

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051721\
 Data File : PQ053555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2021 13:49
 Operator : DD\AJ
 Sample : M2262-07
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 17:38:08 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	457.4E6	206.4E6	15.844	16.017
2)	SA Decachlor...	11.410	9.572	474.2E6	231.9E6	15.878	16.332
Target Compounds							
3)	L1 AR-1016-1	6.547	5.496	10052347	5896910	10.152	12.956 #
4)	L1 AR-1016-2	6.572	5.516	20106277	9646982	13.059	14.238
5)	L1 AR-1016-3	6.638	5.708	12402491	4902790	13.543	14.164
6)	L1 AR-1016-4	6.746	5.757	10767940	4329401	14.612	15.305
7)	L1 AR-1016-5	7.058	5.989	12131338	7489562	16.818	20.748
8)	L2 AR-1221-1	5.469	4.493	9414317	9107882	32.267	68.097 #
9)	L2 AR-1221-2	5.575	4.592	26233675	11963692	123.513	119.278
10)	L2 AR-1221-3	5.660	4.684	41513112	11594722	59.481	35.555 #
11)	L3 AR-1232-1	5.660	4.684	41513112	11594722	80.562	48.885 #
12)	L3 AR-1232-2	6.248	5.516	29978554	9646982	107.657	38.137 #
13)	L3 AR-1232-3	6.572	5.708	20106277	4902790	34.246	38.558
14)	L3 AR-1232-4	6.746	5.803	10767940	4467104	39.450	39.826
15)	L3 AR-1232-5	6.835	5.989	13786668	7489562	69.323	60.940
16)	L4 AR-1242-1	6.547	5.496	10052347	5896910	14.383	18.373 #
17)	L4 AR-1242-2	6.572	5.516	20106277	9646982	18.559	20.420
18)	L4 AR-1242-3	6.638	5.708	12402491	4902790	19.099	20.149
19)	L4 AR-1242-4	6.746	5.803	10767940	4467104	20.567	18.852
20)	L4 AR-1242-5	7.528	6.367	29277803	7629350	50.156	23.916 #
21)	L5 AR-1248-1	6.547	5.496	10052347	5896910	19.316	24.394 #
22)	L5 AR-1248-2	6.835	5.757	13786668	4329401	18.184	12.554 #
23)	L5 AR-1248-3	7.058	5.803	12131338	4467104	14.126	12.735
24)	L5 AR-1248-4	7.487	5.989	19124043	7489562	19.659	17.526
25)	L5 AR-1248-5	7.528	6.412	29277803	7766545	29.949	18.313 #
26)	L6 AR-1254-1	7.457	6.367	19597094	7629350	20.131	11.271 #
27)	L6 AR-1254-2	7.692	6.524	14025943	4420769	9.292	7.101
28)	L6 AR-1254-3	8.070	6.945	5293056	3711334	3.387	3.738
29)	L6 AR-1254-4	8.365	7.183	12851170	5689626	11.080	9.163
30)	L6 AR-1254-5	8.782	7.616	2095543	459970	1.627	0.476 #
31)	L7 AR-1260-1	8.241	7.077	1549237	5651301	1.138	7.005 #
32)	L7 AR-1260-2	8.495	7.277	5549739	1864823	3.230	1.643 #
34)	L7 AR-1260-4	9.099	0.000	201658	0	0.158	N.D. #
35)	L7 AR-1260-5	9.447	8.163	2809432	2585913	1.022	1.350 #
36)	L8 AR-1262-1	0.000	7.616	0	459970	N.D.	0.960 #
37)	L8 AR-1262-2	9.447	8.163	2809432	2585913	0.927	1.263 #
38)	L8 AR-1262-3	9.808f	8.476f	151881	15341776	0.074	18.214 #
40)	L8 AR-1262-5	10.592	9.021	2595385	7040644	2.280	11.420 #
41)	L9 AR-1268-1	9.808f	8.476f	151881	15341776	0.043	6.622 #
44)	L9 AR-1268-4	10.592	9.021	2595385	7040644	2.252	10.995 #
45)	L9 AR-1268-5	11.049	9.314	6777846	4271854	0.725	0.882

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051721\
Data File : PQ053555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2021 13:49
Operator : DD\AJ
Sample : M2262-07
Misc : AR1232 LOD 40 PPB
ALS Vial : 16 Sample Multiplier: 1

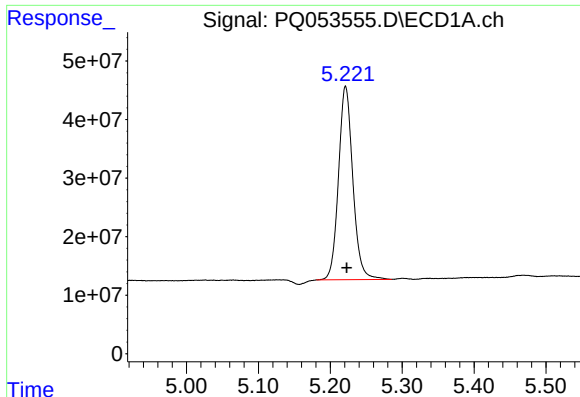
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 17:38:08 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

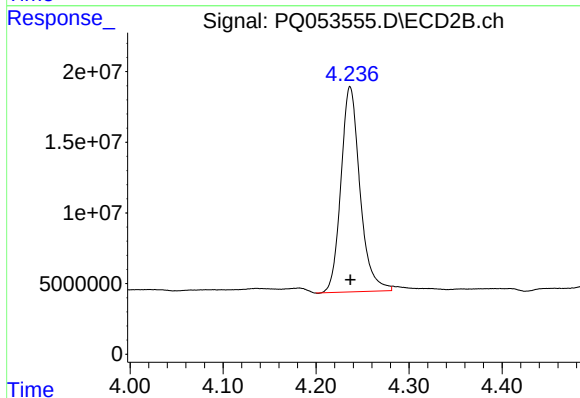
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

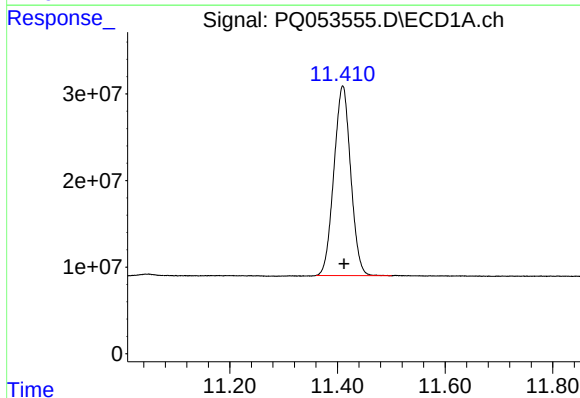
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 457420718
Conc: 15.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



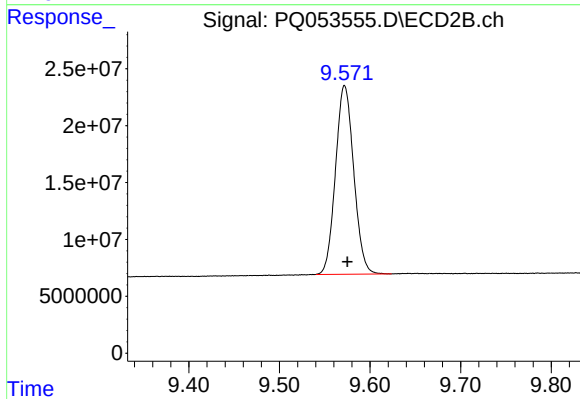
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 206377332
Conc: 16.02 ng/ml



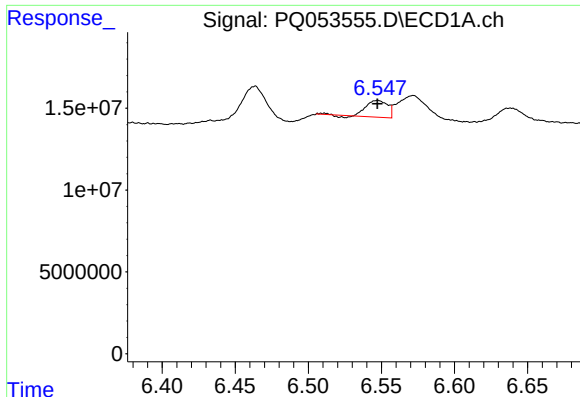
#2 Decachlorobiphenyl

R.T.: 11.410 min
Delta R.T.: -0.002 min
Response: 474221570
Conc: 15.88 ng/ml



#2 Decachlorobiphenyl

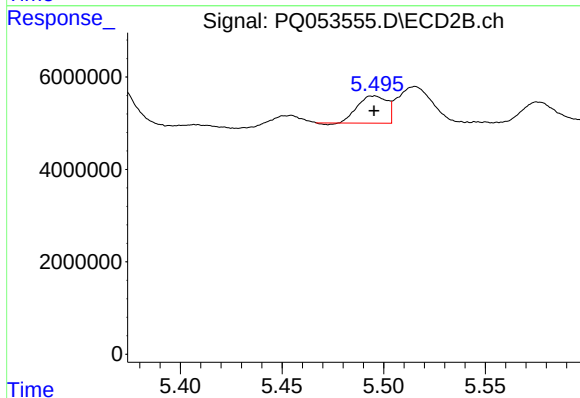
R.T.: 9.572 min
Delta R.T.: -0.003 min
Response: 231885672
Conc: 16.33 ng/ml



