

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 21:43
 Operator : DD\AJ
 Sample : M2262-07
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:59:16 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	4.235	545.3E6	234.5E6	18.889	18.196
2)	SA Decachlor...	11.409	9.574	581.7E6	273.7E6	19.477	19.277
Target Compounds							
3)	L1 AR-1016-1	6.545	5.514f	-1275699	1918507	N.D.	4.215 #
4)	L1 AR-1016-2	6.569	5.514	-296107	1918507	N.D.	2.832 #
5)	L1 AR-1016-3	6.638	0.000	2672956	0	2.919	N.D. #
6)	L1 AR-1016-4	6.746	0.000	2541692	0	3.449	N.D. #
7)	L1 AR-1016-5	7.059	0.000	5680765	0	7.876	N.D. #
8)	L2 AR-1221-1	5.467	4.493	10190731	8639738	34.929	64.597 #
9)	L2 AR-1221-2	5.575	4.592	27528214	9956743	129.608	99.268
10)	L2 AR-1221-3	5.659	4.682	33871755	9335208	48.532	28.627 #
11)	L3 AR-1232-1	5.659	4.682	33871755	9335208	65.733	39.359 #
12)	L3 AR-1232-2	6.243	5.514	23812257	1918507	85.513	7.584 #
14)	L3 AR-1232-4	6.746	0.000	2541692	0	9.312	N.D. #
15)	L3 AR-1232-5	6.835	0.000	3825797	0	19.237	N.D. #
16)	L4 AR-1242-1	6.545	5.514f	-1275699	1918507	N.D.	5.977 #
17)	L4 AR-1242-2	6.569	5.514	-296107	1918507	N.D.	4.061 #
18)	L4 AR-1242-3	6.638	0.000	2672956	0	4.116	N.D. #
19)	L4 AR-1242-4	6.746	0.000	2541692	0	4.855	N.D. #
20)	L4 AR-1242-5	7.527	0.000	12700772	0	21.758	N.D. #
21)	L5 AR-1248-1	6.545	5.514f	-1275699	1918507	N.D.	7.936 #
22)	L5 AR-1248-2	6.835	0.000	3825797	0	5.046	N.D. #
23)	L5 AR-1248-3	7.059	0.000	5680765	0	6.615	N.D. #
24)	L5 AR-1248-4	7.465f	0.000	17553910	0	18.045	N.D. #
25)	L5 AR-1248-5	7.527	6.405	12700772	4114677	12.992	9.702 #
26)	L6 AR-1254-1	7.465	0.000	17553910	0	18.032	N.D. #
27)	L6 AR-1254-2	7.695	6.529	4916564	1179163	3.257	1.894 #
28)	L6 AR-1254-3	8.059	0.000	1086981	0	0.696	N.D. #
29)	L6 AR-1254-4	8.350	0.000	1666749	0	1.437	N.D. #
30)	L6 AR-1254-5	8.791	0.000	589535	0	0.458	N.D. #
31)	L7 AR-1260-1	8.249	0.000	3289895	0	2.416	N.D. #
32)	L7 AR-1260-2	8.510	7.254f	2801939	1518260	1.631	1.337
33)	L7 AR-1260-3	8.836f	0.000	553032	0	0.459	N.D. #
34)	L7 AR-1260-4	9.114	0.000	479053	0	0.376	N.D. #
35)	L7 AR-1260-5	9.454	0.000	250458	0	0.091	N.D. #
36)	L8 AR-1262-1	8.836f	0.000	553032	0	0.319	N.D. #
37)	L8 AR-1262-2	9.454	0.000	250458	0	0.083	N.D. #
39)	L8 AR-1262-4	9.888	8.516	329810	673715	0.193	0.475 #
40)	L8 AR-1262-5	10.592	0.000	2333469	0	2.050	N.D. #
42)	L9 AR-1268-2	9.888	8.516	329810	673715	0.099	0.346 #
43)	L9 AR-1268-3	10.126	8.727	2799341	1851772	0.955	1.086
44)	L9 AR-1268-4	10.592	0.000	2333469	0	2.025	N.D. #

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 Misc : AR1221 LOD 25 PPB
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 03:59:16 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
45) L9	AR-1268-5	11.047	9.318	5458587	2329252	0.584	0.481

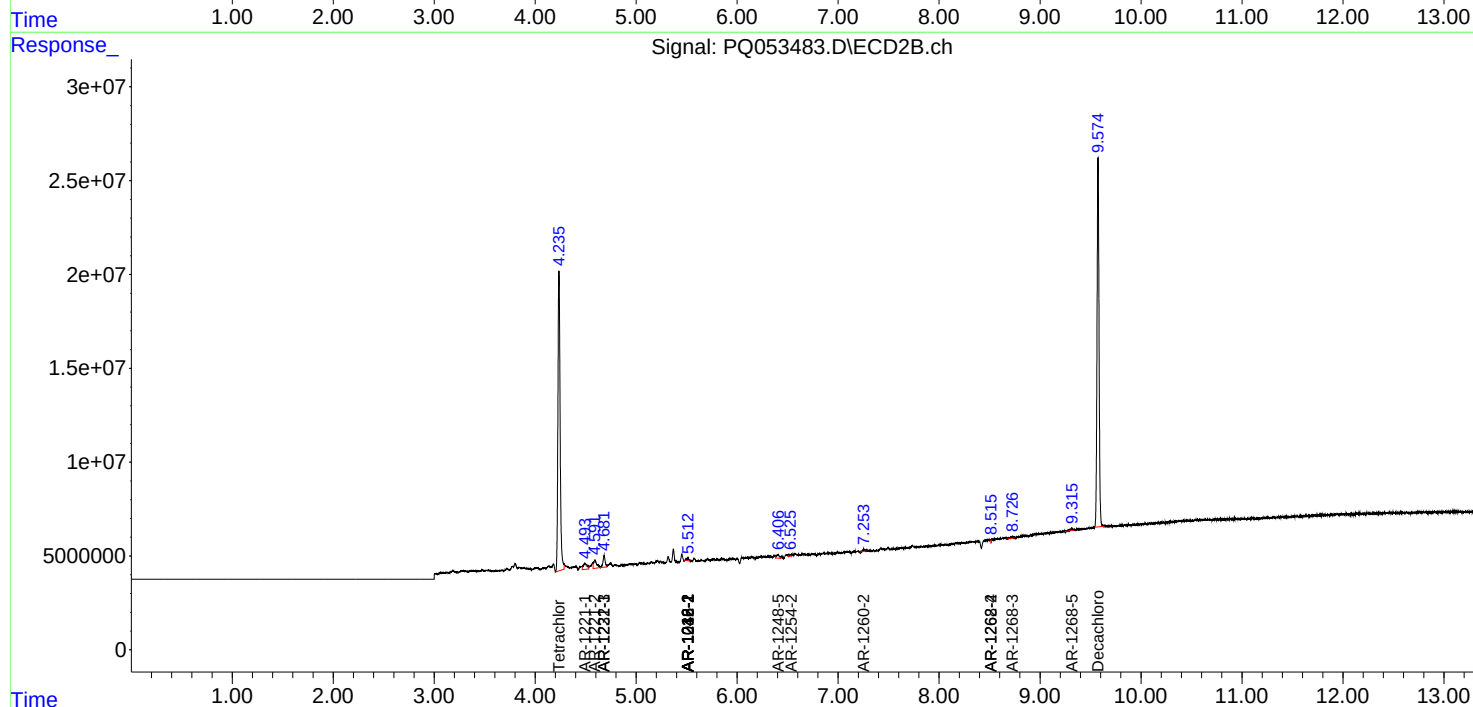
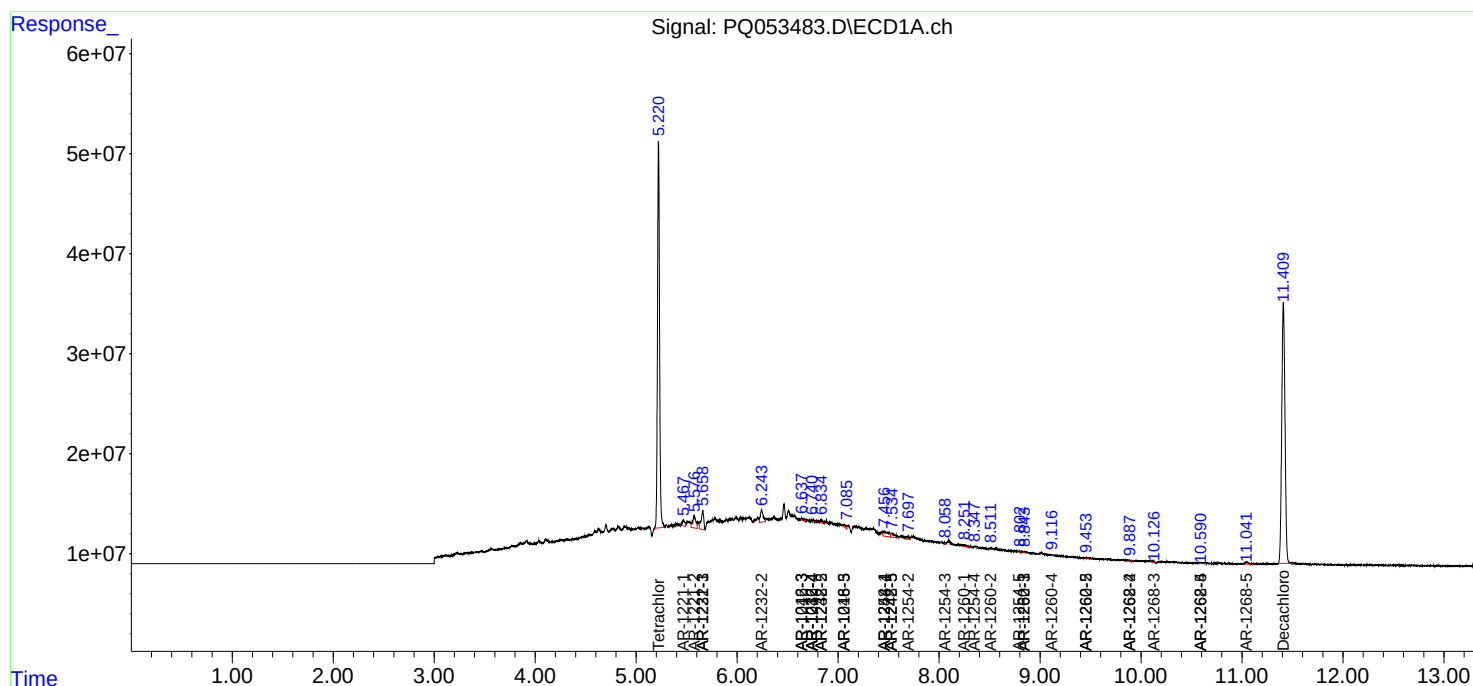
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

