

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051521\
 Data File : PQ053518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2021 10:00
 Operator : DD\AJ
 Sample : M2262-03
 Misc : AR1221 MDL 25 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 17:38:01 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	542.1E6	236.6E6	18.777	18.365
2)	SA Decachlor...	11.409	9.574	572.7E6	276.5E6	19.174	19.477
Target Compounds							
3)	L1 AR-1016-1	6.547	5.515f	-321963	1998355	N.D.	4.391 #
4)	L1 AR-1016-2	6.570	5.515	633355	1998355	0.411	2.949 #
5)	L1 AR-1016-3	6.639	0.000	1893589	0	2.068	N.D. #
6)	L1 AR-1016-4	6.750	0.000	2133249	0	2.895	N.D. #
7)	L1 AR-1016-5	7.065	0.000	7757509	0	10.755	N.D. #
8)	L2 AR-1221-1	5.469	4.495	9695759	9367696	33.232	70.039 #
9)	L2 AR-1221-2	5.575	4.594	27444731	9717673	129.215	96.885 #
10)	L2 AR-1221-3	5.660	4.683	43940320	9380607	62.959	28.766 #
11)	L3 AR-1232-1	5.660	4.683	43940320	9380607	85.272	39.550 #
12)	L3 AR-1232-2	6.241	5.515	23598197	1998355	84.744	7.900 #
13)	L3 AR-1232-3	6.570	0.000	633355	0	1.079	N.D. #
14)	L3 AR-1232-4	6.750	0.000	2133249	0	7.816	N.D. #
15)	L3 AR-1232-5	6.833	0.000	5983564	0	30.087	N.D. #
16)	L4 AR-1242-1	6.547	5.515f	-321963	1998355	N.D.	6.226 #
17)	L4 AR-1242-2	6.570	5.515	633355	1998355	0.585	4.230 #
18)	L4 AR-1242-3	6.639	0.000	1893589	0	2.916	N.D. #
19)	L4 AR-1242-4	6.750	0.000	2133249	0	4.075	N.D. #
20)	L4 AR-1242-5	7.527	0.000	12455950	0	21.339	N.D. #
21)	L5 AR-1248-1	6.547	5.515f	-321963	1998355	N.D.	8.267 #
22)	L5 AR-1248-2	6.833	0.000	5983564	0	7.892	N.D. #
23)	L5 AR-1248-3	7.065	0.000	7757509	0	9.033	N.D. #
24)	L5 AR-1248-4	7.490	0.000	6171108	0	6.344	N.D. #
25)	L5 AR-1248-5	7.527	0.000	12455950	0	12.741	N.D. #
26)	L6 AR-1254-1	7.459	0.000	9425301	0	9.682	N.D. #
27)	L6 AR-1254-2	7.688	6.528	4142675	2299370	2.745	3.693 #
28)	L6 AR-1254-3	8.093f	0.000	1533847	0	0.982	N.D. #
29)	L6 AR-1254-4	8.363	0.000	2832687	0	2.442	N.D. #
30)	L6 AR-1254-5	8.791	0.000	1533252	0	1.191	N.D. #
32)	L7 AR-1260-2	8.508	7.252f	6222344	1309082	3.621	1.153 #
33)	L7 AR-1260-3	8.877	0.000	1574993	0	1.307	N.D. #
34)	L7 AR-1260-4	9.105	0.000	199727	0	0.157	N.D. #
35)	L7 AR-1260-5	9.458	0.000	314445	0	0.114	N.D. #
36)	L8 AR-1262-1	8.877	0.000	1574993	0	0.910	N.D. #
37)	L8 AR-1262-2	9.458	0.000	314445	0	0.104	N.D. #
38)	L8 AR-1262-3	0.000	8.442	0	3204534	N.D.	3.805 #
39)	L8 AR-1262-4	0.000	8.517	0	1006893	N.D.	0.710 #
40)	L8 AR-1262-5	10.586f	0.000	3081972	0	2.708	N.D. #
41)	L9 AR-1268-1	0.000	8.442	0	3204534	N.D.	1.383 #
42)	L9 AR-1268-2	0.000	8.517	0	1006893	N.D.	0.518 #

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	10.121	0.000	2317607	0	0.791	N.D. #
44) L9	AR-1268-4	10.586	0.000	3081972	0	2.674	N.D. #
45) L9	AR-1268-5	11.047	9.314	5271937	1630809	0.564	0.337 #

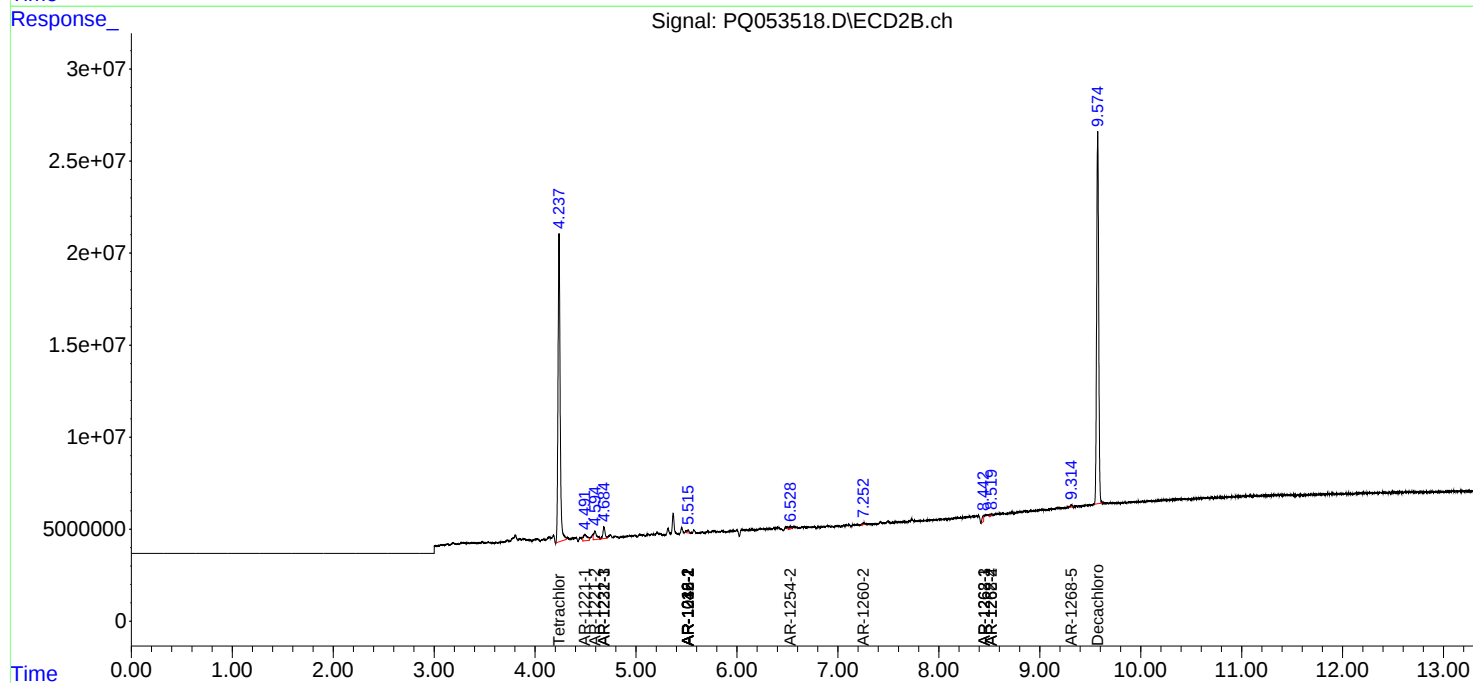
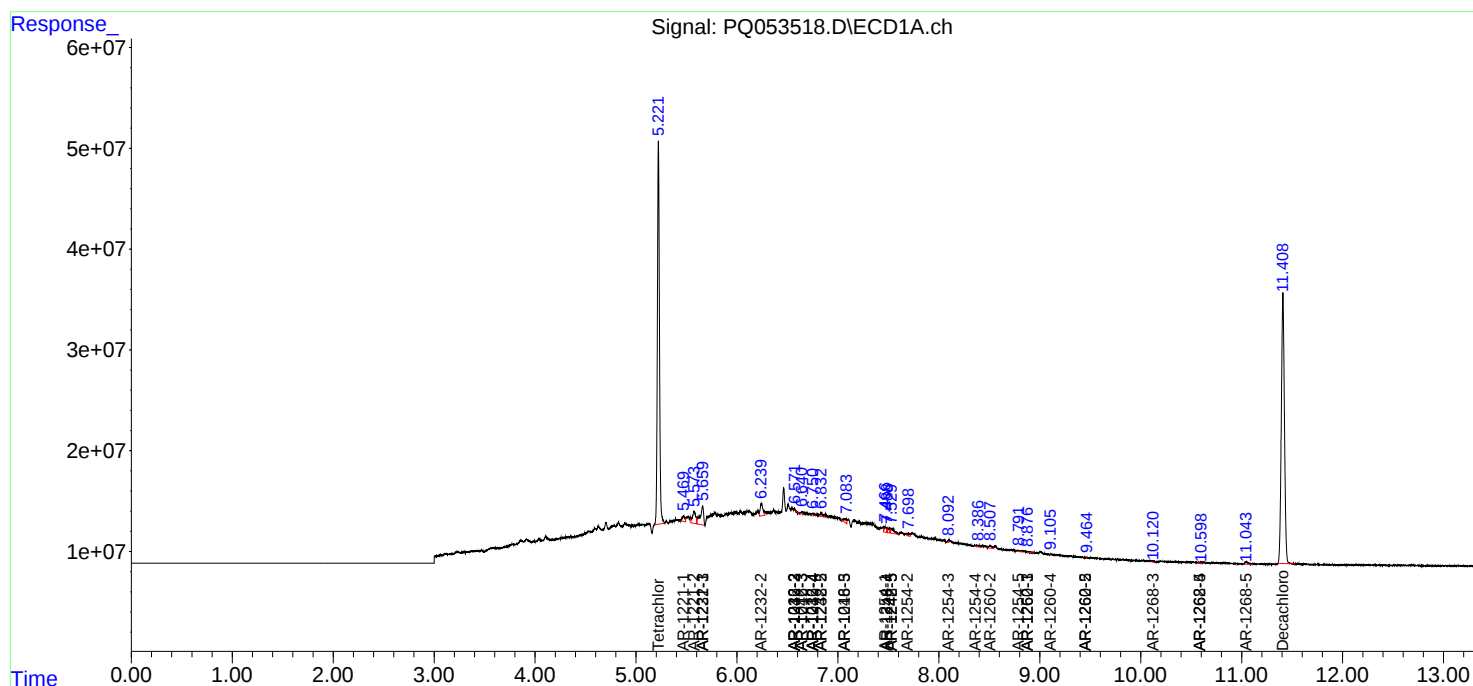
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

