

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020824\
 Data File : PQ065301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2024 07:08
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 19:43:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 18 00:09:27 2024
 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...	3.487	2.742	51693	52926	0.014	0.008 #
2) SA Decachlor...	8.813f	7.534	120237	1001382	0.039	0.138 #
Target Compounds						
3) L1 AR-1016-1	4.596	3.743	1122477	86658	9.303	0.347 #
4) L1 AR-1016-2	4.596	3.768	1122477	67038	6.523	0.195 #
5) L1 AR-1016-3	4.669	3.918	648330	209115	5.900	1.092 #
6) L1 AR-1016-4	4.771	3.970	699382	611429	7.629	3.801 #
7) L1 AR-1016-5	5.105f	4.168	536072	1213270	6.093	6.109
8) L2 AR-1221-1	3.671	2.945	58738	34776	1.307	0.366 #
9) L2 AR-1221-2	3.746	3.027	559171	74025	17.170	1.030 #
10) L2 AR-1221-3	3.810	3.101	77164	1742476	0.768	8.918 #
11) L3 AR-1232-1	3.841	3.101	761161	1742476	9.037	10.678
12) L3 AR-1232-2	4.322	3.768	174505	67038	3.712	0.396 #
13) L3 AR-1232-3	4.596	3.918	1122477	209115	13.045	2.268 #
14) L3 AR-1232-4	4.771	4.007	699382	3718153	16.106	47.231 #
15) L3 AR-1232-5	4.875	4.168	371784	1213270	12.364	13.504
16) L4 AR-1242-1	4.596	3.743	1122477	86658	11.055	0.406 #
17) L4 AR-1242-2	4.596	3.768	1122477	67038	7.580	0.231 #
18) L4 AR-1242-3	4.669	3.918	648330	209115	6.805	1.294 #
19) L4 AR-1242-4	4.771	4.007	699382	3718153	9.074	24.365 #
20) L4 AR-1242-5	5.508	4.499	6270820	611773	76.341	3.008 #
21) L5 AR-1248-1	4.596	3.743	1122477	86658	14.463	0.516 #
22) L5 AR-1248-2	4.875	3.970	371784	611429	3.596	2.609 #
23) L5 AR-1248-3	5.105f	4.007	536072	3718153	4.412	16.536 #
24) L5 AR-1248-4	5.474	4.168	9581866	1213270	67.240	4.353 #
25) L5 AR-1248-5	5.508	4.548	6270820	744997	44.514	2.604 #
26) L6 AR-1254-1	5.426	4.499	2797066	611773	19.989	1.464 #
27) L6 AR-1254-2	5.659	4.651	1014128	1395726	4.684	3.791
28) L6 AR-1254-3	6.035	5.034	2446299	2795090	10.782	4.776 #
29) L6 AR-1254-4	6.305	5.257	1258193	6378621	7.466	16.484 #
30) L6 AR-1254-5	6.702	5.669	1462467	338309	7.582	0.618 #
31) L7 AR-1260-1	6.207f	5.174	94297	2050445	0.535	5.095 #
32) L7 AR-1260-2	6.495f	5.355	4415924	641324	19.331	1.311 #
33) L7 AR-1260-3	6.843f	5.482	226746	366533	1.412	0.766 #
34) L7 AR-1260-4	7.033	5.967	175137	1227328	0.985	3.154 #
35) L7 AR-1260-5	7.351	6.201	146100	1458183	0.398	1.671 #
36) L8 AR-1262-1	6.702	5.663	1462467	370246	8.028	1.038 #
37) L8 AR-1262-2	7.351	5.950	146100	213635	0.304	0.404 #
38) L8 AR-1262-3	7.654f	6.455f	171074	9145721	0.566	19.703 #
39) L8 AR-1262-4	7.683	6.547	220598	4958957	0.943	5.808 #
40) L8 AR-1262-5	8.203	7.039	150689	778398	0.940	1.882 #
41) L9 AR-1268-1	7.654f	6.455f	171074	9145721	0.357	7.302 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020824\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 07:08
Operator : YP\AJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

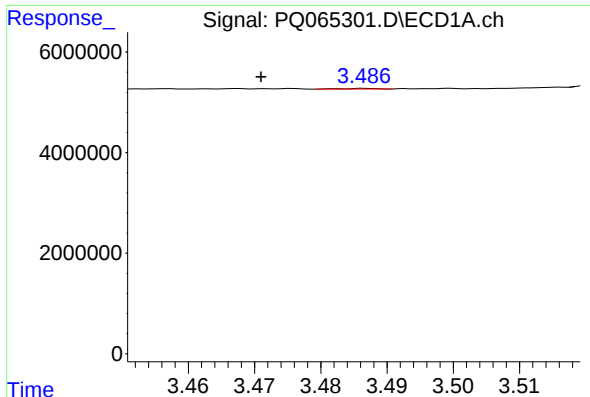
Instrument :
ECD_Q
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 19:43:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jan 18 00:09:27 2024
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	7.683	6.547	220598	4958957	0.506	4.323 #
43)	L9 AR-1268-3	7.863	6.754	67695	4997529	0.186	5.073 #
44)	L9 AR-1268-4	8.203	7.039	150689	778398	0.926	1.767 #
45)	L9 AR-1268-5	8.506	7.285	122050	1611489	0.107	0.545 #

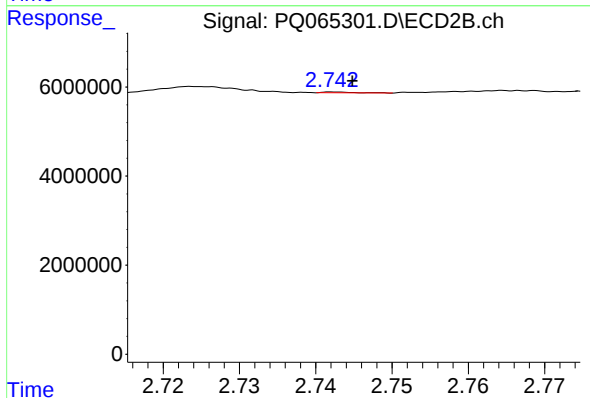
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

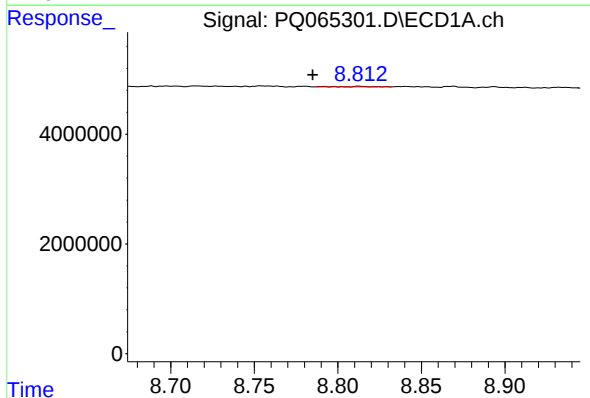
R.T.: 3.487 min
Delta R.T.: 0.016 min
Response: 51693
Conc: 0.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



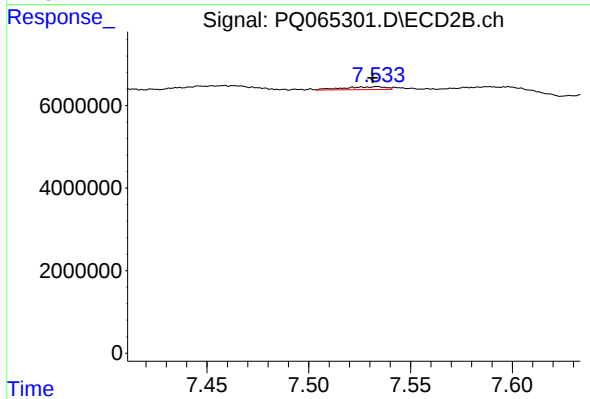
#1 Tetrachloro-m-xylene

R.T.: 2.742 min
Delta R.T.: -0.002 min
Response: 52926
Conc: 0.01 ng/ml



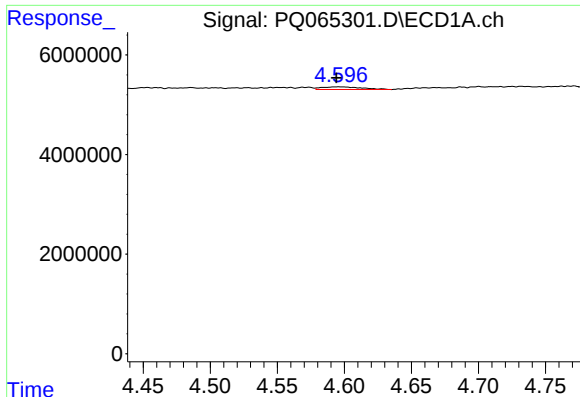
#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: 0.028 min
Response: 120237
Conc: 0.04 ng/ml



#2 Decachlorobiphenyl

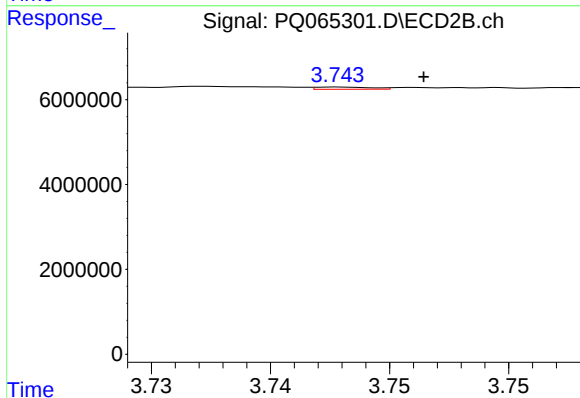
R.T.: 7.534 min
Delta R.T.: 0.002 min
Response: 1001382
Conc: 0.14 ng/ml



#3 AR-1016-1

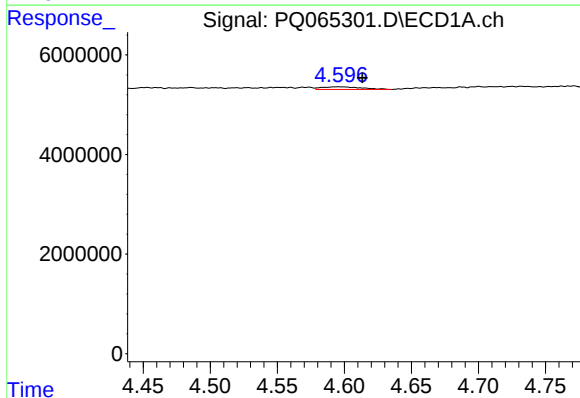
R.T.: 4.596 min
Delta R.T.: 0.001 min
Response: 1122477
Conc: 9.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