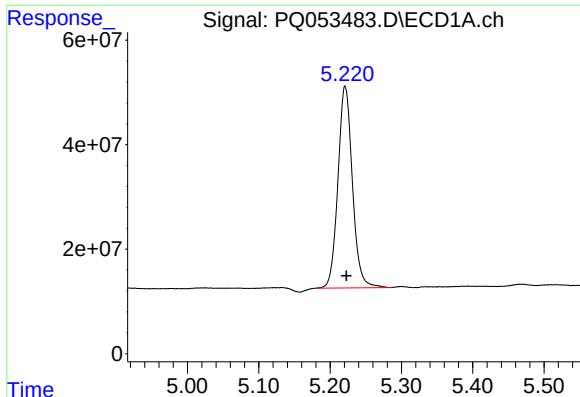
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
Data File : PQ053483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2021 21:43
Operator : DD\AJ
Sample : M2262-07
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

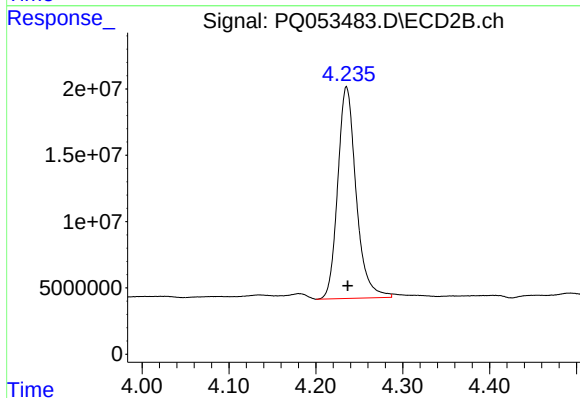




#1 Tetrachloro-m-xylene

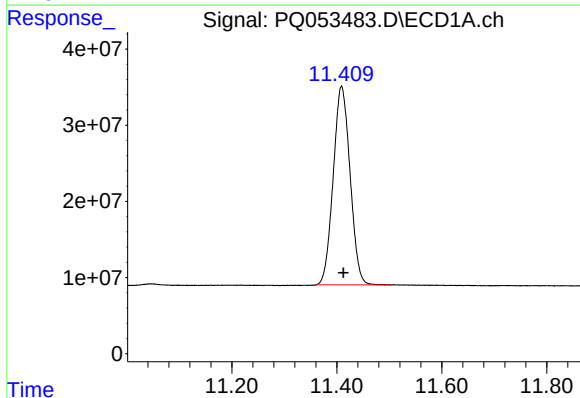
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 545337632
Conc: 18.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



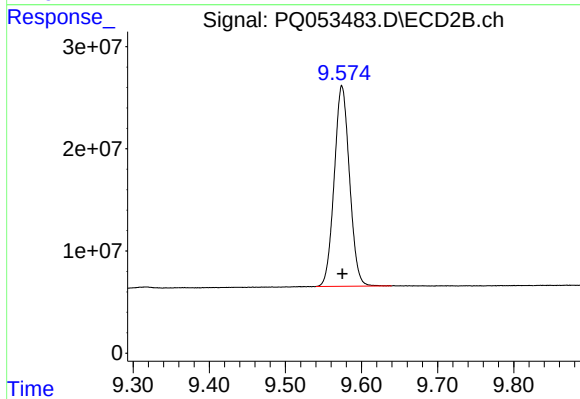
#1 Tetrachloro-m-xylene

R.T.: 4.235 min
Delta R.T.: -0.002 min
Response: 234458242
Conc: 18.20 ng/ml



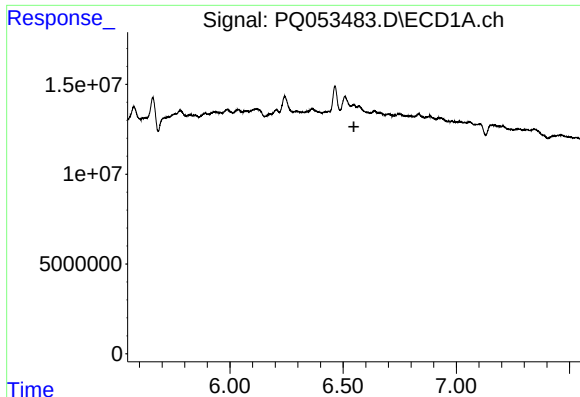
#2 Decachlorobiphenyl

R.T.: 11.409 min
Delta R.T.: -0.003 min
Response: 581699297
Conc: 19.48 ng/ml



#2 Decachlorobiphenyl

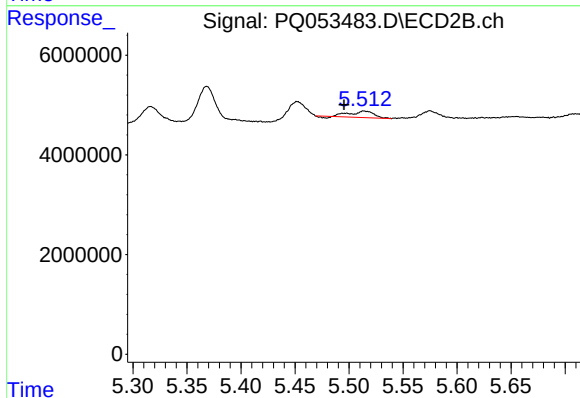
R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: 273699107
Conc: 19.28 ng/ml



#3 AR-1016-1

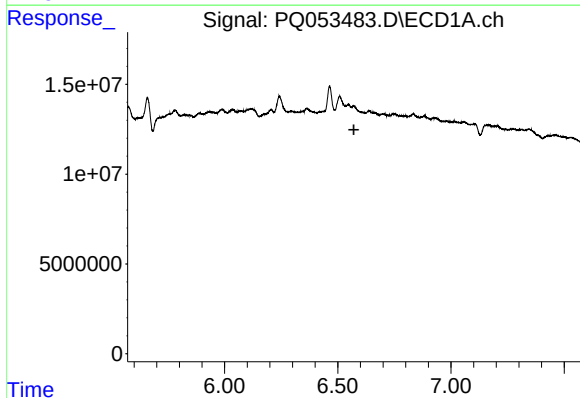
R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: -1275699
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



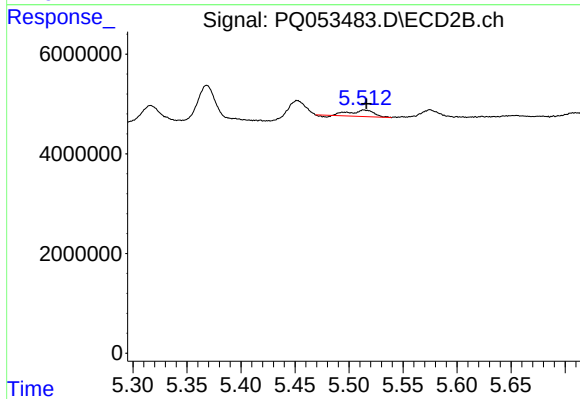
#3 AR-1016-1

R.T.: 5.514 min
Delta R.T.: 0.018 min
Response: 1918507
Conc: 4.22 ng/ml



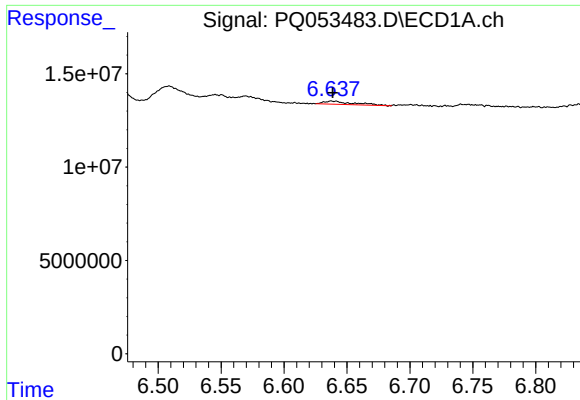
#4 AR-1016-2

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: -296107
Conc: N.D.



#4 AR-1016-2

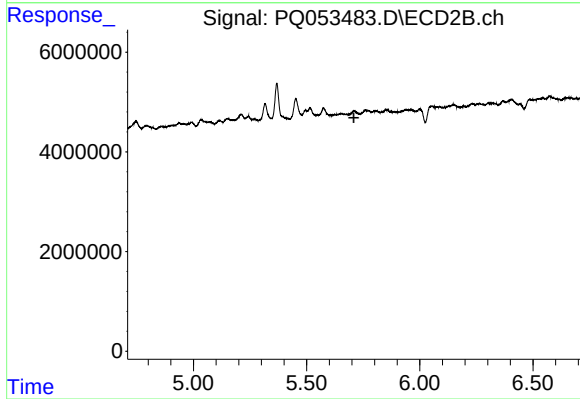
R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 1918507
Conc: 2.83 ng/ml



#5 AR-1016-3

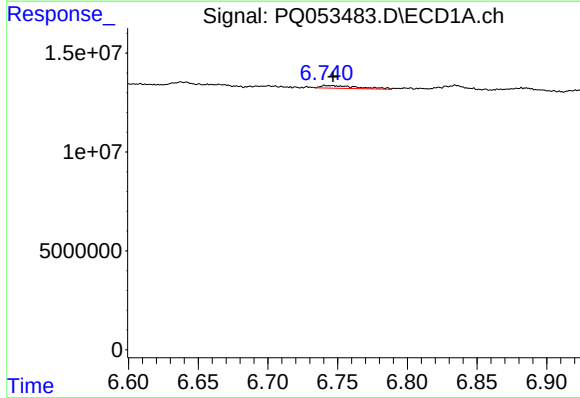
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 2672956
Conc: 2.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



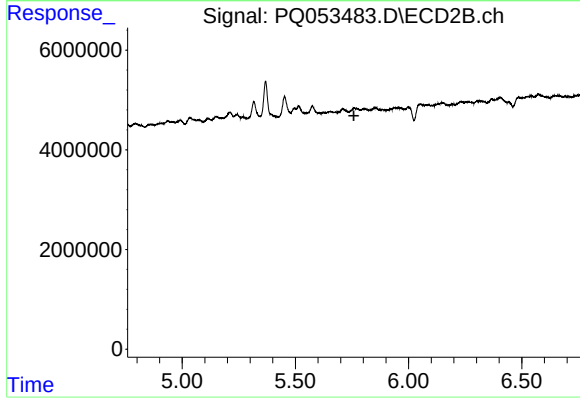
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.



