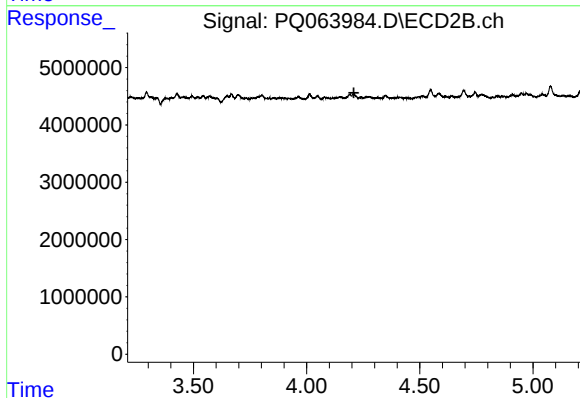
R.T.: 4.015 min
Delta R.T.: 0.001 min
Response: 1086956
Conc: 12.24 ng/ml



#7 AR-1016-5

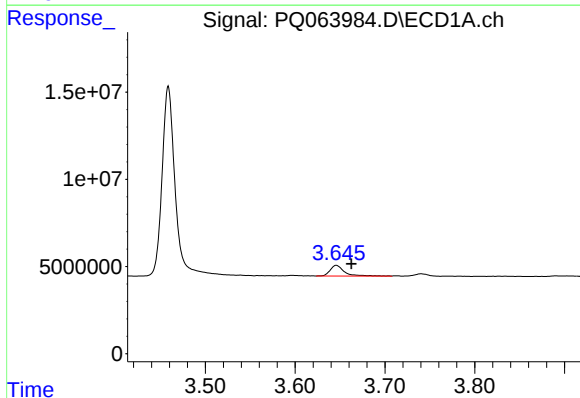
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 579874
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



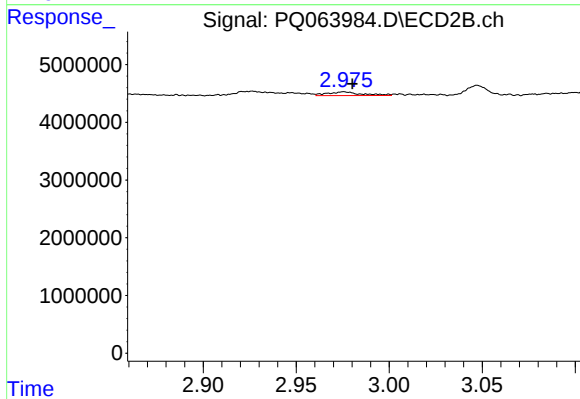
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.209 min
Response: 0
Conc: N.D.



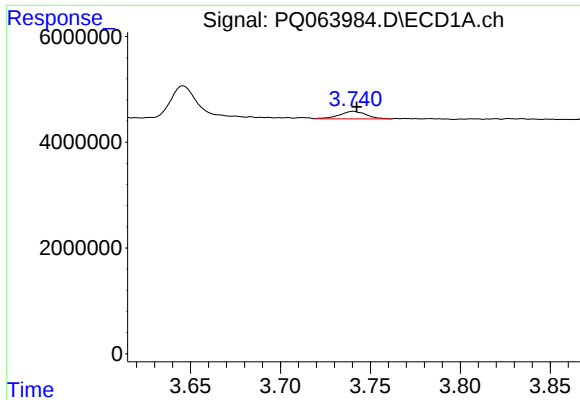
#8 AR-1221-1

R.T.: 3.646 min
Delta R.T.: -0.017 min
Response: 6765067
Conc: 122.37 ng/ml



#8 AR-1221-1

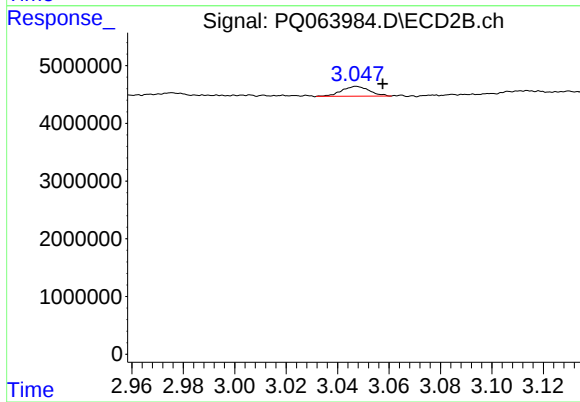
R.T.: 2.976 min
Delta R.T.: -0.004 min
Response: 823188
Conc: 15.16 ng/ml



#9 AR-1221-2

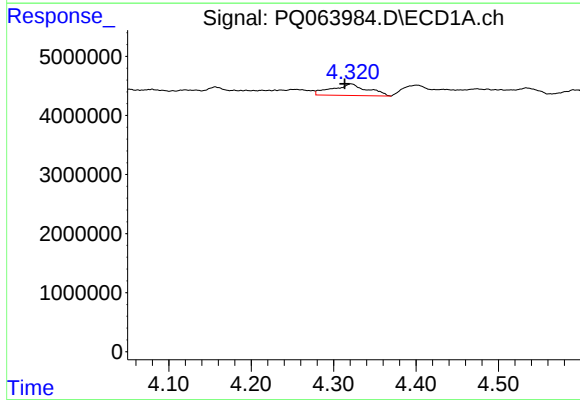
R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 1432434
Conc: 39.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



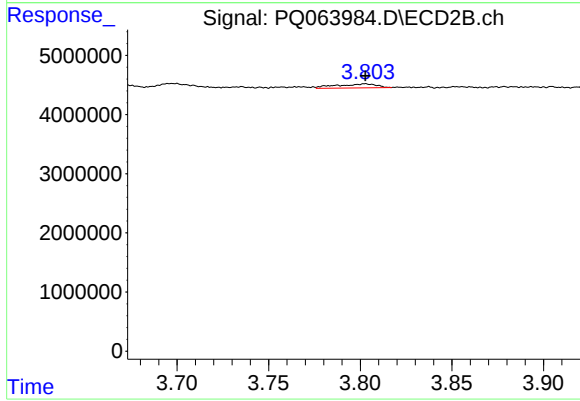
#9 AR-1221-2

R.T.: 3.047 min
Delta R.T.: -0.010 min
Response: 1271609
Conc: 34.24 ng/ml



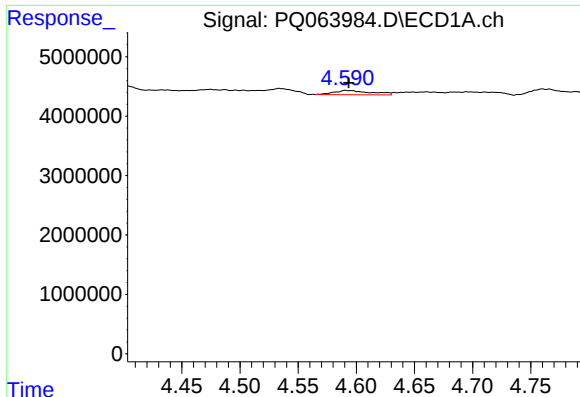
#12 AR-1232-2

R.T.: 4.321 min
Delta R.T.: 0.008 min
Response: 5840940
Conc: 115.28 ng/ml



#12 AR-1232-2

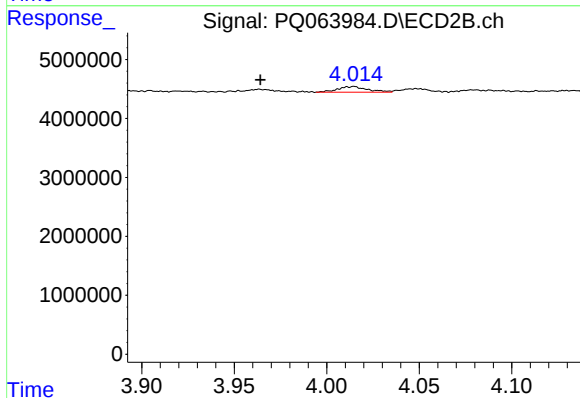
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 1025568
Conc: 11.19 ng/ml