#3 AR-1016-1

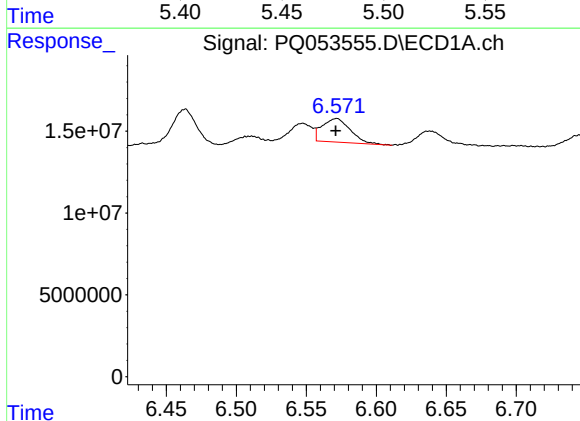
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 10052347
Conc: 10.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



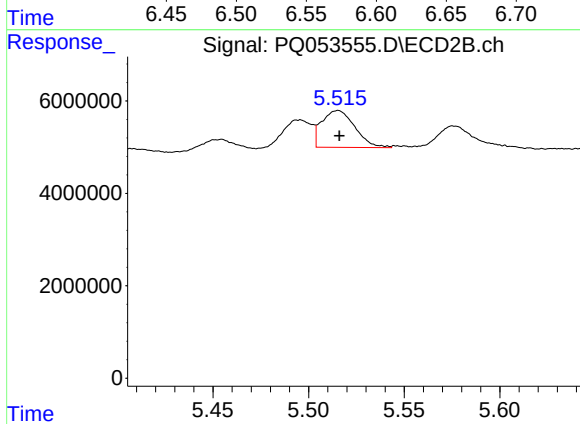
#3 AR-1016-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 5896910
Conc: 12.96 ng/ml



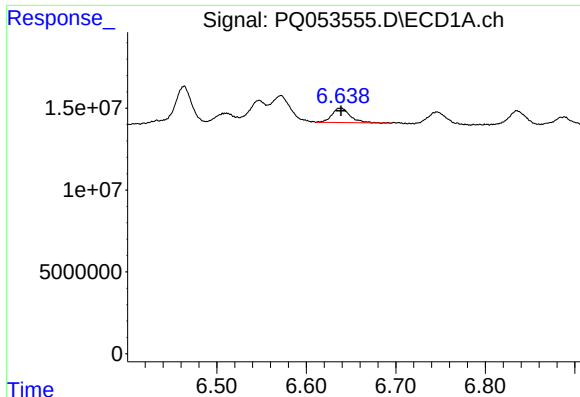
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 20106277
Conc: 13.06 ng/ml



#4 AR-1016-2

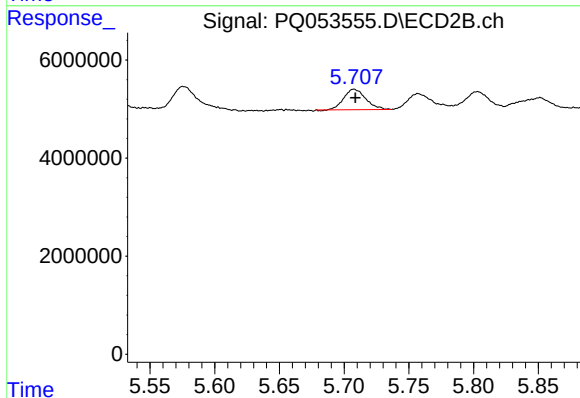
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 9646982
Conc: 14.24 ng/ml



#5 AR-1016-3

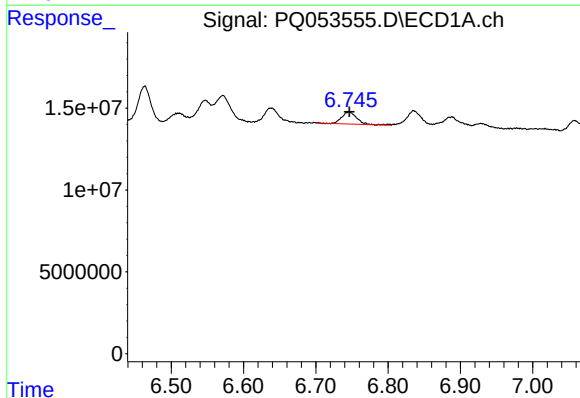
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 12402491
Conc: 13.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



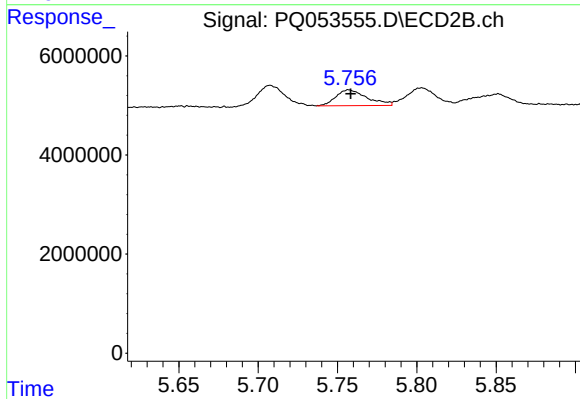
#5 AR-1016-3

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 4902790
Conc: 14.16 ng/ml



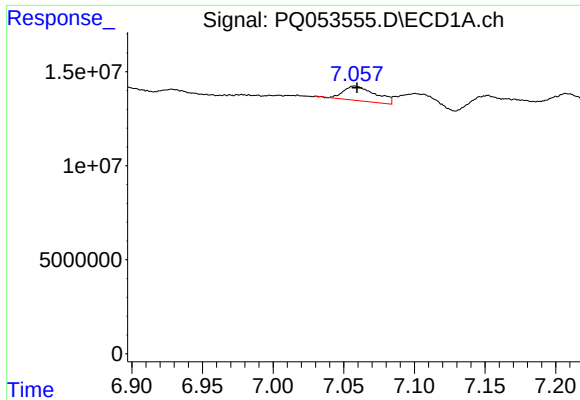
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 10767940
Conc: 14.61 ng/ml



#6 AR-1016-4

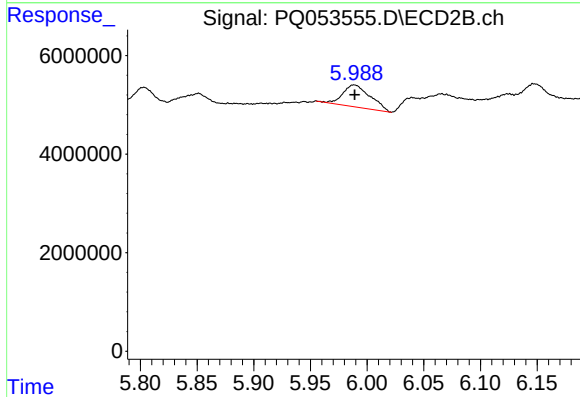
R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 4329401
Conc: 15.31 ng/ml



#7 AR-1016-5

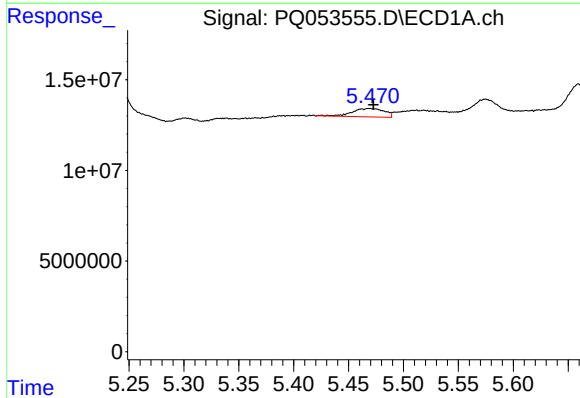
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 12131338
Conc: 16.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



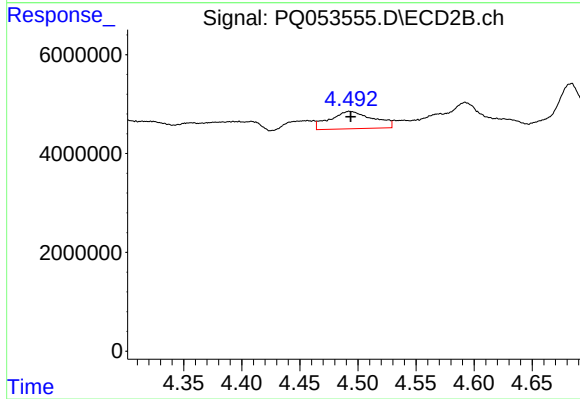
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 7489562
Conc: 20.75 ng/ml



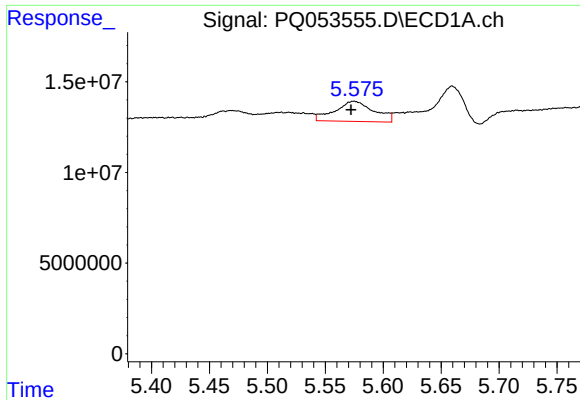
#8 AR-1221-1

R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 9414317
Conc: 32.27 ng/ml



#8 AR-1221-1

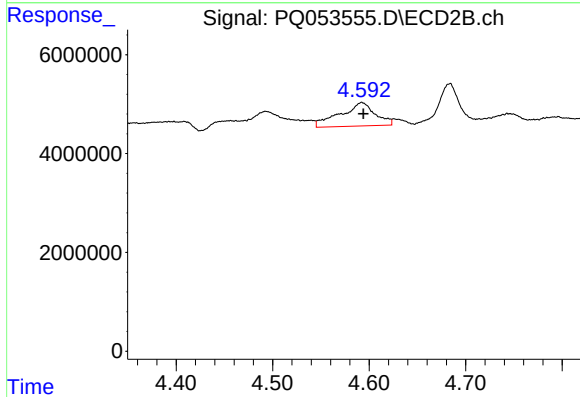
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 9107882
Conc: 68.10 ng/ml



