

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081320\
 Data File : PQ049245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2020 10:25
 Operator : DD\AJ
 Sample : L3611-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 05:56:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 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...	5.253	4.285	151.7E6	103.9E6	24.638	29.313
2)	SA Decachlor...	11.483	9.641	398.6E6	187.4E6	42.430	40.311
Target Compounds							
3)	L1 AR-1016-1	6.583	0.000	594779	0	2.308	N.D. #
4)	L1 AR-1016-2	6.611	0.000	930523	0	2.608	N.D. #
5)	L1 AR-1016-3	0.000	5.809	0	4030672	N.D.	38.974 #
6)	L1 AR-1016-4	0.000	5.809	0	4030672	N.D.	49.659 #
7)	L1 AR-1016-5	7.098	6.043	4464011	618910	24.185	5.402 #
9)	L2 AR-1221-2	5.611	4.641	2274182	2117278	39.590	65.979 #
12)	L3 AR-1232-2	6.260	0.000	16626355	0	212.577	N.D. #
13)	L3 AR-1232-3	6.611	5.809	930523	4030672	5.540	83.735 #
14)	L3 AR-1232-4	0.000	5.854	0	922421	N.D.	21.323 #
15)	L3 AR-1232-5	6.876	6.043	9784859	618910	155.547	12.448 #
16)	L4 AR-1242-1	6.583	0.000	594779	0	2.532	N.D. #
17)	L4 AR-1242-2	6.611	0.000	930523	0	2.900	N.D. #
18)	L4 AR-1242-3	0.000	5.809	0	4030672	N.D.	41.948 #
19)	L4 AR-1242-4	0.000	5.854	0	922421	N.D.	9.723 #
20)	L4 AR-1242-5	7.571	6.428	4658070	13387700	22.884	96.265 #
21)	L5 AR-1248-1	6.583	0.000	594779	0	3.542	N.D. #
22)	L5 AR-1248-2	6.876	5.809	9784859	4030672	43.436	32.291 #
23)	L5 AR-1248-3	7.098	5.854	4464011	922421	17.475	7.158 #
24)	L5 AR-1248-4	7.532	6.043	16035193	618910	50.204	3.871 #
25)	L5 AR-1248-5	7.571	6.459	4658070	3581988	15.403	20.720 #
26)	L6 AR-1254-1	7.505	6.428	9006755	13387700	27.943	49.216 #
27)	L6 AR-1254-2	7.728	6.578	19863129	4841638	39.225	19.846 #
28)	L6 AR-1254-3	8.112	7.000	14677900	12401751	27.452	30.752
29)	L6 AR-1254-4	8.407	7.244	9355154	28015638	19.977	103.869 #
30)	L6 AR-1254-5	8.838	7.667	16636082	11085633	34.677	30.094
31)	L7 AR-1260-1	8.274	7.137	11171050	8107897	30.541	35.551
32)	L7 AR-1260-2	8.542	7.331	18348659	5930785	36.899	20.498 #
33)	L7 AR-1260-3	8.908	7.488	6680413	5915647	15.887	22.871 #
34)	L7 AR-1260-4	9.154	7.974	8634233	4002020	20.711	17.552
35)	L7 AR-1260-5	9.505	8.217	14696204	8087013	14.346	13.607
36)	L8 AR-1262-1	8.908	7.667	6680413	11085633	9.290	53.107 #
37)	L8 AR-1262-2	9.505	8.217	14696204	8087013	10.823	10.225
38)	L8 AR-1262-3	9.837	8.506	4041073	2154927	6.252	6.685
39)	L8 AR-1262-4	9.936	8.569	4603862	6815814	6.266	11.565 #
40)	L8 AR-1262-5	10.667	0.000	8652731	0	15.686	N.D. #
41)	L9 AR-1268-1	9.837	8.506	4041073	2154927	2.348	2.332
42)	L9 AR-1268-2	9.936	8.569	4603862	6815814	2.929	7.919 #
43)	L9 AR-1268-3	10.186	8.779	4583039	1408735	3.316	1.956 #
44)	L9 AR-1268-4	10.667	0.000	8652731	0	14.021	N.D. #

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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
45) L9	AR-1268-5	11.116	9.377	7228932	2845987	1.678	1.239 #

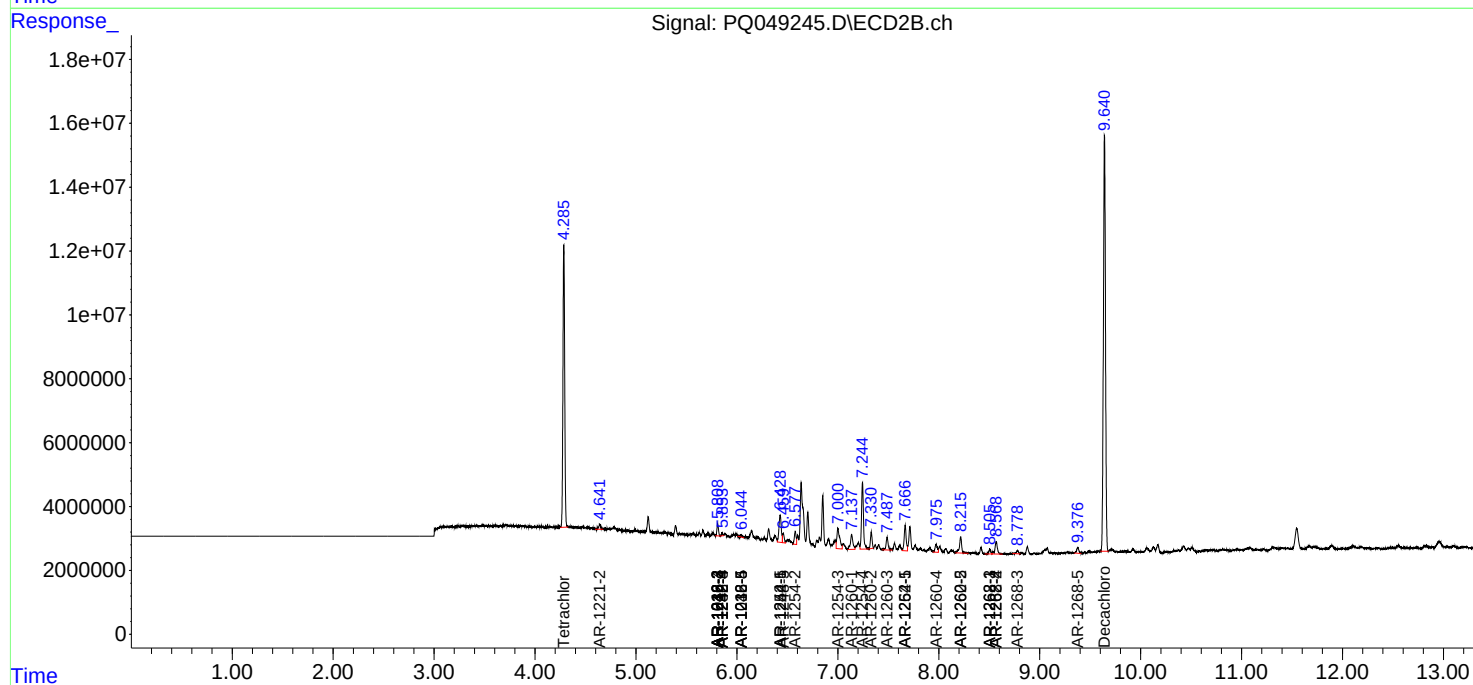
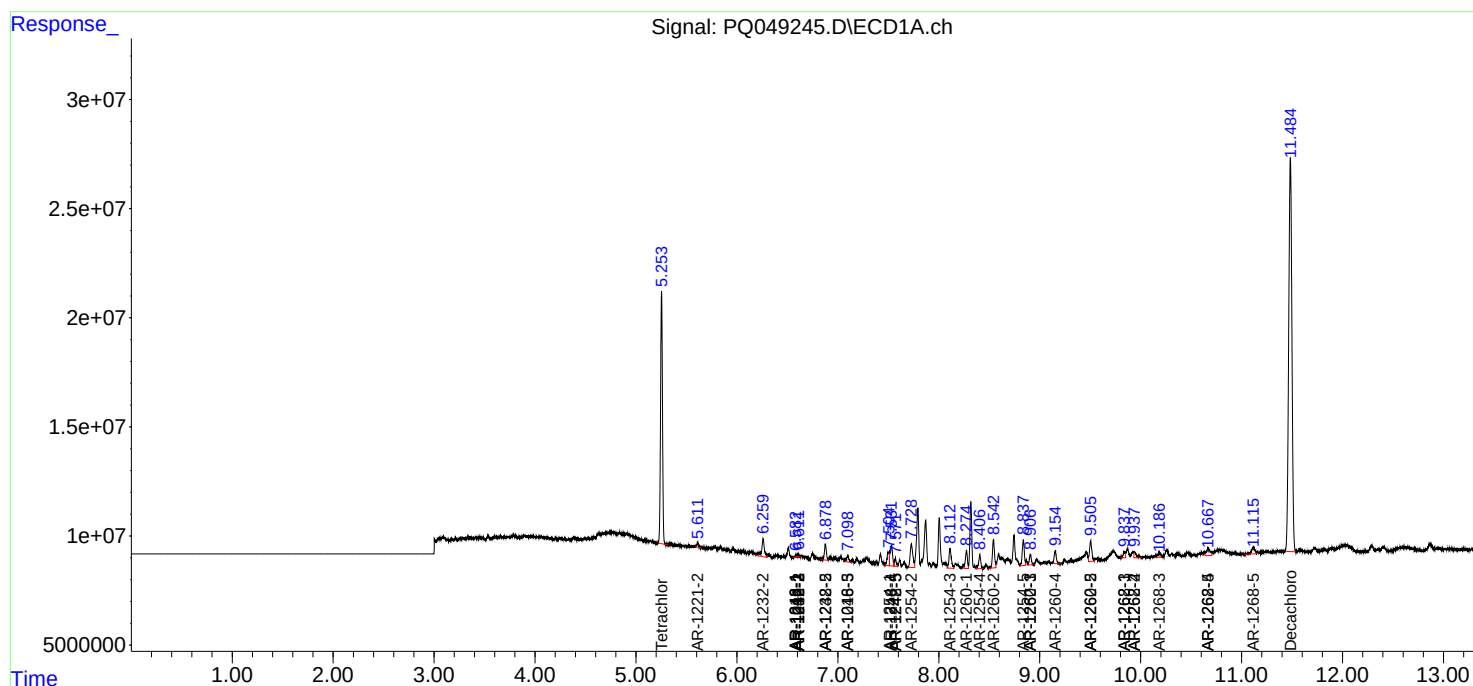
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