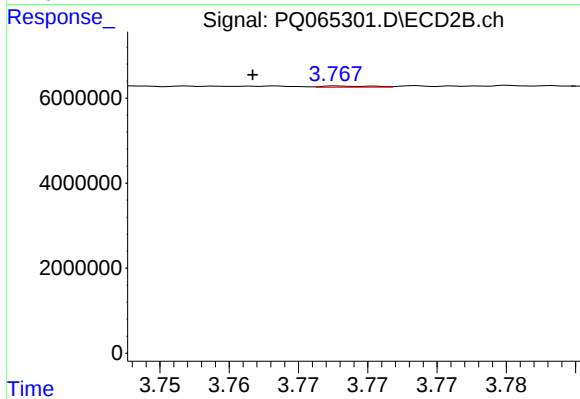
#3 AR-1016-1

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 86658
Conc: 0.35 ng/ml



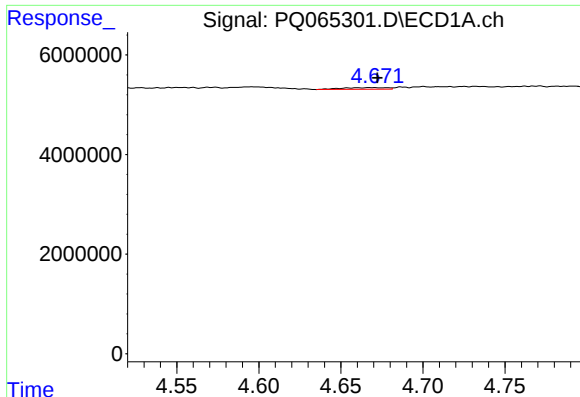
#4 AR-1016-2

R.T.: 4.596 min
Delta R.T.: -0.018 min
Response: 1122477
Conc: 6.52 ng/ml



#4 AR-1016-2

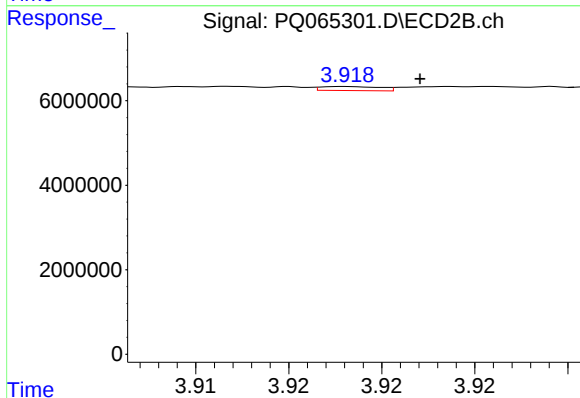
R.T.: 3.768 min
Delta R.T.: 0.006 min
Response: 67038
Conc: 0.19 ng/ml



#5 AR-1016-3

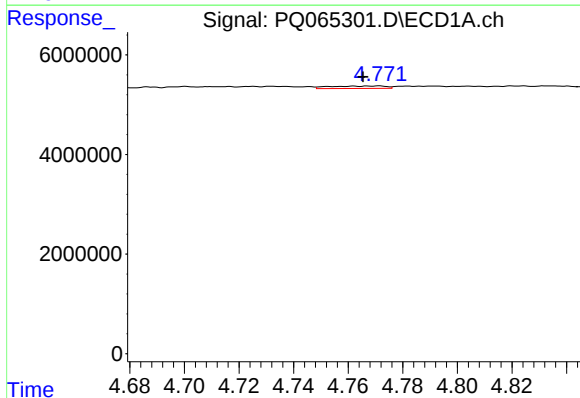
R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 648330
Conc: 5.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



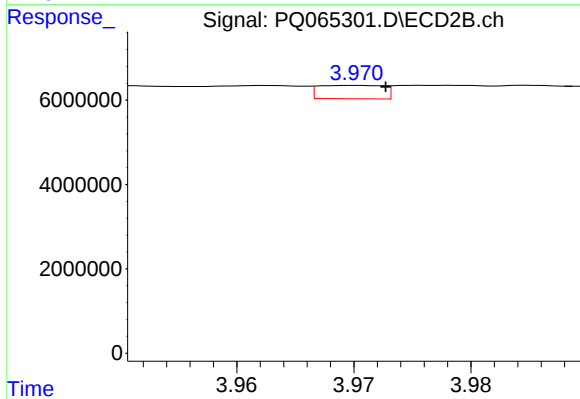
#5 AR-1016-3

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 209115
Conc: 1.09 ng/ml



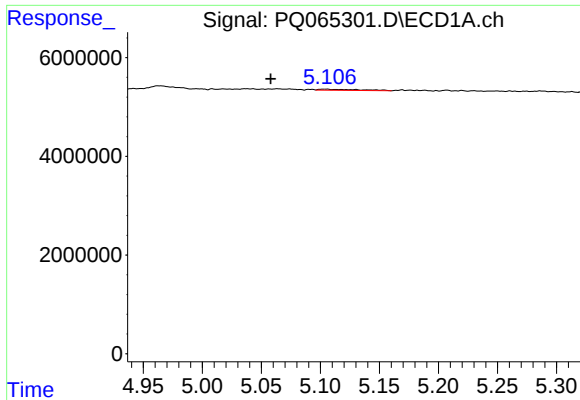
#6 AR-1016-4

R.T.: 4.771 min
Delta R.T.: 0.005 min
Response: 699382
Conc: 7.63 ng/ml



#6 AR-1016-4

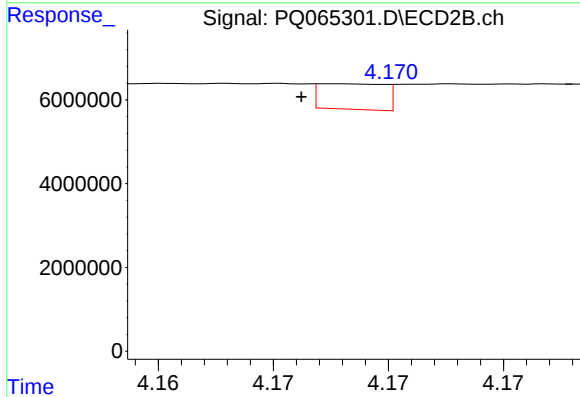
R.T.: 3.970 min
Delta R.T.: -0.001 min
Response: 611429
Conc: 3.80 ng/ml



#7 AR-1016-5

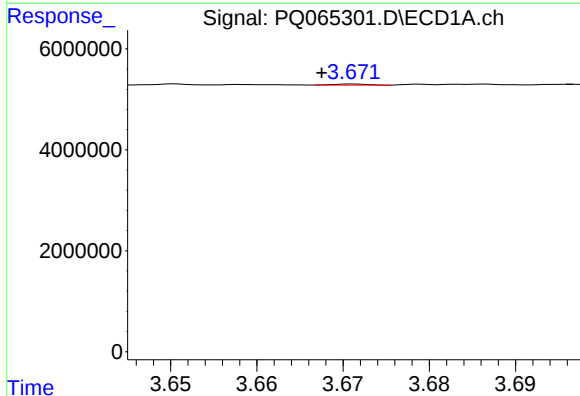
R.T.: 5.105 min
Delta R.T.: 0.047 min
Response: 536072
Conc: 6.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



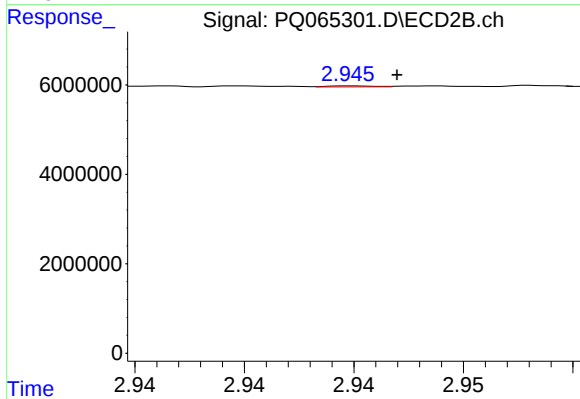
#7 AR-1016-5

R.T.: 4.168 min
Delta R.T.: 0.002 min
Response: 1213270
Conc: 6.11 ng/ml



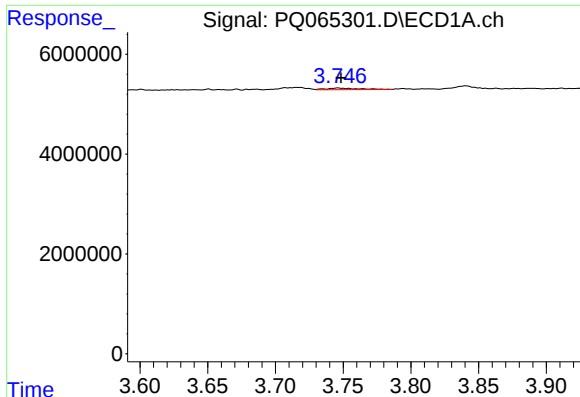
#8 AR-1221-1

R.T.: 3.671 min
Delta R.T.: 0.004 min
Response: 58738
Conc: 1.31 ng/ml



#8 AR-1221-1

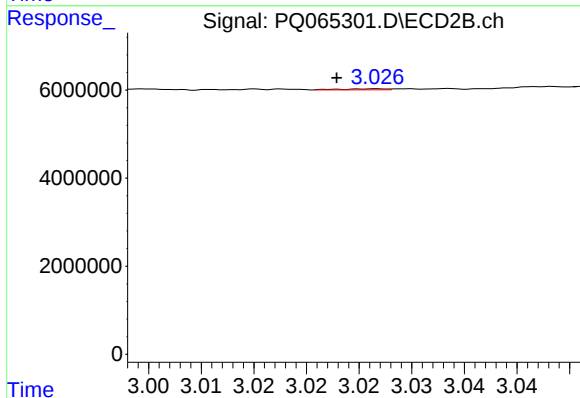
R.T.: 2.945 min
Delta R.T.: -0.002 min
Response: 34776
Conc: 0.37 ng/ml



#9 AR-1221-2

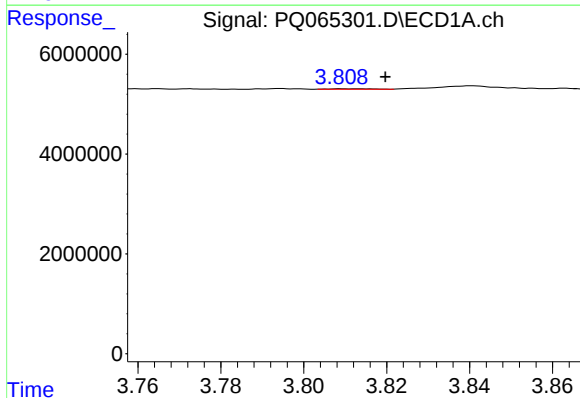
R.T.: 3.746 min
Delta R.T.: -0.002 min
Response: 559171
Conc: 17.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