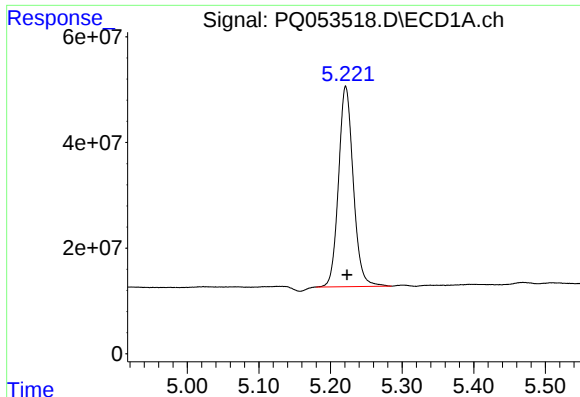
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051521\
Data File : PQ053518.D
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

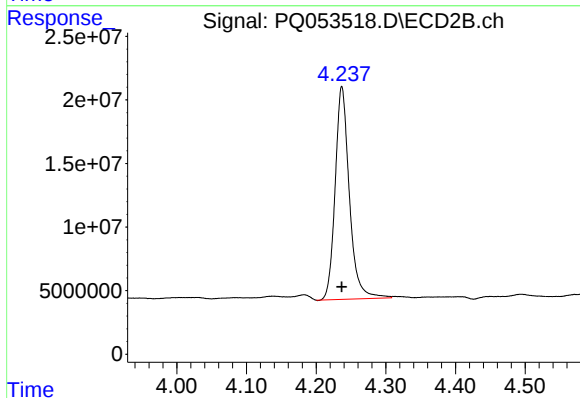




#1 Tetrachloro-m-xylene

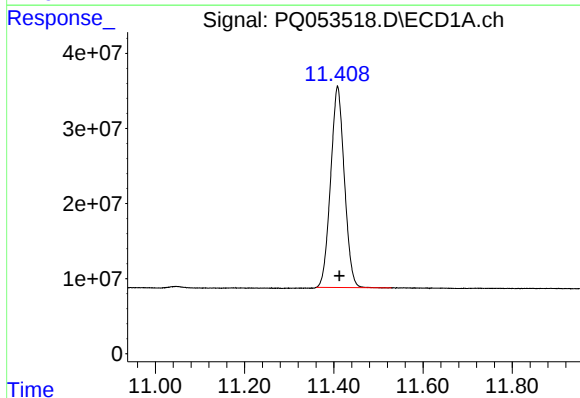
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 542106358
Conc: 18.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



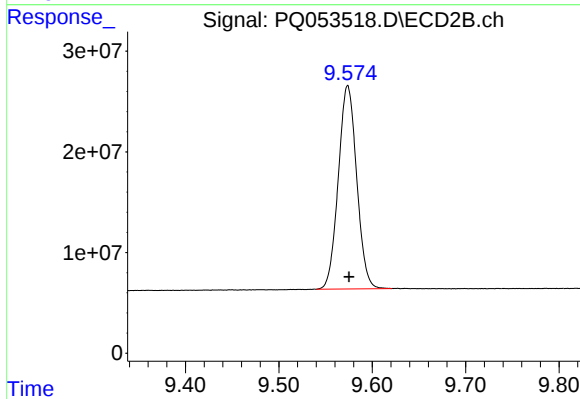
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 236626648
Conc: 18.36 ng/ml



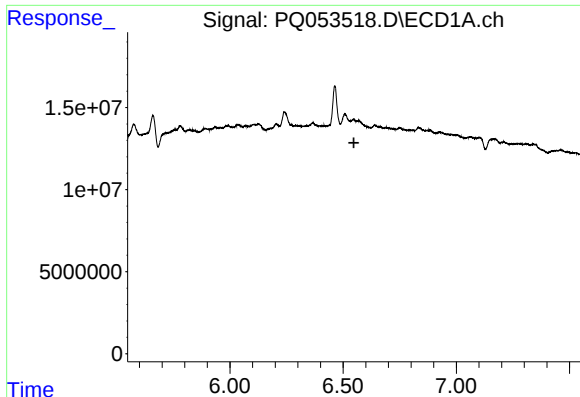
#2 Decachlorobiphenyl

R.T.: 11.409 min
Delta R.T.: -0.004 min
Response: 572670132
Conc: 19.17 ng/ml



#2 Decachlorobiphenyl

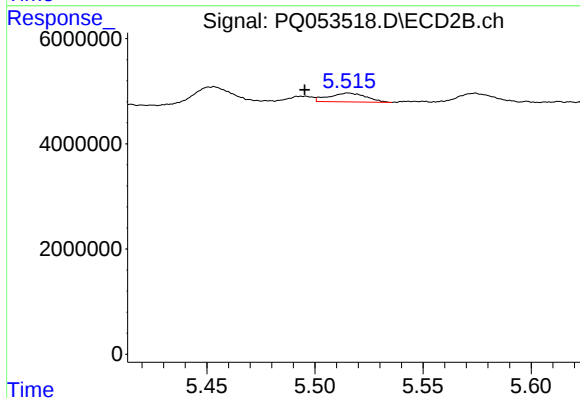
R.T.: 9.574 min
Delta R.T.: -0.001 min
Response: 276531357
Conc: 19.48 ng/ml



#3 AR-1016-1

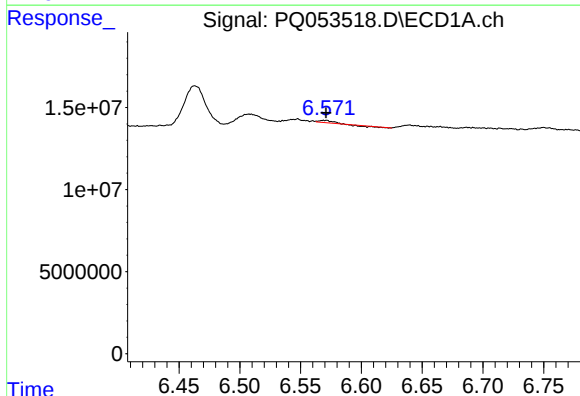
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: -321963
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



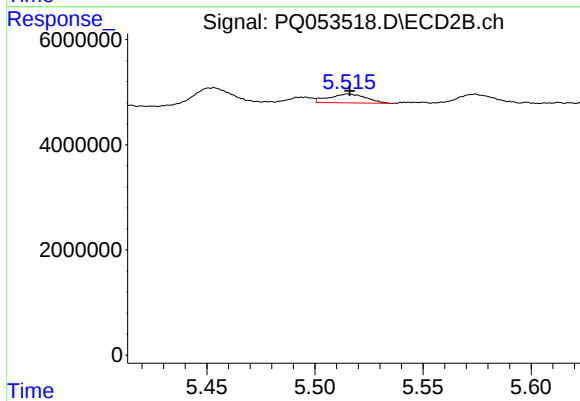
#3 AR-1016-1

R.T.: 5.515 min
Delta R.T.: 0.020 min
Response: 1998355
Conc: 4.39 ng/ml



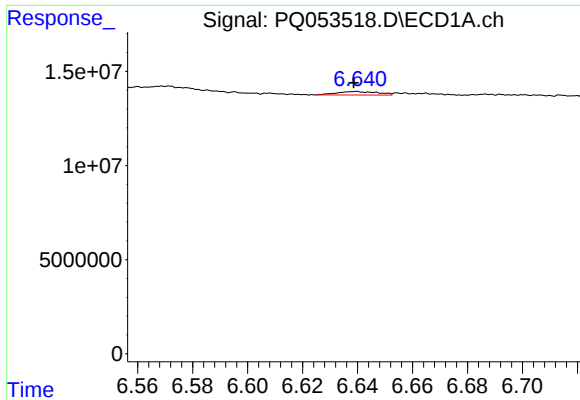
#4 AR-1016-2

R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 633355
Conc: 0.41 ng/ml



#4 AR-1016-2

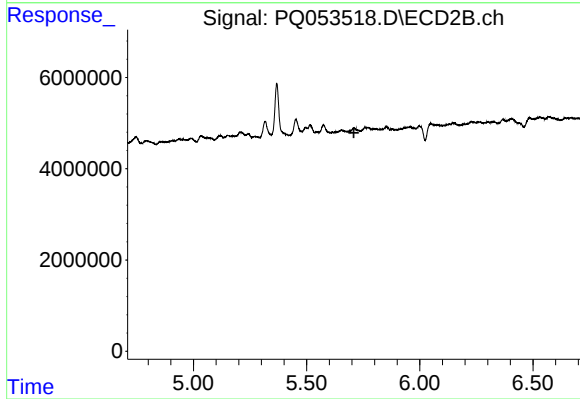
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 1998355
Conc: 2.95 ng/ml