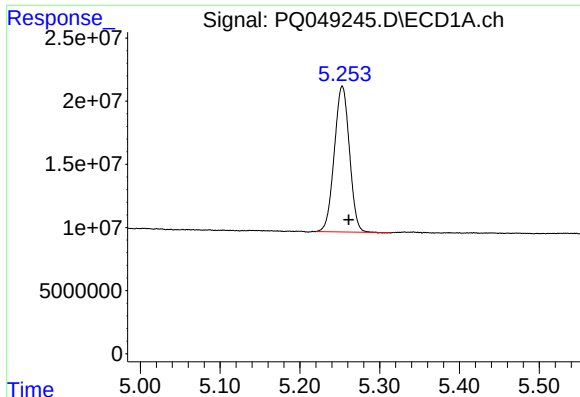
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081320\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

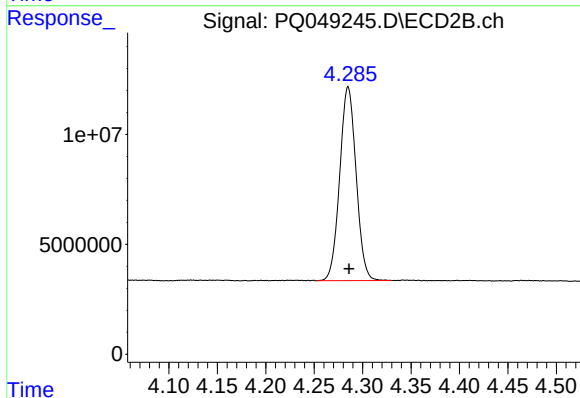




#1 Tetrachloro-m-xylene

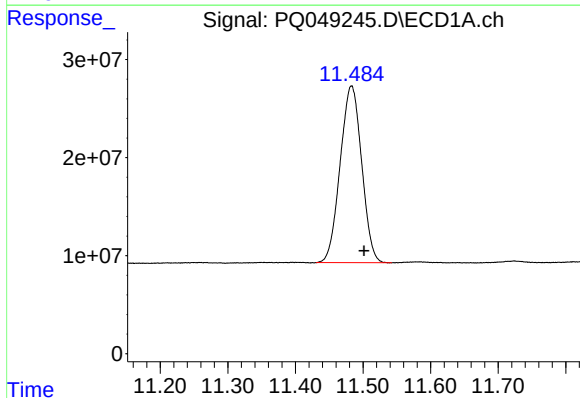
R.T.: 5.253 min
Delta R.T.: -0.008 min
Response: 151668746
Conc: 24.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



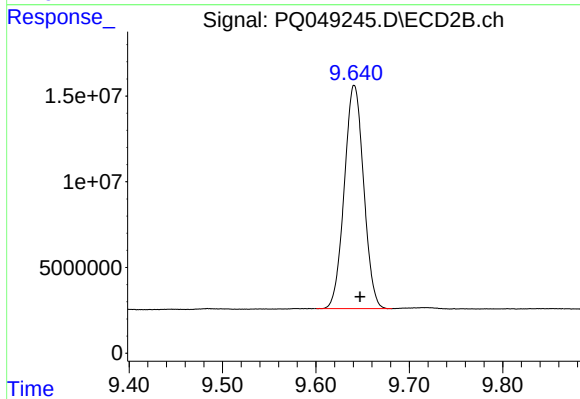
#1 Tetrachloro-m-xylene

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 103889453
Conc: 29.31 ng/ml



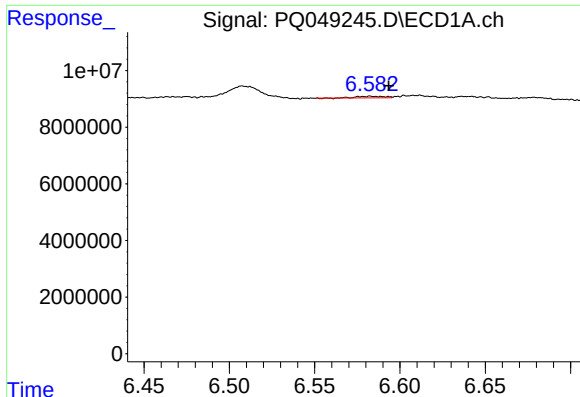
#2 Decachlorobiphenyl

R.T.: 11.483 min
Delta R.T.: -0.019 min
Response: 398572596
Conc: 42.43 ng/ml



#2 Decachlorobiphenyl

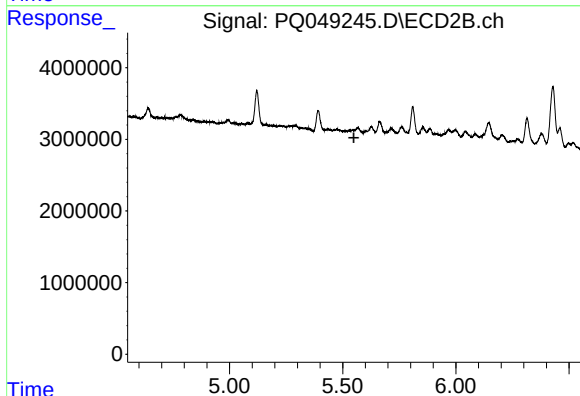
R.T.: 9.641 min
Delta R.T.: -0.006 min
Response: 187392770
Conc: 40.31 ng/ml



#3 AR-1016-1

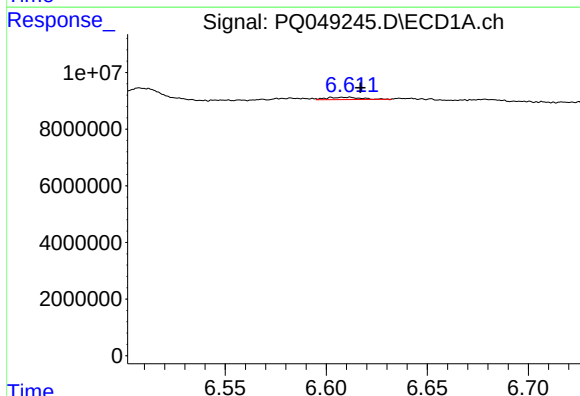
R.T.: 6.583 min
Delta R.T.: -0.010 min
Response: 594779
Conc: 2.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



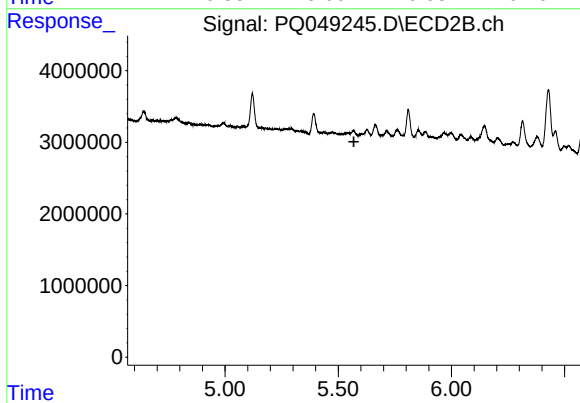
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.550 min
Response: 0
Conc: N.D.



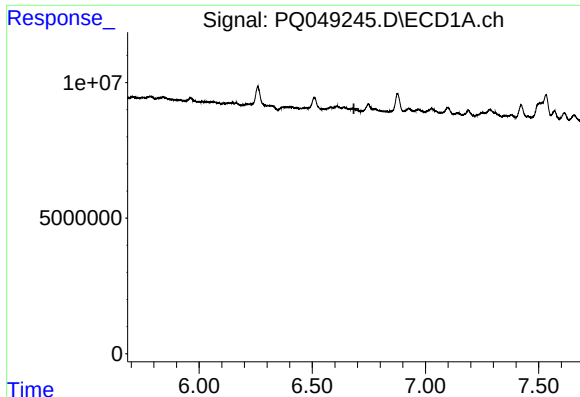
#4 AR-1016-2

R.T.: 6.611 min
Delta R.T.: -0.006 min
Response: 930523
Conc: 2.61 ng/ml



#4 AR-1016-2

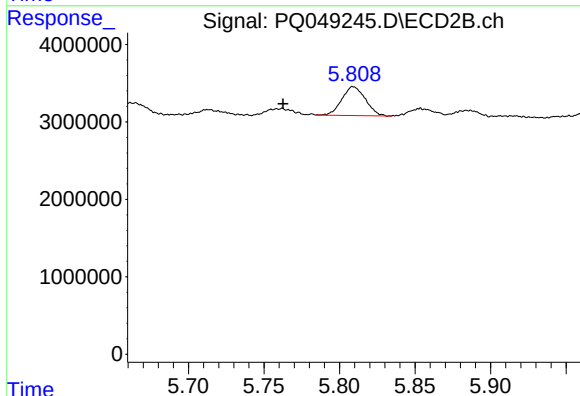
R.T.: 0.000 min
Exp R.T. : 5.569 min
Response: 0
Conc: N.D.



#5 AR-1016-3

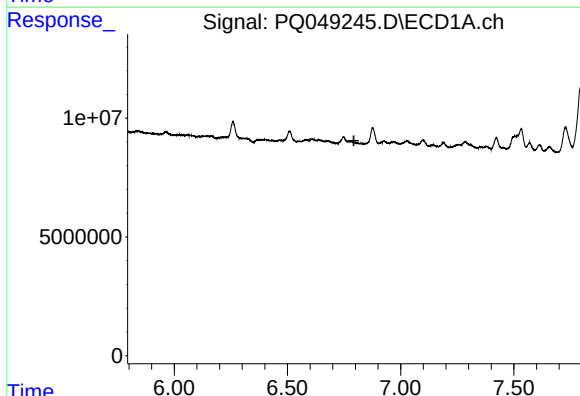
R.T.: 0.000 min
Exp R.T.: 6.684 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



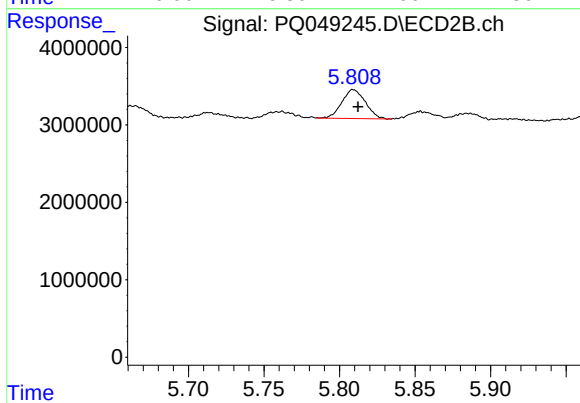
#5 AR-1016-3

R.T.: 5.809 min
Delta R.T.: 0.047 min
Response: 4030672
Conc: 38.97 ng/ml



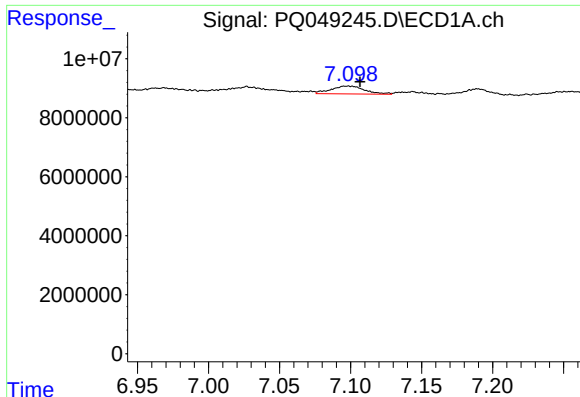
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.794 min
Response: 0
Conc: N.D.