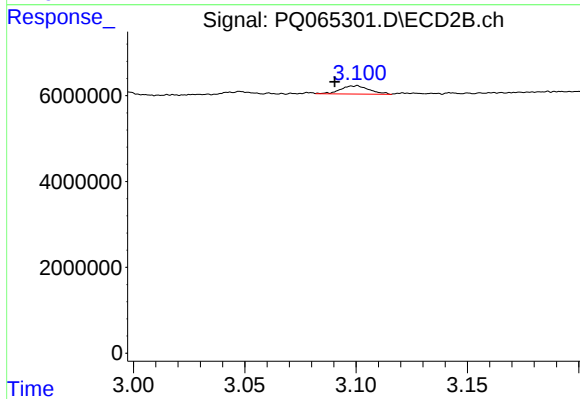
#9 AR-1221-2

R.T.: 3.027 min
Delta R.T.: 0.004 min
Response: 74025
Conc: 1.03 ng/ml



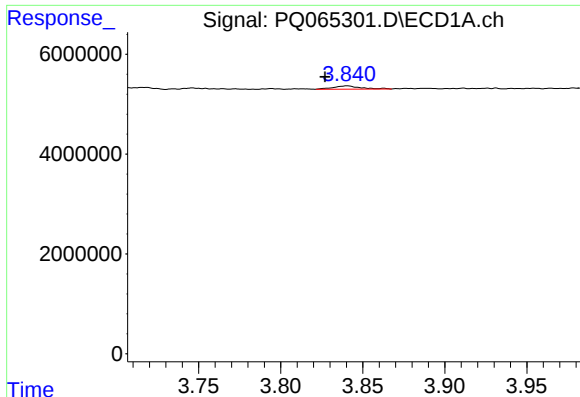
#10 AR-1221-3

R.T.: 3.810 min
Delta R.T.: -0.010 min
Response: 77164
Conc: 0.77 ng/ml



#10 AR-1221-3

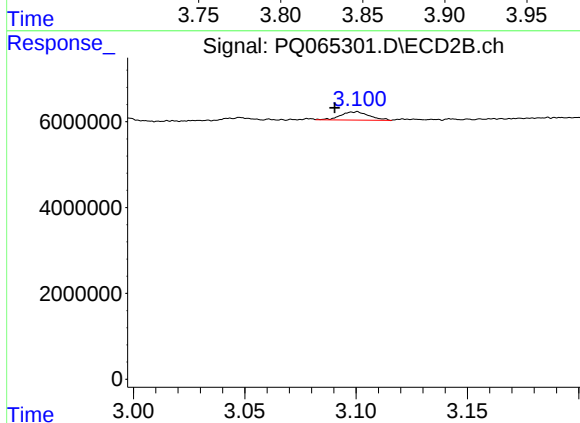
R.T.: 3.101 min
Delta R.T.: 0.010 min
Response: 1742476
Conc: 8.92 ng/ml



#11 AR-1232-1

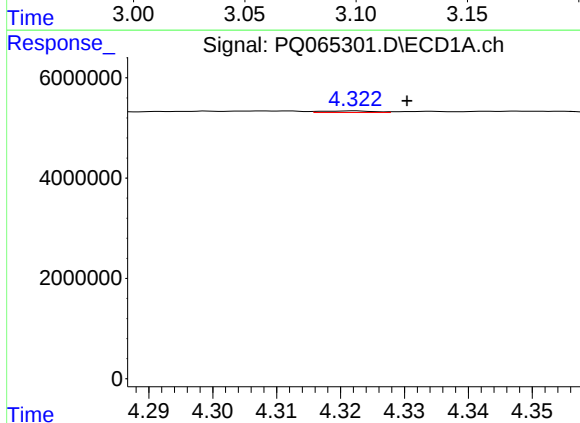
R.T.: 3.841 min
Delta R.T.: 0.013 min
Response: 761161
Conc: 9.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



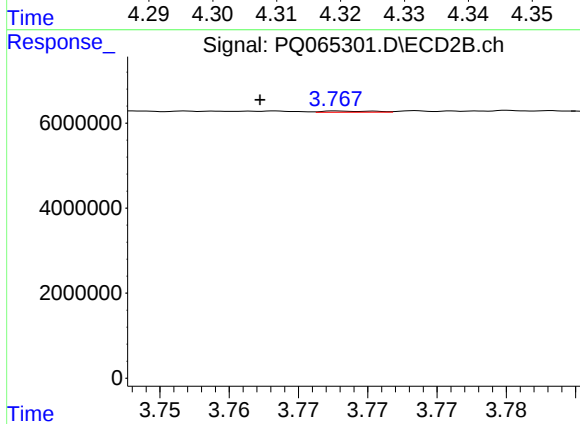
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: 0.010 min
Response: 1742476
Conc: 10.68 ng/ml



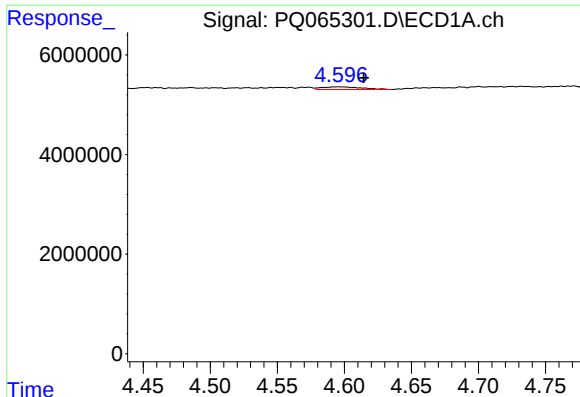
#12 AR-1232-2

R.T.: 4.322 min
Delta R.T.: -0.008 min
Response: 174505
Conc: 3.71 ng/ml



#12 AR-1232-2

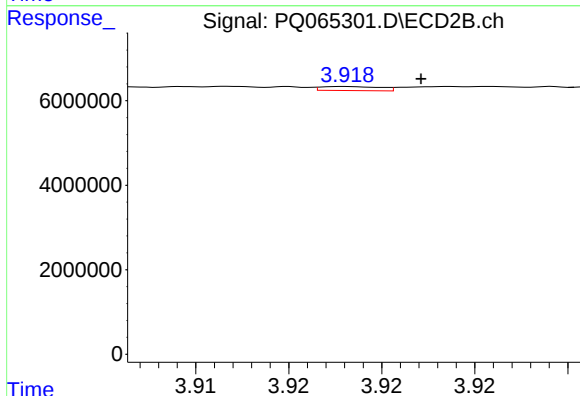
R.T.: 3.768 min
Delta R.T.: 0.006 min
Response: 67038
Conc: 0.40 ng/ml



#13 AR-1232-3

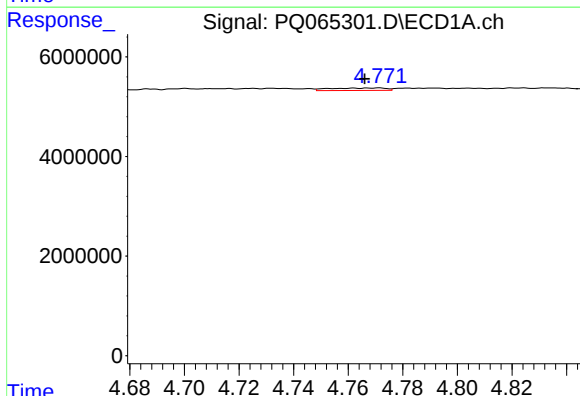
R.T.: 4.596 min
Delta R.T.: -0.019 min
Response: 1122477
Conc: 13.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



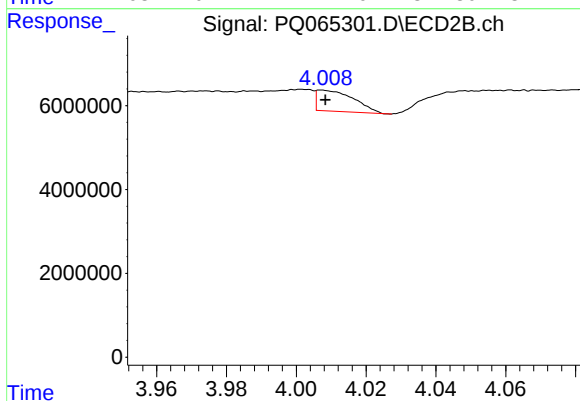
#13 AR-1232-3

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 209115
Conc: 2.27 ng/ml



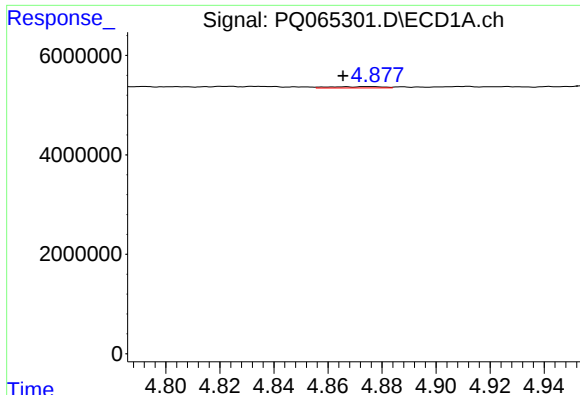
#14 AR-1232-4

R.T.: 4.771 min
Delta R.T.: 0.005 min
Response: 699382
Conc: 16.11 ng/ml



#14 AR-1232-4

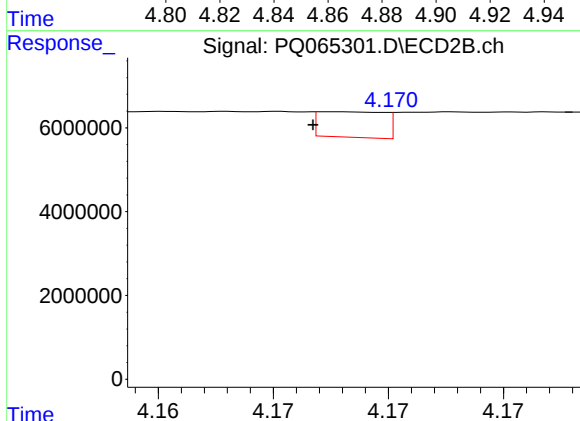
R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 3718153
Conc: 47.23 ng/ml



#15 AR-1232-5

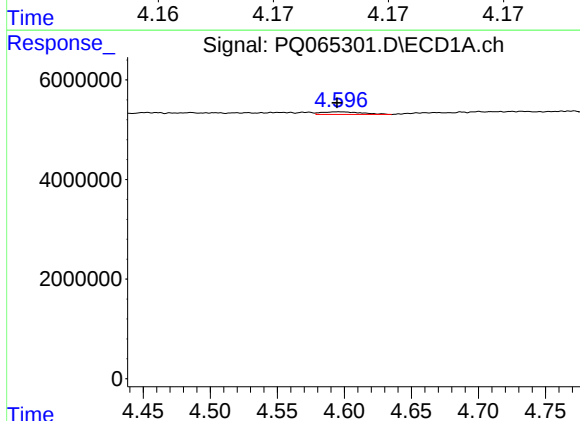
R.T.: 4.875 min
Delta R.T.: 0.010 min
Response: 371784
Conc: 12.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