#5 AR-1016-3

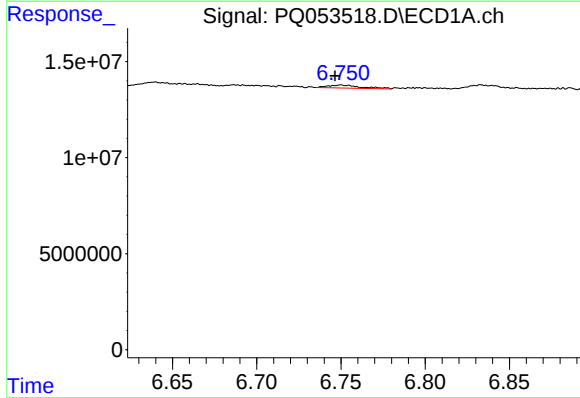
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 1893589
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



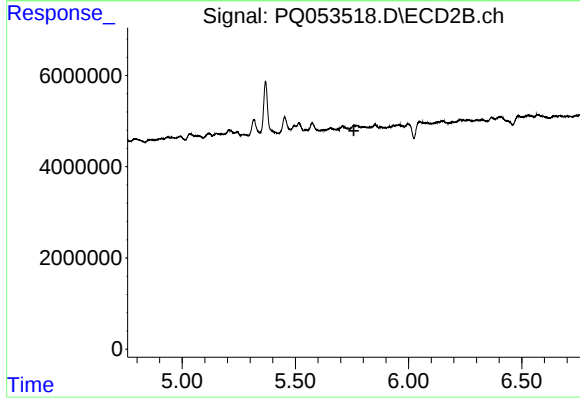
#5 AR-1016-3

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



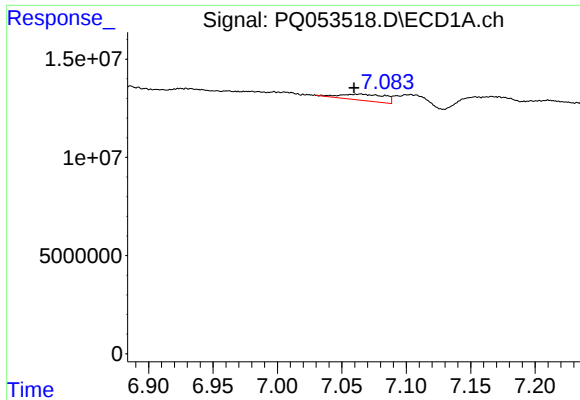
#6 AR-1016-4

R.T.: 6.750 min
Delta R.T.: 0.003 min
Response: 2133249
Conc: 2.89 ng/ml



#6 AR-1016-4

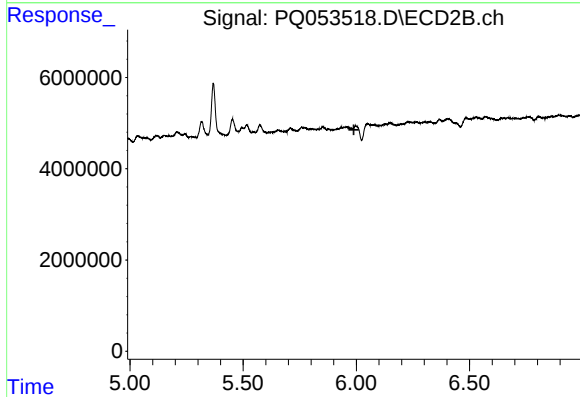
R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.



#7 AR-1016-5

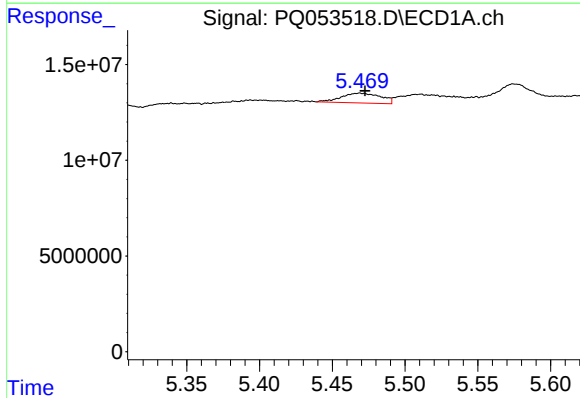
R.T.: 7.065 min
Delta R.T.: 0.005 min
Response: 7757509
Conc: 10.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



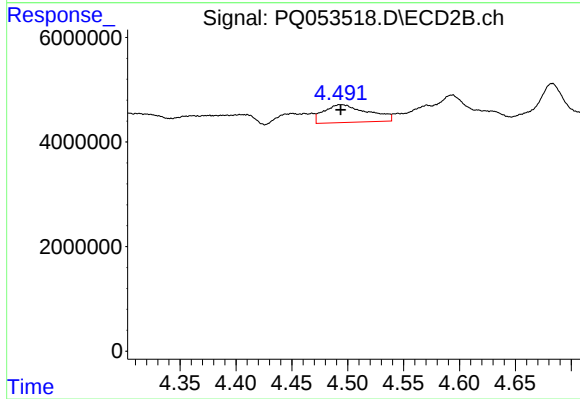
#7 AR-1016-5

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



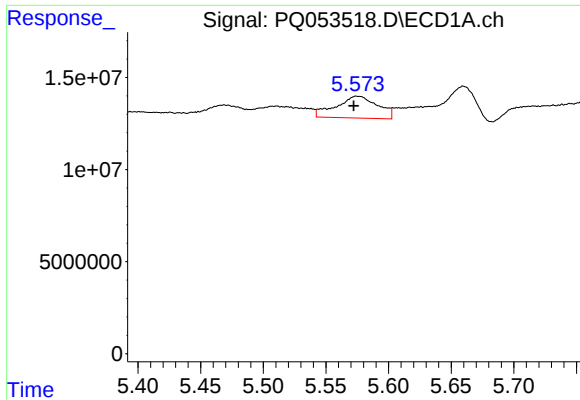
#8 AR-1221-1

R.T.: 5.469 min
Delta R.T.: -0.004 min
Response: 9695759
Conc: 33.23 ng/ml



#8 AR-1221-1

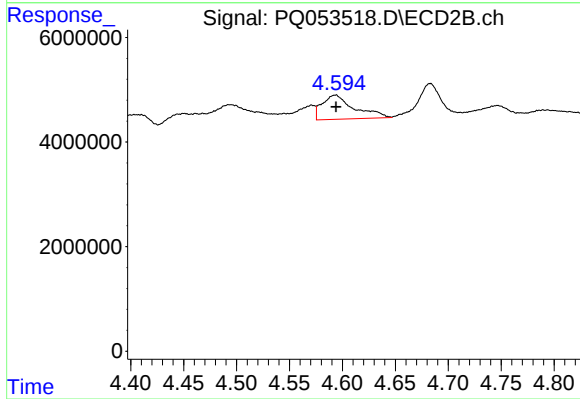
R.T.: 4.495 min
Delta R.T.: 0.001 min
Response: 9367696
Conc: 70.04 ng/ml



#9 AR-1221-2

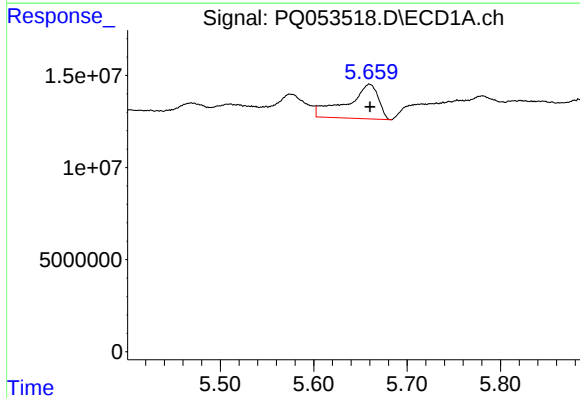
R.T.: 5.575 min
Delta R.T.: 0.003 min
Response: 27444731
Conc: 129.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



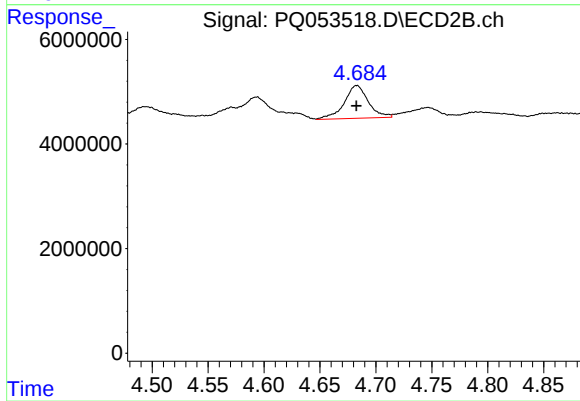
#9 AR-1221-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 9717673
Conc: 96.88 ng/ml