#13 AR-1232-3

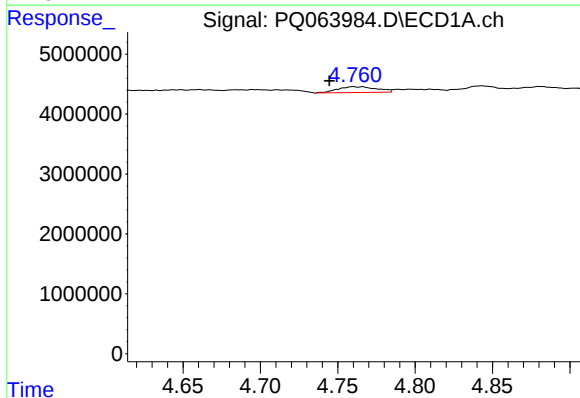
R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 1575818
Conc: 16.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



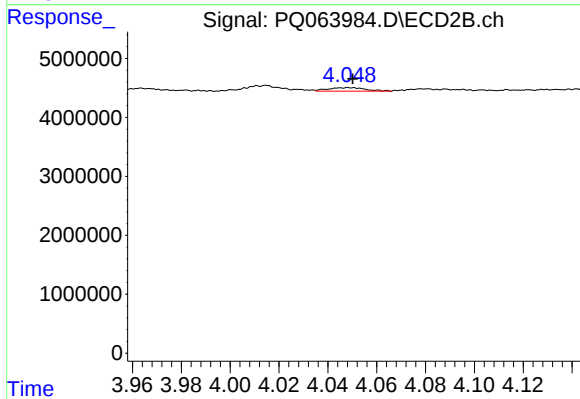
#13 AR-1232-3

R.T.: 4.015 min
Delta R.T.: 0.051 min
Response: 1086956
Conc: 22.85 ng/ml



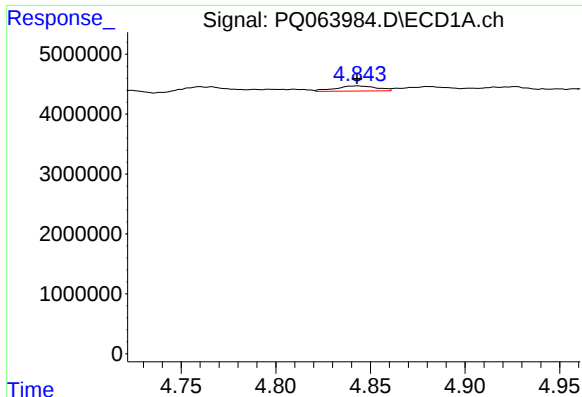
#14 AR-1232-4

R.T.: 4.760 min
Delta R.T.: 0.015 min
Response: 1711949
Conc: 34.10 ng/ml



#14 AR-1232-4

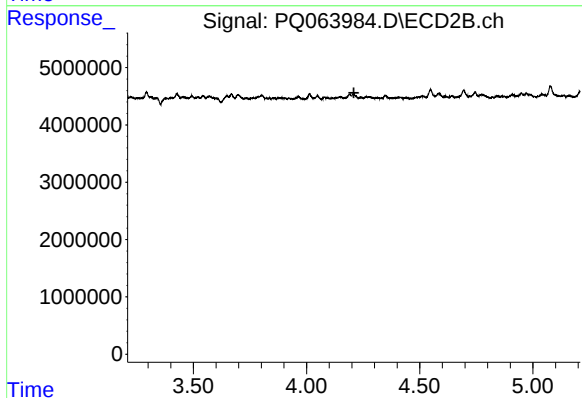
R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 658669
Conc: 16.32 ng/ml



#15 AR-1232-5

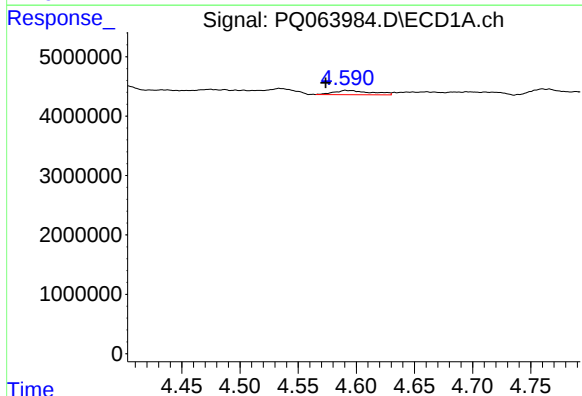
R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 1319916
Conc: 36.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



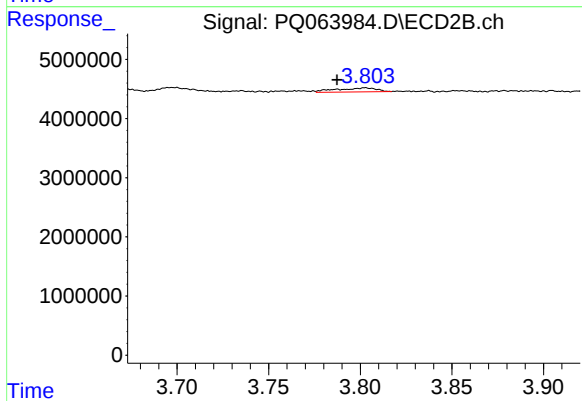
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.209 min
Response: 0
Conc: N.D.



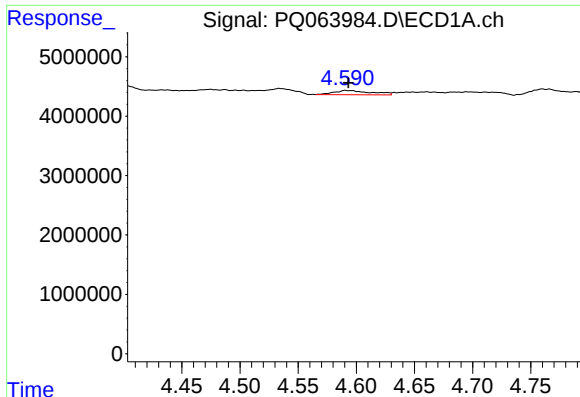
#16 AR-1242-1

R.T.: 4.591 min
Delta R.T.: 0.017 min
Response: 1575818
Conc: 13.14 ng/ml



#16 AR-1242-1

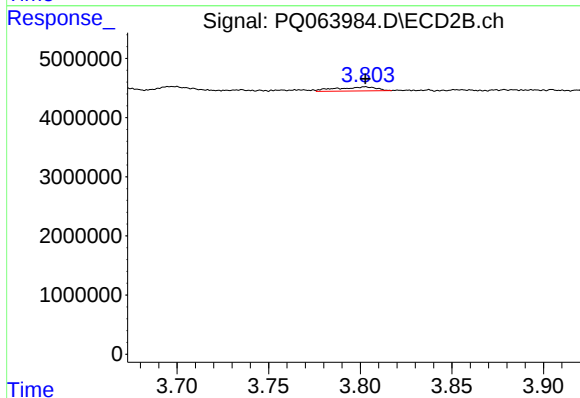
R.T.: 3.803 min
Delta R.T.: 0.015 min
Response: 1025568
Conc: 8.96 ng/ml



#17 AR-1242-2

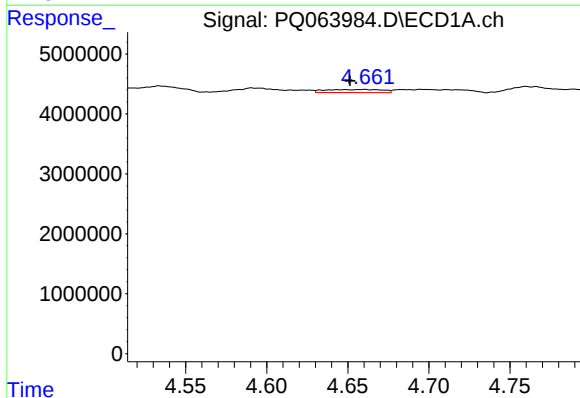
R.T.: 4.591 min
Delta R.T.: -0.002 min
Response: 1575818
Conc: 8.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



