

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 18:42
 Operator : DD\AJ
 Sample : M2262-01
 Misc : AR1232 LOD 25 PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:55:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.221	4.237	606.9E6	264.0E6	21.022	20.487
2)	SA Decachlor...	11.411	9.575	661.5E6	309.3E6	22.150	21.783
Target Compounds							
3)	L1 AR-1016-1	6.547	5.496	5467751	3811255	5.522	8.374 #
4)	L1 AR-1016-2	6.572	5.517	12152073	6639301	7.893	9.799
5)	L1 AR-1016-3	6.639	5.709	9409098	3781159	10.274	10.923
6)	L1 AR-1016-4	6.747	5.759	8820767	3116102	11.970	11.016
7)	L1 AR-1016-5	7.059	5.991	13780843	5191073	19.105	14.380
8)	L2 AR-1221-1	5.473	4.492	2113746	7720417	7.245	57.723 #
9)	L2 AR-1221-2	5.578	4.593	25481994	14474662	119.974	144.312
10)	L2 AR-1221-3	5.659	4.683	34470770	8410169	49.391	25.790 #
11)	L3 AR-1232-1	5.659	4.683	34470770	8410169	66.895	35.459 #
12)	L3 AR-1232-2	6.245	5.517	30228123	6639301	108.554	26.247 #
13)	L3 AR-1232-3	6.572	5.709	12152073	3781159	20.698	29.737 #
14)	L3 AR-1232-4	6.747	5.804	8820767	2655696	32.316	23.676 #
15)	L3 AR-1232-5	6.839	5.991	9863896	5191073	49.599	42.238
16)	L4 AR-1242-1	6.547	5.496	5467751	3811255	7.823	11.874 #
17)	L4 AR-1242-2	6.572	5.517	12152073	6639301	11.217	14.053 #
18)	L4 AR-1242-3	6.639	5.709	9409098	3781159	14.490	15.540
19)	L4 AR-1242-4	6.747	5.804	8820767	2655696	16.848	11.208 #
20)	L4 AR-1242-5	7.530	6.369	25659178	7497260	43.957	23.502 #
21)	L5 AR-1248-1	6.547	5.496	5467751	3811255	10.507	15.766 #
22)	L5 AR-1248-2	6.839	5.759	9863896	3116102	13.010	9.035 #
23)	L5 AR-1248-3	7.059	5.804	13780843	2655696	16.047	7.571 #
24)	L5 AR-1248-4	7.489	5.991	15444947	5191073	15.877	12.147
25)	L5 AR-1248-5	7.530	6.410	25659178	7824189	26.247	18.449 #
26)	L6 AR-1254-1	7.458	6.369	20971431	7497260	21.543	11.076 #
27)	L6 AR-1254-2	7.692	6.528	12162959	4032676	8.058	6.477
28)	L6 AR-1254-3	8.066	0.000	2284651	0	1.462	N.D. #
29)	L6 AR-1254-4	8.363	7.186	4360761	1510942	3.760	2.433 #
30)	L6 AR-1254-5	8.796	0.000	908216	0	0.705	N.D. #
31)	L7 AR-1260-1	8.245	0.000	1648665	0	1.211	N.D. #
32)	L7 AR-1260-2	8.511	7.253f	5945832	1121731	3.460	0.988 #
33)	L7 AR-1260-3	0.000	7.423	0	3601410	N.D.	3.775 #
34)	L7 AR-1260-4	9.106	0.000	561974	0	0.441	N.D. #
35)	L7 AR-1260-5	9.450	0.000	502609	0	0.183	N.D. #
37)	L8 AR-1262-2	9.450	0.000	502609	0	0.166	N.D. #
38)	L8 AR-1262-3	9.791	8.454	389497	2100504	0.190	2.494 #
39)	L8 AR-1262-4	9.899	8.517	291140	2174049	0.171	1.532 #
40)	L8 AR-1262-5	10.591	0.000	770621	0	0.677	N.D. #
41)	L9 AR-1268-1	9.791	8.454	389497	2100504	0.111	0.907 #
42)	L9 AR-1268-2	9.899	8.517	291140	2174049	0.087	1.118 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 18:42
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:55:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation

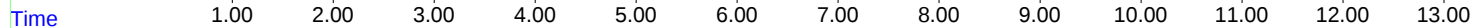
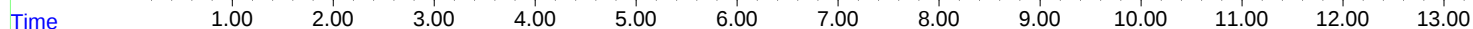
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

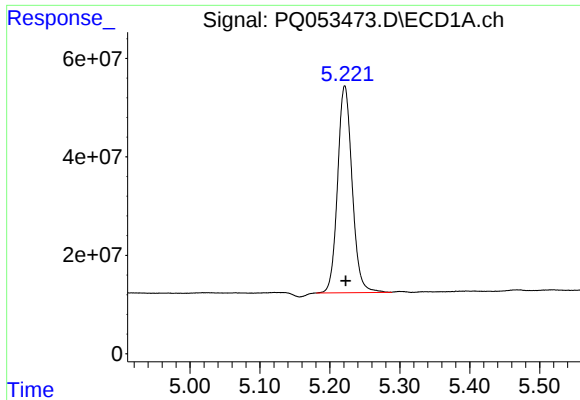
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.122	8.725	2515346	965742	0.858	0.566 #
44) L9	AR-1268-4	10.591	0.000	770621	0	0.669	N.D. #
45) L9	AR-1268-5	11.048	9.317	6246773	5724438	0.668	1.182 #

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

Instrument :
ECD_Q
ClientSampleId :

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

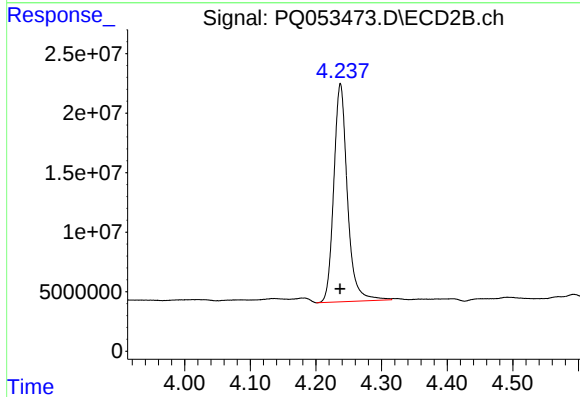




#1 Tetrachloro-m-xylene

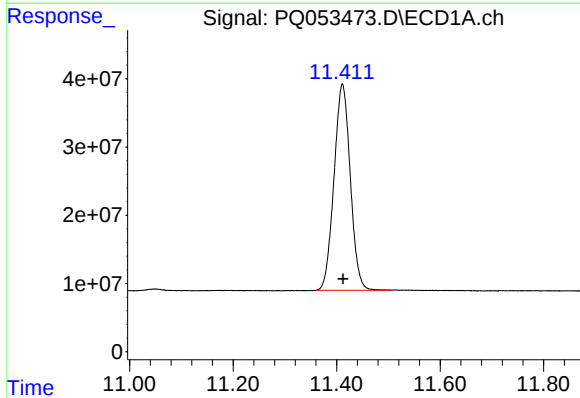
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 606896170
Conc: 21.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



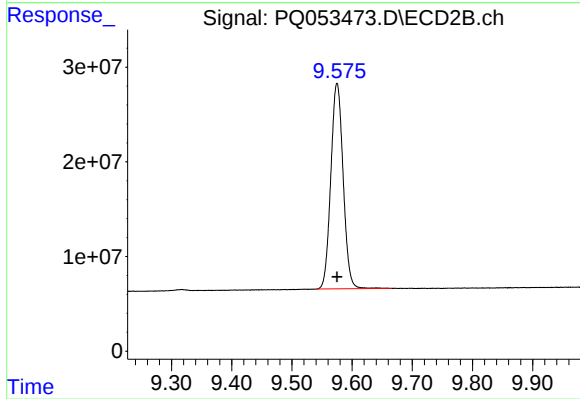
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 263968903
Conc: 20.49 ng/ml



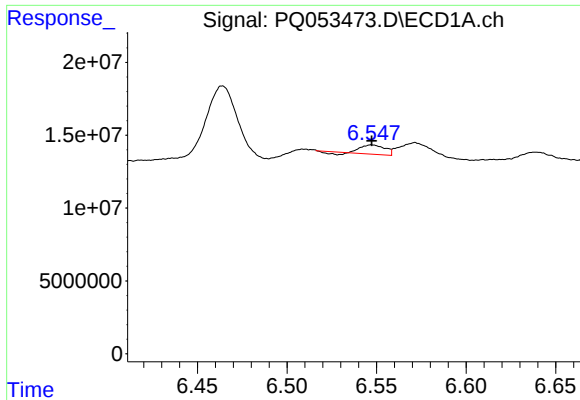
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: -0.001 min
Response: 661536652
Conc: 22.15 ng/ml



#2 Decachlorobiphenyl

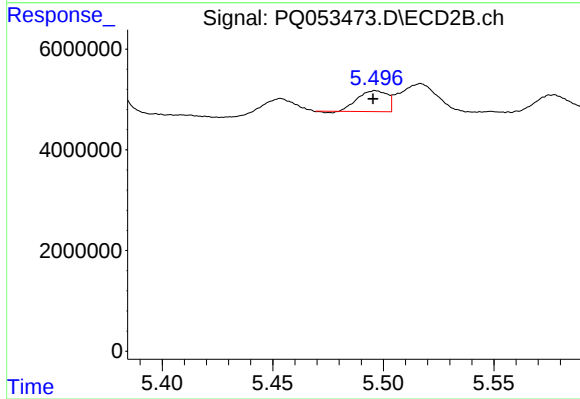
R.T.: 9.575 min
Delta R.T.: 0.000 min
Response: 309269687
Conc: 21.78 ng/ml



#3 AR-1016-1

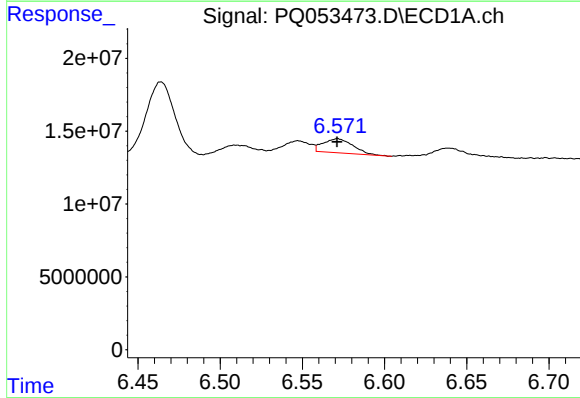
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 5467751
Conc: 5.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