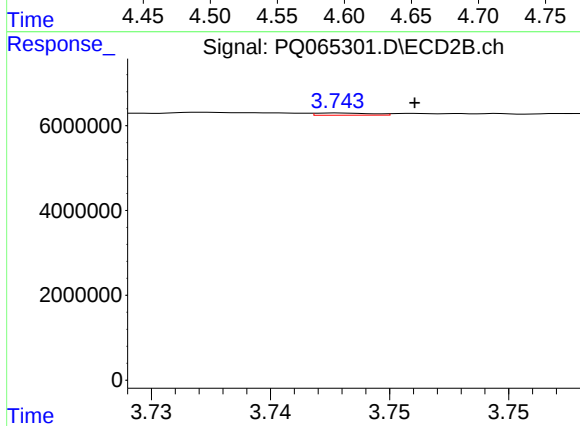
#15 AR-1232-5

R.T.: 4.168 min
Delta R.T.: 0.001 min
Response: 1213270
Conc: 13.50 ng/ml



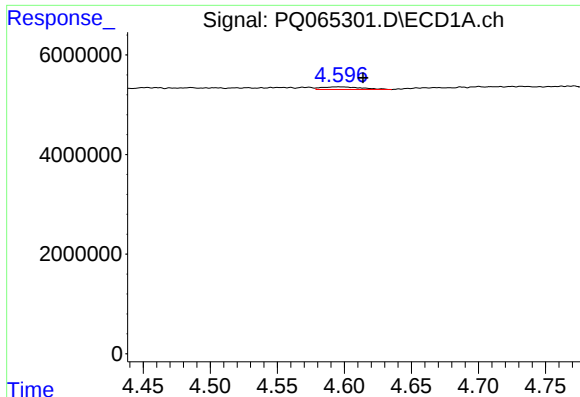
#16 AR-1242-1

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 1122477
Conc: 11.05 ng/ml



#16 AR-1242-1

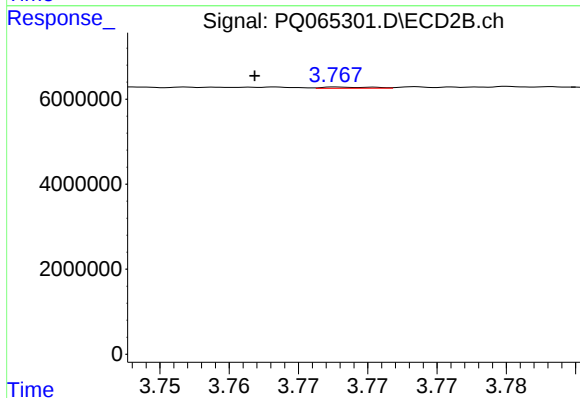
R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 86658
Conc: 0.41 ng/ml



#17 AR-1242-2

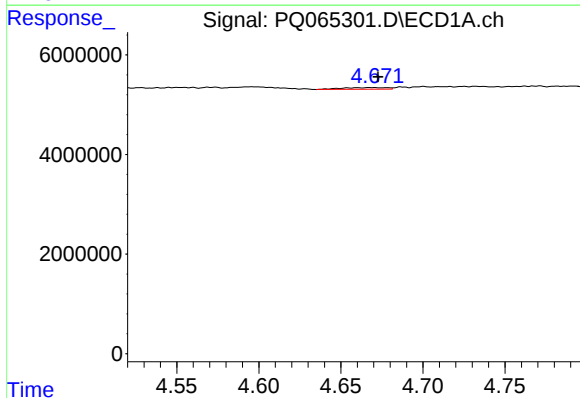
R.T.: 4.596 min
Delta R.T.: -0.018 min
Response: 1122477
Conc: 7.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



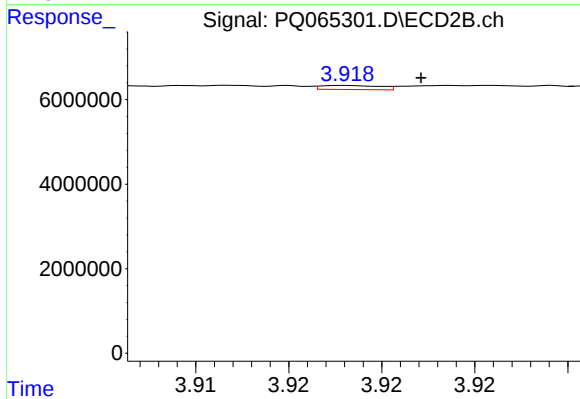
#17 AR-1242-2

R.T.: 3.768 min
Delta R.T.: 0.006 min
Response: 67038
Conc: 0.23 ng/ml



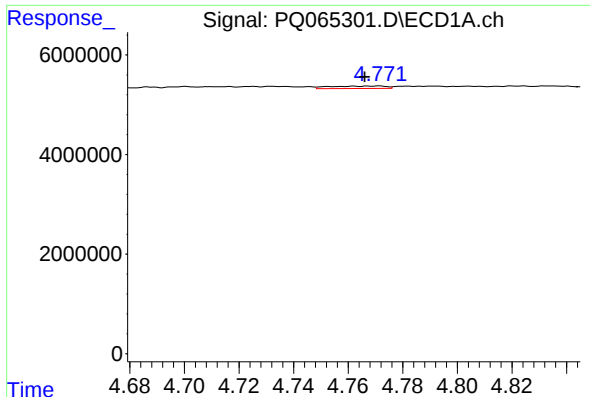
#18 AR-1242-3

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 648330
Conc: 6.80 ng/ml



#18 AR-1242-3

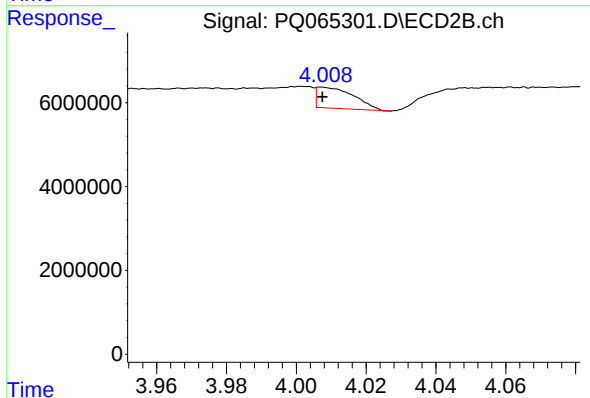
R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 209115
Conc: 1.29 ng/ml



#19 AR-1242-4

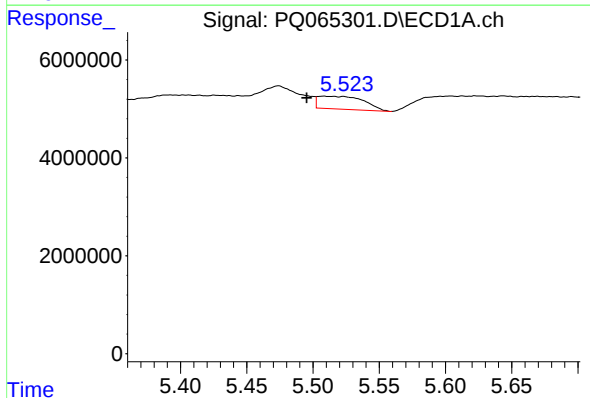
R.T.: 4.771 min
Delta R.T.: 0.005 min
Response: 699382
Conc: 9.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



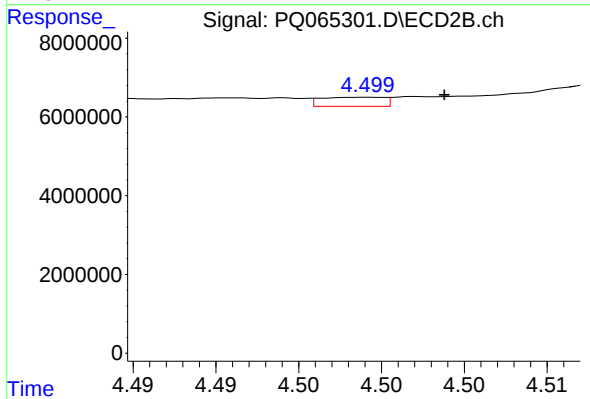
#19 AR-1242-4

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 3718153
Conc: 24.36 ng/ml



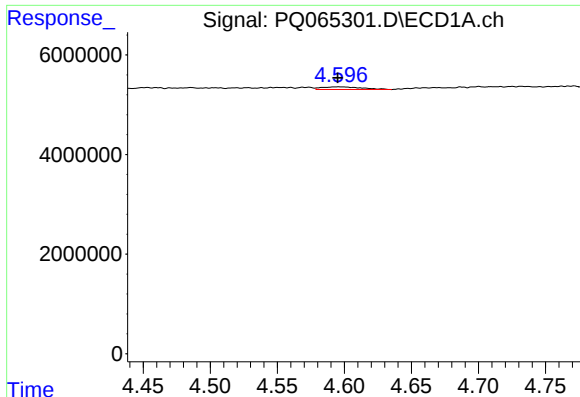
#20 AR-1242-5

R.T.: 5.508 min
Delta R.T.: 0.013 min
Response: 6270820
Conc: 76.34 ng/ml



#20 AR-1242-5

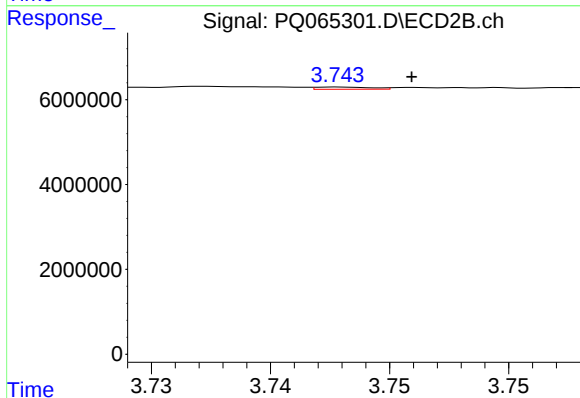
R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 611773
Conc: 3.01 ng/ml



#21 AR-1248-1

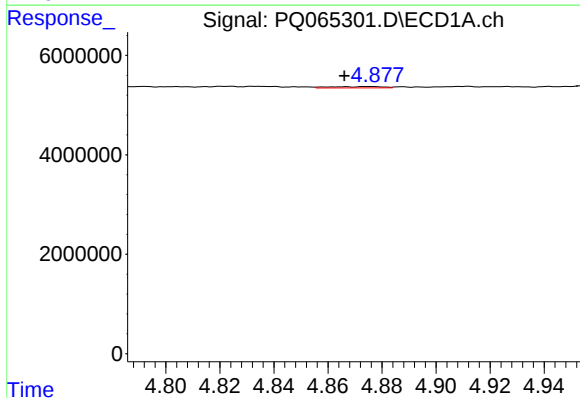
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 1122477
Conc: 14.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



