

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082120\
 Data File : PQ049515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2020 12:46
 Operator : DD\AJ
 Sample : MDL-AR1262-W-4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 14:00:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 20 06:27:32 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...	5.251	4.289	108.2E6	65216450	19.880	18.400
2)	SA Decachlor...	11.480	9.648	305.3E6	190.5E6	31.561	33.675
Target Compounds							
3)	L1 AR-1016-1	0.000	5.572	0	141843	N.D.	0.843 #
4)	L1 AR-1016-2	0.000	5.572	0	141843	N.D.	0.619 #
5)	L1 AR-1016-3	0.000	5.816	0	355982	N.D.	2.982 #
6)	L1 AR-1016-4	0.000	5.816	0	355982	N.D.	4.019 #
8)	L2 AR-1221-1	0.000	4.482	0	75669	N.D.	1.776 #
9)	L2 AR-1221-2	5.608	4.643	1444157	1012735	28.924	31.830
10)	L2 AR-1221-3	0.000	4.730	0	221356	N.D.	2.073 #
11)	L3 AR-1232-1	0.000	4.730	0	221356	N.D.	2.719 #
12)	L3 AR-1232-2	6.315	5.572	3321753	141843	49.642	1.466 #
13)	L3 AR-1232-3	0.000	5.816	0	355982	N.D.	7.263 #
14)	L3 AR-1232-4	0.000	5.859	0	293235	N.D.	6.694 #
16)	L4 AR-1242-1	0.000	5.572	0	141843	N.D.	1.022 #
17)	L4 AR-1242-2	0.000	5.572	0	141843	N.D.	0.750 #
18)	L4 AR-1242-3	0.000	5.816	0	355982	N.D.	3.603 #
19)	L4 AR-1242-4	0.000	5.859	0	293235	N.D.	3.084 #
20)	L4 AR-1242-5	0.000	6.427	0	267723	N.D.	1.873 #
21)	L5 AR-1248-1	0.000	5.572	0	141843	N.D.	1.335 #
22)	L5 AR-1248-2	0.000	5.816	0	355982	N.D.	2.733 #
23)	L5 AR-1248-3	0.000	5.859	0	293235	N.D.	2.152 #
24)	L5 AR-1248-4	7.497	6.066	19731606	-530569	65.526	N.D. #
25)	L5 AR-1248-5	0.000	6.452	0	203197	N.D.	1.062 #
26)	L6 AR-1254-1	7.497	6.427	19731606	267723	66.113	0.874 #
27)	L6 AR-1254-2	7.723	6.584	1806132	1140035	3.757	4.054
28)	L6 AR-1254-3	8.163	7.024	7026014	7552133	13.411	15.841
29)	L6 AR-1254-4	8.401	7.275	459213	506330	1.038	1.491 #
30)	L6 AR-1254-5	8.834	7.673	8692778	5170597	18.725	11.512 #
31)	L7 AR-1260-1	8.274	7.143	5948862	5741585	16.876	19.829
32)	L7 AR-1260-2	8.540	7.338	9409443	7463603	20.804	19.345
33)	L7 AR-1260-3	8.907	7.498	12348948	6290110	31.628	19.382 #
34)	L7 AR-1260-4	9.155	7.978	14312948	8695521	33.838	29.796
35)	L7 AR-1260-5	9.504	8.224	22879287	18304483	23.323	23.031
36)	L8 AR-1262-1	8.907	7.673	12348948	5170597	20.497	21.677
37)	L8 AR-1262-2	9.504	8.224	22879287	18304483	19.322	19.359
38)	L8 AR-1262-3	9.836	8.512	15793878	8355906	27.479	21.498
39)	L8 AR-1262-4	9.936	8.577	12961670	13535695	19.207	19.763
40)	L8 AR-1262-5	10.665	9.082	12152356	5795987	23.378	17.461 #
41)	L9 AR-1268-1	9.836	8.512	15793878	8355906	9.948	7.035 #
42)	L9 AR-1268-2	9.936	8.577	12961670	13535695	8.673	12.673 #
43)	L9 AR-1268-3	10.185	8.787	5203560	3013318	3.921	3.345

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Integration File signal 1: autoint1.e
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 Quant Time: Aug 21 14:00:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ081920CLP.M
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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
44) L9	AR-1268-4	10.665	9.082	12152356	5795987	19.814	14.916
45) L9	AR-1268-5	11.115	9.384	6993286	3610960	1.690	1.341

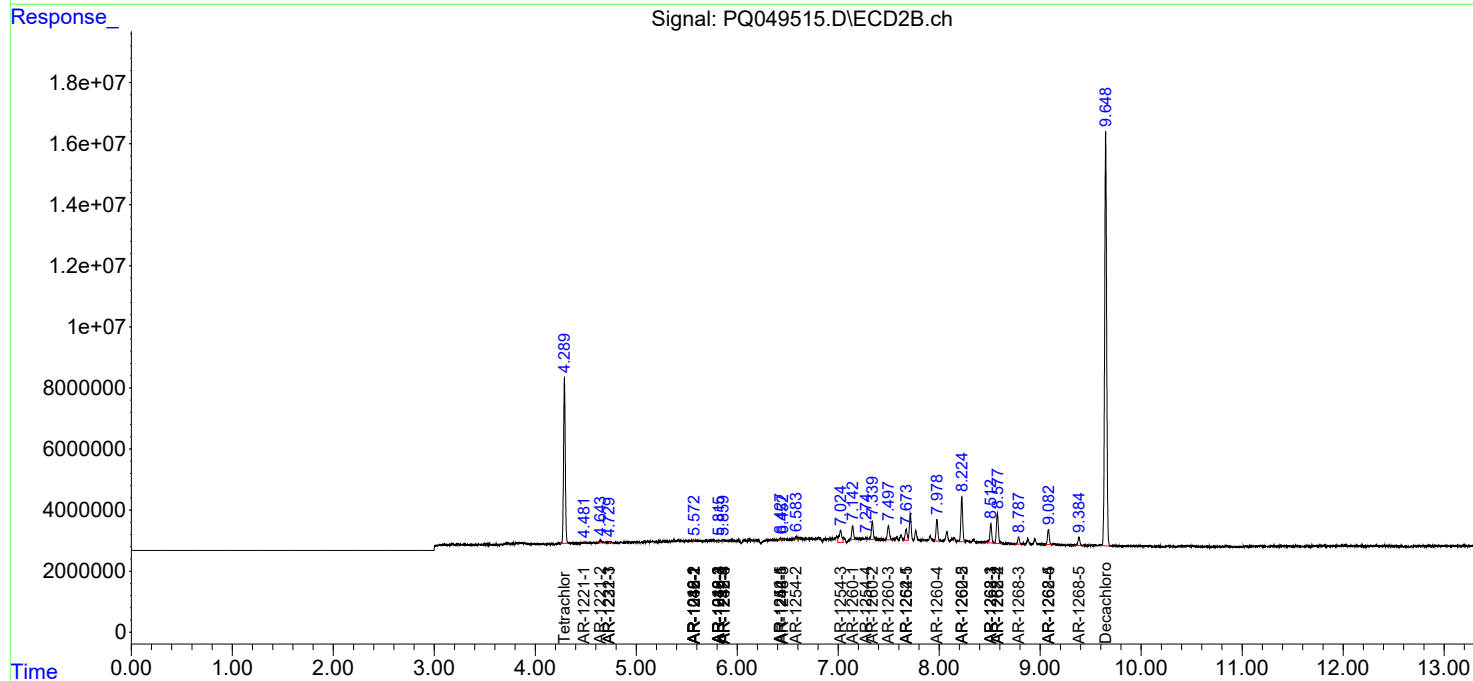
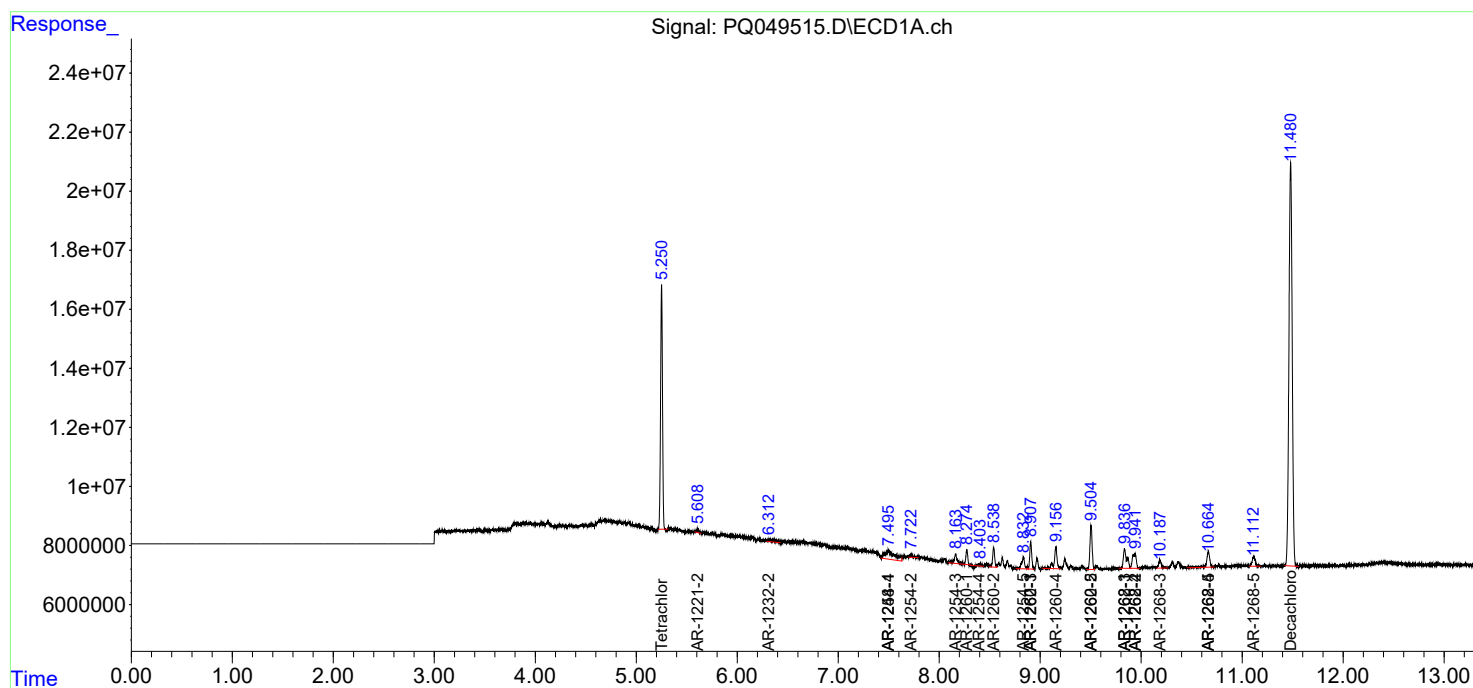
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