#6 AR-1016-4

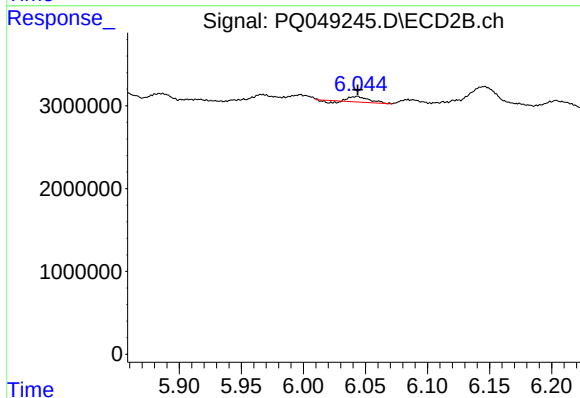
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 4030672
Conc: 49.66 ng/ml



#7 AR-1016-5

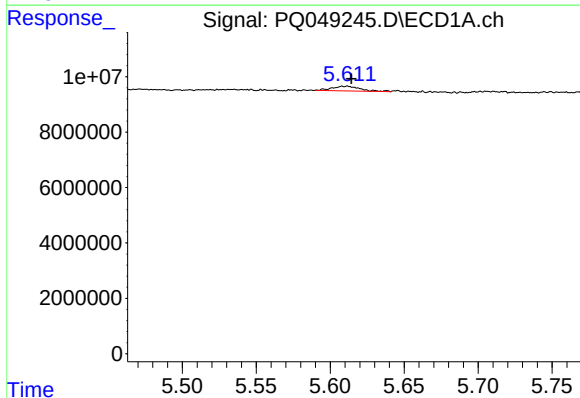
R.T.: 7.098 min
Delta R.T.: -0.008 min
Response: 4464011
Conc: 24.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



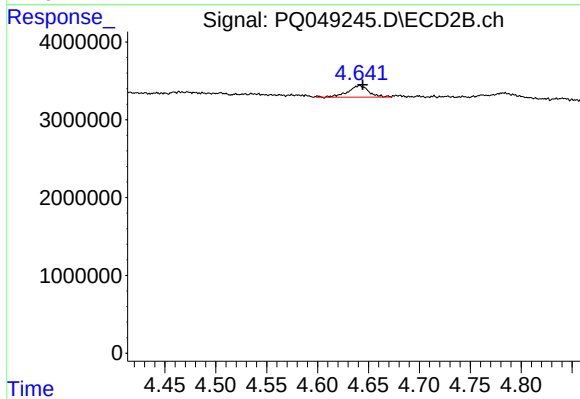
#7 AR-1016-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 618910
Conc: 5.40 ng/ml



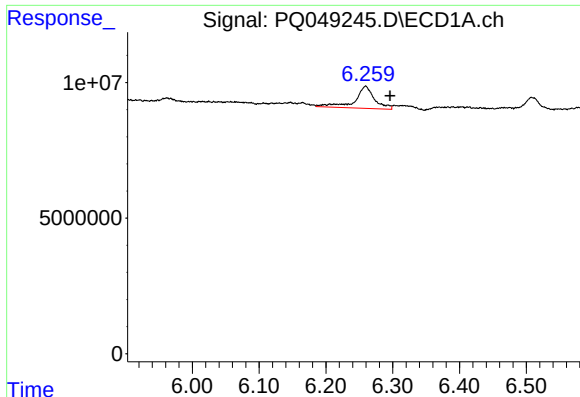
#9 AR-1221-2

R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 2274182
Conc: 39.59 ng/ml



#9 AR-1221-2

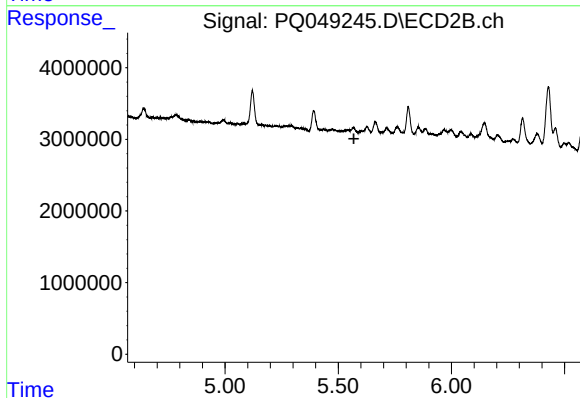
R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 2117278
Conc: 65.98 ng/ml



#12 AR-1232-2

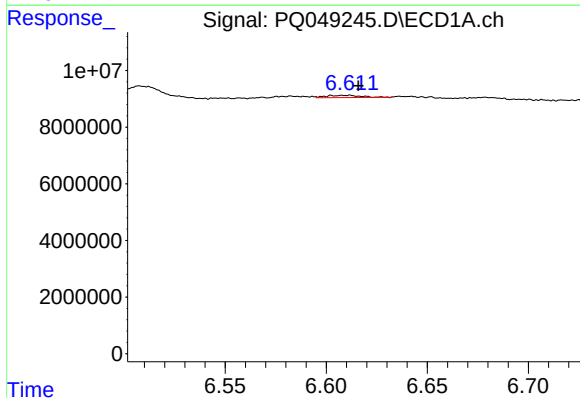
R.T.: 6.260 min
Delta R.T.: -0.037 min
Response: 16626355
Conc: 212.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



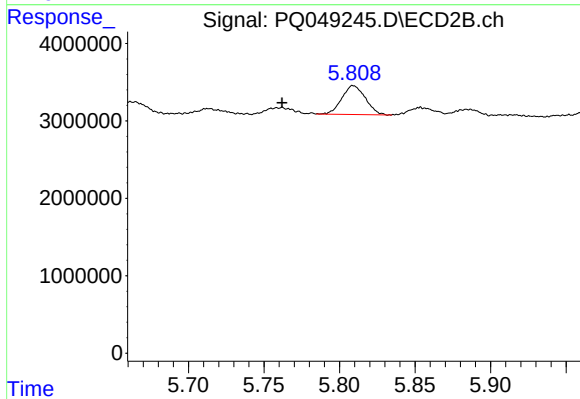
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.569 min
Response: 0
Conc: N.D.



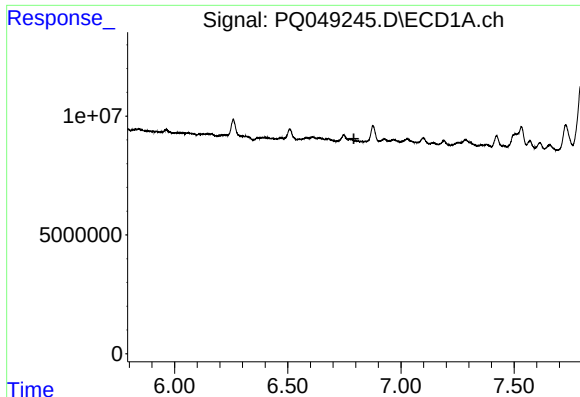
#13 AR-1232-3

R.T.: 6.611 min
Delta R.T.: -0.005 min
Response: 930523
Conc: 5.54 ng/ml



#13 AR-1232-3

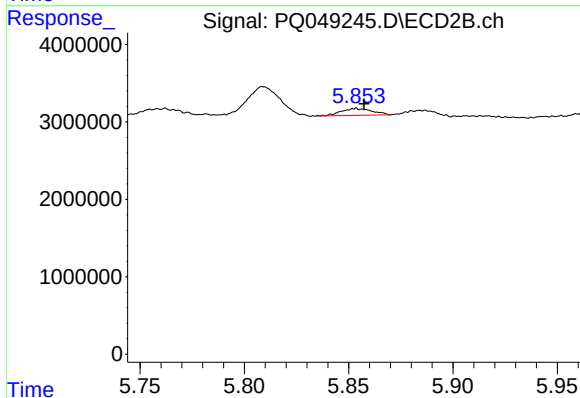
R.T.: 5.809 min
Delta R.T.: 0.047 min
Response: 4030672
Conc: 83.73 ng/ml



#14 AR-1232-4

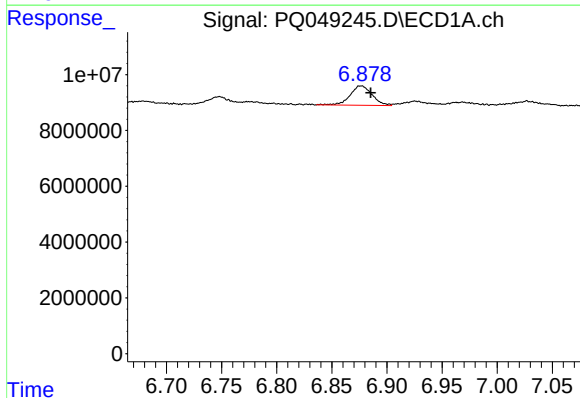
R.T.: 0.000 min
Exp R.T.: 6.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



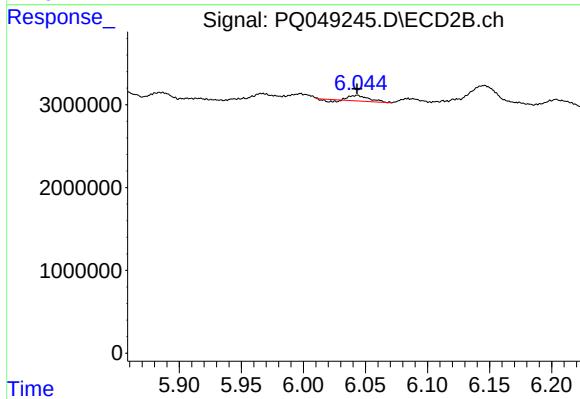
#14 AR-1232-4

R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 922421
Conc: 21.32 ng/ml



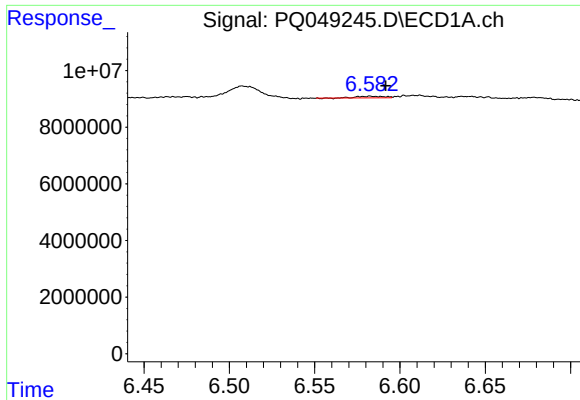
#15 AR-1232-5

R.T.: 6.876 min
Delta R.T.: -0.009 min
Response: 9784859
Conc: 155.55 ng/ml



#15 AR-1232-5

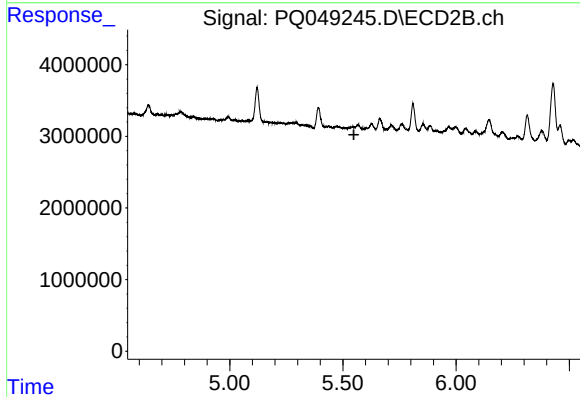
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 618910
Conc: 12.45 ng/ml



