

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 18:58
 Operator : DD\AJ
 Sample : M2262-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:55:57 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	578.6E6	248.6E6	20.041	19.291
2)	SA Decachlor...	11.411	9.576	641.2E6	299.8E6	21.470	21.117
Target Compounds							
3)	L1 AR-1016-1	6.548	5.496	10768573	6896201	10.875	15.152 #
4)	L1 AR-1016-2	6.571	5.516	21649044	10459722	14.061	15.437
5)	L1 AR-1016-3	6.639	5.709	15306666	6084585	16.714	17.578
6)	L1 AR-1016-4	6.747	5.758	13482354	5915380	18.295	20.912
7)	L1 AR-1016-5	7.059	5.989	17814040	9346283	24.697	25.891
8)	L2 AR-1221-1	5.467	0.000	5611007	0	19.232	N.D. #
9)	L2 AR-1221-2	5.577	4.593	27368954	5809216	128.858	57.918 #
10)	L2 AR-1221-3	5.660	4.684	26767332	6084202	38.353	18.657 #
11)	L3 AR-1232-1	5.660	4.684	26767332	6084202	51.946	25.652 #
12)	L3 AR-1232-2	6.247	5.516	34517831	10459722	123.958	41.350 #
13)	L3 AR-1232-3	6.571	5.709	21649044	6084585	36.874	47.853 #
14)	L3 AR-1232-4	6.747	5.804	13482354	6455912	49.395	57.557
15)	L3 AR-1232-5	6.839	5.989	14120994	9346283	71.005	76.048
16)	L4 AR-1242-1	6.548	5.496	10768573	6896201	15.408	21.486 #
17)	L4 AR-1242-2	6.571	5.516	21649044	10459722	19.983	22.140
18)	L4 AR-1242-3	6.639	5.709	15306666	6084585	23.572	25.006
19)	L4 AR-1242-4	6.747	5.804	13482354	6455912	25.752	27.245
20)	L4 AR-1242-5	7.528	6.369	33594960	11498756	57.552	36.046 #
21)	L5 AR-1248-1	6.548	5.496	10768573	6896201	20.692	28.528 #
22)	L5 AR-1248-2	6.839	5.758	14120994	5915380	18.625	17.152
23)	L5 AR-1248-3	7.059	5.804	17814040	6455912	20.744	18.405
24)	L5 AR-1248-4	7.488	5.989	21486353	9346283	22.088	21.870
25)	L5 AR-1248-5	7.528	6.411	33594960	10044614	34.365	23.685 #
26)	L6 AR-1254-1	7.458	6.369	29052290	11498756	29.844	16.988 #
27)	L6 AR-1254-2	7.696	6.527	17786206	5473493	11.784	8.791 #
28)	L6 AR-1254-3	8.070	6.948	8063590	2265640	5.160	2.282 #
29)	L6 AR-1254-4	8.361	7.187	8620521	3301140	7.432	5.316 #
30)	L6 AR-1254-5	8.789	0.000	2892631	0	2.246	N.D. #
31)	L7 AR-1260-1	8.247	7.097	4501597	3576980	3.305	4.434 #
32)	L7 AR-1260-2	8.511	7.284	5367329	507568	3.123	0.447 #
33)	L7 AR-1260-3	0.000	7.424	0	191707	N.D.	0.201 #
34)	L7 AR-1260-4	9.103	0.000	1693045	0	1.329	N.D. #
35)	L7 AR-1260-5	9.449	8.175	793444	969972	0.289	0.506 #
37)	L8 AR-1262-2	9.449	8.175	793444	969972	0.262	0.474 #
38)	L8 AR-1262-3	9.776	8.477f	558852	5944605	0.272	7.058 #
39)	L8 AR-1262-4	0.000	8.492f	0	605562	N.D.	0.427 #
40)	L8 AR-1262-5	10.601	9.049f	649620	5219900	0.571	8.466 #
41)	L9 AR-1268-1	9.776	8.477f	558852	5944605	0.159	2.566 #
42)	L9 AR-1268-2	0.000	8.492f	0	605562	N.D.	0.311 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 18:58
 Operator : DD\AJ
 Sample : M2262-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 20 Sample Multiplier: 1

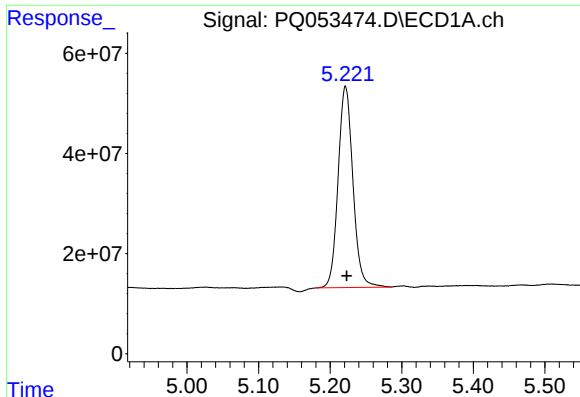
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:55:57 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	10.123	8.726	2077043	1611012	0.709	0.945 #
44)	L9 AR-1268-4	10.601	0.000	649620	0	0.564	N.D. #
45)	L9 AR-1268-5	11.044	9.318	5335982	4003479	0.571	0.827 #

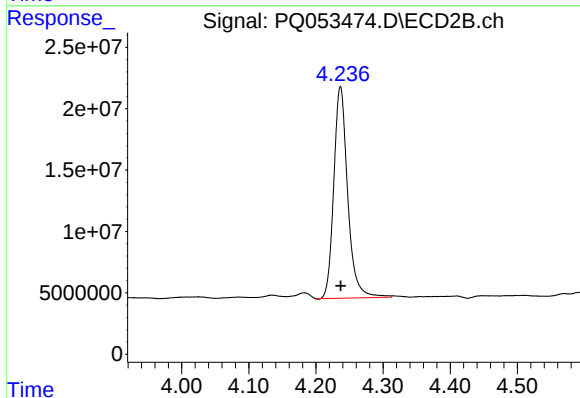
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

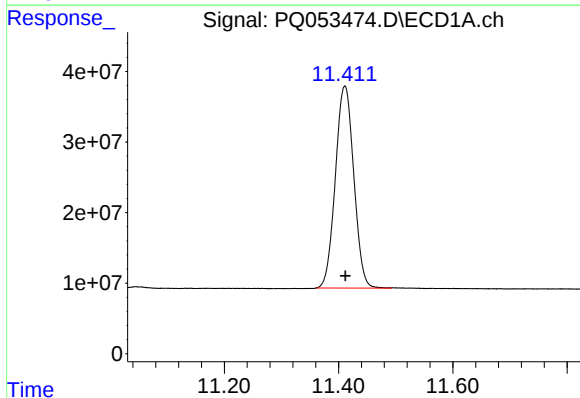
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 578586300
Conc: 20.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



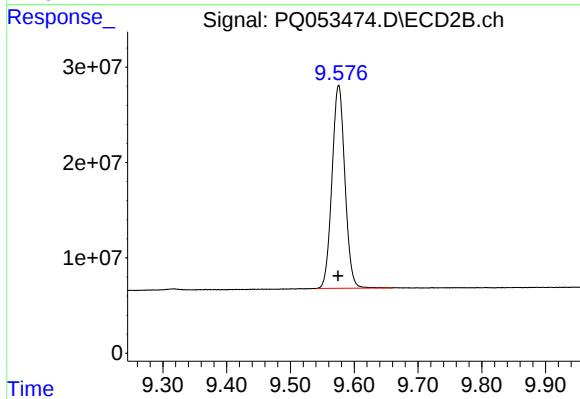
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 248556786
Conc: 19.29 ng/ml



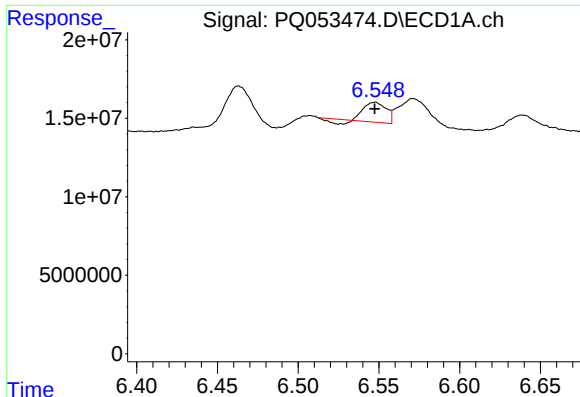
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: -0.001 min
Response: 641223592
Conc: 21.47 ng/ml



#2 Decachlorobiphenyl

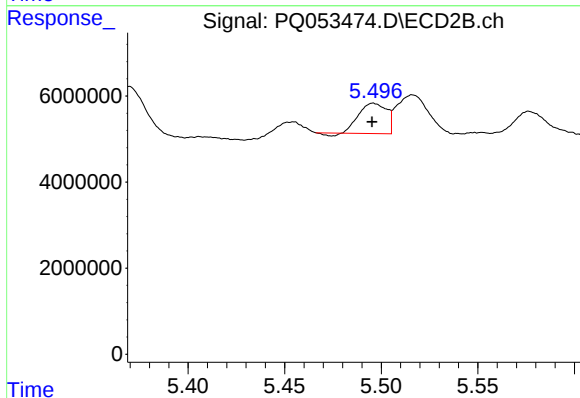
R.T.: 9.576 min
Delta R.T.: 0.000 min
Response: 299820431
Conc: 21.12 ng/ml



#3 AR-1016-1

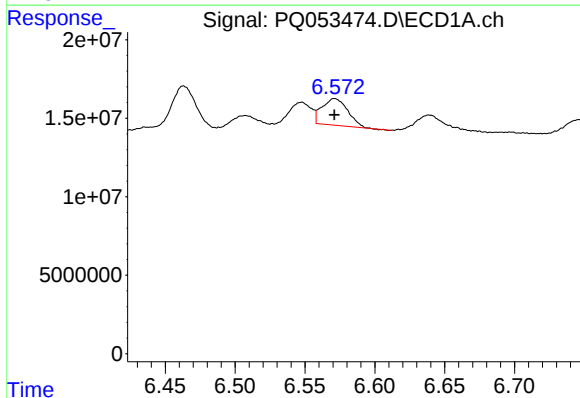
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 10768573
Conc: 10.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