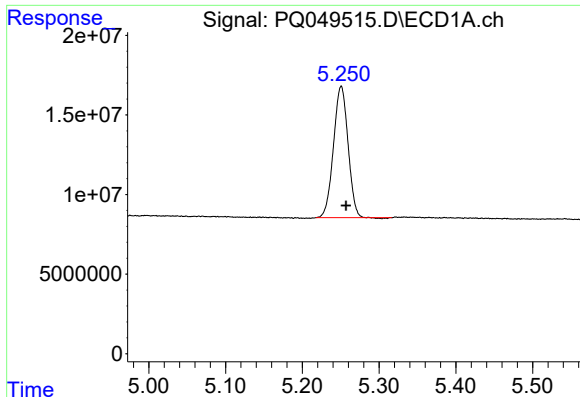
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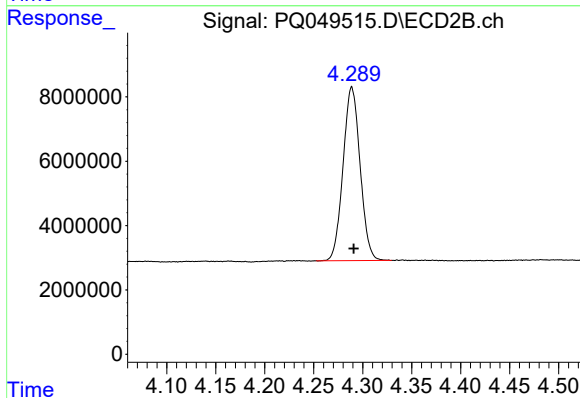




#1 Tetrachloro-m-xylene

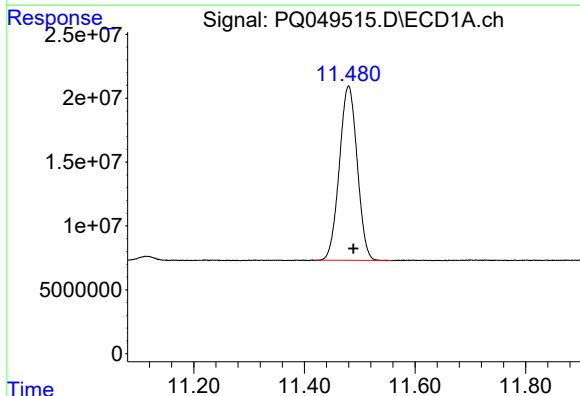
R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 108213040
Conc: 19.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



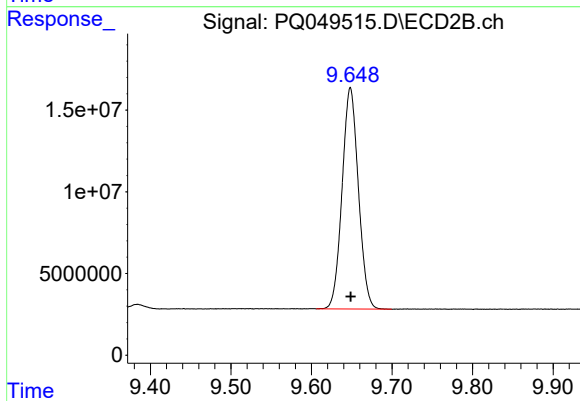
#1 Tetrachloro-m-xylene

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 65216450
Conc: 18.40 ng/ml



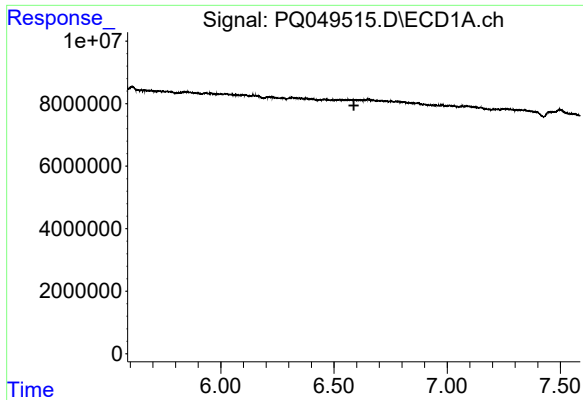
#2 Decachlorobiphenyl

R.T.: 11.480 min
Delta R.T.: -0.009 min
Response: 305329812
Conc: 31.56 ng/ml



#2 Decachlorobiphenyl

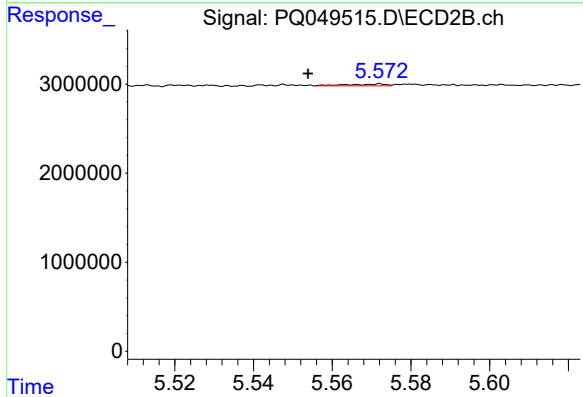
R.T.: 9.648 min
Delta R.T.: 0.000 min
Response: 190476945
Conc: 33.67 ng/ml



#3 AR-1016-1

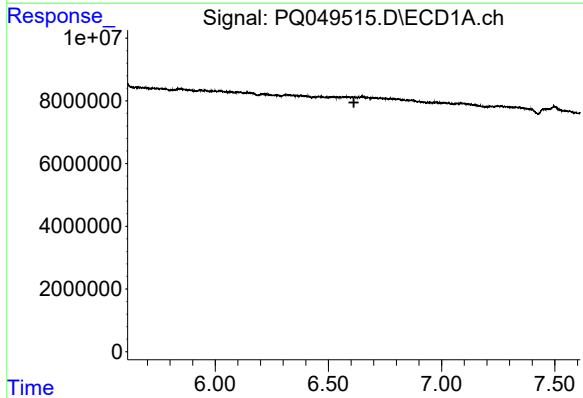
R.T.: 0.000 min
Exp R.T.: 6.588 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



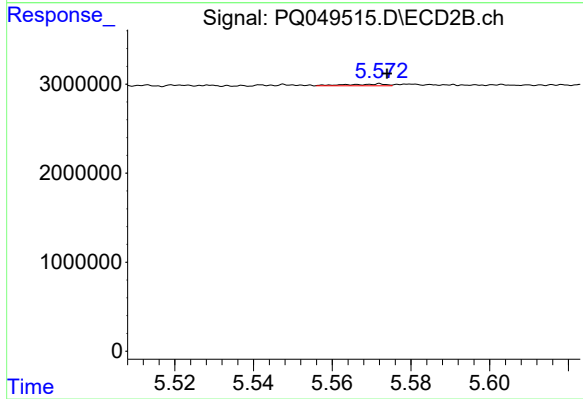
#3 AR-1016-1

R.T.: 5.572 min
Delta R.T.: 0.018 min
Response: 141843
Conc: 0.84 ng/ml



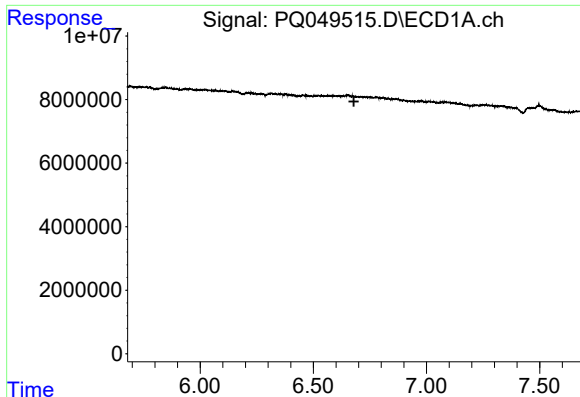
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.613 min
Response: 0
Conc: N.D.



#4 AR-1016-2

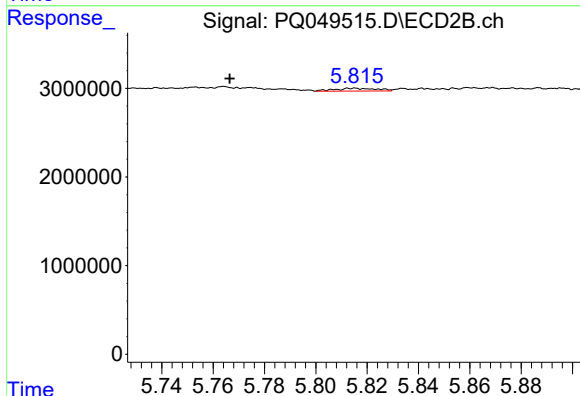
R.T.: 5.572 min
Delta R.T.: -0.002 min
Response: 141843
Conc: 0.62 ng/ml



#5 AR-1016-3

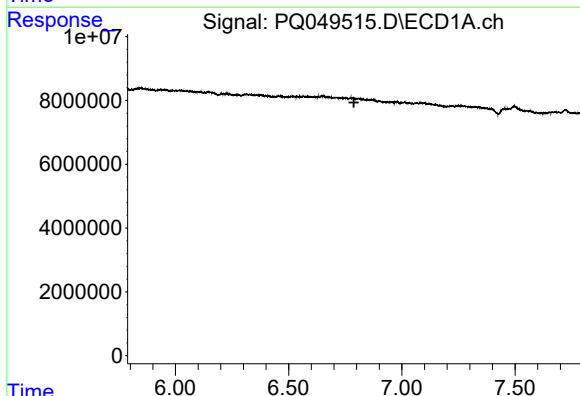
R.T.: 0.000 min
Exp R.T.: 6.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



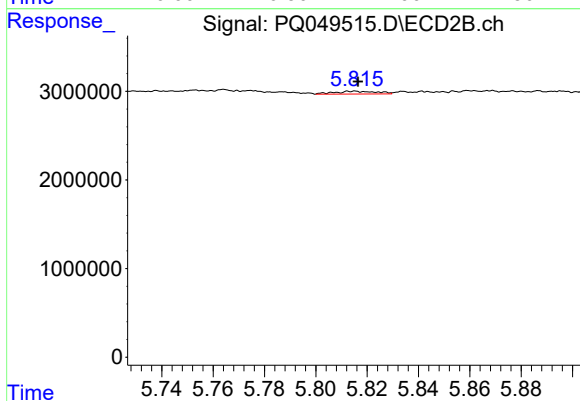
#5 AR-1016-3

R.T.: 5.816 min
Delta R.T.: 0.049 min
Response: 355982
Conc: 2.98 ng/ml



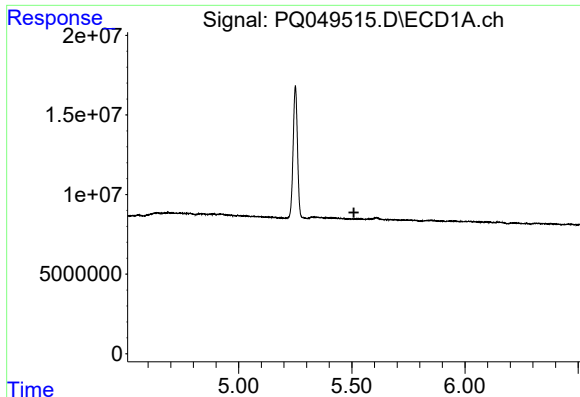
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.788 min
Response: 0
Conc: N.D.



