

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 10:57
 Operator : YP\AJ
 Sample : 04624-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 22:18:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 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...	3.461	2.781	87814511	69428488	16.737	17.180
2)	SA Decachlor...	8.697	7.581	55492755	52874200	15.019	14.300
Target Compounds							
3)	L1 AR-1016-1	4.596	3.806	1974775	1003329	11.956	7.548 #
4)	L1 AR-1016-2	4.596	3.806	1974775	1003329	7.838	5.230 #
5)	L1 AR-1016-3	4.654	0.000	938058	0	5.987	N.D. #
6)	L1 AR-1016-4	4.713f	0.000	116130	0	0.906	N.D. #
7)	L1 AR-1016-5	5.038	0.000	345778	0	2.743	N.D. #
8)	L2 AR-1221-1	3.648	3.051f	581306	1033911	9.273	21.353 #
9)	L2 AR-1221-2	3.744	3.051	1419864	1033911	34.395	31.025
10)	L2 AR-1221-3	3.796	0.000	593226	0	4.325	N.D. #
11)	L3 AR-1232-1	3.796	0.000	593226	0	5.330	N.D. #
12)	L3 AR-1232-2	0.000	3.806	0	1003329	N.D.	11.538 #
13)	L3 AR-1232-3	4.596	0.000	1974775	0	17.335	N.D. #
14)	L3 AR-1232-4	4.713f	0.000	116130	0	2.009	N.D. #
16)	L4 AR-1242-1	4.596	3.806	1974775	1003329	14.181	8.907 #
17)	L4 AR-1242-2	4.596	3.806	1974775	1003329	9.212	6.179 #
18)	L4 AR-1242-3	4.654	0.000	938058	0	7.056	N.D. #
19)	L4 AR-1242-4	4.713	0.000	116130	0	1.065	N.D. #
20)	L4 AR-1242-5	5.469	4.553	903884	674269	7.793	6.329
21)	L5 AR-1248-1	4.596	3.806	1974775	1003329	18.503	11.591 #
23)	L5 AR-1248-3	5.038	0.000	345778	0	1.882	N.D. #
24)	L5 AR-1248-4	5.435	0.000	445280	0	2.191	N.D. #
25)	L5 AR-1248-5	5.469	4.553f	903884	674269	4.507	4.442
26)	L6 AR-1254-1	5.403	4.553	1530156	674269	7.647	3.056 #
27)	L6 AR-1254-2	5.623	0.000	688221	0	2.198	N.D. #
28)	L6 AR-1254-3	5.967	0.000	642811	0	1.981	N.D. #
29)	L6 AR-1254-4	6.257	5.308	1315657	2037890	5.595	10.454 #
30)	L6 AR-1254-5	6.703	5.718	5307934	653340	20.516	2.365 #
32)	L7 AR-1260-2	6.398	5.364f	4263885	390150	14.290	1.538 #
33)	L7 AR-1260-3	6.718f	0.000	6253198	0	28.601	N.D. #
34)	L7 AR-1260-4	7.002	6.010	10315552	5064010	41.948	24.991 #
35)	L7 AR-1260-5	7.298	6.257	1208671	7837116	2.537	16.895 #
36)	L8 AR-1262-1	6.718f	5.767	6253198	434696	18.937	1.509 #
37)	L8 AR-1262-2	7.298	6.257	1208671	7837116	2.218	15.125 #
38)	L8 AR-1262-3	7.515f	0.000	163759	0	0.453	N.D. #
40)	L8 AR-1262-5	8.163	7.124	1311711	7345059	7.088	39.468 #
41)	L9 AR-1268-1	7.515f	0.000	163759	0	0.260	N.D. #
43)	L9 AR-1268-3	7.880f	6.731f	123619	1396321	0.252	2.967 #
44)	L9 AR-1268-4	8.163	7.124	1311711	7345059	6.472	36.052 #
45)	L9 AR-1268-5	8.451	0.000	1911672	0	1.332	N.D. #

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Integration File signal 1: autoint1.e
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Quant Time: Oct 02 22:18:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 26 06:41:31 2023
Response via : Initial Calibration
Integrator: ChemStation

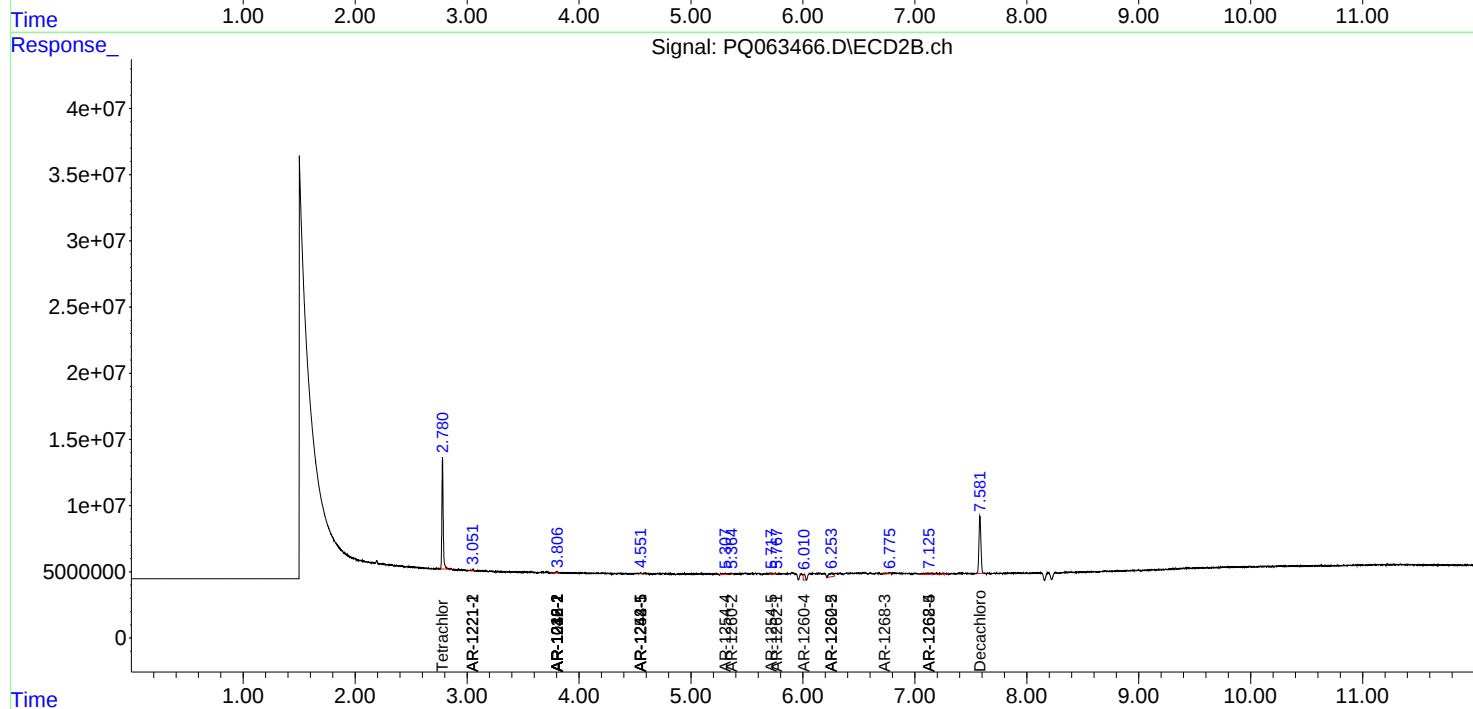
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

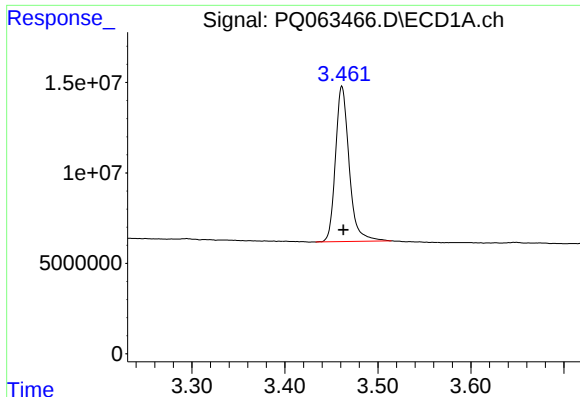
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :

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

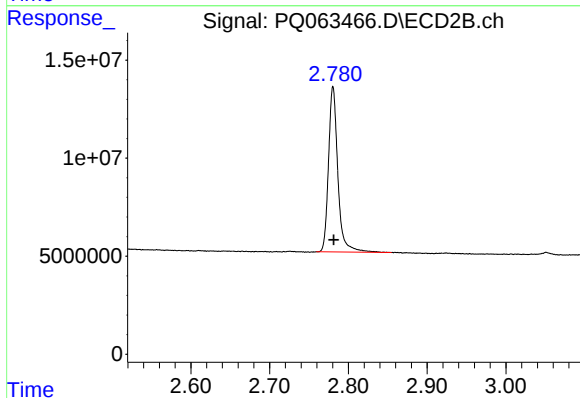




#1 Tetrachloro-m-xylene

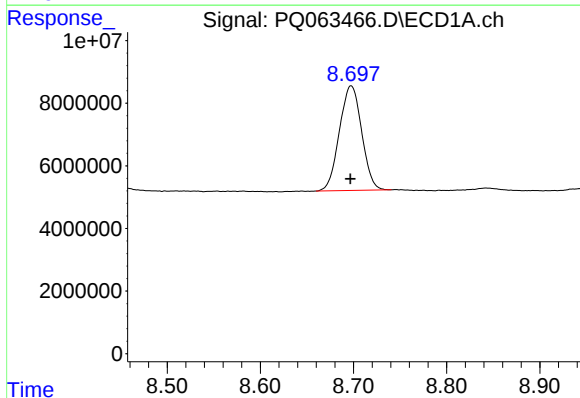
R.T.: 3.461 min
Delta R.T.: -0.002 min
Response: 87814511
Conc: 16.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