#16 AR-1242-1

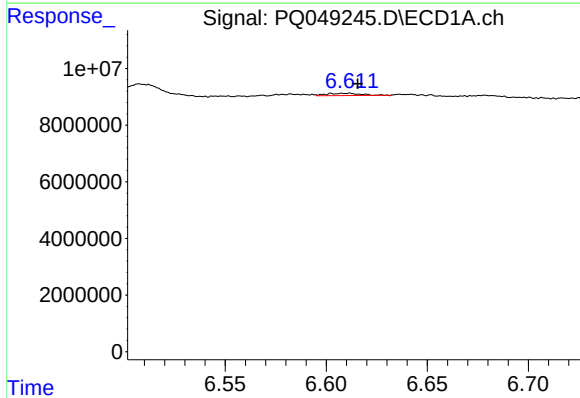
R.T.: 6.583 min
Delta R.T.: -0.009 min
Response: 594779
Conc: 2.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



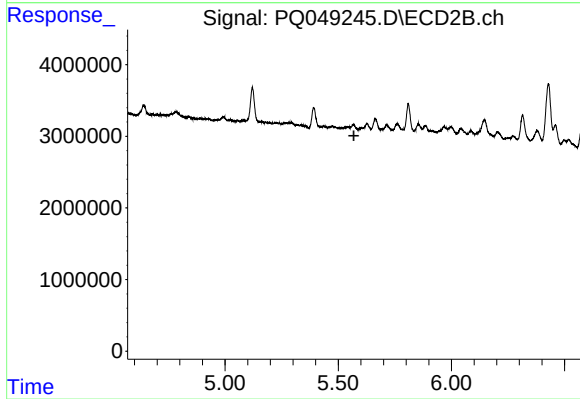
#16 AR-1242-1

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



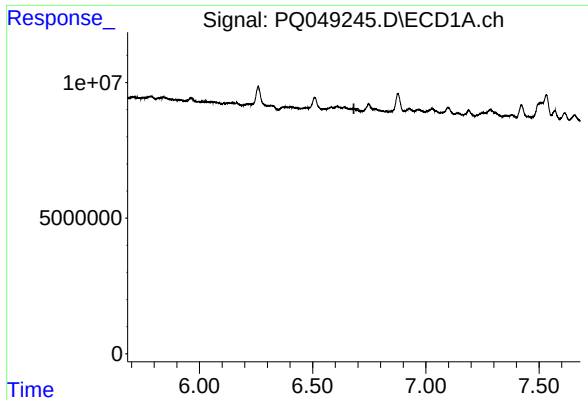
#17 AR-1242-2

R.T.: 6.611 min
Delta R.T.: -0.005 min
Response: 930523
Conc: 2.90 ng/ml



#17 AR-1242-2

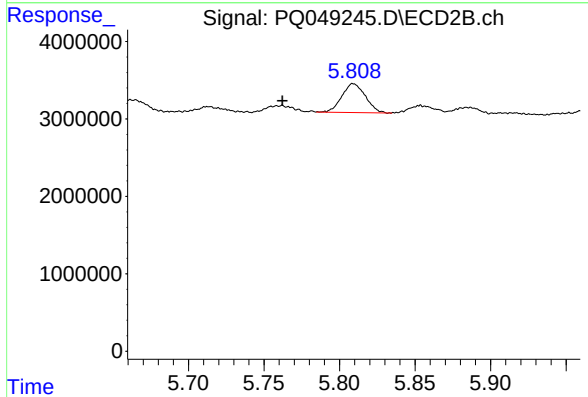
R.T.: 0.000 min
Exp R.T. : 5.569 min
Response: 0
Conc: N.D.



#18 AR-1242-3

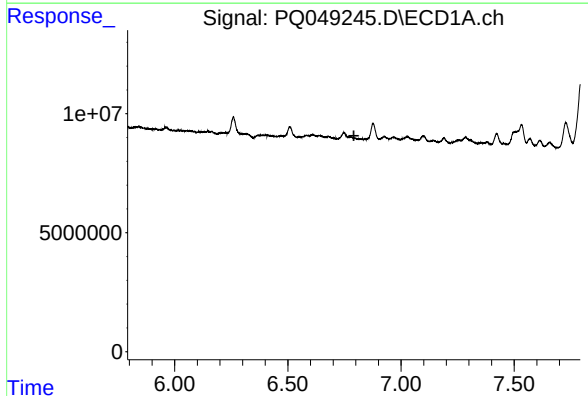
R.T.: 0.000 min
Exp R.T.: 6.682 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



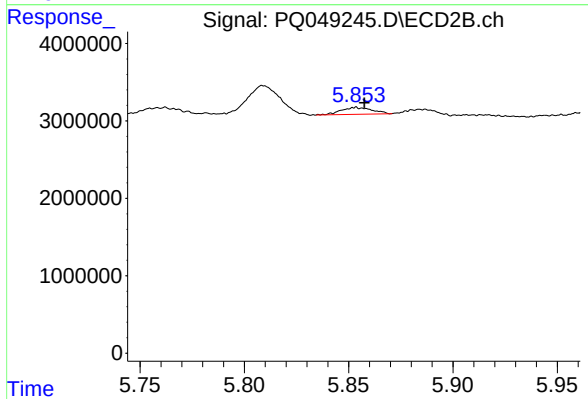
#18 AR-1242-3

R.T.: 5.809 min
Delta R.T.: 0.047 min
Response: 4030672
Conc: 41.95 ng/ml



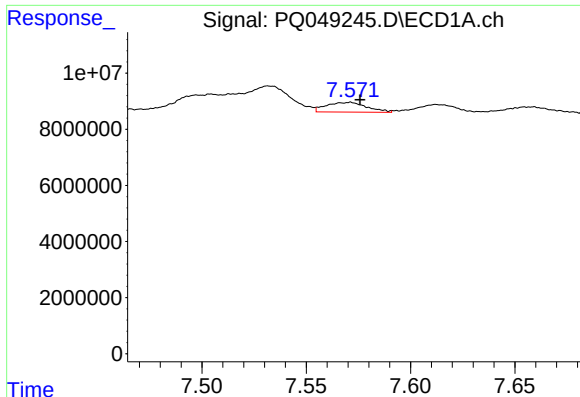
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.792 min
Response: 0
Conc: N.D.



#19 AR-1242-4

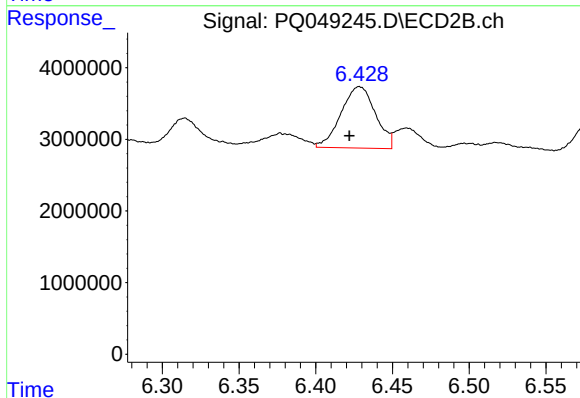
R.T.: 5.854 min
Delta R.T.: -0.004 min
Response: 922421
Conc: 9.72 ng/ml



#20 AR-1242-5

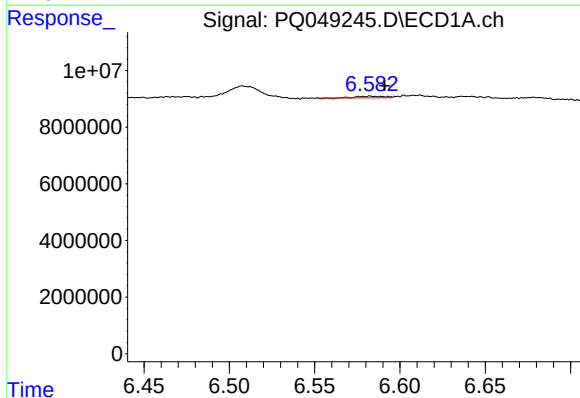
R.T.: 7.571 min
Delta R.T.: -0.005 min
Response: 4658070
Conc: 22.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



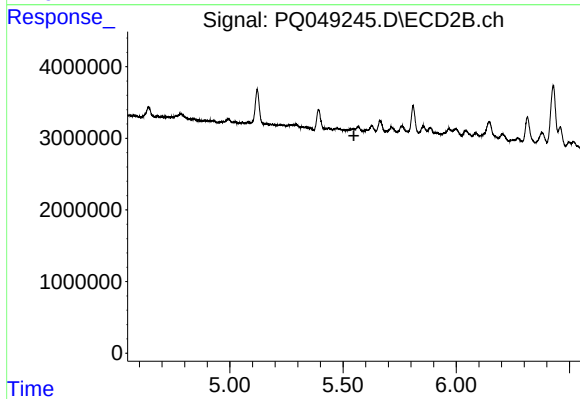
#20 AR-1242-5

R.T.: 6.428 min
Delta R.T.: 0.007 min
Response: 13387700
Conc: 96.26 ng/ml



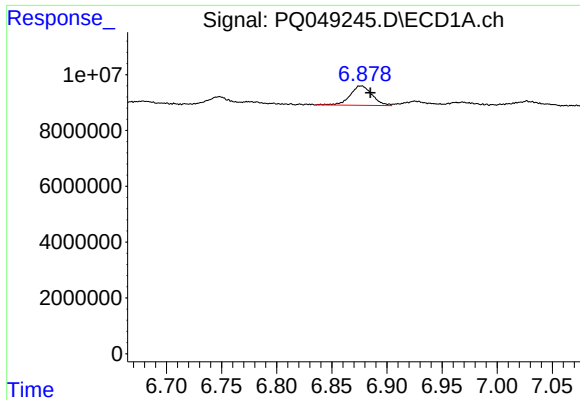
#21 AR-1248-1

R.T.: 6.583 min
Delta R.T.: -0.008 min
Response: 594779
Conc: 3.54 ng/ml



#21 AR-1248-1

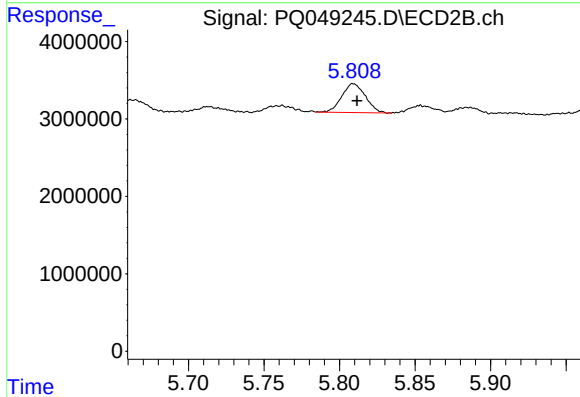
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.