#6 AR-1016-4

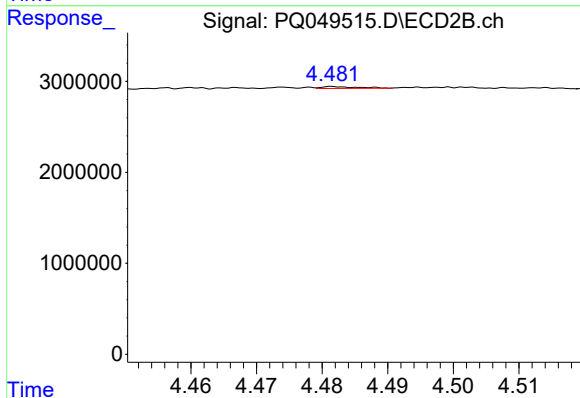
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 355982
Conc: 4.02 ng/ml



#8 AR-1221-1

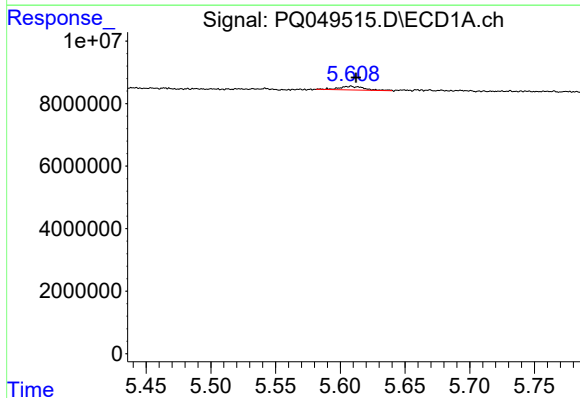
R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



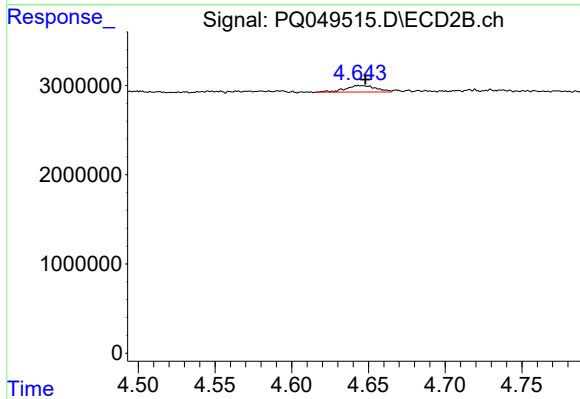
#8 AR-1221-1

R.T.: 4.482 min
Delta R.T.: -0.066 min
Response: 75669
Conc: 1.78 ng/ml



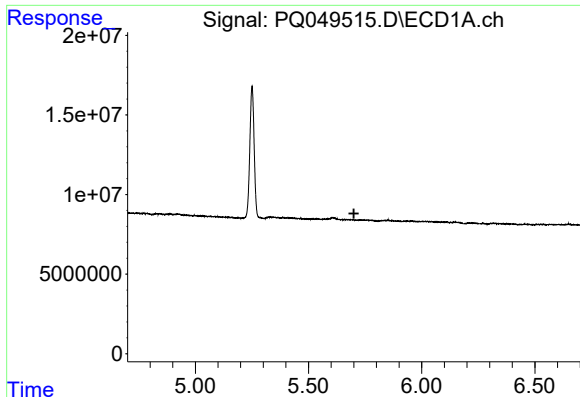
#9 AR-1221-2

R.T.: 5.608 min
Delta R.T.: -0.004 min
Response: 1444157
Conc: 28.92 ng/ml



#9 AR-1221-2

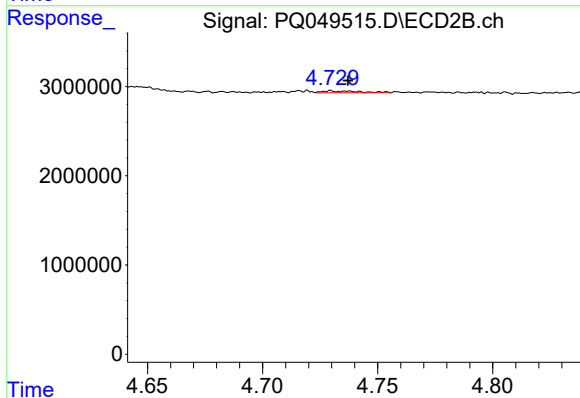
R.T.: 4.643 min
Delta R.T.: -0.005 min
Response: 1012735
Conc: 31.83 ng/ml



#10 AR-1221-3

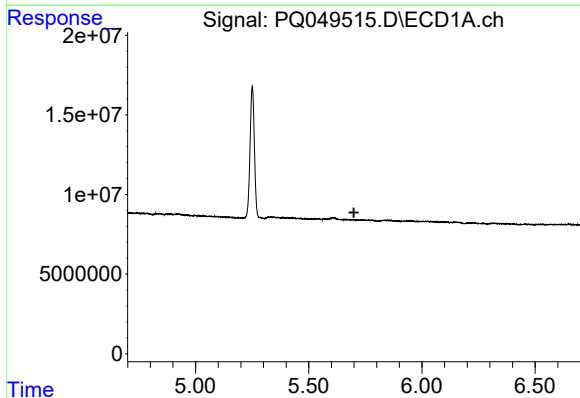
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



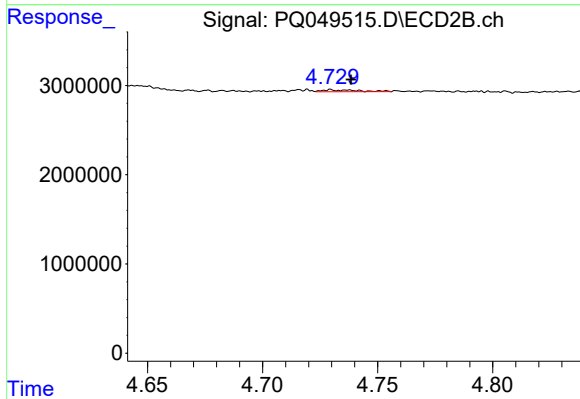
#10 AR-1221-3

R.T.: 4.730 min
Delta R.T.: -0.007 min
Response: 221356
Conc: 2.07 ng/ml



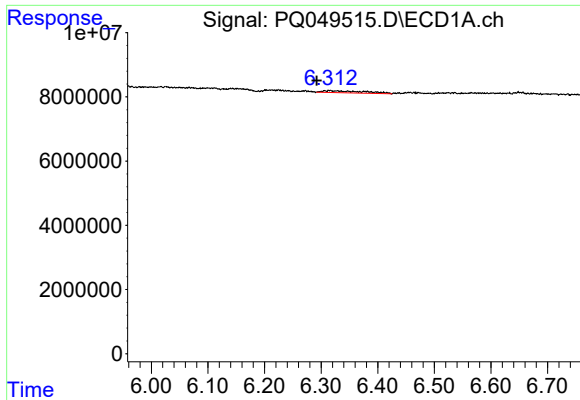
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.700 min
Response: 0
Conc: N.D.



#11 AR-1232-1

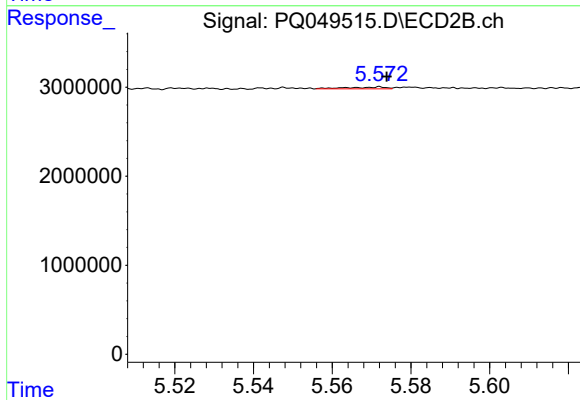
R.T.: 4.730 min
Delta R.T.: -0.009 min
Response: 221356
Conc: 2.72 ng/ml



#12 AR-1232-2

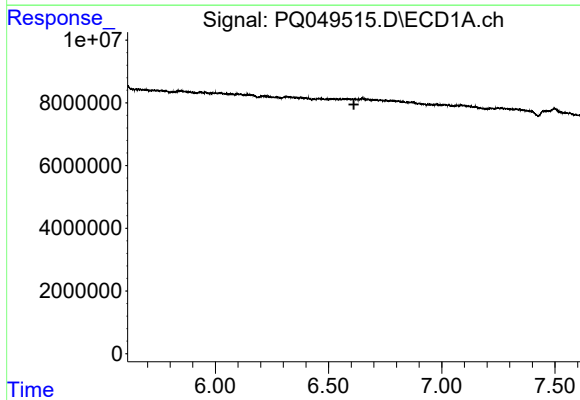
R.T.: 6.315 min
Delta R.T.: 0.023 min
Response: 3321753
Conc: 49.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



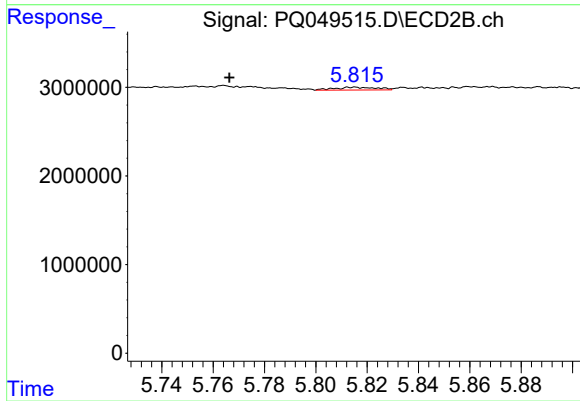
#12 AR-1232-2

R.T.: 5.572 min
Delta R.T.: -0.002 min
Response: 141843
Conc: 1.47 ng/ml



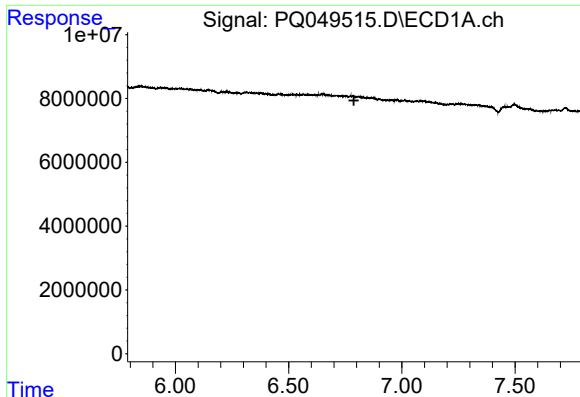
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.612 min
Response: 0
Conc: N.D.



