

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041023\
 Data File : PQ060876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 10:20
 Operator : YP\AJ
 Sample : 02213-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:45:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 2023
 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...	3.405	2.762	177.9E6	81133116	22.656	20.641
2)	SA Decachlor...	8.583	7.539	143.7E6	100.9E6	25.459	21.402
Target Compounds							
3)	L1 AR-1016-1	4.505	3.766	2907778	3351973	10.450	23.415 #
4)	L1 AR-1016-2	4.524	3.781	9207695	4793783	22.155	22.773
5)	L1 AR-1016-3	4.581	3.942	9545371	2691314	36.593	24.271 #
6)	L1 AR-1016-4	4.674	3.991	5303158	2196168	24.521	23.315
7)	L1 AR-1016-5	4.961	4.187	5656381	4060622	25.416	34.448 #
8)	L2 AR-1221-1	3.603	2.967	4079451	1737211	40.908	35.684
9)	L2 AR-1221-2	3.683	3.041	5383601	2400328	71.499	64.616
10)	L2 AR-1221-3	3.753	3.109	11576327	5251312	52.038	46.225
11)	L3 AR-1232-1	3.753	3.109	11576327	5251312	67.731	60.670
12)	L3 AR-1232-2	4.247	3.781	5223010	4793783	52.688	50.448
13)	L3 AR-1232-3	4.524	3.942	9207695	2691314	49.093	53.937
14)	L3 AR-1232-4	4.674	4.028	5303158	2439356	53.699	57.283
15)	L3 AR-1232-5	4.771	4.187	3846881	4060622	56.639	78.960 #
16)	L4 AR-1242-1	4.505	3.766	2907778	3351973	13.728	30.092 #
17)	L4 AR-1242-2	4.524	3.781	9207695	4793783	29.232	29.621
18)	L4 AR-1242-3	4.581	3.942	9545371	2691314	47.354	31.821 #
19)	L4 AR-1242-4	4.674	4.028	5303158	2439356	30.998	29.460
20)	L4 AR-1242-5	5.389	4.524	4189340	5058438	24.741	44.347 #
21)	L5 AR-1248-1	4.505	3.766	2907778	3351973	17.224	38.002 #
22)	L5 AR-1248-2	4.771	3.991	3846881	2196168	16.807	16.846
23)	L5 AR-1248-3	4.961	4.028	5656381	2439356	20.186	19.430
24)	L5 AR-1248-4	5.354	4.187	2910702	4060622	9.350	26.064 #
25)	L5 AR-1248-5	5.389	4.560	4189340	5802340	13.973	37.826 #
26)	L6 AR-1254-1	5.326	4.524	4812879	5058438	15.121	21.794 #
27)	L6 AR-1254-2	5.541	4.667	13055862	3974828	26.507	18.936 #
28)	L6 AR-1254-3	5.897	5.050	2733208	1406549	5.407	4.261
29)	L6 AR-1254-4	6.179	5.278	490502	919855	1.310	4.394 #
30)	L6 AR-1254-5	6.593	5.686	154326	856928	0.365	2.620 #
31)	L7 AR-1260-1	6.063	5.185	382727	2531404	0.995	10.927 #
32)	L7 AR-1260-2	6.370f	5.390	1654619	20988164	3.613	73.238 #
33)	L7 AR-1260-3	6.671	5.520	364239	1680110	1.258	6.164 #
34)	L7 AR-1260-4	6.888	5.974	164614	597090	0.478	2.953 #
35)	L7 AR-1260-5	7.201	6.220	424774	1528023	0.650	3.302 #
36)	L8 AR-1262-1	6.671	5.738	364239	1106521	0.765	3.484 #
37)	L8 AR-1262-2	7.201	6.220	424774	1528023	0.543	2.621 #
38)	L8 AR-1262-3	7.480	6.505	309538	1010212	0.588	4.248 #
39)	L8 AR-1262-4	7.556	6.560	139833	2320250	0.339	5.247 #
40)	L8 AR-1262-5	8.056	7.064	1367669	872342	5.056	4.124
41)	L9 AR-1268-1	7.480	6.505	309538	1010212	0.356	1.503 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041023\
 Data File : PQ060876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 10:20
 Operator : YP\AJ
 Sample : 02213-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 50 Sample Multiplier: 1

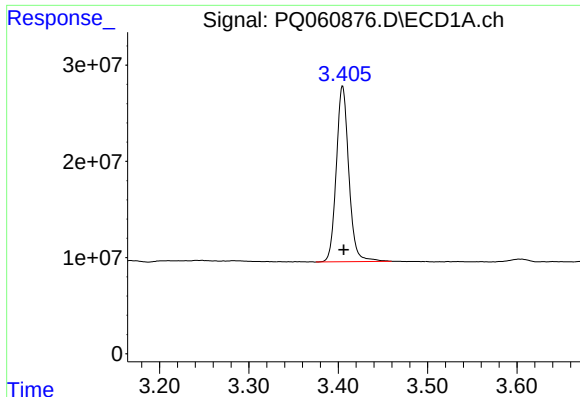
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:45:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 2023
 Response via : Initial Calibration
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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
42) L9	AR-1268-2	7.556	6.560	139833	2320250	0.176	3.753 #
43) L9	AR-1268-3	7.754	6.745	309430	13330291	0.466	24.605 #
44) L9	AR-1268-4	8.056	7.064	1367669	872342	4.638	3.741
45) L9	AR-1268-5	8.349	7.318	442138	4940589	0.234	2.827 #

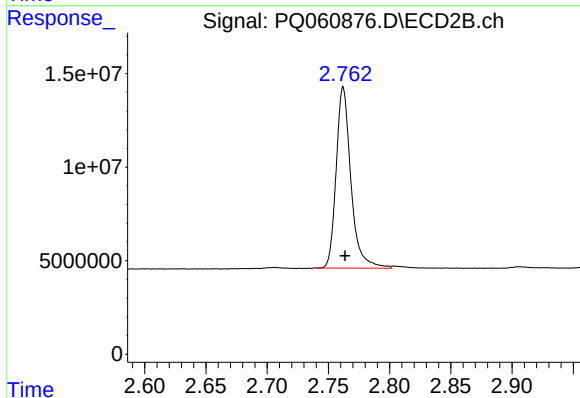
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

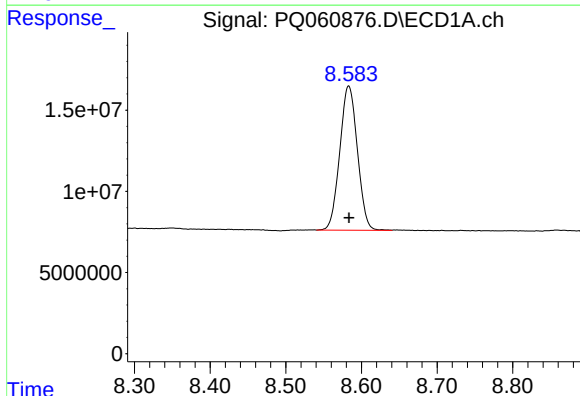
R.T.: 3.405 min
Delta R.T.: -0.001 min
Response: 177853425
Conc: 22.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



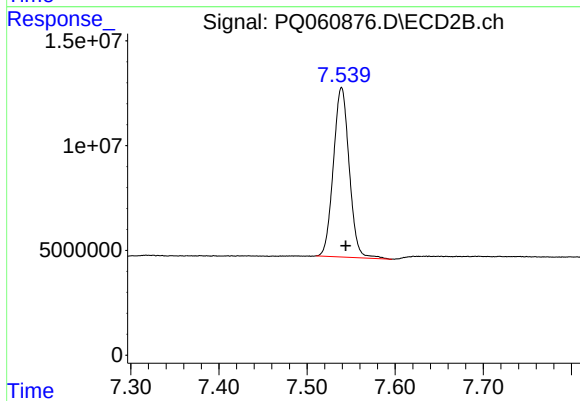
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: -0.002 min
Response: 81133116
Conc: 20.64 ng/ml



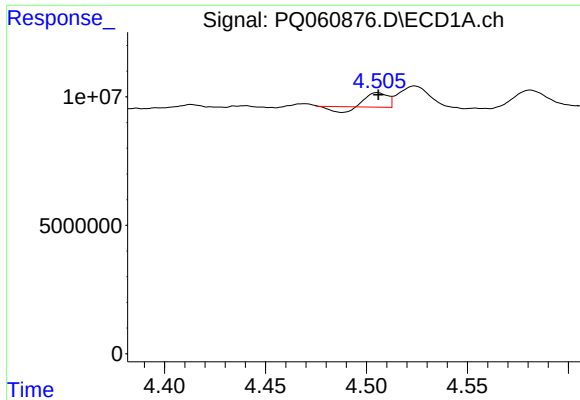
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 143669317
Conc: 25.46 ng/ml



#2 Decachlorobiphenyl

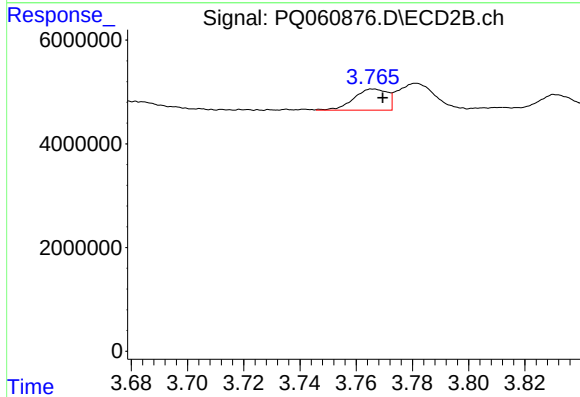
R.T.: 7.539 min
Delta R.T.: -0.005 min
Response: 100865052
Conc: 21.40 ng/ml



#3 AR-1016-1

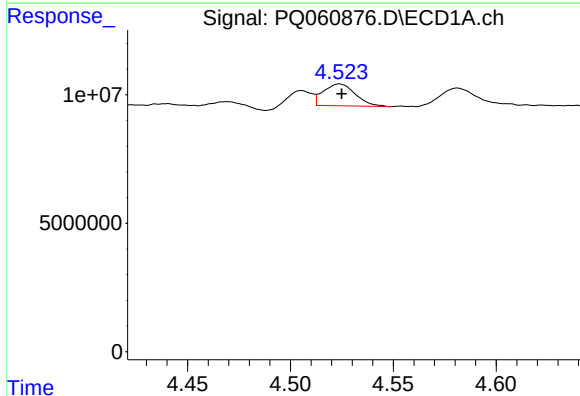
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 2907778
Conc: 10.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