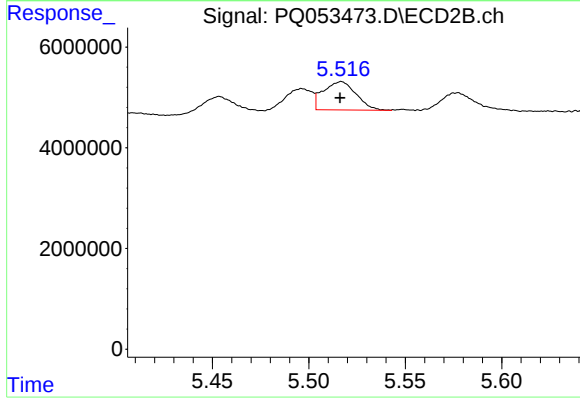
#3 AR-1016-1

R.T.: 5.496 min
Delta R.T.: 0.001 min
Response: 3811255
Conc: 8.37 ng/ml



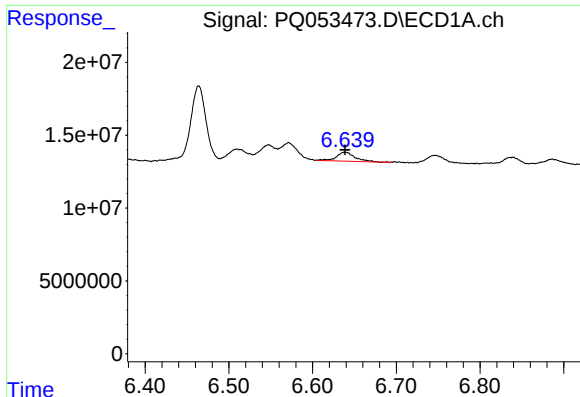
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 12152073
Conc: 7.89 ng/ml



#4 AR-1016-2

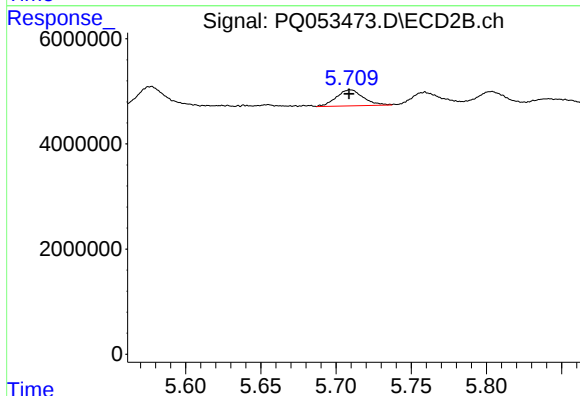
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 6639301
Conc: 9.80 ng/ml



#5 AR-1016-3

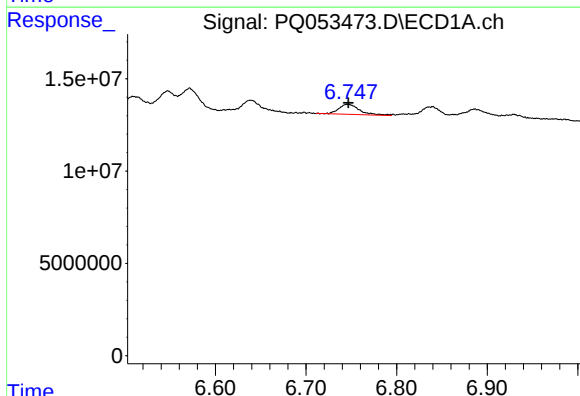
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 9409098
Conc: 10.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



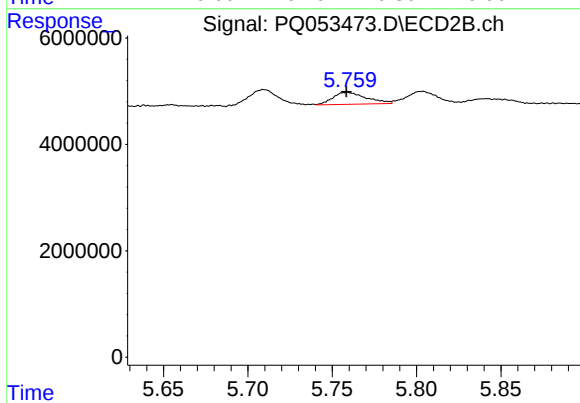
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 3781159
Conc: 10.92 ng/ml



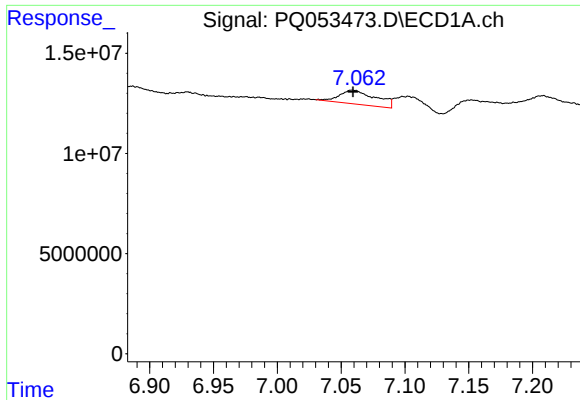
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 8820767
Conc: 11.97 ng/ml



#6 AR-1016-4

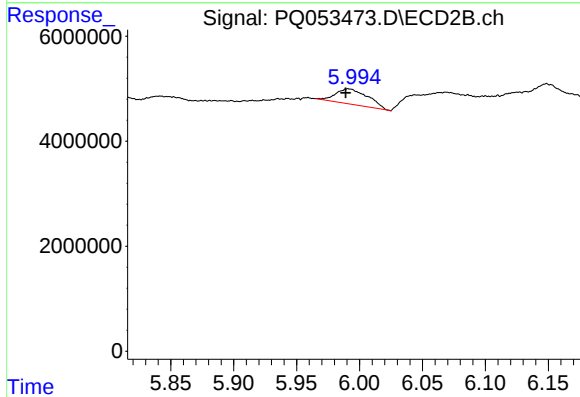
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 3116102
Conc: 11.02 ng/ml



#7 AR-1016-5

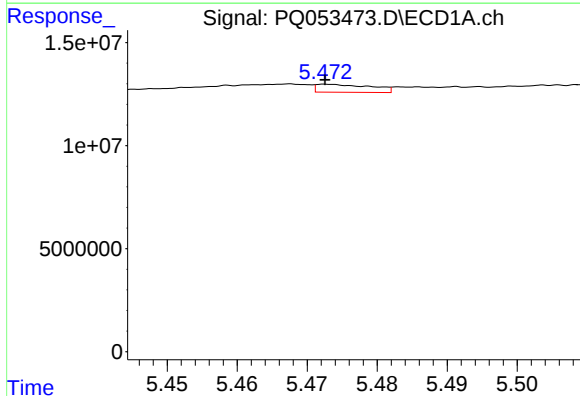
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 13780843
Conc: 19.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



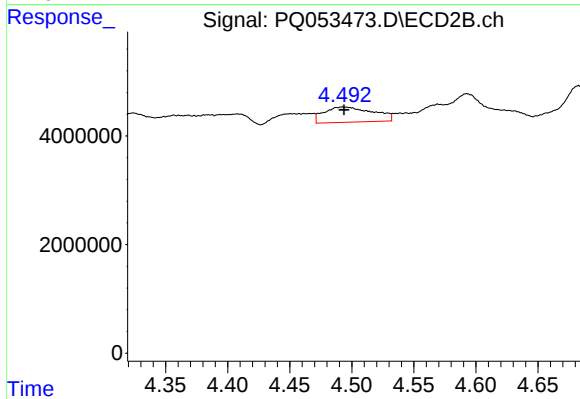
#7 AR-1016-5

R.T.: 5.991 min
Delta R.T.: 0.002 min
Response: 5191073
Conc: 14.38 ng/ml



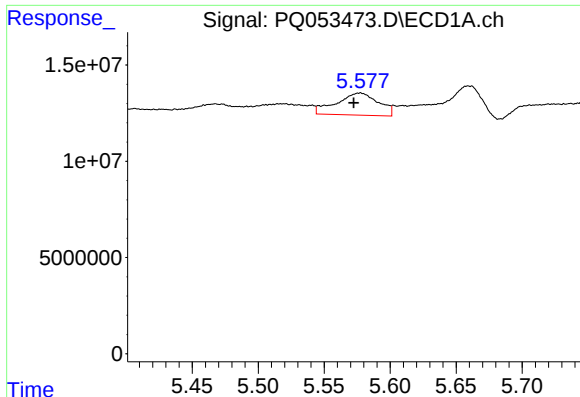
#8 AR-1221-1

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 2113746
Conc: 7.24 ng/ml



#8 AR-1221-1

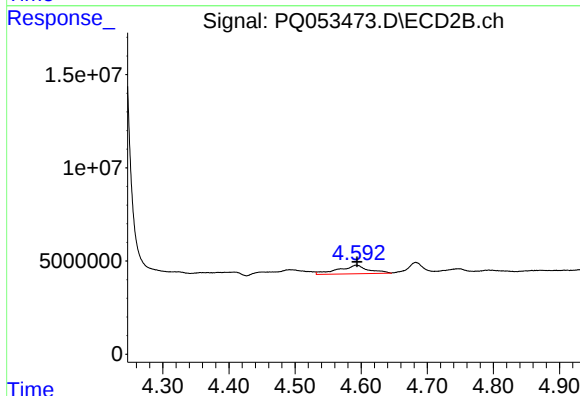
R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 7720417
Conc: 57.72 ng/ml