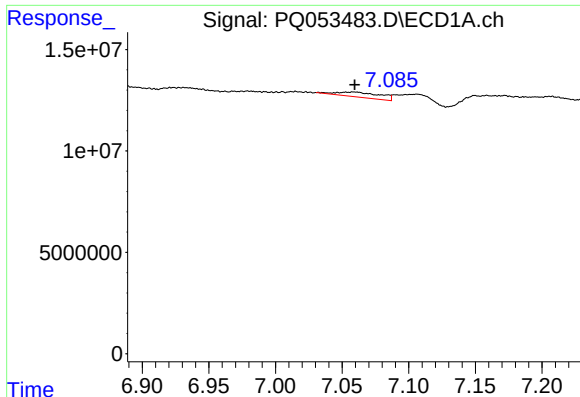
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 2541692
Conc: 3.45 ng/ml



#6 AR-1016-4

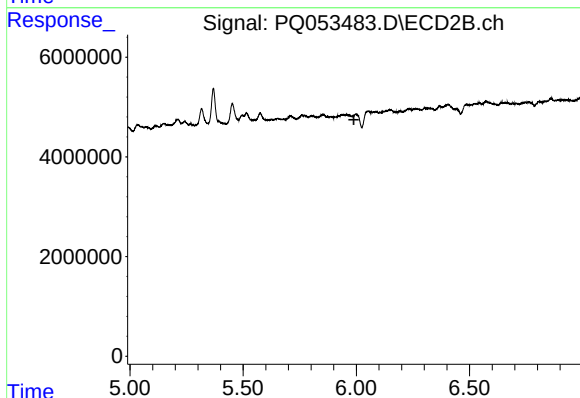
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#7 AR-1016-5

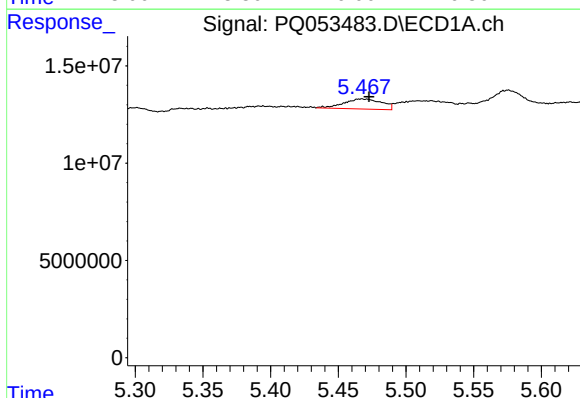
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 5680765
Conc: 7.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



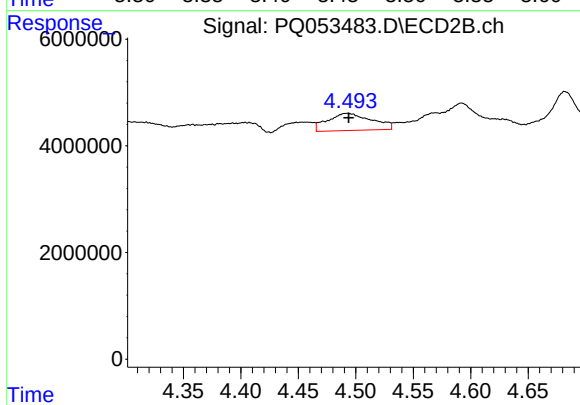
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



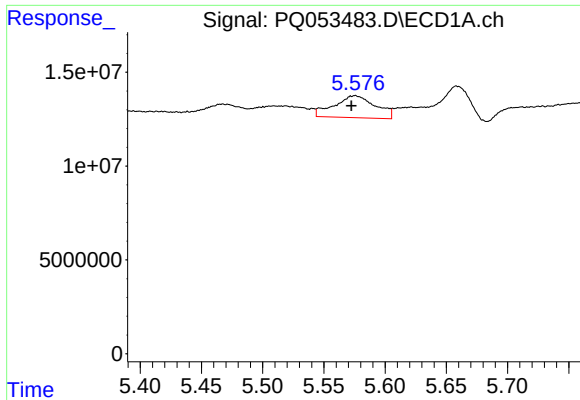
#8 AR-1221-1

R.T.: 5.467 min
Delta R.T.: -0.006 min
Response: 10190731
Conc: 34.93 ng/ml



#8 AR-1221-1

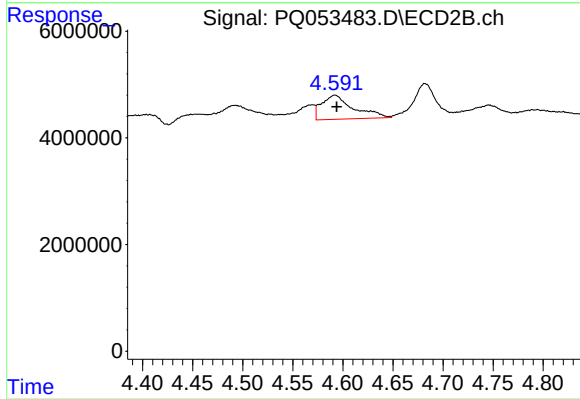
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 8639738
Conc: 64.60 ng/ml



#9 AR-1221-2

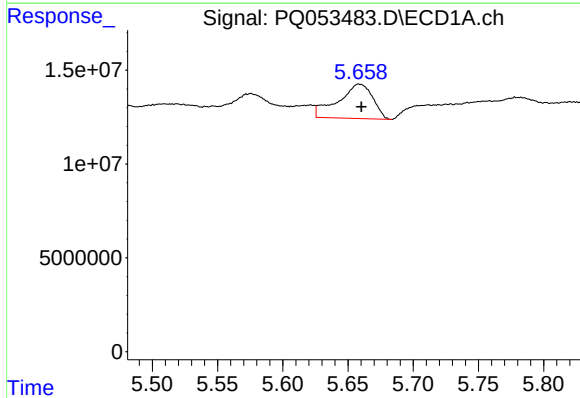
R.T.: 5.575 min
Delta R.T.: 0.003 min
Response: 27528214
Conc: 129.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



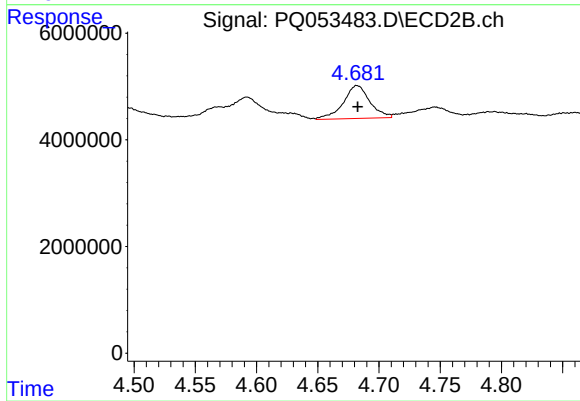
#9 AR-1221-2

R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 9956743
Conc: 99.27 ng/ml



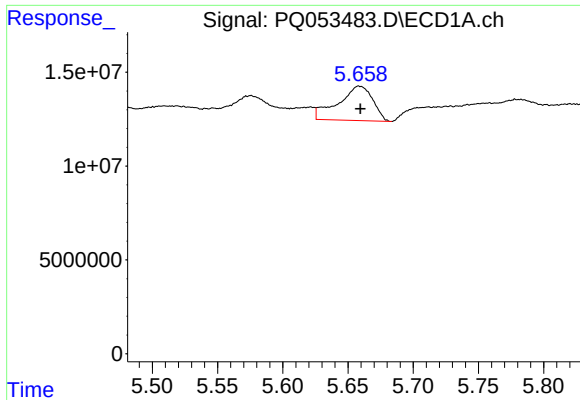
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: -0.002 min
Response: 33871755
Conc: 48.53 ng/ml



#10 AR-1221-3

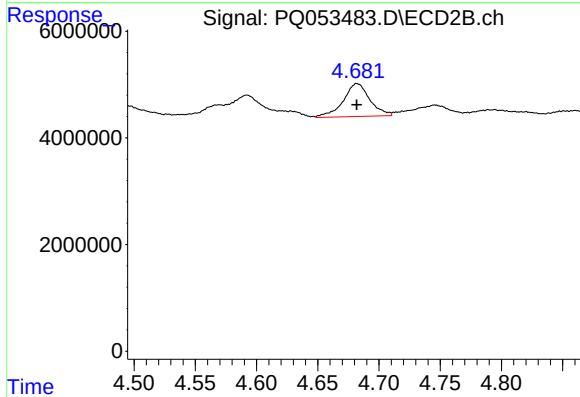
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 9335208
Conc: 28.63 ng/ml



#11 AR-1232-1

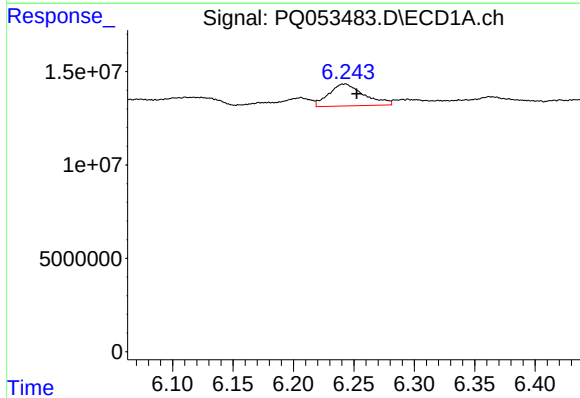
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 33871755
Conc: 65.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