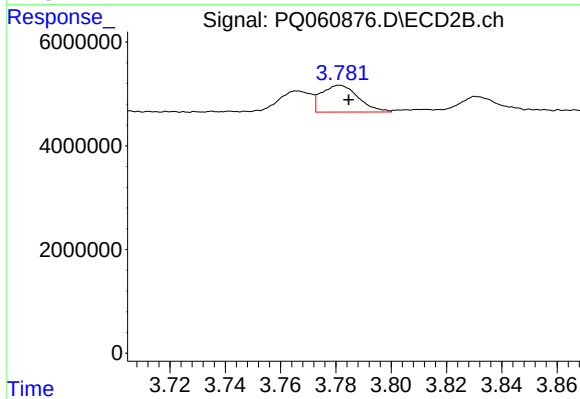
#3 AR-1016-1

R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 3351973
Conc: 23.42 ng/ml



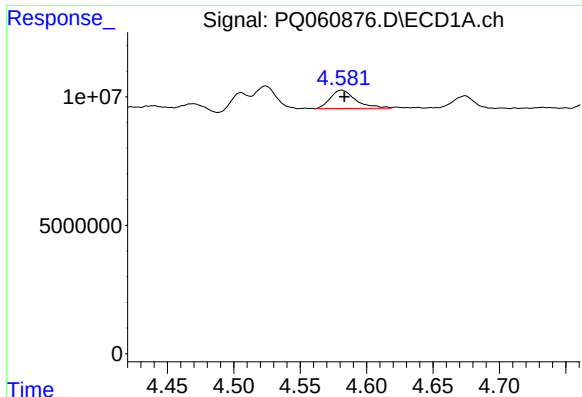
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 9207695
Conc: 22.16 ng/ml



#4 AR-1016-2

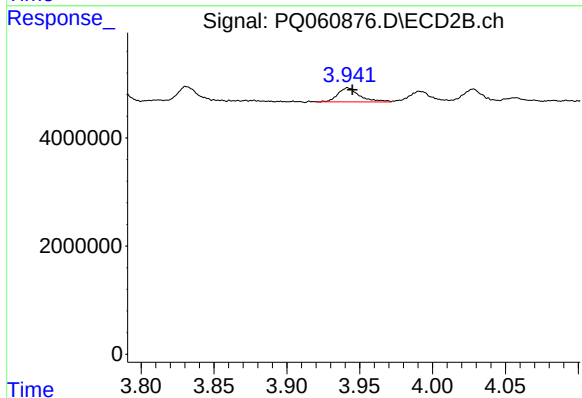
R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 4793783
Conc: 22.77 ng/ml



#5 AR-1016-3

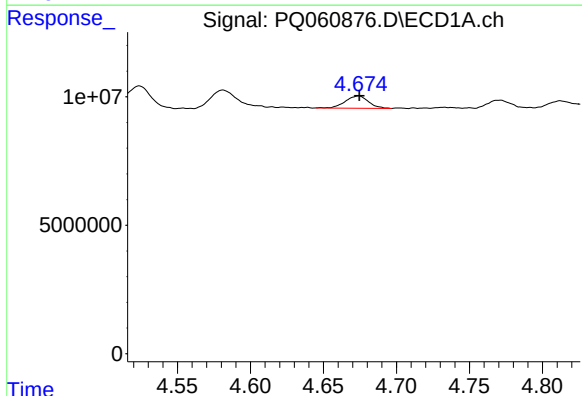
R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 9545371
Conc: 36.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



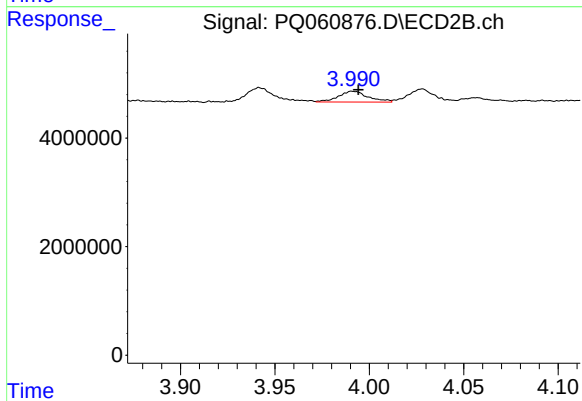
#5 AR-1016-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 2691314
Conc: 24.27 ng/ml



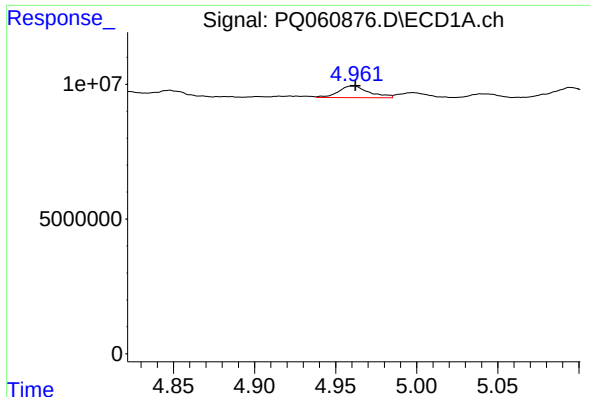
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 5303158
Conc: 24.52 ng/ml



#6 AR-1016-4

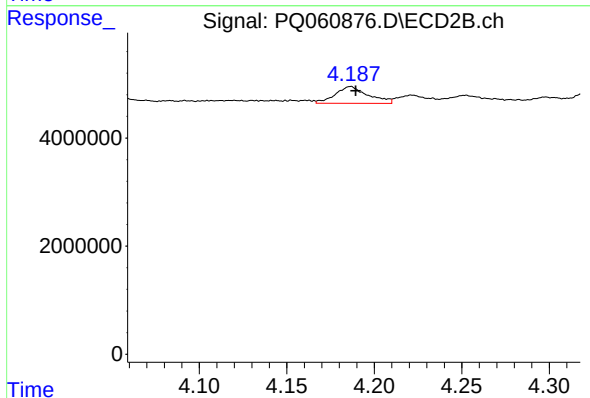
R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 2196168
Conc: 23.31 ng/ml



#7 AR-1016-5

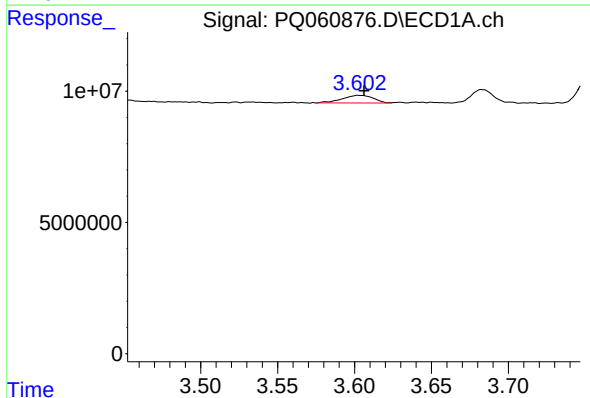
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 5656381
Conc: 25.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



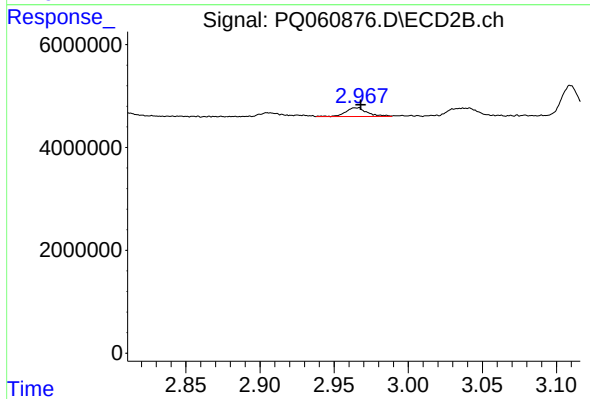
#7 AR-1016-5

R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 4060622
Conc: 34.45 ng/ml



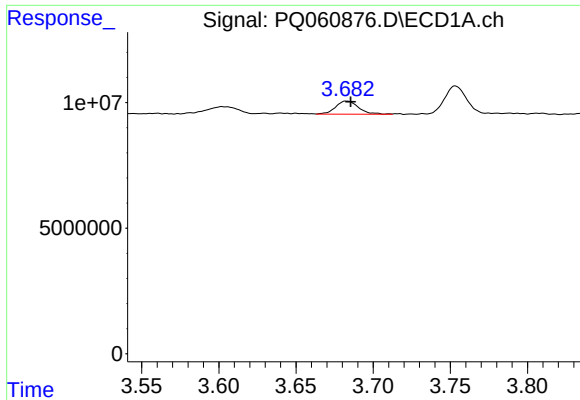
#8 AR-1221-1

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 4079451
Conc: 40.91 ng/ml



#8 AR-1221-1

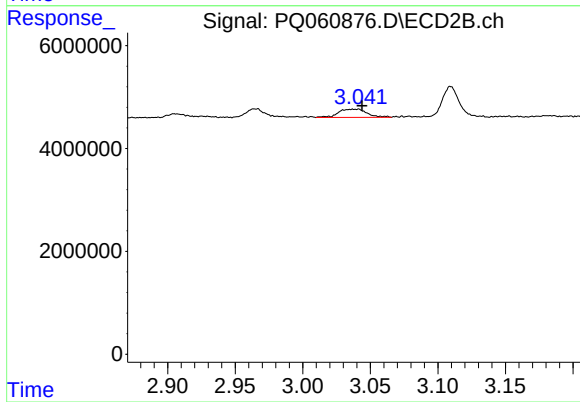
R.T.: 2.967 min
Delta R.T.: -0.001 min
Response: 1737211
Conc: 35.68 ng/ml



#9 AR-1221-2

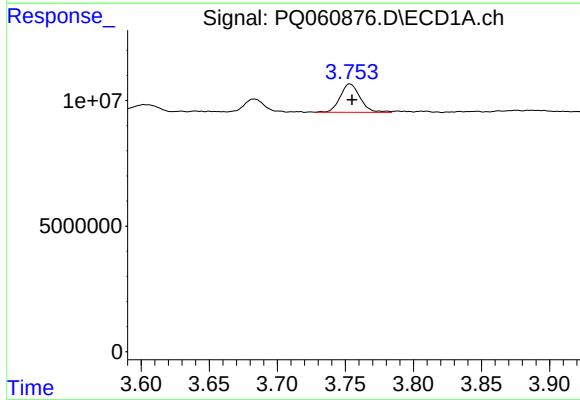
R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 5383601
Conc: 71.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