#9 AR-1221-2

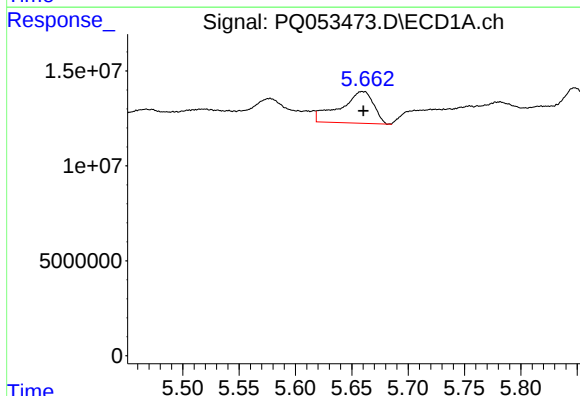
R.T.: 5.578 min
Delta R.T.: 0.005 min
Response: 25481994
Conc: 119.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



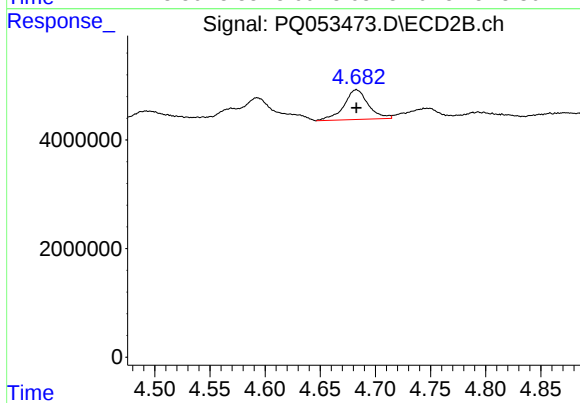
#9 AR-1221-2

R.T.: 4.593 min
Delta R.T.: -0.001 min
Response: 14474662
Conc: 144.31 ng/ml



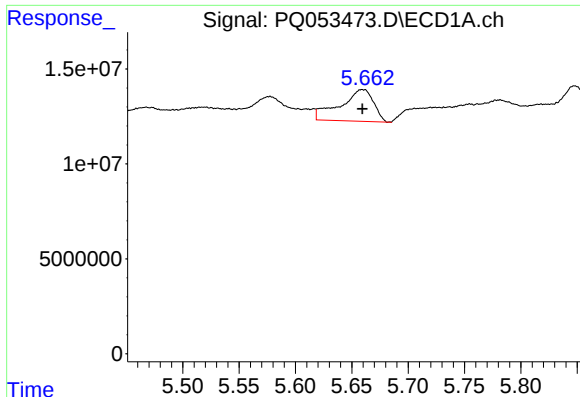
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: -0.001 min
Response: 34470770
Conc: 49.39 ng/ml



#10 AR-1221-3

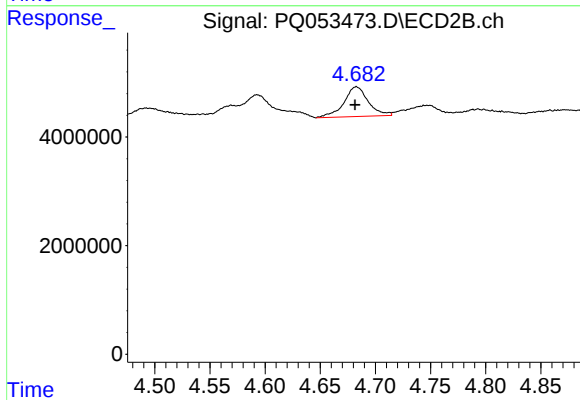
R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 8410169
Conc: 25.79 ng/ml



#11 AR-1232-1

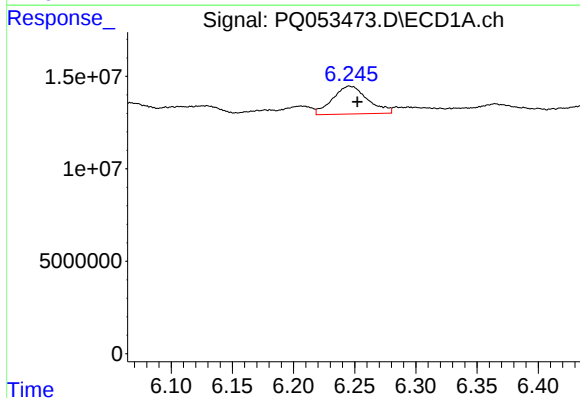
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 34470770
Conc: 66.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



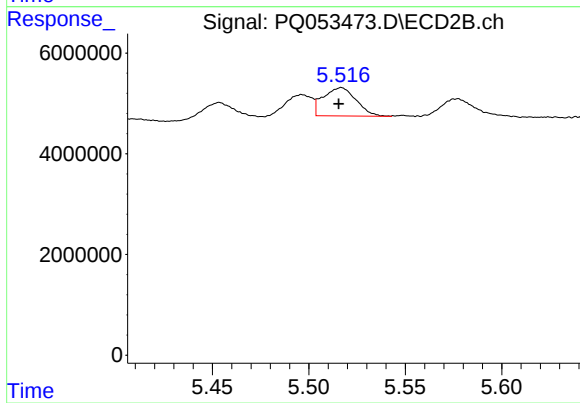
#11 AR-1232-1

R.T.: 4.683 min
Delta R.T.: 0.001 min
Response: 8410169
Conc: 35.46 ng/ml



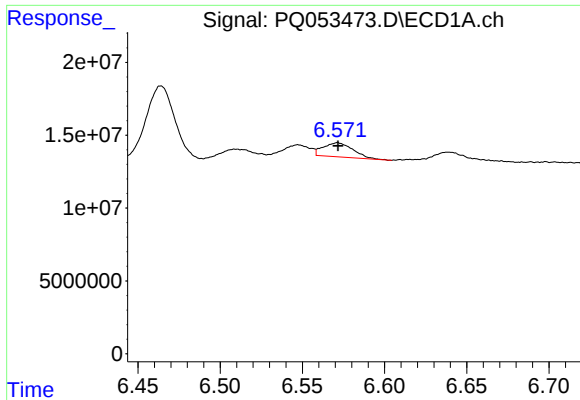
#12 AR-1232-2

R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 30228123
Conc: 108.55 ng/ml



#12 AR-1232-2

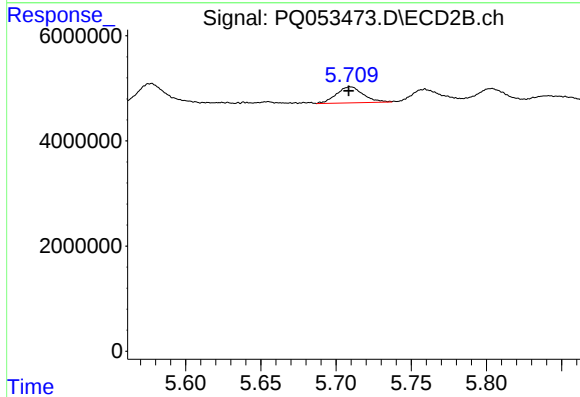
R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 6639301
Conc: 26.25 ng/ml



#13 AR-1232-3

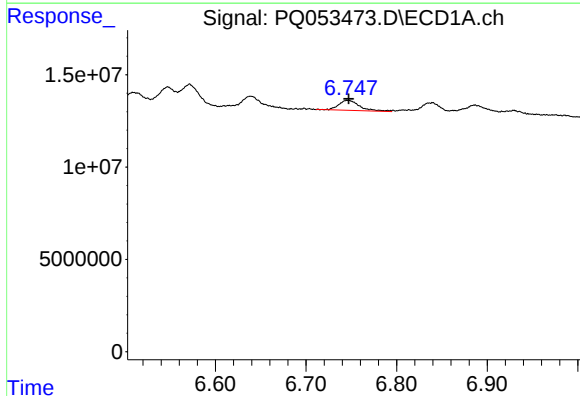
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 12152073
Conc: 20.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



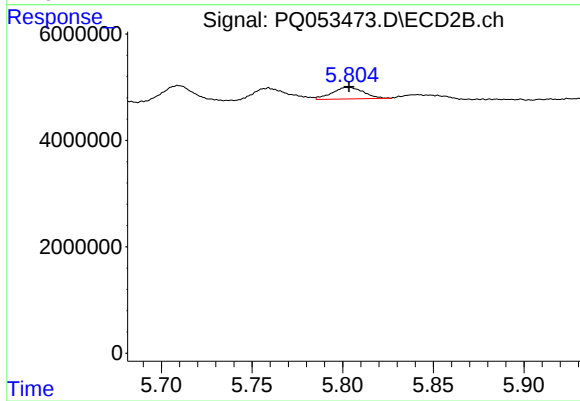
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 3781159
Conc: 29.74 ng/ml



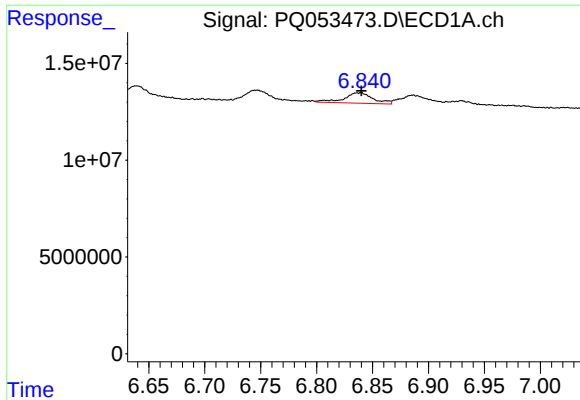
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 8820767
Conc: 32.32 ng/ml



#14 AR-1232-4

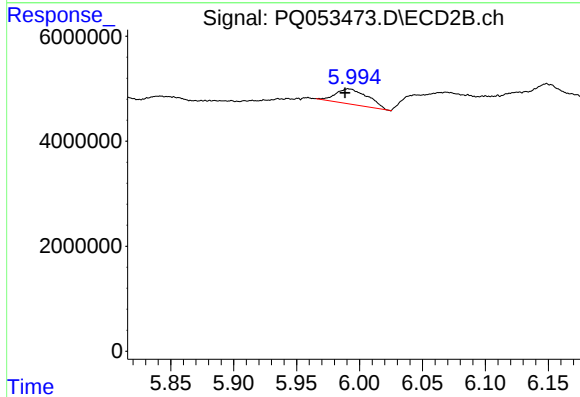
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 2655696
Conc: 23.68 ng/ml