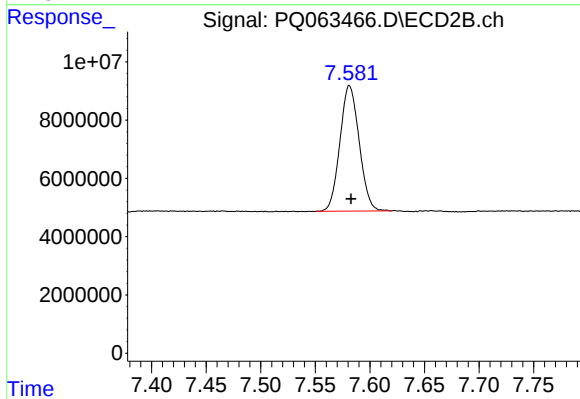
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 69428488
Conc: 17.18 ng/ml



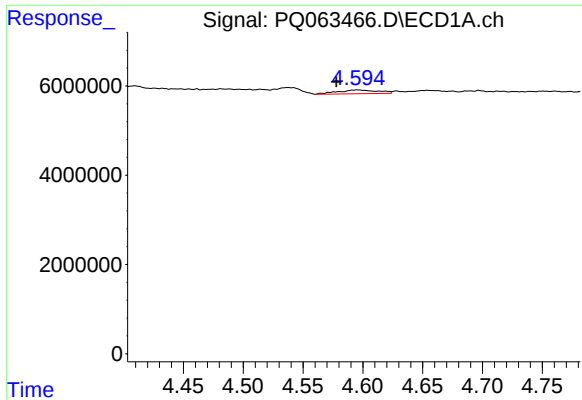
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 55492755
Conc: 15.02 ng/ml



#2 Decachlorobiphenyl

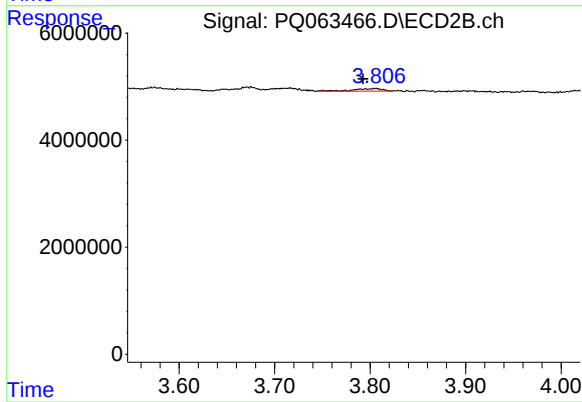
R.T.: 7.581 min
Delta R.T.: -0.001 min
Response: 52874200
Conc: 14.30 ng/ml



#3 AR-1016-1

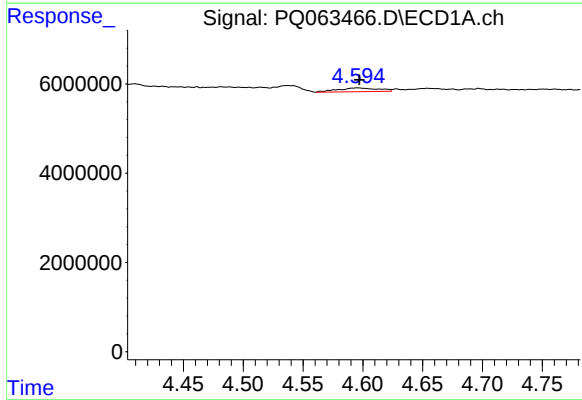
R.T.: 4.596 min
Delta R.T.: 0.018 min
Response: 1974775
Conc: 11.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



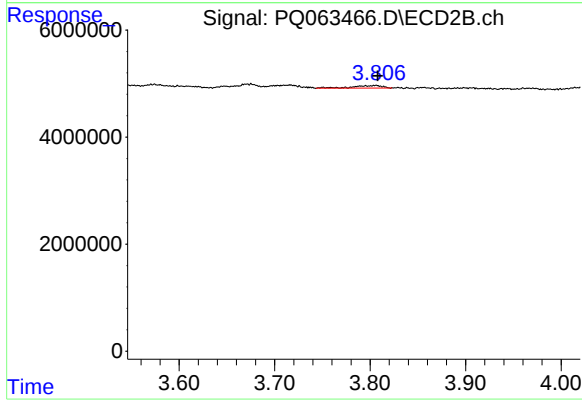
#3 AR-1016-1

R.T.: 3.806 min
Delta R.T.: 0.013 min
Response: 1003329
Conc: 7.55 ng/ml



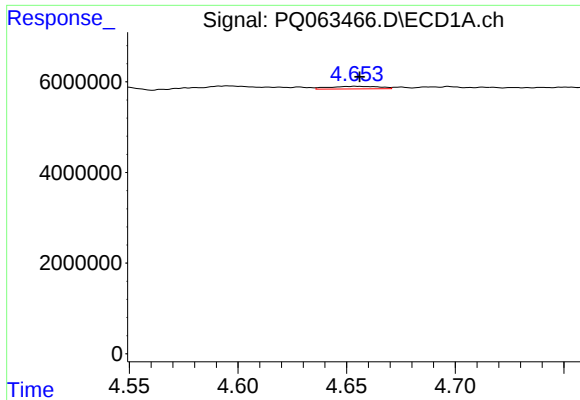
#4 AR-1016-2

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 1974775
Conc: 7.84 ng/ml



#4 AR-1016-2

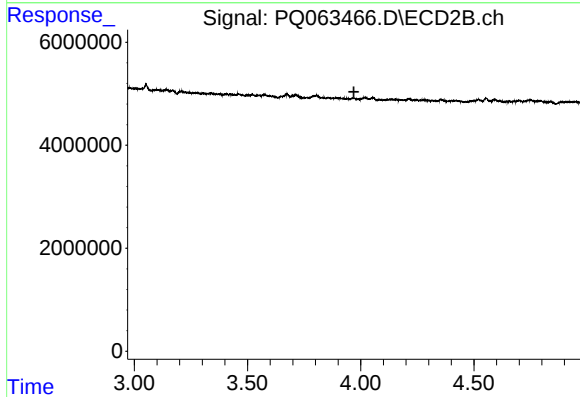
R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 1003329
Conc: 5.23 ng/ml



#5 AR-1016-3

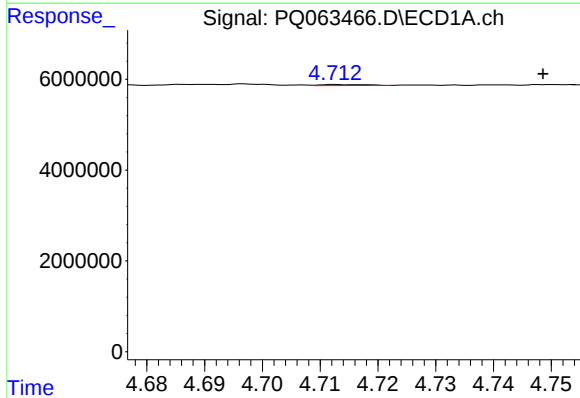
R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 938058
Conc: 5.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



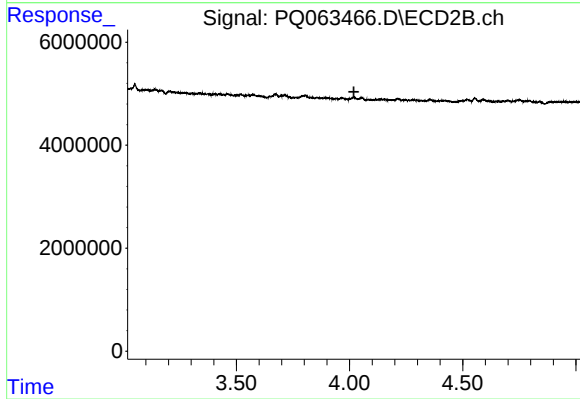
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.970 min
Response: 0
Conc: N.D.



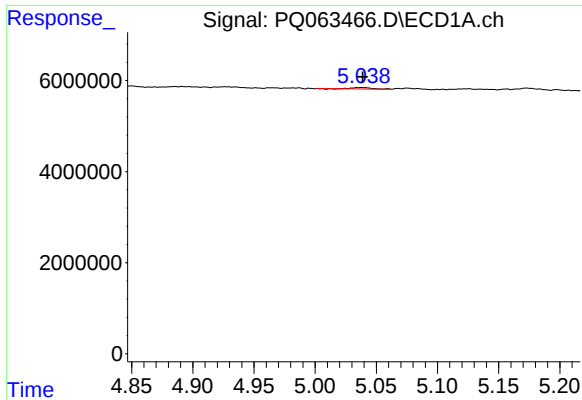
#6 AR-1016-4

R.T.: 4.713 min
Delta R.T.: -0.036 min
Response: 116130
Conc: 0.91 ng/ml



#6 AR-1016-4

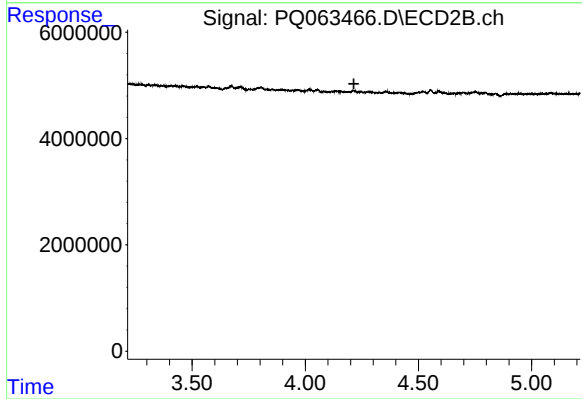
R.T.: 0.000 min
Exp R.T. : 4.019 min
Response: 0
Conc: N.D.