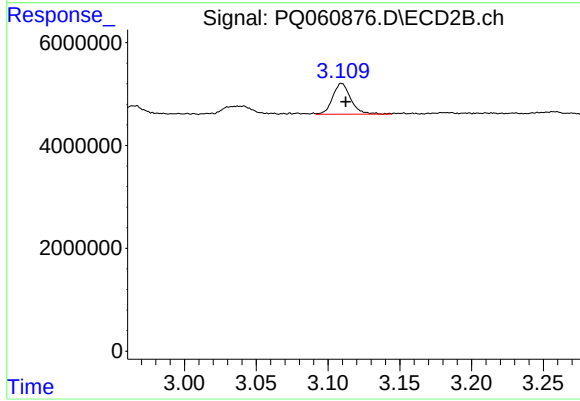
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: -0.003 min
Response: 2400328
Conc: 64.62 ng/ml



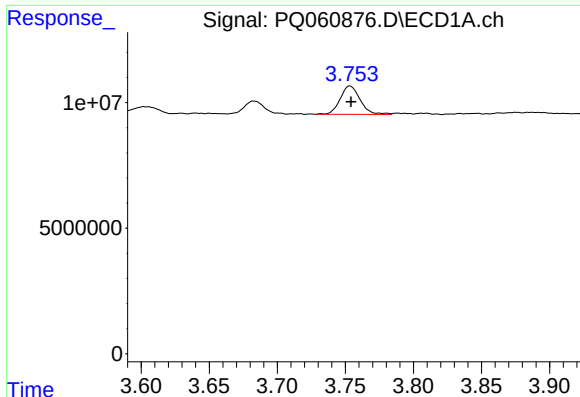
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: -0.001 min
Response: 11576327
Conc: 52.04 ng/ml



#10 AR-1221-3

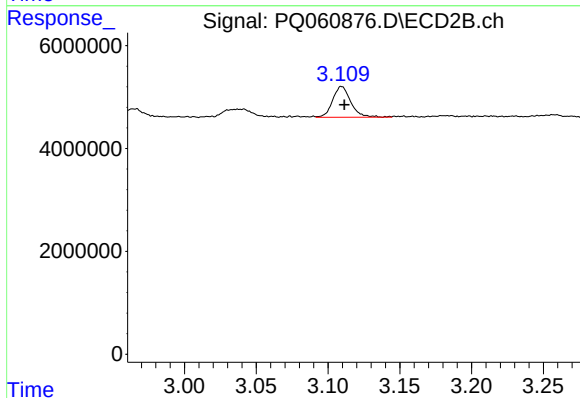
R.T.: 3.109 min
Delta R.T.: -0.003 min
Response: 5251312
Conc: 46.22 ng/ml



#11 AR-1232-1

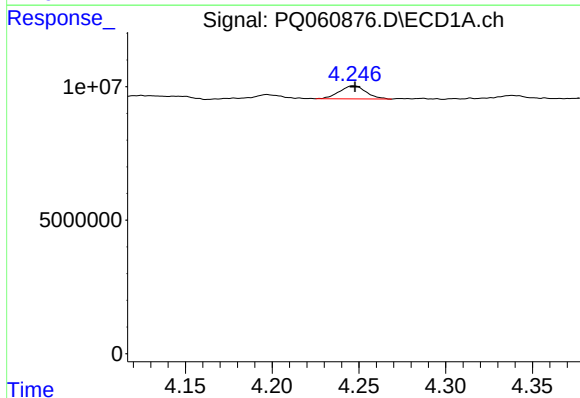
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 11576327
Conc: 67.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



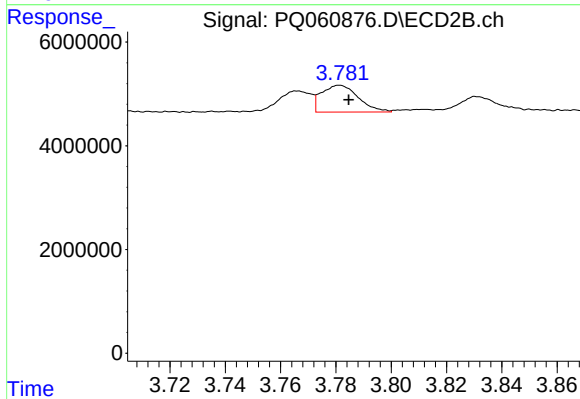
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.002 min
Response: 5251312
Conc: 60.67 ng/ml



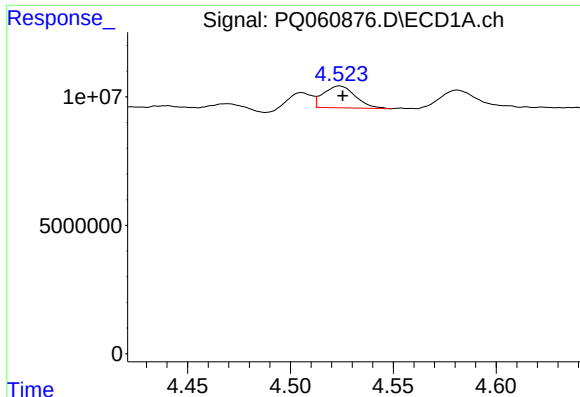
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 5223010
Conc: 52.69 ng/ml



#12 AR-1232-2

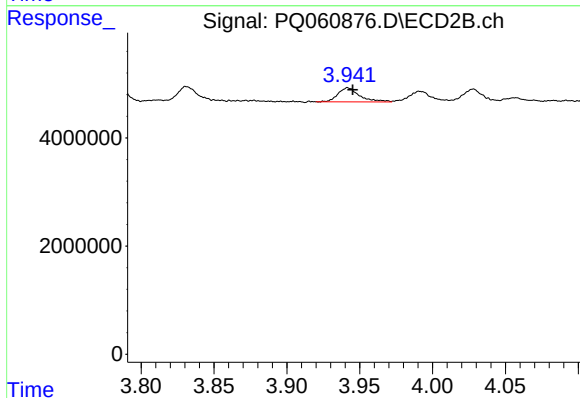
R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 4793783
Conc: 50.45 ng/ml



#13 AR-1232-3

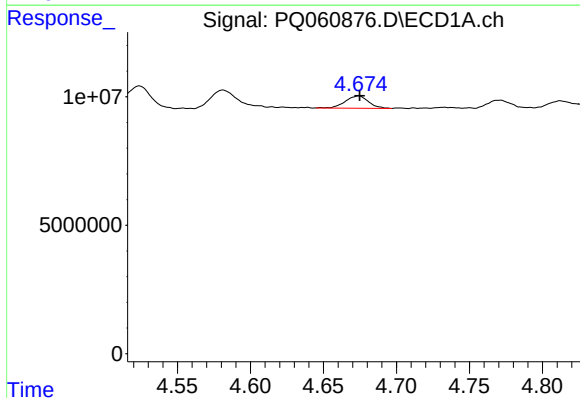
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 9207695
Conc: 49.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



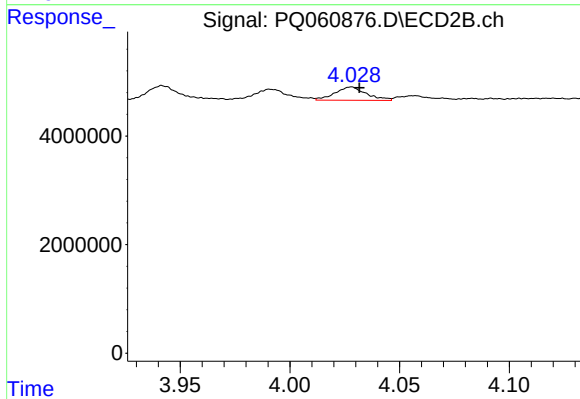
#13 AR-1232-3

R.T.: 3.942 min
Delta R.T.: -0.004 min
Response: 2691314
Conc: 53.94 ng/ml



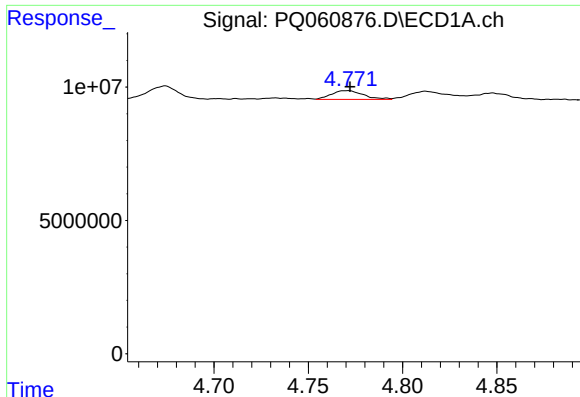
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 5303158
Conc: 53.70 ng/ml



#14 AR-1232-4

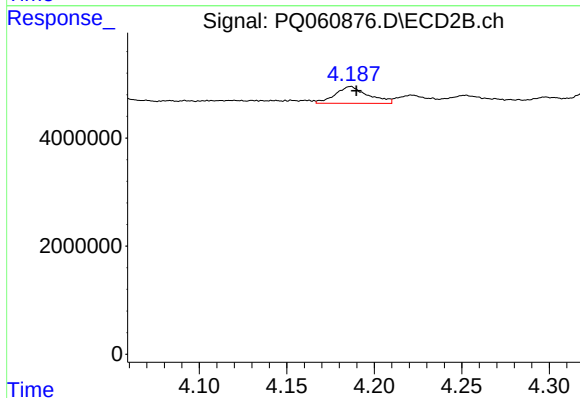
R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 2439356
Conc: 57.28 ng/ml



#15 AR-1232-5

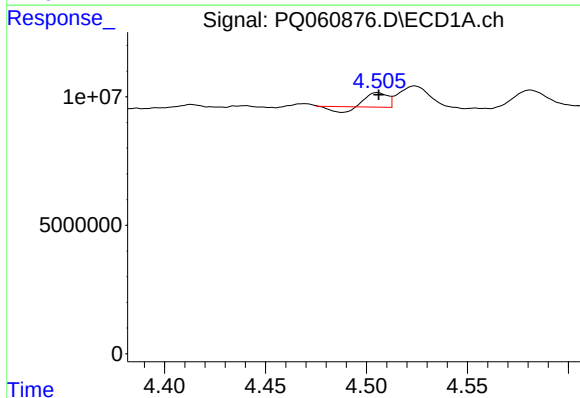
R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 3846881
Conc: 56.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