#15 AR-1232-5

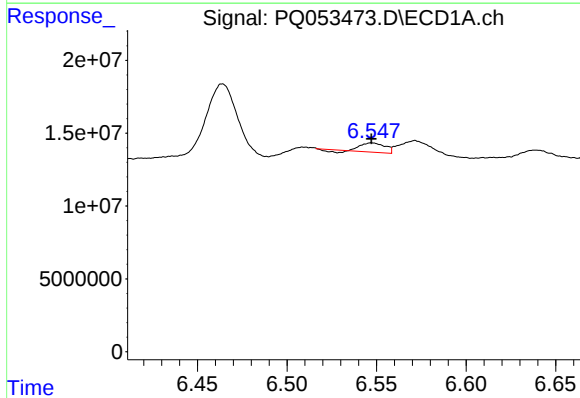
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 9863896
Conc: 49.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



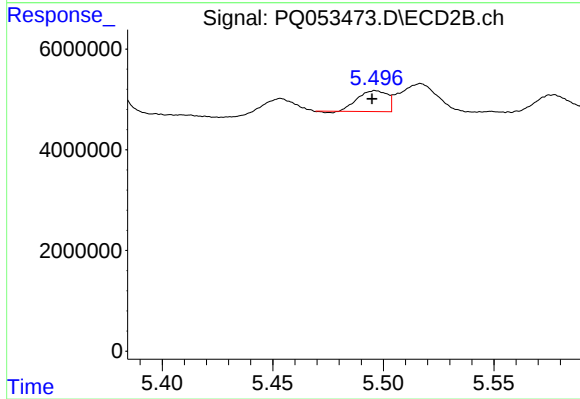
#15 AR-1232-5

R.T.: 5.991 min
Delta R.T.: 0.002 min
Response: 5191073
Conc: 42.24 ng/ml



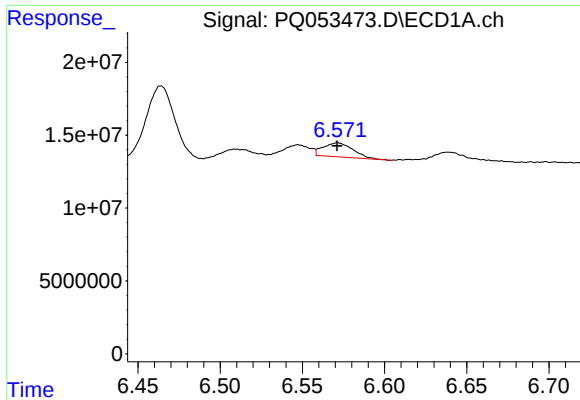
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 5467751
Conc: 7.82 ng/ml



#16 AR-1242-1

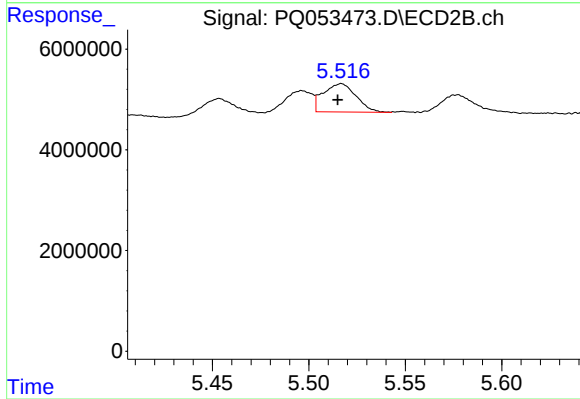
R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 3811255
Conc: 11.87 ng/ml



#17 AR-1242-2

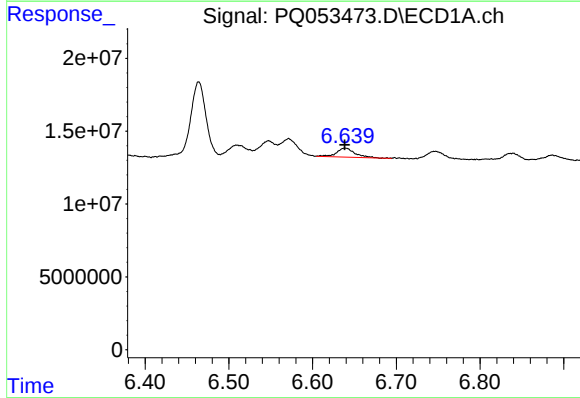
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 12152073
Conc: 11.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



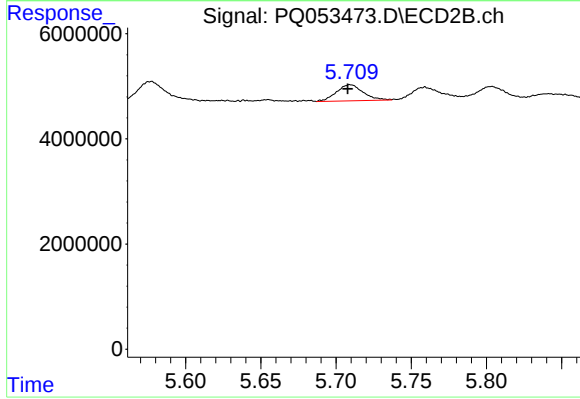
#17 AR-1242-2

R.T.: 5.517 min
Delta R.T.: 0.002 min
Response: 6639301
Conc: 14.05 ng/ml



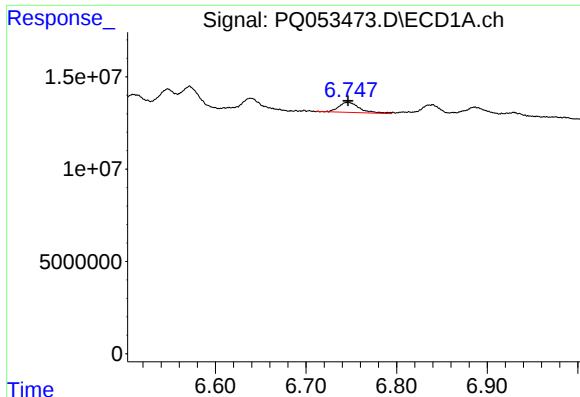
#18 AR-1242-3

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 9409098
Conc: 14.49 ng/ml



#18 AR-1242-3

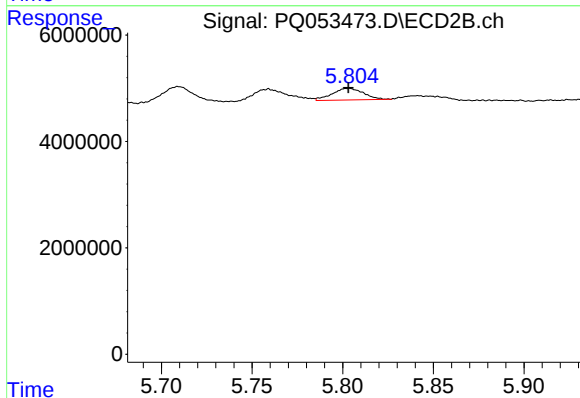
R.T.: 5.709 min
Delta R.T.: 0.002 min
Response: 3781159
Conc: 15.54 ng/ml



#19 AR-1242-4

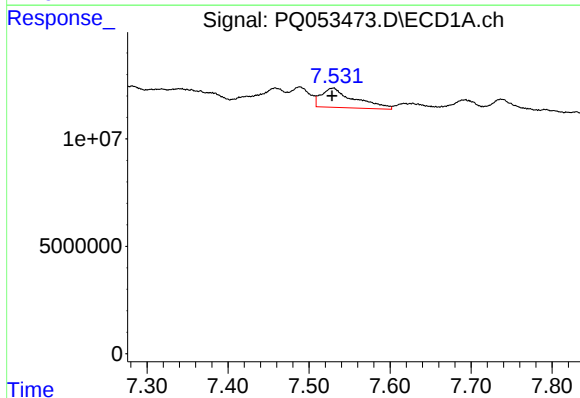
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 8820767
Conc: 16.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



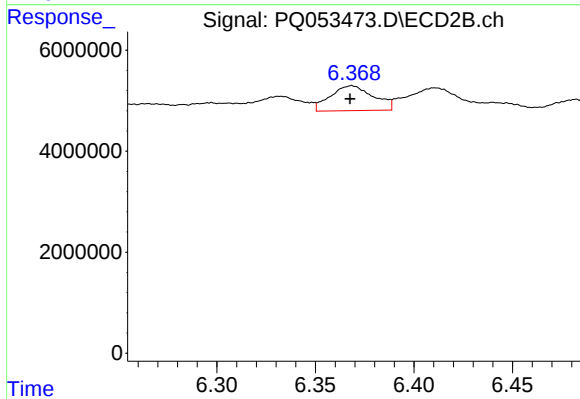
#19 AR-1242-4

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 2655696
Conc: 11.21 ng/ml



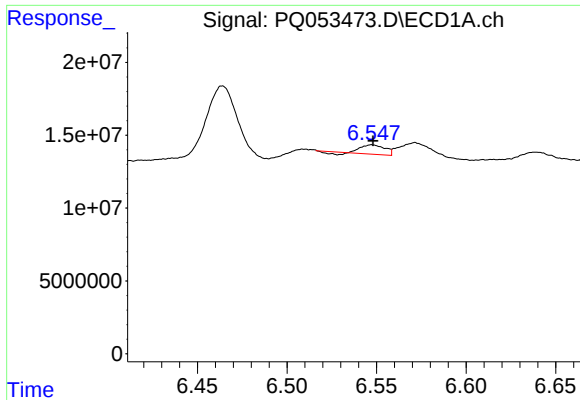
#20 AR-1242-5

R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 25659178
Conc: 43.96 ng/ml



#20 AR-1242-5

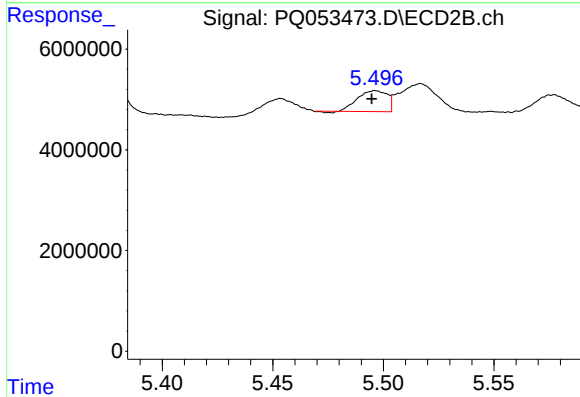
R.T.: 6.369 min
Delta R.T.: 0.001 min
Response: 7497260
Conc: 23.50 ng/ml