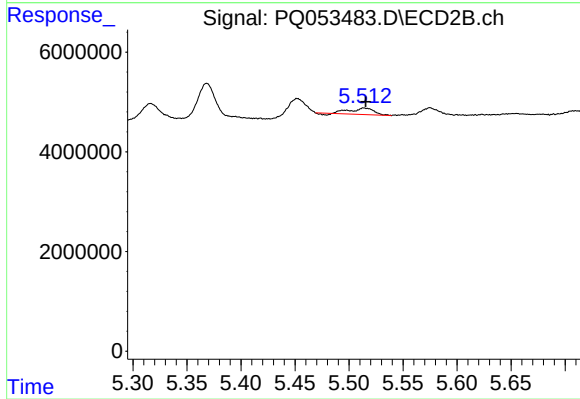
#11 AR-1232-1

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 9335208
Conc: 39.36 ng/ml



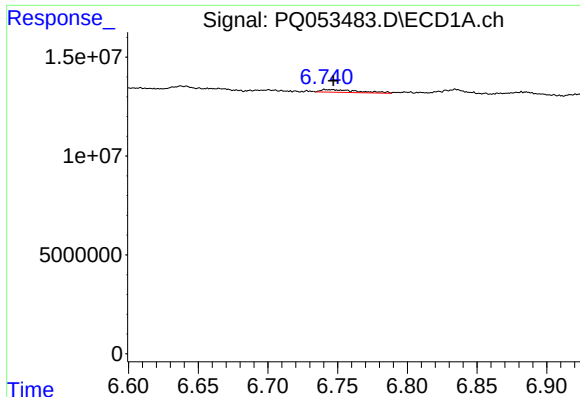
#12 AR-1232-2

R.T.: 6.243 min
Delta R.T.: -0.010 min
Response: 23812257
Conc: 85.51 ng/ml



#12 AR-1232-2

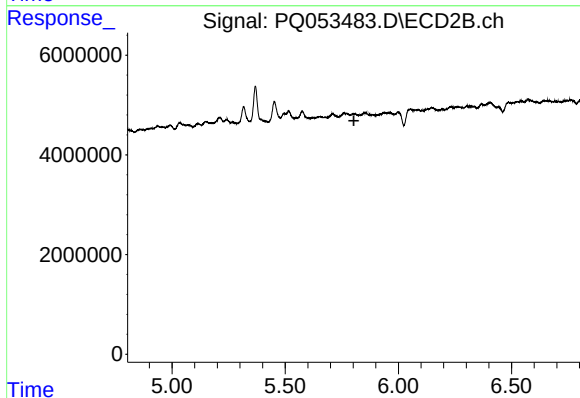
R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 1918507
Conc: 7.58 ng/ml



#14 AR-1232-4

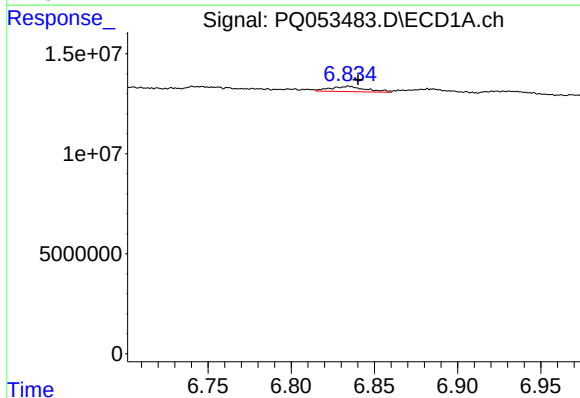
R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 2541692
Conc: 9.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



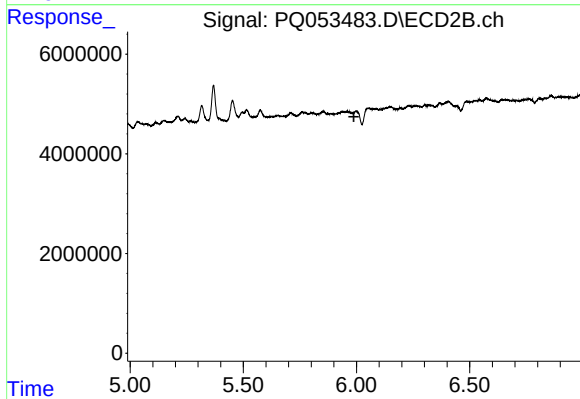
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



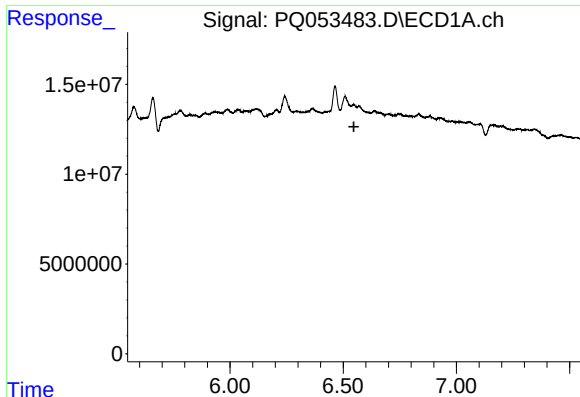
#15 AR-1232-5

R.T.: 6.835 min
Delta R.T.: -0.006 min
Response: 3825797
Conc: 19.24 ng/ml



#15 AR-1232-5

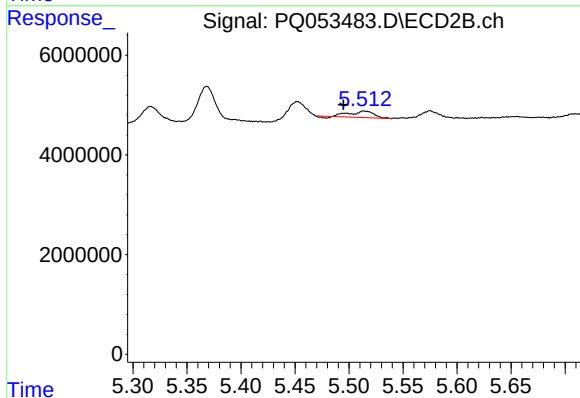
R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



#16 AR-1242-1

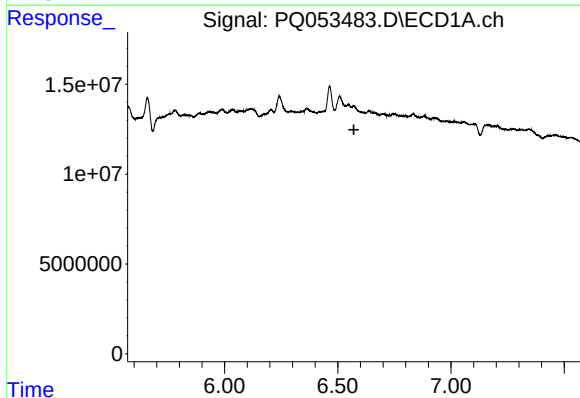
R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: -1275699
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



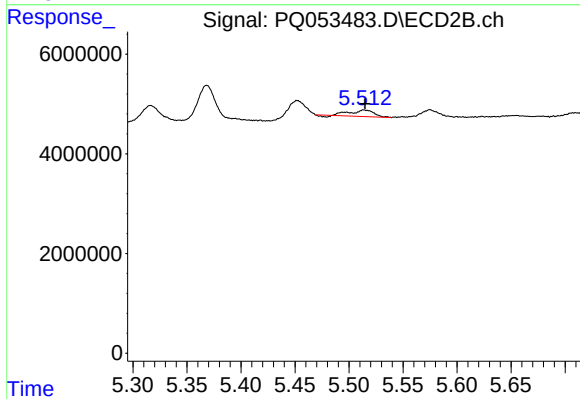
#16 AR-1242-1

R.T.: 5.514 min
Delta R.T.: 0.019 min
Response: 1918507
Conc: 5.98 ng/ml



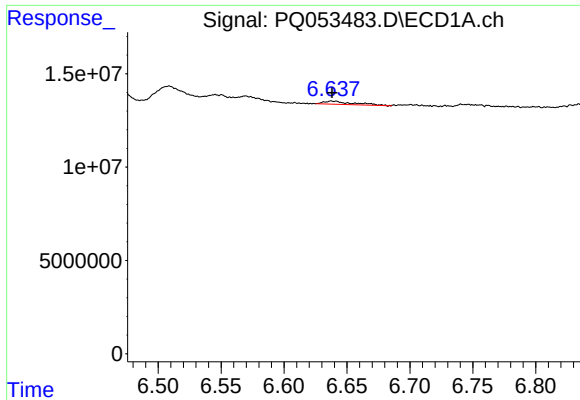
#17 AR-1242-2

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: -296107
Conc: N.D.



#17 AR-1242-2

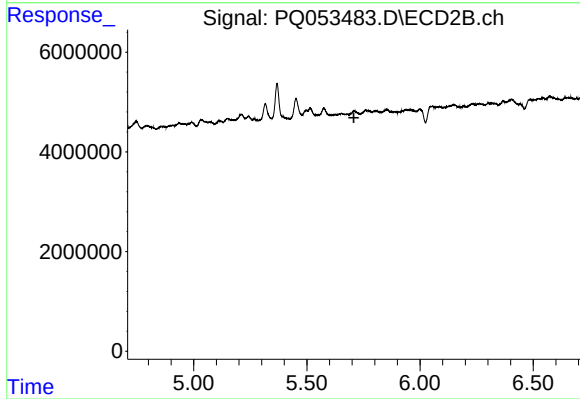
R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 1918507
Conc: 4.06 ng/ml



#18 AR-1242-3

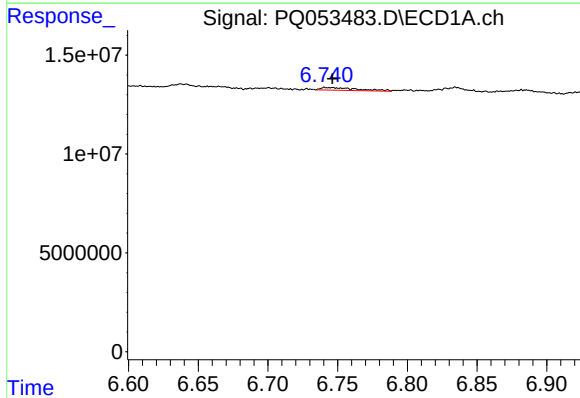
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 2672956
Conc: 4.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



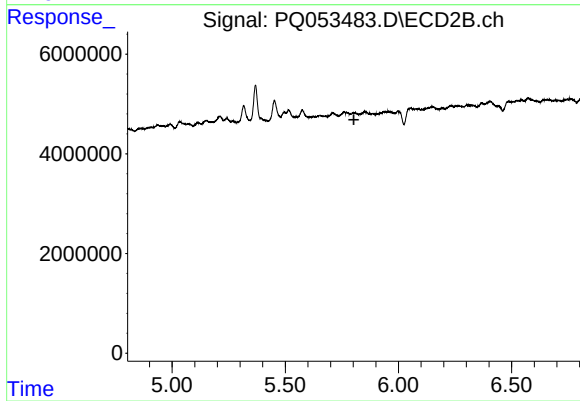
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



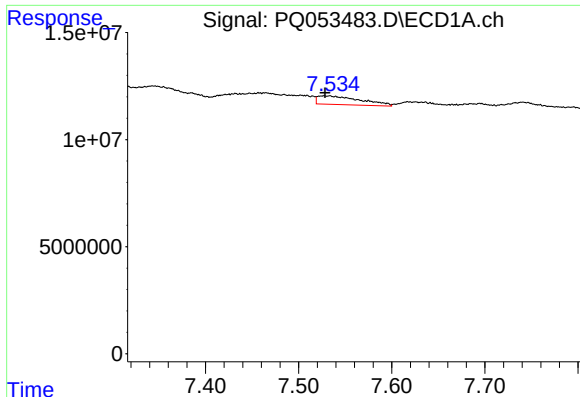
#19 AR-1242-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 2541692
Conc: 4.85 ng/ml