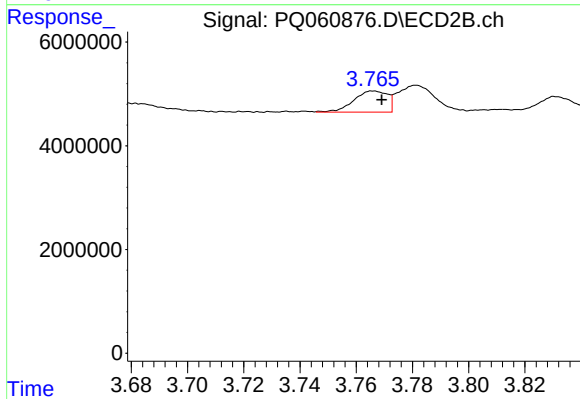
#15 AR-1232-5

R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 4060622
Conc: 78.96 ng/ml



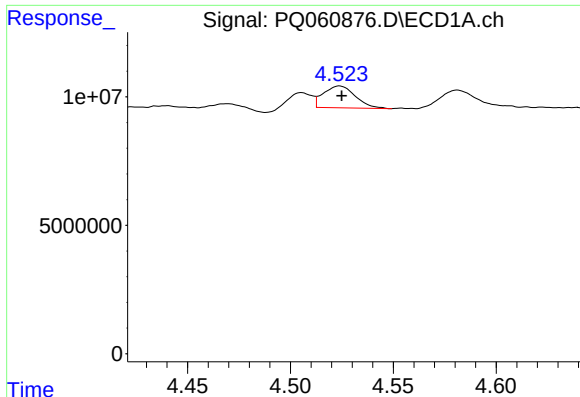
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 2907778
Conc: 13.73 ng/ml



#16 AR-1242-1

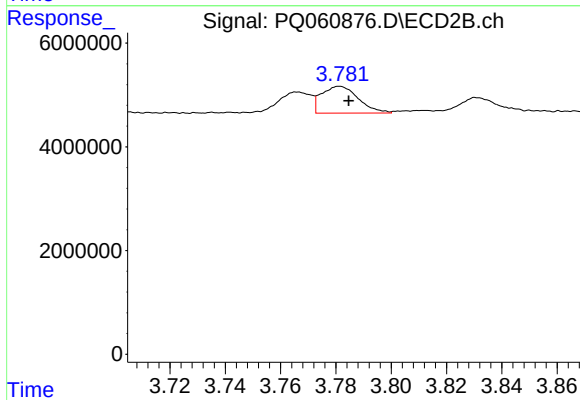
R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 3351973
Conc: 30.09 ng/ml



#17 AR-1242-2

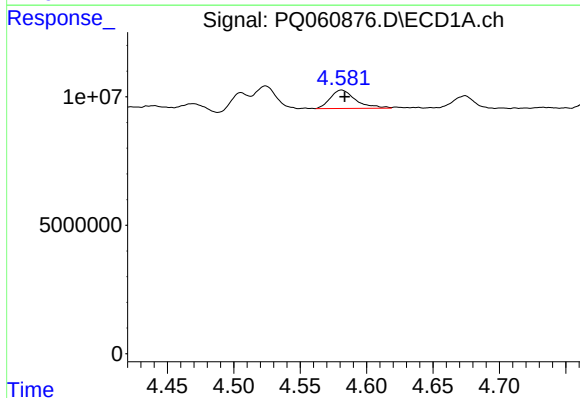
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 9207695
Conc: 29.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



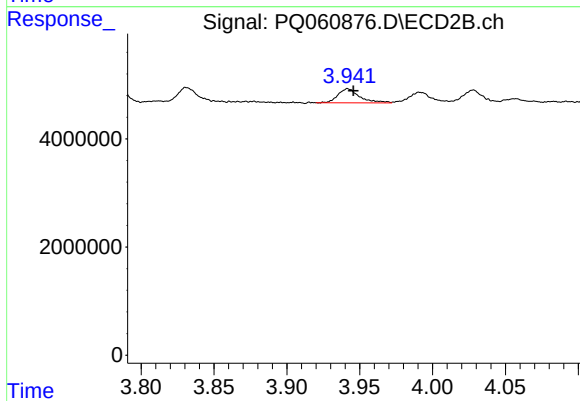
#17 AR-1242-2

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 4793783
Conc: 29.62 ng/ml



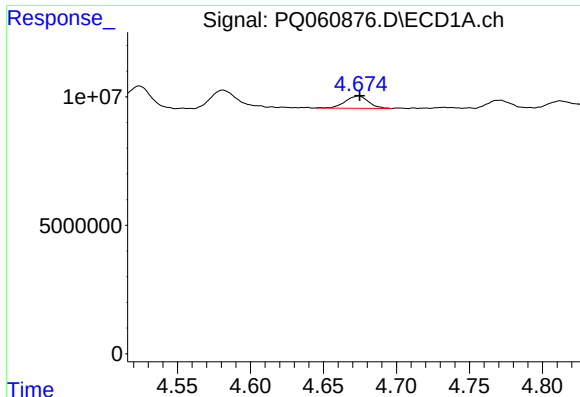
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 9545371
Conc: 47.35 ng/ml



#18 AR-1242-3

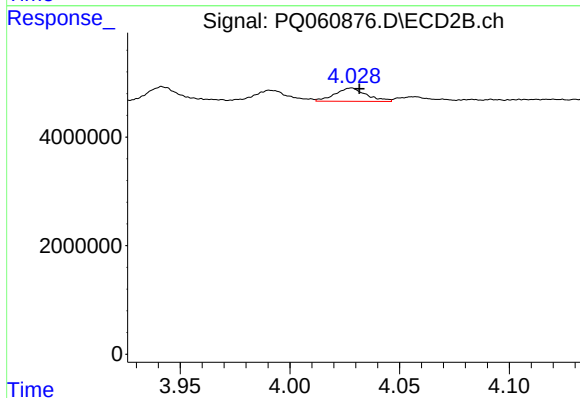
R.T.: 3.942 min
Delta R.T.: -0.004 min
Response: 2691314
Conc: 31.82 ng/ml



#19 AR-1242-4

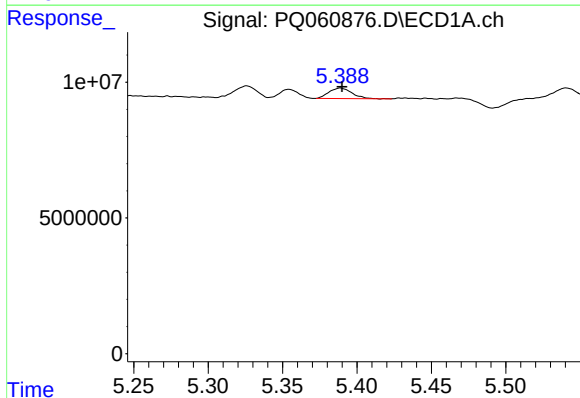
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 5303158
Conc: 31.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



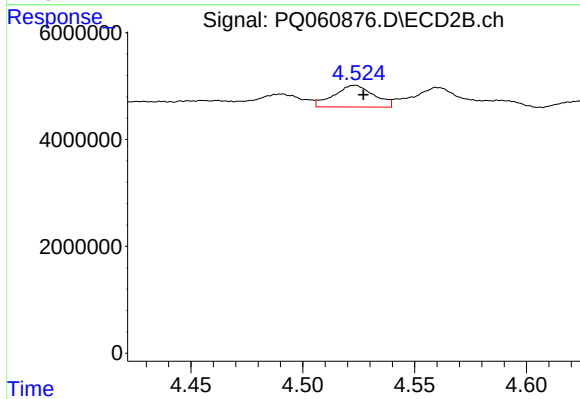
#19 AR-1242-4

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 2439356
Conc: 29.46 ng/ml



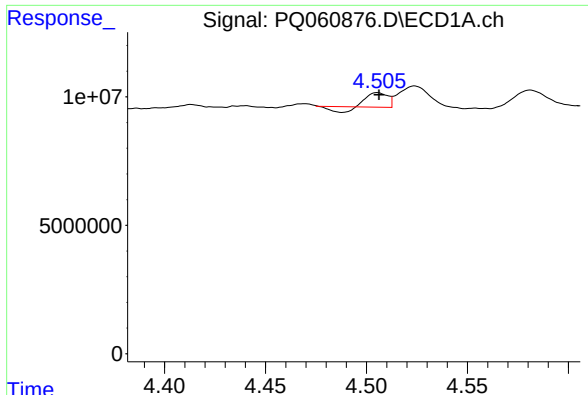
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: -0.001 min
Response: 4189340
Conc: 24.74 ng/ml



#20 AR-1242-5

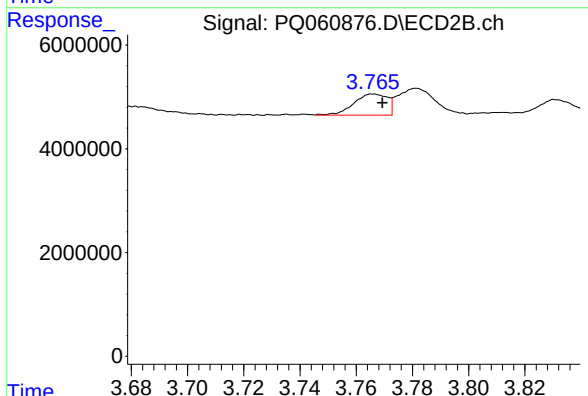
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 5058438
Conc: 44.35 ng/ml



#21 AR-1248-1

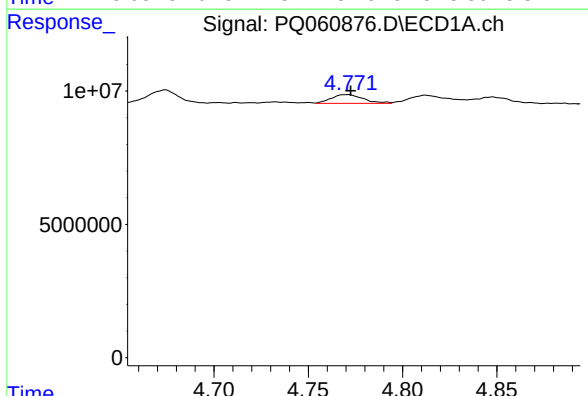
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 2907778
Conc: 17.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