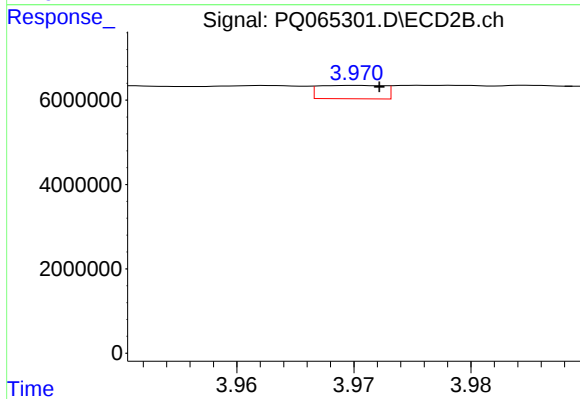
#21 AR-1248-1

R.T.: 3.743 min
Delta R.T.: -0.003 min
Response: 86658
Conc: 0.52 ng/ml



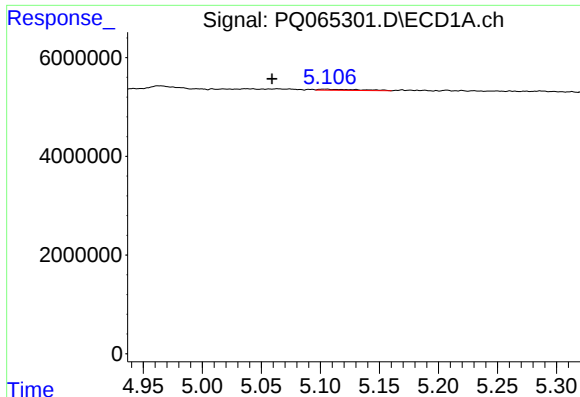
#22 AR-1248-2

R.T.: 4.875 min
Delta R.T.: 0.009 min
Response: 371784
Conc: 3.60 ng/ml



#22 AR-1248-2

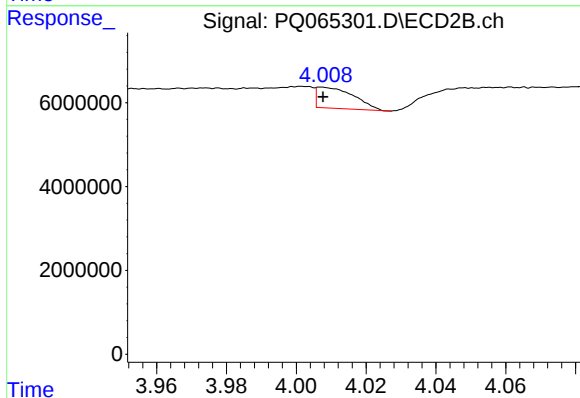
R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 611429
Conc: 2.61 ng/ml



#23 AR-1248-3

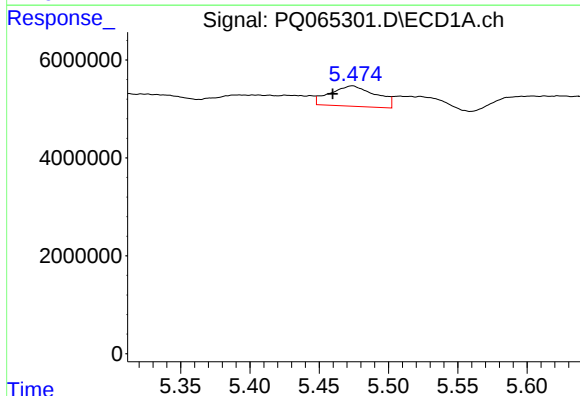
R.T.: 5.105 min
Delta R.T.: 0.046 min
Response: 536072
Conc: 4.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



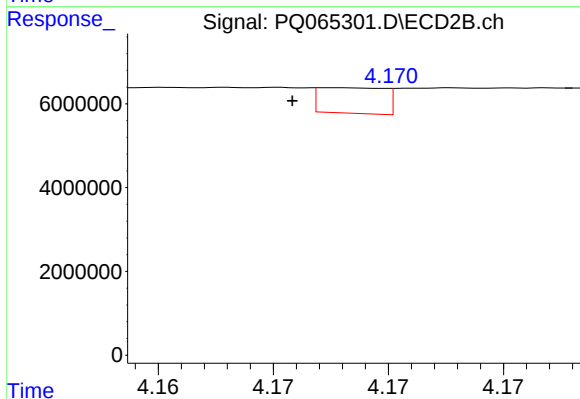
#23 AR-1248-3

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 3718153
Conc: 16.54 ng/ml



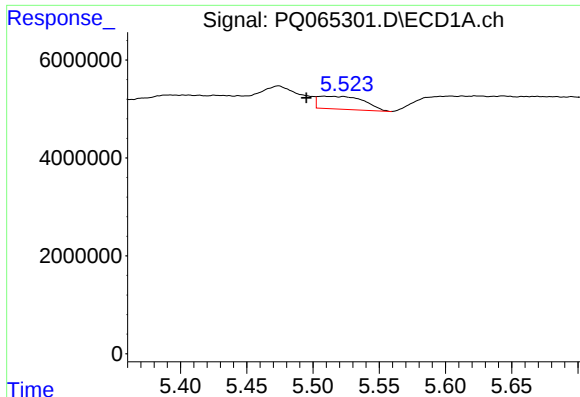
#24 AR-1248-4

R.T.: 5.474 min
Delta R.T.: 0.014 min
Response: 9581866
Conc: 67.24 ng/ml



#24 AR-1248-4

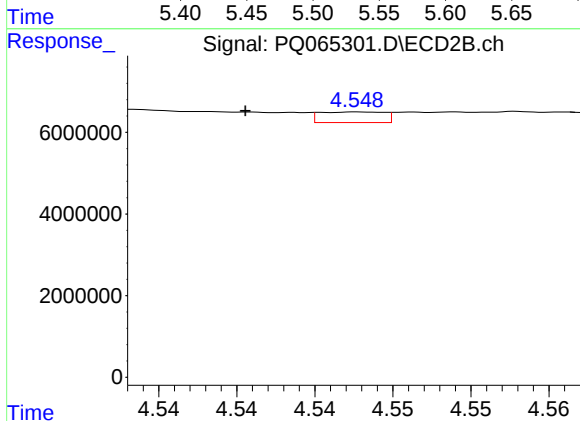
R.T.: 4.168 min
Delta R.T.: 0.002 min
Response: 1213270
Conc: 4.35 ng/ml



#25 AR-1248-5

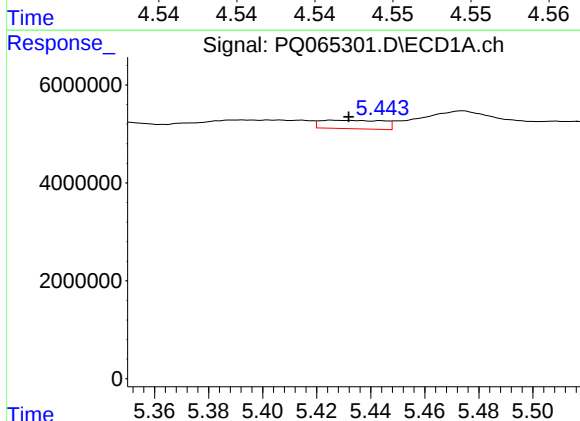
R.T.: 5.508 min
Delta R.T.: 0.013 min
Response: 6270820
Conc: 44.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



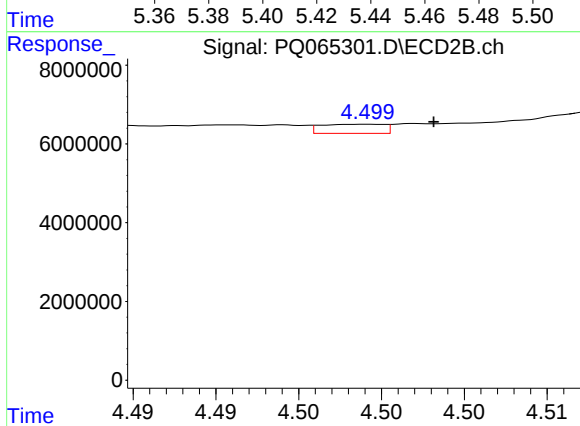
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: 0.008 min
Response: 744997
Conc: 2.60 ng/ml



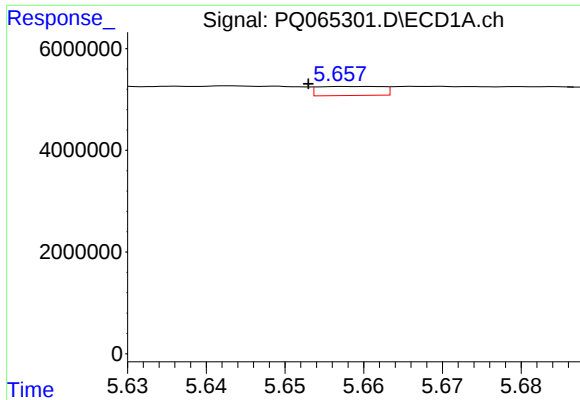
#26 AR-1254-1

R.T.: 5.426 min
Delta R.T.: -0.006 min
Response: 2797066
Conc: 19.99 ng/ml



#26 AR-1254-1

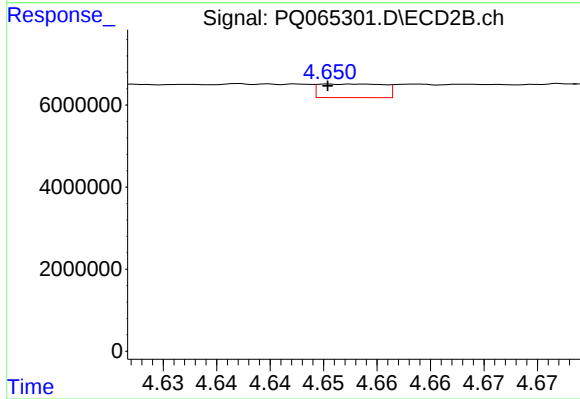
R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 611773
Conc: 1.46 ng/ml



#27 AR-1254-2

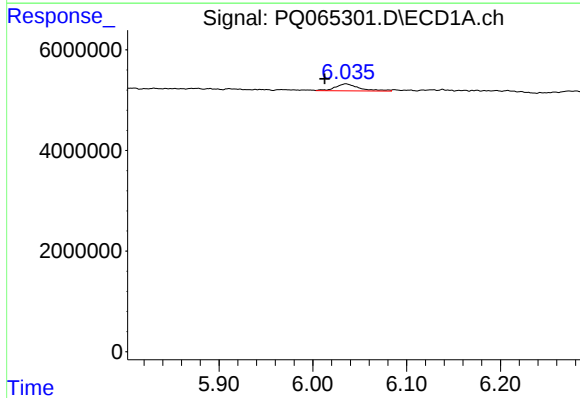
R.T.: 5.659 min
Delta R.T.: 0.006 min
Response: 1014128
Conc: 4.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