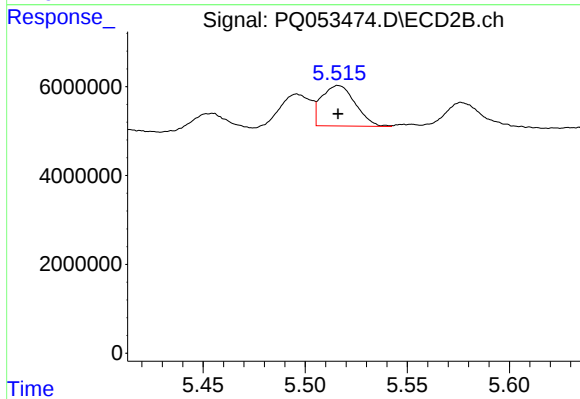
#3 AR-1016-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 6896201
Conc: 15.15 ng/ml



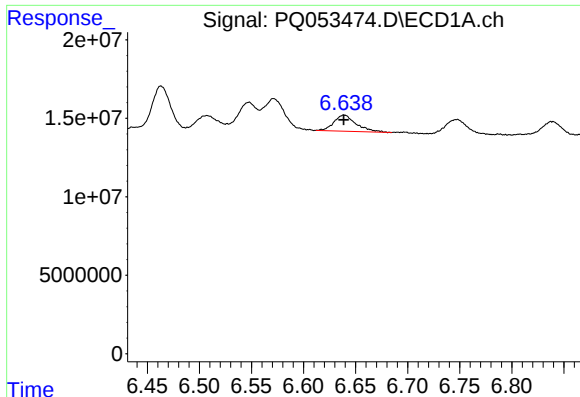
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 21649044
Conc: 14.06 ng/ml



#4 AR-1016-2

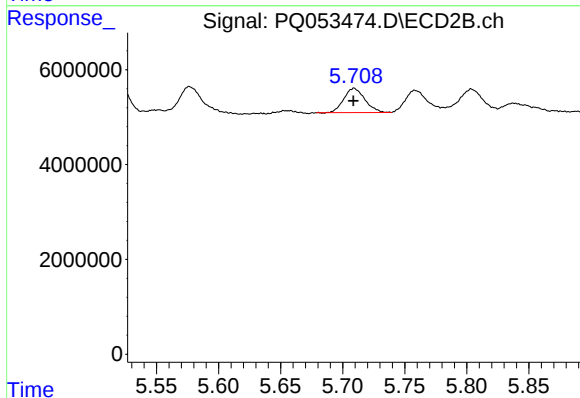
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 10459722
Conc: 15.44 ng/ml



#5 AR-1016-3

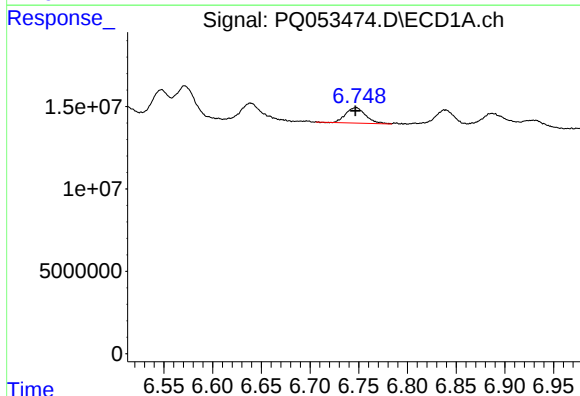
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 15306666
Conc: 16.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



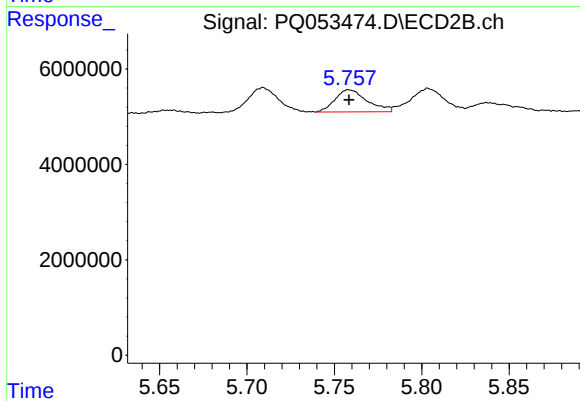
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 6084585
Conc: 17.58 ng/ml



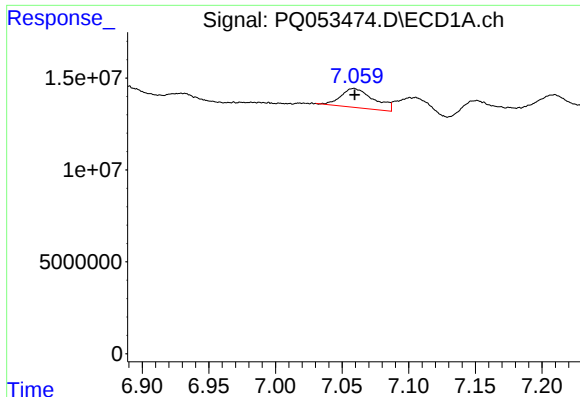
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 13482354
Conc: 18.30 ng/ml



#6 AR-1016-4

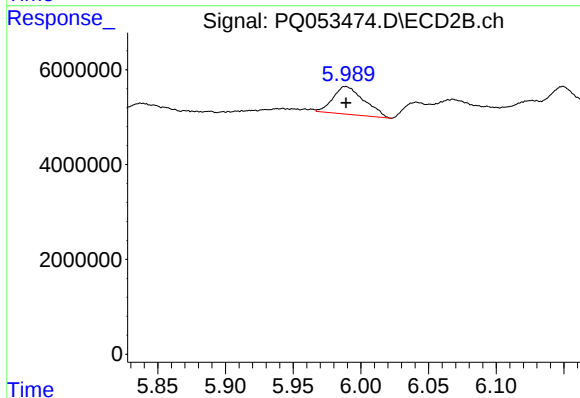
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 5915380
Conc: 20.91 ng/ml



#7 AR-1016-5

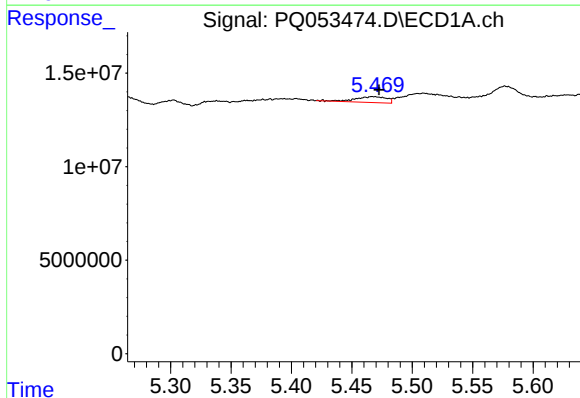
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 17814040
Conc: 24.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



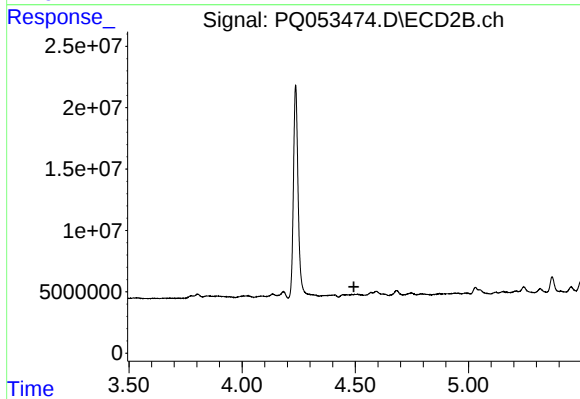
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 9346283
Conc: 25.89 ng/ml



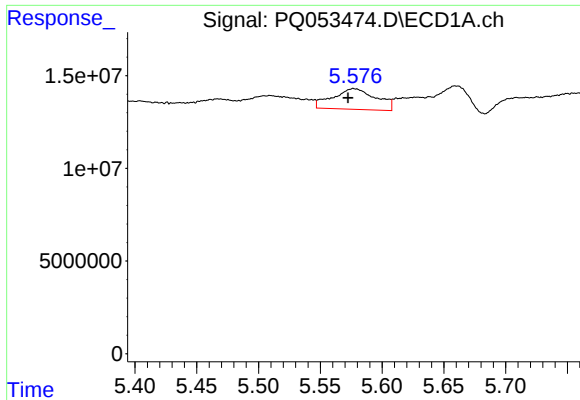
#8 AR-1221-1

R.T.: 5.467 min
Delta R.T.: -0.005 min
Response: 5611007
Conc: 19.23 ng/ml



#8 AR-1221-1

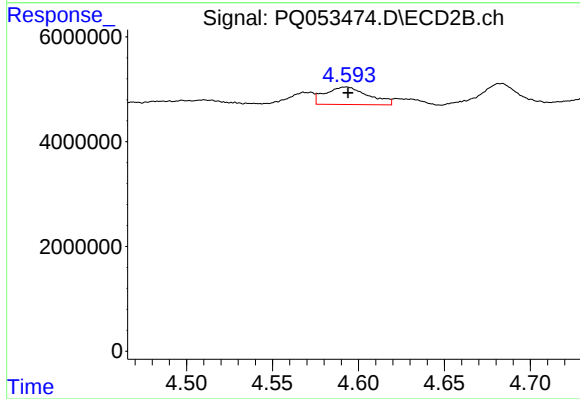
R.T.: 0.000 min
Exp R.T. : 4.494 min
Response: 0
Conc: N.D.