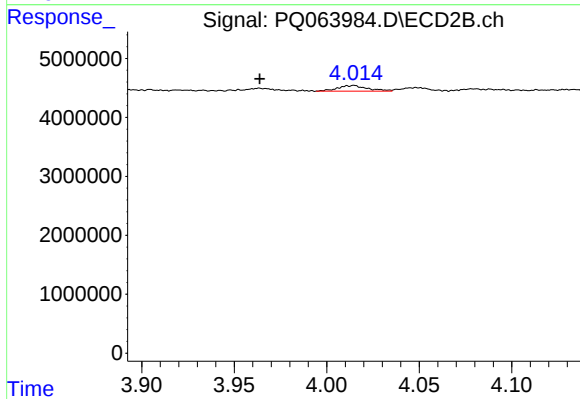
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 1025568
Conc: 6.17 ng/ml



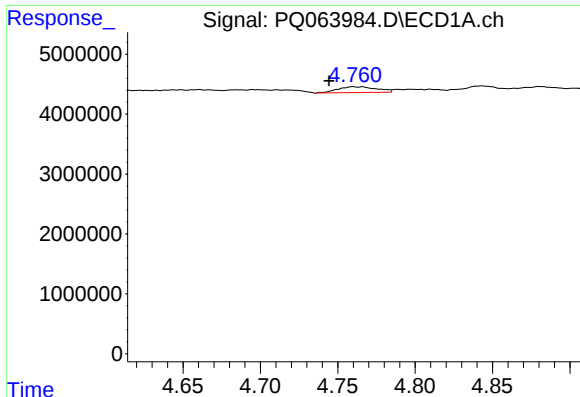
#18 AR-1242-3

R.T.: 4.661 min
Delta R.T.: 0.009 min
Response: 1242302
Conc: 11.07 ng/ml



#18 AR-1242-3

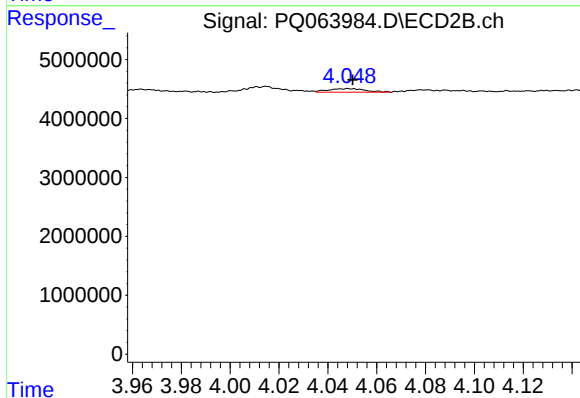
R.T.: 4.015 min
Delta R.T.: 0.051 min
Response: 1086956
Conc: 12.33 ng/ml



#19 AR-1242-4

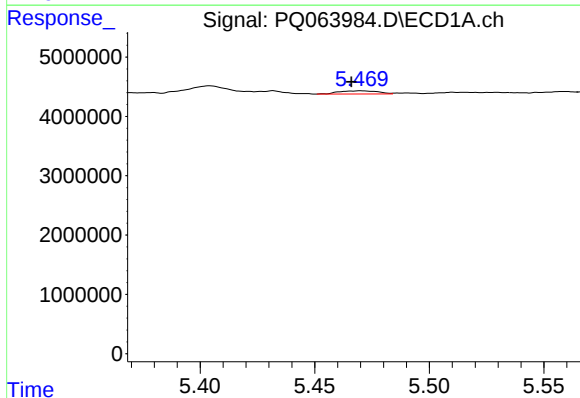
R.T.: 4.760 min
Delta R.T.: 0.016 min
Response: 1711949
Conc: 18.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



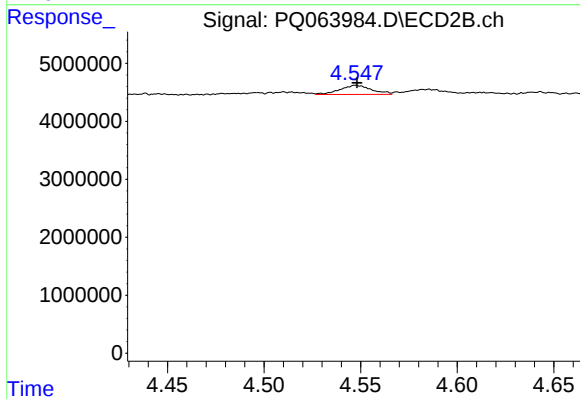
#19 AR-1242-4

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 658669
Conc: 8.01 ng/ml



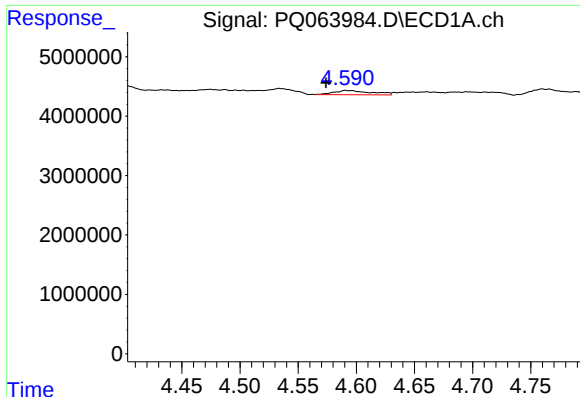
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: 0.004 min
Response: 652931
Conc: 6.83 ng/ml



#20 AR-1242-5

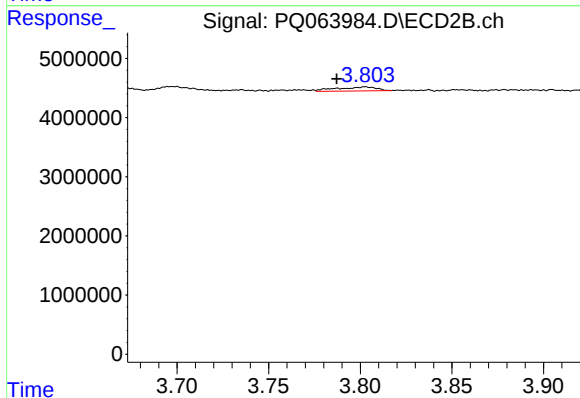
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 1805033
Conc: 16.97 ng/ml



#21 AR-1248-1

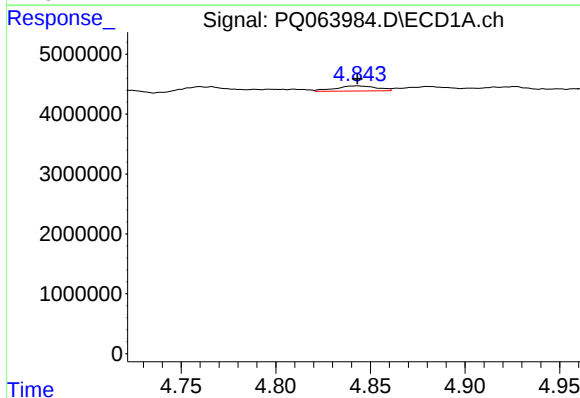
R.T.: 4.591 min
Delta R.T.: 0.017 min
Response: 1575818
Conc: 16.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



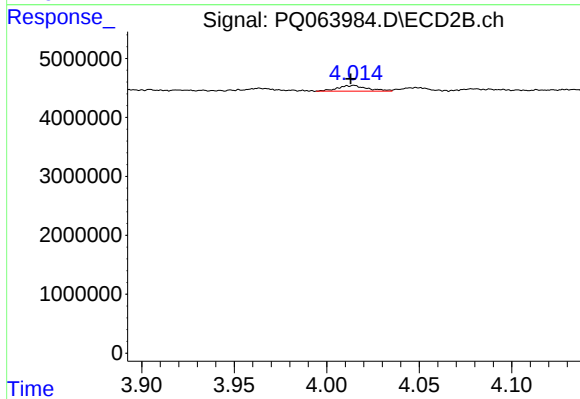
#21 AR-1248-1

R.T.: 3.803 min
Delta R.T.: 0.016 min
Response: 1025568
Conc: 11.49 ng/ml



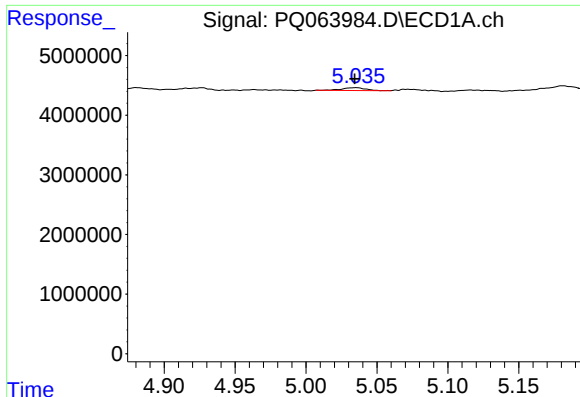
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 1319916
Conc: 9.98 ng/ml