#9 AR-1221-2

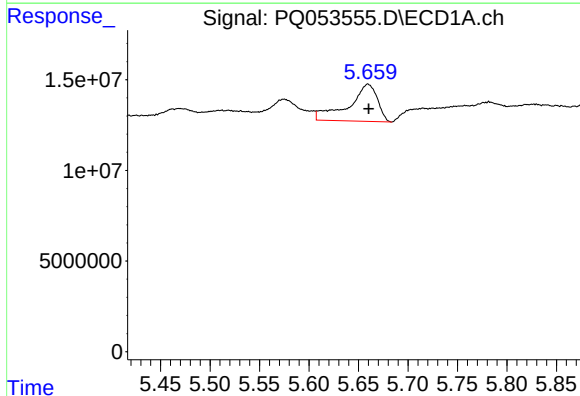
R.T.: 5.575 min
Delta R.T.: 0.002 min
Response: 26233675
Conc: 123.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



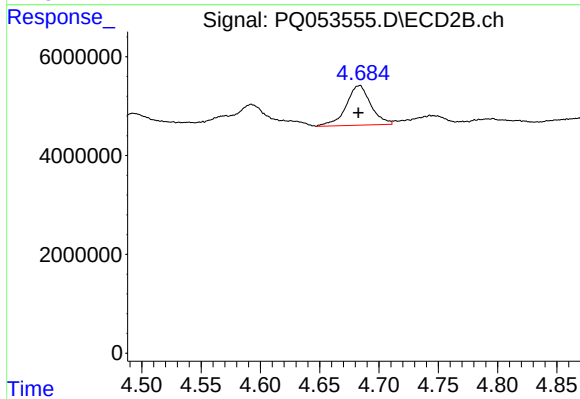
#9 AR-1221-2

R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 11963692
Conc: 119.28 ng/ml



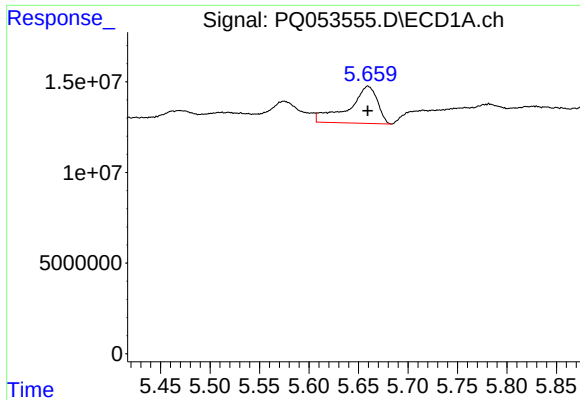
#10 AR-1221-3

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 41513112
Conc: 59.48 ng/ml



#10 AR-1221-3

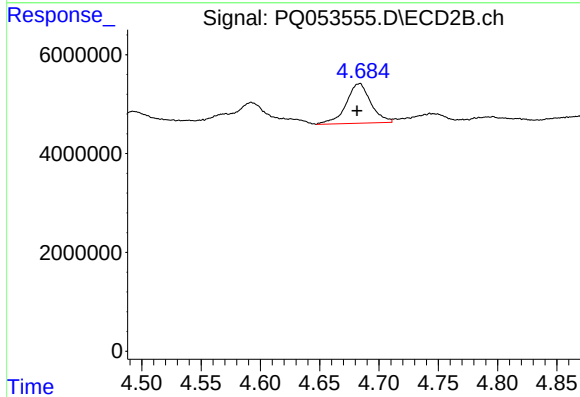
R.T.: 4.684 min
Delta R.T.: 0.001 min
Response: 11594722
Conc: 35.56 ng/ml



#11 AR-1232-1

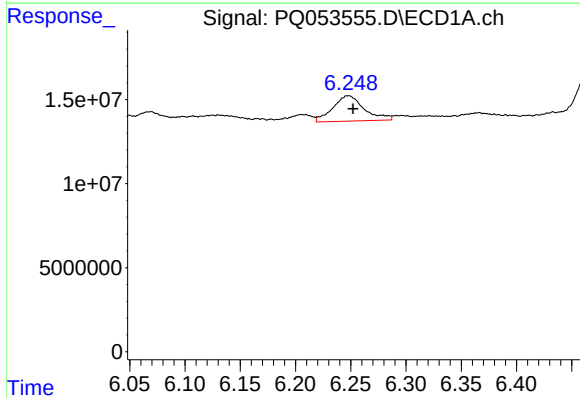
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 41513112
Conc: 80.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



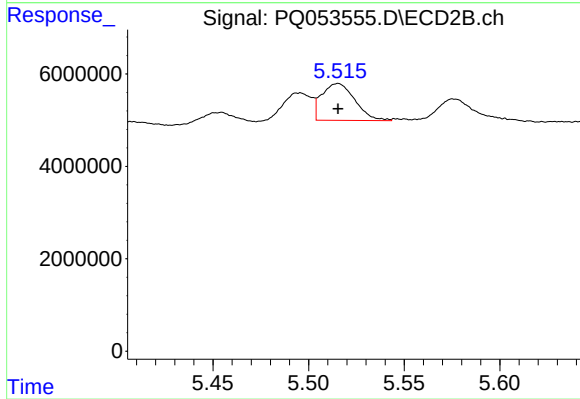
#11 AR-1232-1

R.T.: 4.684 min
Delta R.T.: 0.002 min
Response: 11594722
Conc: 48.89 ng/ml



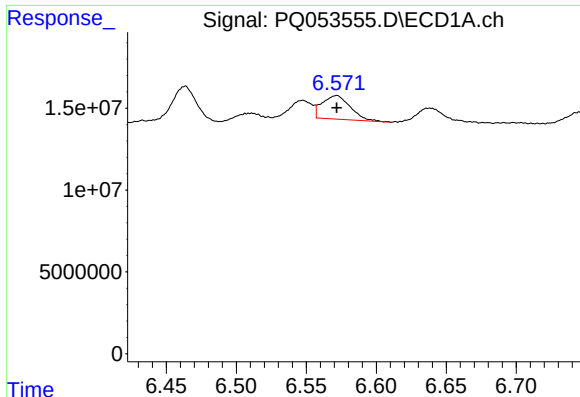
#12 AR-1232-2

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 29978554
Conc: 107.66 ng/ml



#12 AR-1232-2

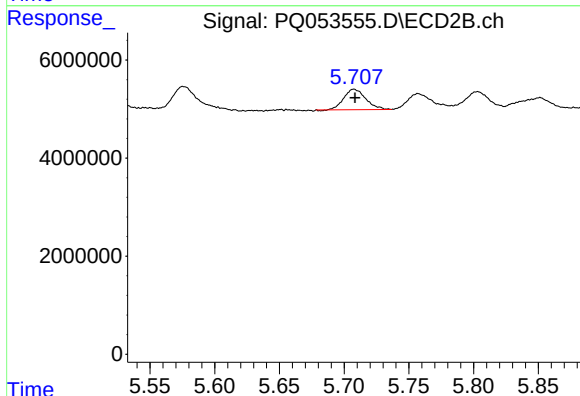
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 9646982
Conc: 38.14 ng/ml



#13 AR-1232-3

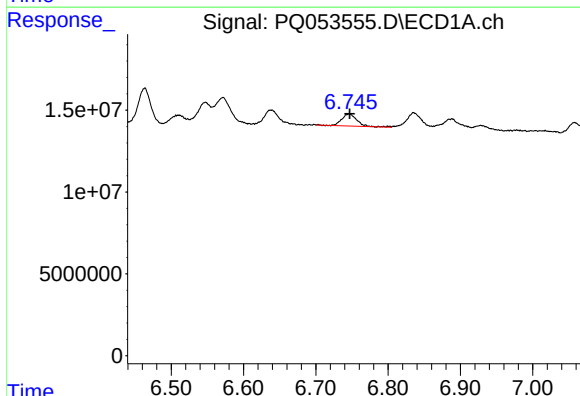
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 20106277
Conc: 34.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



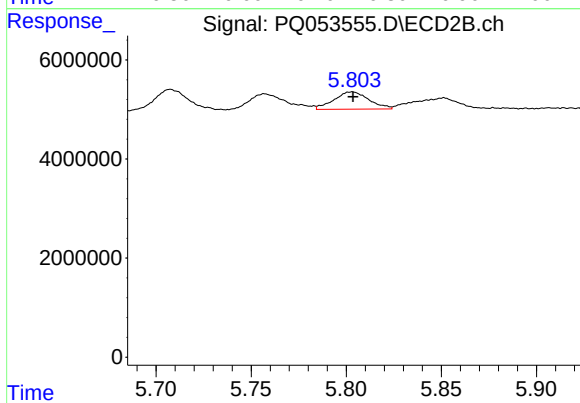
#13 AR-1232-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 4902790
Conc: 38.56 ng/ml