#9 AR-1221-2

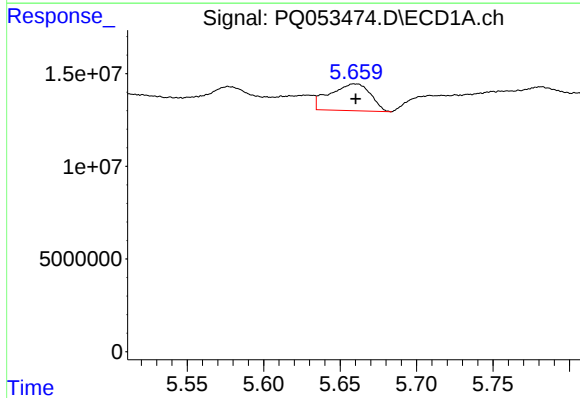
R.T.: 5.577 min
Delta R.T.: 0.005 min
Response: 27368954
Conc: 128.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



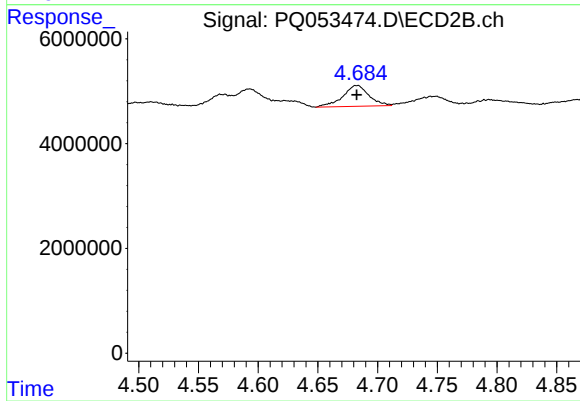
#9 AR-1221-2

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 5809216
Conc: 57.92 ng/ml



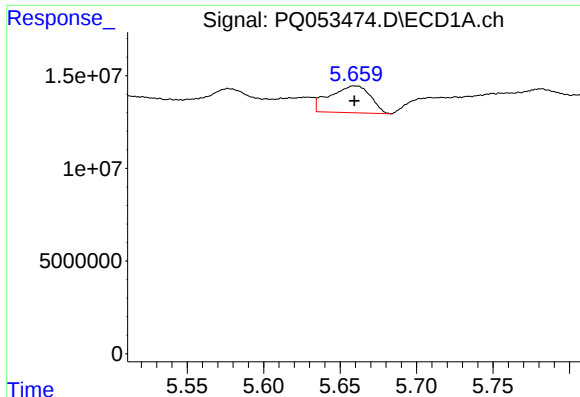
#10 AR-1221-3

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 26767332
Conc: 38.35 ng/ml



#10 AR-1221-3

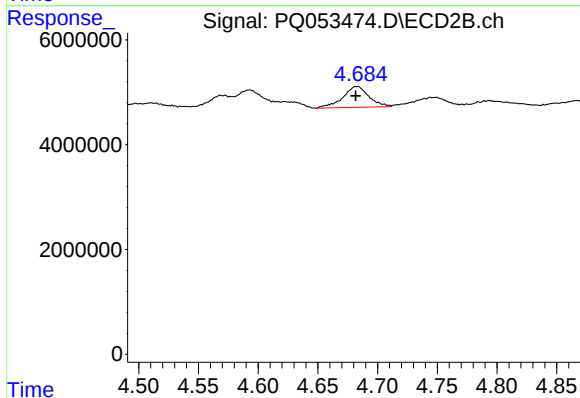
R.T.: 4.684 min
Delta R.T.: 0.001 min
Response: 6084202
Conc: 18.66 ng/ml



#11 AR-1232-1

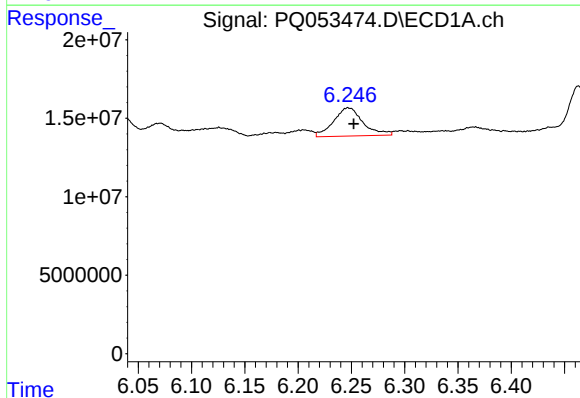
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 26767332
Conc: 51.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



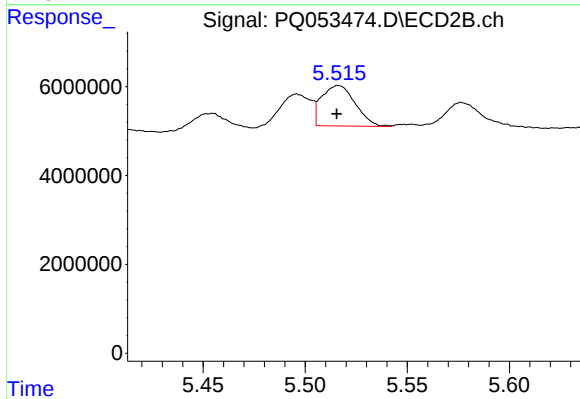
#11 AR-1232-1

R.T.: 4.684 min
Delta R.T.: 0.002 min
Response: 6084202
Conc: 25.65 ng/ml



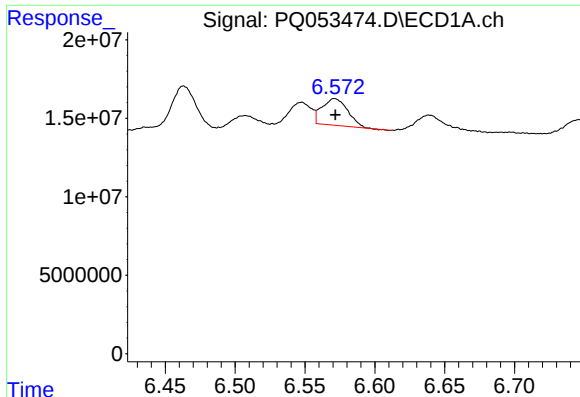
#12 AR-1232-2

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 34517831
Conc: 123.96 ng/ml



#12 AR-1232-2

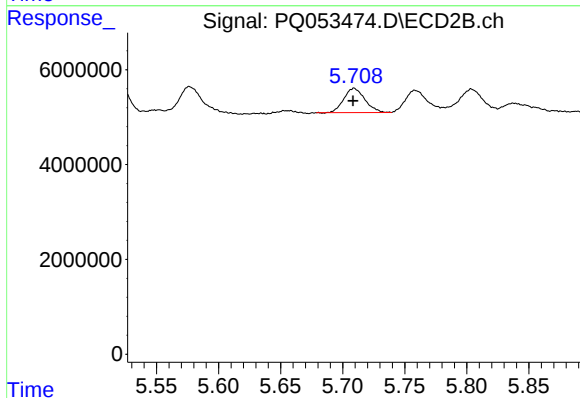
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 10459722
Conc: 41.35 ng/ml



#13 AR-1232-3

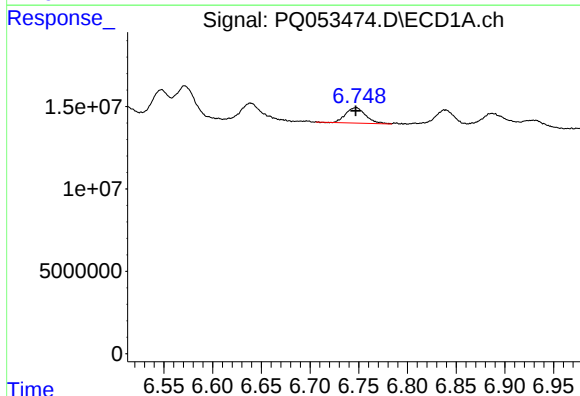
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 21649044
Conc: 36.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



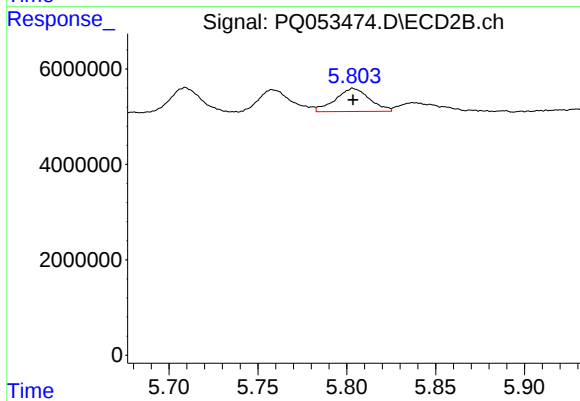
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 6084585
Conc: 47.85 ng/ml



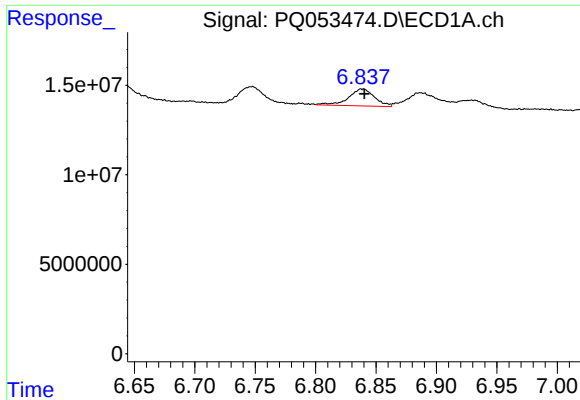
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 13482354
Conc: 49.40 ng/ml



#14 AR-1232-4

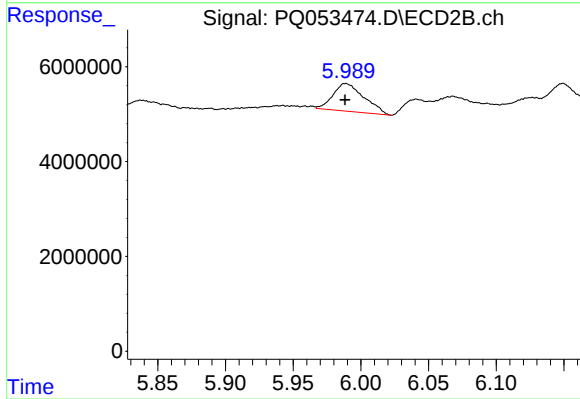
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 6455912
Conc: 57.56 ng/ml



#15 AR-1232-5

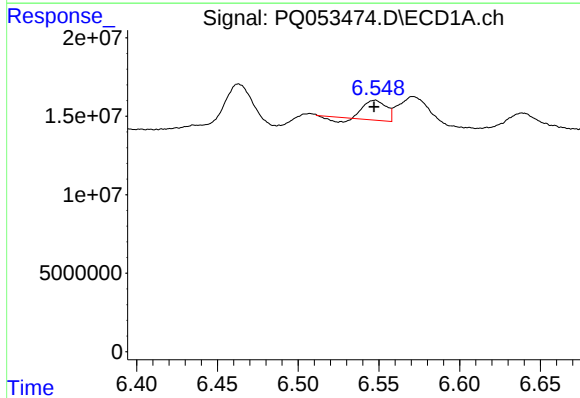
R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 14120994
Conc: 71.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