#22 AR-1248-2

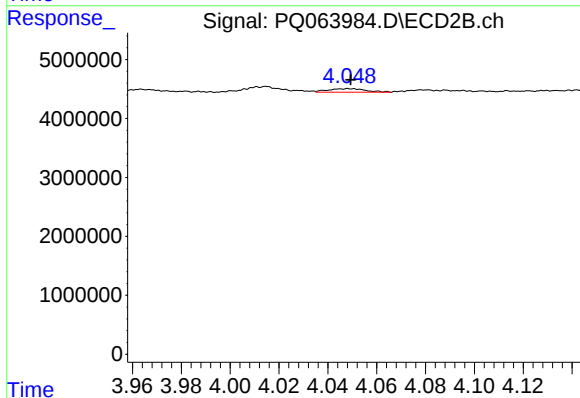
R.T.: 4.015 min
Delta R.T.: 0.002 min
Response: 1086956
Conc: 8.33 ng/ml



#23 AR-1248-3

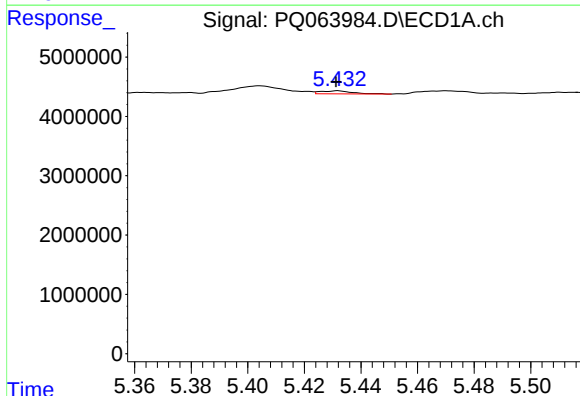
R.T.: 5.035 min
Delta R.T.: 0.001 min
Response: 579874
Conc: 3.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



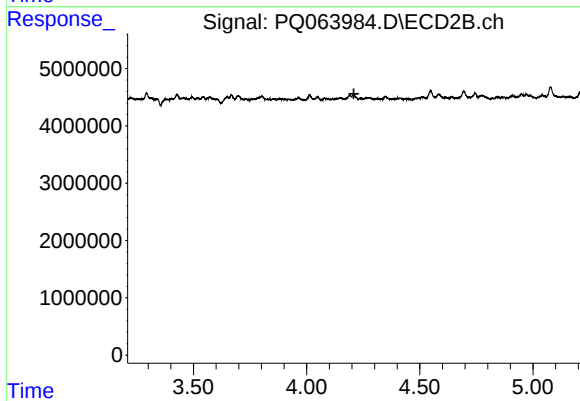
#23 AR-1248-3

R.T.: 4.048 min
Delta R.T.: -0.001 min
Response: 658669
Conc: 5.30 ng/ml



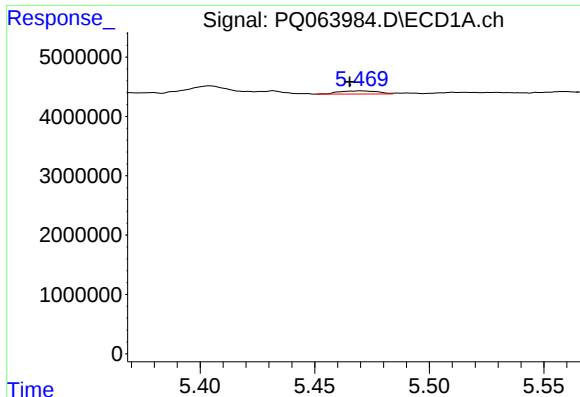
#24 AR-1248-4

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 411466
Conc: 2.40 ng/ml



#24 AR-1248-4

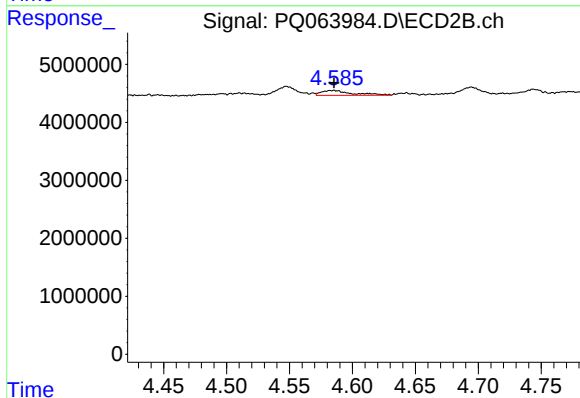
R.T.: 0.000 min
Exp R.T.: 4.209 min
Response: 0
Conc: N.D.



#25 AR-1248-5

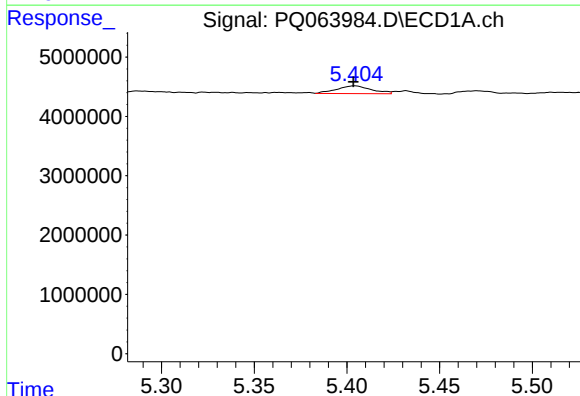
R.T.: 5.470 min
Delta R.T.: 0.005 min
Response: 652931
Conc: 3.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



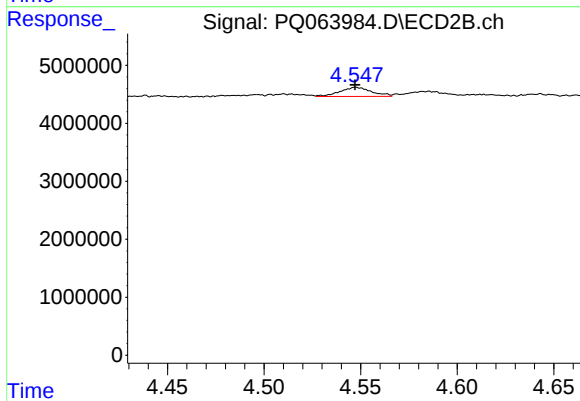
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 1453041
Conc: 9.82 ng/ml



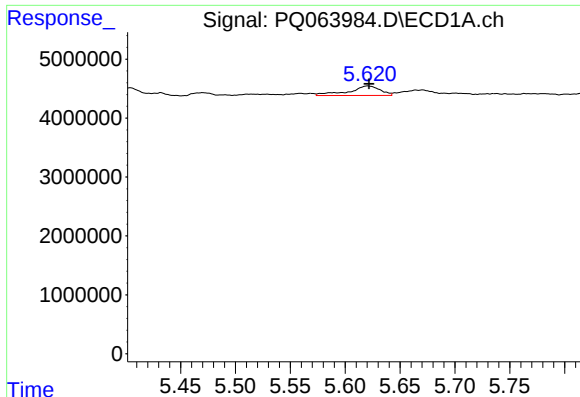
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 1697625
Conc: 9.78 ng/ml