#13 AR-1232-3

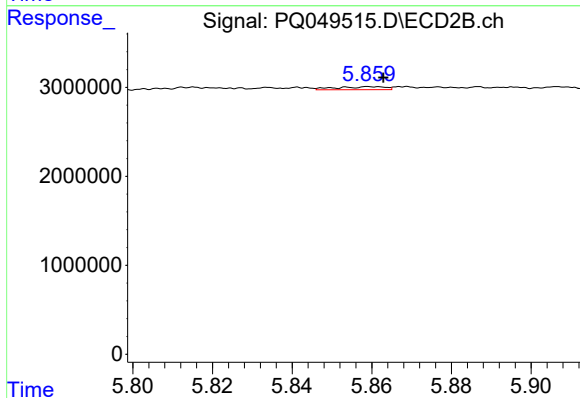
R.T.: 5.816 min
Delta R.T.: 0.049 min
Response: 355982
Conc: 7.26 ng/ml



#14 AR-1232-4

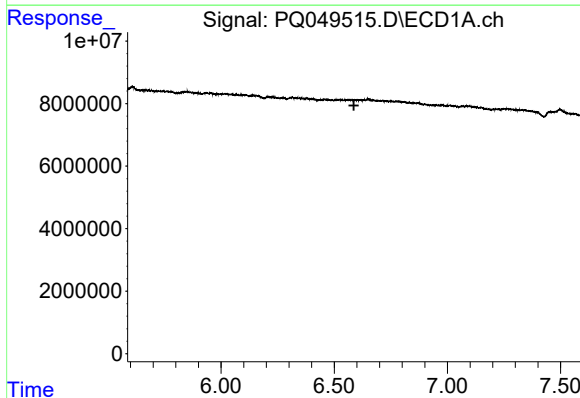
R.T.: 0.000 min
Exp R.T.: 6.788 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



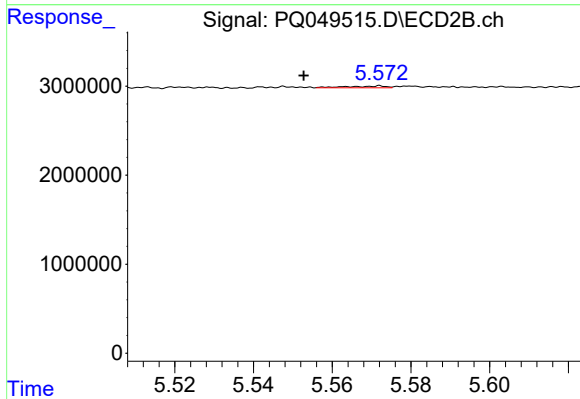
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.004 min
Response: 293235
Conc: 6.69 ng/ml



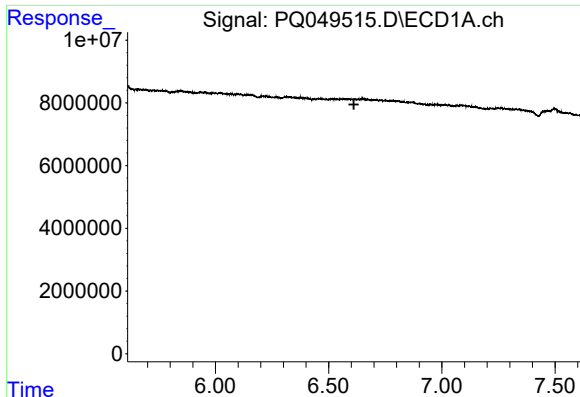
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.587 min
Response: 0
Conc: N.D.



#16 AR-1242-1

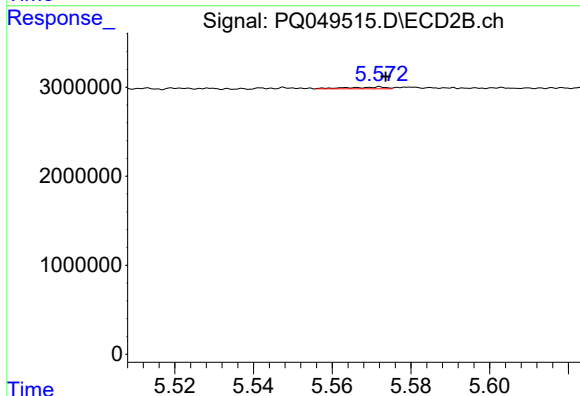
R.T.: 5.572 min
Delta R.T.: 0.020 min
Response: 141843
Conc: 1.02 ng/ml



#17 AR-1242-2

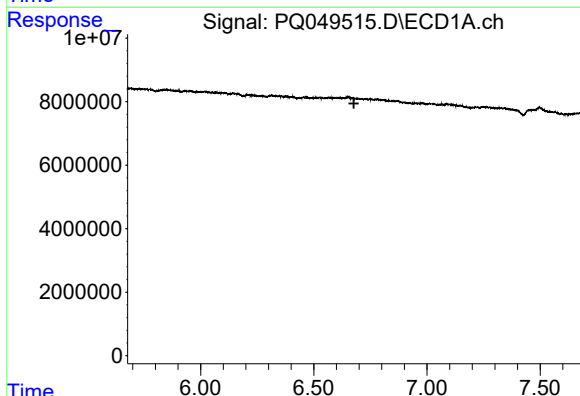
R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



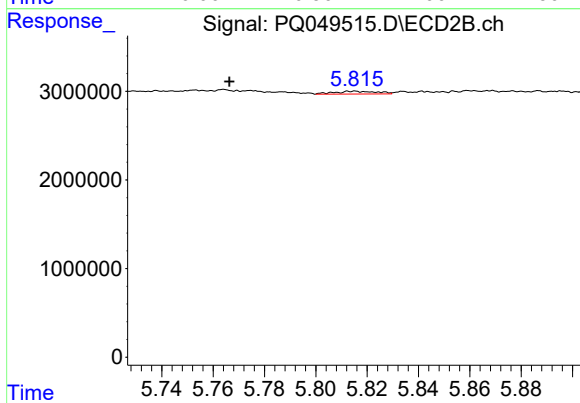
#17 AR-1242-2

R.T.: 5.572 min
Delta R.T.: -0.001 min
Response: 141843
Conc: 0.75 ng/ml



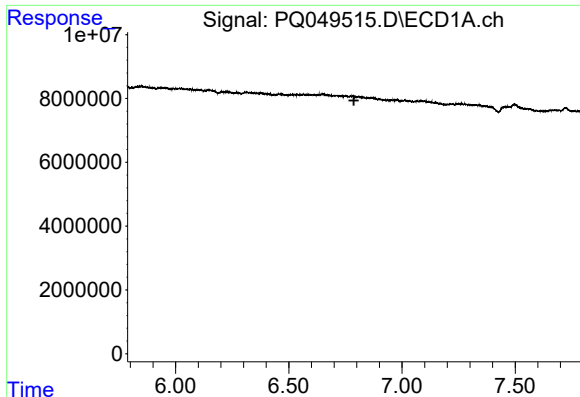
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.677 min
Response: 0
Conc: N.D.



#18 AR-1242-3

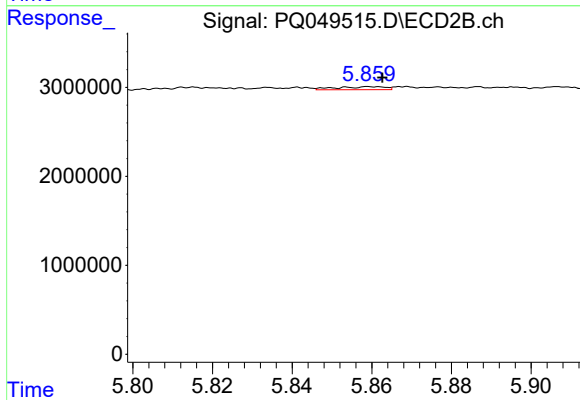
R.T.: 5.816 min
Delta R.T.: 0.049 min
Response: 355982
Conc: 3.60 ng/ml



#19 AR-1242-4

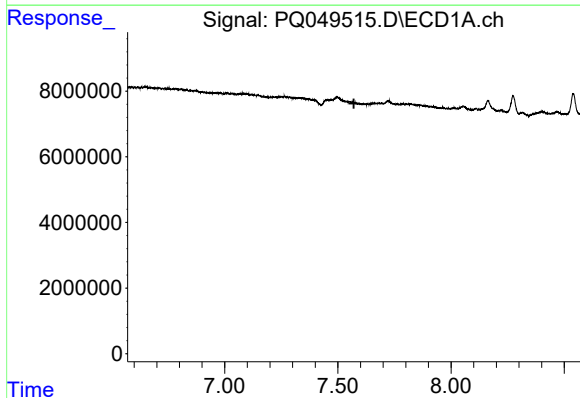
R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



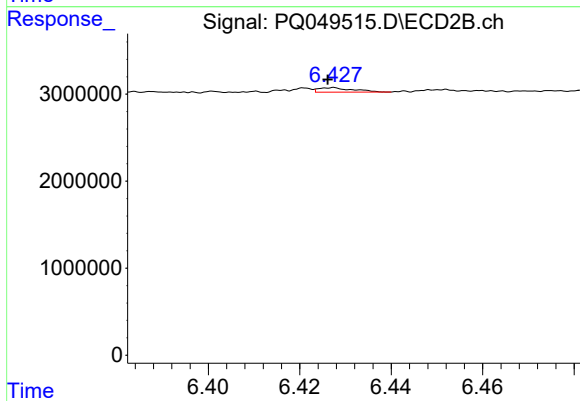
#19 AR-1242-4

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 293235
Conc: 3.08 ng/ml



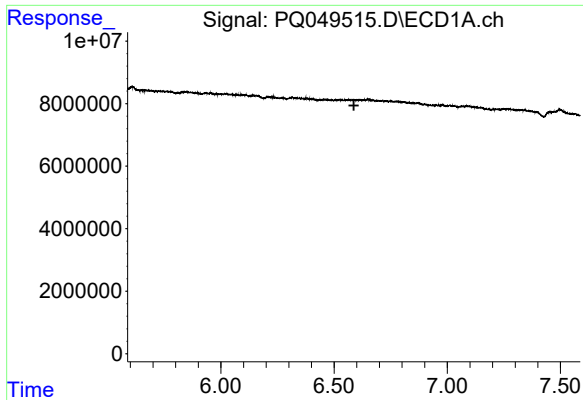
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.571 min
Response: 0
Conc: N.D.