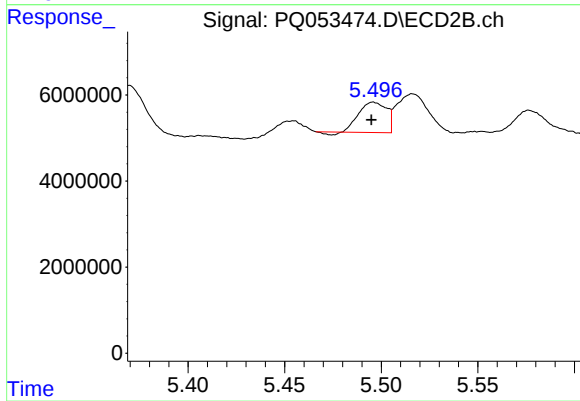
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 9346283
Conc: 76.05 ng/ml



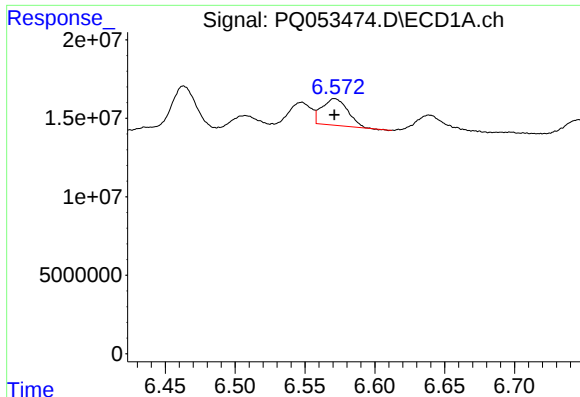
#16 AR-1242-1

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 10768573
Conc: 15.41 ng/ml



#16 AR-1242-1

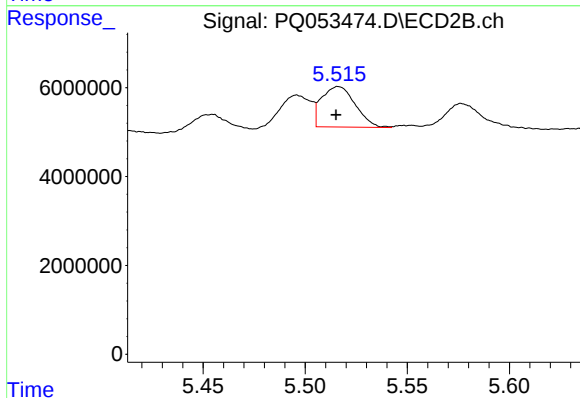
R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 6896201
Conc: 21.49 ng/ml



#17 AR-1242-2

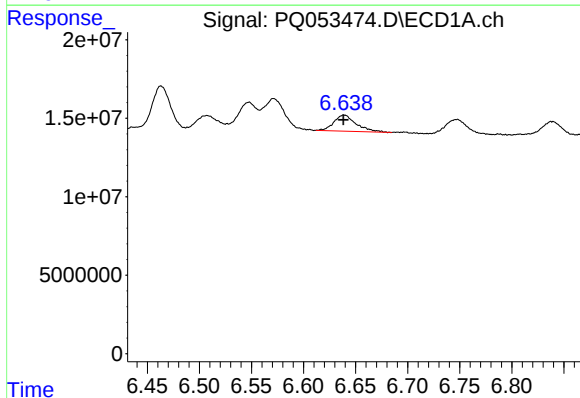
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 21649044
Conc: 19.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



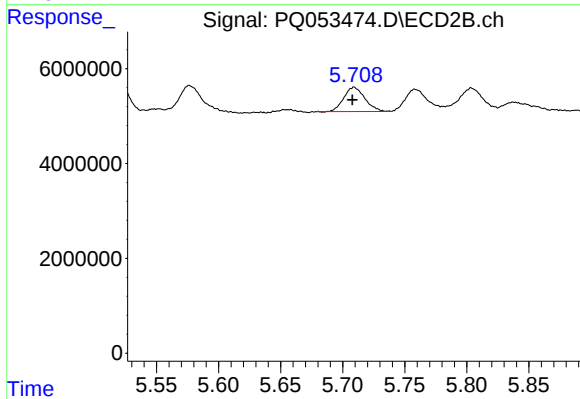
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.001 min
Response: 10459722
Conc: 22.14 ng/ml



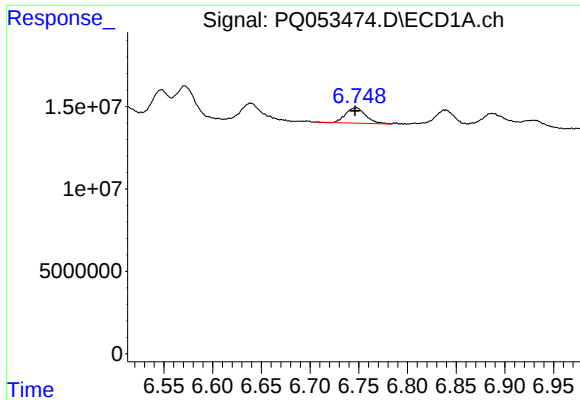
#18 AR-1242-3

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 15306666
Conc: 23.57 ng/ml



#18 AR-1242-3

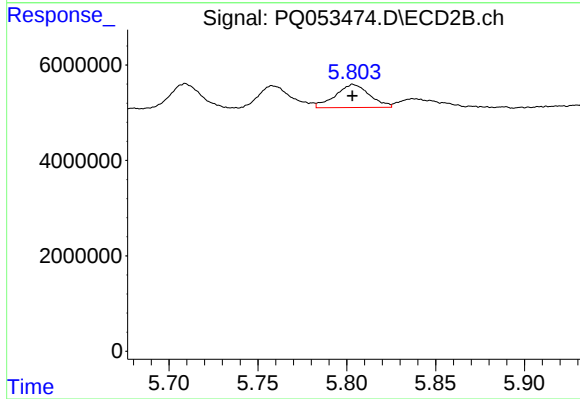
R.T.: 5.709 min
Delta R.T.: 0.002 min
Response: 6084585
Conc: 25.01 ng/ml



#19 AR-1242-4

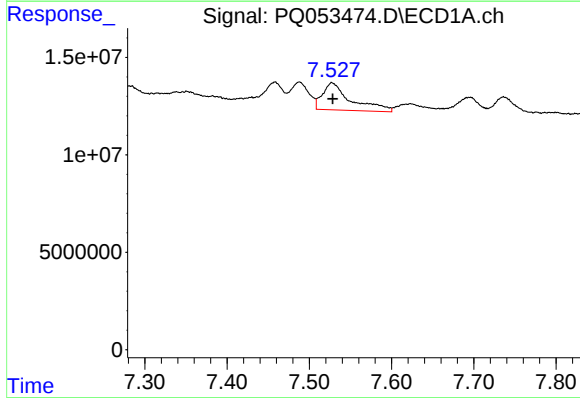
R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 13482354
Conc: 25.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



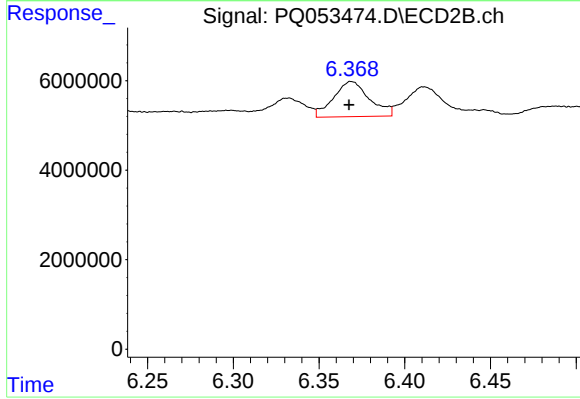
#19 AR-1242-4

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 6455912
Conc: 27.25 ng/ml



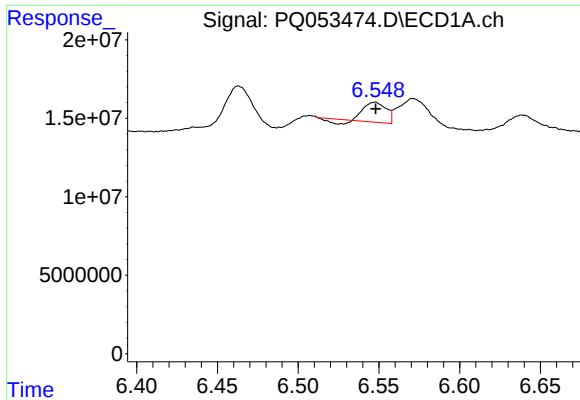
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 33594960
Conc: 57.55 ng/ml



#20 AR-1242-5

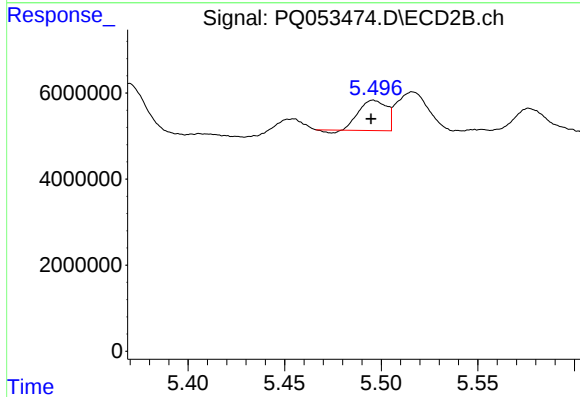
R.T.: 6.369 min
Delta R.T.: 0.001 min
Response: 11498756
Conc: 36.05 ng/ml