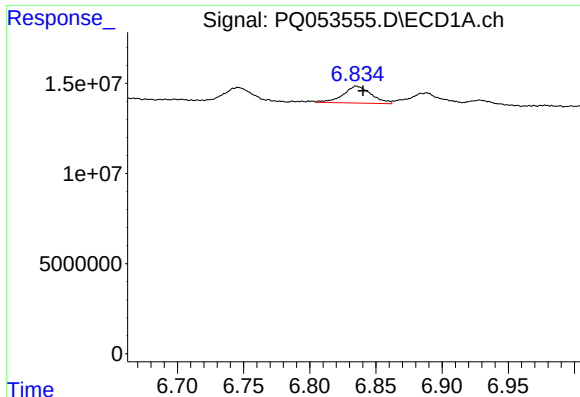
#14 AR-1232-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 10767940
Conc: 39.45 ng/ml



#14 AR-1232-4

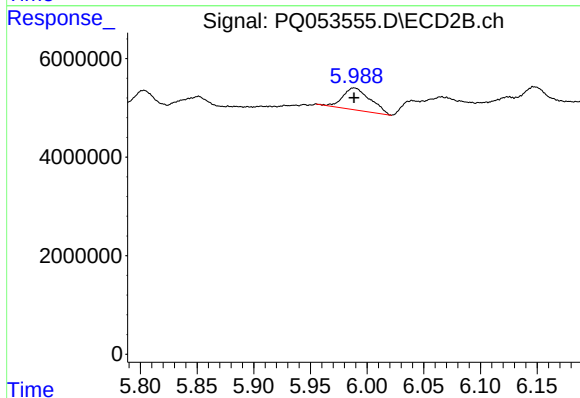
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 4467104
Conc: 39.83 ng/ml



#15 AR-1232-5

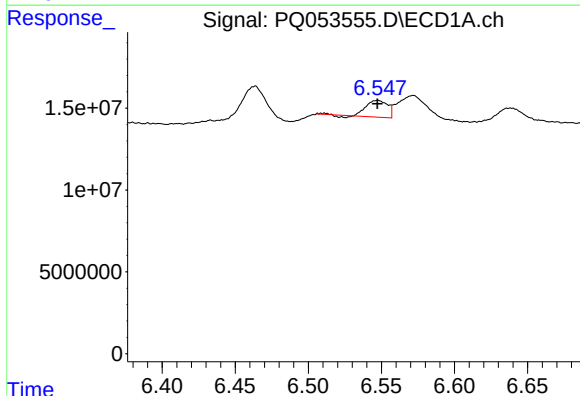
R.T.: 6.835 min
Delta R.T.: -0.005 min
Response: 13786668
Conc: 69.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



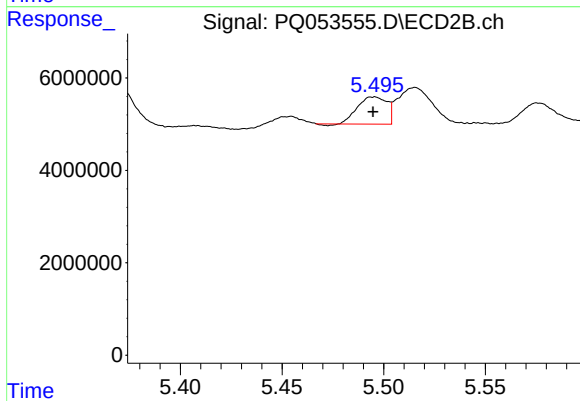
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 7489562
Conc: 60.94 ng/ml



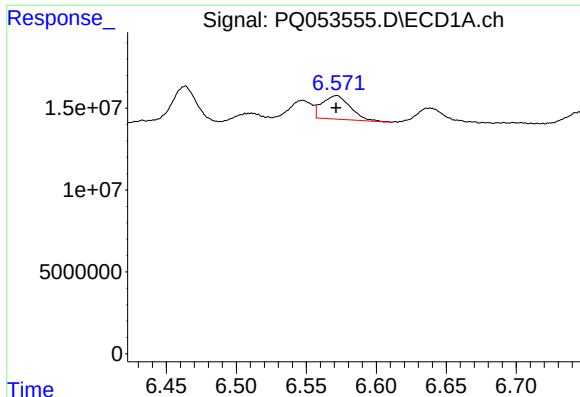
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 10052347
Conc: 14.38 ng/ml



#16 AR-1242-1

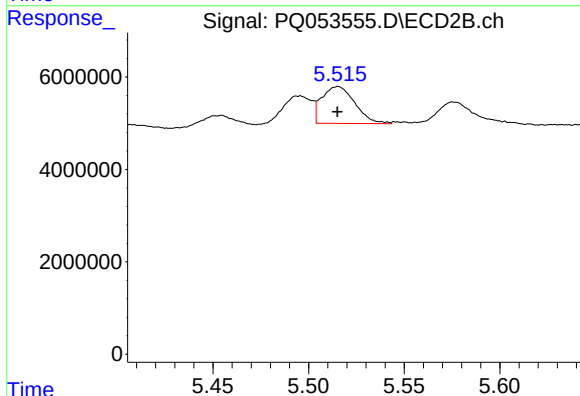
R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 5896910
Conc: 18.37 ng/ml



#17 AR-1242-2

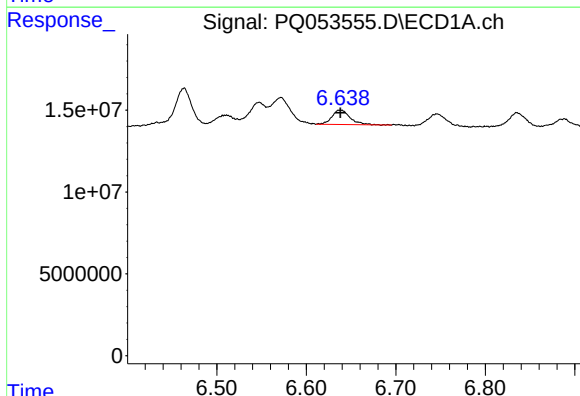
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 20106277
Conc: 18.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



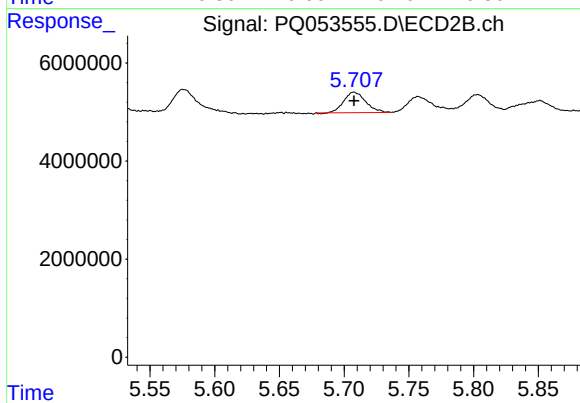
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 9646982
Conc: 20.42 ng/ml



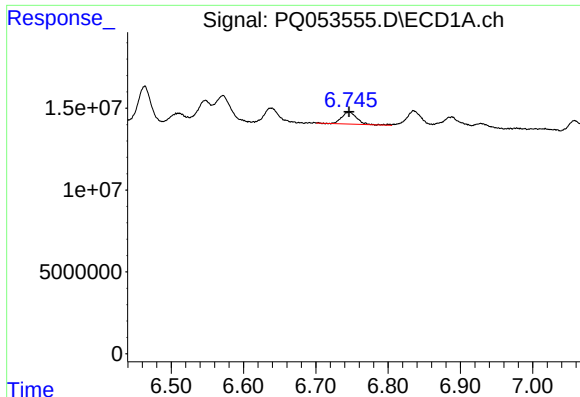
#18 AR-1242-3

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 12402491
Conc: 19.10 ng/ml



#18 AR-1242-3

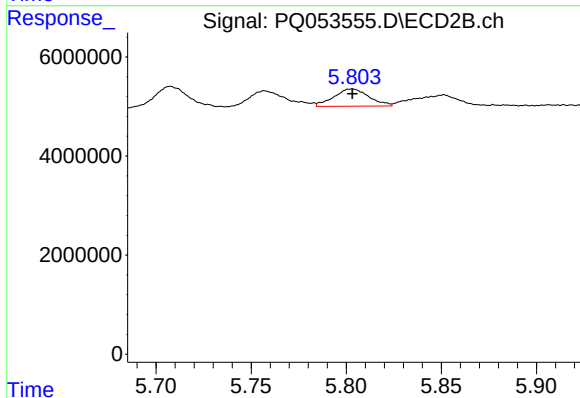
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 4902790
Conc: 20.15 ng/ml



#19 AR-1242-4

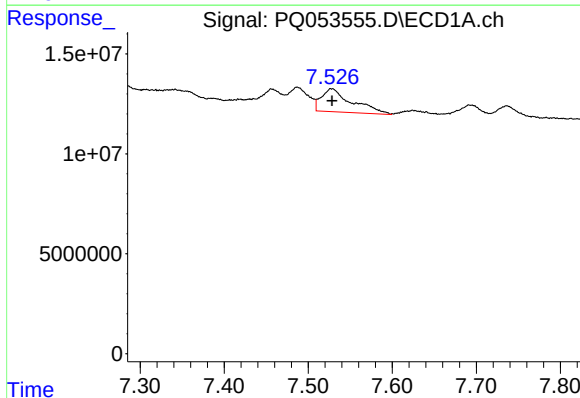
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 10767940
Conc: 20.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