#20 AR-1242-5

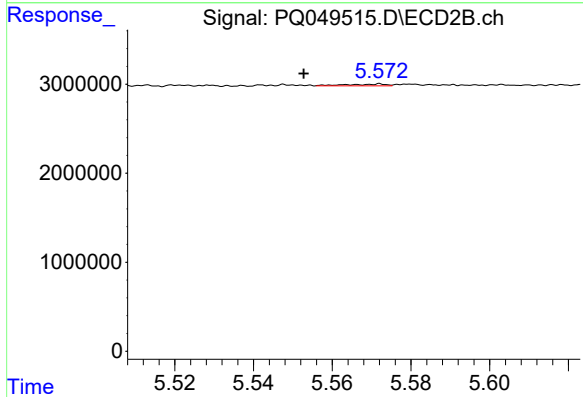
R.T.: 6.427 min
Delta R.T.: 0.001 min
Response: 267723
Conc: 1.87 ng/ml



#21 AR-1248-1

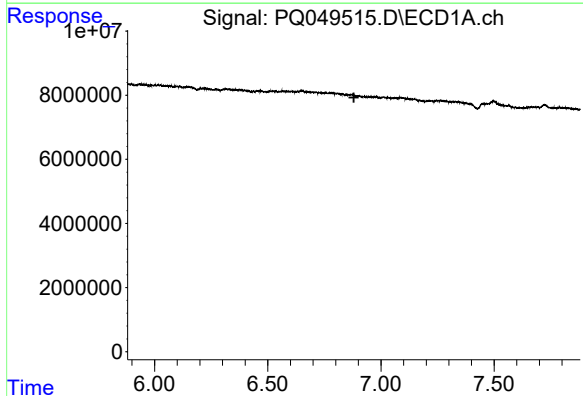
R.T.: 0.000 min
Exp R.T.: 6.587 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



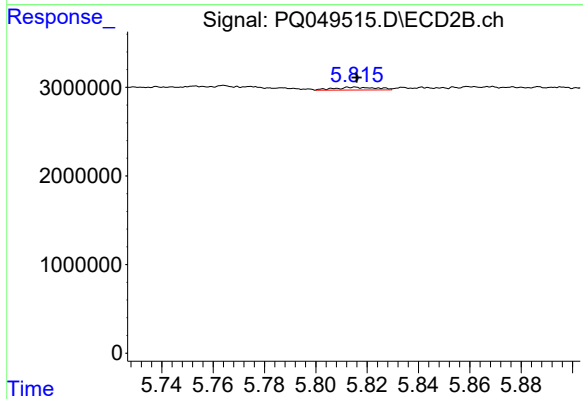
#21 AR-1248-1

R.T.: 5.572 min
Delta R.T.: 0.019 min
Response: 141843
Conc: 1.33 ng/ml



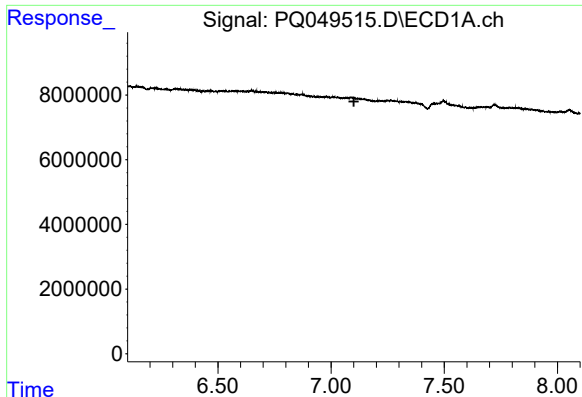
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.881 min
Response: 0
Conc: N.D.



#22 AR-1248-2

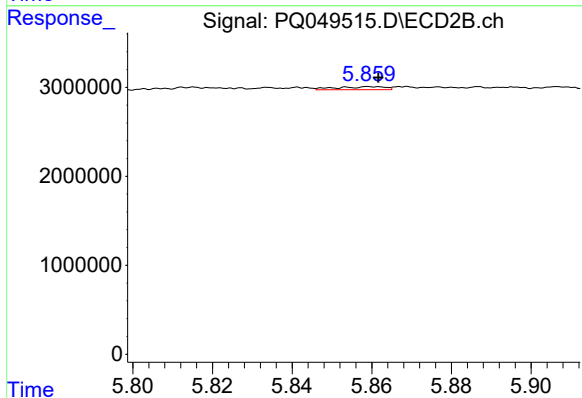
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 355982
Conc: 2.73 ng/ml



#23 AR-1248-3

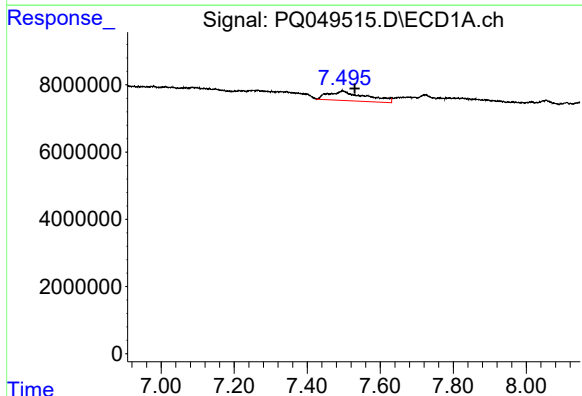
R.T.: 0.000 min
Exp R.T.: 7.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



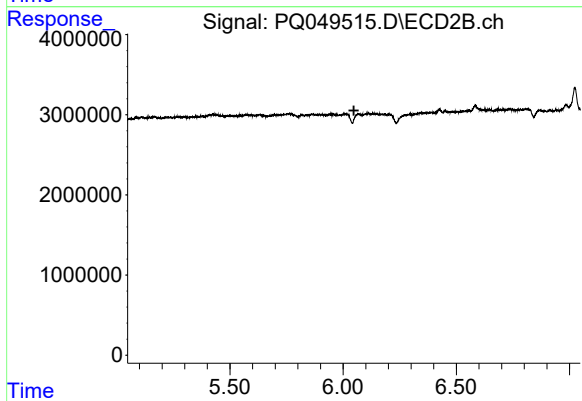
#23 AR-1248-3

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 293235
Conc: 2.15 ng/ml



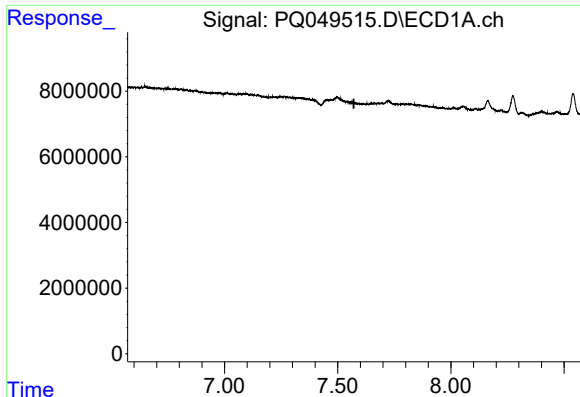
#24 AR-1248-4

R.T.: 7.497 min
Delta R.T.: -0.033 min
Response: 19731606
Conc: 65.53 ng/ml



#24 AR-1248-4

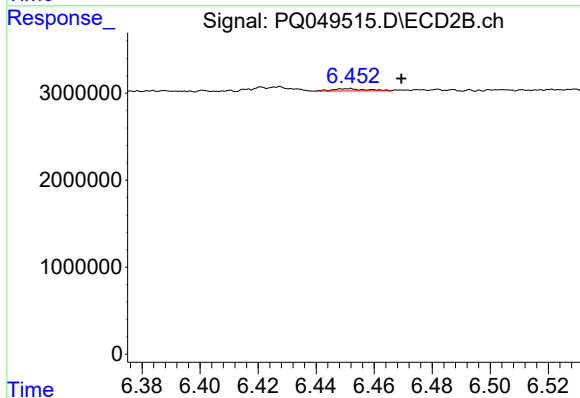
R.T.: 6.066 min
Delta R.T.: 0.018 min
Response: -530569
Conc: N.D.



#25 AR-1248-5

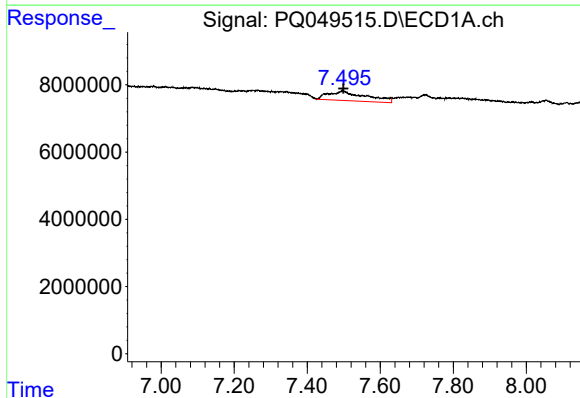
R.T.: 0.000 min
Exp R.T.: 7.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



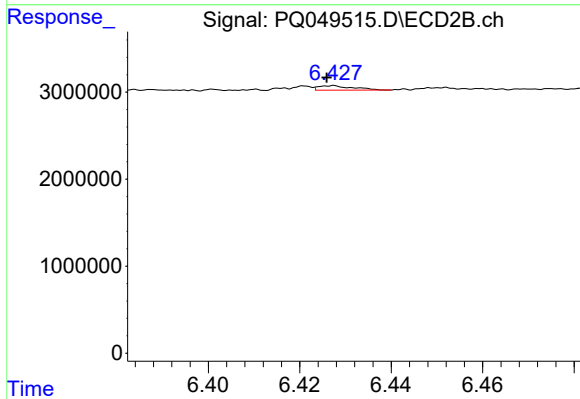
#25 AR-1248-5

R.T.: 6.452 min
Delta R.T.: -0.017 min
Response: 203197
Conc: 1.06 ng/ml



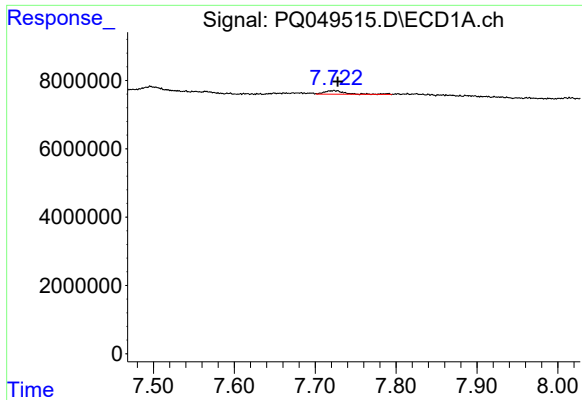
#26 AR-1254-1

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 19731606
Conc: 66.11 ng/ml



#26 AR-1254-1

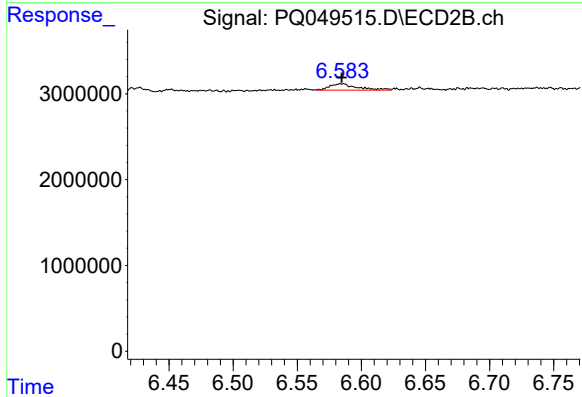
R.T.: 6.427 min
Delta R.T.: 0.002 min
Response: 267723
Conc: 0.87 ng/ml