#21 AR-1248-1

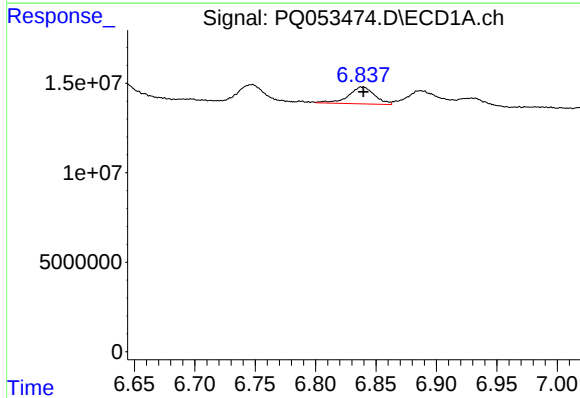
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 10768573
Conc: 20.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



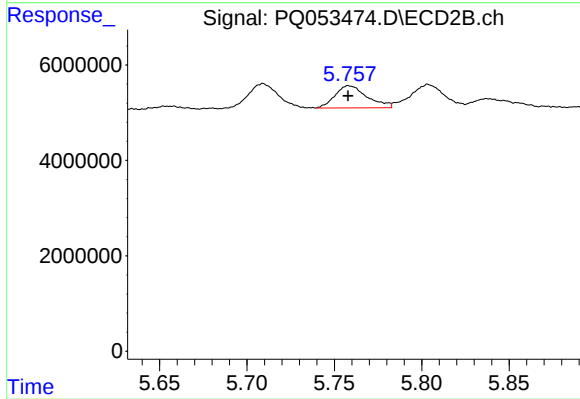
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.001 min
Response: 6896201
Conc: 28.53 ng/ml



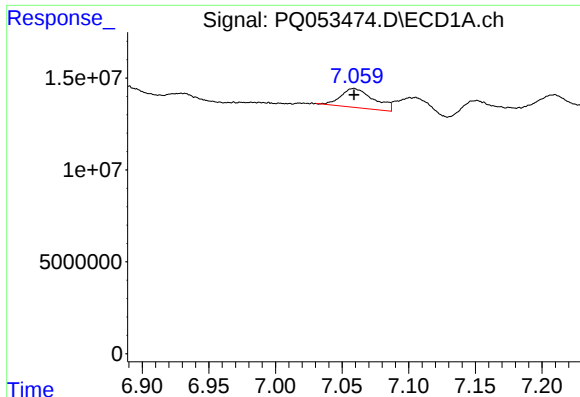
#22 AR-1248-2

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 14120994
Conc: 18.63 ng/ml



#22 AR-1248-2

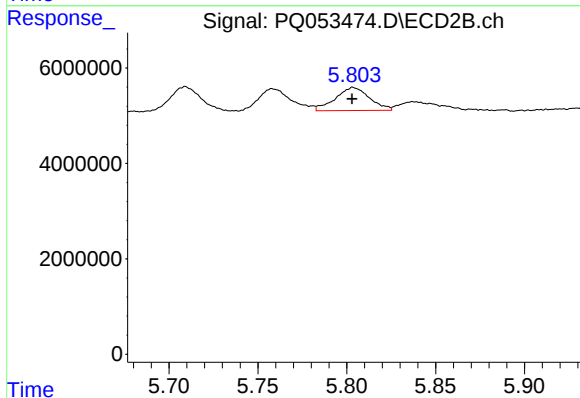
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 5915380
Conc: 17.15 ng/ml



#23 AR-1248-3

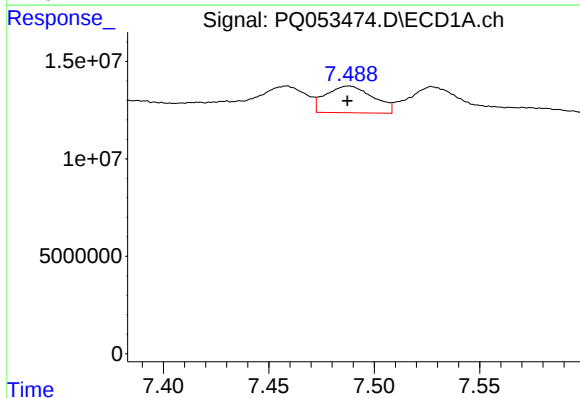
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 17814040
Conc: 20.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



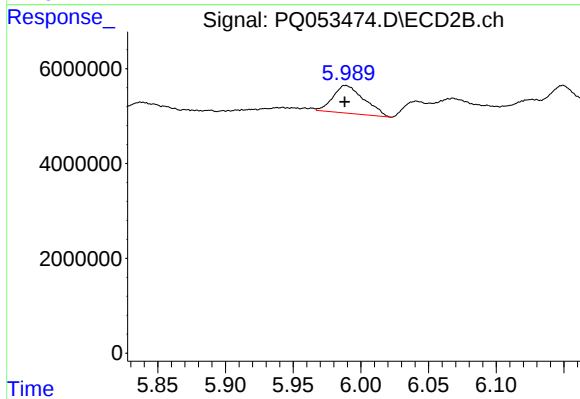
#23 AR-1248-3

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 6455912
Conc: 18.41 ng/ml



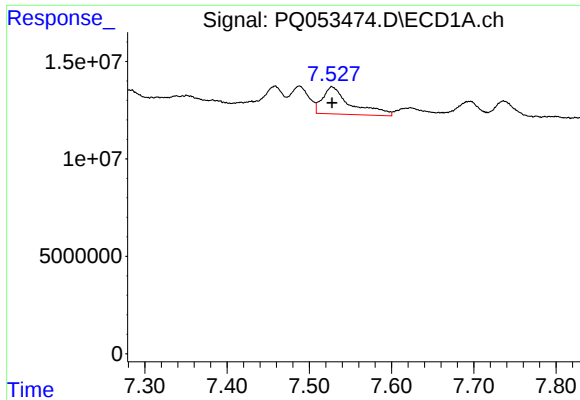
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 21486353
Conc: 22.09 ng/ml



#24 AR-1248-4

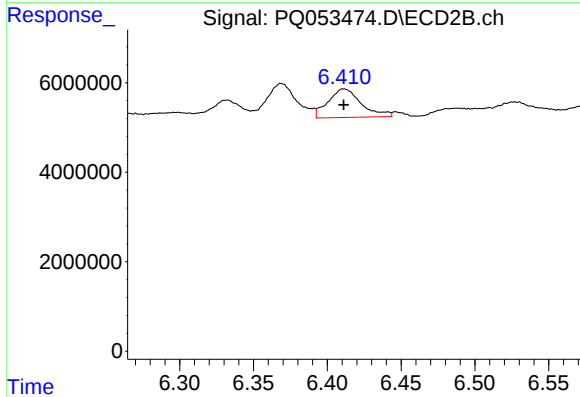
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 9346283
Conc: 21.87 ng/ml



#25 AR-1248-5

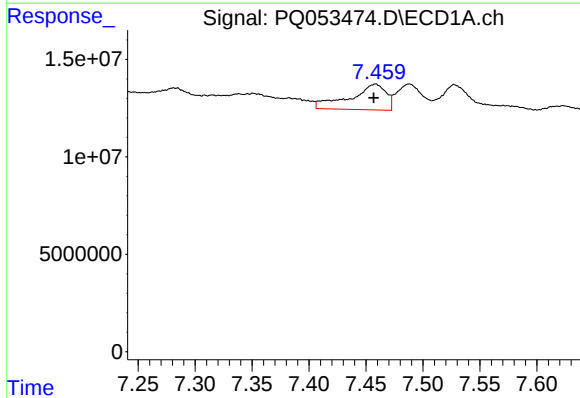
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 33594960
Conc: 34.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



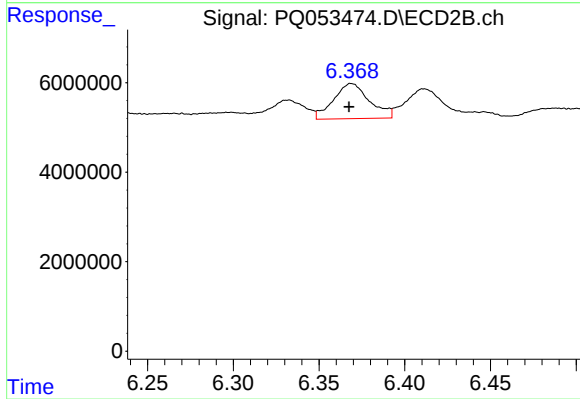
#25 AR-1248-5

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 10044614
Conc: 23.68 ng/ml



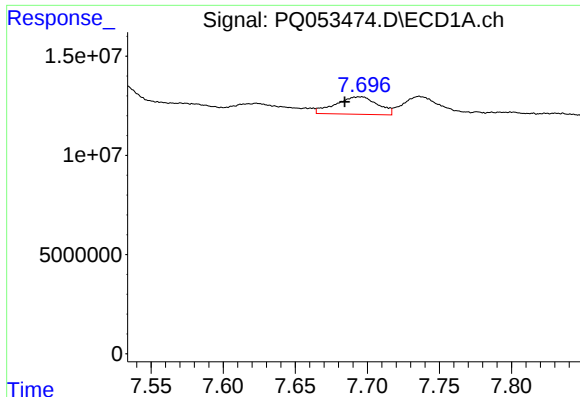
#26 AR-1254-1

R.T.: 7.458 min
Delta R.T.: 0.001 min
Response: 29052290
Conc: 29.84 ng/ml



#26 AR-1254-1

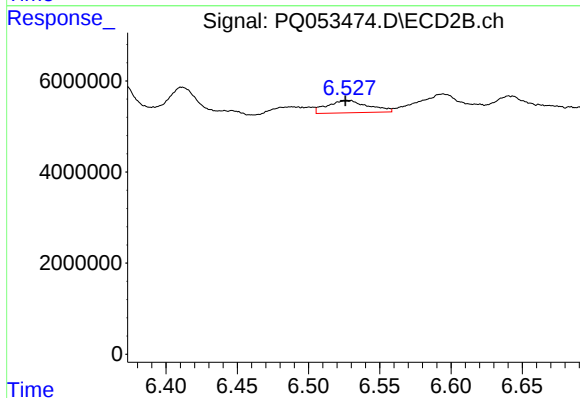
R.T.: 6.369 min
Delta R.T.: 0.001 min
Response: 11498756
Conc: 16.99 ng/ml