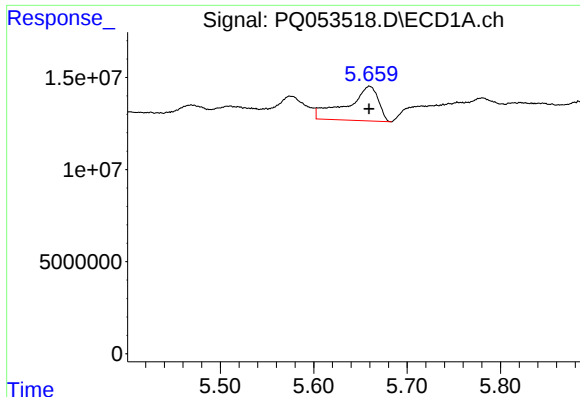
#10 AR-1221-3

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 43940320
Conc: 62.96 ng/ml



#10 AR-1221-3

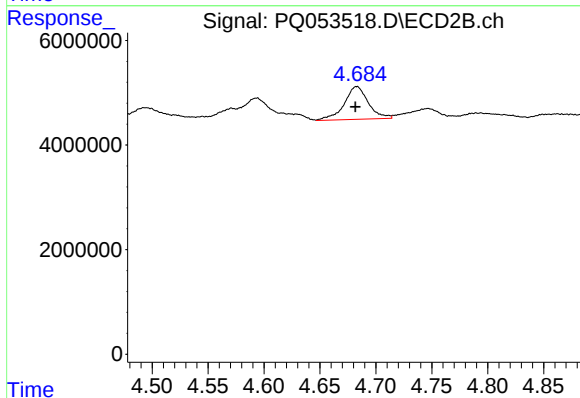
R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 9380607
Conc: 28.77 ng/ml



#11 AR-1232-1

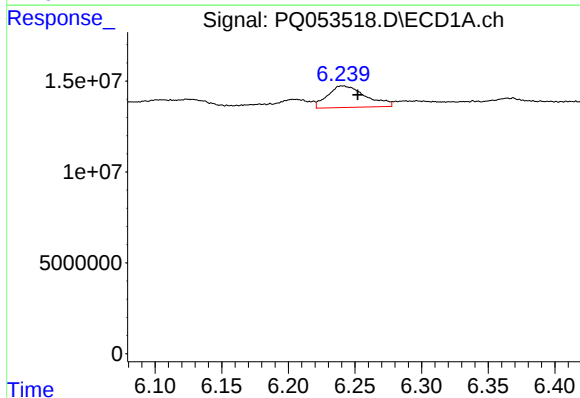
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 43940320
Conc: 85.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



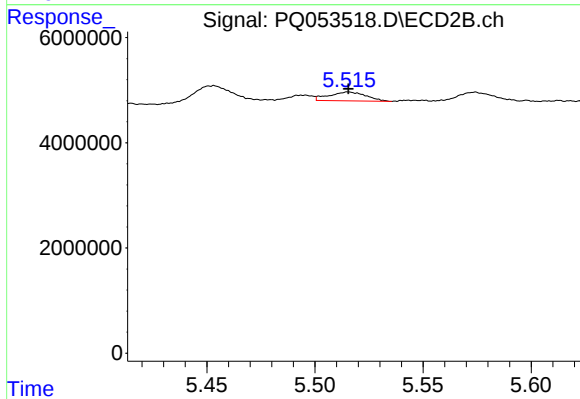
#11 AR-1232-1

R.T.: 4.683 min
Delta R.T.: 0.001 min
Response: 9380607
Conc: 39.55 ng/ml



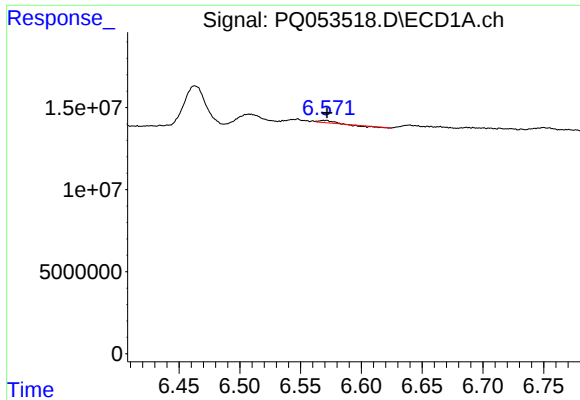
#12 AR-1232-2

R.T.: 6.241 min
Delta R.T.: -0.012 min
Response: 23598197
Conc: 84.74 ng/ml



#12 AR-1232-2

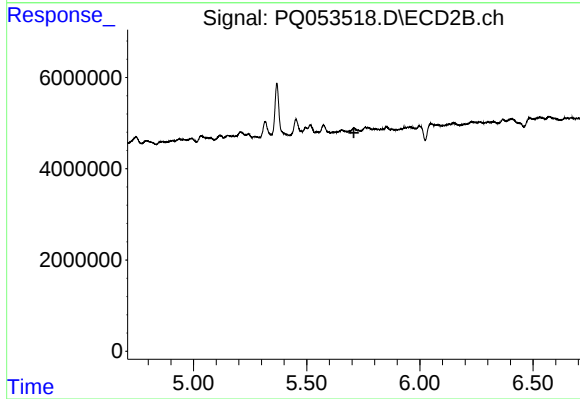
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 1998355
Conc: 7.90 ng/ml



#13 AR-1232-3

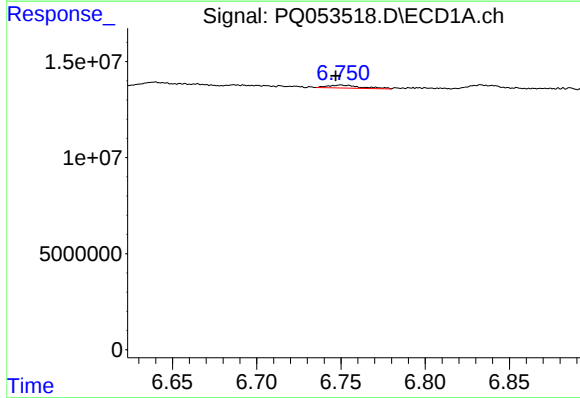
R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 633355
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



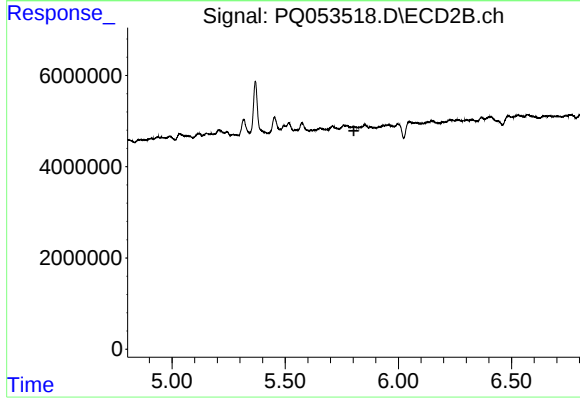
#13 AR-1232-3

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



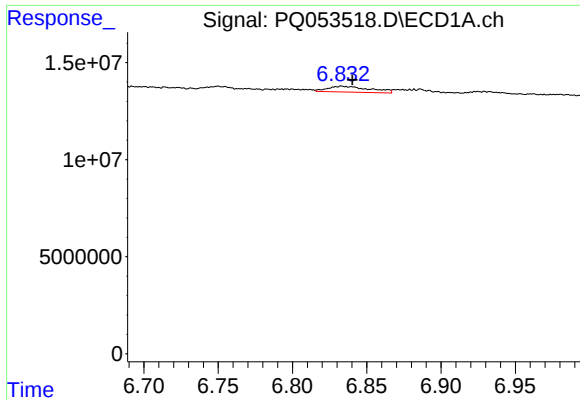
#14 AR-1232-4

R.T.: 6.750 min
Delta R.T.: 0.003 min
Response: 2133249
Conc: 7.82 ng/ml



#14 AR-1232-4

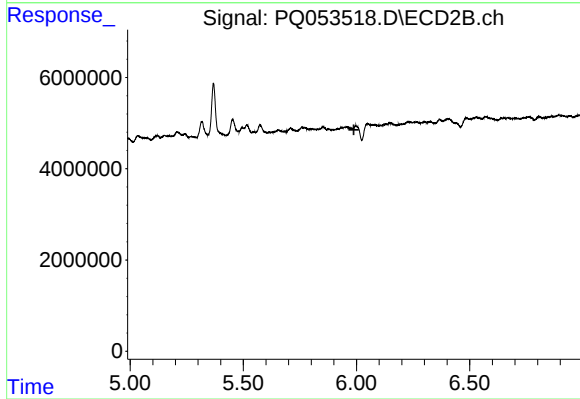
R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



#15 AR-1232-5

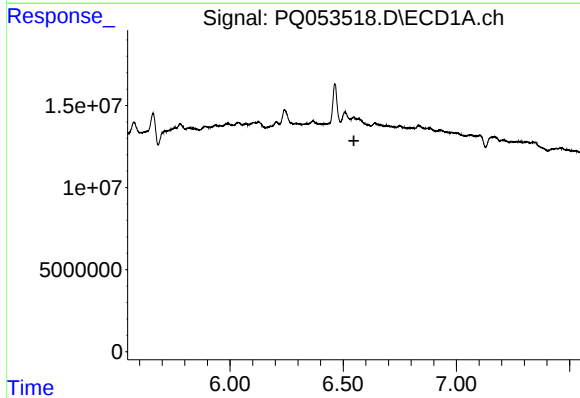
R.T.: 6.833 min
Delta R.T.: -0.007 min
Response: 5983564
Conc: 30.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