#26 AR-1254-1

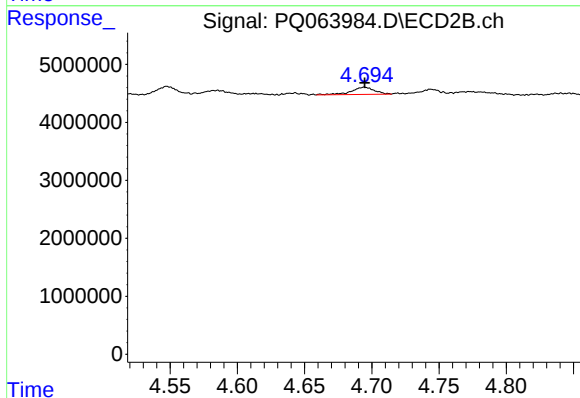
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 1805033
Conc: 8.25 ng/ml



#27 AR-1254-2

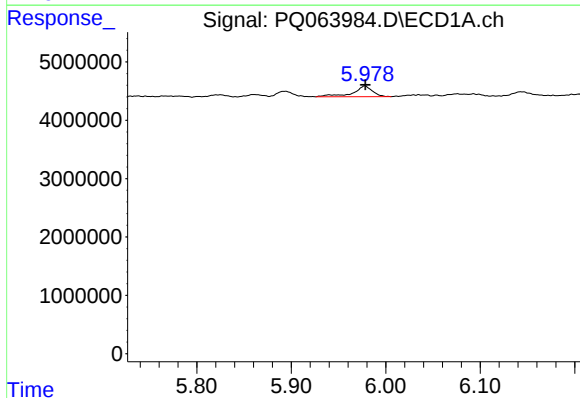
R.T.: 5.620 min
Delta R.T.: -0.001 min
Response: 3217050
Conc: 11.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



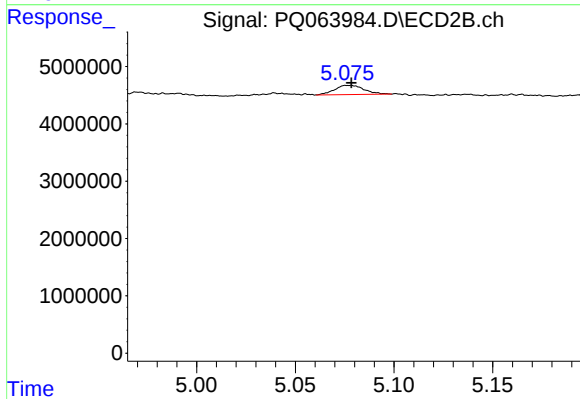
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 1500445
Conc: 7.87 ng/ml



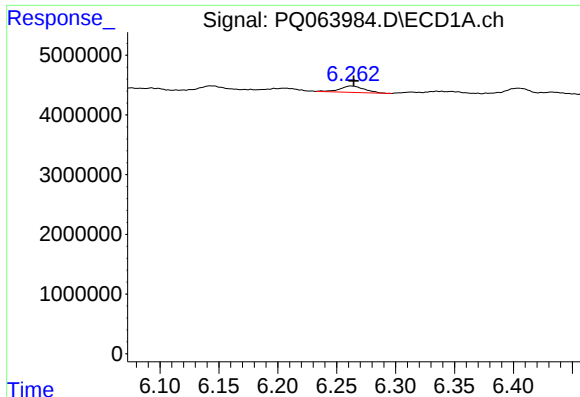
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 2601177
Conc: 9.46 ng/ml



#28 AR-1254-3

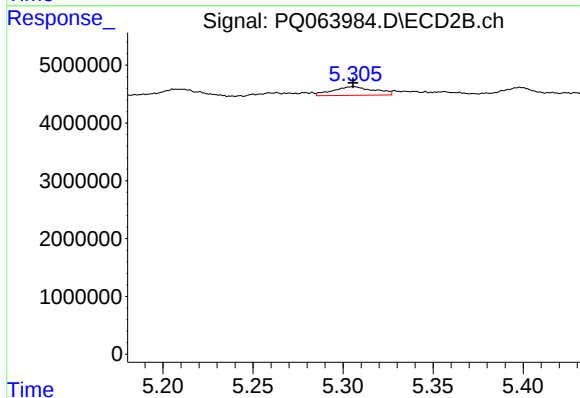
R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 1688672
Conc: 5.69 ng/ml



#29 AR-1254-4

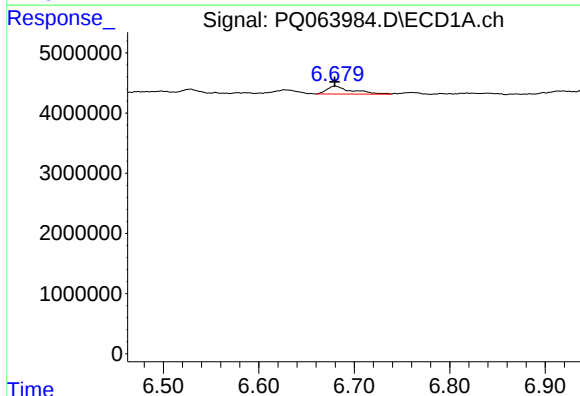
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 1536699
Conc: 7.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



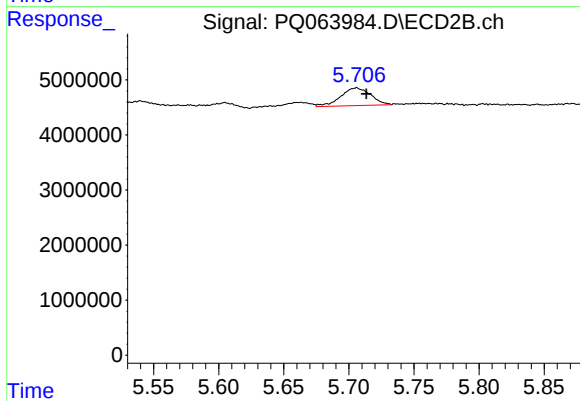
#29 AR-1254-4

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 2407179
Conc: 12.75 ng/ml



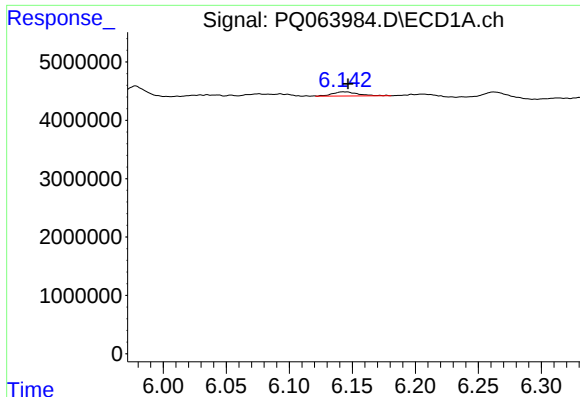
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 2419571
Conc: 11.06 ng/ml



#30 AR-1254-5

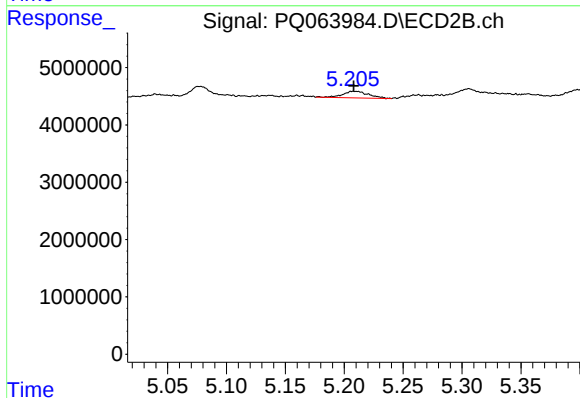
R.T.: 5.706 min
Delta R.T.: -0.007 min
Response: 5191067
Conc: 19.08 ng/ml



#31 AR-1260-1

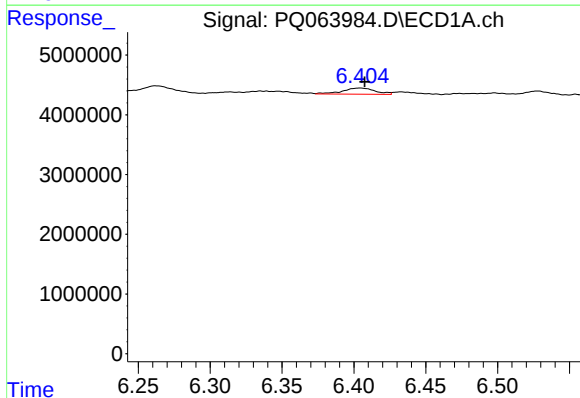
R.T.: 6.143 min
Delta R.T.: -0.003 min
Response: 992456
Conc: 4.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