#7 AR-1016-5

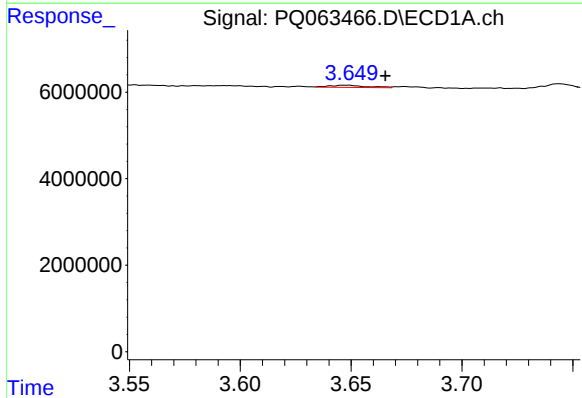
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 345778
Conc: 2.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



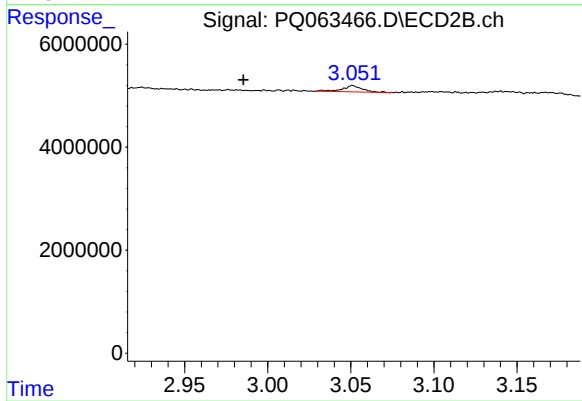
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.215 min
Response: 0
Conc: N.D.



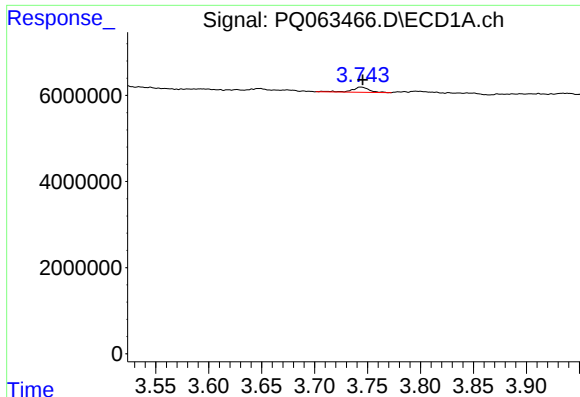
#8 AR-1221-1

R.T.: 3.648 min
Delta R.T.: -0.018 min
Response: 581306
Conc: 9.27 ng/ml



#8 AR-1221-1

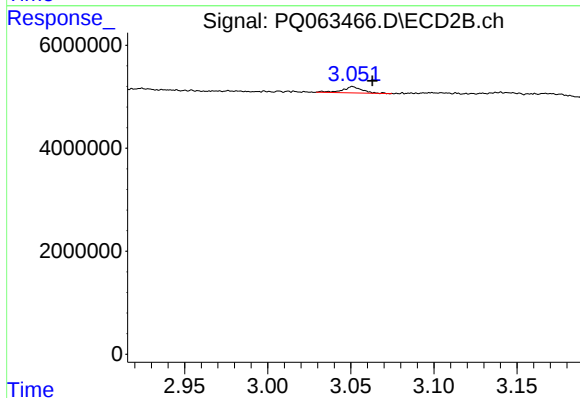
R.T.: 3.051 min
Delta R.T.: 0.066 min
Response: 1033911
Conc: 21.35 ng/ml



#9 AR-1221-2

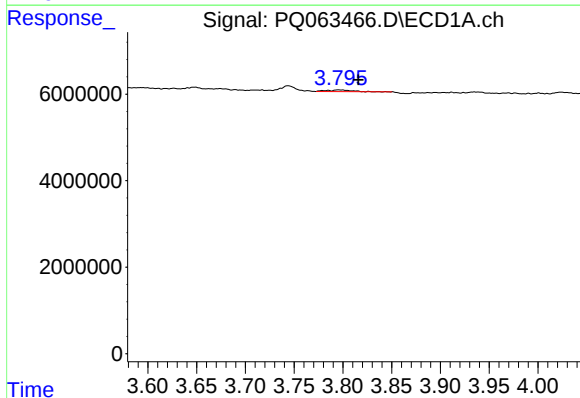
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1419864
Conc: 34.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



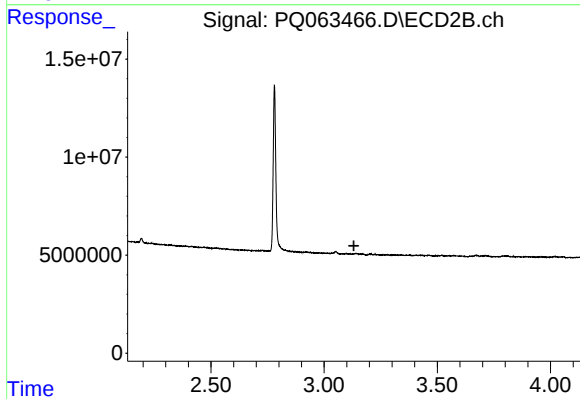
#9 AR-1221-2

R.T.: 3.051 min
Delta R.T.: -0.012 min
Response: 1033911
Conc: 31.03 ng/ml



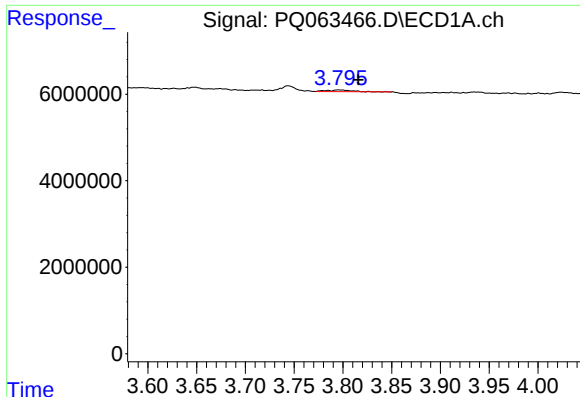
#10 AR-1221-3

R.T.: 3.796 min
Delta R.T.: -0.020 min
Response: 593226
Conc: 4.33 ng/ml



#10 AR-1221-3

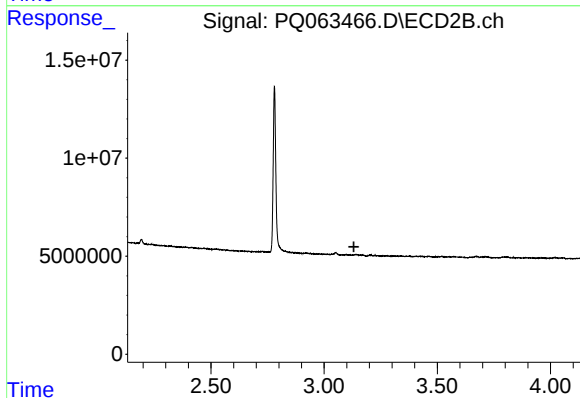
R.T.: 0.000 min
Exp R.T.: 3.131 min
Response: 0
Conc: N.D.



#11 AR-1232-1

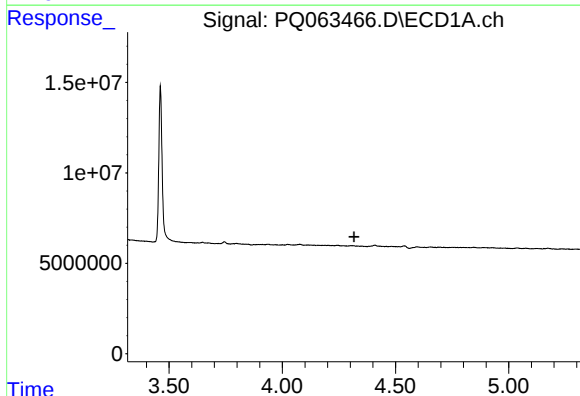
R.T.: 3.796 min
Delta R.T.: -0.021 min
Response: 593226
Conc: 5.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



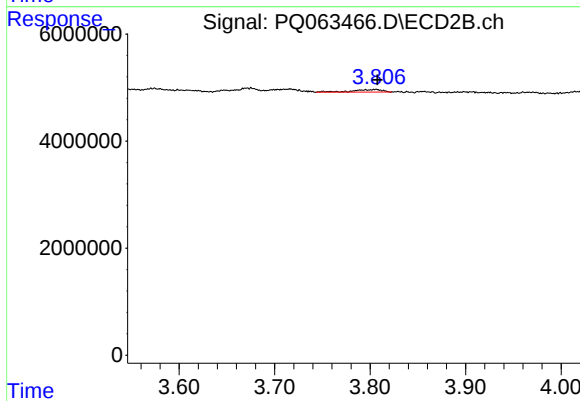
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.132 min
Response: 0
Conc: N.D.



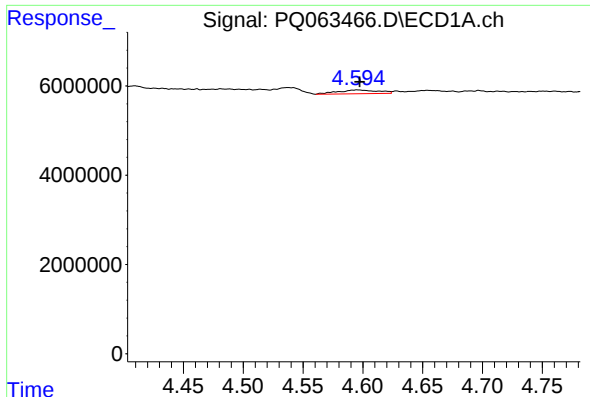
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.317 min
Response: 0
Conc: N.D.