#21 AR-1248-1

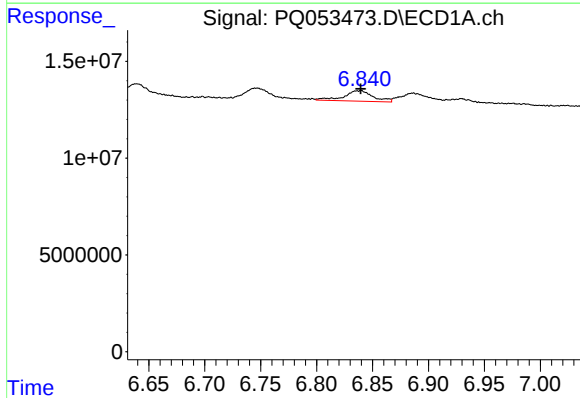
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 5467751
Conc: 10.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



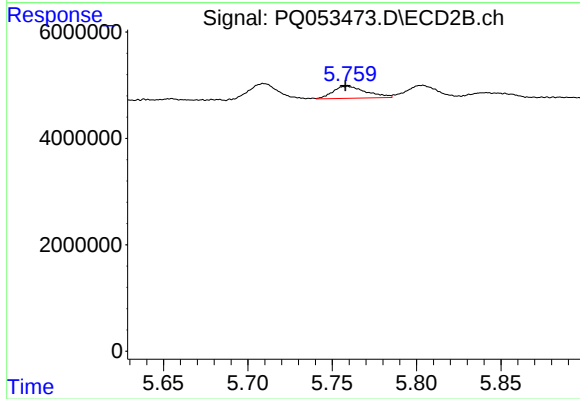
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 3811255
Conc: 15.77 ng/ml



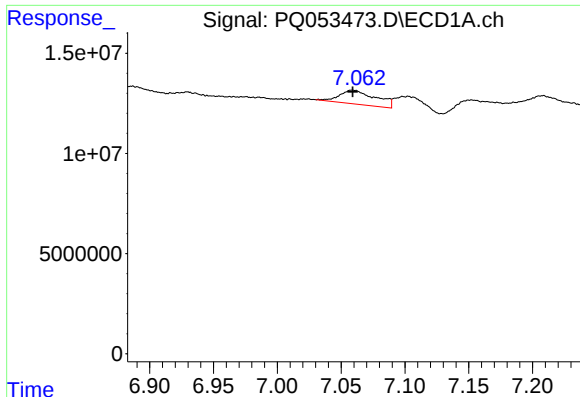
#22 AR-1248-2

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 9863896
Conc: 13.01 ng/ml



#22 AR-1248-2

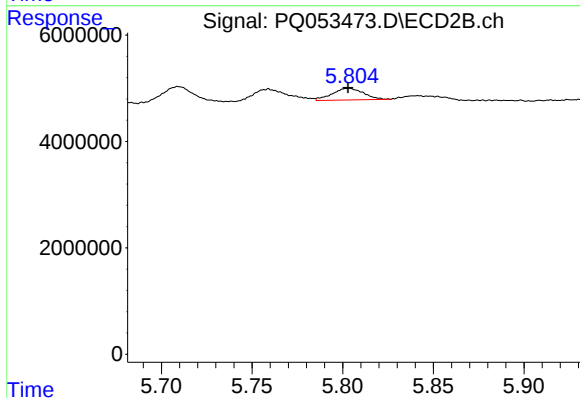
R.T.: 5.759 min
Delta R.T.: 0.001 min
Response: 3116102
Conc: 9.04 ng/ml



#23 AR-1248-3

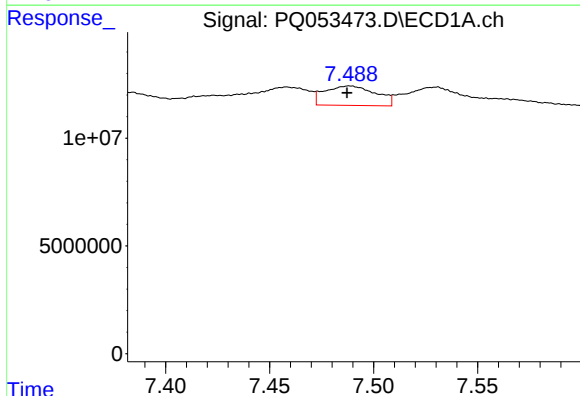
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 13780843
Conc: 16.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



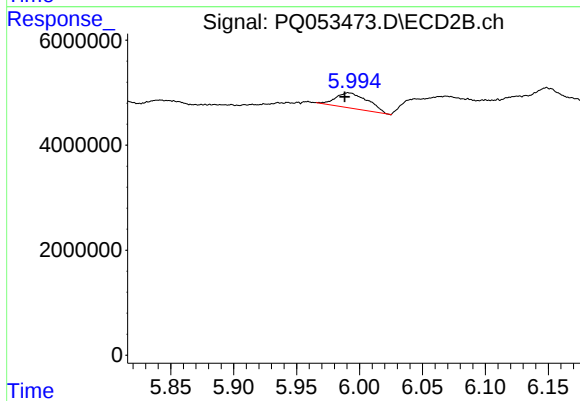
#23 AR-1248-3

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 2655696
Conc: 7.57 ng/ml



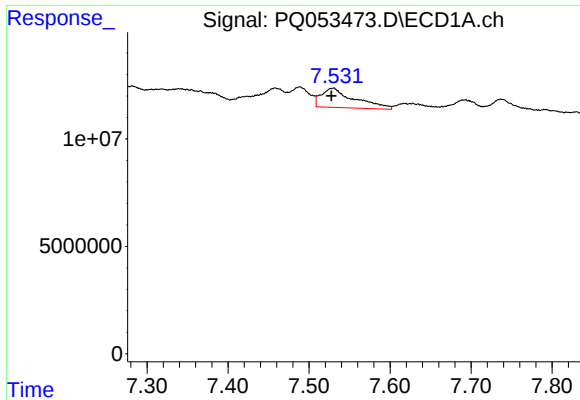
#24 AR-1248-4

R.T.: 7.489 min
Delta R.T.: 0.001 min
Response: 15444947
Conc: 15.88 ng/ml



#24 AR-1248-4

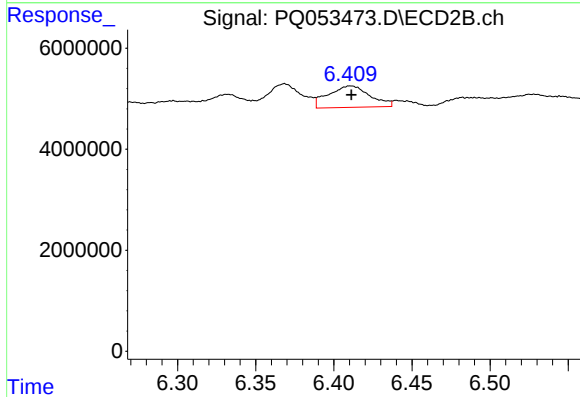
R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 5191073
Conc: 12.15 ng/ml



#25 AR-1248-5

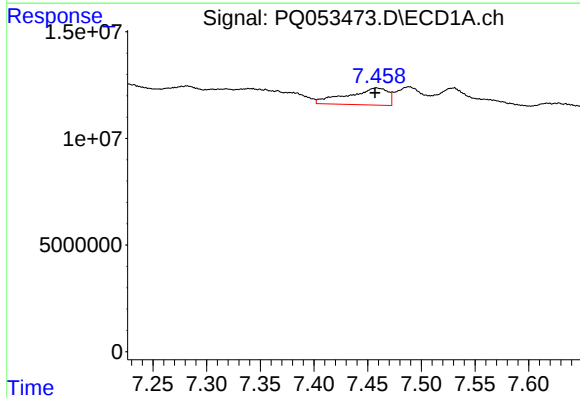
R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 25659178
Conc: 26.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



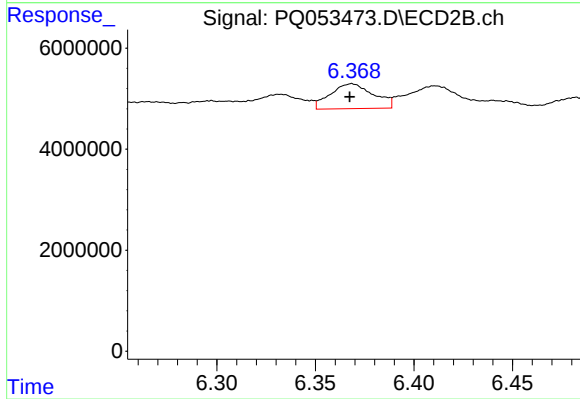
#25 AR-1248-5

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 7824189
Conc: 18.45 ng/ml



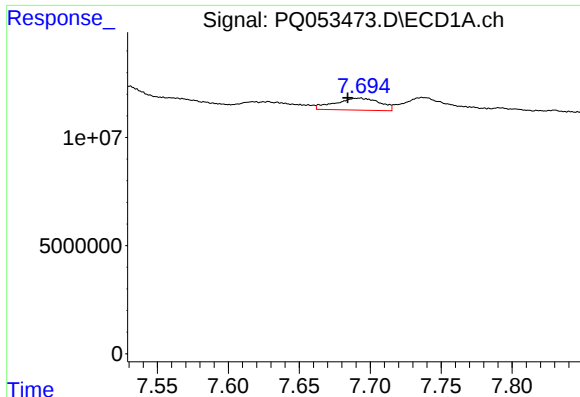
#26 AR-1254-1

R.T.: 7.458 min
Delta R.T.: 0.001 min
Response: 20971431
Conc: 21.54 ng/ml



#26 AR-1254-1

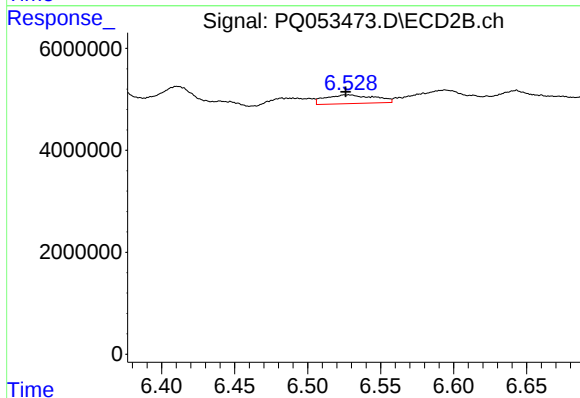
R.T.: 6.369 min
Delta R.T.: 0.001 min
Response: 7497260
Conc: 11.08 ng/ml