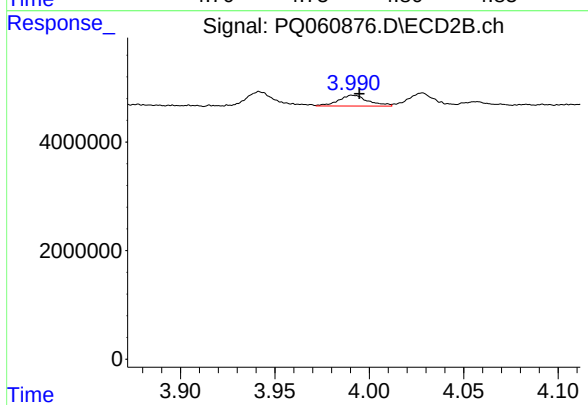
#21 AR-1248-1

R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 3351973
Conc: 38.00 ng/ml



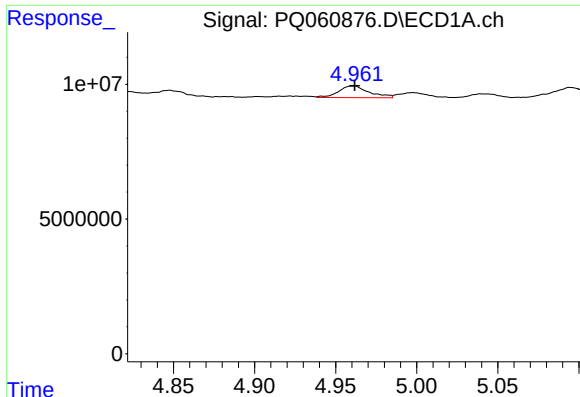
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 3846881
Conc: 16.81 ng/ml



#22 AR-1248-2

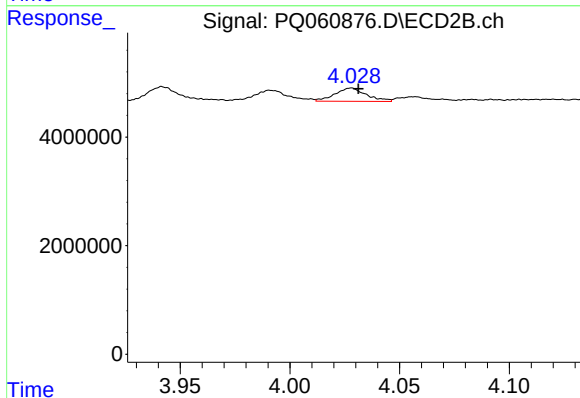
R.T.: 3.991 min
Delta R.T.: -0.004 min
Response: 2196168
Conc: 16.85 ng/ml



#23 AR-1248-3

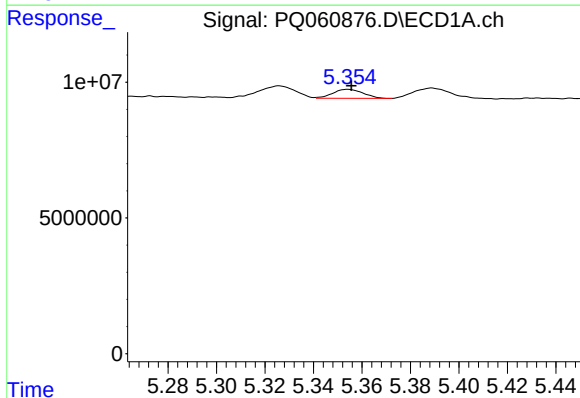
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 5656381
Conc: 20.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



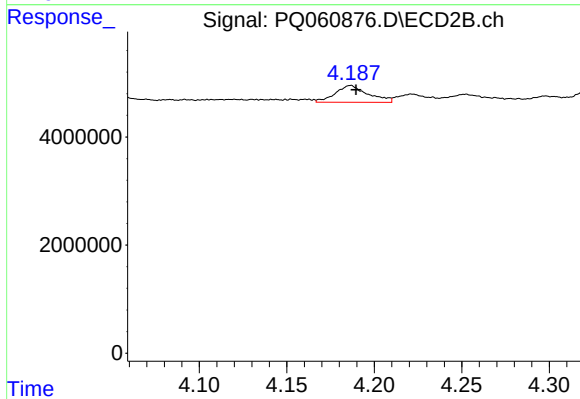
#23 AR-1248-3

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 2439356
Conc: 19.43 ng/ml



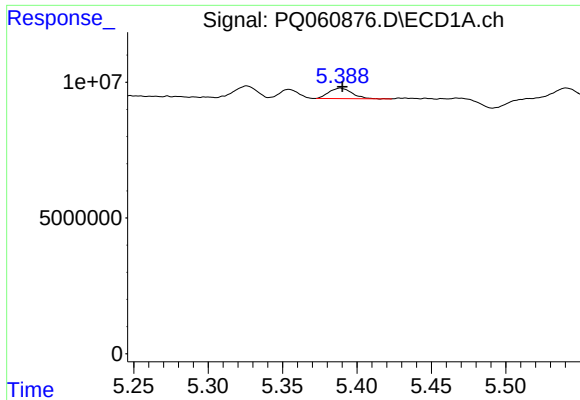
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 2910702
Conc: 9.35 ng/ml



#24 AR-1248-4

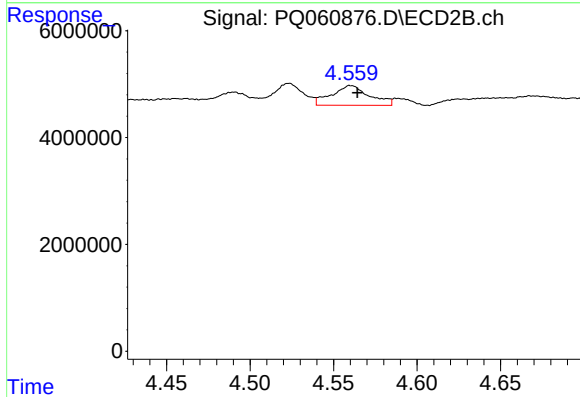
R.T.: 4.187 min
Delta R.T.: -0.003 min
Response: 4060622
Conc: 26.06 ng/ml



#25 AR-1248-5

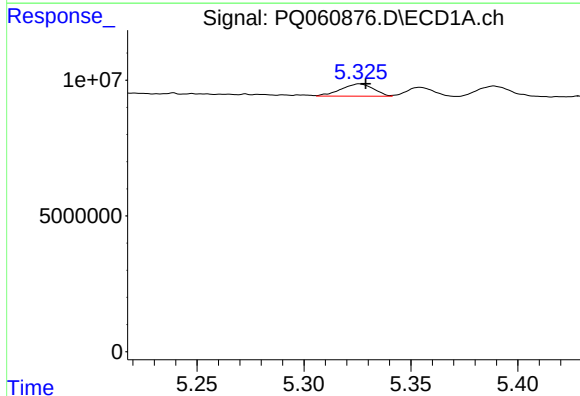
R.T.: 5.389 min
Delta R.T.: -0.001 min
Response: 4189340
Conc: 13.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



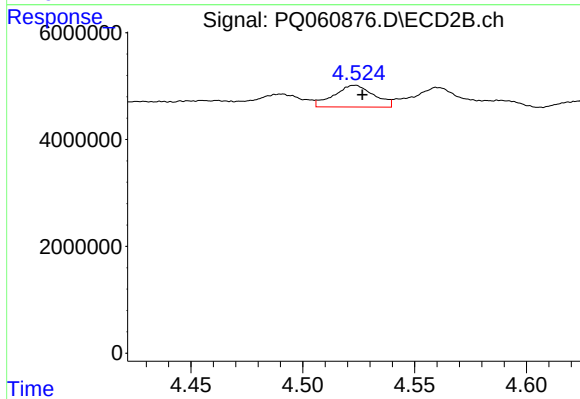
#25 AR-1248-5

R.T.: 4.560 min
Delta R.T.: -0.005 min
Response: 5802340
Conc: 37.83 ng/ml



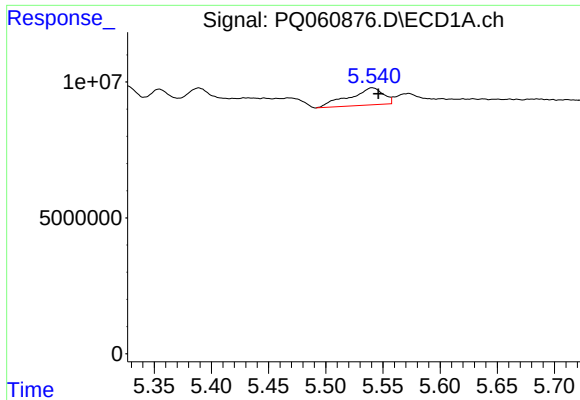
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 4812879
Conc: 15.12 ng/ml



#26 AR-1254-1

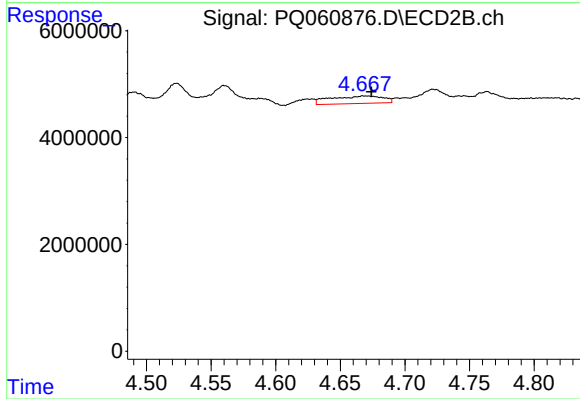
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 5058438
Conc: 21.79 ng/ml



#27 AR-1254-2

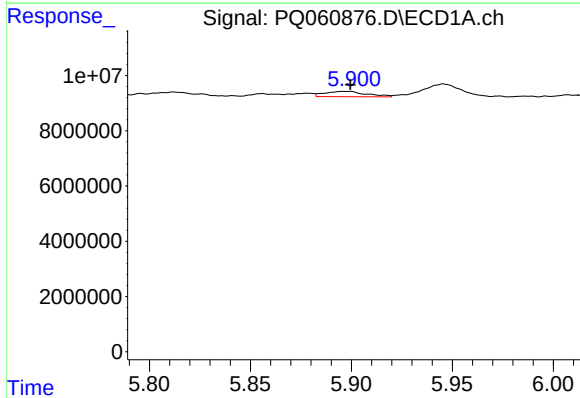
R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 13055862
Conc: 26.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