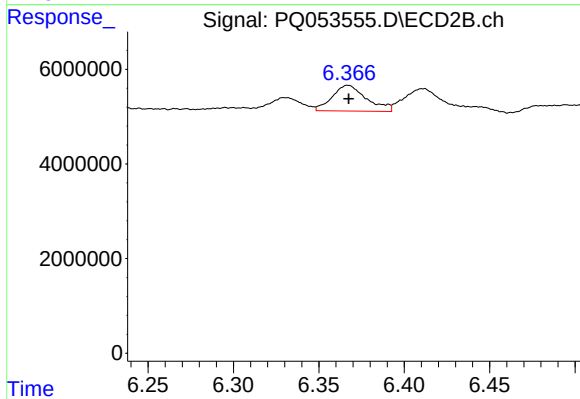
#19 AR-1242-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 4467104
Conc: 18.85 ng/ml



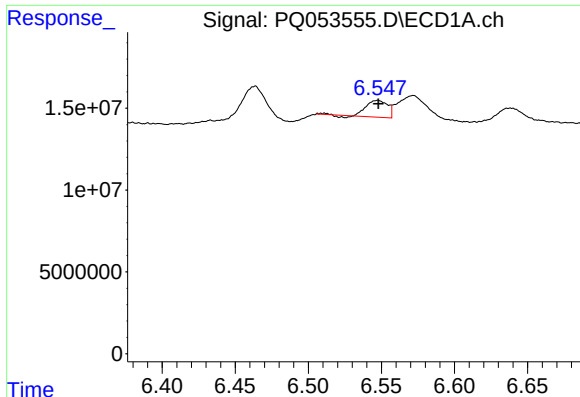
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 29277803
Conc: 50.16 ng/ml



#20 AR-1242-5

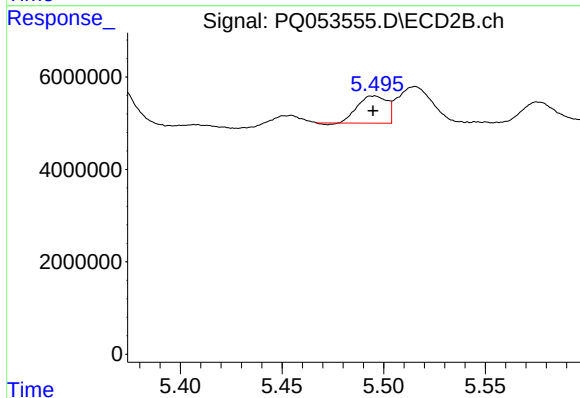
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 7629350
Conc: 23.92 ng/ml



#21 AR-1248-1

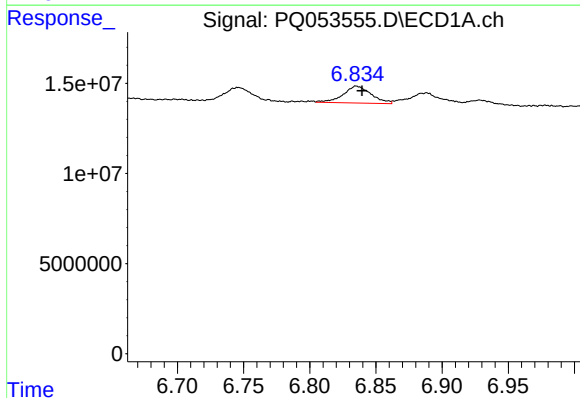
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 10052347
Conc: 19.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



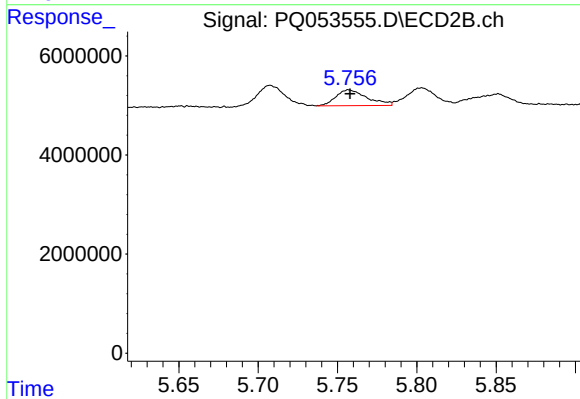
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 5896910
Conc: 24.39 ng/ml



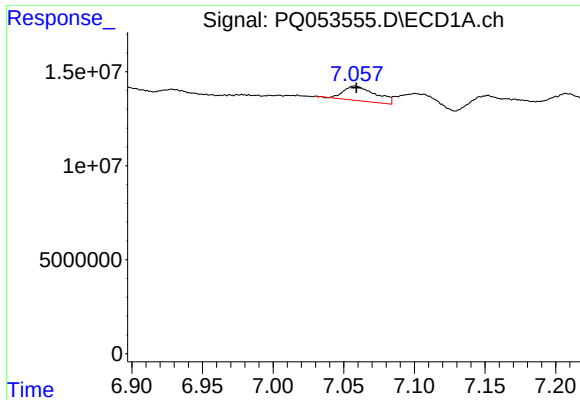
#22 AR-1248-2

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 13786668
Conc: 18.18 ng/ml



#22 AR-1248-2

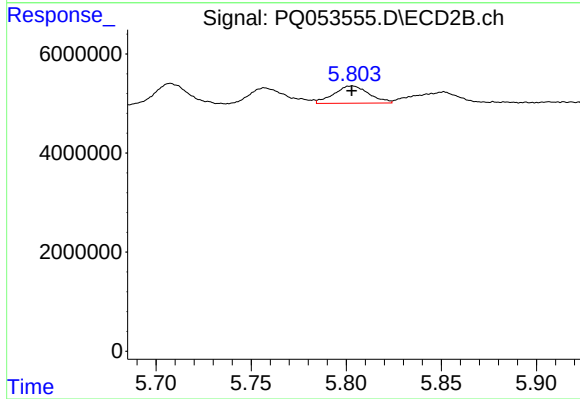
R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 4329401
Conc: 12.55 ng/ml



#23 AR-1248-3

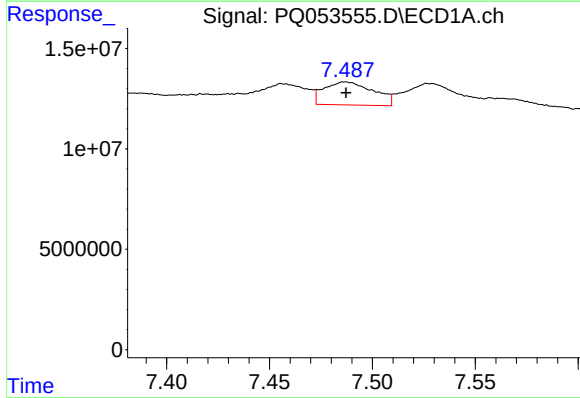
R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 12131338
Conc: 14.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



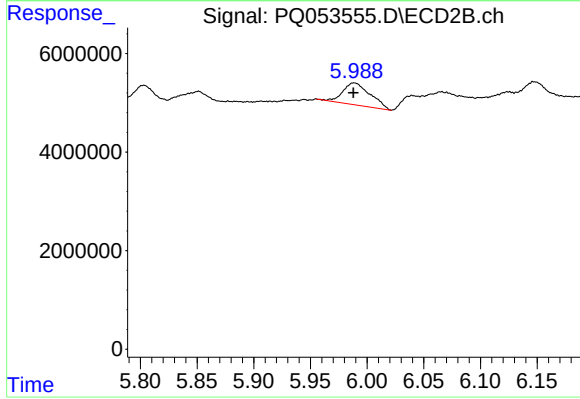
#23 AR-1248-3

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 4467104
Conc: 12.74 ng/ml



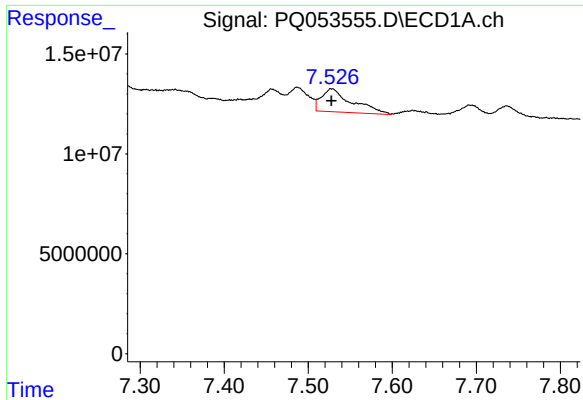
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 19124043
Conc: 19.66 ng/ml



#24 AR-1248-4

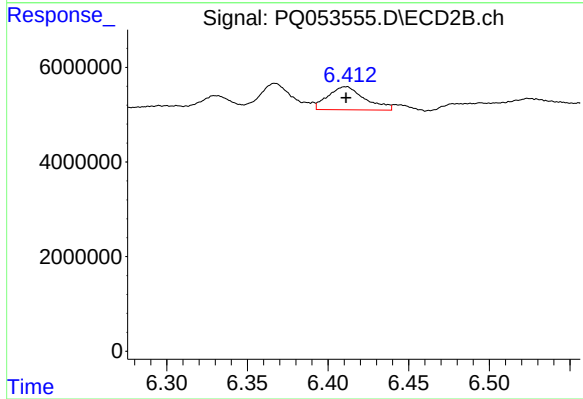
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 7489562
Conc: 17.53 ng/ml