#27 AR-1254-2

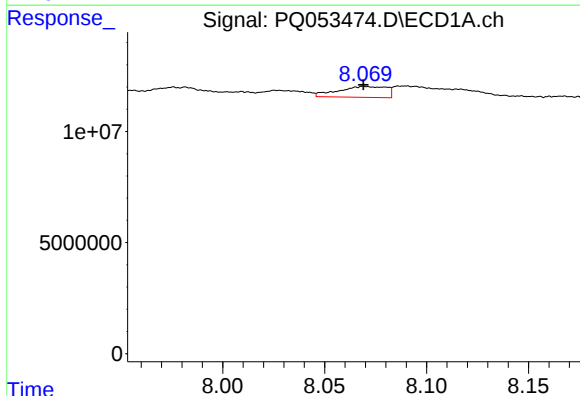
R.T.: 7.696 min
Delta R.T.: 0.011 min
Response: 17786206
Conc: 11.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



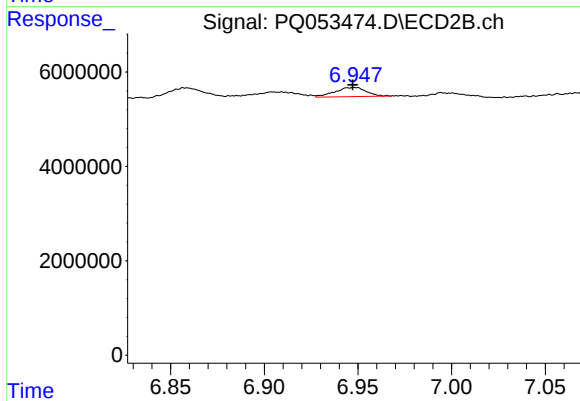
#27 AR-1254-2

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 5473493
Conc: 8.79 ng/ml



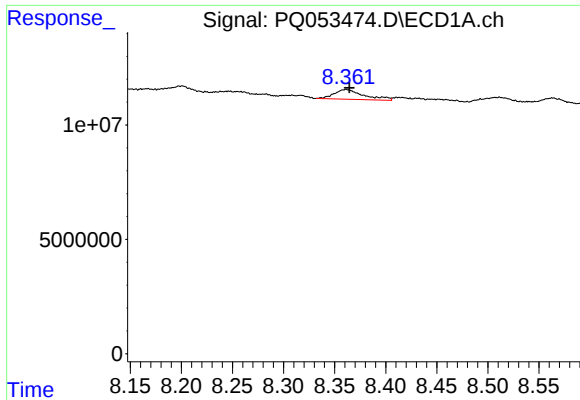
#28 AR-1254-3

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 8063590
Conc: 5.16 ng/ml



#28 AR-1254-3

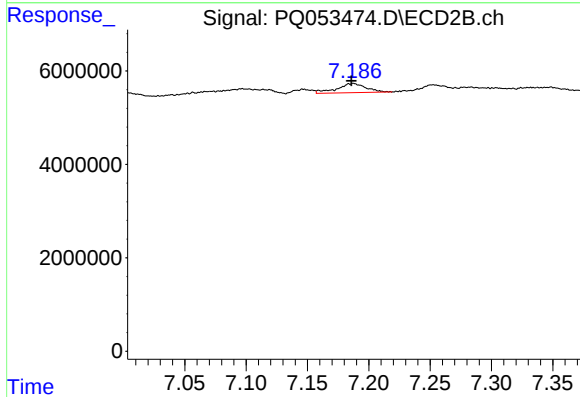
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 2265640
Conc: 2.28 ng/ml



#29 AR-1254-4

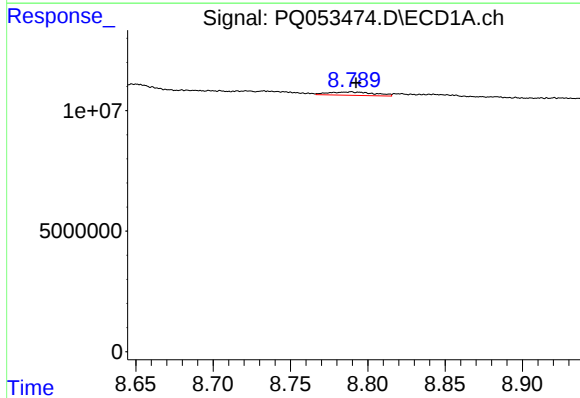
R.T.: 8.361 min
Delta R.T.: -0.003 min
Response: 8620521
Conc: 7.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



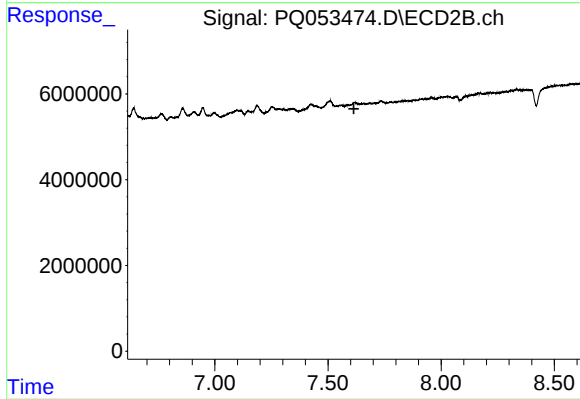
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.002 min
Response: 3301140
Conc: 5.32 ng/ml



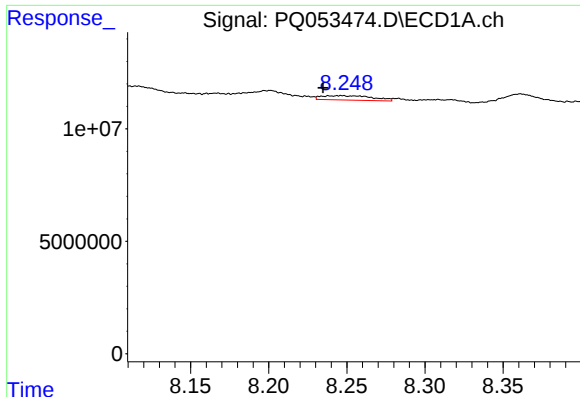
#30 AR-1254-5

R.T.: 8.789 min
Delta R.T.: -0.003 min
Response: 2892631
Conc: 2.25 ng/ml



#30 AR-1254-5

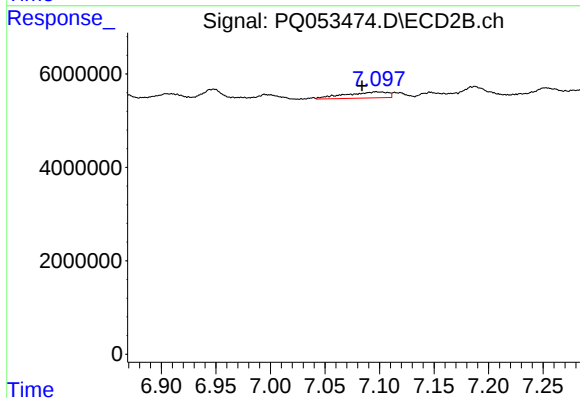
R.T.: 0.000 min
Exp R.T.: 7.614 min
Response: 0
Conc: N.D.



#31 AR-1260-1

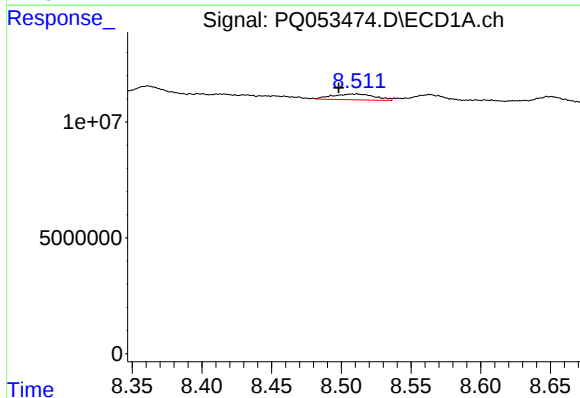
R.T.: 8.247 min
Delta R.T.: 0.012 min
Response: 4501597
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



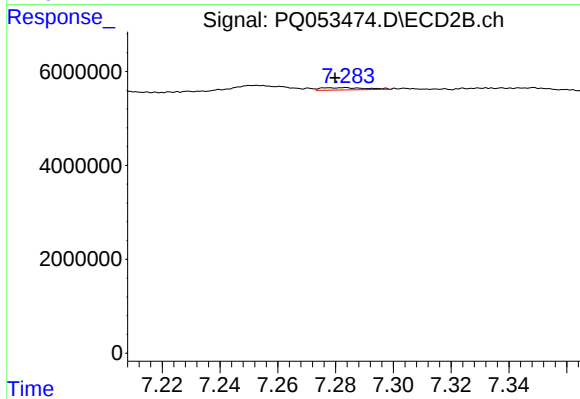
#31 AR-1260-1

R.T.: 7.097 min
Delta R.T.: 0.013 min
Response: 3576980
Conc: 4.43 ng/ml



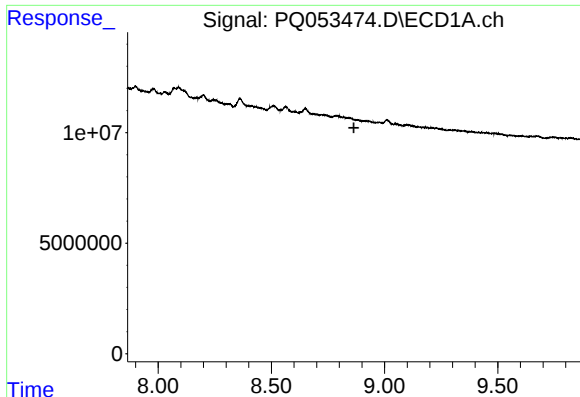
#32 AR-1260-2

R.T.: 8.511 min
Delta R.T.: 0.013 min
Response: 5367329
Conc: 3.12 ng/ml



#32 AR-1260-2

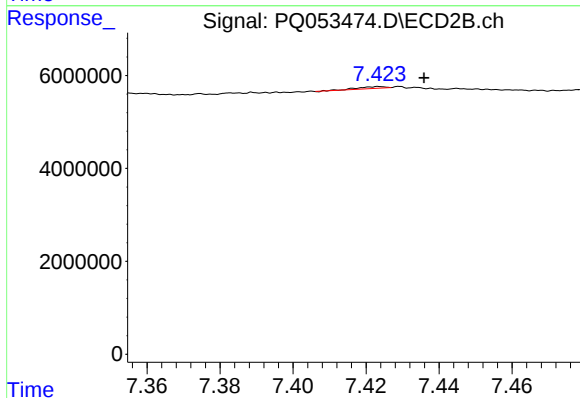
R.T.: 7.284 min
Delta R.T.: 0.004 min
Response: 507568
Conc: 0.45 ng/ml