#27 AR-1254-2

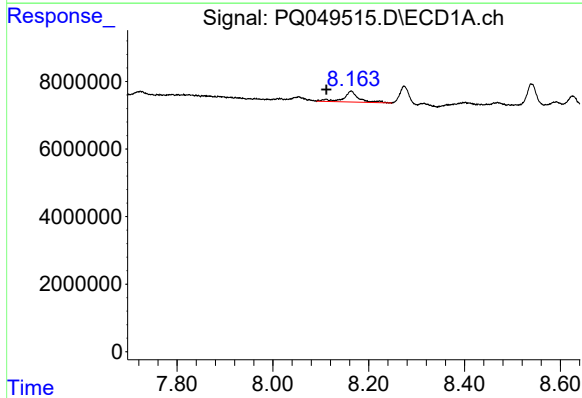
R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 1806132
Conc: 3.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



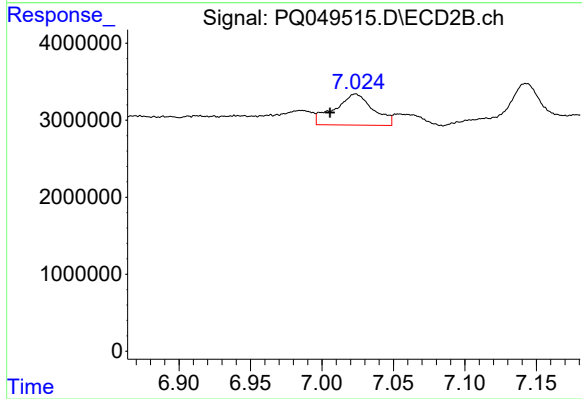
#27 AR-1254-2

R.T.: 6.584 min
Delta R.T.: -0.001 min
Response: 1140035
Conc: 4.05 ng/ml



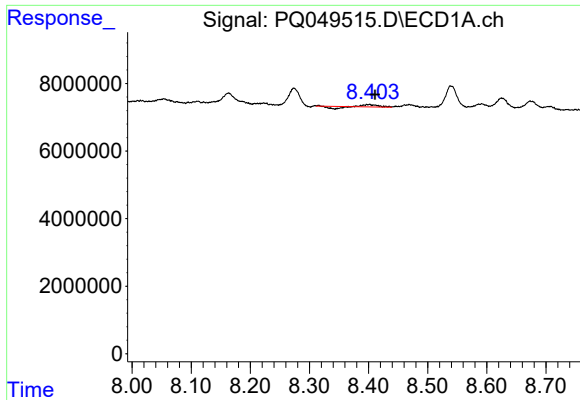
#28 AR-1254-3

R.T.: 8.163 min
Delta R.T.: 0.051 min
Response: 7026014
Conc: 13.41 ng/ml



#28 AR-1254-3

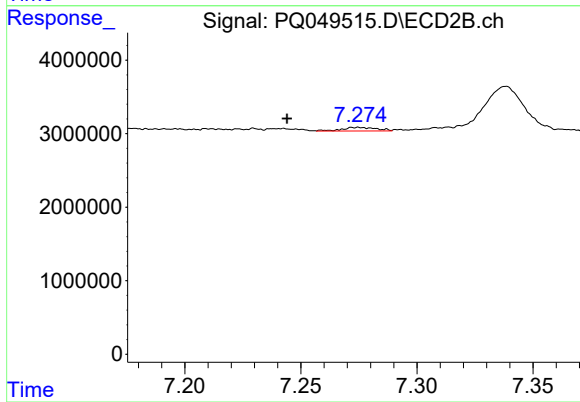
R.T.: 7.024 min
Delta R.T.: 0.018 min
Response: 7552133
Conc: 15.84 ng/ml



#29 AR-1254-4

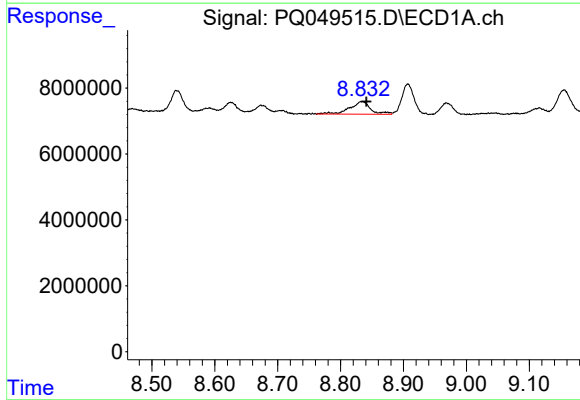
R.T.: 8.401 min
Delta R.T.: -0.010 min
Response: 459213
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



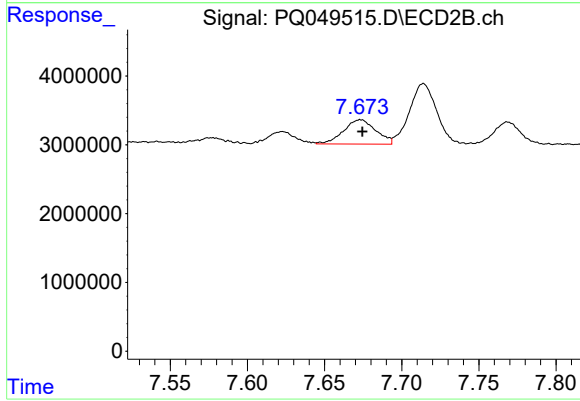
#29 AR-1254-4

R.T.: 7.275 min
Delta R.T.: 0.031 min
Response: 506330
Conc: 1.49 ng/ml



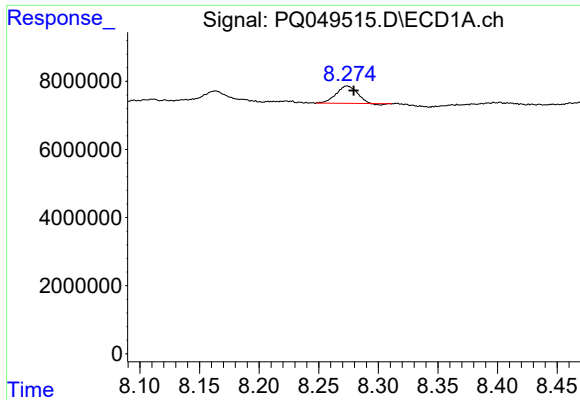
#30 AR-1254-5

R.T.: 8.834 min
Delta R.T.: -0.007 min
Response: 8692778
Conc: 18.73 ng/ml



#30 AR-1254-5

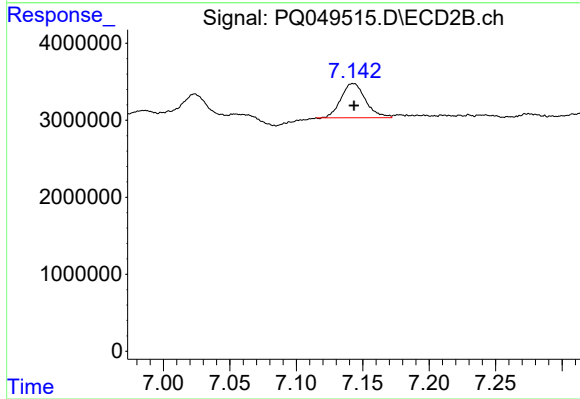
R.T.: 7.673 min
Delta R.T.: -0.001 min
Response: 5170597
Conc: 11.51 ng/ml



#31 AR-1260-1

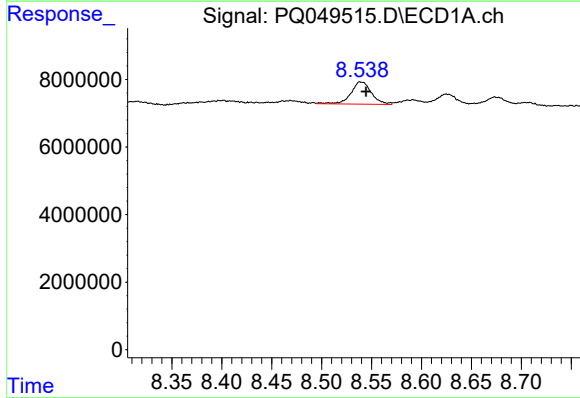
R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 5948862
Conc: 16.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



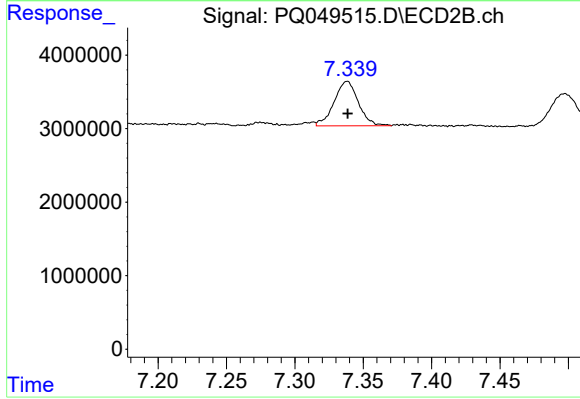
#31 AR-1260-1

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 5741585
Conc: 19.83 ng/ml



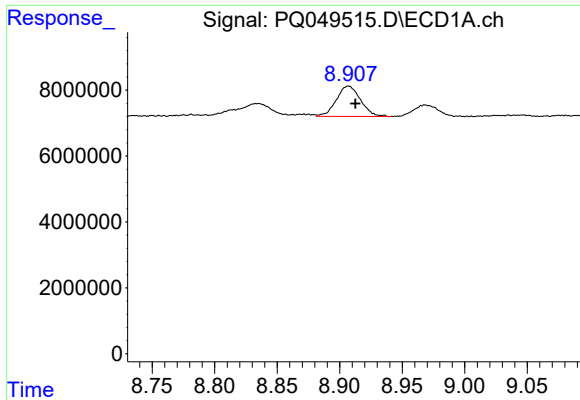
#32 AR-1260-2

R.T.: 8.540 min
Delta R.T.: -0.005 min
Response: 9409443
Conc: 20.80 ng/ml



#32 AR-1260-2

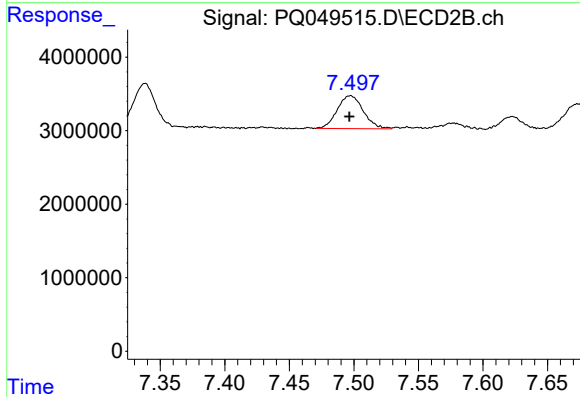
R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 7463603
Conc: 19.34 ng/ml