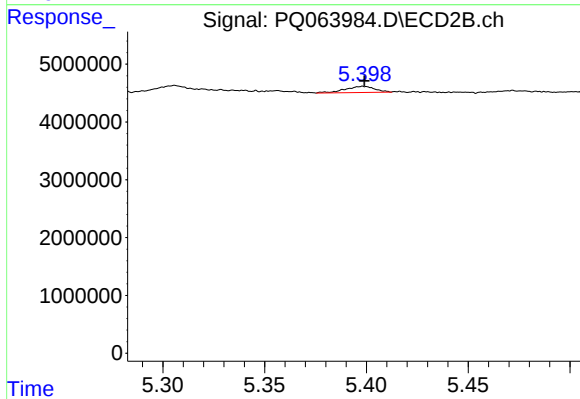
#31 AR-1260-1

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1736629
Conc: 8.26 ng/ml



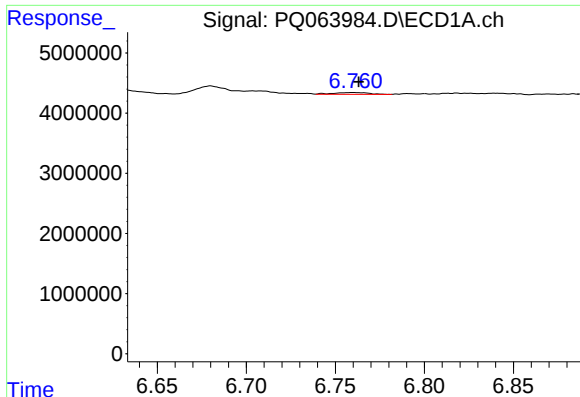
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 1617461
Conc: 6.21 ng/ml



#32 AR-1260-2

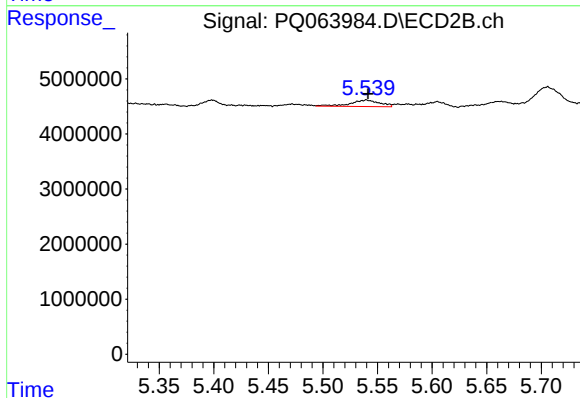
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 1074348
Conc: 4.31 ng/ml



#33 AR-1260-3

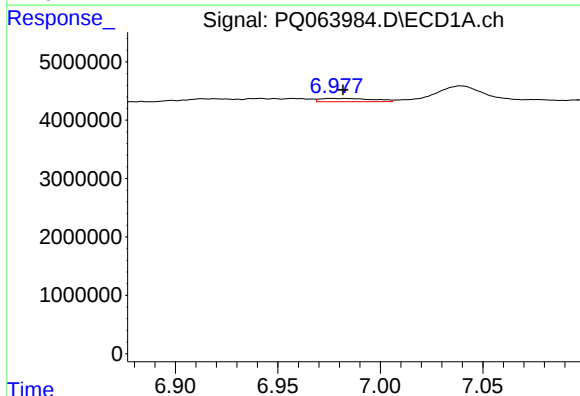
R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 407301
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



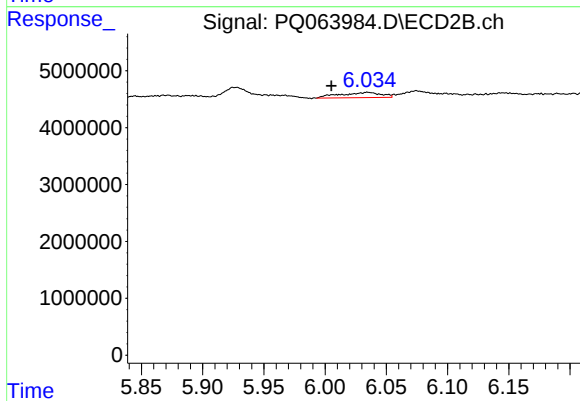
#33 AR-1260-3

R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 2202868
Conc: 9.28 ng/ml



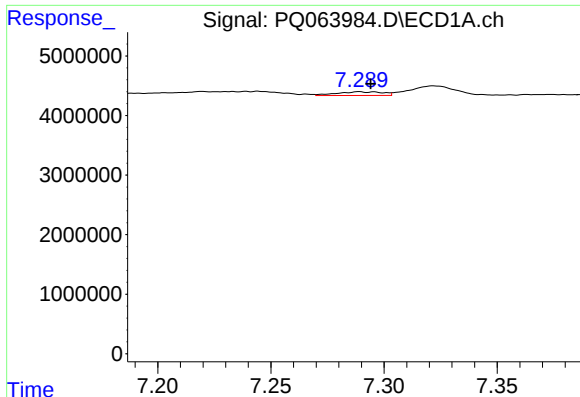
#34 AR-1260-4

R.T.: 6.977 min
Delta R.T.: -0.005 min
Response: 979525
Conc: 4.56 ng/ml



#34 AR-1260-4

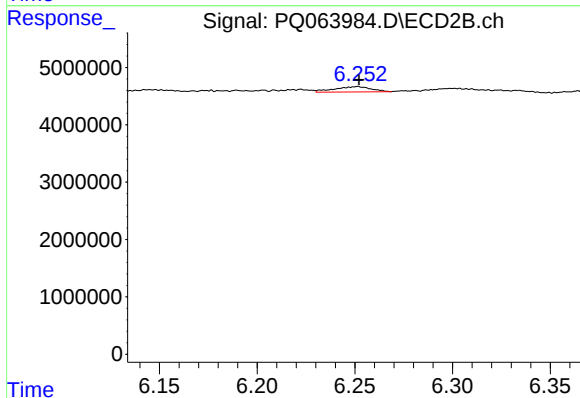
R.T.: 6.035 min
Delta R.T.: 0.029 min
Response: 2176265
Conc: 10.76 ng/ml



#35 AR-1260-5

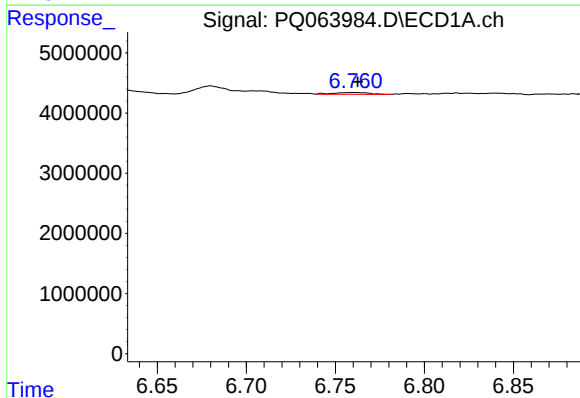
R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 856749
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