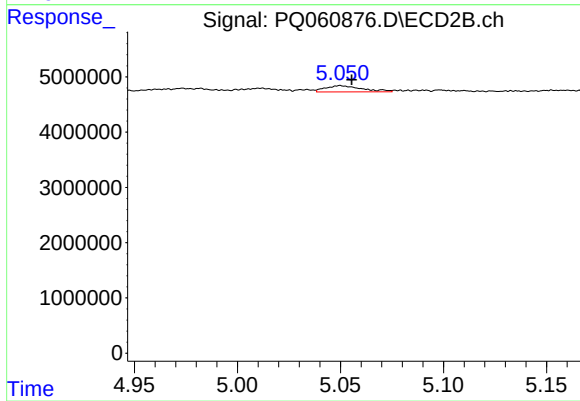
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: -0.007 min
Response: 3974828
Conc: 18.94 ng/ml



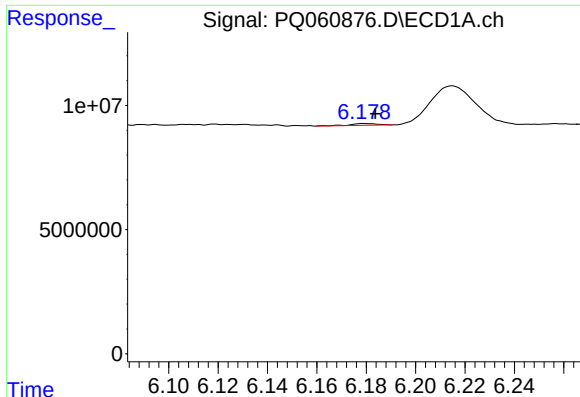
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 2733208
Conc: 5.41 ng/ml



#28 AR-1254-3

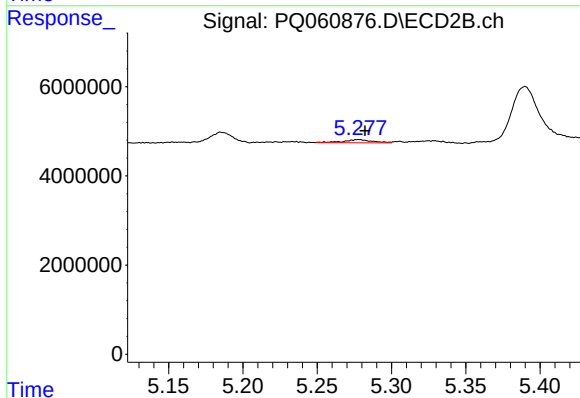
R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 1406549
Conc: 4.26 ng/ml



#29 AR-1254-4

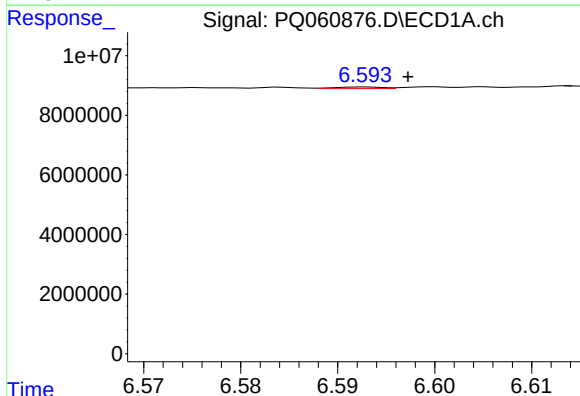
R.T.: 6.179 min
Delta R.T.: -0.004 min
Response: 490502
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



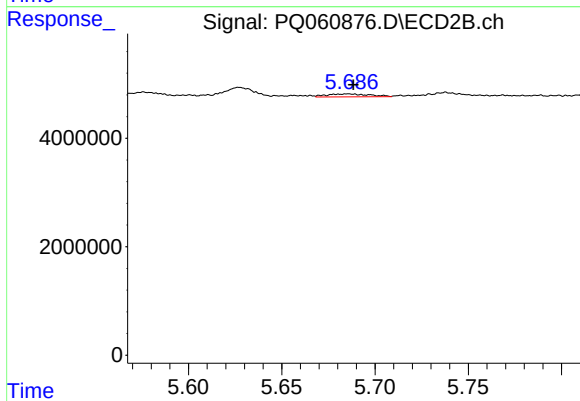
#29 AR-1254-4

R.T.: 5.278 min
Delta R.T.: -0.004 min
Response: 919855
Conc: 4.39 ng/ml



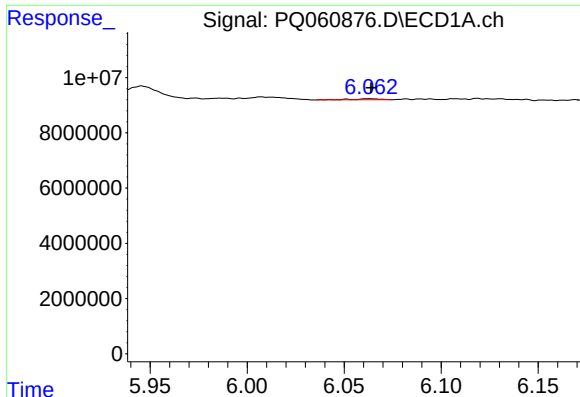
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.004 min
Response: 154326
Conc: 0.36 ng/ml



#30 AR-1254-5

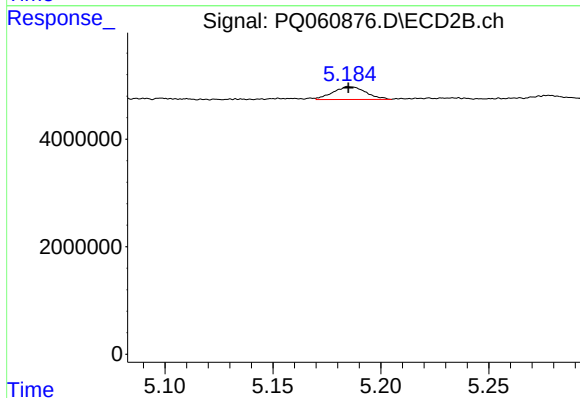
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 856928
Conc: 2.62 ng/ml



#31 AR-1260-1

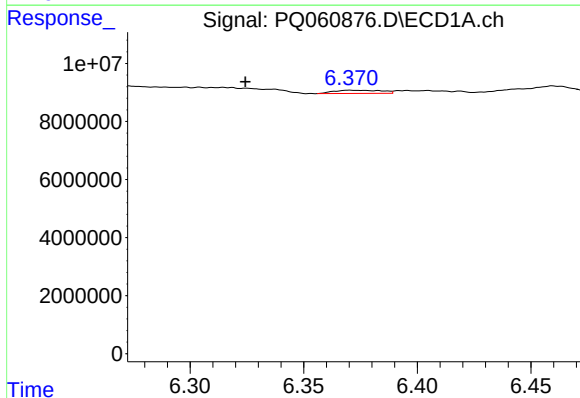
R.T.: 6.063 min
Delta R.T.: -0.001 min
Response: 382727
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



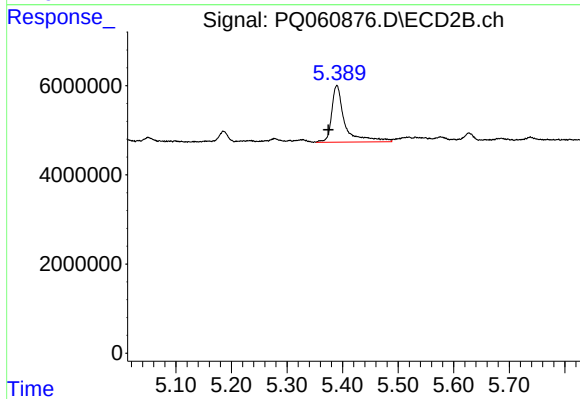
#31 AR-1260-1

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 2531404
Conc: 10.93 ng/ml



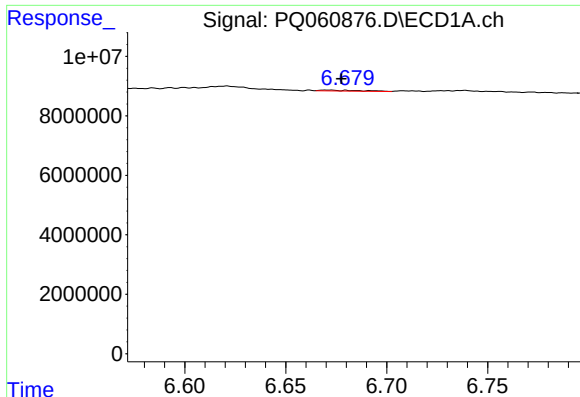
#32 AR-1260-2

R.T.: 6.370 min
Delta R.T.: 0.046 min
Response: 1654619
Conc: 3.61 ng/ml



#32 AR-1260-2

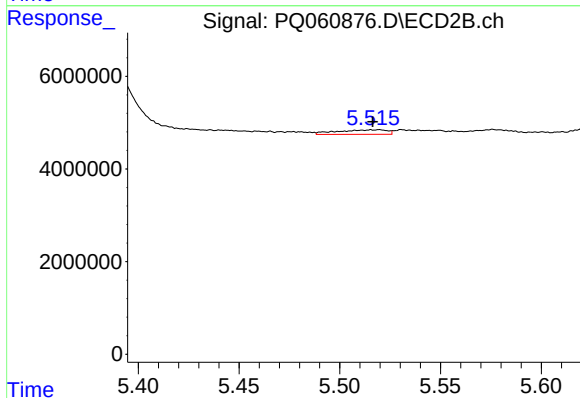
R.T.: 5.390 min
Delta R.T.: 0.015 min
Response: 20988164
Conc: 73.24 ng/ml



#33 AR-1260-3

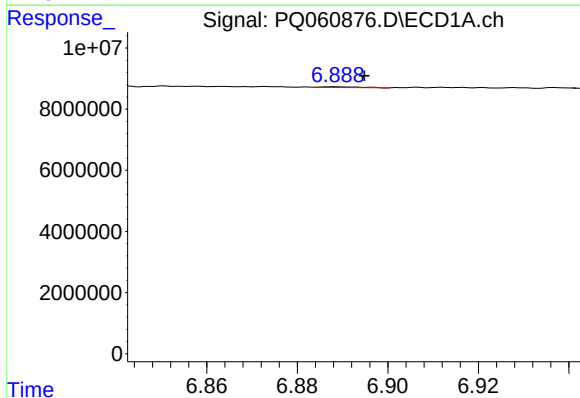
R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 364239
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