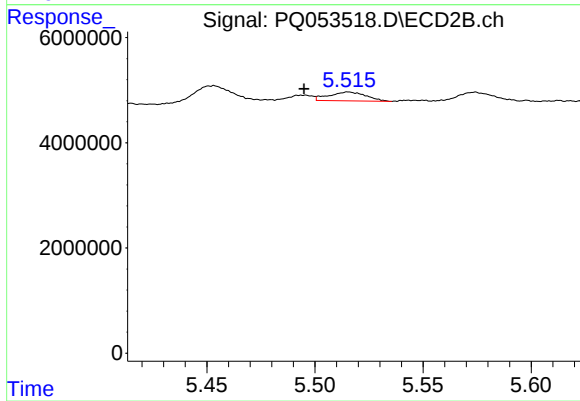
#15 AR-1232-5

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



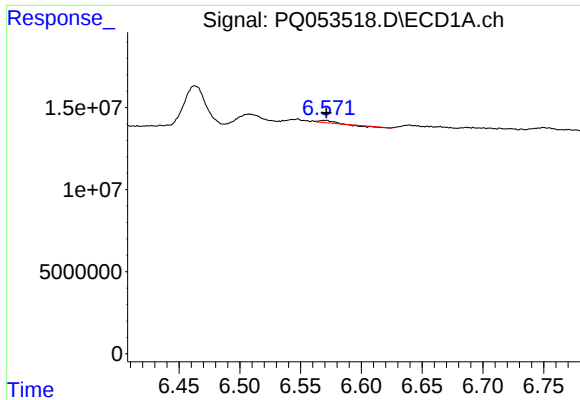
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: -321963
Conc: N.D.



#16 AR-1242-1

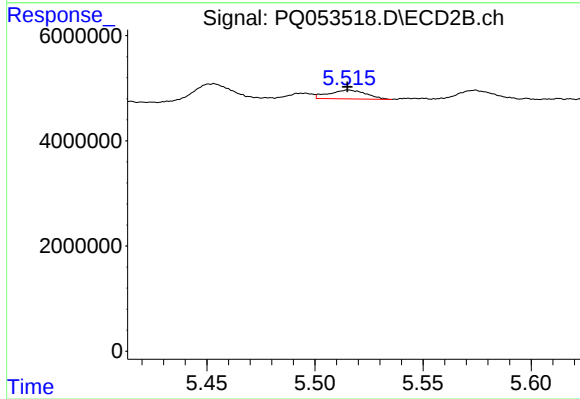
R.T.: 5.515 min
Delta R.T.: 0.021 min
Response: 1998355
Conc: 6.23 ng/ml



#17 AR-1242-2

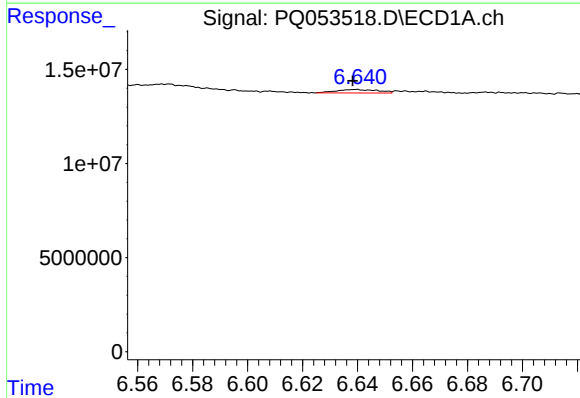
R.T.: 6.570 min
Delta R.T.: -0.001 min
Response: 633355
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



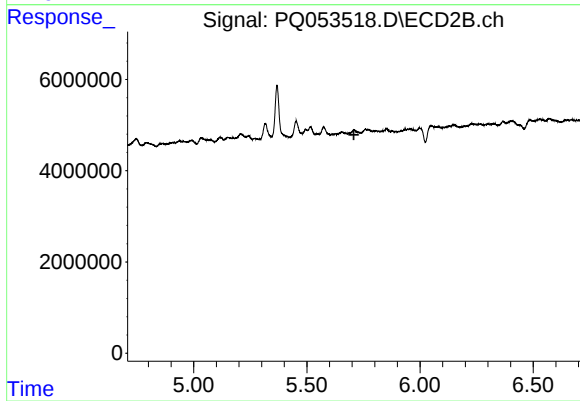
#17 AR-1242-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 1998355
Conc: 4.23 ng/ml



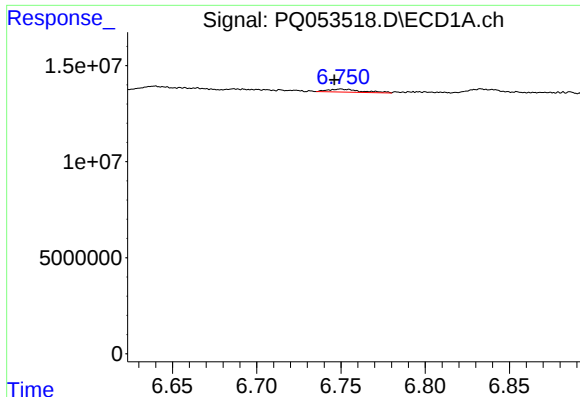
#18 AR-1242-3

R.T.: 6.639 min
Delta R.T.: 0.001 min
Response: 1893589
Conc: 2.92 ng/ml



#18 AR-1242-3

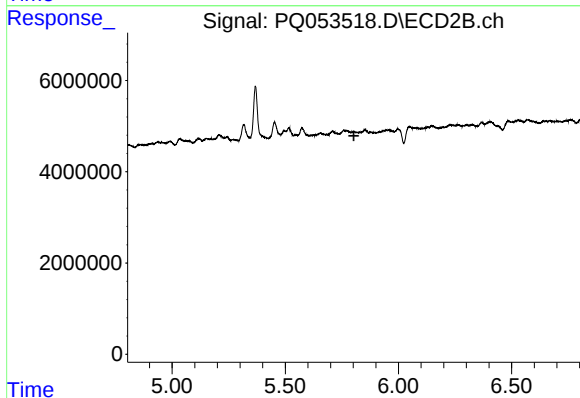
R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.



#19 AR-1242-4

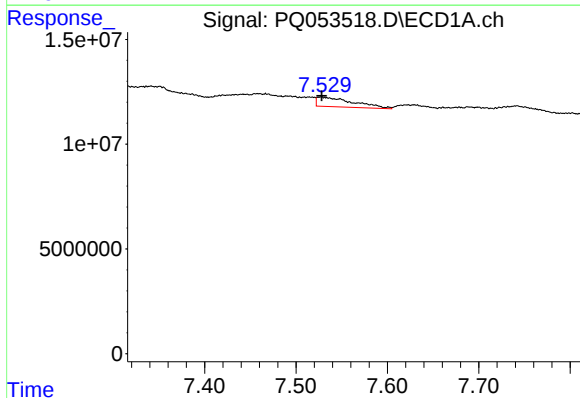
R.T.: 6.750 min
Delta R.T.: 0.004 min
Response: 2133249
Conc: 4.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



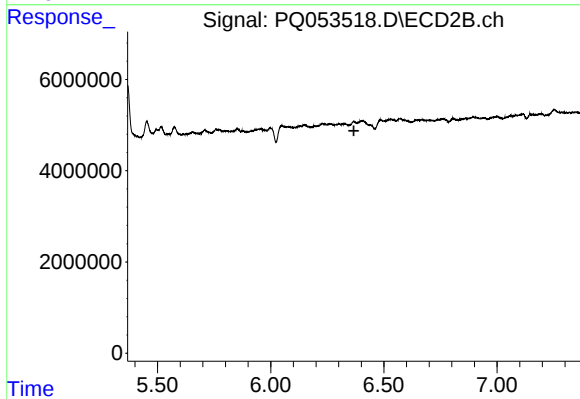
#19 AR-1242-4

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



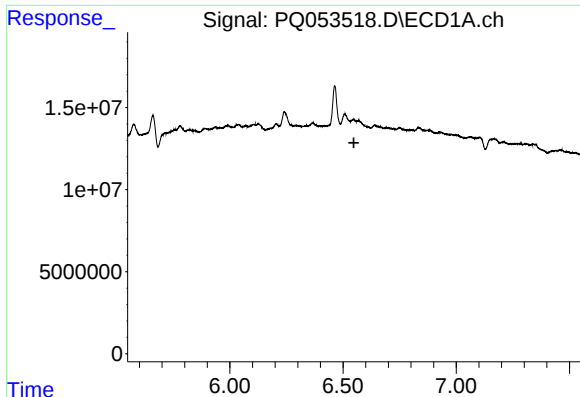
#20 AR-1242-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 12455950
Conc: 21.34 ng/ml



#20 AR-1242-5

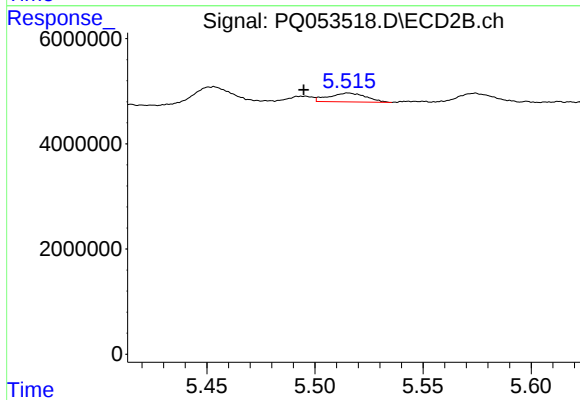
R.T.: 0.000 min
Exp R.T. : 6.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