#12 AR-1232-2

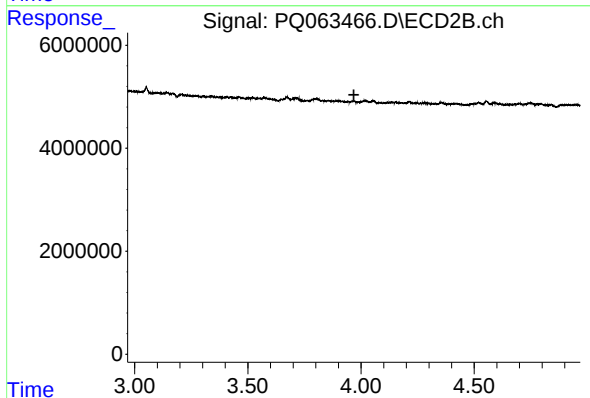
R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 1003329
Conc: 11.54 ng/ml



#13 AR-1232-3

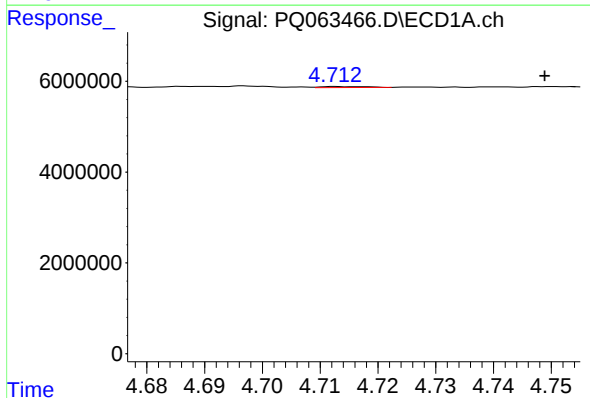
R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 1974775
Conc: 17.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



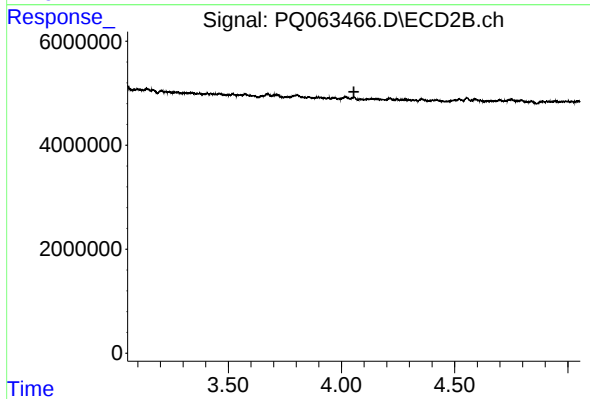
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



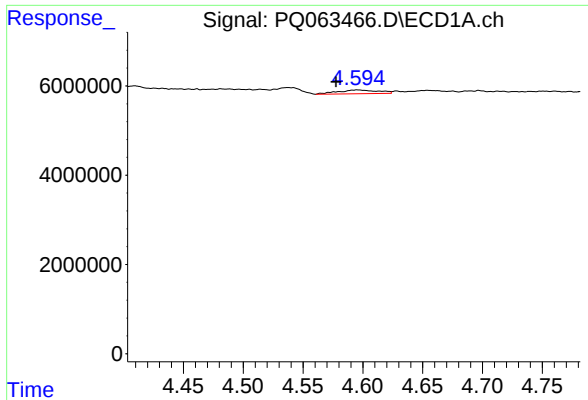
#14 AR-1232-4

R.T.: 4.713 min
Delta R.T.: -0.036 min
Response: 116130
Conc: 2.01 ng/ml



#14 AR-1232-4

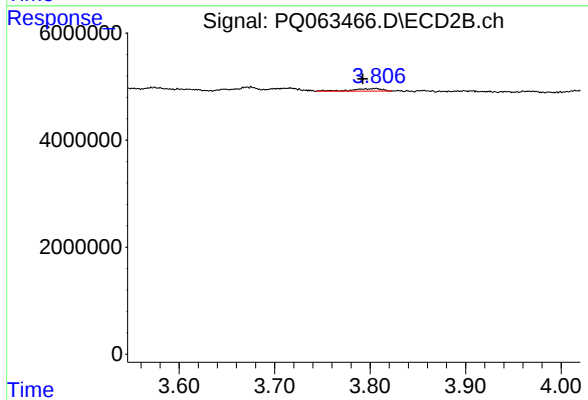
R.T.: 0.000 min
Exp R.T. : 4.055 min
Response: 0
Conc: N.D.



#16 AR-1242-1

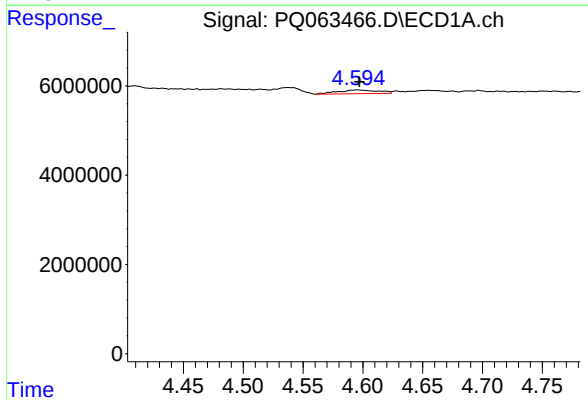
R.T.: 4.596 min
Delta R.T.: 0.018 min
Response: 1974775
Conc: 14.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



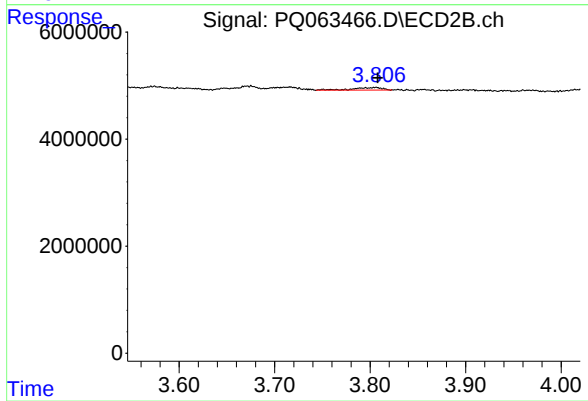
#16 AR-1242-1

R.T.: 3.806 min
Delta R.T.: 0.014 min
Response: 1003329
Conc: 8.91 ng/ml



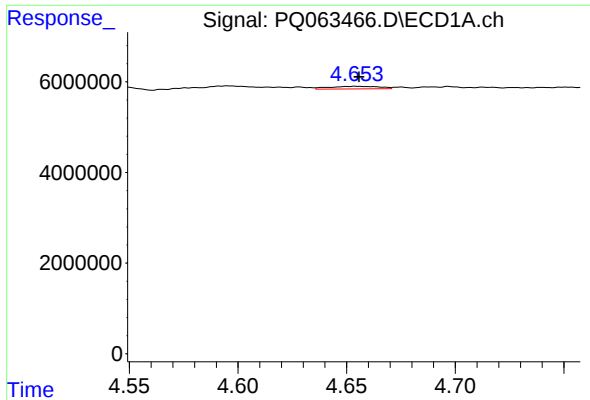
#17 AR-1242-2

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 1974775
Conc: 9.21 ng/ml



#17 AR-1242-2

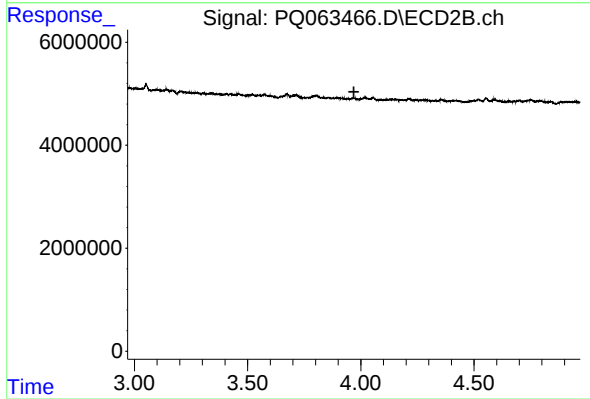
R.T.: 3.806 min
Delta R.T.: -0.002 min
Response: 1003329
Conc: 6.18 ng/ml



#18 AR-1242-3

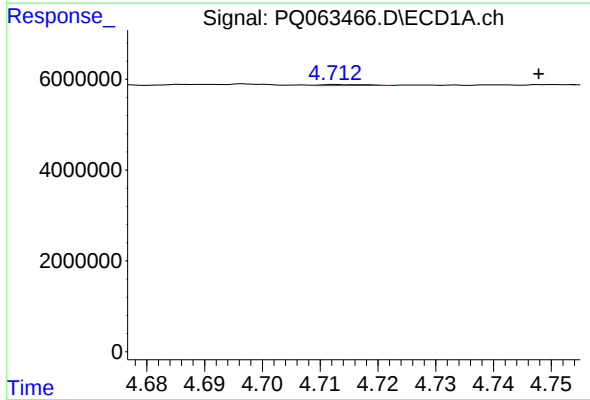
R.T.: 4.654 min
Delta R.T.: -0.001 min
Response: 938058
Conc: 7.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



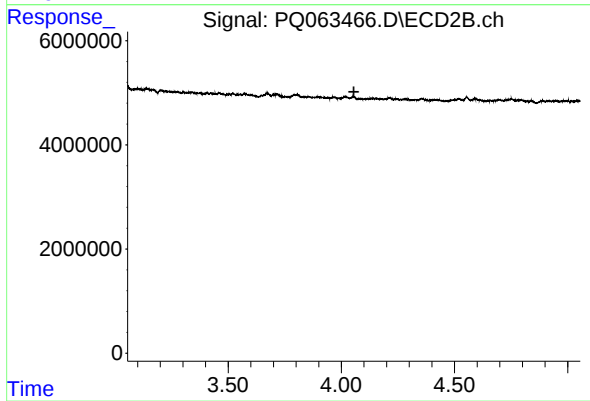
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