#33 AR-1260-3

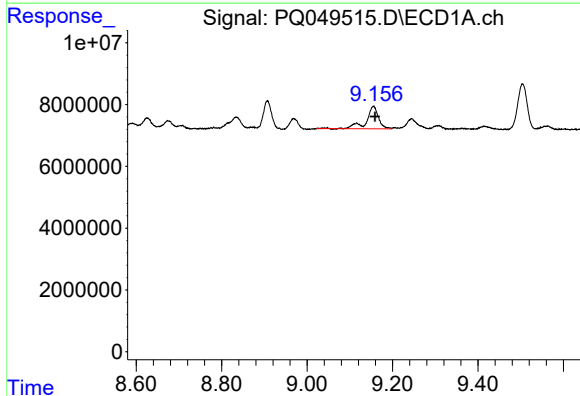
R.T.: 8.907 min
Delta R.T.: -0.005 min
Response: 12348948
Conc: 31.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



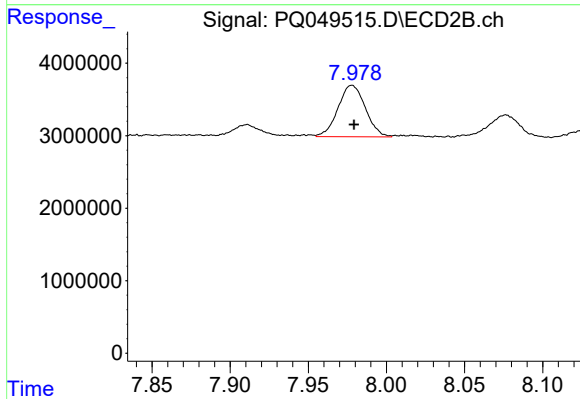
#33 AR-1260-3

R.T.: 7.498 min
Delta R.T.: 0.001 min
Response: 6290110
Conc: 19.38 ng/ml



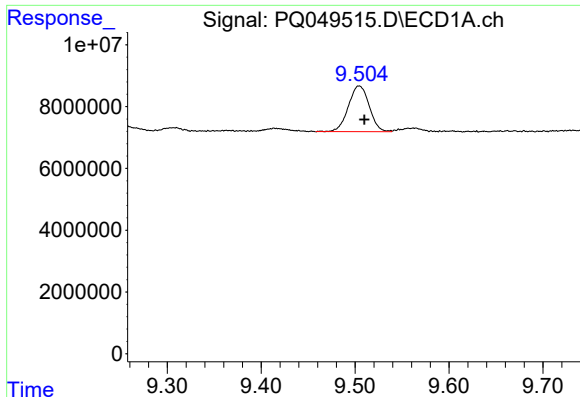
#34 AR-1260-4

R.T.: 9.155 min
Delta R.T.: -0.004 min
Response: 14312948
Conc: 33.84 ng/ml



#34 AR-1260-4

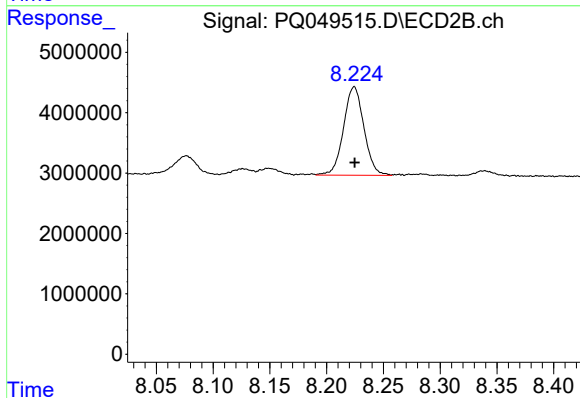
R.T.: 7.978 min
Delta R.T.: -0.001 min
Response: 8695521
Conc: 29.80 ng/ml



#35 AR-1260-5

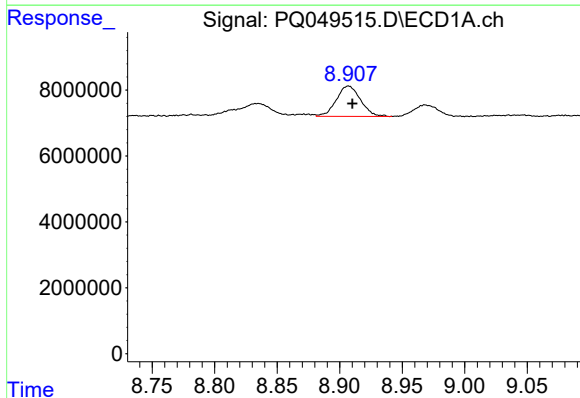
R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 22879287
Conc: 23.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



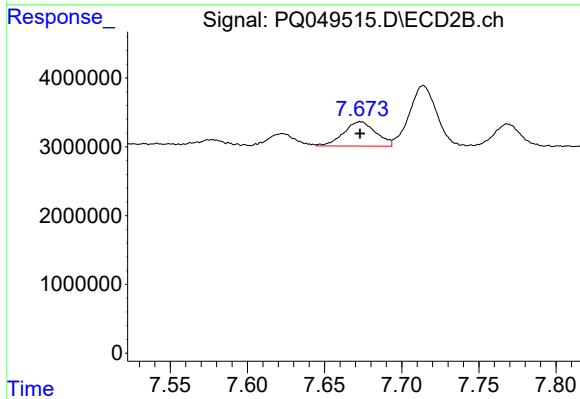
#35 AR-1260-5

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 18304483
Conc: 23.03 ng/ml



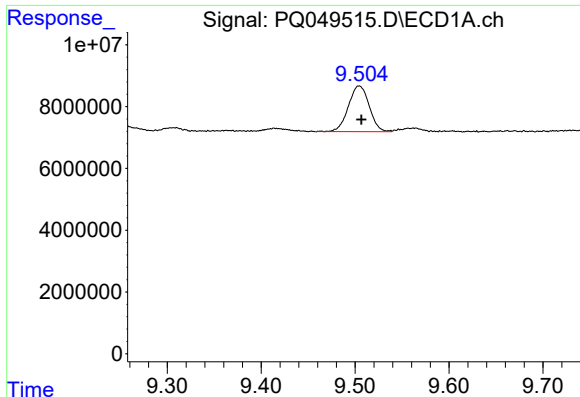
#36 AR-1262-1

R.T.: 8.907 min
Delta R.T.: -0.003 min
Response: 12348948
Conc: 20.50 ng/ml



#36 AR-1262-1

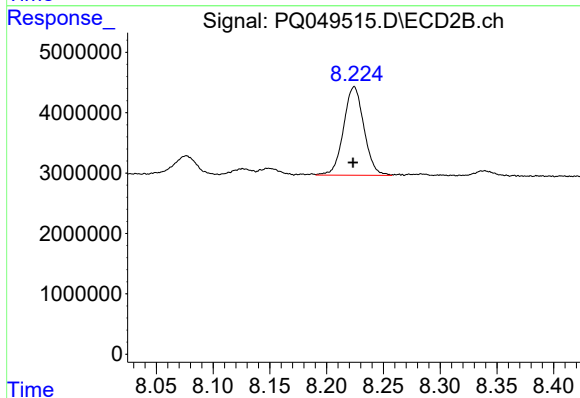
R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 5170597
Conc: 21.68 ng/ml



#37 AR-1262-2

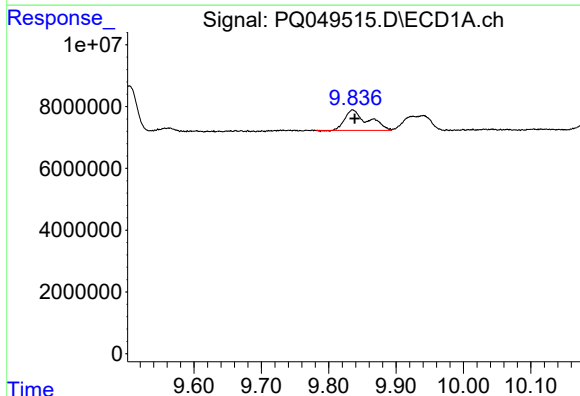
R.T.: 9.504 min
Delta R.T.: -0.002 min
Response: 22879287
Conc: 19.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



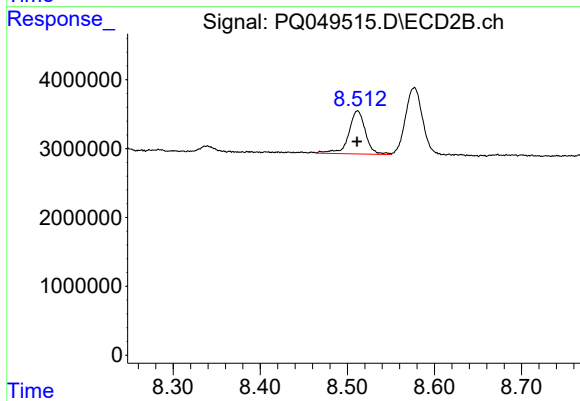
#37 AR-1262-2

R.T.: 8.224 min
Delta R.T.: 0.001 min
Response: 18304483
Conc: 19.36 ng/ml



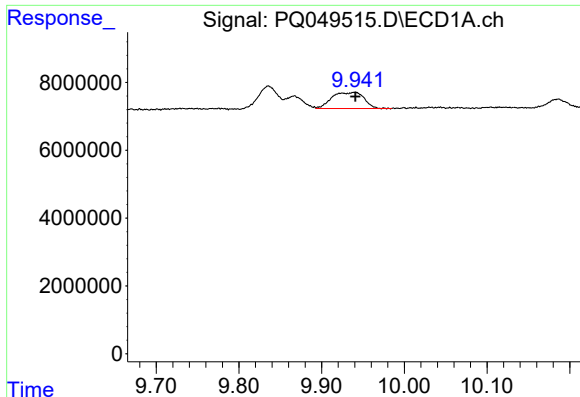
#38 AR-1262-3

R.T.: 9.836 min
Delta R.T.: -0.003 min
Response: 15793878
Conc: 27.48 ng/ml



#38 AR-1262-3

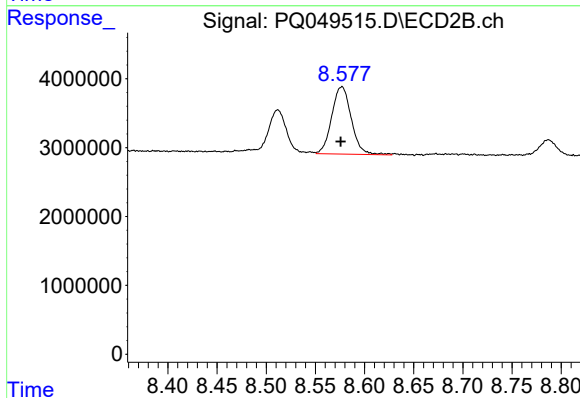
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 8355906
Conc: 21.50 ng/ml