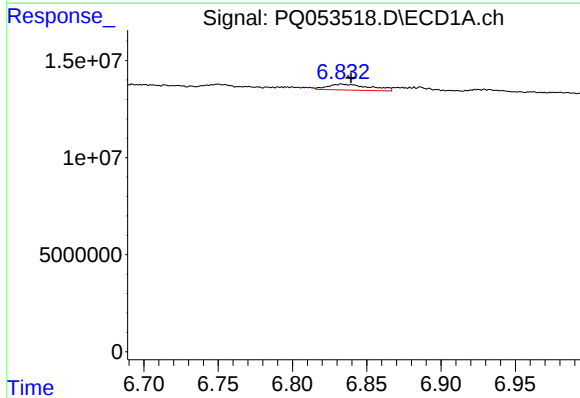
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: -321963
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



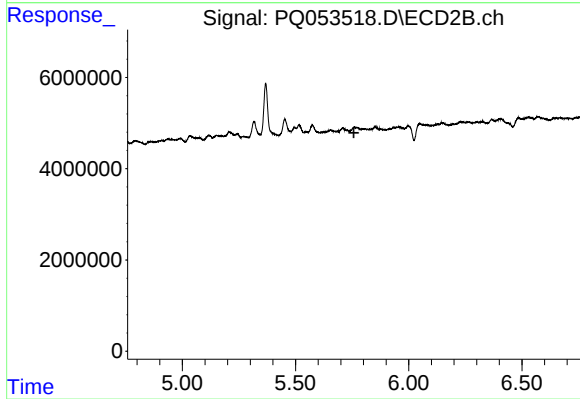
#21 AR-1248-1

R.T.: 5.515 min
Delta R.T.: 0.021 min
Response: 1998355
Conc: 8.27 ng/ml



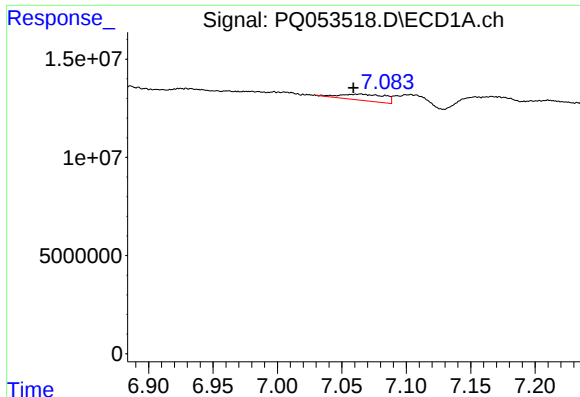
#22 AR-1248-2

R.T.: 6.833 min
Delta R.T.: -0.006 min
Response: 5983564
Conc: 7.89 ng/ml



#22 AR-1248-2

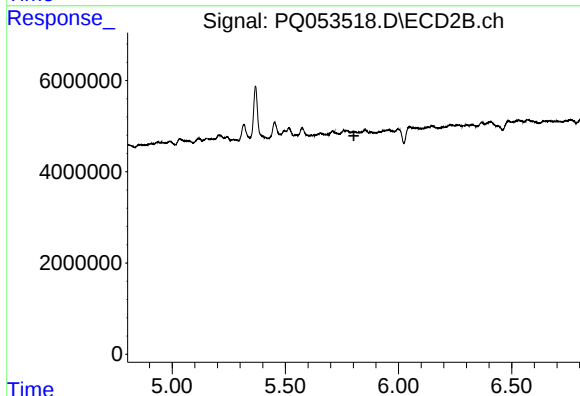
R.T.: 0.000 min
Exp R.T.: 5.758 min
Response: 0
Conc: N.D.



#23 AR-1248-3

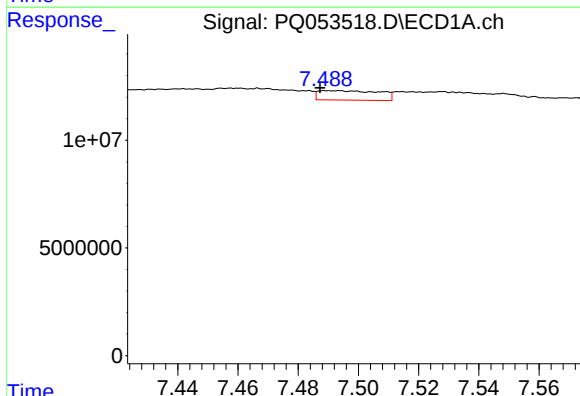
R.T.: 7.065 min
Delta R.T.: 0.006 min
Response: 7757509
Conc: 9.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



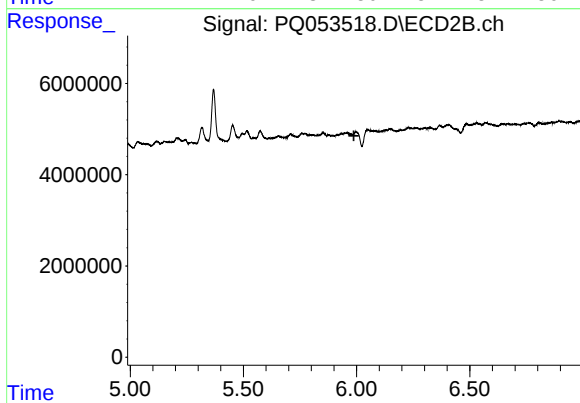
#23 AR-1248-3

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



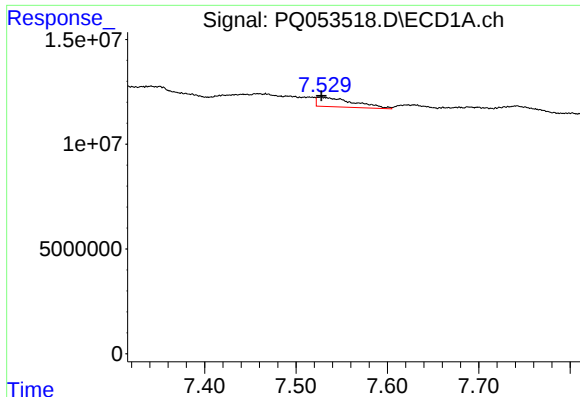
#24 AR-1248-4

R.T.: 7.490 min
Delta R.T.: 0.003 min
Response: 6171108
Conc: 6.34 ng/ml



#24 AR-1248-4

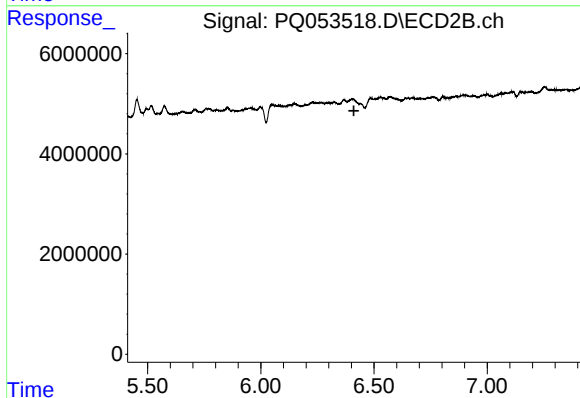
R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



#25 AR-1248-5

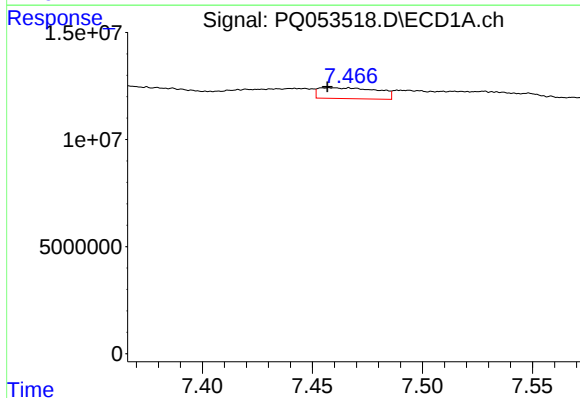
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 12455950
Conc: 12.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



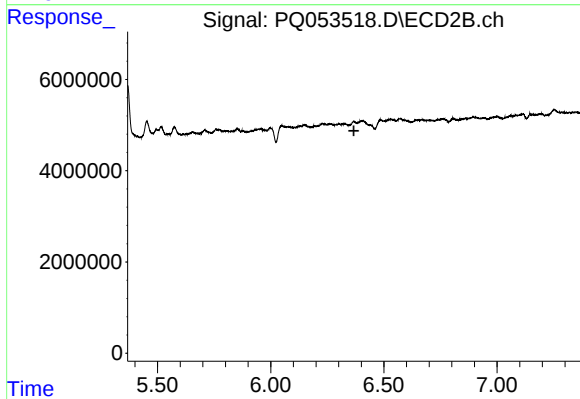
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.411 min
Response: 0
Conc: N.D.