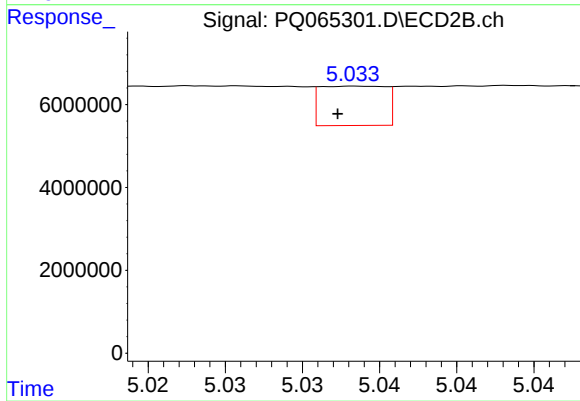
#27 AR-1254-2

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 1395726
Conc: 3.79 ng/ml



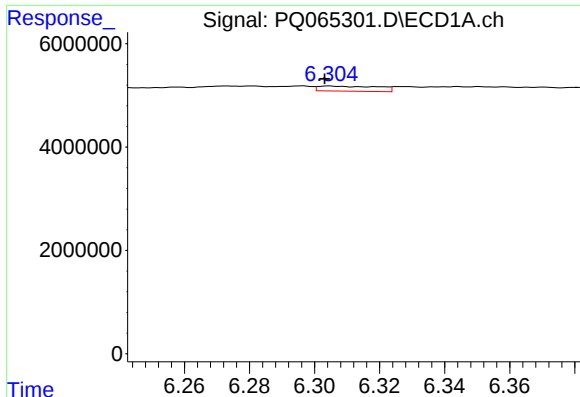
#28 AR-1254-3

R.T.: 6.035 min
Delta R.T.: 0.023 min
Response: 2446299
Conc: 10.78 ng/ml



#28 AR-1254-3

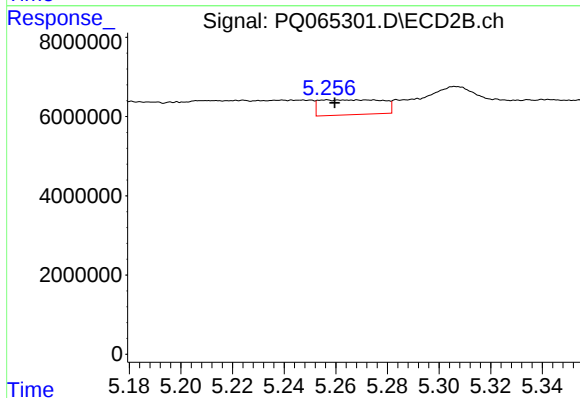
R.T.: 5.034 min
Delta R.T.: 0.001 min
Response: 2795090
Conc: 4.78 ng/ml



#29 AR-1254-4

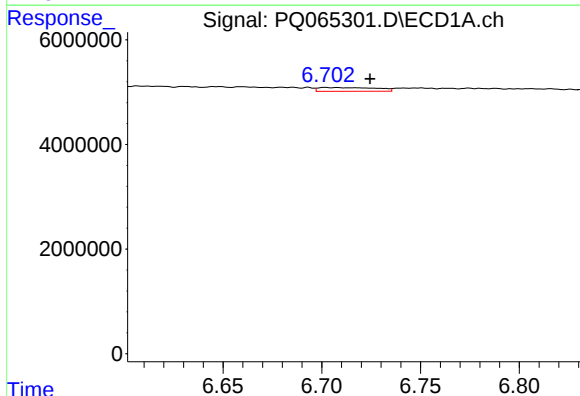
R.T.: 6.305 min
Delta R.T.: 0.001 min
Response: 1258193
Conc: 7.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



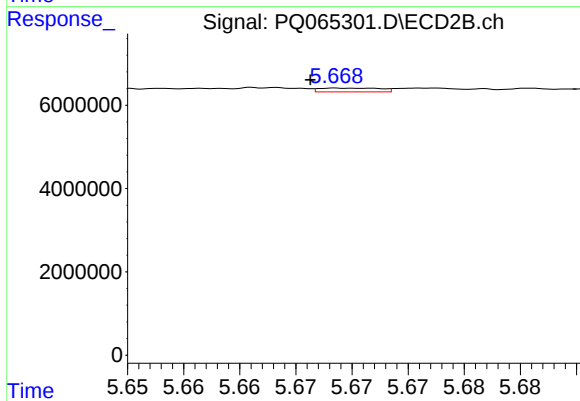
#29 AR-1254-4

R.T.: 5.257 min
Delta R.T.: -0.003 min
Response: 6378621
Conc: 16.48 ng/ml



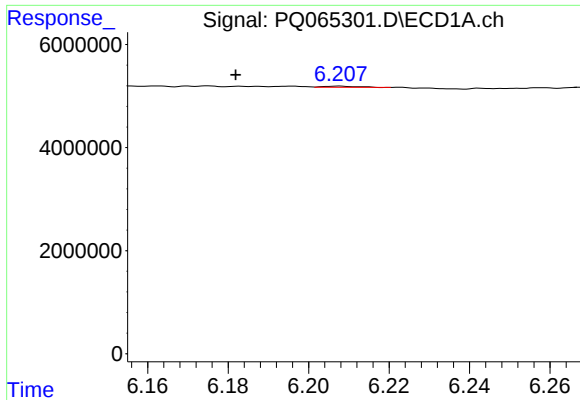
#30 AR-1254-5

R.T.: 6.702 min
Delta R.T.: -0.023 min
Response: 1462467
Conc: 7.58 ng/ml



#30 AR-1254-5

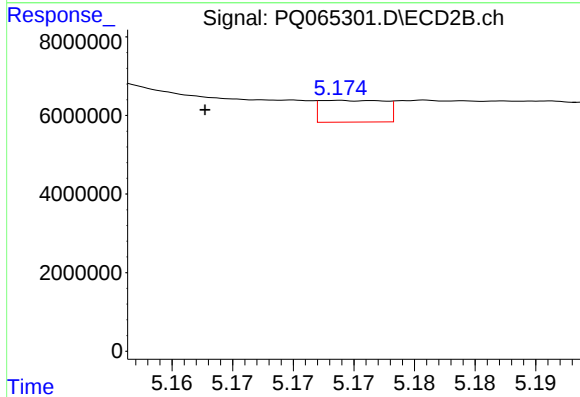
R.T.: 5.669 min
Delta R.T.: 0.003 min
Response: 338309
Conc: 0.62 ng/ml



#31 AR-1260-1

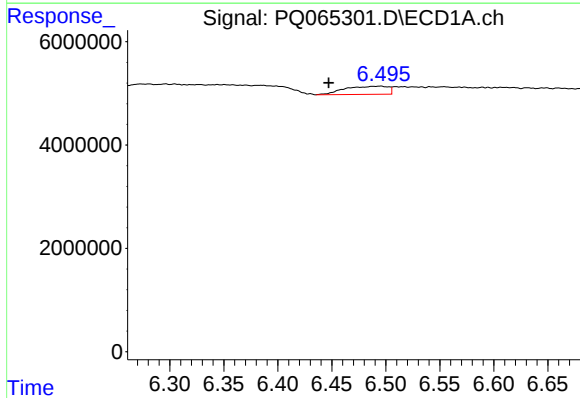
R.T.: 6.207 min
Delta R.T.: 0.025 min
Response: 94297
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



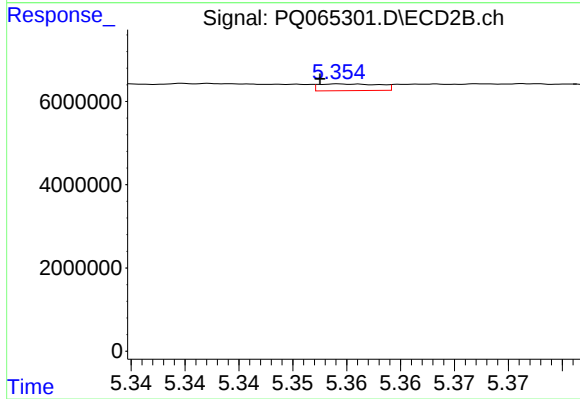
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: 0.011 min
Response: 2050445
Conc: 5.09 ng/ml



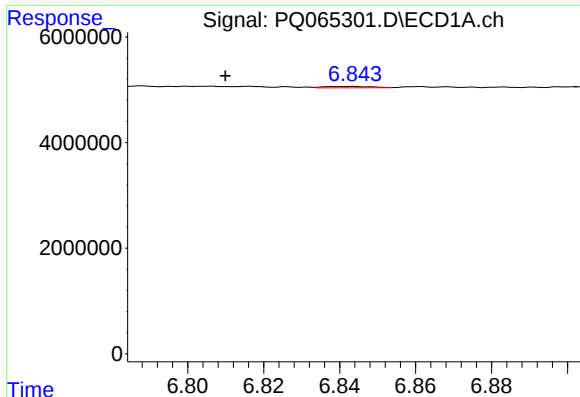
#32 AR-1260-2

R.T.: 6.495 min
Delta R.T.: 0.048 min
Response: 4415924
Conc: 19.33 ng/ml



#32 AR-1260-2

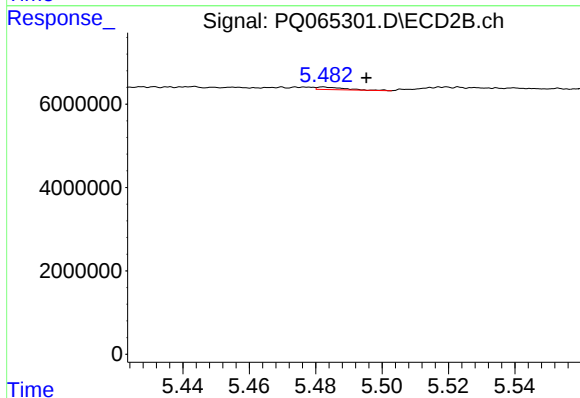
R.T.: 5.355 min
Delta R.T.: 0.002 min
Response: 641324
Conc: 1.31 ng/ml