#39 AR-1262-4

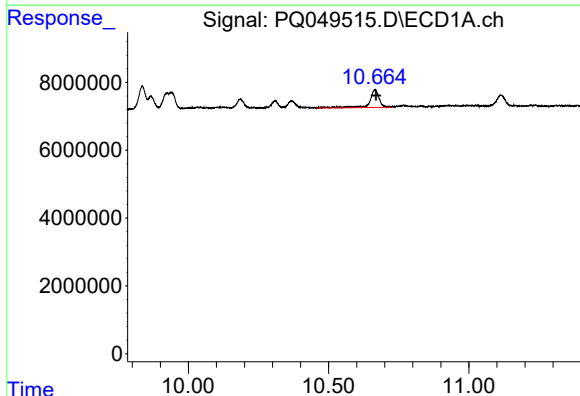
R.T.: 9.936 min
Delta R.T.: -0.005 min
Response: 12961670
Conc: 19.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



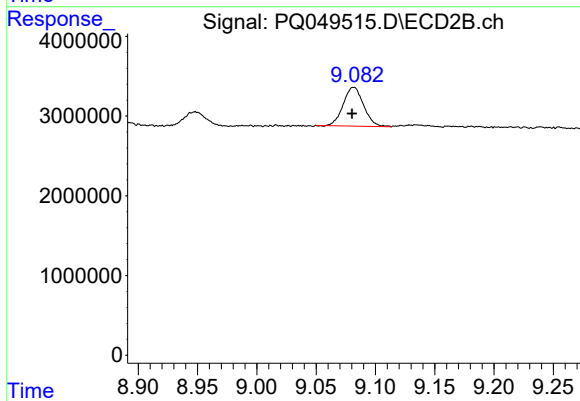
#39 AR-1262-4

R.T.: 8.577 min
Delta R.T.: 0.001 min
Response: 13535695
Conc: 19.76 ng/ml



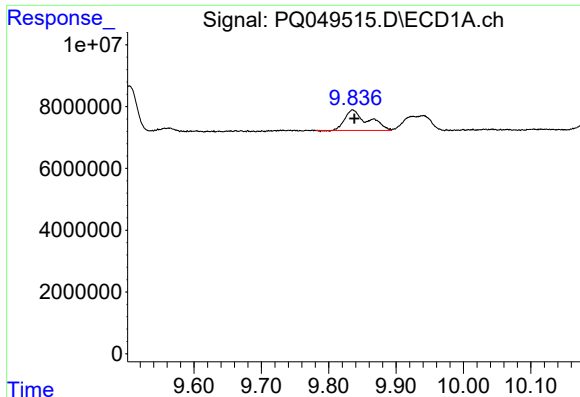
#40 AR-1262-5

R.T.: 10.665 min
Delta R.T.: -0.003 min
Response: 12152356
Conc: 23.38 ng/ml



#40 AR-1262-5

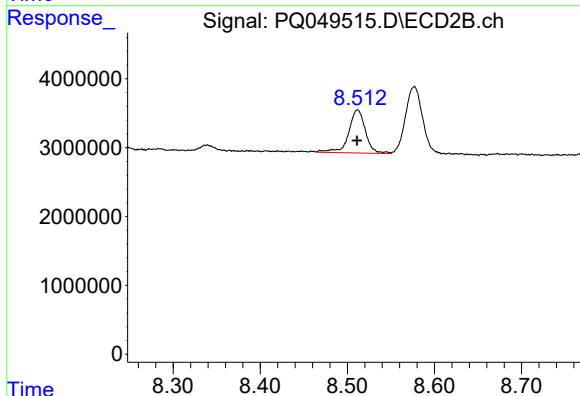
R.T.: 9.082 min
Delta R.T.: 0.001 min
Response: 5795987
Conc: 17.46 ng/ml



#41 AR-1268-1

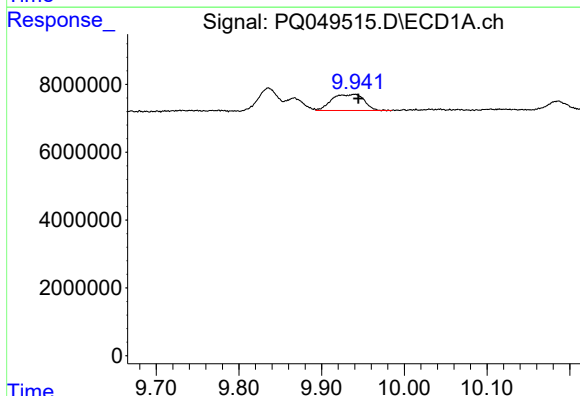
R.T.: 9.836 min
Delta R.T.: -0.002 min
Response: 15793878
Conc: 9.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



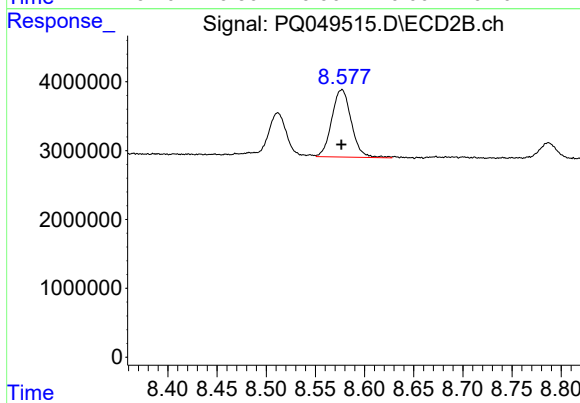
#41 AR-1268-1

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 8355906
Conc: 7.03 ng/ml



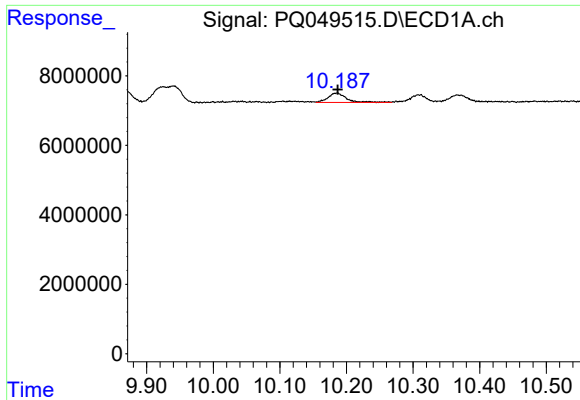
#42 AR-1268-2

R.T.: 9.936 min
Delta R.T.: -0.008 min
Response: 12961670
Conc: 8.67 ng/ml



#42 AR-1268-2

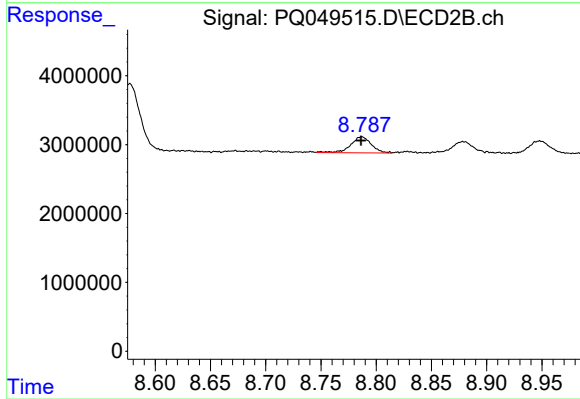
R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 13535695
Conc: 12.67 ng/ml



#43 AR-1268-3

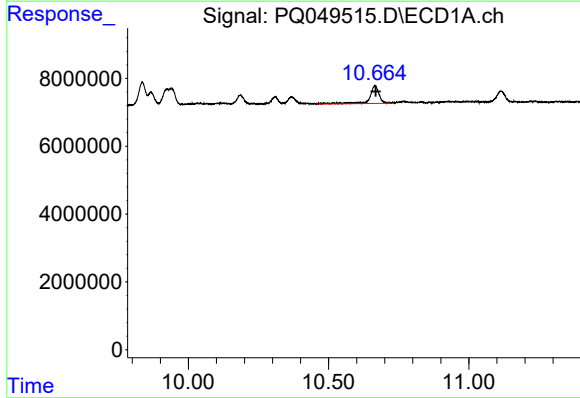
R.T.: 10.185 min
Delta R.T.: -0.001 min
Response: 5203560
Conc: 3.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



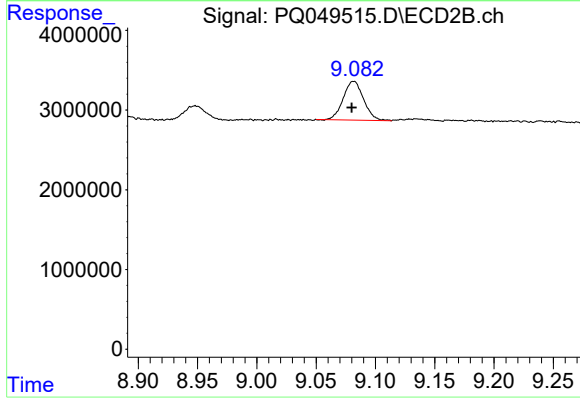
#43 AR-1268-3

R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 3013318
Conc: 3.35 ng/ml



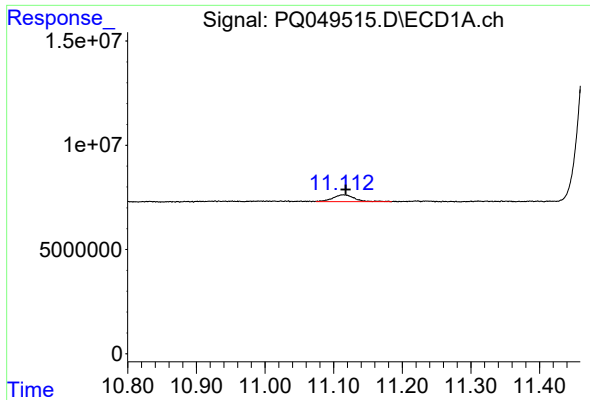
#44 AR-1268-4

R.T.: 10.665 min
Delta R.T.: -0.002 min
Response: 12152356
Conc: 19.81 ng/ml



#44 AR-1268-4

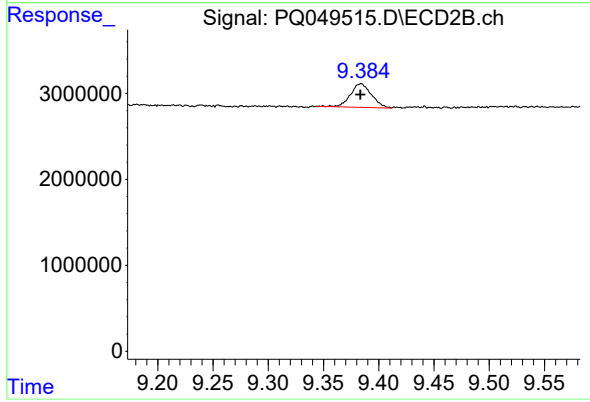
R.T.: 9.082 min
Delta R.T.: 0.002 min
Response: 5795987
Conc: 14.92 ng/ml



#45 AR-1268-5

R.T.: 11.115 min
Delta R.T.: -0.003 min
Response: 6993286
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.384 min
Delta R.T.: 0.000 min
Response: 3610960
Conc: 1.34 ng/ml