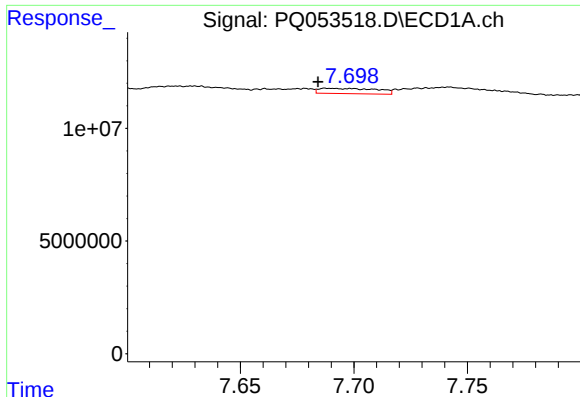
#26 AR-1254-1

R.T.: 7.459 min
Delta R.T.: 0.002 min
Response: 9425301
Conc: 9.68 ng/ml



#26 AR-1254-1

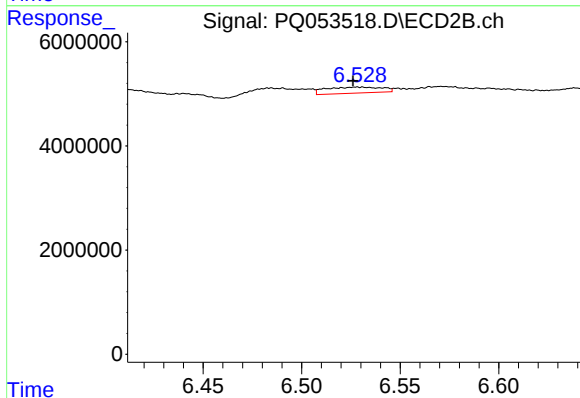
R.T.: 0.000 min
Exp R.T. : 6.367 min
Response: 0
Conc: N.D.



#27 AR-1254-2

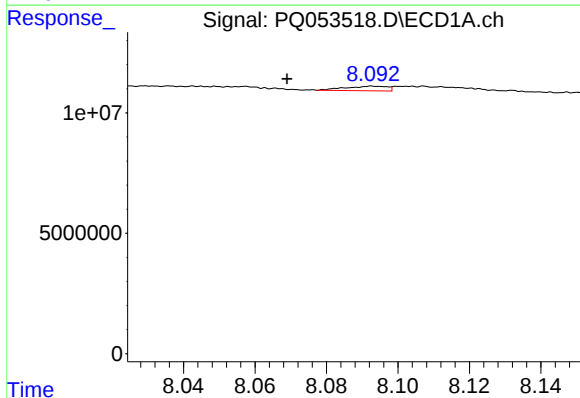
R.T.: 7.688 min
Delta R.T.: 0.004 min
Response: 4142675
Conc: 2.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



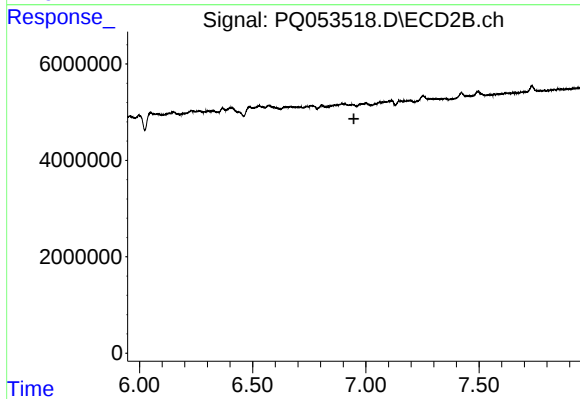
#27 AR-1254-2

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 2299370
Conc: 3.69 ng/ml



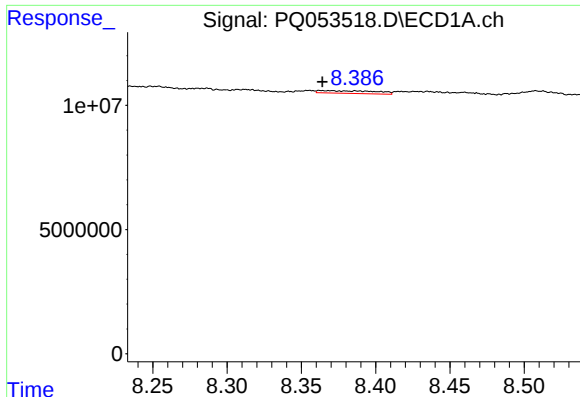
#28 AR-1254-3

R.T.: 8.093 min
Delta R.T.: 0.024 min
Response: 1533847
Conc: 0.98 ng/ml



#28 AR-1254-3

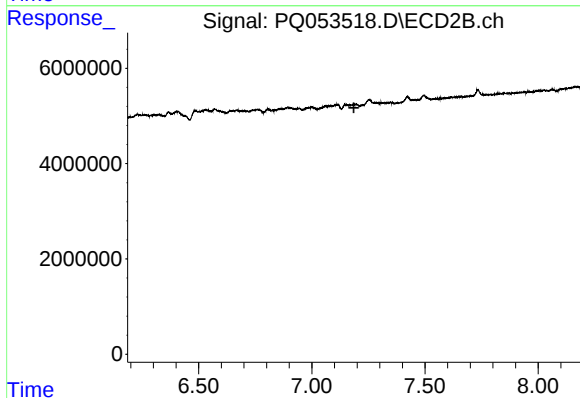
R.T.: 0.000 min
Exp R.T.: 6.947 min
Response: 0
Conc: N.D.



#29 AR-1254-4

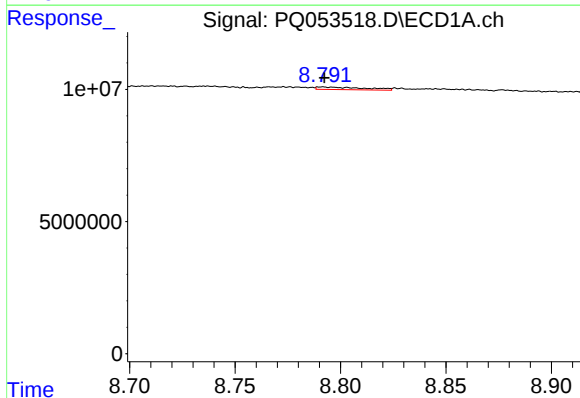
R.T.: 8.363 min
Delta R.T.: -0.001 min
Response: 2832687
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



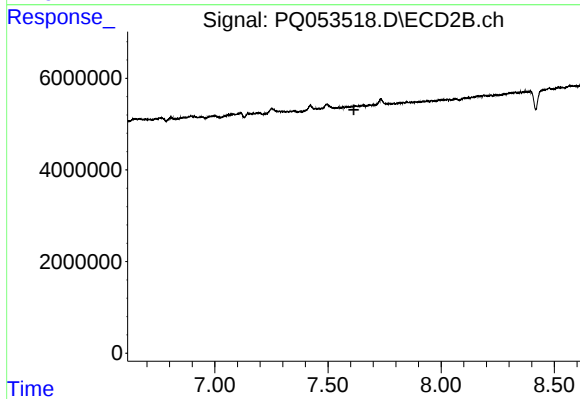
#29 AR-1254-4

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



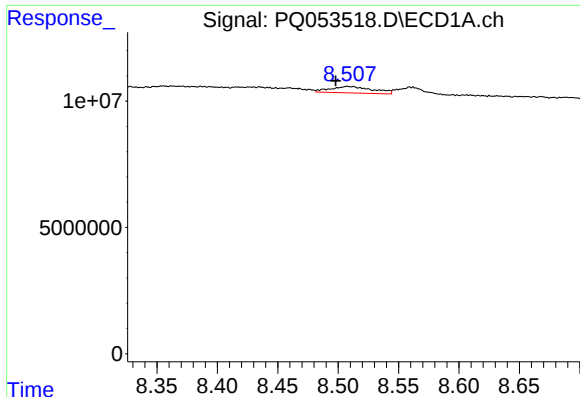
#30 AR-1254-5

R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 1533252
Conc: 1.19 ng/ml



#30 AR-1254-5

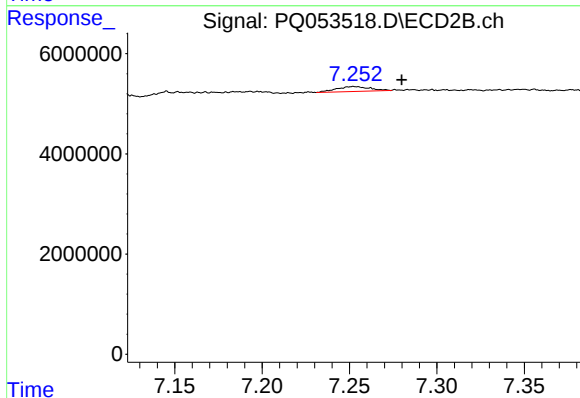
R.T.: 0.000 min
Exp R.T. : 7.614 min
Response: 0
Conc: N.D.