#19 AR-1242-4

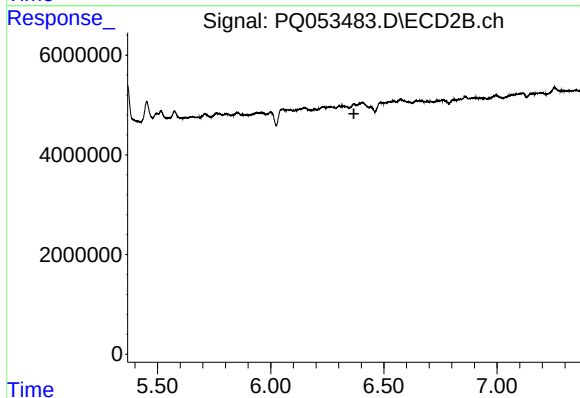
R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



#20 AR-1242-5

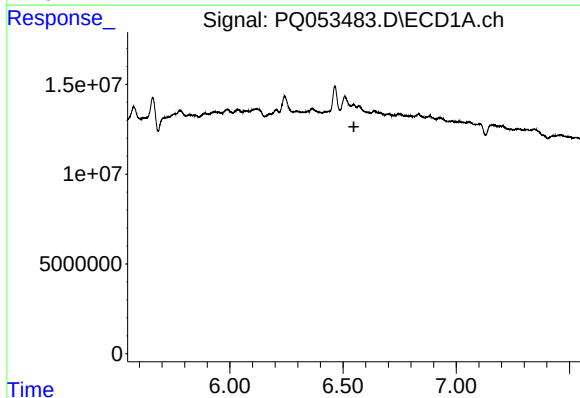
R.T.: 7.527 min
Delta R.T.: -0.001 min
Response: 12700772
Conc: 21.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



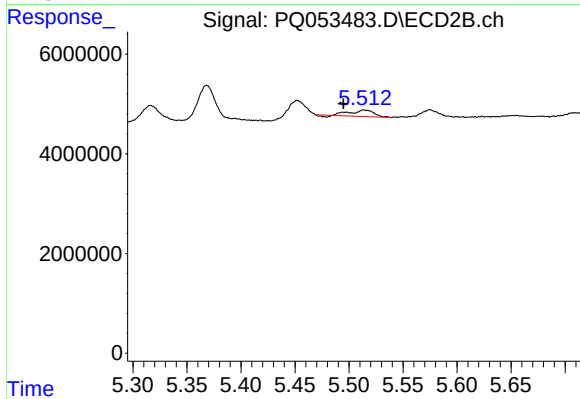
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.368 min
Response: 0
Conc: N.D.



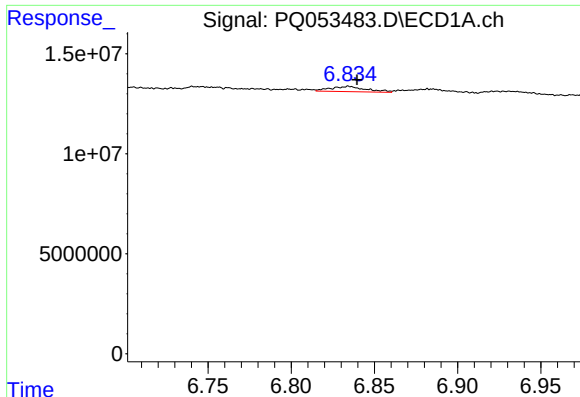
#21 AR-1248-1

R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: -1275699
Conc: N.D.



#21 AR-1248-1

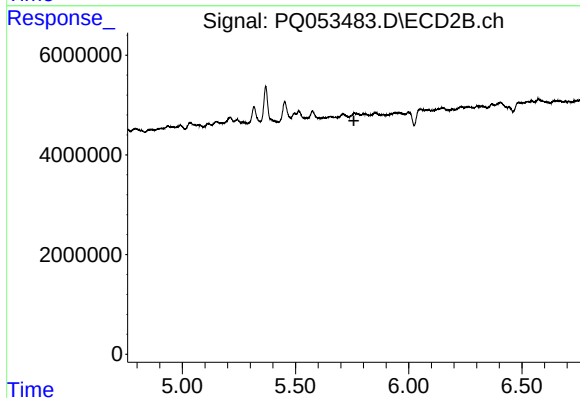
R.T.: 5.514 min
Delta R.T.: 0.019 min
Response: 1918507
Conc: 7.94 ng/ml



#22 AR-1248-2

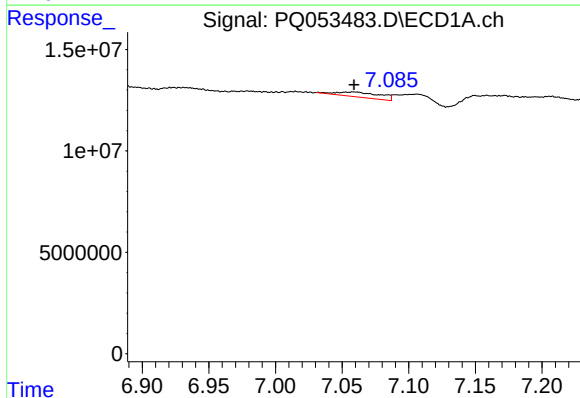
R.T.: 6.835 min
Delta R.T.: -0.005 min
Response: 3825797
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



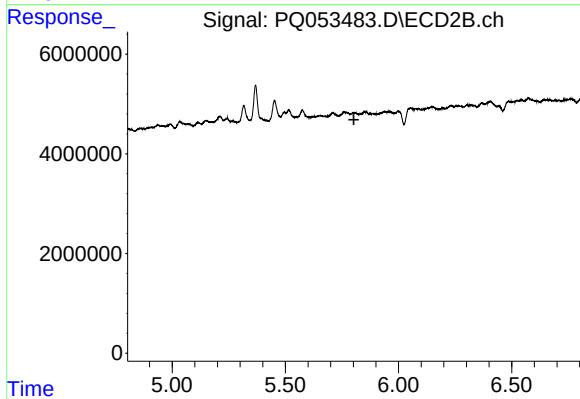
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



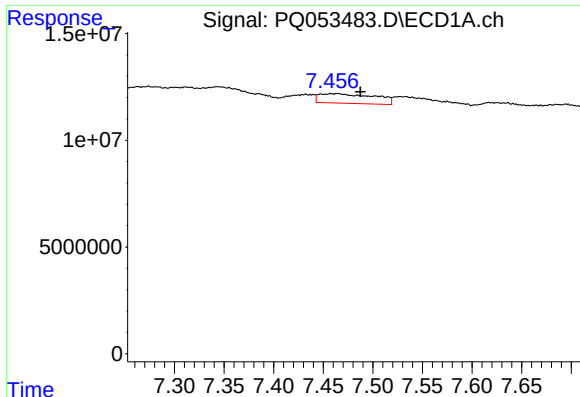
#23 AR-1248-3

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 5680765
Conc: 6.61 ng/ml



#23 AR-1248-3

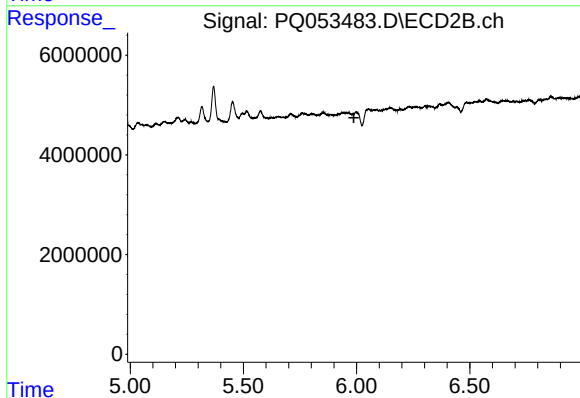
R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



#24 AR-1248-4

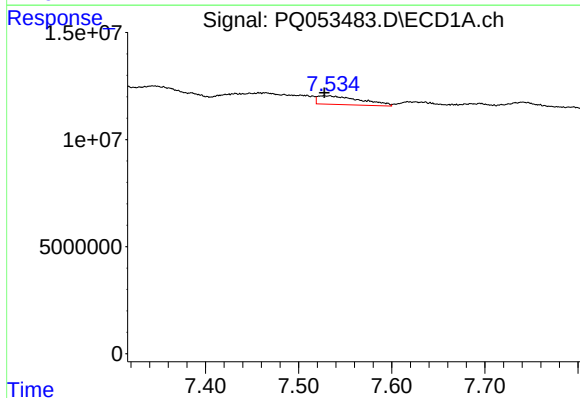
R.T.: 7.465 min
Delta R.T.: -0.023 min
Response: 17553910
Conc: 18.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



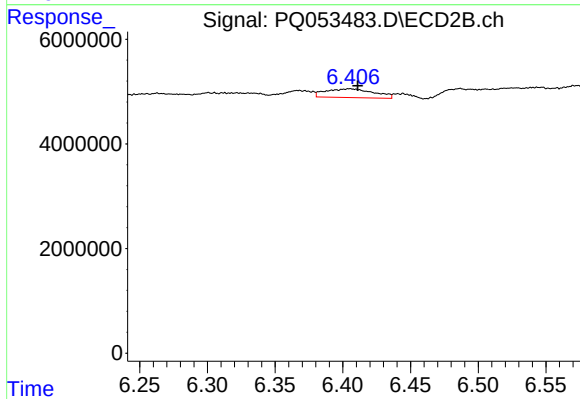
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



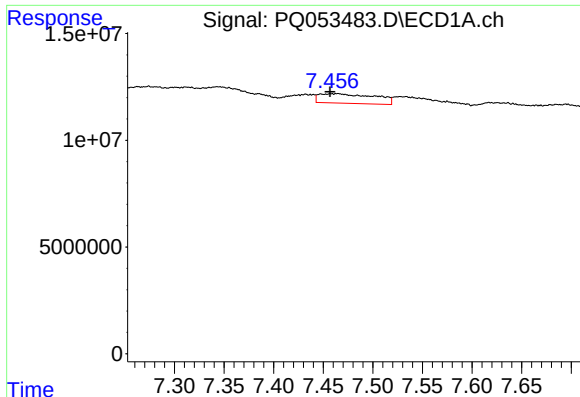
#25 AR-1248-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 12700772
Conc: 12.99 ng/ml