#27 AR-1254-2

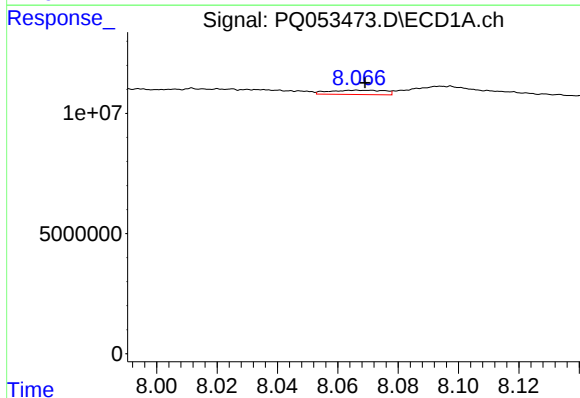
R.T.: 7.692 min
Delta R.T.: 0.008 min
Response: 12162959
Conc: 8.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



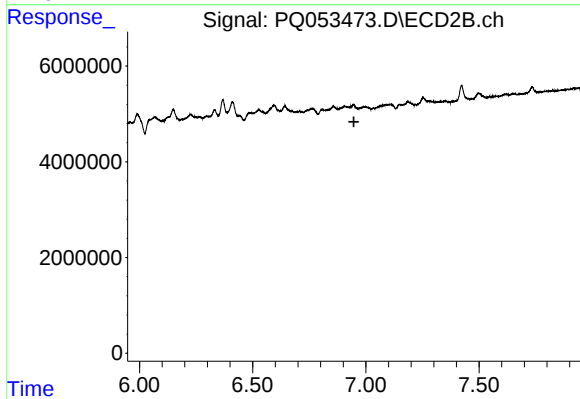
#27 AR-1254-2

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 4032676
Conc: 6.48 ng/ml



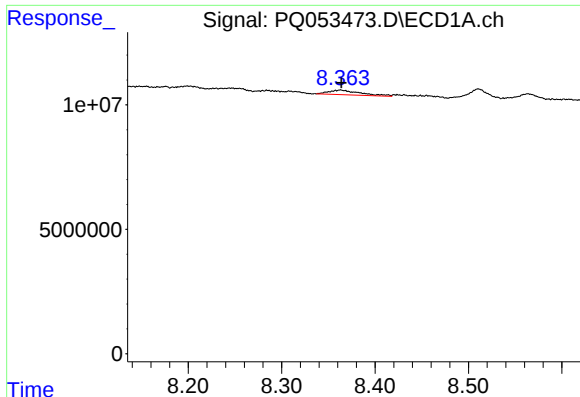
#28 AR-1254-3

R.T.: 8.066 min
Delta R.T.: -0.003 min
Response: 2284651
Conc: 1.46 ng/ml



#28 AR-1254-3

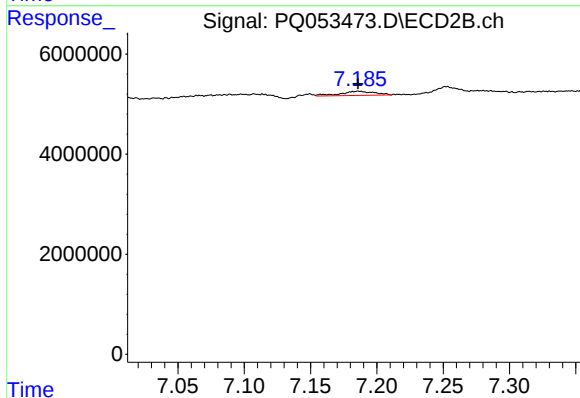
R.T.: 0.000 min
Exp R.T.: 6.947 min
Response: 0
Conc: N.D.



#29 AR-1254-4

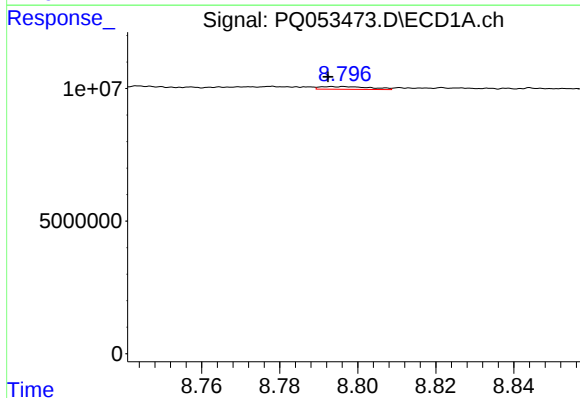
R.T.: 8.363 min
Delta R.T.: -0.001 min
Response: 4360761
Conc: 3.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



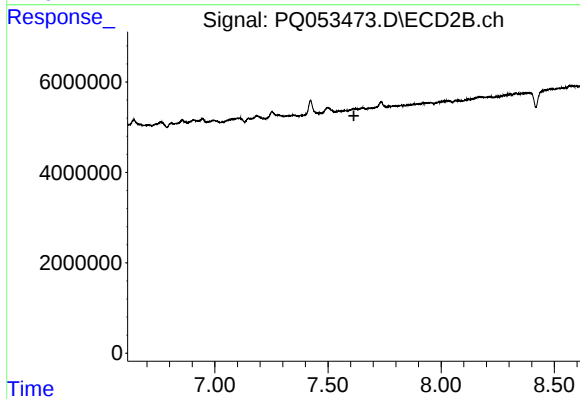
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 1510942
Conc: 2.43 ng/ml



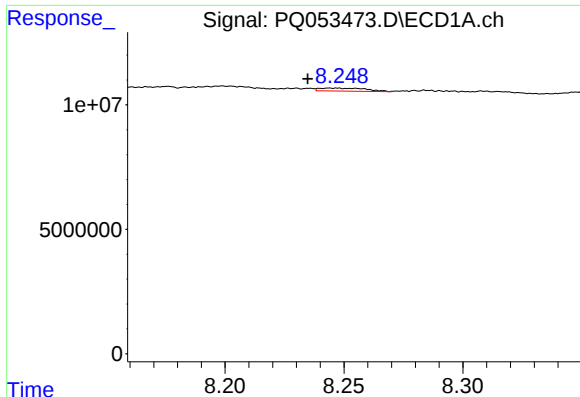
#30 AR-1254-5

R.T.: 8.796 min
Delta R.T.: 0.004 min
Response: 908216
Conc: 0.71 ng/ml



#30 AR-1254-5

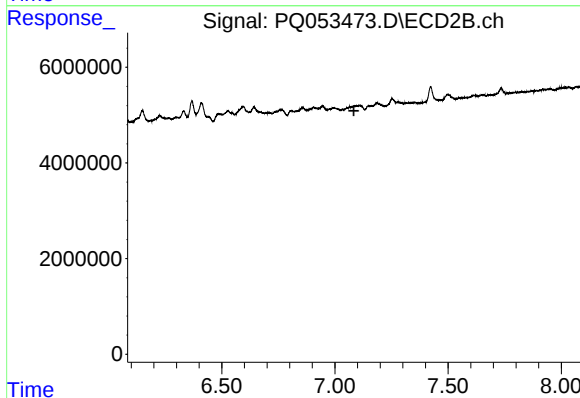
R.T.: 0.000 min
Exp R.T.: 7.614 min
Response: 0
Conc: N.D.



#31 AR-1260-1

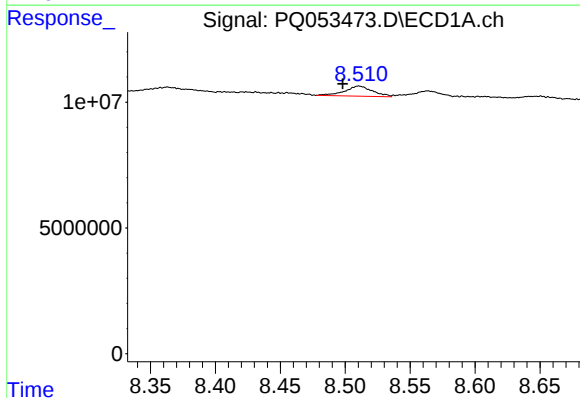
R.T.: 8.245 min
Delta R.T.: 0.010 min
Response: 1648665
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



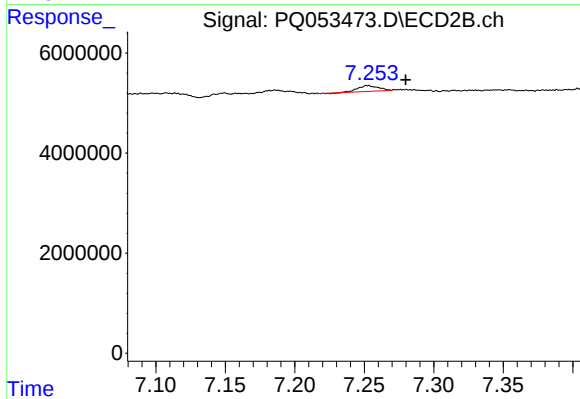
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.084 min
Response: 0
Conc: N.D.