#25 AR-1248-5

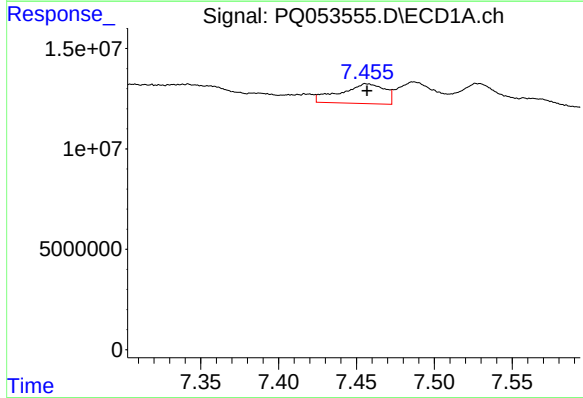
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 29277803
Conc: 29.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



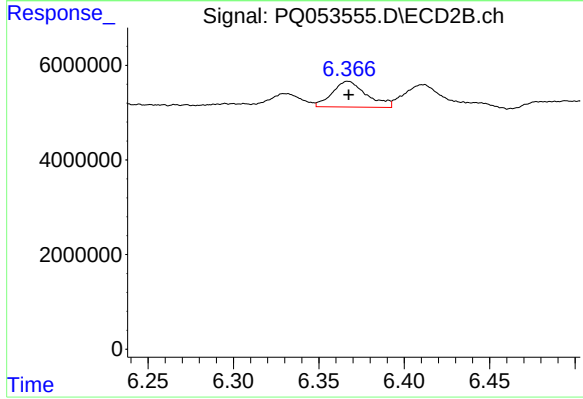
#25 AR-1248-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 7766545
Conc: 18.31 ng/ml



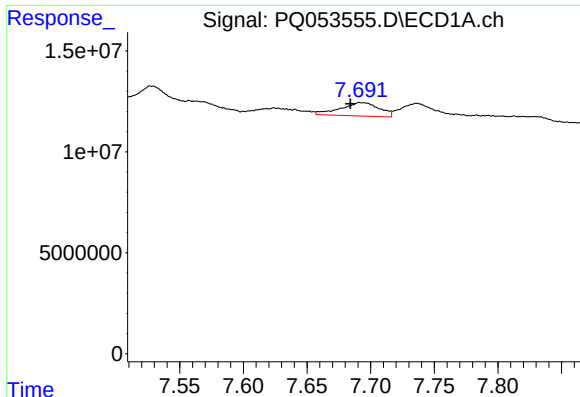
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 19597094
Conc: 20.13 ng/ml



#26 AR-1254-1

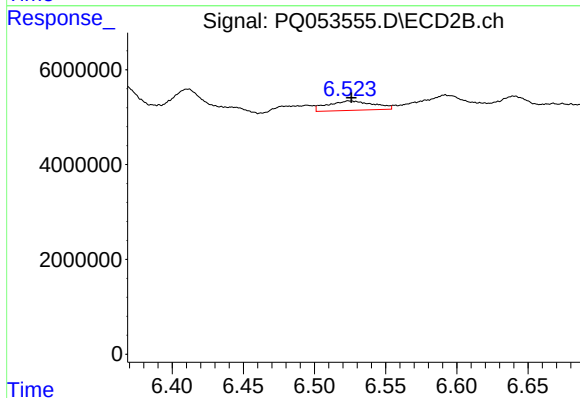
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 7629350
Conc: 11.27 ng/ml



#27 AR-1254-2

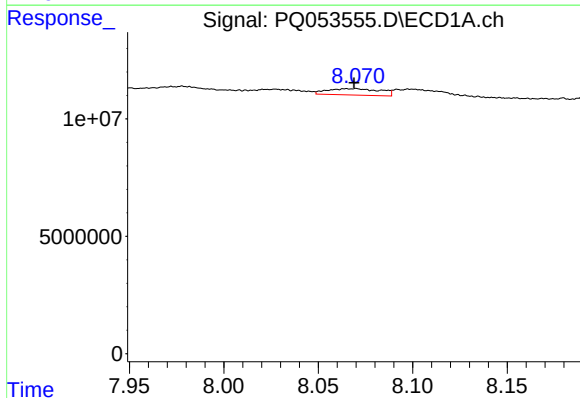
R.T.: 7.692 min
Delta R.T.: 0.008 min
Response: 14025943
Conc: 9.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



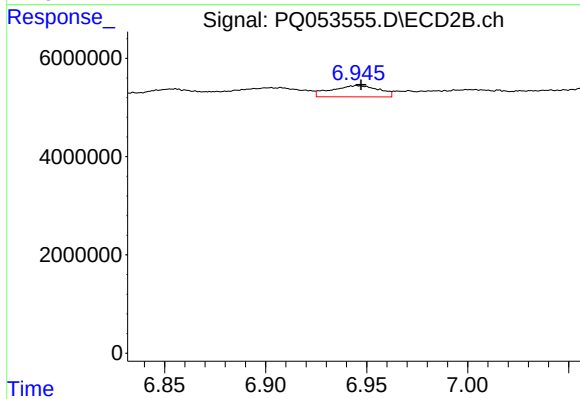
#27 AR-1254-2

R.T.: 6.524 min
Delta R.T.: -0.002 min
Response: 4420769
Conc: 7.10 ng/ml



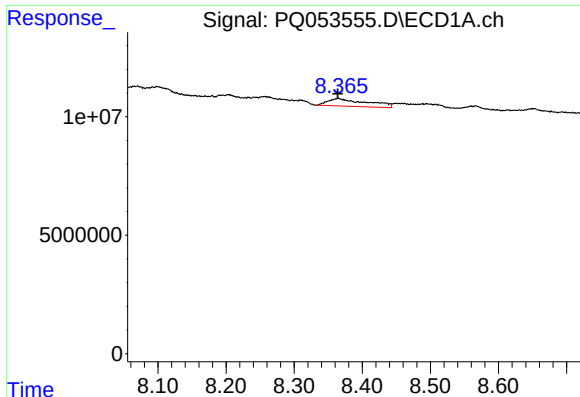
#28 AR-1254-3

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 5293056
Conc: 3.39 ng/ml



#28 AR-1254-3

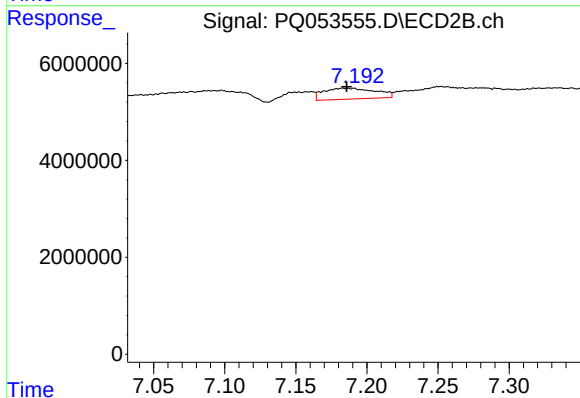
R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 3711334
Conc: 3.74 ng/ml



#29 AR-1254-4

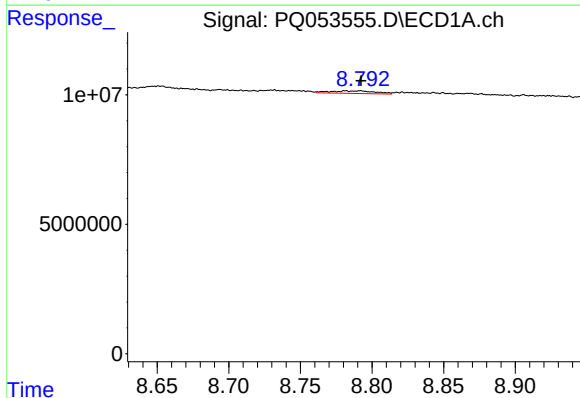
R.T.: 8.365 min
Delta R.T.: 0.001 min
Response: 12851170
Conc: 11.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



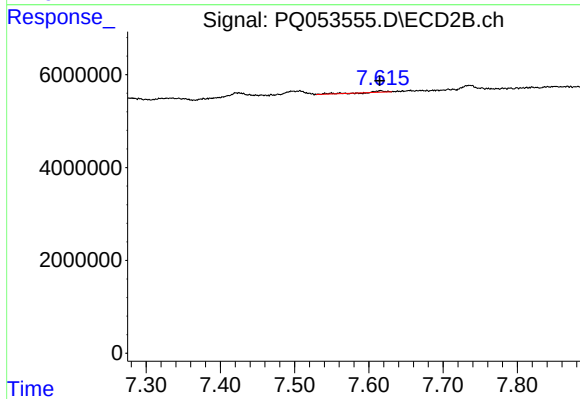
#29 AR-1254-4

R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 5689626
Conc: 9.16 ng/ml



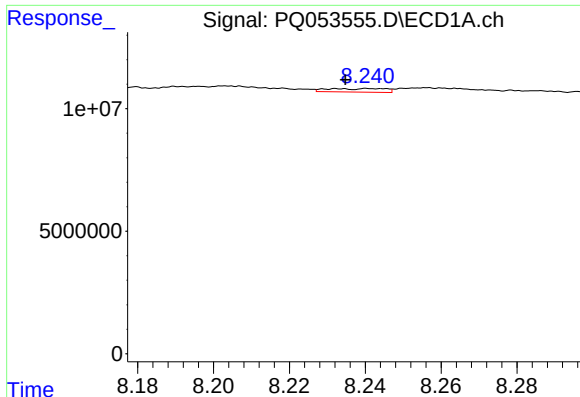
#30 AR-1254-5

R.T.: 8.782 min
Delta R.T.: -0.011 min
Response: 2095543
Conc: 1.63 ng/ml



#30 AR-1254-5

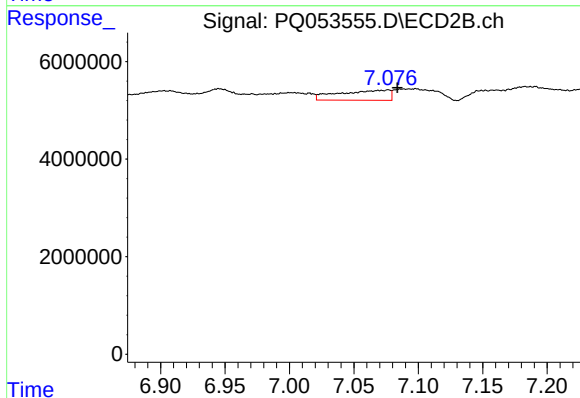
R.T.: 7.616 min
Delta R.T.: 0.001 min
Response: 459970
Conc: 0.48 ng/ml