#25 AR-1248-5

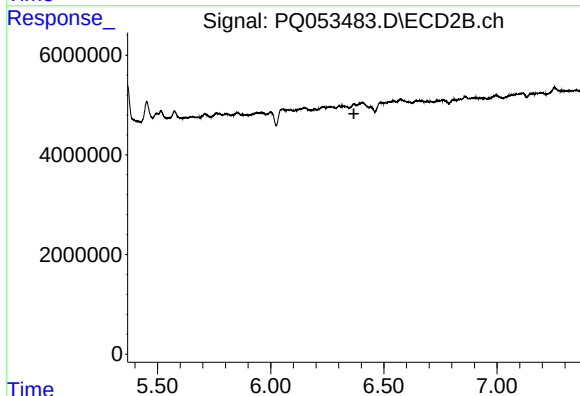
R.T.: 6.405 min
Delta R.T.: -0.006 min
Response: 4114677
Conc: 9.70 ng/ml



#26 AR-1254-1

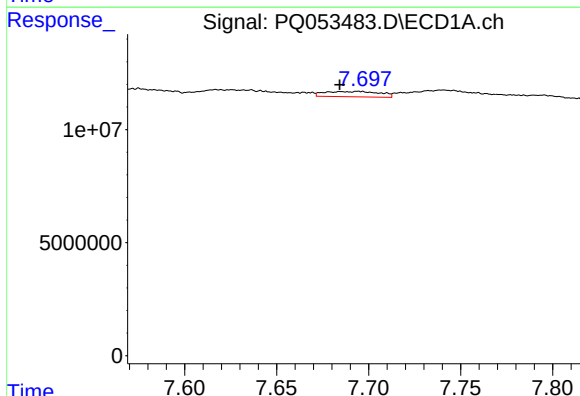
R.T.: 7.465 min
Delta R.T.: 0.008 min
Response: 17553910
Conc: 18.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



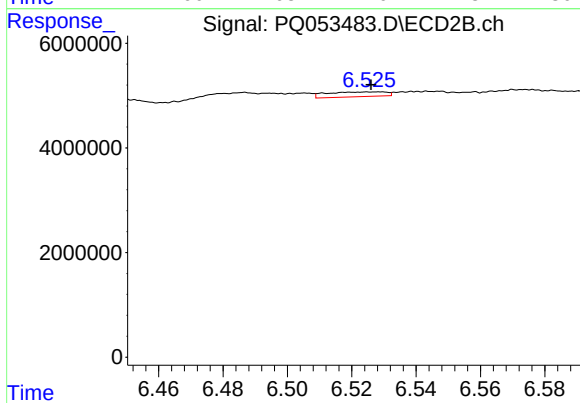
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.367 min
Response: 0
Conc: N.D.



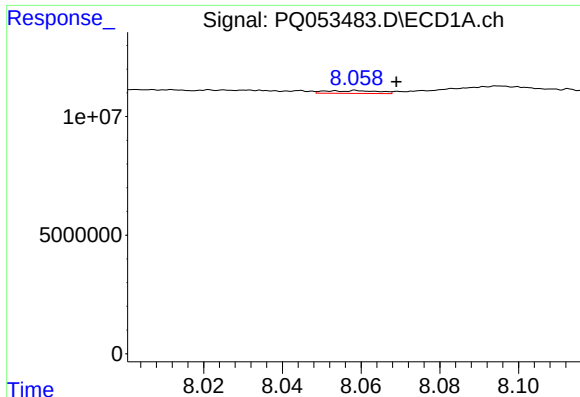
#27 AR-1254-2

R.T.: 7.695 min
Delta R.T.: 0.011 min
Response: 4916564
Conc: 3.26 ng/ml



#27 AR-1254-2

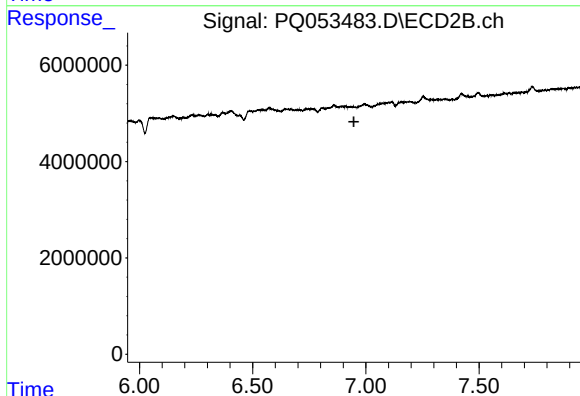
R.T.: 6.529 min
Delta R.T.: 0.003 min
Response: 1179163
Conc: 1.89 ng/ml



#28 AR-1254-3

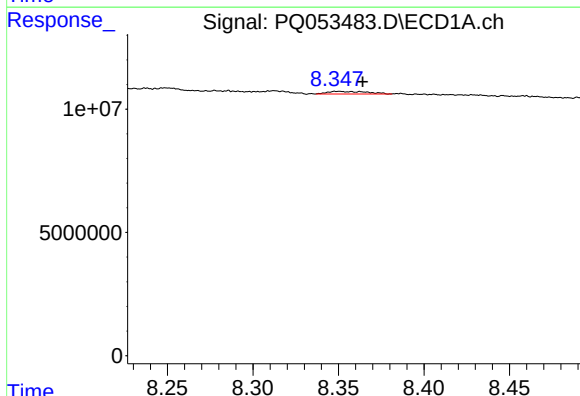
R.T.: 8.059 min
Delta R.T.: -0.010 min
Response: 1086981
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



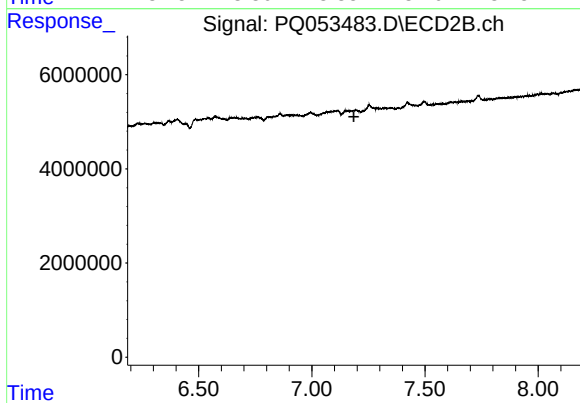
#28 AR-1254-3

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



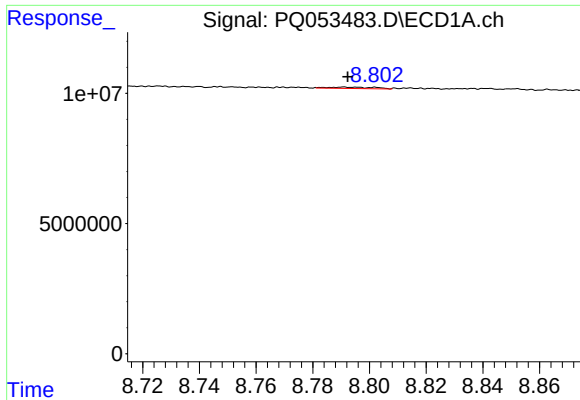
#29 AR-1254-4

R.T.: 8.350 min
Delta R.T.: -0.014 min
Response: 1666749
Conc: 1.44 ng/ml



#29 AR-1254-4

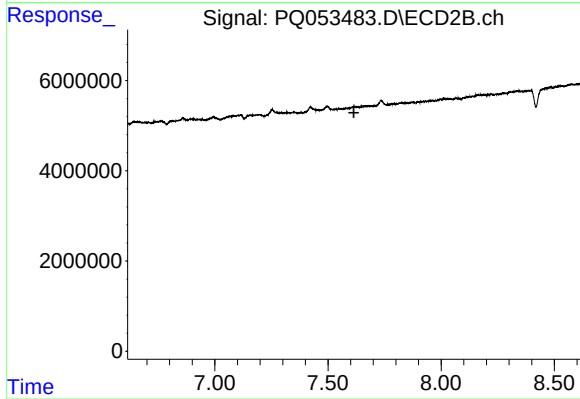
R.T.: 0.000 min
Exp R.T. : 7.186 min
Response: 0
Conc: N.D.



#30 AR-1254-5

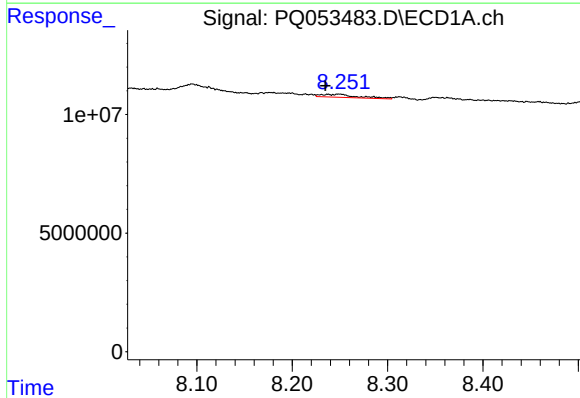
R.T.: 8.791 min
Delta R.T.: -0.001 min
Response: 589535
Conc: 0.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



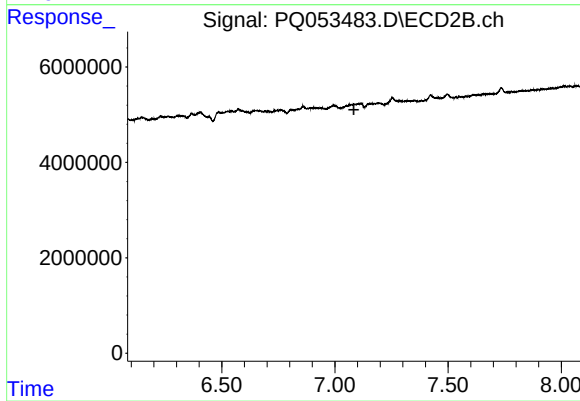
#30 AR-1254-5

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



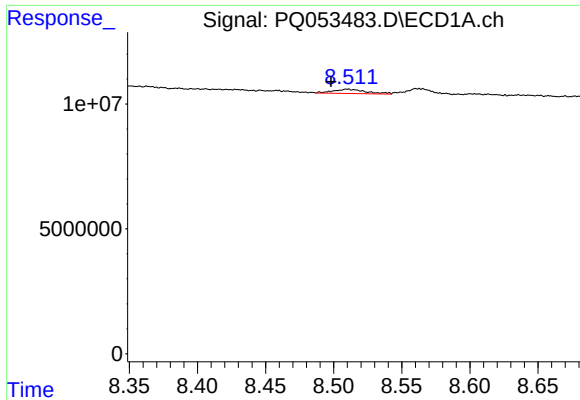
#31 AR-1260-1

R.T.: 8.249 min
Delta R.T.: 0.014 min
Response: 3289895
Conc: 2.42 ng/ml



#31 AR-1260-1

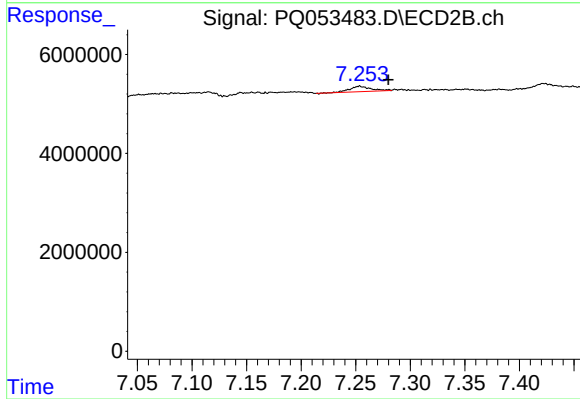
R.T.: 0.000 min
Exp R.T. : 7.084 min
Response: 0
Conc: N.D.