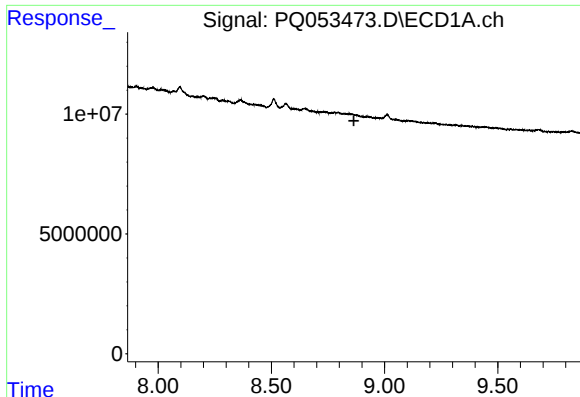
#32 AR-1260-2

R.T.: 8.511 min
Delta R.T.: 0.012 min
Response: 5945832
Conc: 3.46 ng/ml



#32 AR-1260-2

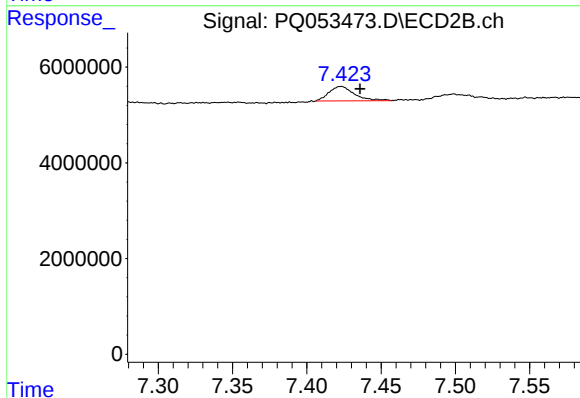
R.T.: 7.253 min
Delta R.T.: -0.027 min
Response: 1121731
Conc: 0.99 ng/ml



#33 AR-1260-3

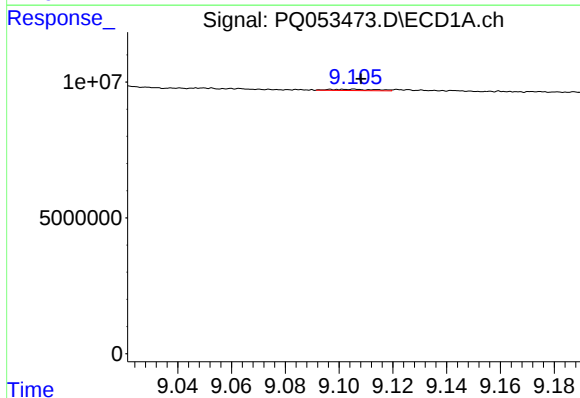
R.T.: 0.000 min
Exp R.T.: 8.864 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



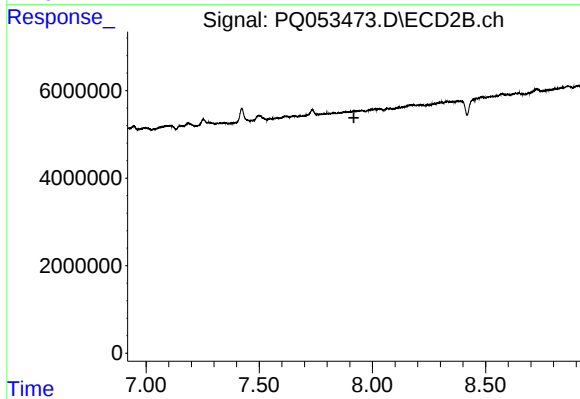
#33 AR-1260-3

R.T.: 7.423 min
Delta R.T.: -0.013 min
Response: 3601410
Conc: 3.78 ng/ml



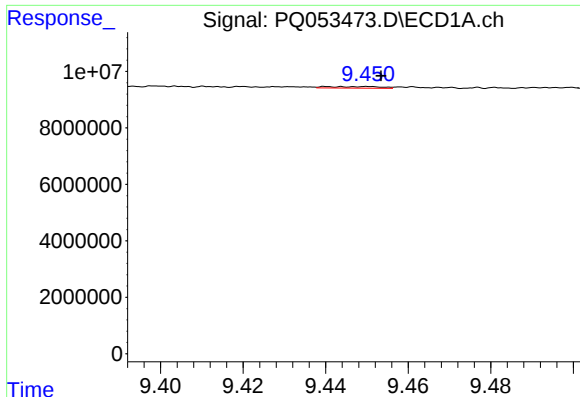
#34 AR-1260-4

R.T.: 9.106 min
Delta R.T.: -0.003 min
Response: 561974
Conc: 0.44 ng/ml



#34 AR-1260-4

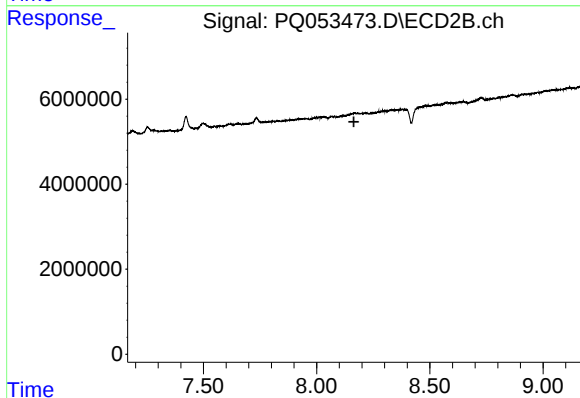
R.T.: 0.000 min
Exp R.T.: 7.918 min
Response: 0
Conc: N.D.



#35 AR-1260-5

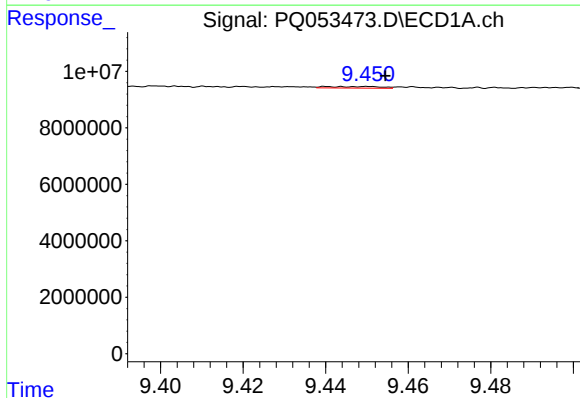
R.T.: 9.450 min
Delta R.T.: -0.003 min
Response: 502609
Conc: 0.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



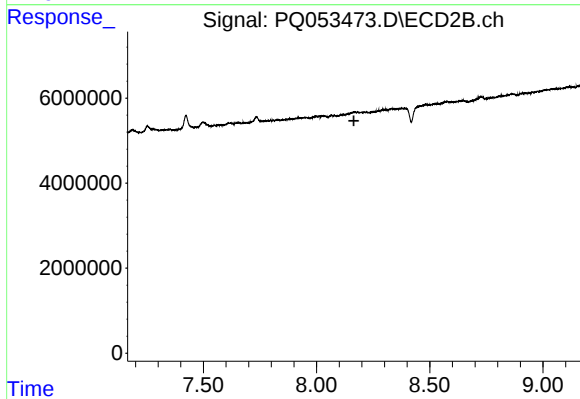
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.165 min
Response: 0
Conc: N.D.



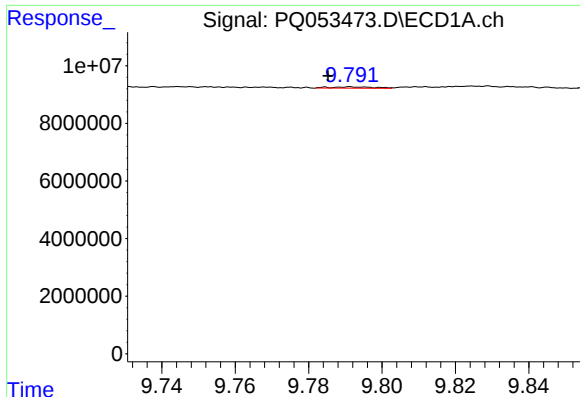
#37 AR-1262-2

R.T.: 9.450 min
Delta R.T.: -0.004 min
Response: 502609
Conc: 0.17 ng/ml



#37 AR-1262-2

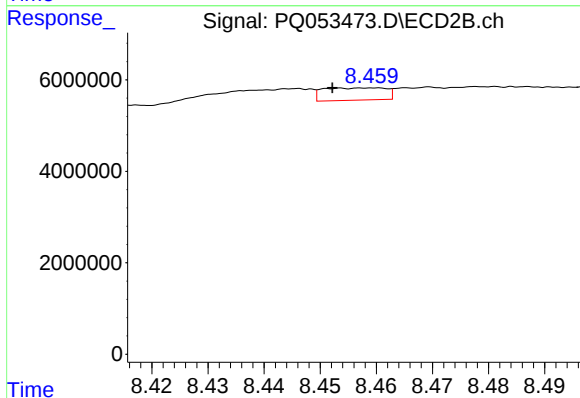
R.T.: 0.000 min
Exp R.T. : 8.165 min
Response: 0
Conc: N.D.



#38 AR-1262-3

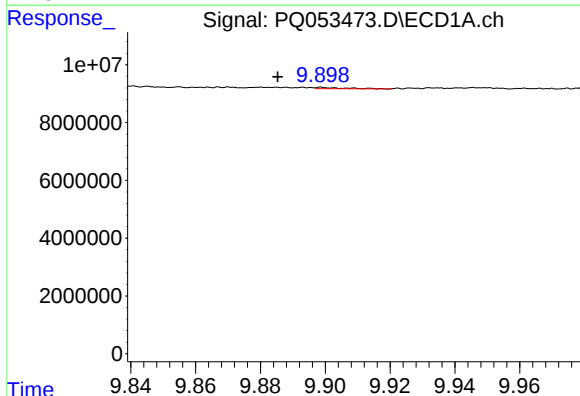
R.T.: 9.791 min
Delta R.T.: 0.006 min
Response: 389497
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



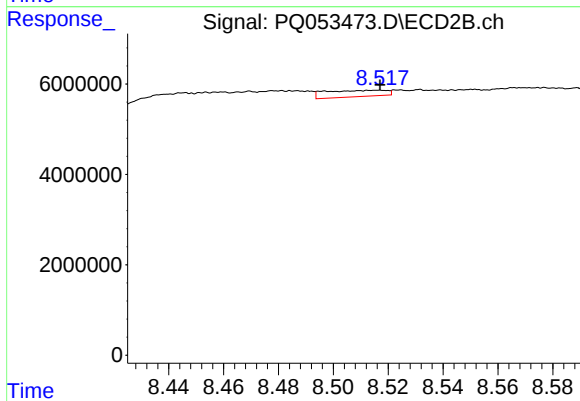
#38 AR-1262-3

R.T.: 8.454 min
Delta R.T.: 0.002 min
Response: 2100504
Conc: 2.49 ng/ml



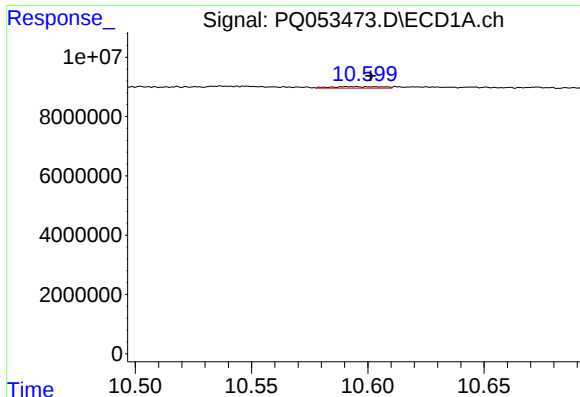
#39 AR-1262-4

R.T.: 9.899 min
Delta R.T.: 0.013 min
Response: 291140
Conc: 0.17 ng/ml



#39 AR-1262-4

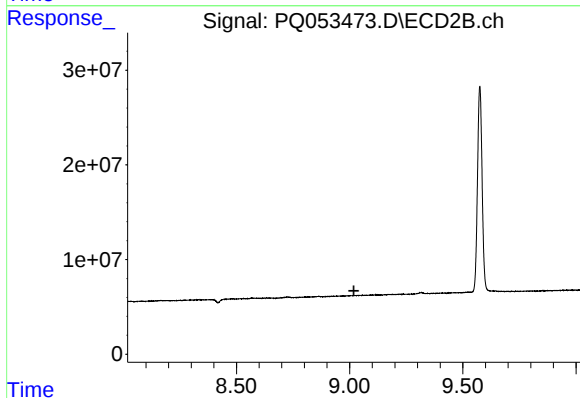
R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 2174049
Conc: 1.53 ng/ml