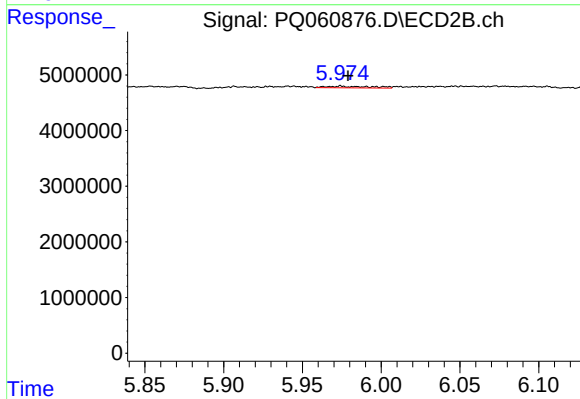
#33 AR-1260-3

R.T.: 5.520 min
Delta R.T.: 0.003 min
Response: 1680110
Conc: 6.16 ng/ml



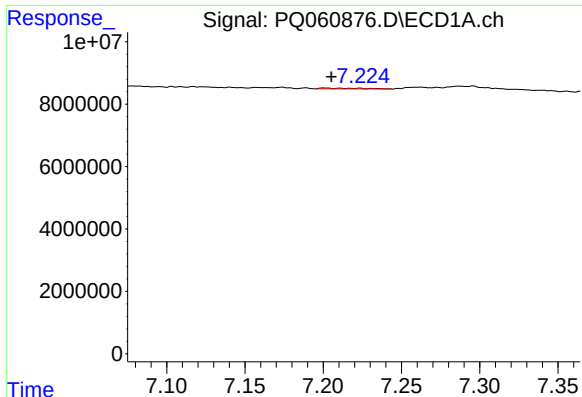
#34 AR-1260-4

R.T.: 6.888 min
Delta R.T.: -0.007 min
Response: 164614
Conc: 0.48 ng/ml



#34 AR-1260-4

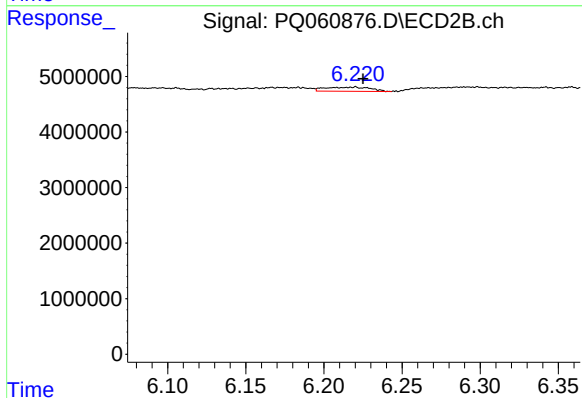
R.T.: 5.974 min
Delta R.T.: -0.005 min
Response: 597090
Conc: 2.95 ng/ml



#35 AR-1260-5

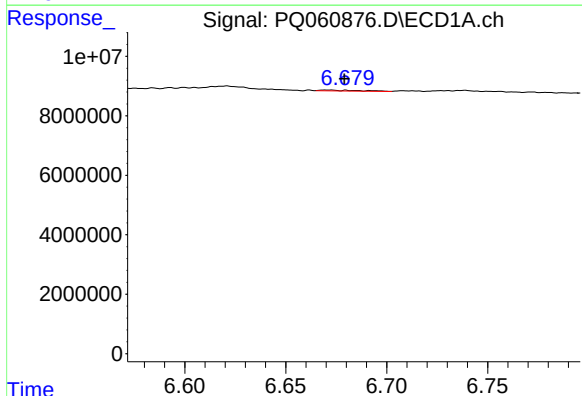
R.T.: 7.201 min
Delta R.T.: -0.004 min
Response: 424774
Conc: 0.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



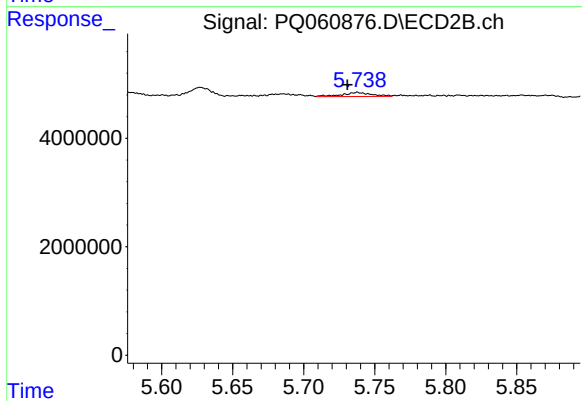
#35 AR-1260-5

R.T.: 6.220 min
Delta R.T.: -0.005 min
Response: 1528023
Conc: 3.30 ng/ml



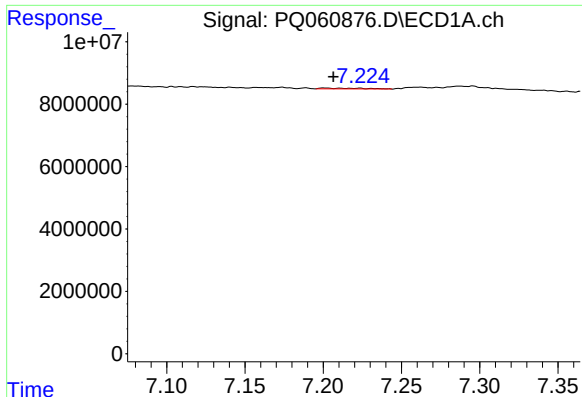
#36 AR-1262-1

R.T.: 6.671 min
Delta R.T.: -0.008 min
Response: 364239
Conc: 0.77 ng/ml



#36 AR-1262-1

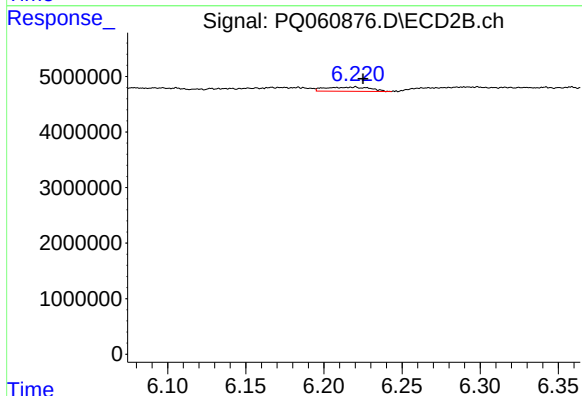
R.T.: 5.738 min
Delta R.T.: 0.007 min
Response: 1106521
Conc: 3.48 ng/ml



#37 AR-1262-2

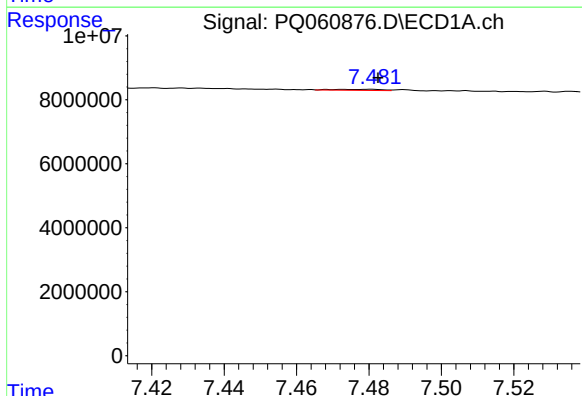
R.T.: 7.201 min
Delta R.T.: -0.006 min
Response: 424774
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



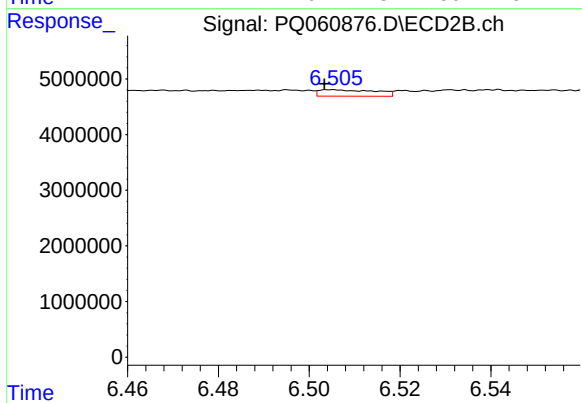
#37 AR-1262-2

R.T.: 6.220 min
Delta R.T.: -0.005 min
Response: 1528023
Conc: 2.62 ng/ml



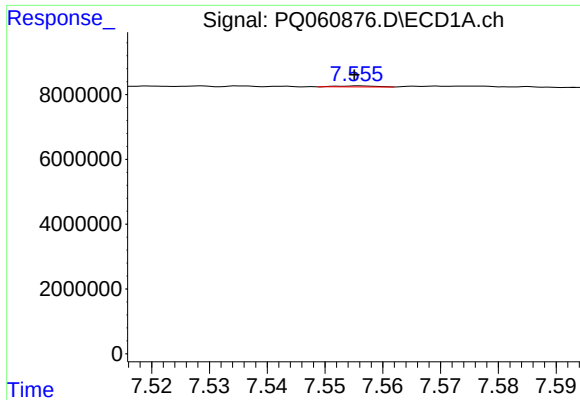
#38 AR-1262-3

R.T.: 7.480 min
Delta R.T.: -0.002 min
Response: 309538
Conc: 0.59 ng/ml



#38 AR-1262-3

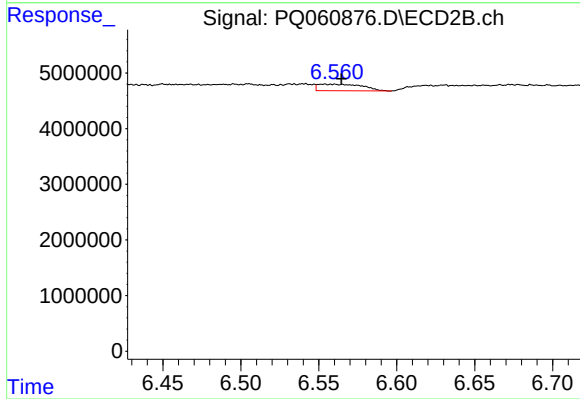
R.T.: 6.505 min
Delta R.T.: 0.002 min
Response: 1010212
Conc: 4.25 ng/ml