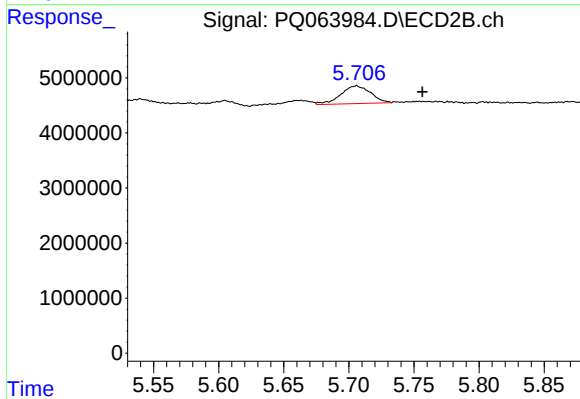
#35 AR-1260-5

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1220218
Conc: 2.61 ng/ml



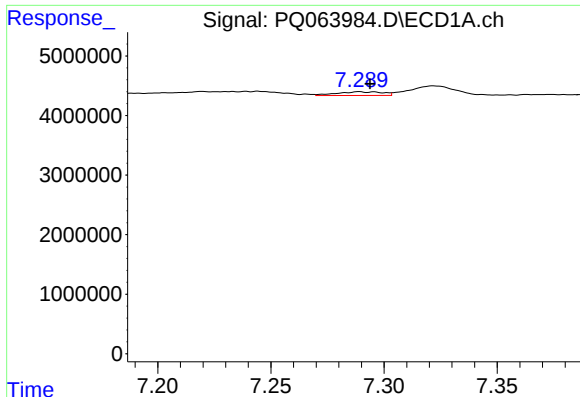
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 407301
Conc: 1.44 ng/ml



#36 AR-1262-1

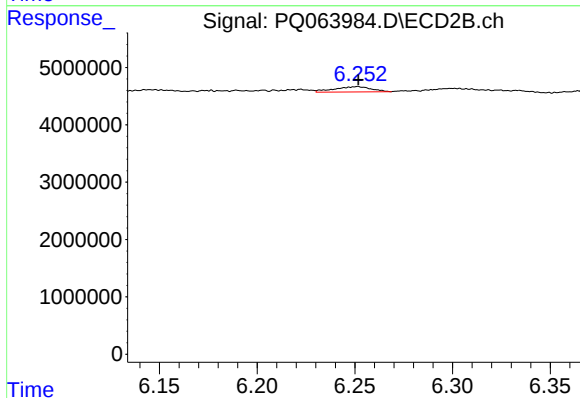
R.T.: 5.706 min
Delta R.T.: -0.051 min
Response: 5191067
Conc: 17.91 ng/ml



#37 AR-1262-2

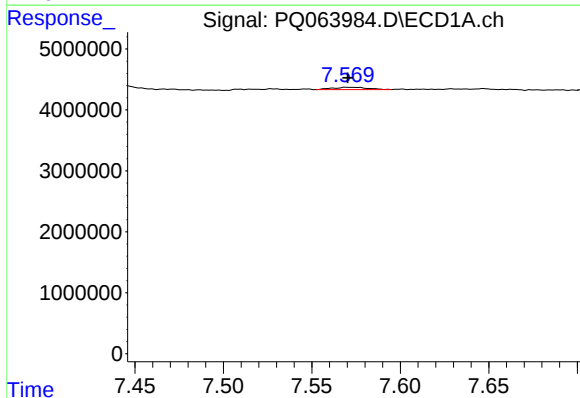
R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 856749
Conc: 1.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



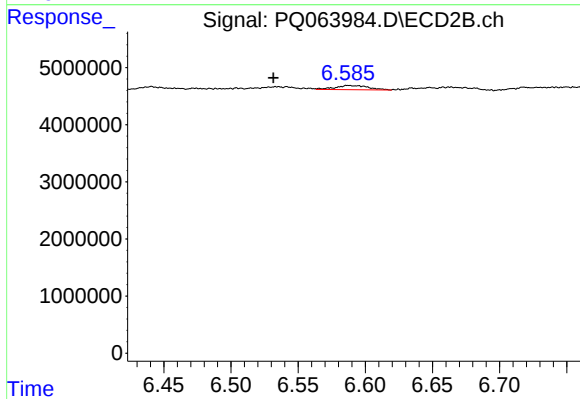
#37 AR-1262-2

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1220218
Conc: 2.33 ng/ml



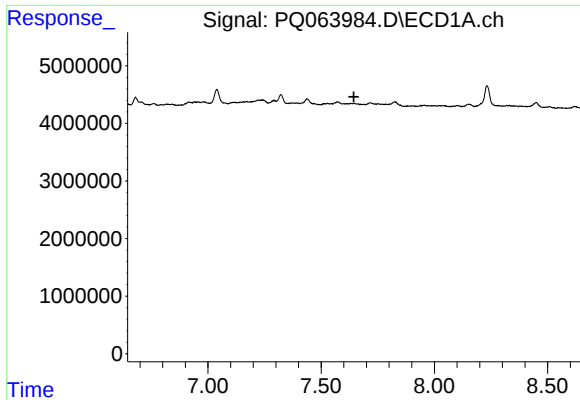
#38 AR-1262-3

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 512394
Conc: 1.66 ng/ml



#38 AR-1262-3

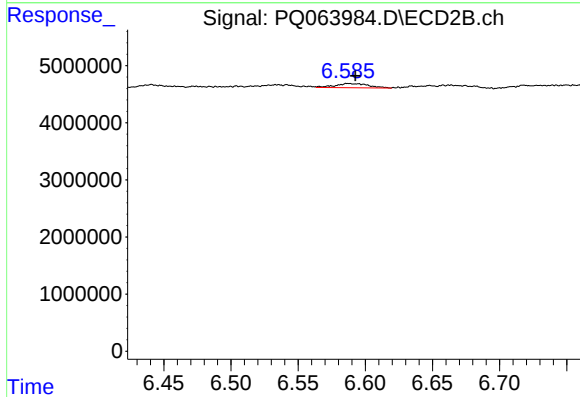
R.T.: 6.588 min
Delta R.T.: 0.057 min
Response: 1261700
Conc: 5.87 ng/ml



#39 AR-1262-4

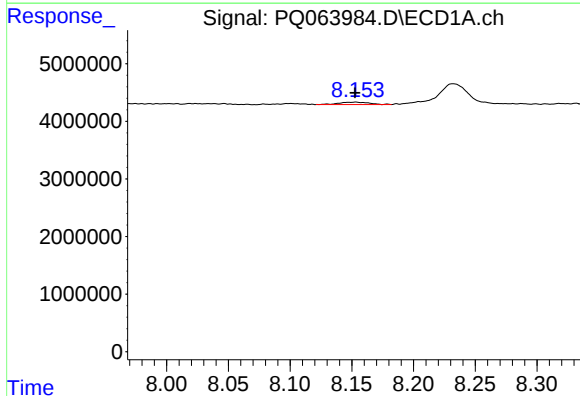
R.T.: 0.000 min
Exp R.T.: 7.645 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



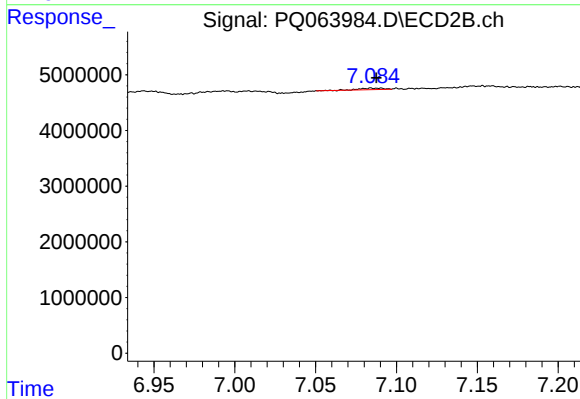
#39 AR-1262-4

R.T.: 6.588 min
Delta R.T.: -0.004 min
Response: 1261700
Conc: 3.17 ng/ml



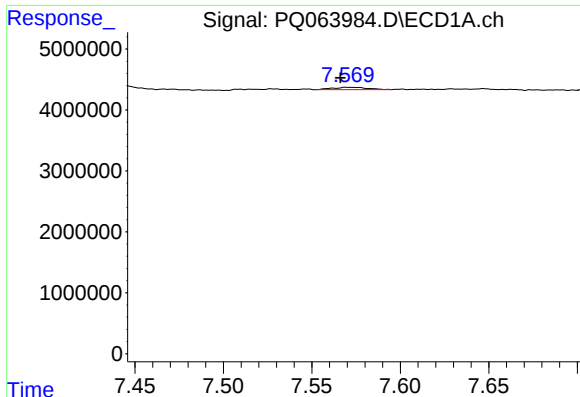
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 700224
Conc: 4.46 ng/ml