#32 AR-1260-2

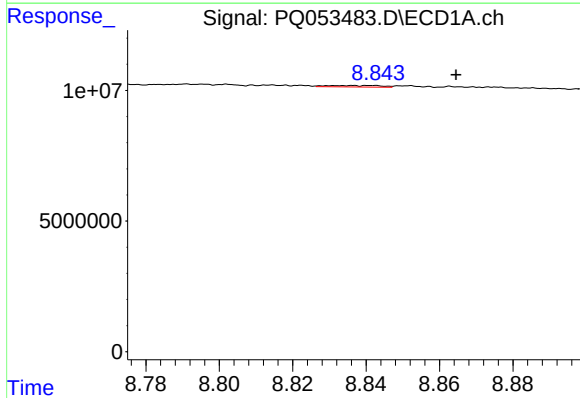
R.T.: 8.510 min
Delta R.T.: 0.012 min
Response: 2801939
Conc: 1.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



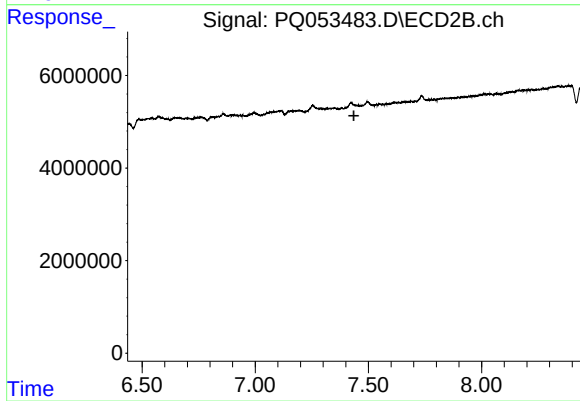
#32 AR-1260-2

R.T.: 7.254 min
Delta R.T.: -0.026 min
Response: 1518260
Conc: 1.34 ng/ml



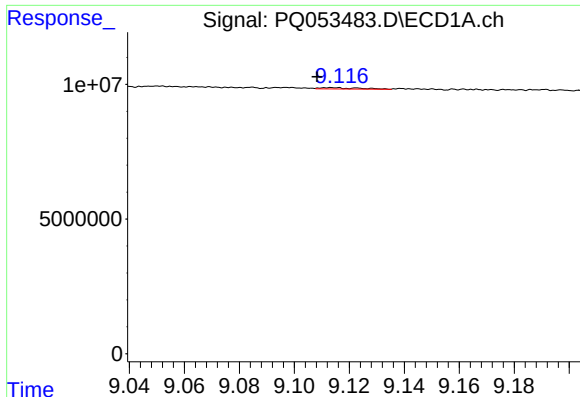
#33 AR-1260-3

R.T.: 8.836 min
Delta R.T.: -0.029 min
Response: 553032
Conc: 0.46 ng/ml



#33 AR-1260-3

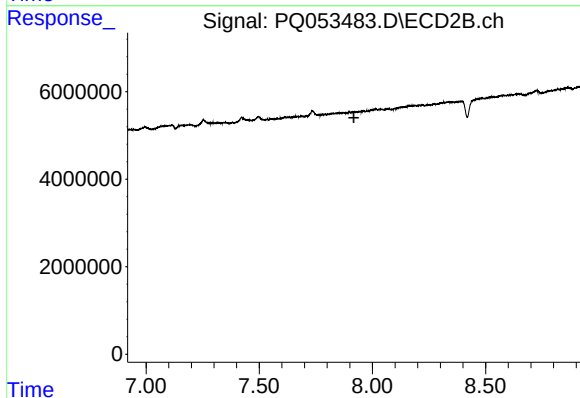
R.T.: 0.000 min
Exp R.T.: 7.436 min
Response: 0
Conc: N.D.



#34 AR-1260-4

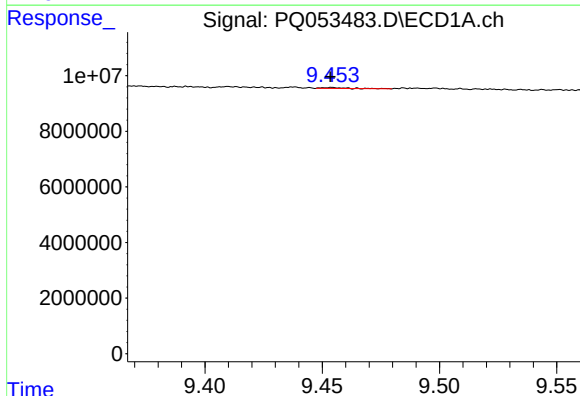
R.T.: 9.114 min
Delta R.T.: 0.006 min
Response: 479053
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



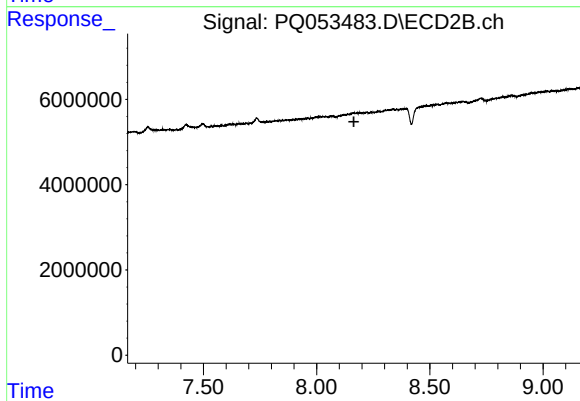
#34 AR-1260-4

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



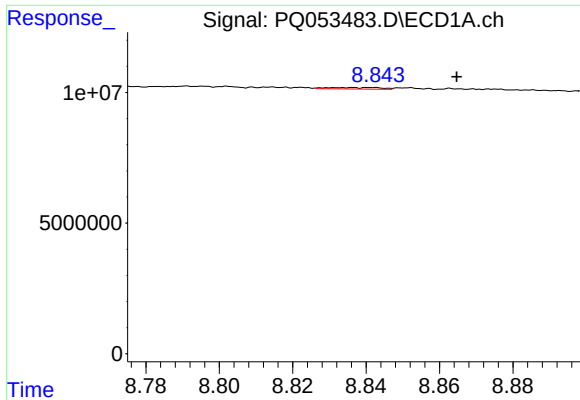
#35 AR-1260-5

R.T.: 9.454 min
Delta R.T.: 0.000 min
Response: 250458
Conc: 0.09 ng/ml



#35 AR-1260-5

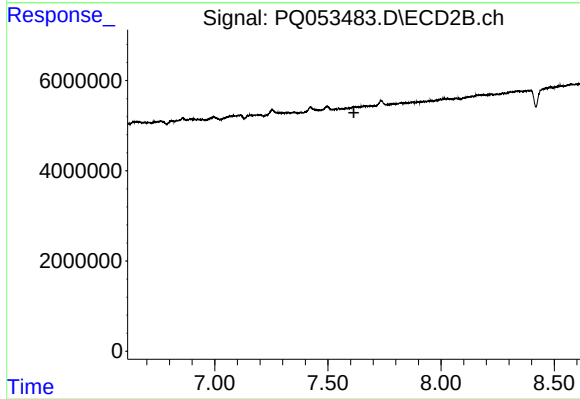
R.T.: 0.000 min
Exp R.T. : 8.165 min
Response: 0
Conc: N.D.



#36 AR-1262-1

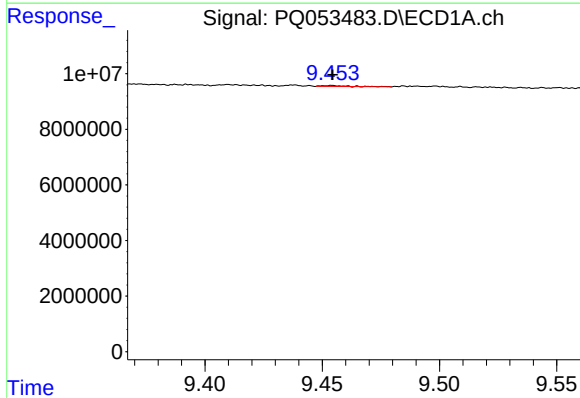
R.T.: 8.836 min
Delta R.T.: -0.029 min
Response: 553032
Conc: 0.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



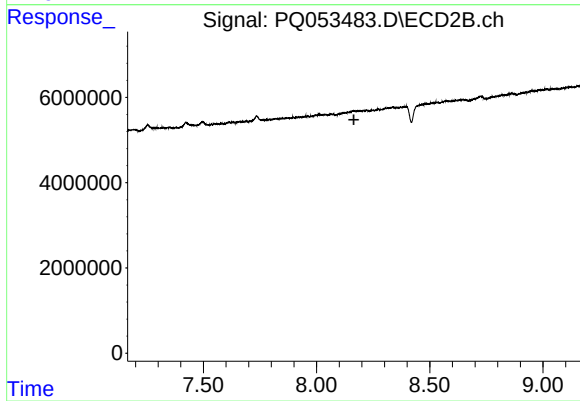
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.615 min
Response: 0
Conc: N.D.