#31 AR-1260-1

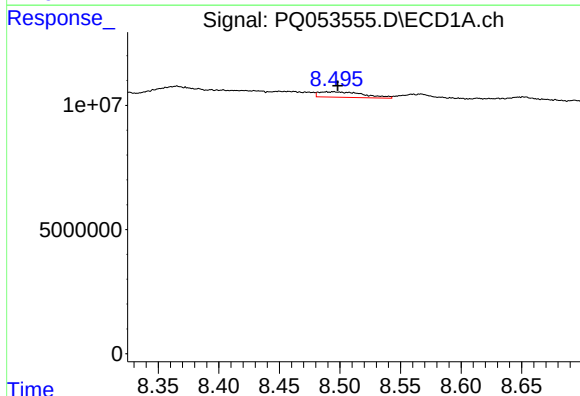
R.T.: 8.241 min
Delta R.T.: 0.006 min
Response: 1549237
Conc: 1.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



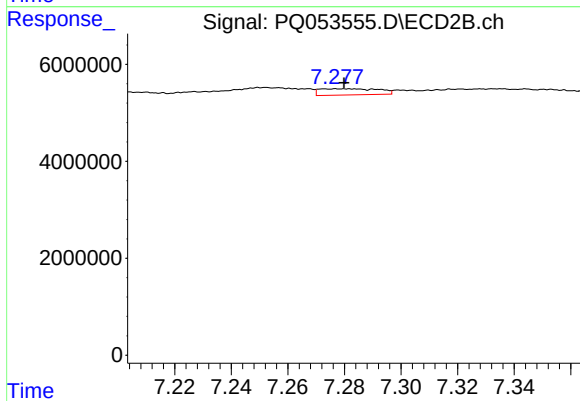
#31 AR-1260-1

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 5651301
Conc: 7.01 ng/ml



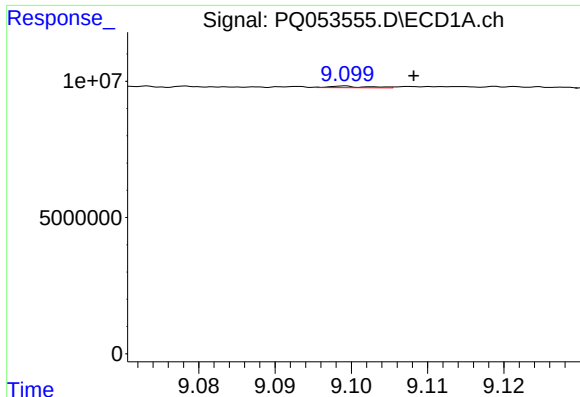
#32 AR-1260-2

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 5549739
Conc: 3.23 ng/ml



#32 AR-1260-2

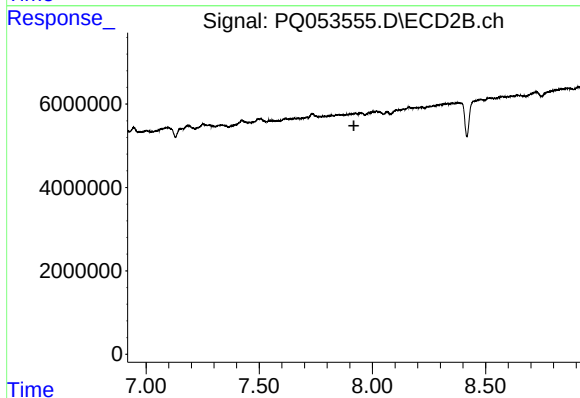
R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 1864823
Conc: 1.64 ng/ml



#34 AR-1260-4

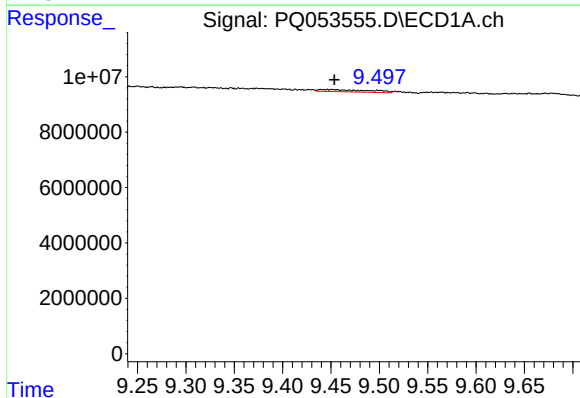
R.T.: 9.099 min
Delta R.T.: -0.009 min
Response: 201658
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



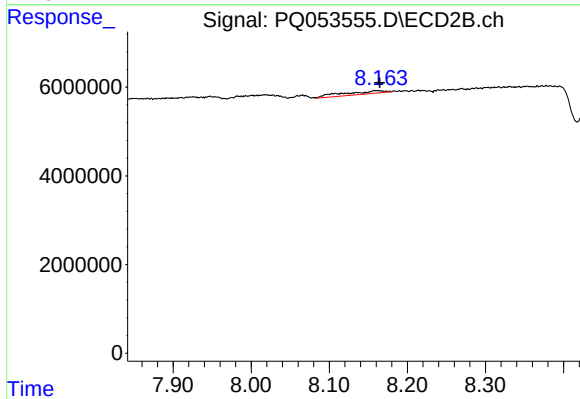
#34 AR-1260-4

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



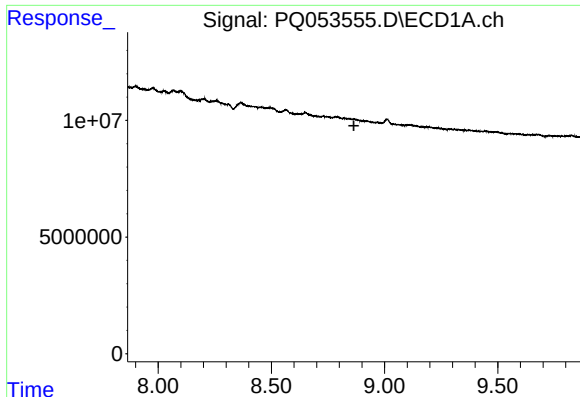
#35 AR-1260-5

R.T.: 9.447 min
Delta R.T.: -0.006 min
Response: 2809432
Conc: 1.02 ng/ml



#35 AR-1260-5

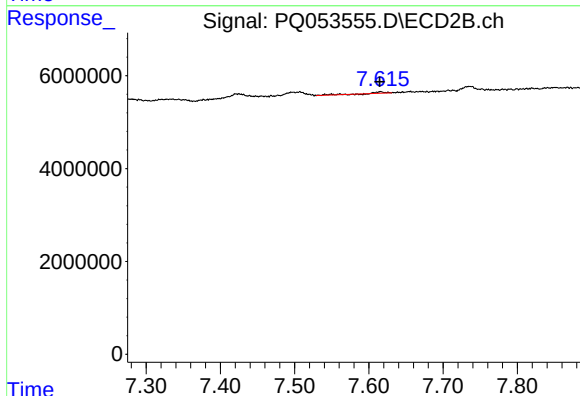
R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 2585913
Conc: 1.35 ng/ml



#36 AR-1262-1

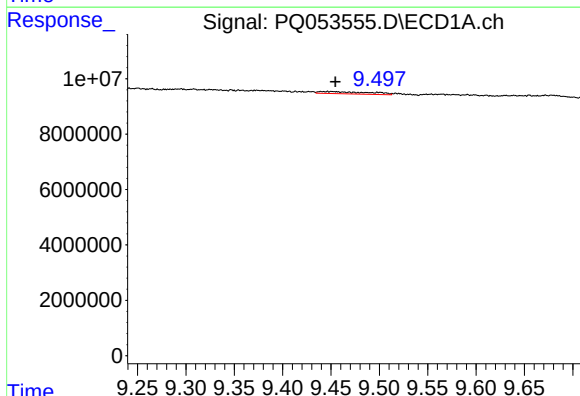
R.T.: 0.000 min
Exp R.T.: 8.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