#40 AR-1262-5

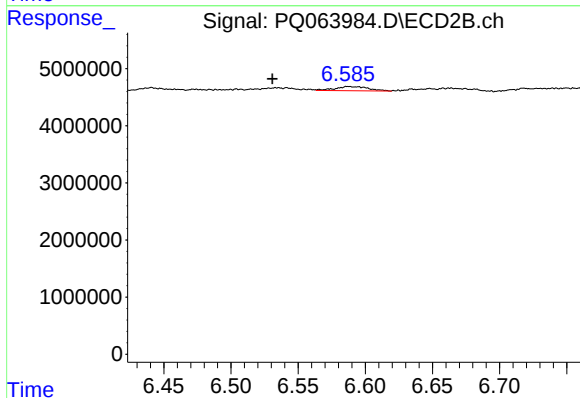
R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 283623
Conc: 1.42 ng/ml



#41 AR-1268-1

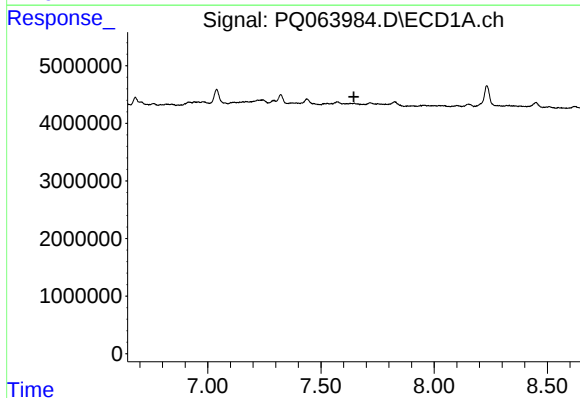
R.T.: 7.570 min
Delta R.T.: 0.004 min
Response: 512394
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



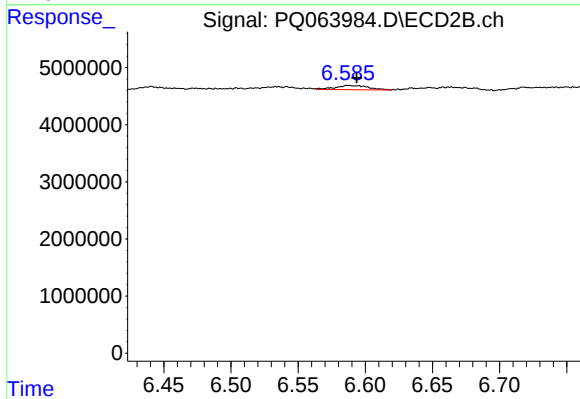
#41 AR-1268-1

R.T.: 6.588 min
Delta R.T.: 0.057 min
Response: 1261700
Conc: 2.06 ng/ml



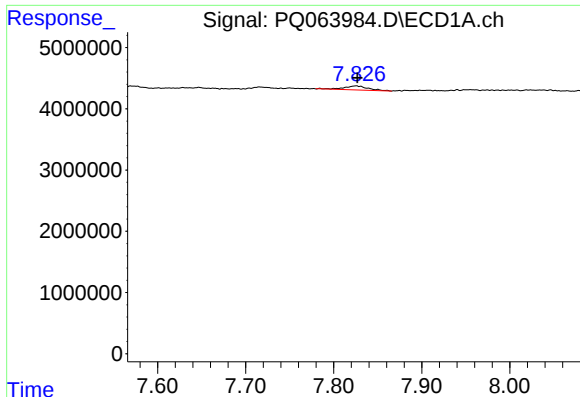
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.645 min
Response: 0
Conc: N.D.



#42 AR-1268-2

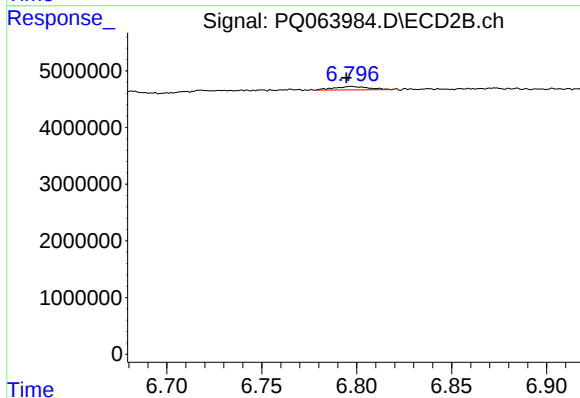
R.T.: 6.588 min
Delta R.T.: -0.005 min
Response: 1261700
Conc: 2.27 ng/ml



#43 AR-1268-3

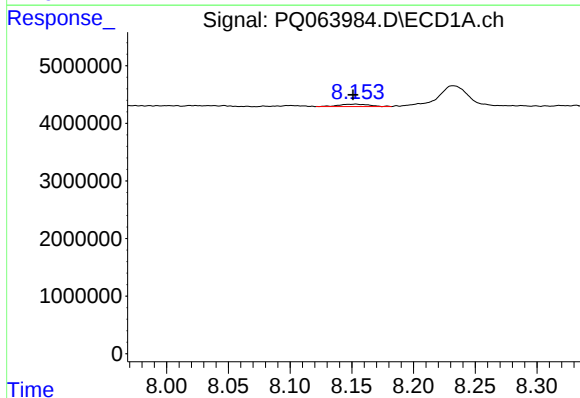
R.T.: 7.825 min
Delta R.T.: -0.002 min
Response: 1217637
Conc: 2.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



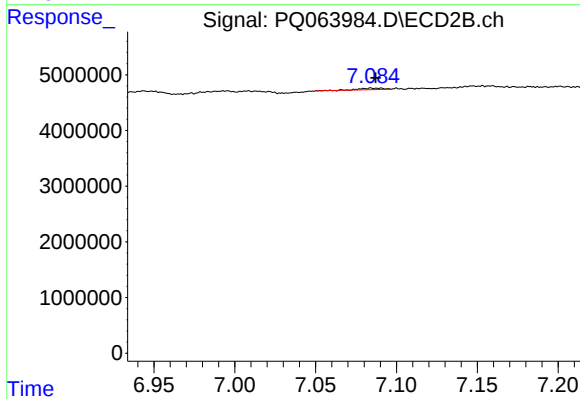
#43 AR-1268-3

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 767627
Conc: 1.57 ng/ml



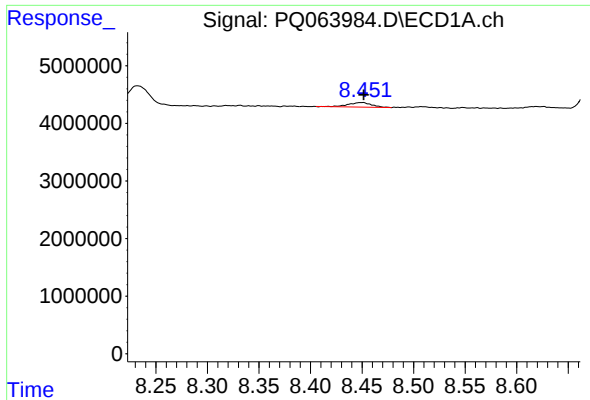
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.002 min
Response: 700224
Conc: 4.03 ng/ml



#44 AR-1268-4

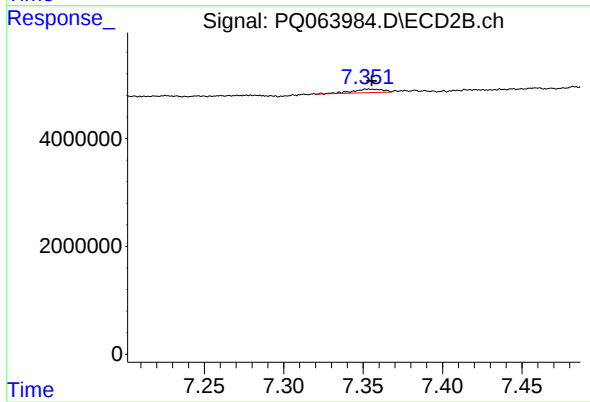
R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 283623
Conc: 1.34 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 1262597
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.354 min
Delta R.T.: -0.002 min
Response: 908623
Conc: 0.50 ng/ml