#22 AR-1248-2

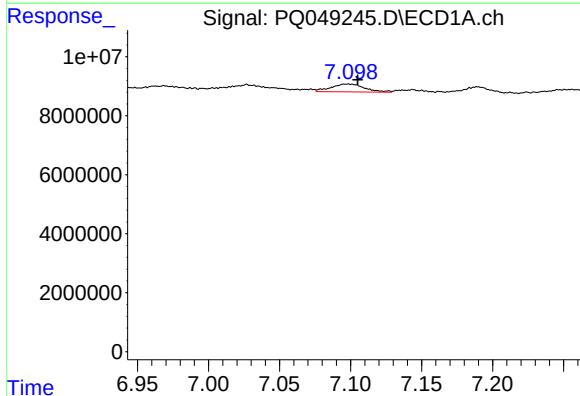
R.T.: 6.876 min
Delta R.T.: -0.009 min
Response: 9784859
Conc: 43.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



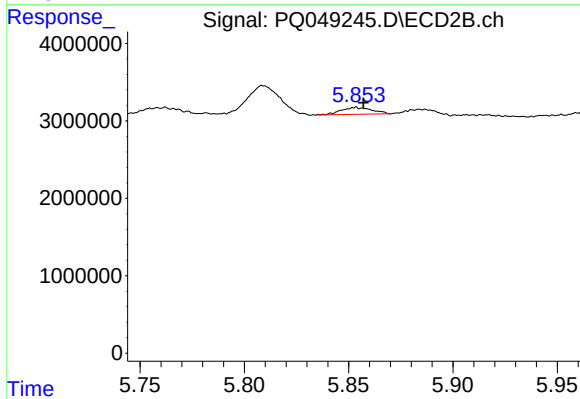
#22 AR-1248-2

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 4030672
Conc: 32.29 ng/ml



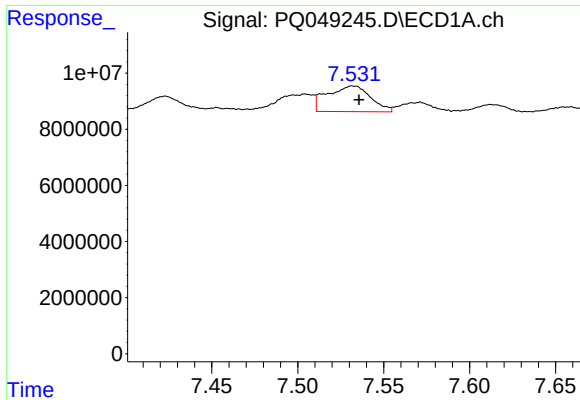
#23 AR-1248-3

R.T.: 7.098 min
Delta R.T.: -0.007 min
Response: 4464011
Conc: 17.47 ng/ml



#23 AR-1248-3

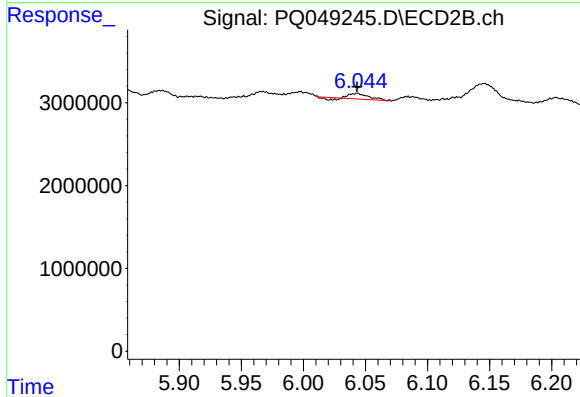
R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 922421
Conc: 7.16 ng/ml



#24 AR-1248-4

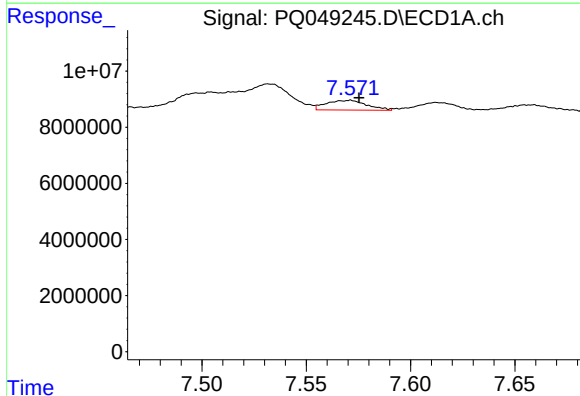
R.T.: 7.532 min
Delta R.T.: -0.003 min
Response: 16035193
Conc: 50.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



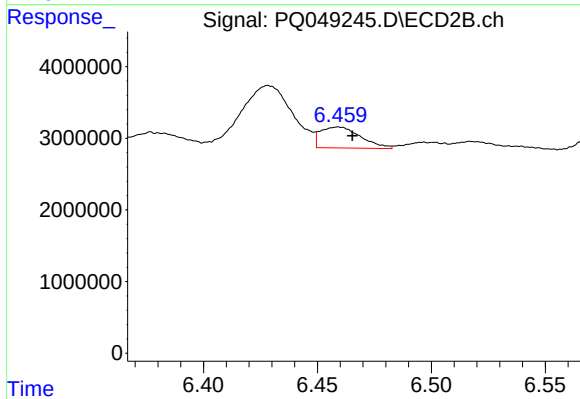
#24 AR-1248-4

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 618910
Conc: 3.87 ng/ml



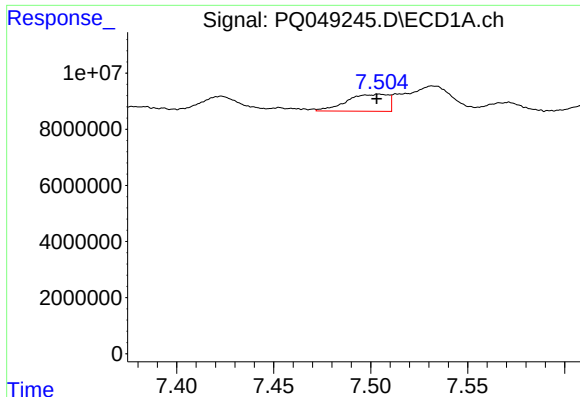
#25 AR-1248-5

R.T.: 7.571 min
Delta R.T.: -0.005 min
Response: 4658070
Conc: 15.40 ng/ml



#25 AR-1248-5

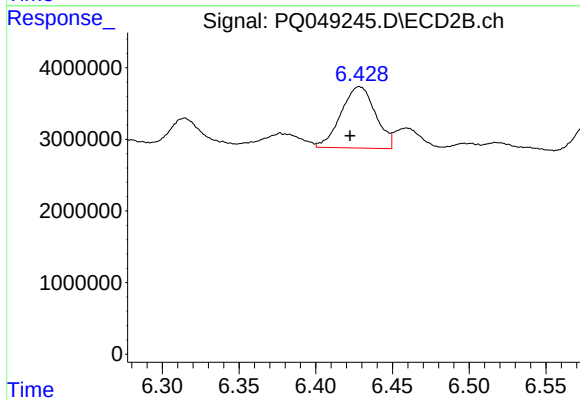
R.T.: 6.459 min
Delta R.T.: -0.006 min
Response: 3581988
Conc: 20.72 ng/ml



#26 AR-1254-1

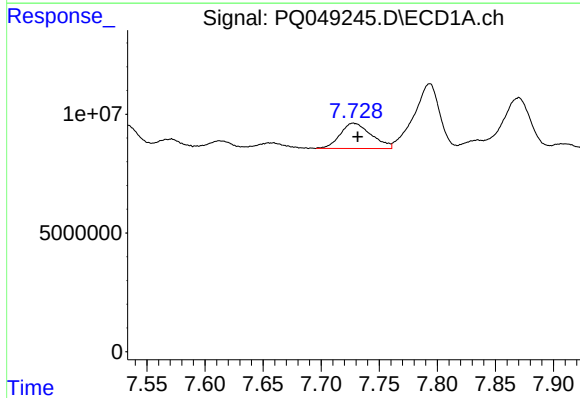
R.T.: 7.505 min
Delta R.T.: 0.002 min
Response: 9006755
Conc: 27.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



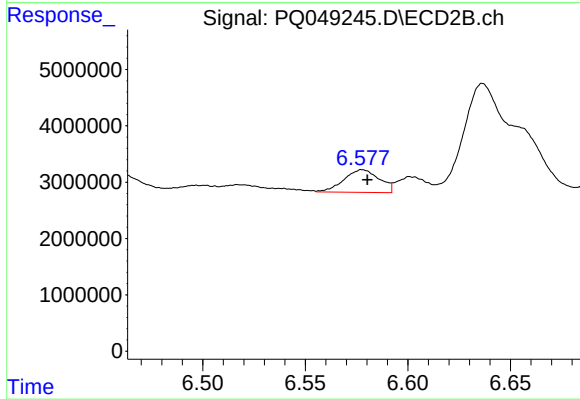
#26 AR-1254-1

R.T.: 6.428 min
Delta R.T.: 0.006 min
Response: 13387700
Conc: 49.22 ng/ml



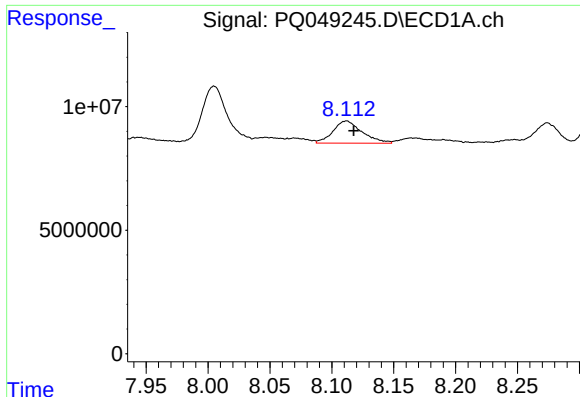
#27 AR-1254-2

R.T.: 7.728 min
Delta R.T.: -0.004 min
Response: 19863129
Conc: 39.23 ng/ml



#27 AR-1254-2

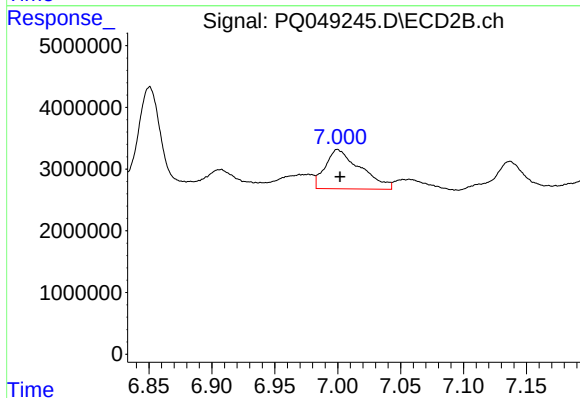
R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 4841638
Conc: 19.85 ng/ml