#33 AR-1260-3

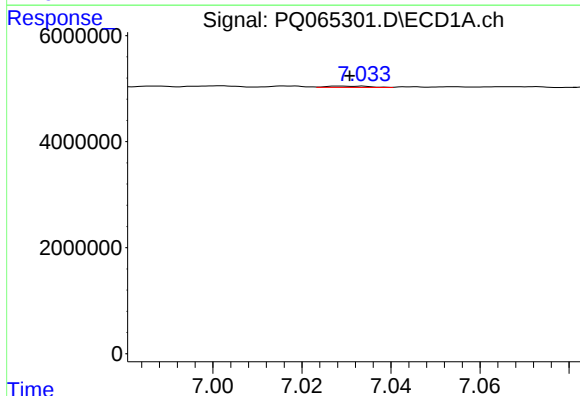
R.T.: 6.843 min
Delta R.T.: 0.033 min
Response: 226746
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



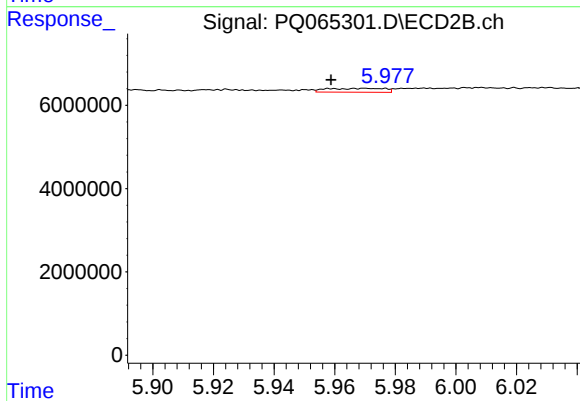
#33 AR-1260-3

R.T.: 5.482 min
Delta R.T.: -0.013 min
Response: 366533
Conc: 0.77 ng/ml



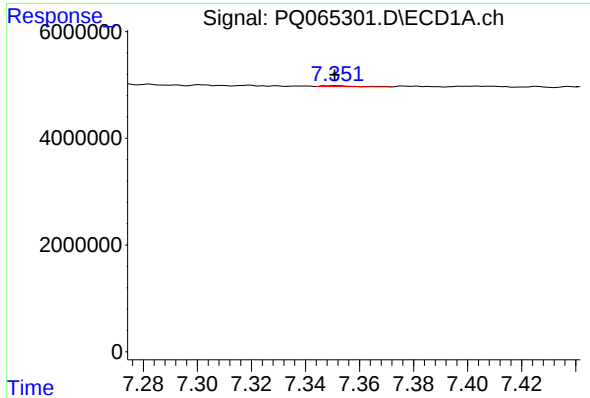
#34 AR-1260-4

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 175137
Conc: 0.98 ng/ml



#34 AR-1260-4

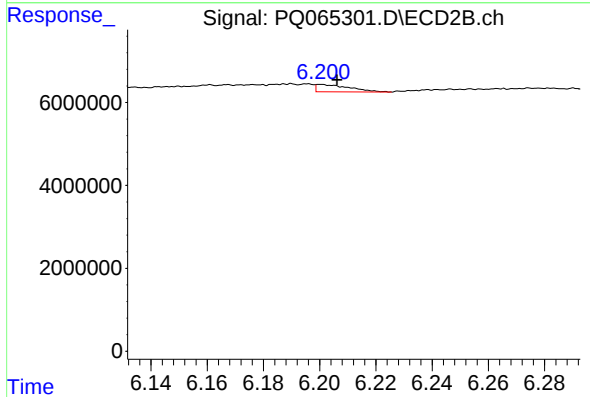
R.T.: 5.967 min
Delta R.T.: 0.008 min
Response: 1227328
Conc: 3.15 ng/ml



#35 AR-1260-5

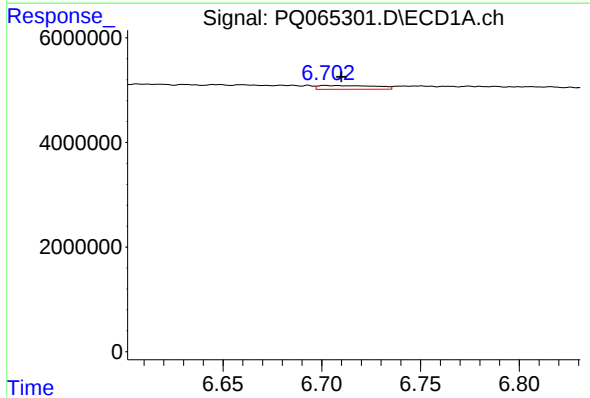
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 146100
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



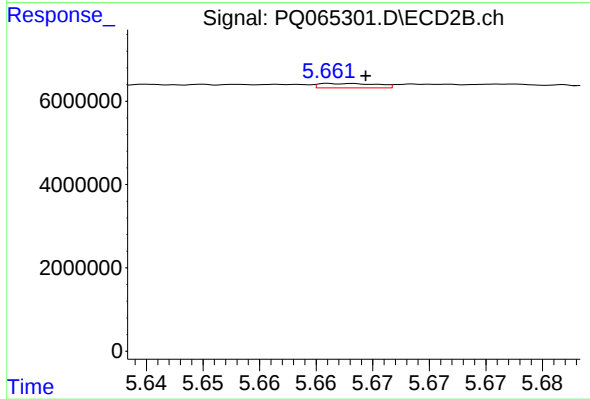
#35 AR-1260-5

R.T.: 6.201 min
Delta R.T.: -0.006 min
Response: 1458183
Conc: 1.67 ng/ml



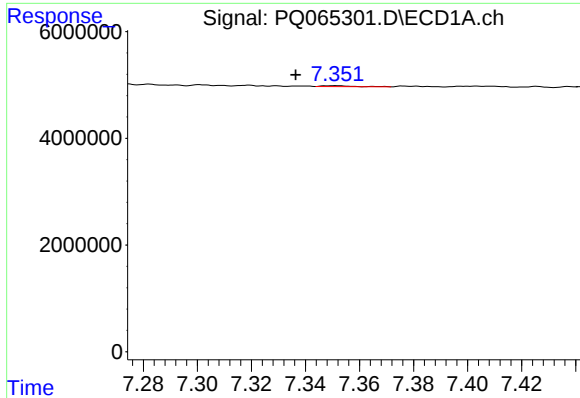
#36 AR-1262-1

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 1462467
Conc: 8.03 ng/ml



#36 AR-1262-1

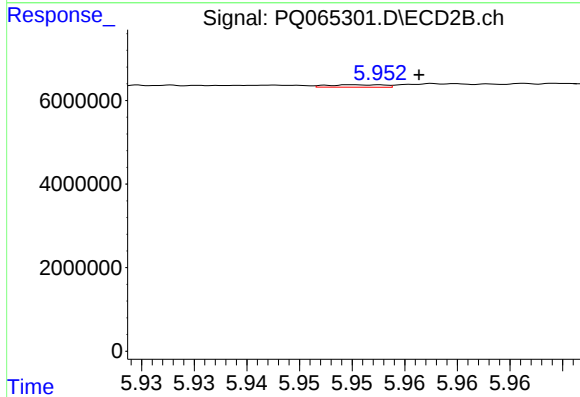
R.T.: 5.663 min
Delta R.T.: -0.001 min
Response: 370246
Conc: 1.04 ng/ml



#37 AR-1262-2

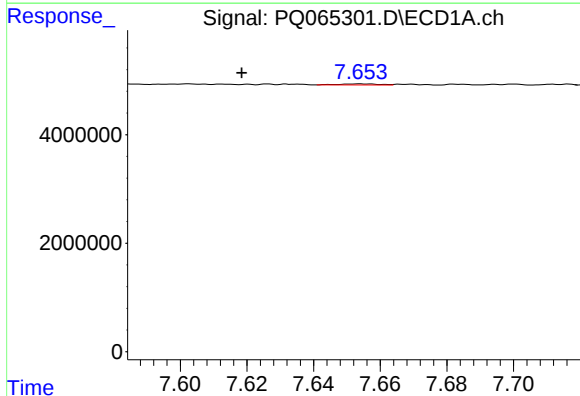
R.T.: 7.351 min
Delta R.T.: 0.015 min
Response: 146100
Conc: 0.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



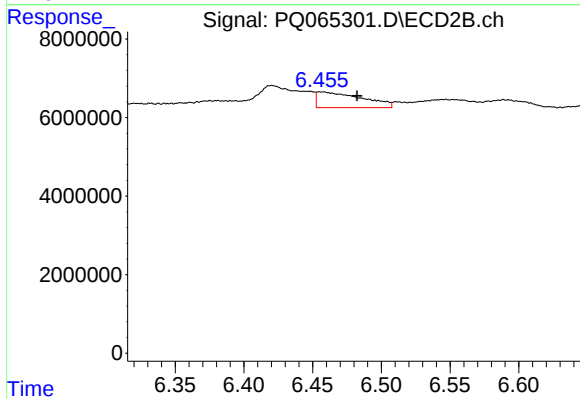
#37 AR-1262-2

R.T.: 5.950 min
Delta R.T.: -0.006 min
Response: 213635
Conc: 0.40 ng/ml



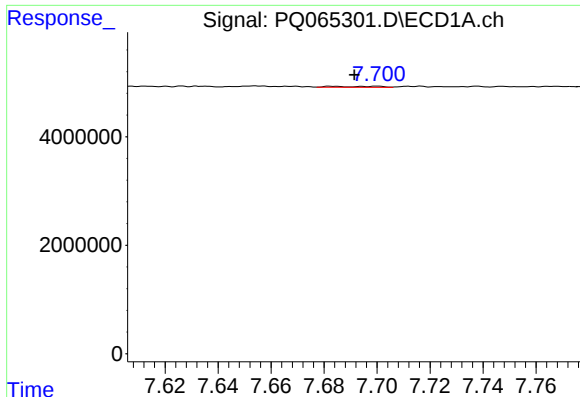
#38 AR-1262-3

R.T.: 7.654 min
Delta R.T.: 0.035 min
Response: 171074
Conc: 0.57 ng/ml



#38 AR-1262-3

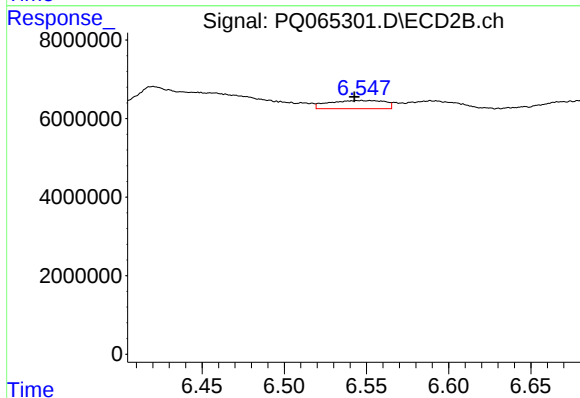
R.T.: 6.455 min
Delta R.T.: -0.027 min
Response: 9145721
Conc: 19.70 ng/ml