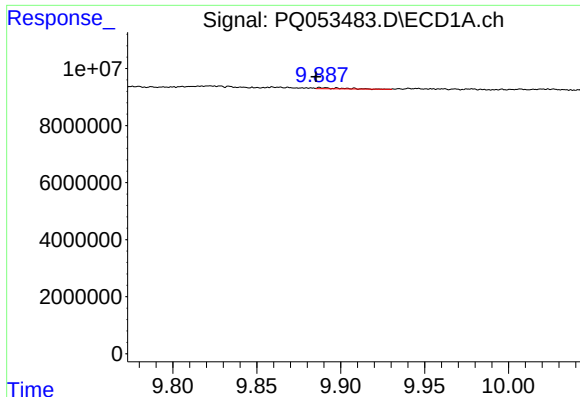
#37 AR-1262-2

R.T.: 9.454 min
Delta R.T.: 0.000 min
Response: 250458
Conc: 0.08 ng/ml



#37 AR-1262-2

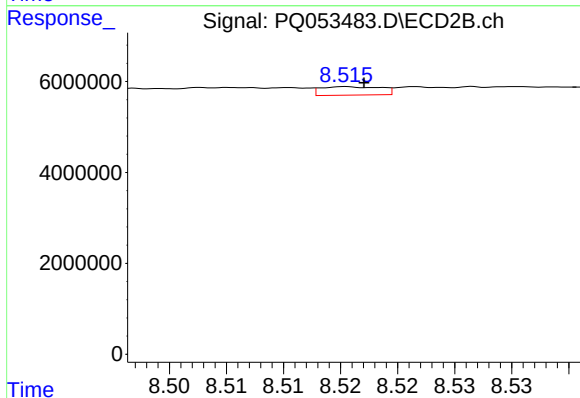
R.T.: 0.000 min
Exp R.T. : 8.165 min
Response: 0
Conc: N.D.



#39 AR-1262-4

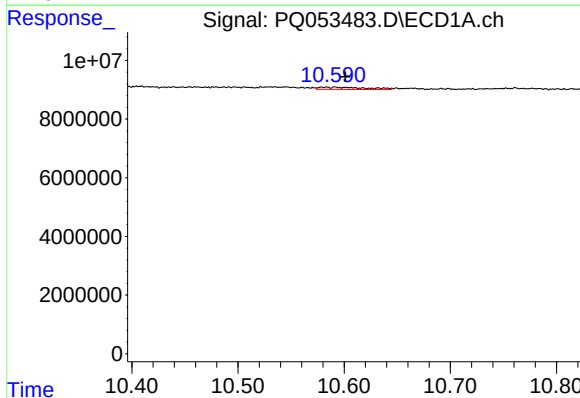
R.T.: 9.888 min
Delta R.T.: 0.002 min
Response: 329810
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



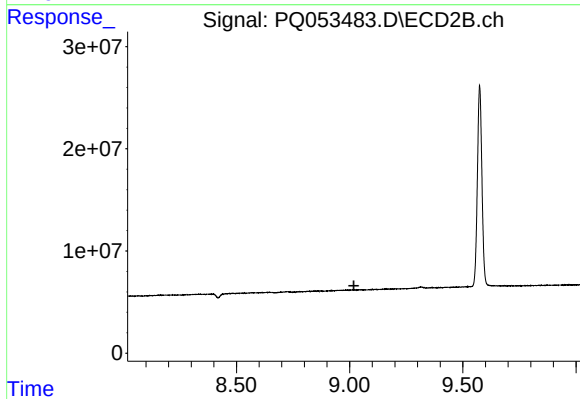
#39 AR-1262-4

R.T.: 8.516 min
Delta R.T.: -0.001 min
Response: 673715
Conc: 0.47 ng/ml



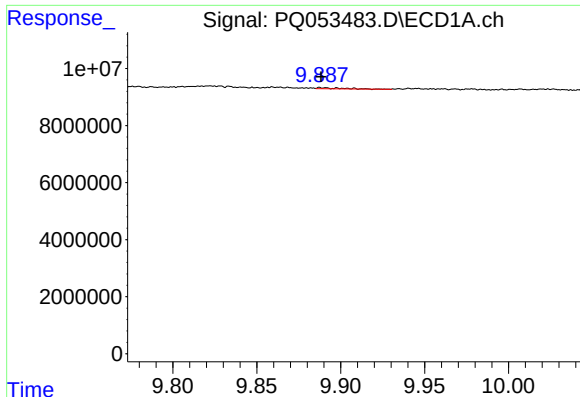
#40 AR-1262-5

R.T.: 10.592 min
Delta R.T.: -0.010 min
Response: 2333469
Conc: 2.05 ng/ml



#40 AR-1262-5

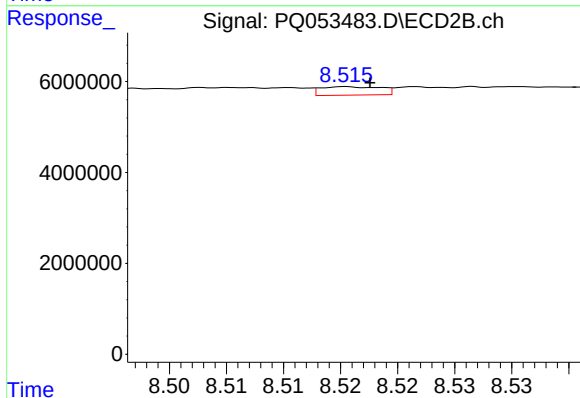
R.T.: 0.000 min
Exp R.T.: 9.019 min
Response: 0
Conc: N.D.



#42 AR-1268-2

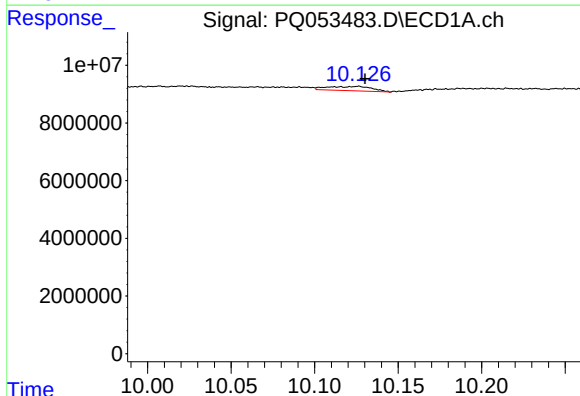
R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 329810
Conc: 0.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



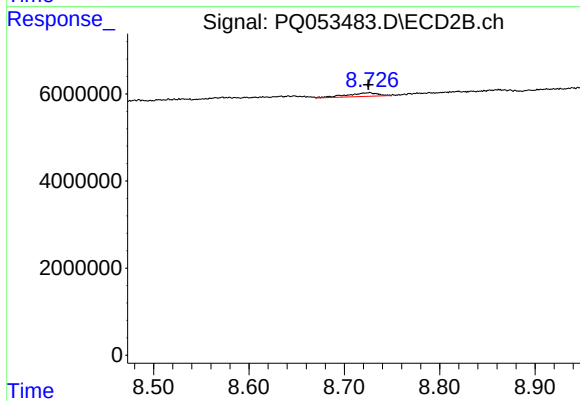
#42 AR-1268-2

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 673715
Conc: 0.35 ng/ml



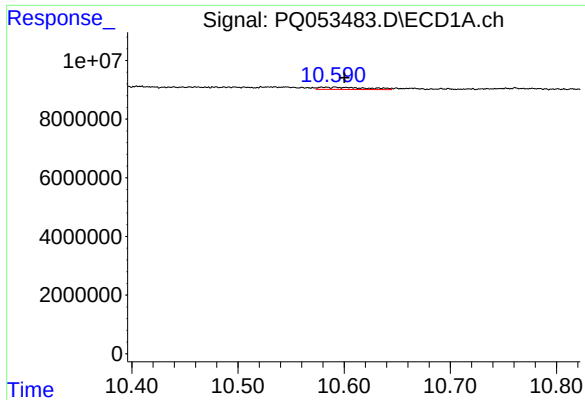
#43 AR-1268-3

R.T.: 10.126 min
Delta R.T.: -0.004 min
Response: 2799341
Conc: 0.96 ng/ml



#43 AR-1268-3

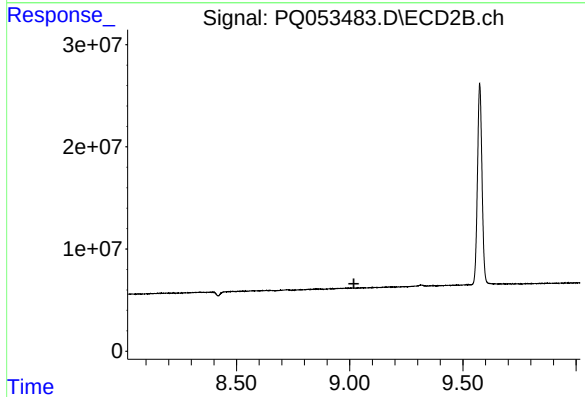
R.T.: 8.727 min
Delta R.T.: 0.002 min
Response: 1851772
Conc: 1.09 ng/ml



#44 AR-1268-4

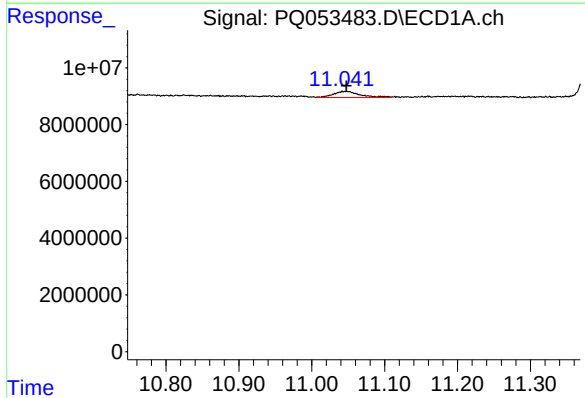
R.T.: 10.592 min
Delta R.T.: -0.009 min
Response: 2333469
Conc: 2.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



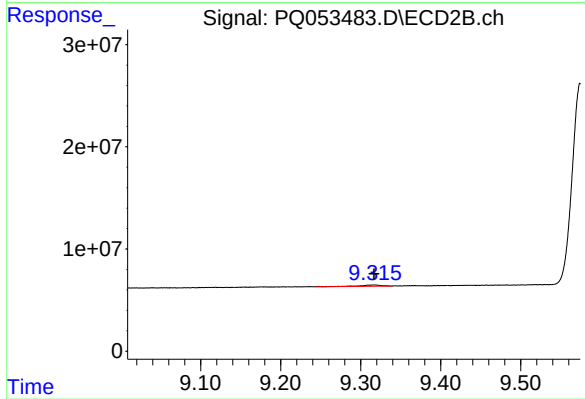
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 11.047 min
Delta R.T.: 0.000 min
Response: 5458587
Conc: 0.58 ng/ml



#45 AR-1268-5

R.T.: 9.318 min
Delta R.T.: 0.002 min
Response: 2329252
Conc: 0.48 ng/ml