#28 AR-1254-3

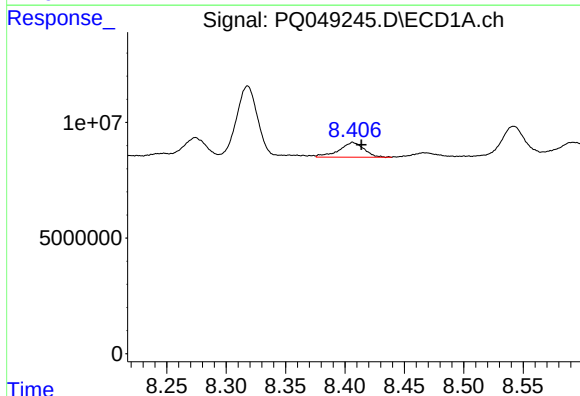
R.T.: 8.112 min
Delta R.T.: -0.006 min
Response: 14677900
Conc: 27.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



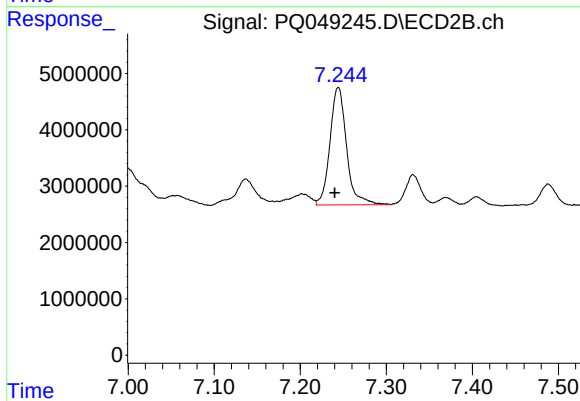
#28 AR-1254-3

R.T.: 7.000 min
Delta R.T.: -0.002 min
Response: 12401751
Conc: 30.75 ng/ml



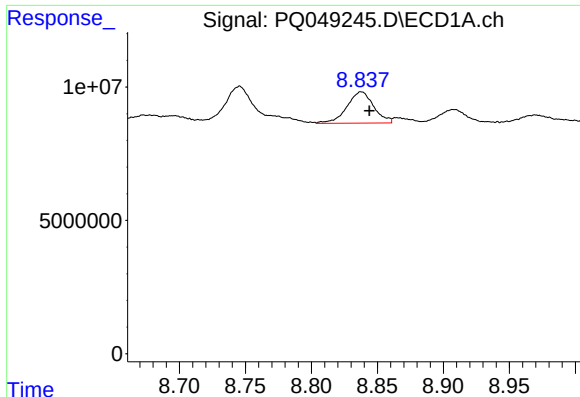
#29 AR-1254-4

R.T.: 8.407 min
Delta R.T.: -0.007 min
Response: 9355154
Conc: 19.98 ng/ml



#29 AR-1254-4

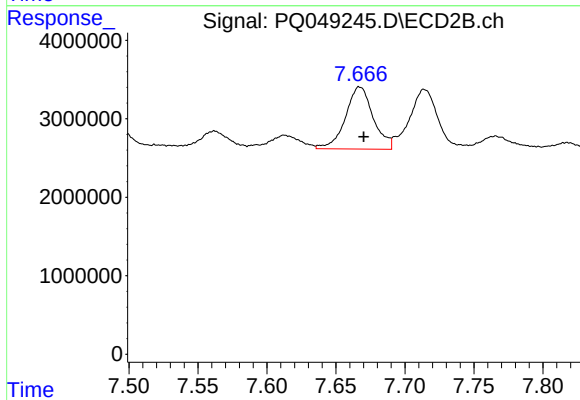
R.T.: 7.244 min
Delta R.T.: 0.004 min
Response: 28015638
Conc: 103.87 ng/ml



#30 AR-1254-5

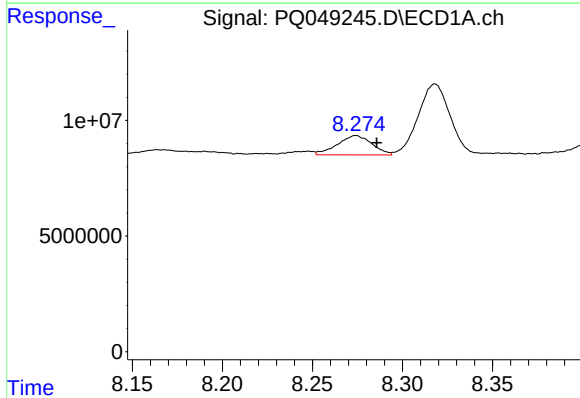
R.T.: 8.838 min
Delta R.T.: -0.006 min
Response: 16636082
Conc: 34.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



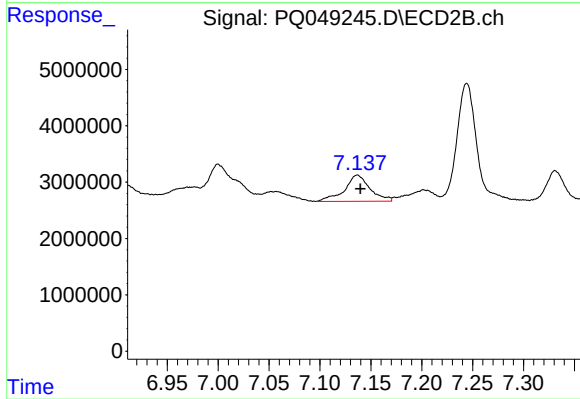
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: -0.003 min
Response: 11085633
Conc: 30.09 ng/ml



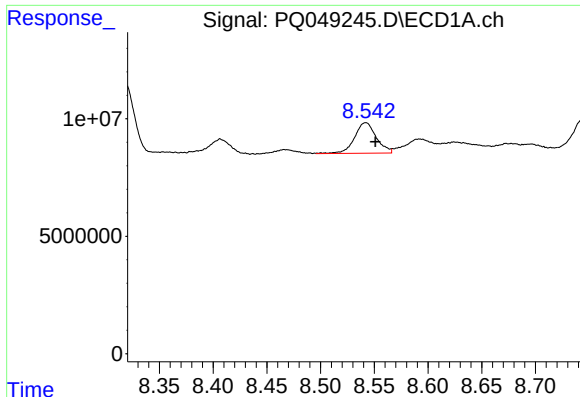
#31 AR-1260-1

R.T.: 8.274 min
Delta R.T.: -0.012 min
Response: 11171050
Conc: 30.54 ng/ml



#31 AR-1260-1

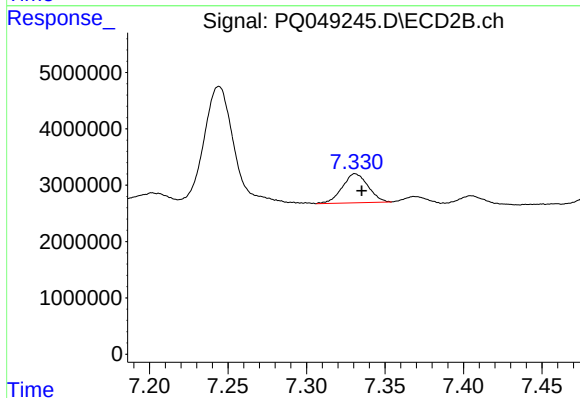
R.T.: 7.137 min
Delta R.T.: -0.003 min
Response: 8107897
Conc: 35.55 ng/ml



#32 AR-1260-2

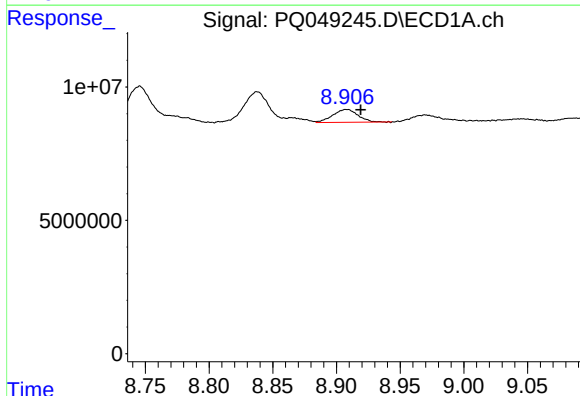
R.T.: 8.542 min
Delta R.T.: -0.009 min
Response: 18348659
Conc: 36.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



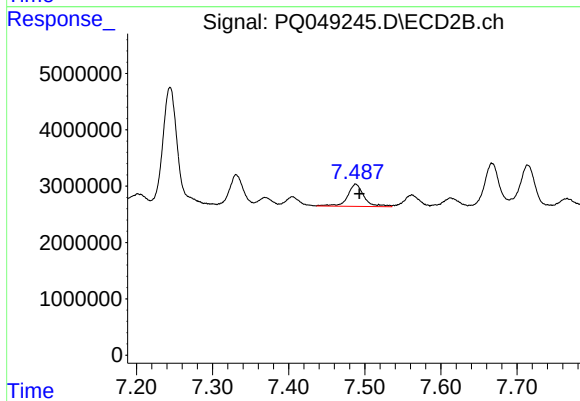
#32 AR-1260-2

R.T.: 7.331 min
Delta R.T.: -0.004 min
Response: 5930785
Conc: 20.50 ng/ml



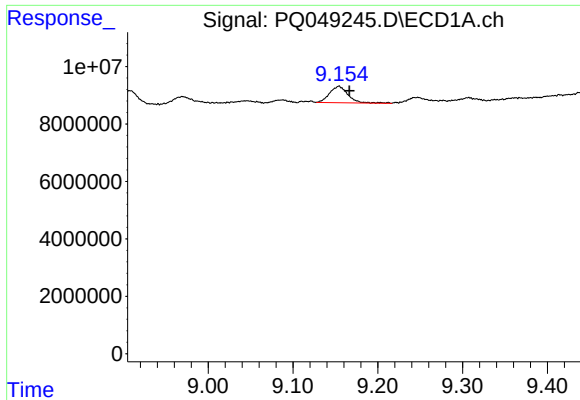
#33 AR-1260-3

R.T.: 8.908 min
Delta R.T.: -0.011 min
Response: 6680413
Conc: 15.89 ng/ml



#33 AR-1260-3

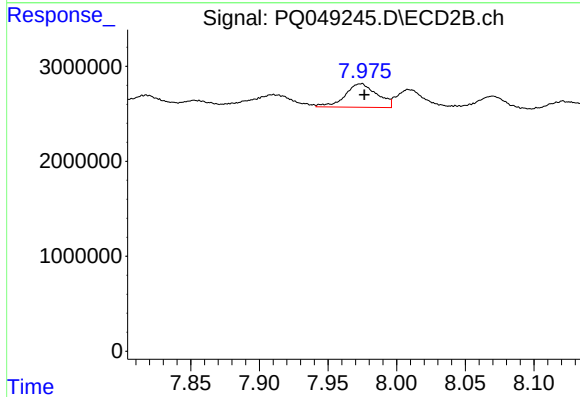
R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 5915647
Conc: 22.87 ng/ml