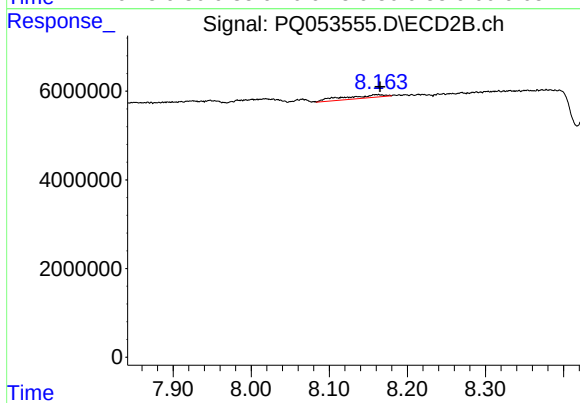
#36 AR-1262-1

R.T.: 7.616 min
Delta R.T.: 0.001 min
Response: 459970
Conc: 0.96 ng/ml



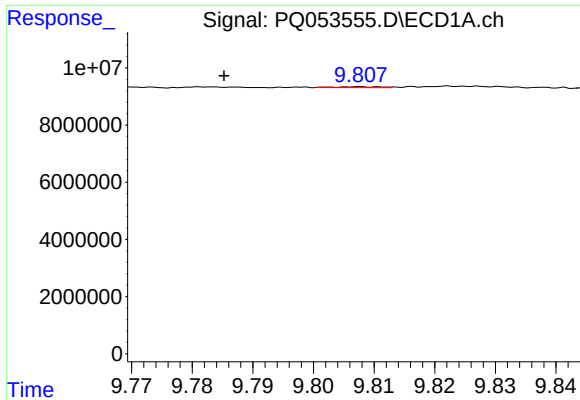
#37 AR-1262-2

R.T.: 9.447 min
Delta R.T.: -0.007 min
Response: 2809432
Conc: 0.93 ng/ml



#37 AR-1262-2

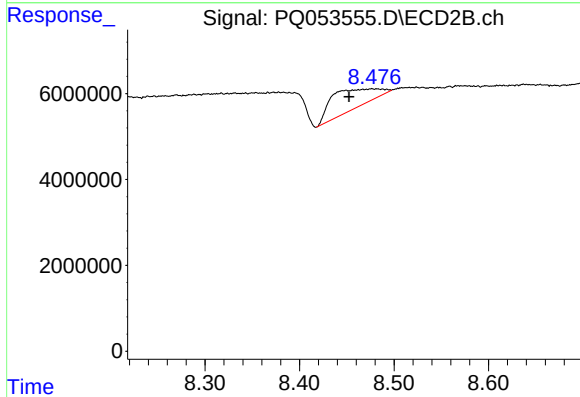
R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 2585913
Conc: 1.26 ng/ml



#38 AR-1262-3

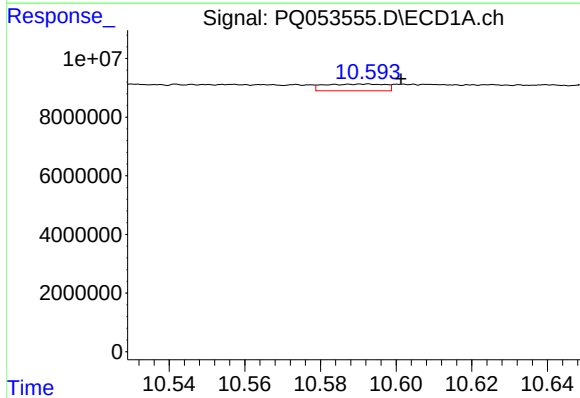
R.T.: 9.808 min
Delta R.T.: 0.022 min
Response: 151881
Conc: 0.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



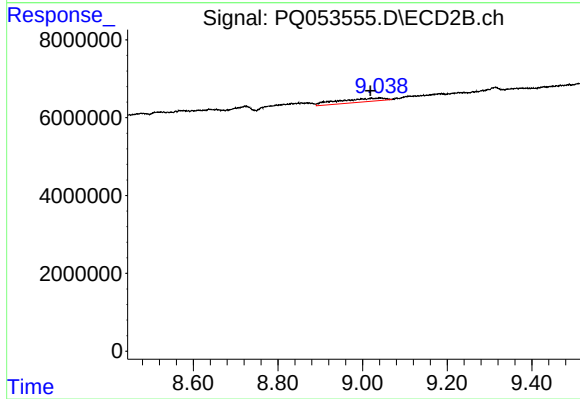
#38 AR-1262-3

R.T.: 8.476 min
Delta R.T.: 0.024 min
Response: 15341776
Conc: 18.21 ng/ml



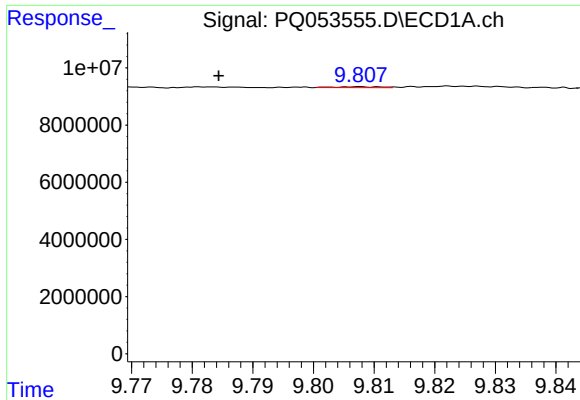
#40 AR-1262-5

R.T.: 10.592 min
Delta R.T.: -0.009 min
Response: 2595385
Conc: 2.28 ng/ml



#40 AR-1262-5

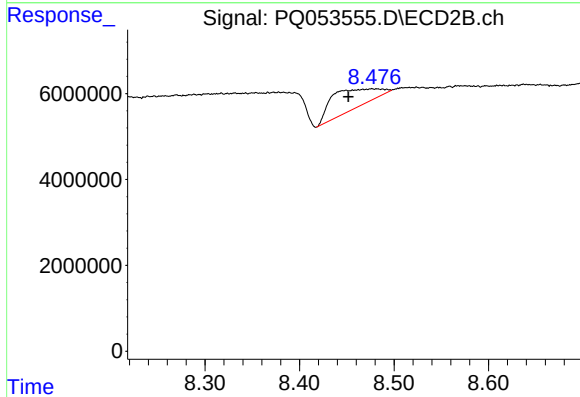
R.T.: 9.021 min
Delta R.T.: 0.002 min
Response: 7040644
Conc: 11.42 ng/ml



#41 AR-1268-1

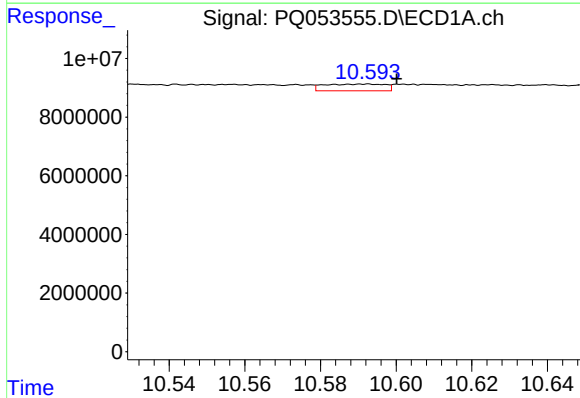
R.T.: 9.808 min
Delta R.T.: 0.023 min
Response: 151881
Conc: 0.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



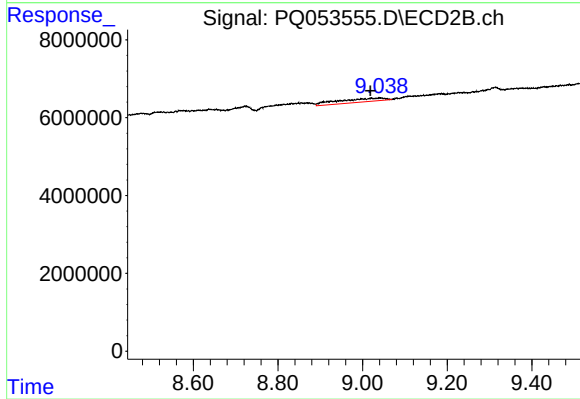
#41 AR-1268-1

R.T.: 8.476 min
Delta R.T.: 0.025 min
Response: 15341776
Conc: 6.62 ng/ml



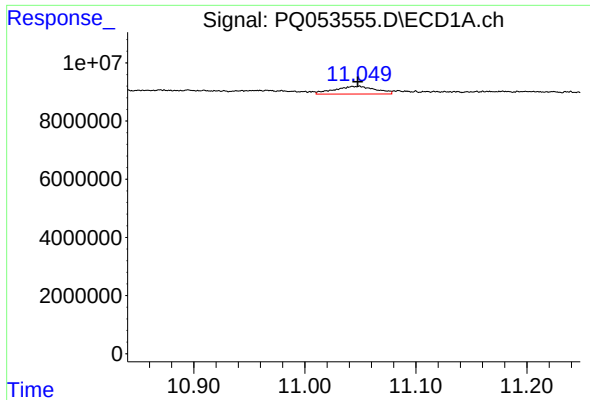
#44 AR-1268-4

R.T.: 10.592 min
Delta R.T.: -0.008 min
Response: 2595385
Conc: 2.25 ng/ml



#44 AR-1268-4

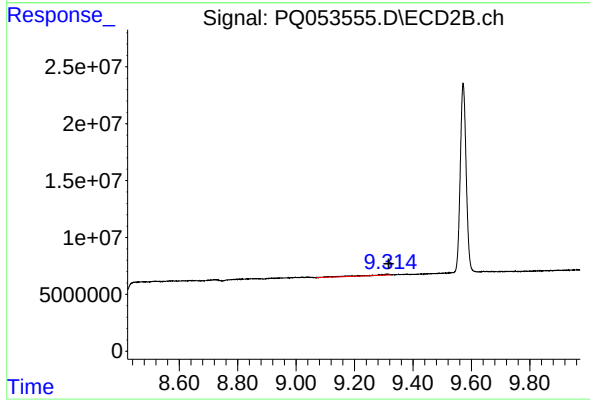
R.T.: 9.021 min
Delta R.T.: 0.002 min
Response: 7040644
Conc: 10.99 ng/ml



#45 AR-1268-5

R.T.: 11.049 min
Delta R.T.: 0.002 min
Response: 6777846
Conc: 0.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.314 min
Delta R.T.: -0.003 min
Response: 4271854
Conc: 0.88 ng/ml