#33 AR-1260-3

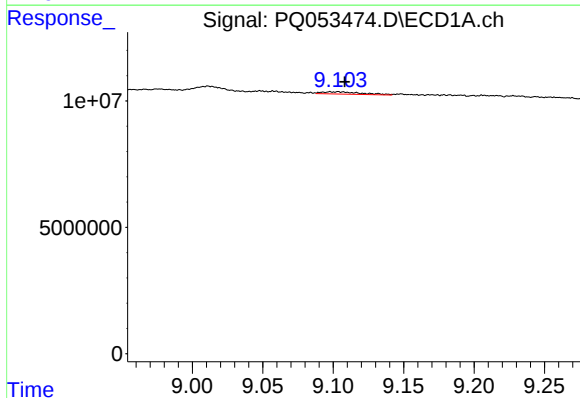
R.T.: 0.000 min
Exp R.T.: 8.864 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



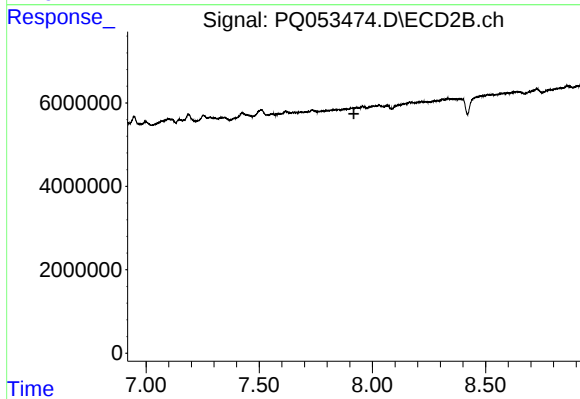
#33 AR-1260-3

R.T.: 7.424 min
Delta R.T.: -0.012 min
Response: 191707
Conc: 0.20 ng/ml



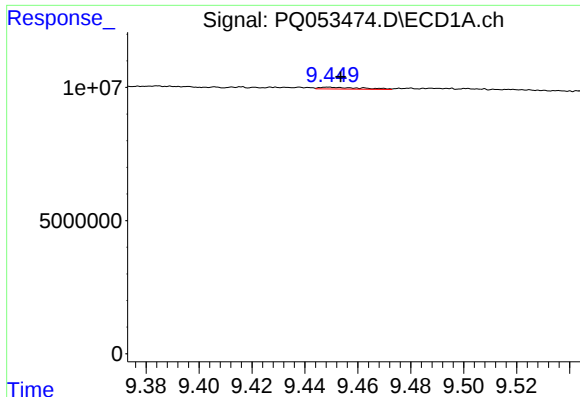
#34 AR-1260-4

R.T.: 9.103 min
Delta R.T.: -0.005 min
Response: 1693045
Conc: 1.33 ng/ml



#34 AR-1260-4

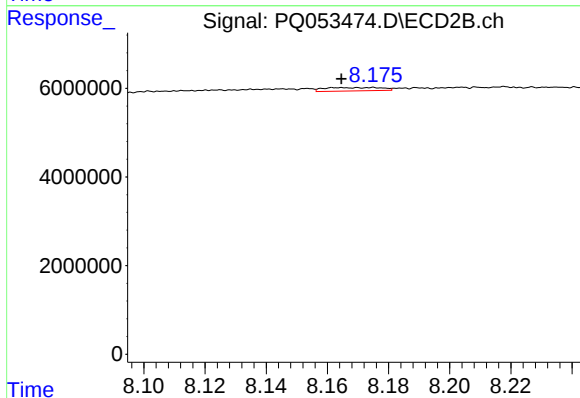
R.T.: 0.000 min
Exp R.T.: 7.918 min
Response: 0
Conc: N.D.



#35 AR-1260-5

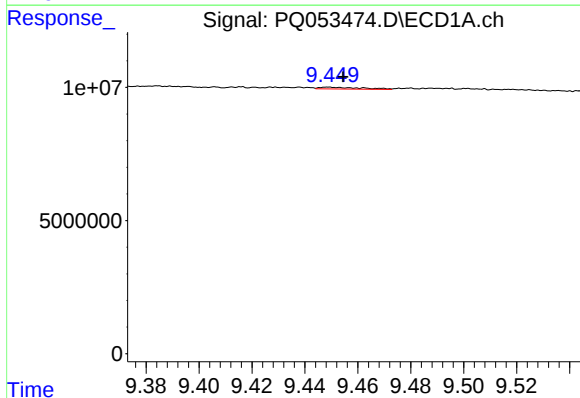
R.T.: 9.449 min
Delta R.T.: -0.005 min
Response: 793444
Conc: 0.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



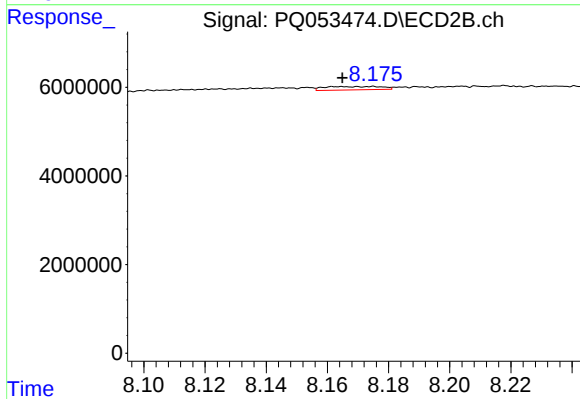
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: 0.011 min
Response: 969972
Conc: 0.51 ng/ml



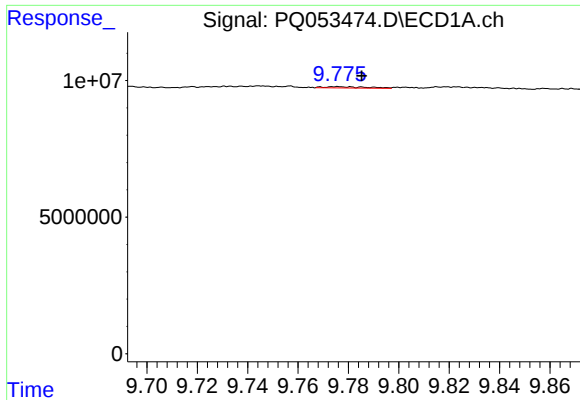
#37 AR-1262-2

R.T.: 9.449 min
Delta R.T.: -0.006 min
Response: 793444
Conc: 0.26 ng/ml



#37 AR-1262-2

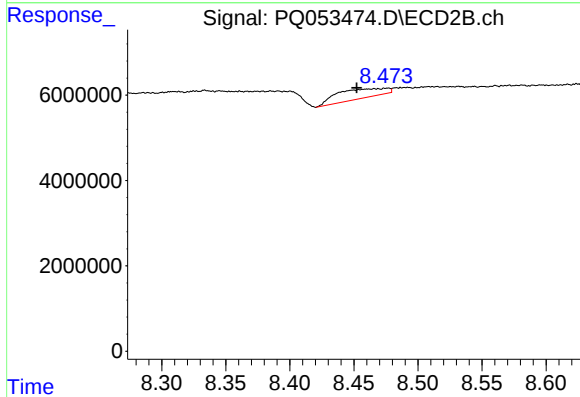
R.T.: 8.175 min
Delta R.T.: 0.010 min
Response: 969972
Conc: 0.47 ng/ml



#38 AR-1262-3

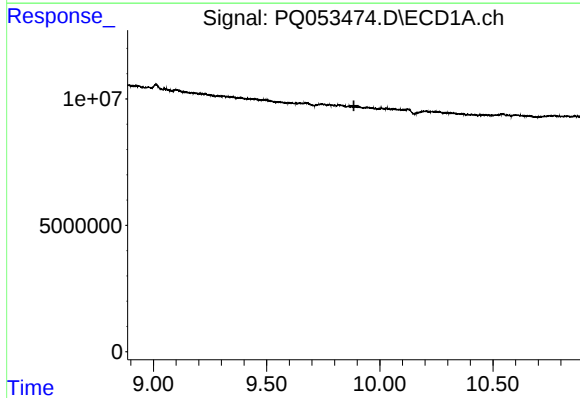
R.T.: 9.776 min
Delta R.T.: -0.010 min
Response: 558852
Conc: 0.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



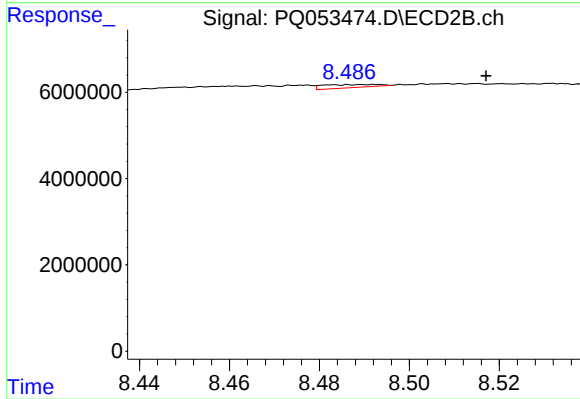
#38 AR-1262-3

R.T.: 8.477 min
Delta R.T.: 0.025 min
Response: 5944605
Conc: 7.06 ng/ml



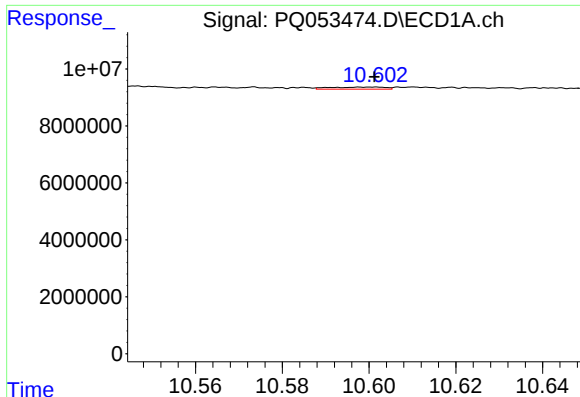
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.885 min
Response: 0
Conc: N.D.