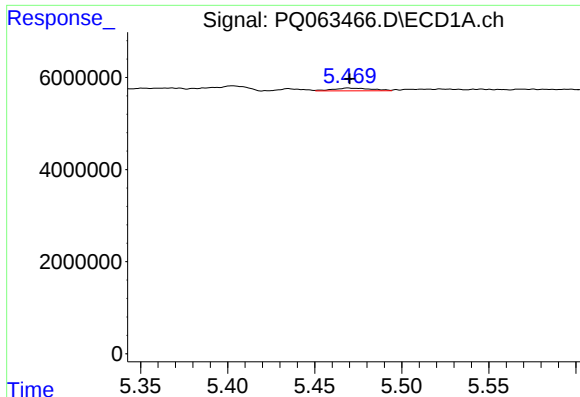
#19 AR-1242-4

R.T.: 4.713 min
Delta R.T.: -0.035 min
Response: 116130
Conc: 1.06 ng/ml



#19 AR-1242-4

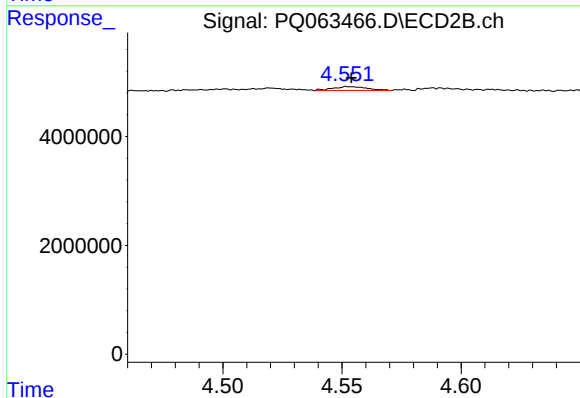
R.T.: 0.000 min
Exp R.T. : 4.056 min
Response: 0
Conc: N.D.



#20 AR-1242-5

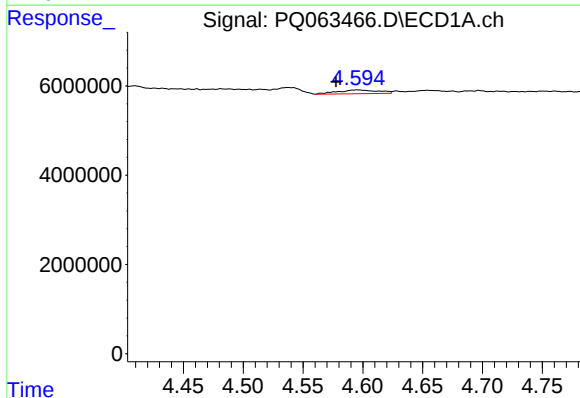
R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 903884
Conc: 7.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



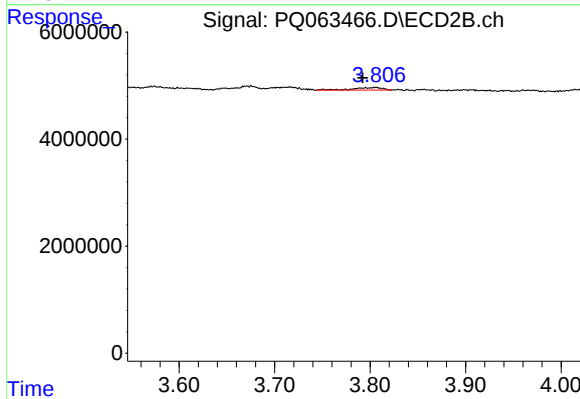
#20 AR-1242-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 674269
Conc: 6.33 ng/ml



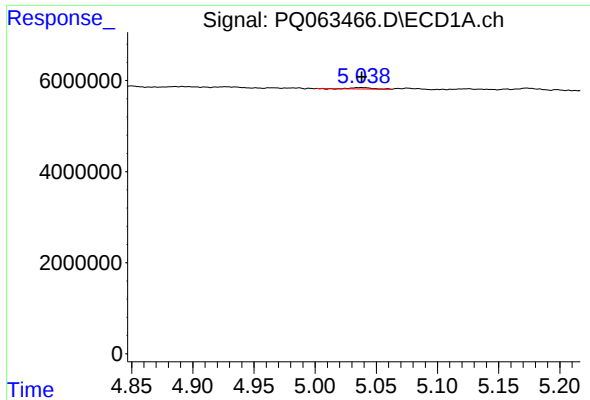
#21 AR-1248-1

R.T.: 4.596 min
Delta R.T.: 0.018 min
Response: 1974775
Conc: 18.50 ng/ml



#21 AR-1248-1

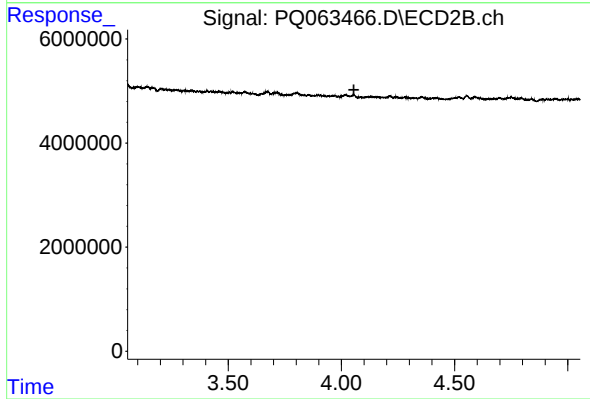
R.T.: 3.806 min
Delta R.T.: 0.014 min
Response: 1003329
Conc: 11.59 ng/ml



#23 AR-1248-3

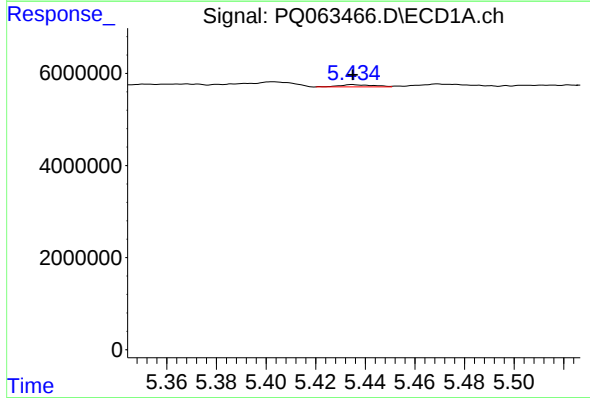
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 345778
Conc: 1.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



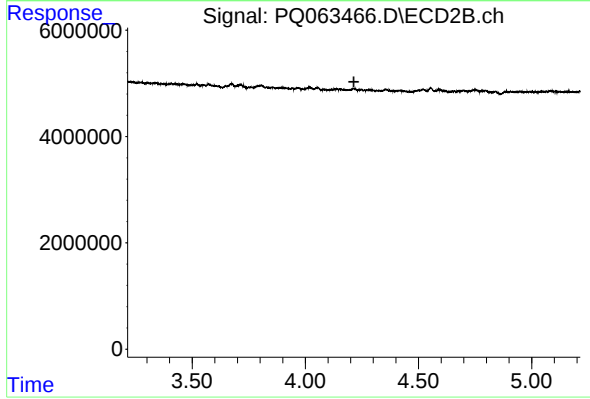
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.055 min
Response: 0
Conc: N.D.



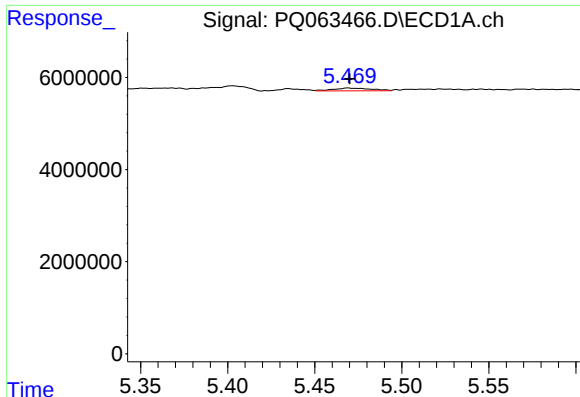
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 445280
Conc: 2.19 ng/ml



#24 AR-1248-4

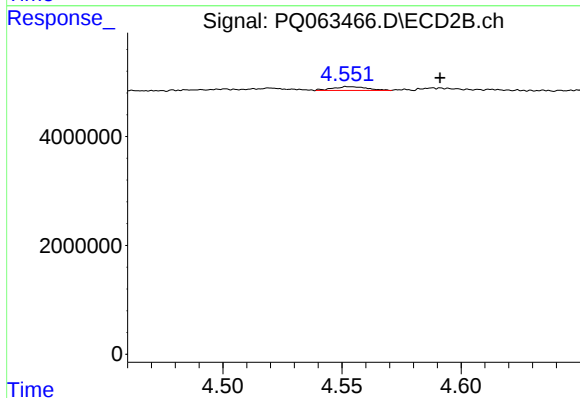
R.T.: 0.000 min
Exp R.T. : 4.214 min
Response: 0
Conc: N.D.