#34 AR-1260-4

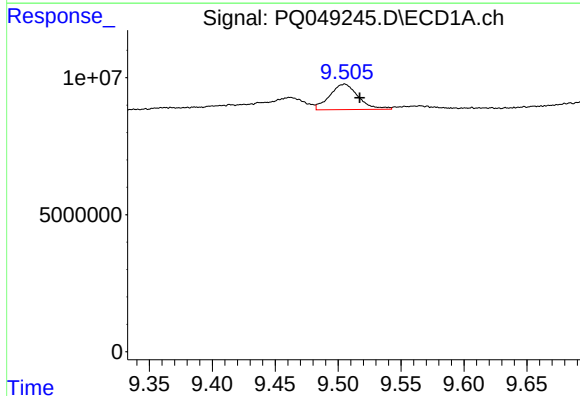
R.T.: 9.154 min
Delta R.T.: -0.012 min
Response: 8634233
Conc: 20.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



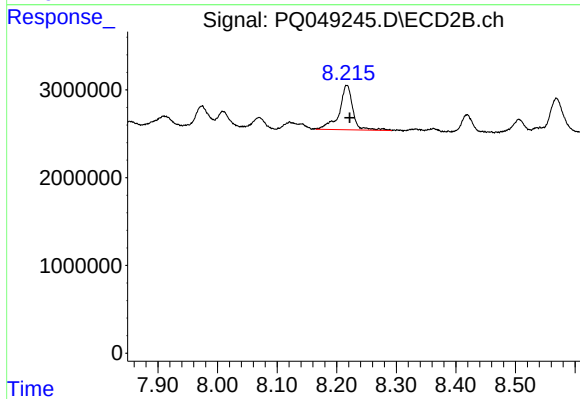
#34 AR-1260-4

R.T.: 7.974 min
Delta R.T.: -0.002 min
Response: 4002020
Conc: 17.55 ng/ml



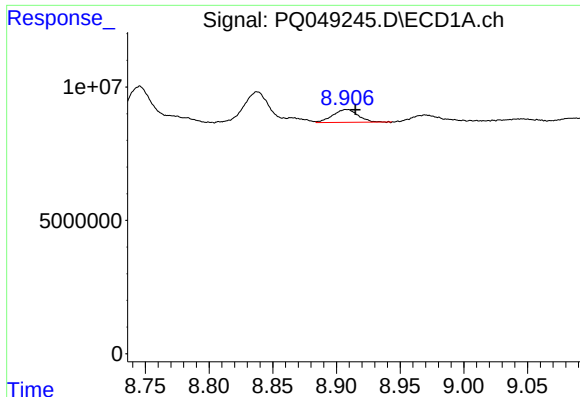
#35 AR-1260-5

R.T.: 9.505 min
Delta R.T.: -0.012 min
Response: 14696204
Conc: 14.35 ng/ml



#35 AR-1260-5

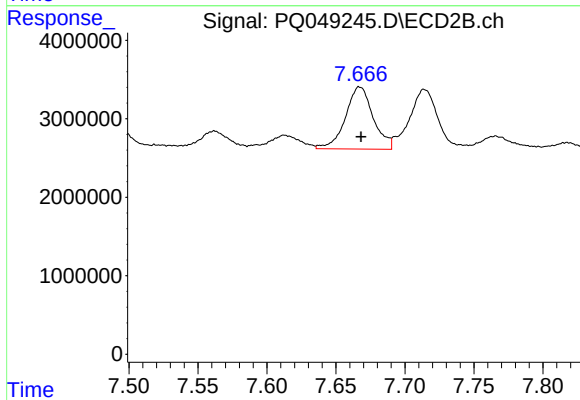
R.T.: 8.217 min
Delta R.T.: -0.005 min
Response: 8087013
Conc: 13.61 ng/ml



#36 AR-1262-1

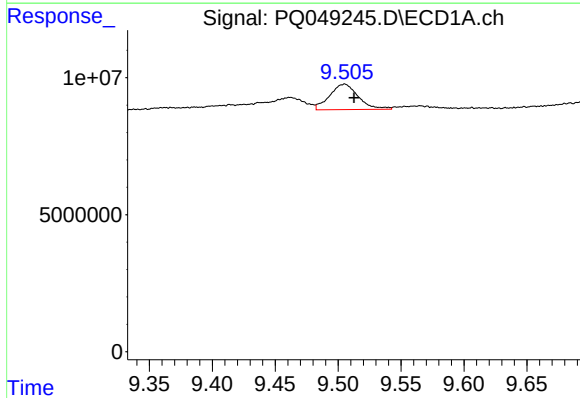
R.T.: 8.908 min
Delta R.T.: -0.007 min
Response: 6680413
Conc: 9.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



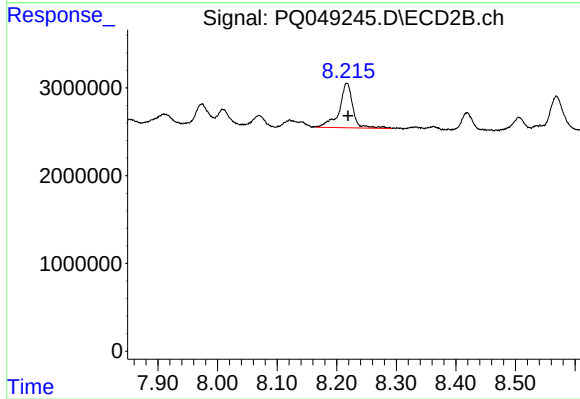
#36 AR-1262-1

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 11085633
Conc: 53.11 ng/ml



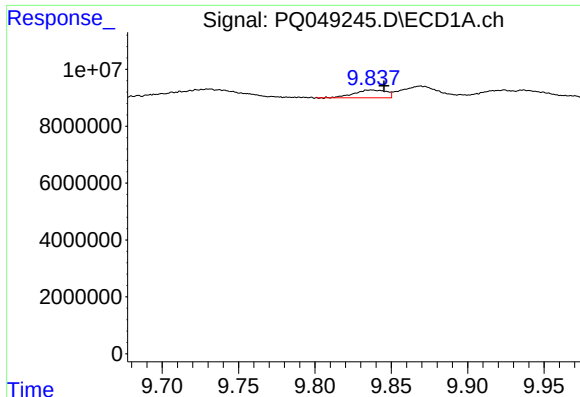
#37 AR-1262-2

R.T.: 9.505 min
Delta R.T.: -0.007 min
Response: 14696204
Conc: 10.82 ng/ml



#37 AR-1262-2

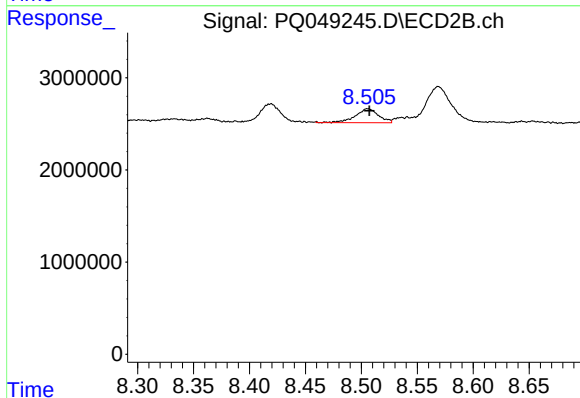
R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 8087013
Conc: 10.23 ng/ml



#38 AR-1262-3

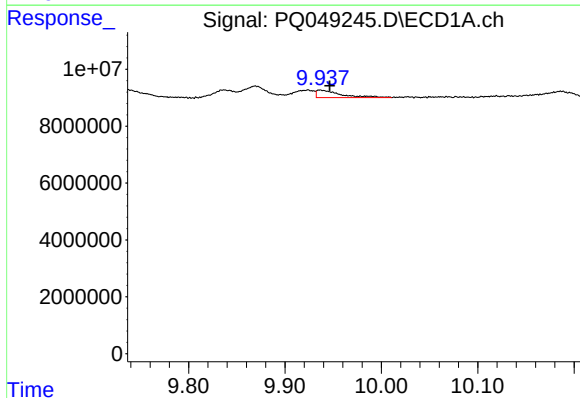
R.T.: 9.837 min
Delta R.T.: -0.008 min
Response: 4041073
Conc: 6.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