#39 AR-1262-4

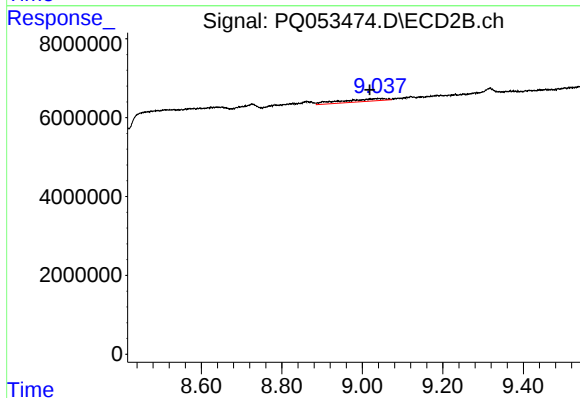
R.T.: 8.492 min
Delta R.T.: -0.025 min
Response: 605562
Conc: 0.43 ng/ml



#40 AR-1262-5

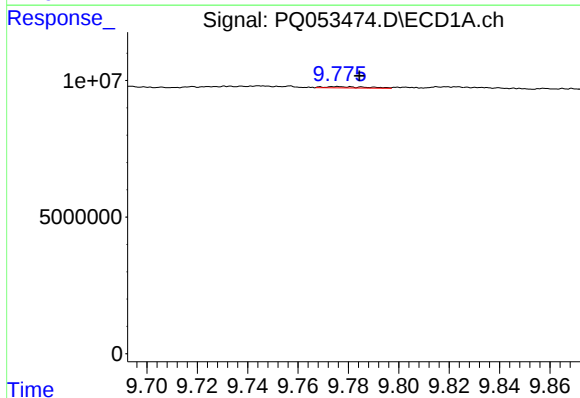
R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 649620
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



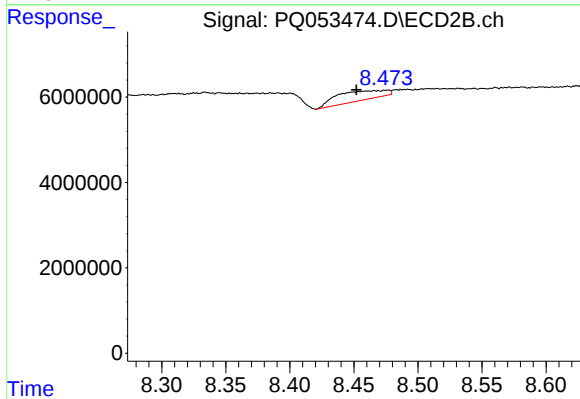
#40 AR-1262-5

R.T.: 9.049 min
Delta R.T.: 0.030 min
Response: 5219900
Conc: 8.47 ng/ml



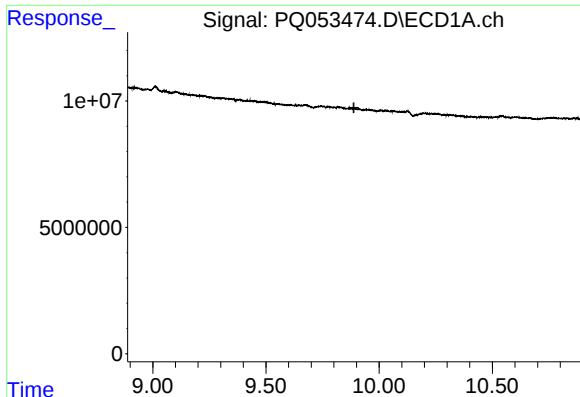
#41 AR-1268-1

R.T.: 9.776 min
Delta R.T.: -0.009 min
Response: 558852
Conc: 0.16 ng/ml



#41 AR-1268-1

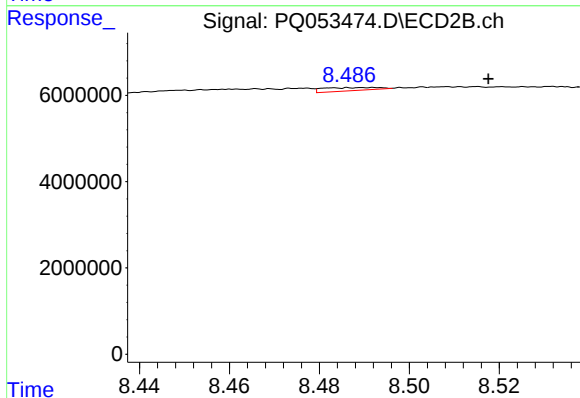
R.T.: 8.477 min
Delta R.T.: 0.025 min
Response: 5944605
Conc: 2.57 ng/ml



#42 AR-1268-2

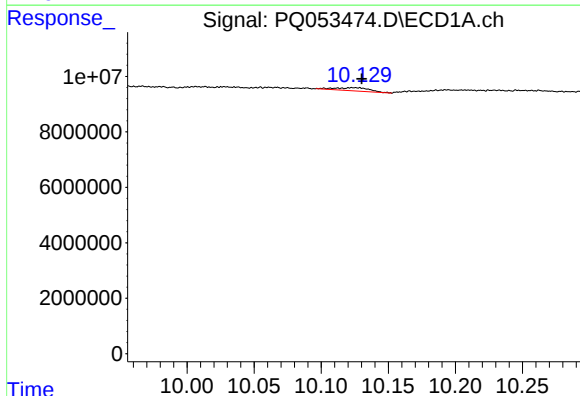
R.T.: 0.000 min
Exp R.T.: 9.888 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



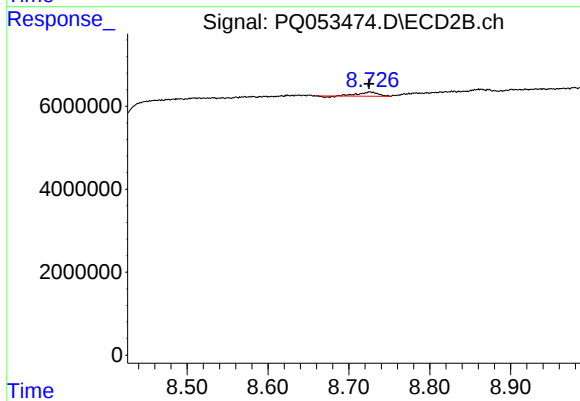
#42 AR-1268-2

R.T.: 8.492 min
Delta R.T.: -0.026 min
Response: 605562
Conc: 0.31 ng/ml



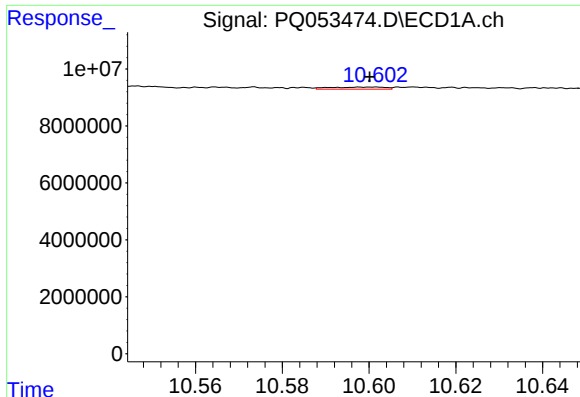
#43 AR-1268-3

R.T.: 10.123 min
Delta R.T.: -0.007 min
Response: 2077043
Conc: 0.71 ng/ml



#43 AR-1268-3

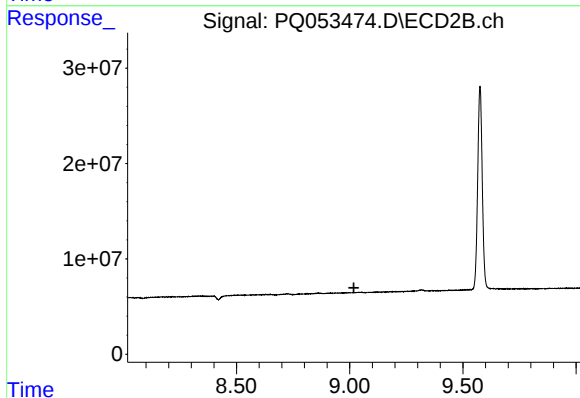
R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 1611012
Conc: 0.94 ng/ml



#44 AR-1268-4

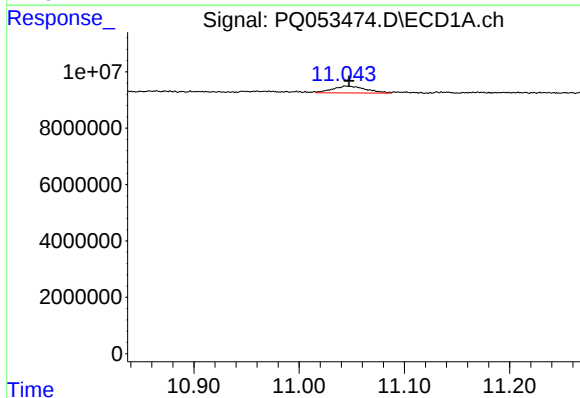
R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 649620
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



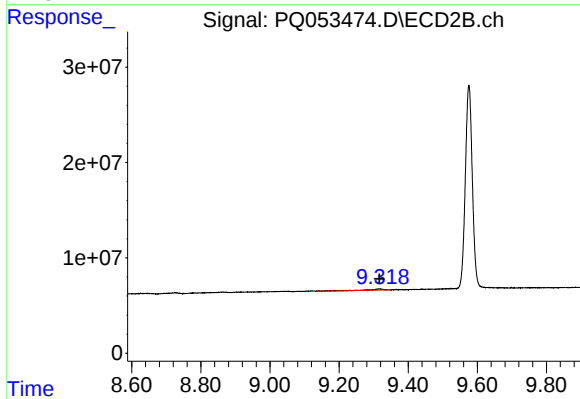
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 11.044 min
Delta R.T.: -0.003 min
Response: 5335982
Conc: 0.57 ng/ml



#45 AR-1268-5

R.T.: 9.318 min
Delta R.T.: 0.000 min
Response: 4003479
Conc: 0.83 ng/ml