#25 AR-1248-5

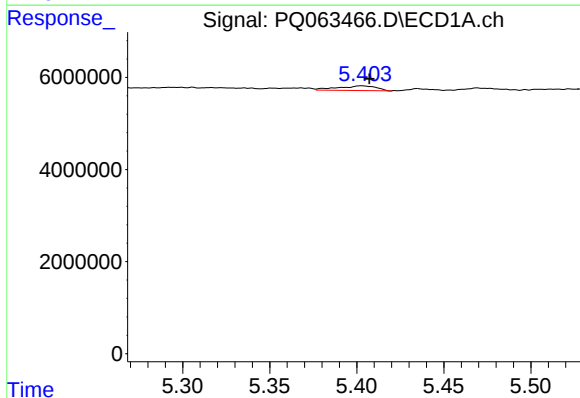
R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 903884
Conc: 4.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



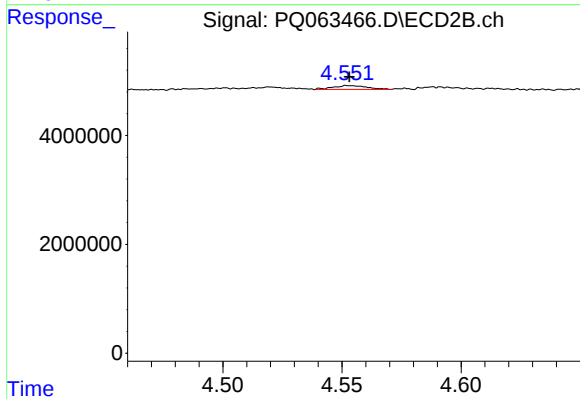
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: -0.038 min
Response: 674269
Conc: 4.44 ng/ml



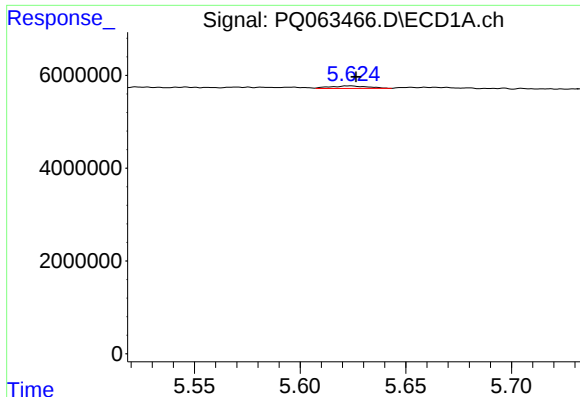
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: -0.004 min
Response: 1530156
Conc: 7.65 ng/ml



#26 AR-1254-1

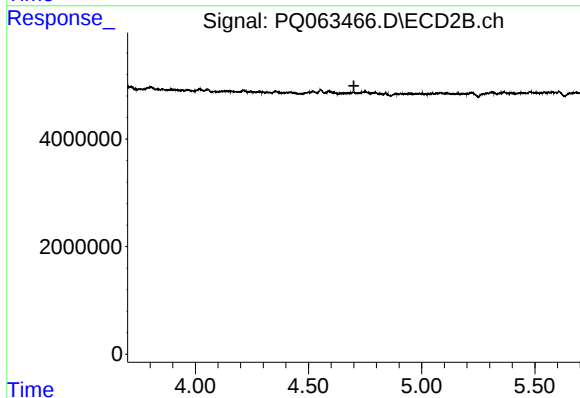
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 674269
Conc: 3.06 ng/ml



#27 AR-1254-2

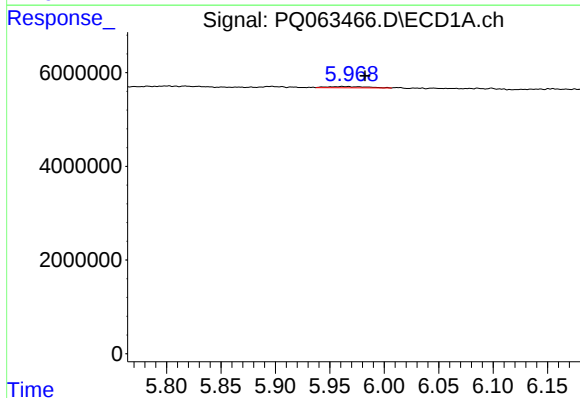
R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 688221
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



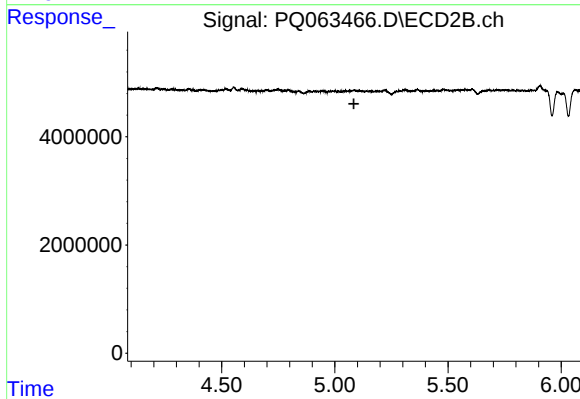
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



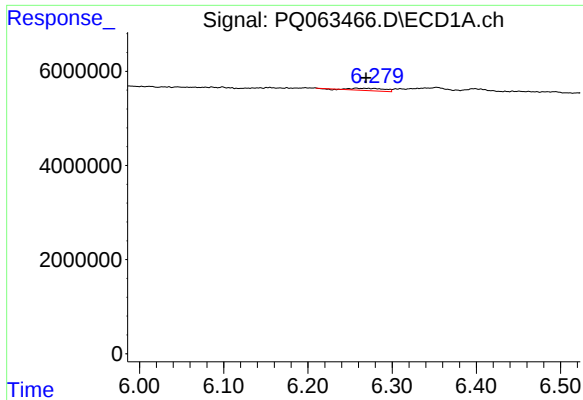
#28 AR-1254-3

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 642811
Conc: 1.98 ng/ml



#28 AR-1254-3

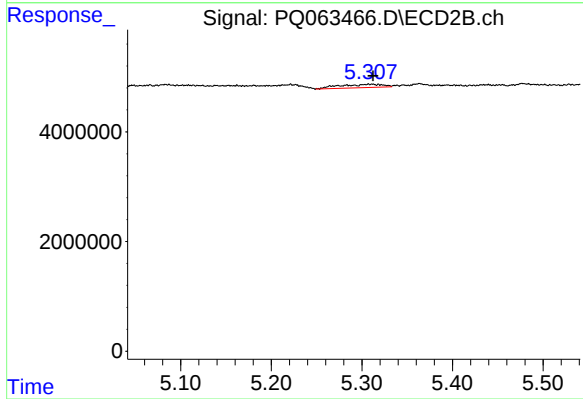
R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



#29 AR-1254-4

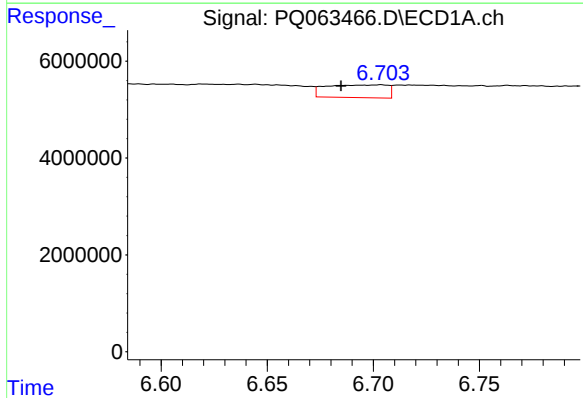
R.T.: 6.257 min
Delta R.T.: -0.012 min
Response: 1315657
Conc: 5.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



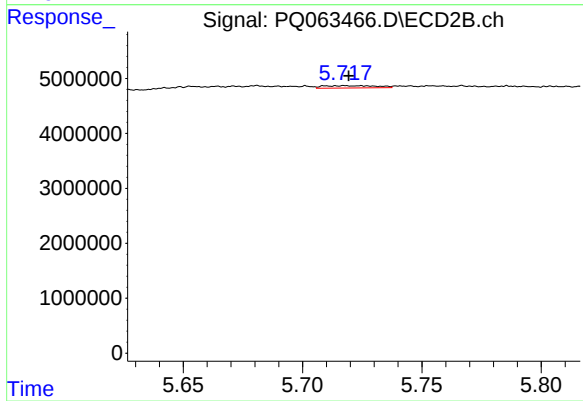
#29 AR-1254-4

R.T.: 5.308 min
Delta R.T.: -0.005 min
Response: 2037890
Conc: 10.45 ng/ml



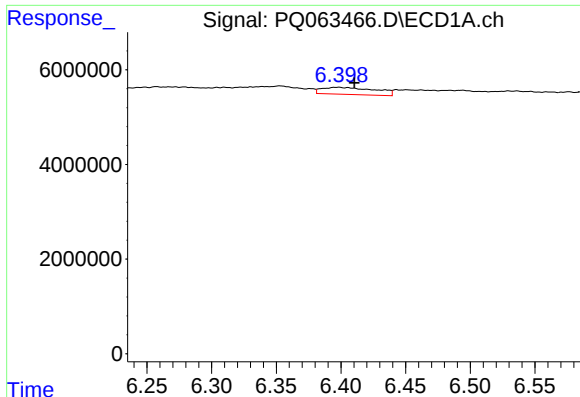
#30 AR-1254-5

R.T.: 6.703 min
Delta R.T.: 0.019 min
Response: 5307934
Conc: 20.52 ng/ml



#30 AR-1254-5

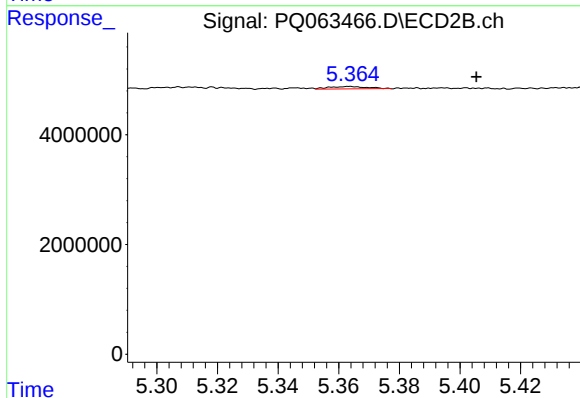
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 653340
Conc: 2.36 ng/ml