#39 AR-1262-4

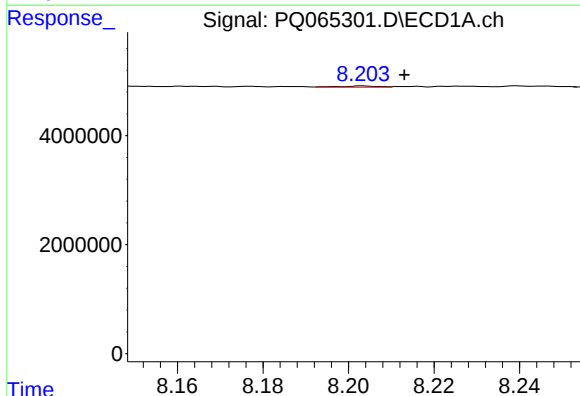
R.T.: 7.683 min
Delta R.T.: -0.009 min
Response: 220598
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



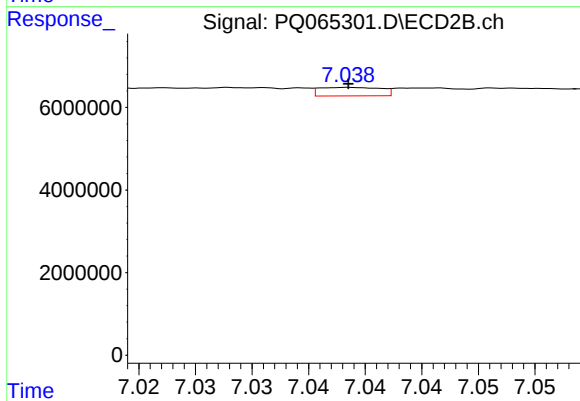
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: 0.005 min
Response: 4958957
Conc: 5.81 ng/ml



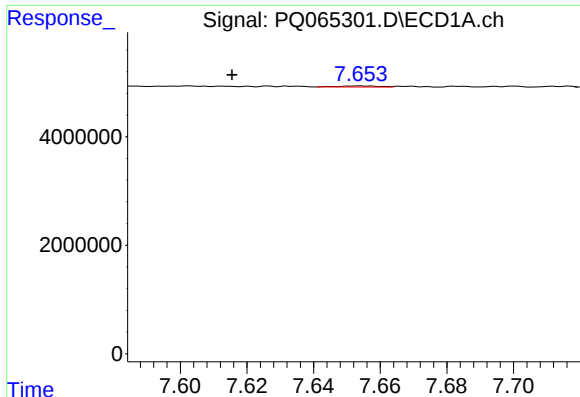
#40 AR-1262-5

R.T.: 8.203 min
Delta R.T.: -0.010 min
Response: 150689
Conc: 0.94 ng/ml



#40 AR-1262-5

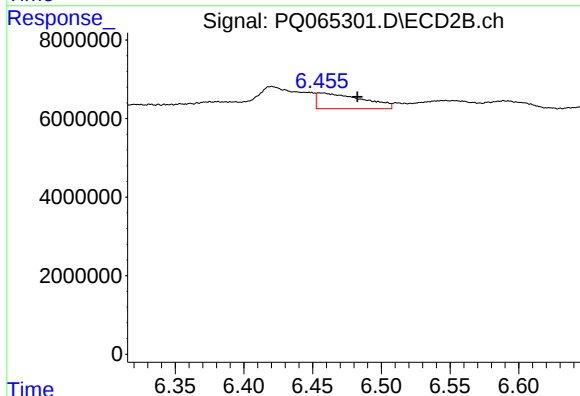
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 778398
Conc: 1.88 ng/ml



#41 AR-1268-1

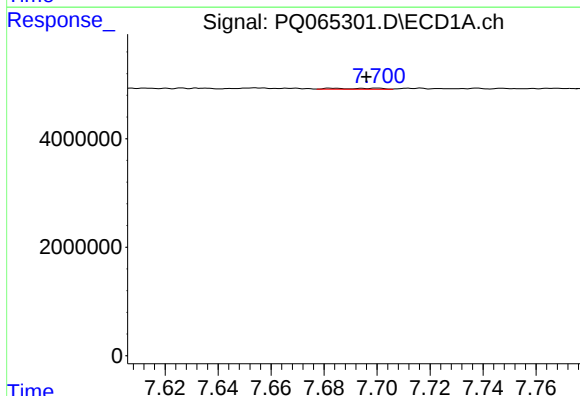
R.T.: 7.654 min
Delta R.T.: 0.038 min
Response: 171074
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



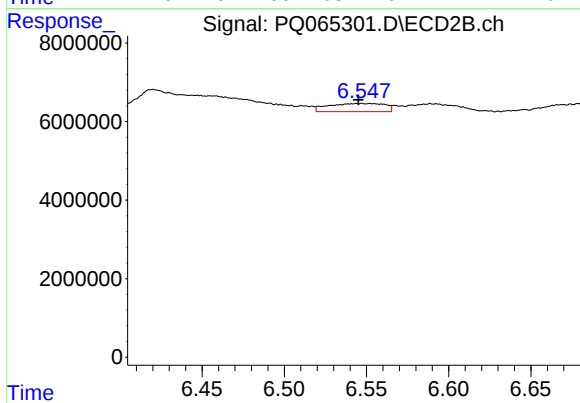
#41 AR-1268-1

R.T.: 6.455 min
Delta R.T.: -0.028 min
Response: 9145721
Conc: 7.30 ng/ml



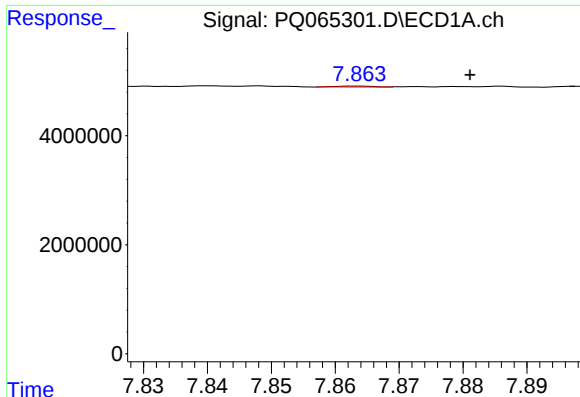
#42 AR-1268-2

R.T.: 7.683 min
Delta R.T.: -0.013 min
Response: 220598
Conc: 0.51 ng/ml



#42 AR-1268-2

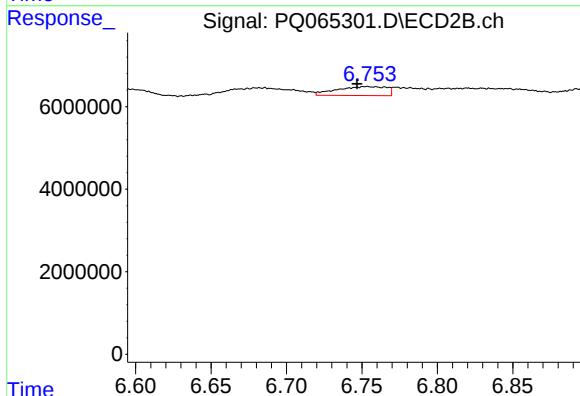
R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 4958957
Conc: 4.32 ng/ml



#43 AR-1268-3

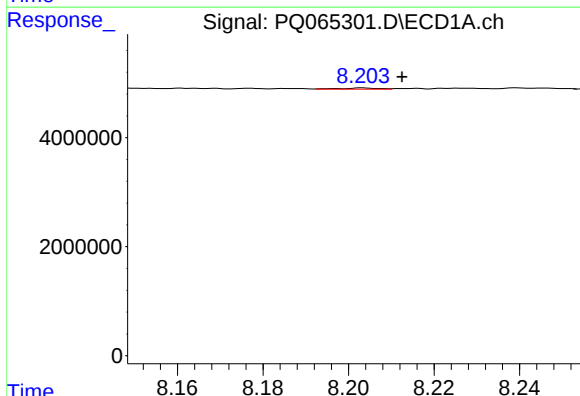
R.T.: 7.863 min
Delta R.T.: -0.018 min
Response: 67695
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



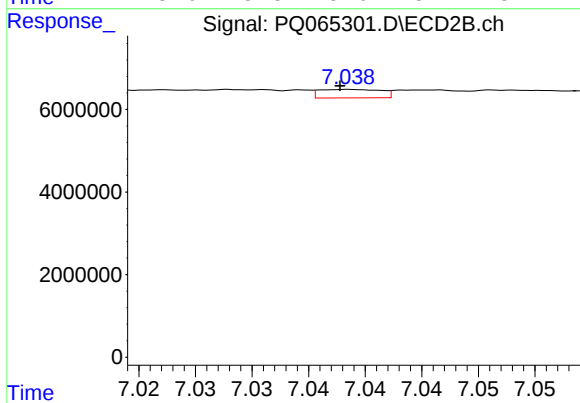
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: 0.007 min
Response: 4997529
Conc: 5.07 ng/ml



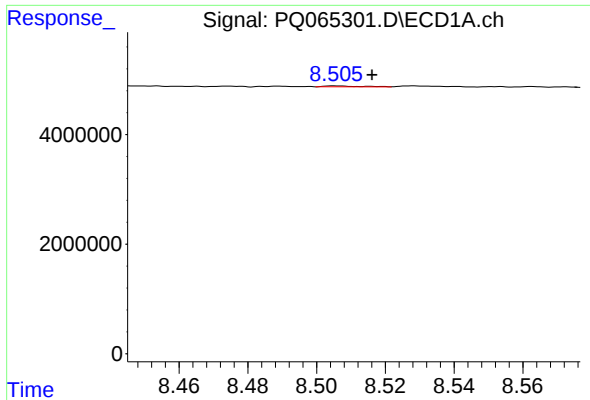
#44 AR-1268-4

R.T.: 8.203 min
Delta R.T.: -0.009 min
Response: 150689
Conc: 0.93 ng/ml



#44 AR-1268-4

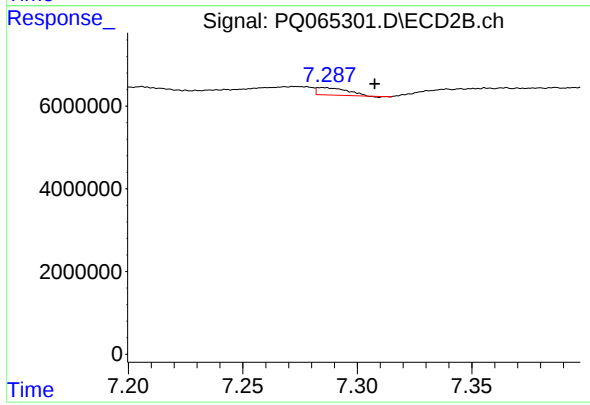
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 778398
Conc: 1.77 ng/ml



#45 AR-1268-5

R.T.: 8.506 min
Delta R.T.: -0.010 min
Response: 122050
Conc: 0.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 7.285 min
Delta R.T.: -0.023 min
Response: 1611489
Conc: 0.55 ng/ml