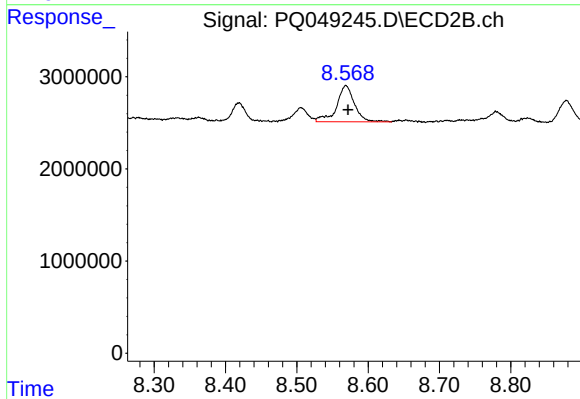
#38 AR-1262-3

R.T.: 8.506 min
Delta R.T.: -0.002 min
Response: 2154927
Conc: 6.68 ng/ml



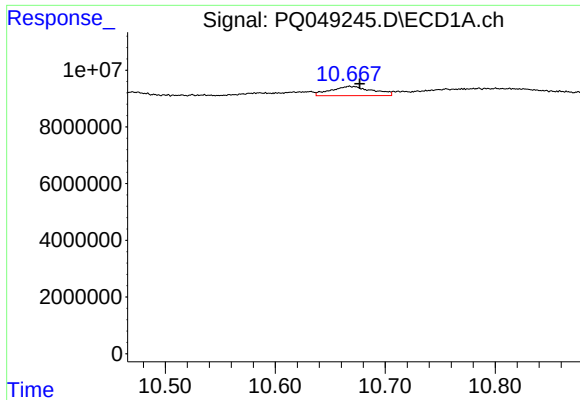
#39 AR-1262-4

R.T.: 9.936 min
Delta R.T.: -0.010 min
Response: 4603862
Conc: 6.27 ng/ml



#39 AR-1262-4

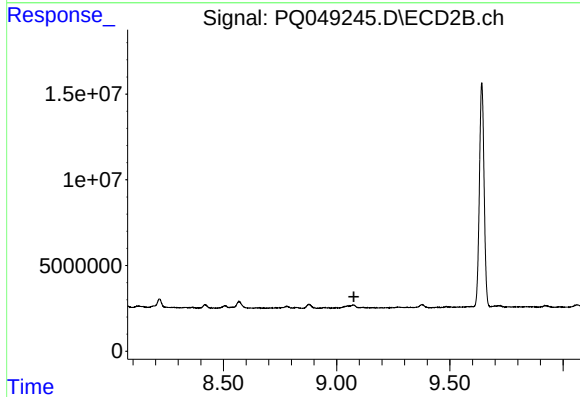
R.T.: 8.569 min
Delta R.T.: -0.003 min
Response: 6815814
Conc: 11.56 ng/ml



#40 AR-1262-5

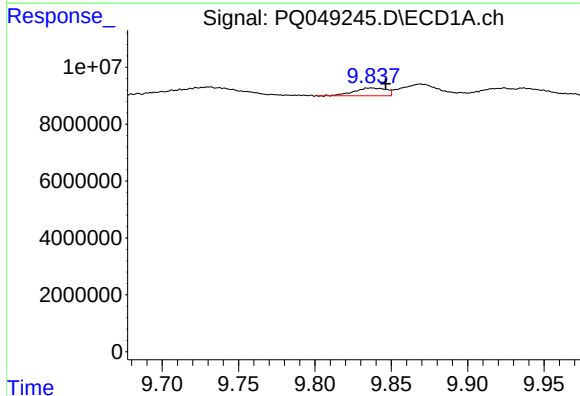
R.T.: 10.667 min
Delta R.T.: -0.009 min
Response: 8652731
Conc: 15.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



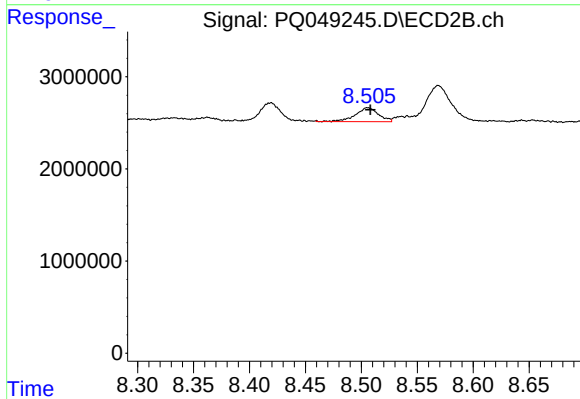
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.076 min
Response: 0
Conc: N.D.



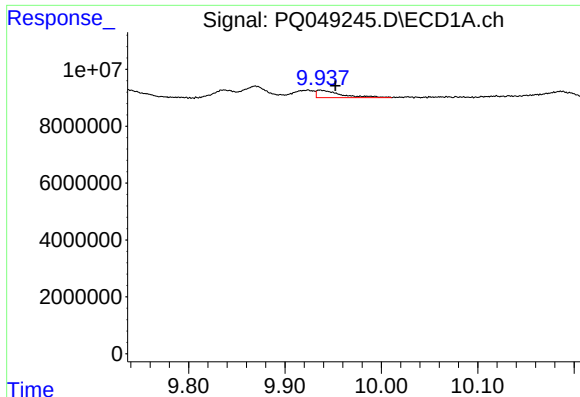
#41 AR-1268-1

R.T.: 9.837 min
Delta R.T.: -0.010 min
Response: 4041073
Conc: 2.35 ng/ml



#41 AR-1268-1

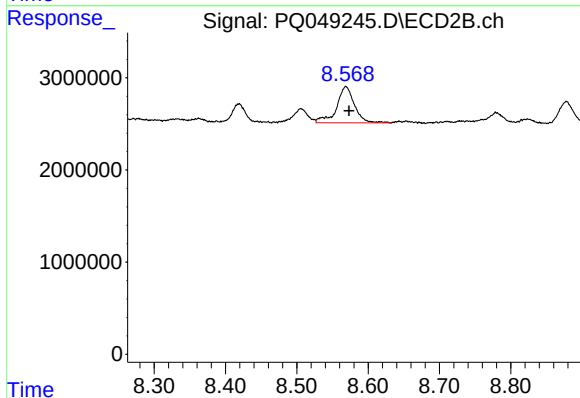
R.T.: 8.506 min
Delta R.T.: -0.002 min
Response: 2154927
Conc: 2.33 ng/ml



#42 AR-1268-2

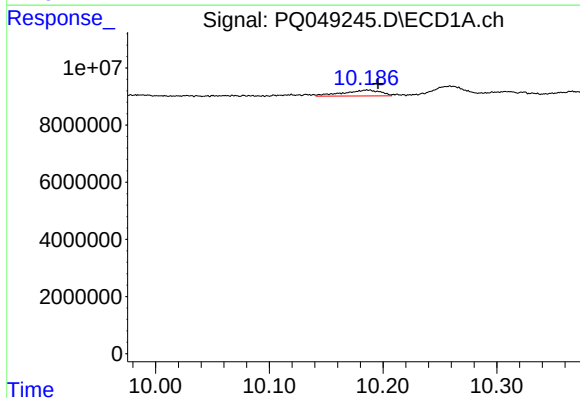
R.T.: 9.936 min
Delta R.T.: -0.016 min
Response: 4603862
Conc: 2.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



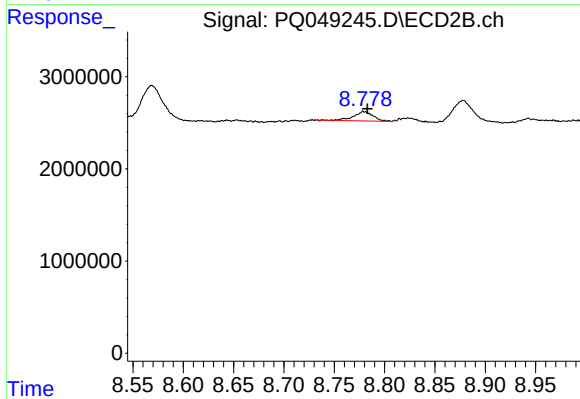
#42 AR-1268-2

R.T.: 8.569 min
Delta R.T.: -0.004 min
Response: 6815814
Conc: 7.92 ng/ml



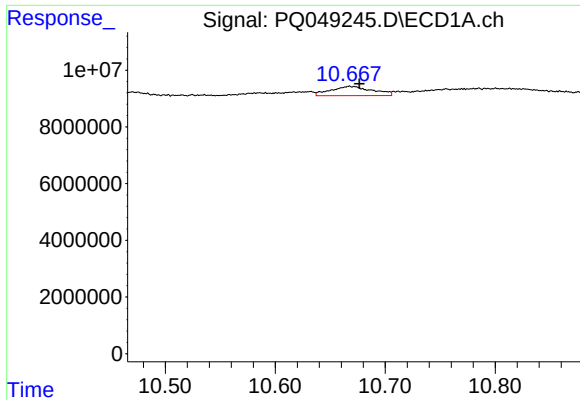
#43 AR-1268-3

R.T.: 10.186 min
Delta R.T.: -0.009 min
Response: 4583039
Conc: 3.32 ng/ml



#43 AR-1268-3

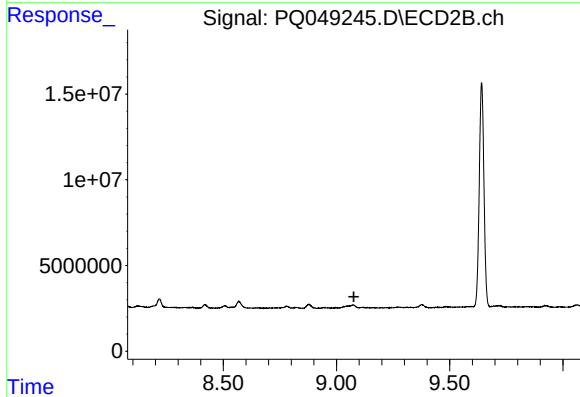
R.T.: 8.779 min
Delta R.T.: -0.004 min
Response: 1408735
Conc: 1.96 ng/ml



#44 AR-1268-4

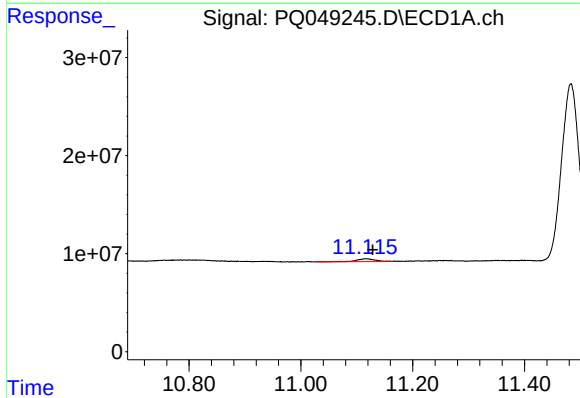
R.T.: 10.667 min
Delta R.T.: -0.009 min
Response: 8652731
Conc: 14.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



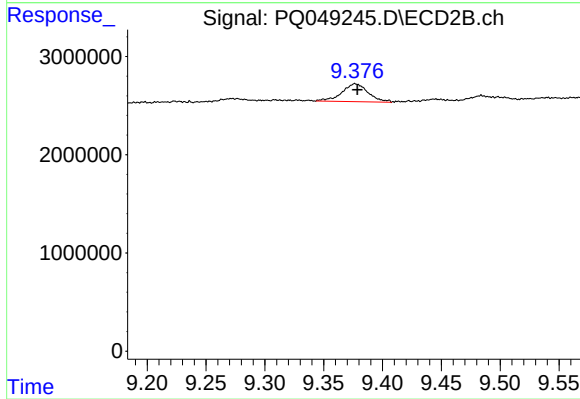
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.077 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.116 min
Delta R.T.: -0.012 min
Response: 7228932
Conc: 1.68 ng/ml



#45 AR-1268-5

R.T.: 9.377 min
Delta R.T.: -0.002 min
Response: 2845987
Conc: 1.24 ng/ml