#39 AR-1262-4

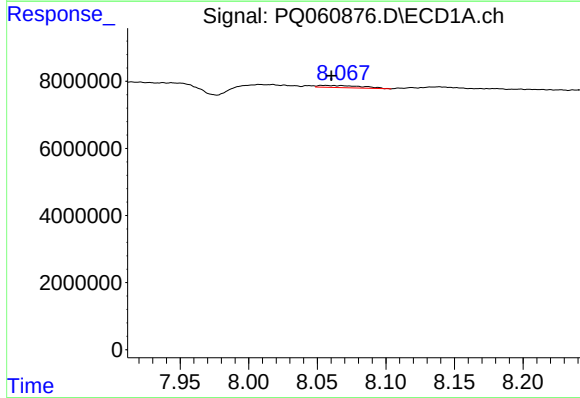
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 139833
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



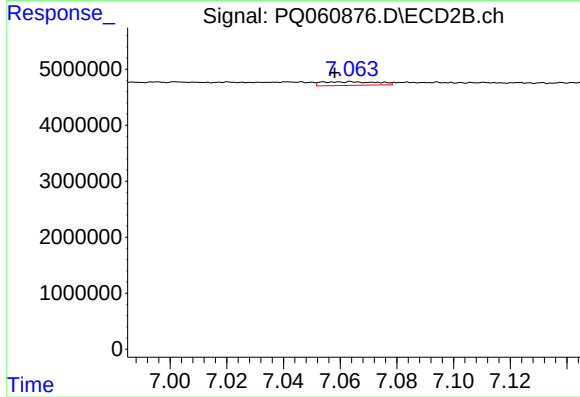
#39 AR-1262-4

R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 2320250
Conc: 5.25 ng/ml



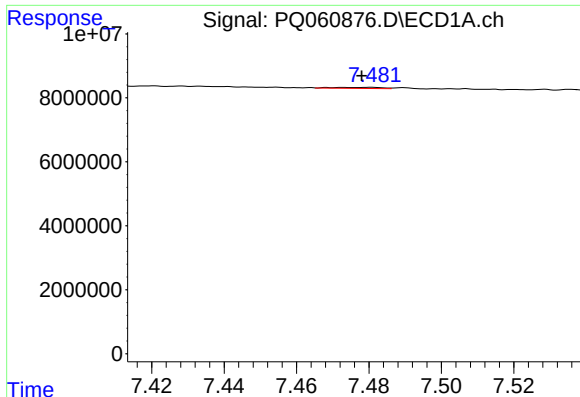
#40 AR-1262-5

R.T.: 8.056 min
Delta R.T.: -0.004 min
Response: 1367669
Conc: 5.06 ng/ml



#40 AR-1262-5

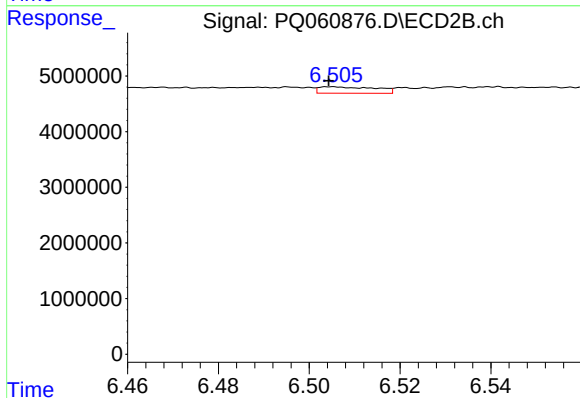
R.T.: 7.064 min
Delta R.T.: 0.006 min
Response: 872342
Conc: 4.12 ng/ml



#41 AR-1268-1

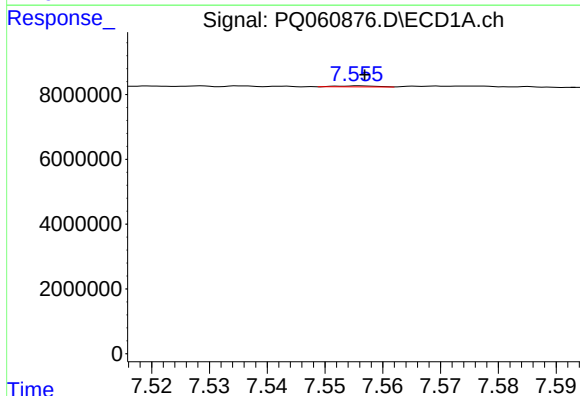
R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 309538
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



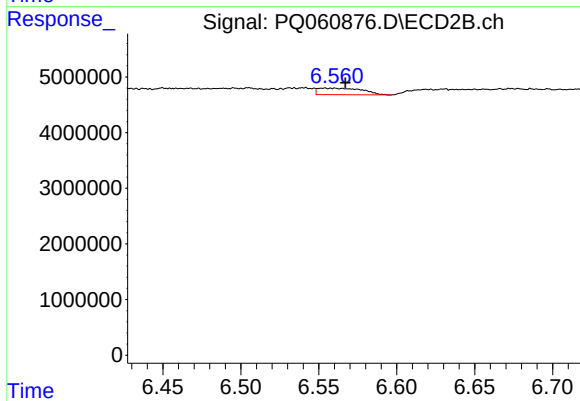
#41 AR-1268-1

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 1010212
Conc: 1.50 ng/ml



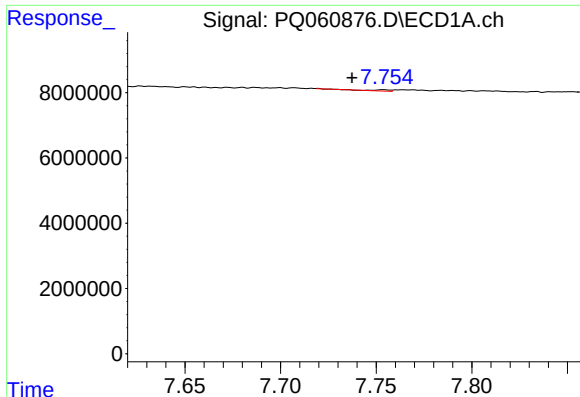
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 139833
Conc: 0.18 ng/ml



#42 AR-1268-2

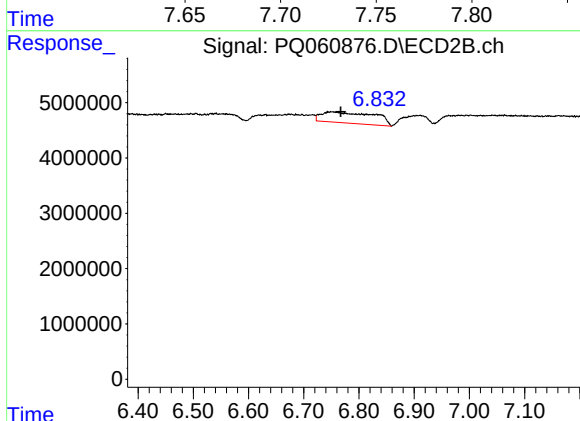
R.T.: 6.560 min
Delta R.T.: -0.007 min
Response: 2320250
Conc: 3.75 ng/ml



#43 AR-1268-3

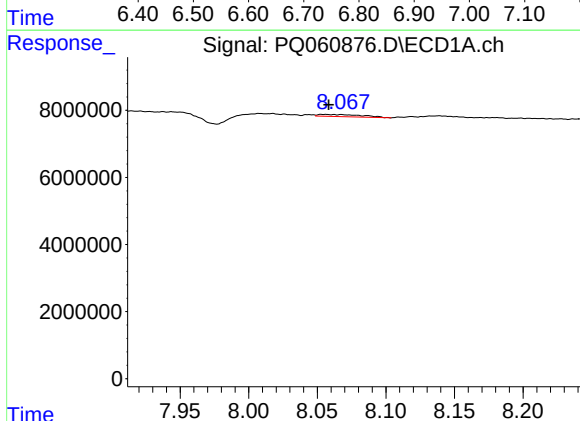
R.T.: 7.754 min
Delta R.T.: 0.016 min
Response: 309430
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



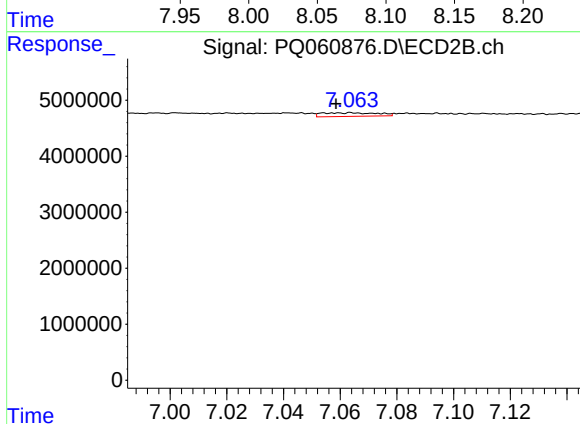
#43 AR-1268-3

R.T.: 6.745 min
Delta R.T.: -0.022 min
Response: 13330291
Conc: 24.60 ng/ml



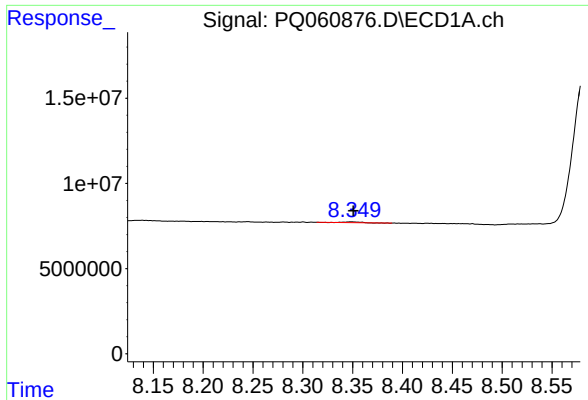
#44 AR-1268-4

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 1367669
Conc: 4.64 ng/ml



#44 AR-1268-4

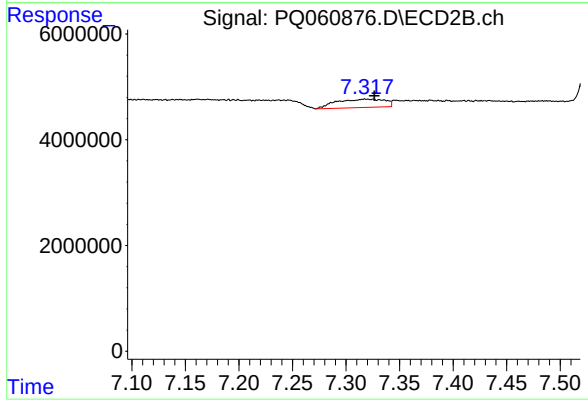
R.T.: 7.064 min
Delta R.T.: 0.006 min
Response: 872342
Conc: 3.74 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.002 min
Response: 442138
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: -0.009 min
Response: 4940589
Conc: 2.83 ng/ml