#40 AR-1262-5

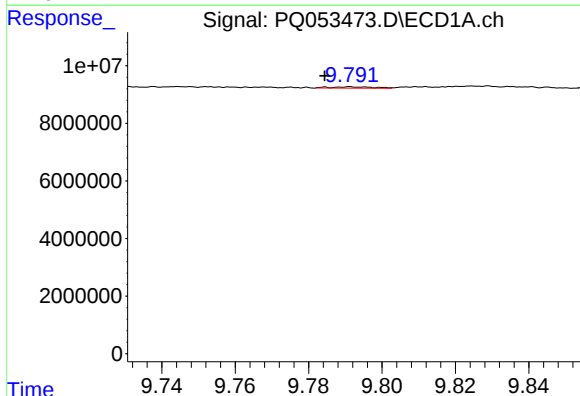
R.T.: 10.591 min
Delta R.T.: -0.010 min
Response: 770621
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



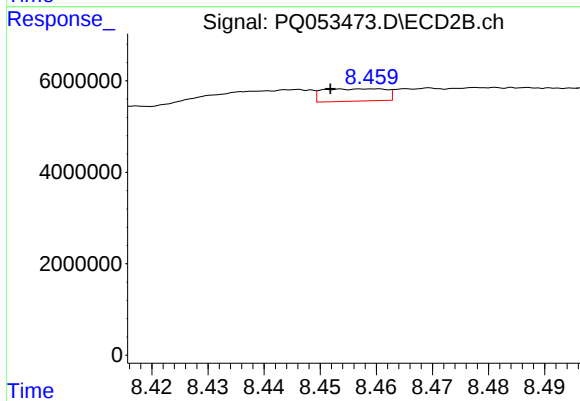
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.019 min
Response: 0
Conc: N.D.



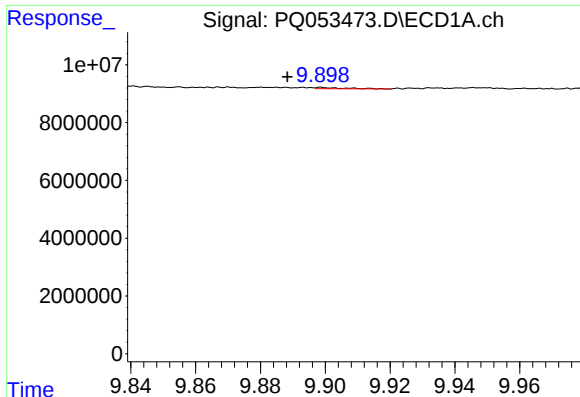
#41 AR-1268-1

R.T.: 9.791 min
Delta R.T.: 0.007 min
Response: 389497
Conc: 0.11 ng/ml



#41 AR-1268-1

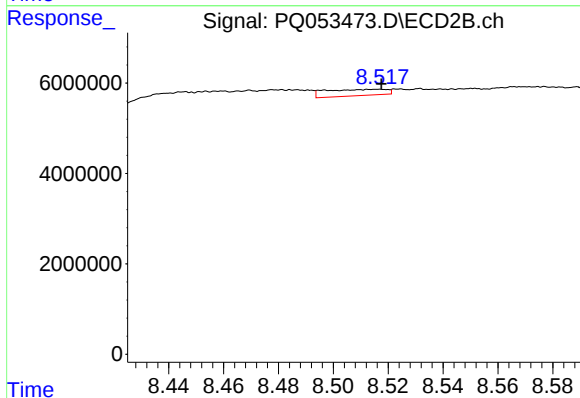
R.T.: 8.454 min
Delta R.T.: 0.002 min
Response: 2100504
Conc: 0.91 ng/ml



#42 AR-1268-2

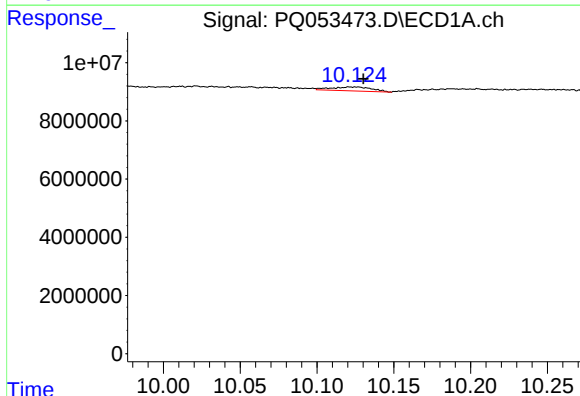
R.T.: 9.899 min
Delta R.T.: 0.010 min
Response: 291140
Conc: 0.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



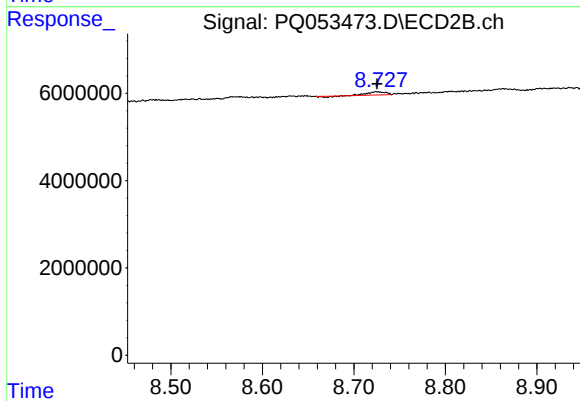
#42 AR-1268-2

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 2174049
Conc: 1.12 ng/ml



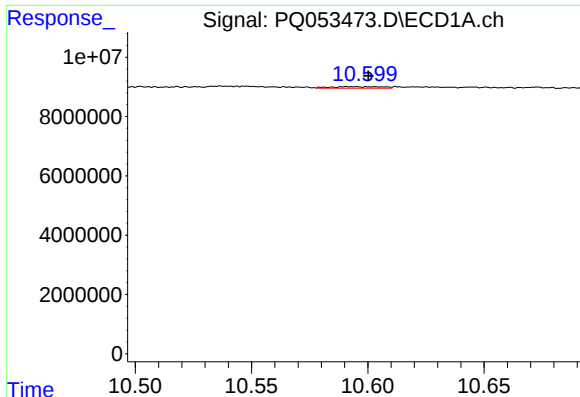
#43 AR-1268-3

R.T.: 10.122 min
Delta R.T.: -0.009 min
Response: 2515346
Conc: 0.86 ng/ml



#43 AR-1268-3

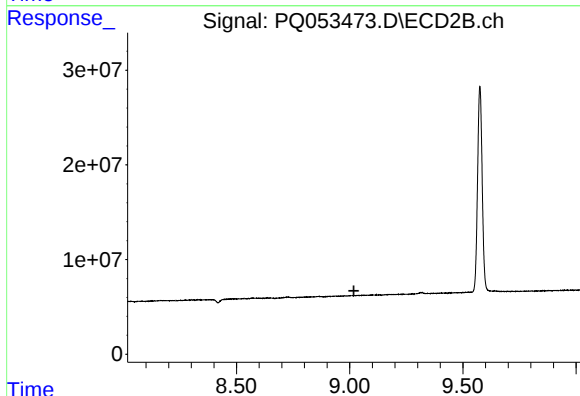
R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 965742
Conc: 0.57 ng/ml



#44 AR-1268-4

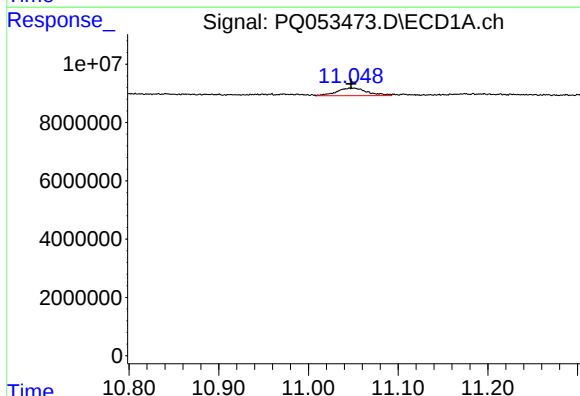
R.T.: 10.591 min
Delta R.T.: -0.009 min
Response: 770621
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



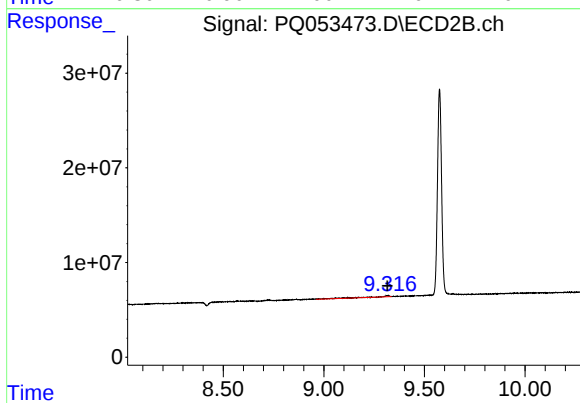
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.018 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.048 min
Delta R.T.: 0.000 min
Response: 6246773
Conc: 0.67 ng/ml



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: 0.000 min
Response: 5724438
Conc: 1.18 ng/ml