#32 AR-1260-2

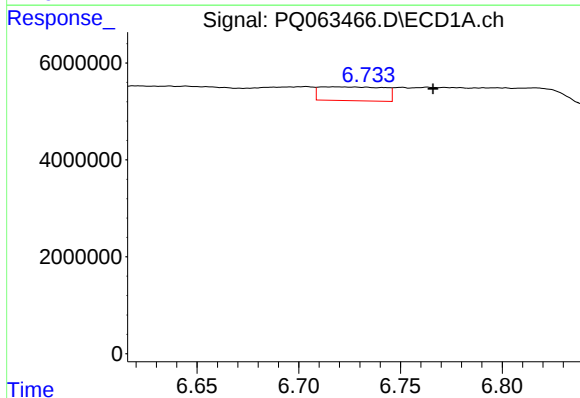
R.T.: 6.398 min
Delta R.T.: -0.013 min
Response: 4263885
Conc: 14.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



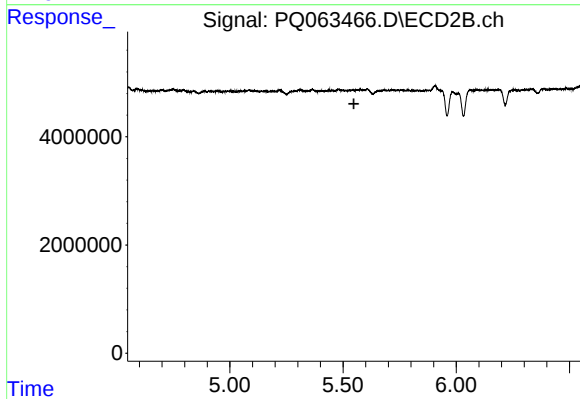
#32 AR-1260-2

R.T.: 5.364 min
Delta R.T.: -0.042 min
Response: 390150
Conc: 1.54 ng/ml



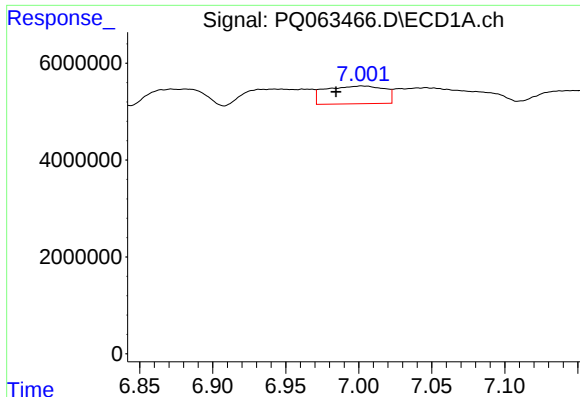
#33 AR-1260-3

R.T.: 6.718 min
Delta R.T.: -0.048 min
Response: 6253198
Conc: 28.60 ng/ml



#33 AR-1260-3

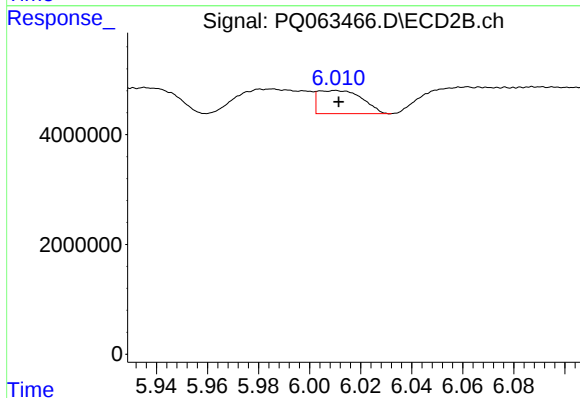
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.



#34 AR-1260-4

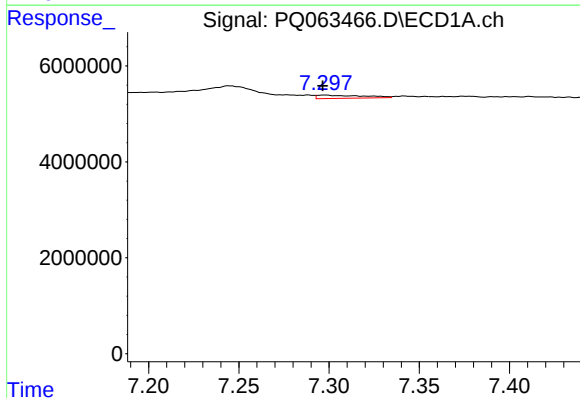
R.T.: 7.002 min
Delta R.T.: 0.018 min
Response: 10315552
Conc: 41.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



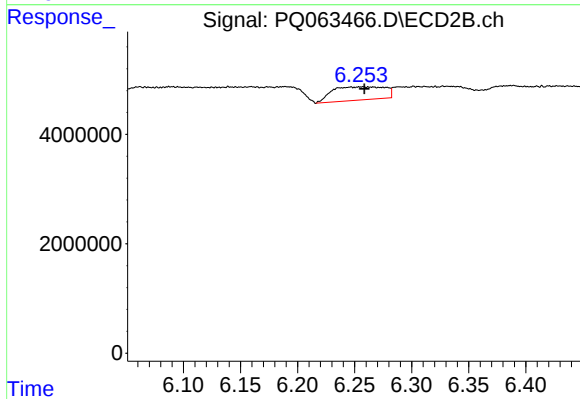
#34 AR-1260-4

R.T.: 6.010 min
Delta R.T.: -0.001 min
Response: 5064010
Conc: 24.99 ng/ml



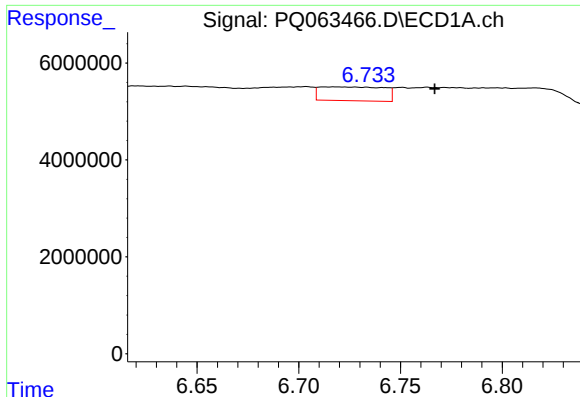
#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: 0.001 min
Response: 1208671
Conc: 2.54 ng/ml



#35 AR-1260-5

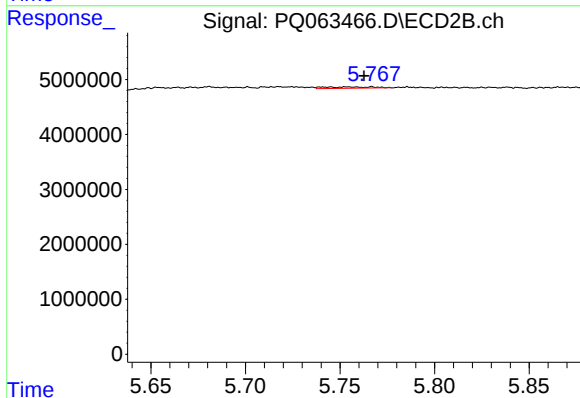
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 7837116
Conc: 16.90 ng/ml



#36 AR-1262-1

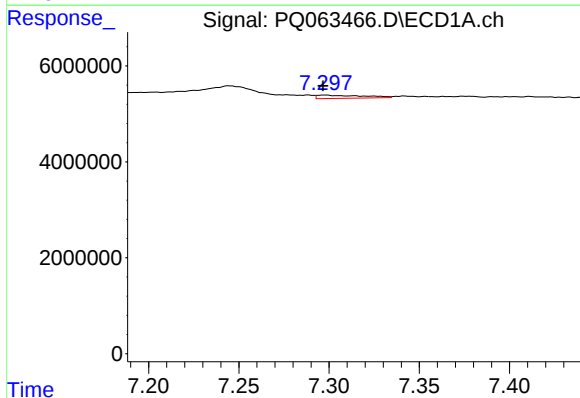
R.T.: 6.718 min
Delta R.T.: -0.049 min
Response: 6253198
Conc: 18.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



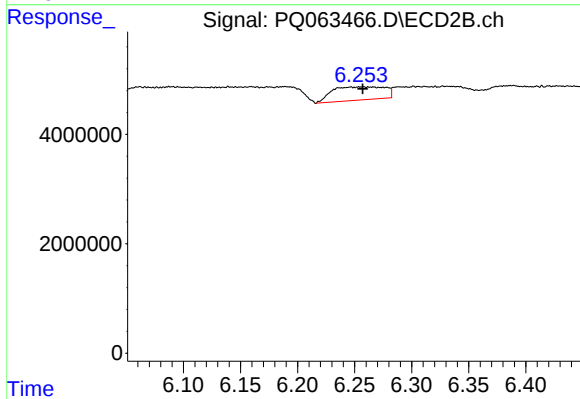
#36 AR-1262-1

R.T.: 5.767 min
Delta R.T.: 0.004 min
Response: 434696
Conc: 1.51 ng/ml



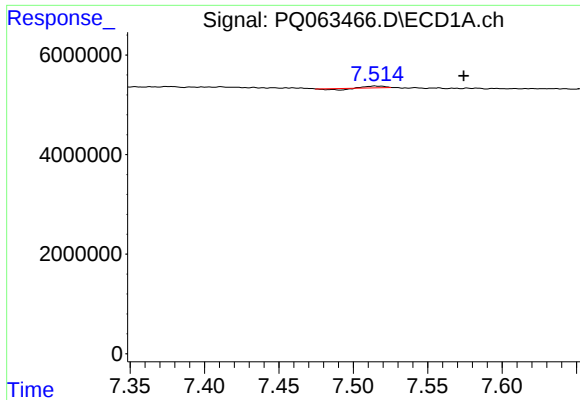
#37 AR-1262-2

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 1208671
Conc: 2.22 ng/ml



#37 AR-1262-2

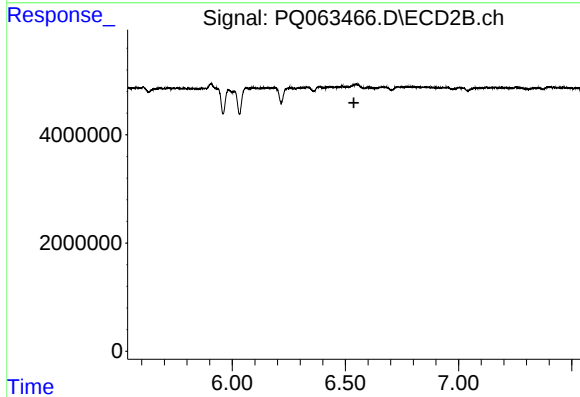
R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 7837116
Conc: 15.13 ng/ml



#38 AR-1262-3

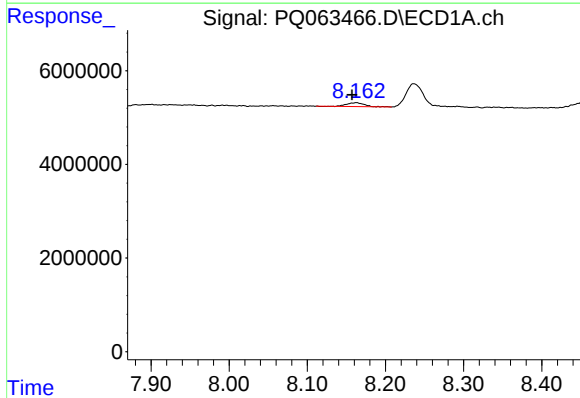
R.T.: 7.515 min
Delta R.T.: -0.059 min
Response: 163759
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



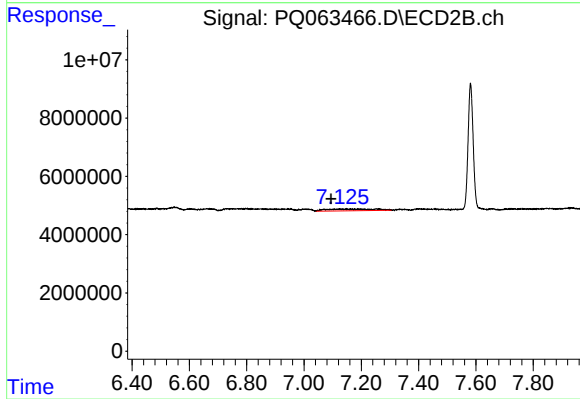
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



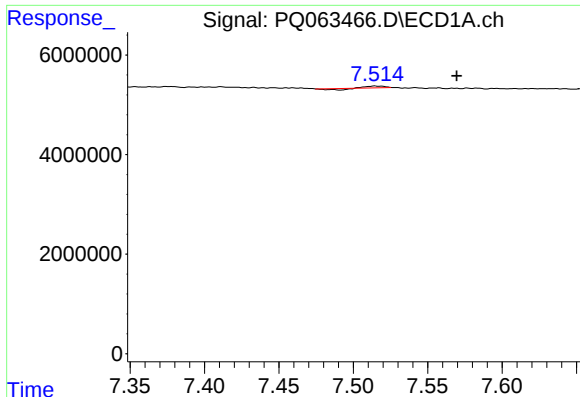
#40 AR-1262-5

R.T.: 8.163 min
Delta R.T.: 0.006 min
Response: 1311711
Conc: 7.09 ng/ml



#40 AR-1262-5

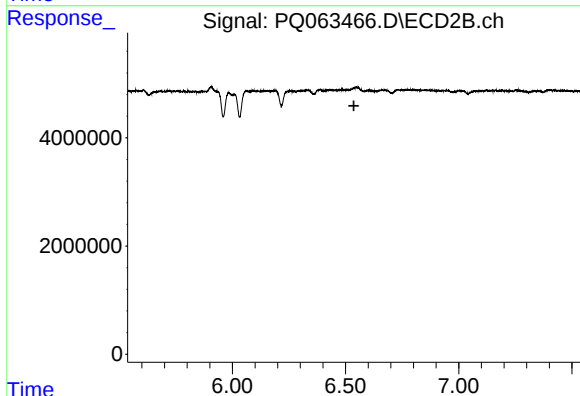
R.T.: 7.124 min
Delta R.T.: 0.030 min
Response: 7345059
Conc: 39.47 ng/ml



#41 AR-1268-1

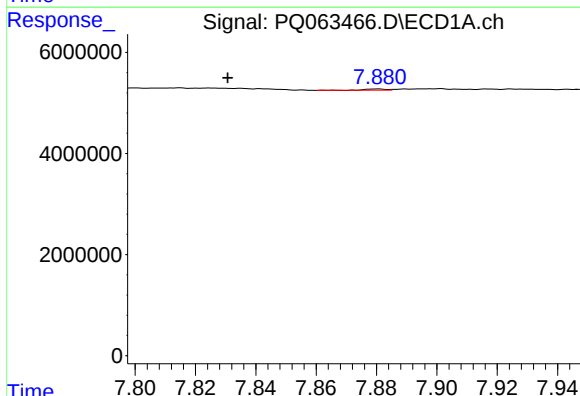
R.T.: 7.515 min
Delta R.T.: -0.055 min
Response: 163759
Conc: 0.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



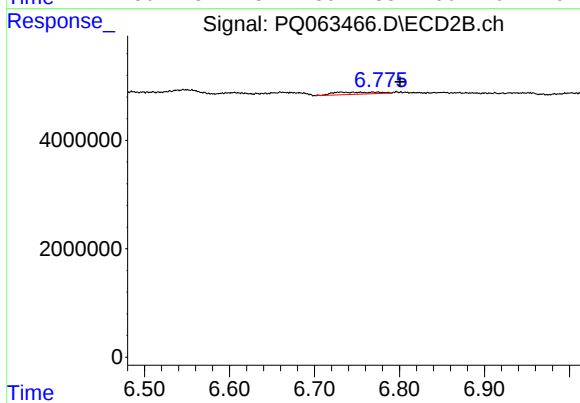
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.537 min
Response: 0
Conc: N.D.



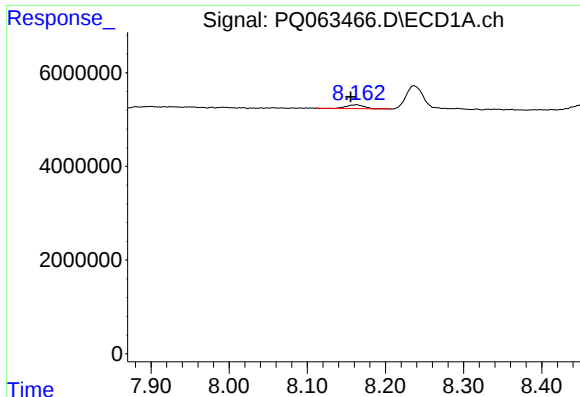
#43 AR-1268-3

R.T.: 7.880 min
Delta R.T.: 0.050 min
Response: 123619
Conc: 0.25 ng/ml



#43 AR-1268-3

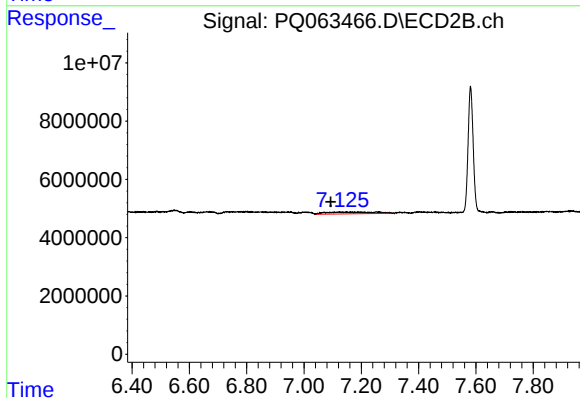
R.T.: 6.731 min
Delta R.T.: -0.070 min
Response: 1396321
Conc: 2.97 ng/ml



#44 AR-1268-4

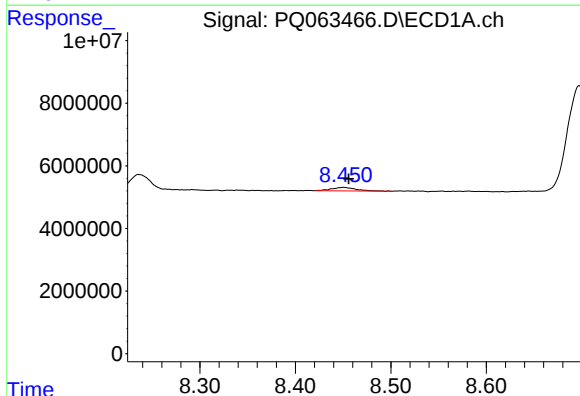
R.T.: 8.163 min
Delta R.T.: 0.007 min
Response: 1311711
Conc: 6.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



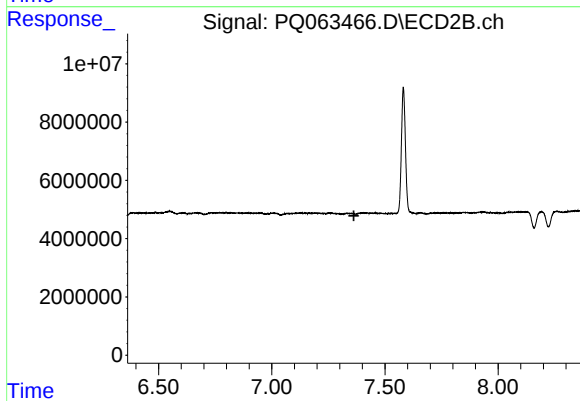
#44 AR-1268-4

R.T.: 7.124 min
Delta R.T.: 0.031 min
Response: 7345059
Conc: 36.05 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: -0.005 min
Response: 1911672
Conc: 1.33 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.363 min
Response: 0
Conc: N.D.