#32 AR-1260-2

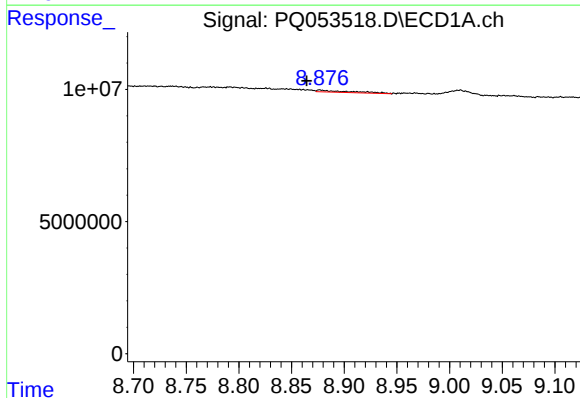
R.T.: 8.508 min
Delta R.T.: 0.010 min
Response: 6222344
Conc: 3.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



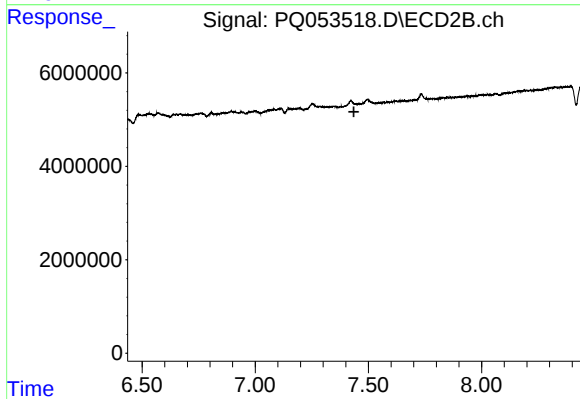
#32 AR-1260-2

R.T.: 7.252 min
Delta R.T.: -0.027 min
Response: 1309082
Conc: 1.15 ng/ml



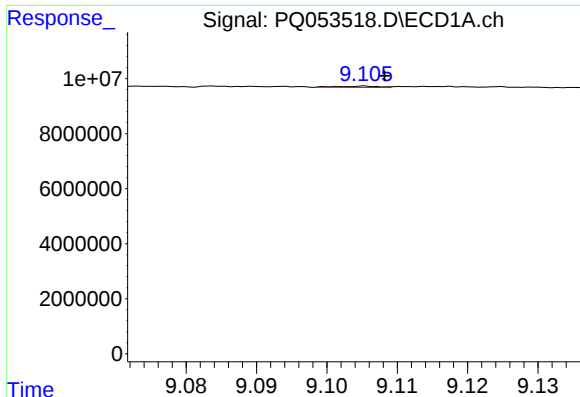
#33 AR-1260-3

R.T.: 8.877 min
Delta R.T.: 0.012 min
Response: 1574993
Conc: 1.31 ng/ml



#33 AR-1260-3

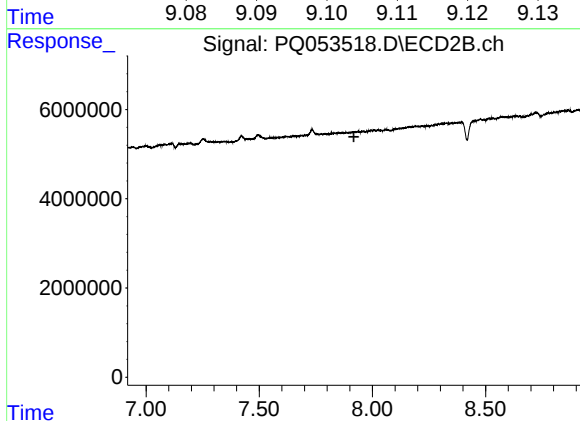
R.T.: 0.000 min
Exp R.T.: 7.436 min
Response: 0
Conc: N.D.



#34 AR-1260-4

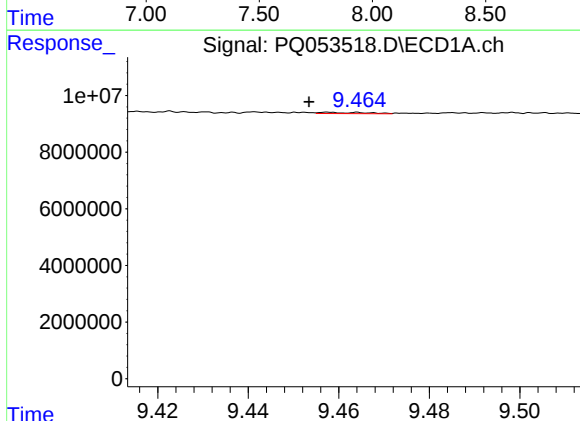
R.T.: 9.105 min
Delta R.T.: -0.003 min
Response: 199727
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



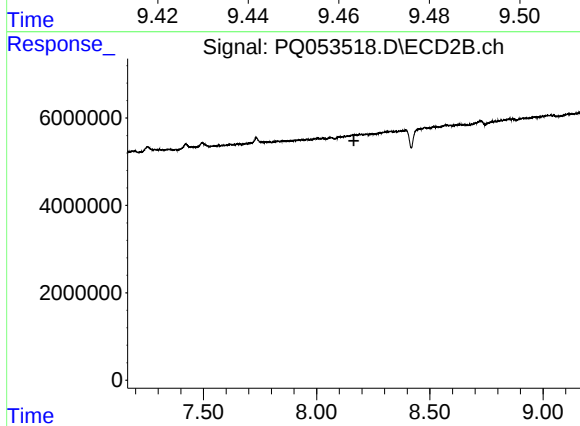
#34 AR-1260-4

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



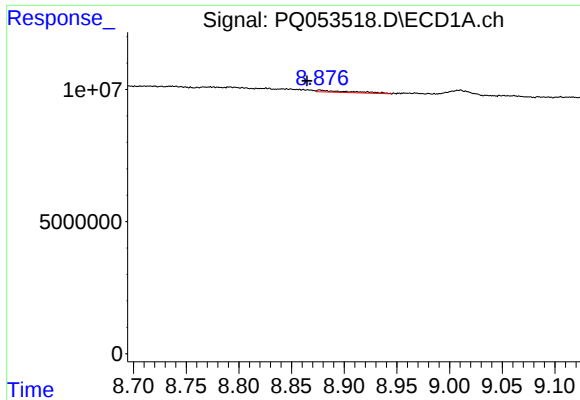
#35 AR-1260-5

R.T.: 9.458 min
Delta R.T.: 0.004 min
Response: 314445
Conc: 0.11 ng/ml



#35 AR-1260-5

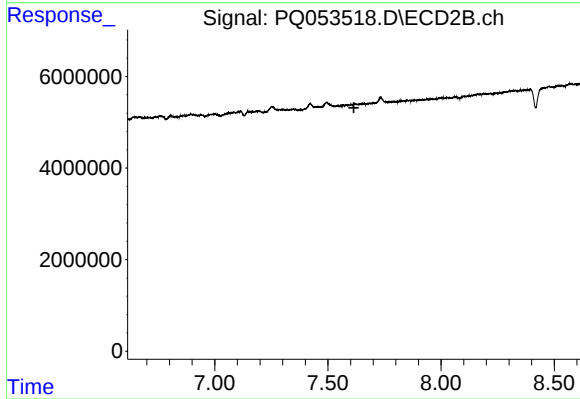
R.T.: 0.000 min
Exp R.T. : 8.165 min
Response: 0
Conc: N.D.



#36 AR-1262-1

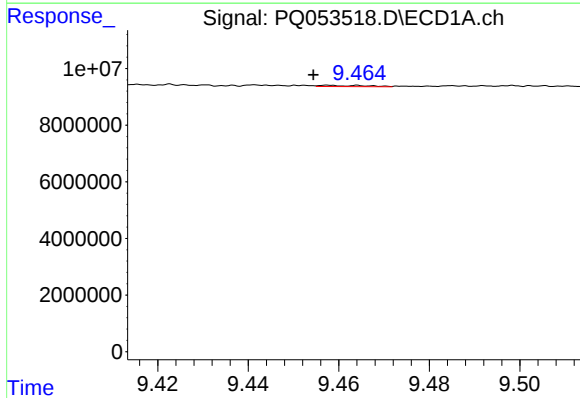
R.T.: 8.877 min
Delta R.T.: 0.012 min
Response: 1574993
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



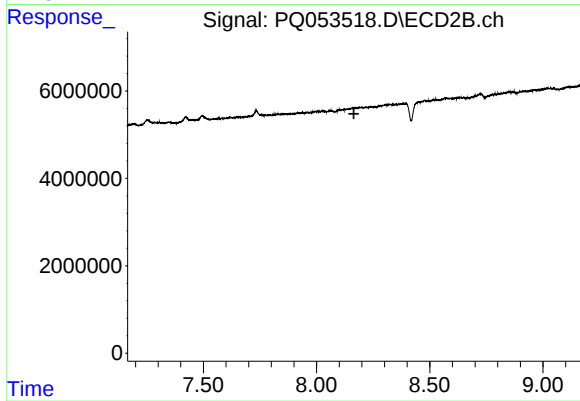
#36 AR-1262-1

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



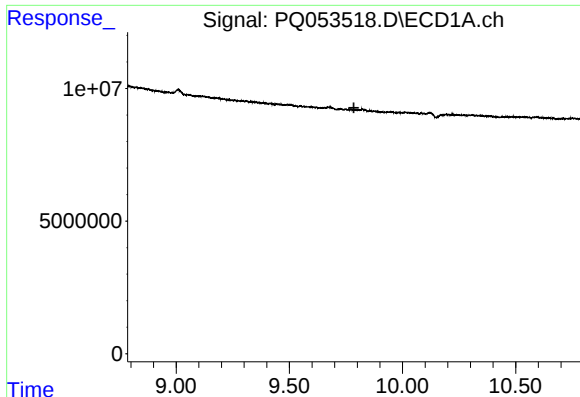
#37 AR-1262-2

R.T.: 9.458 min
Delta R.T.: 0.003 min
Response: 314445
Conc: 0.10 ng/ml



#37 AR-1262-2

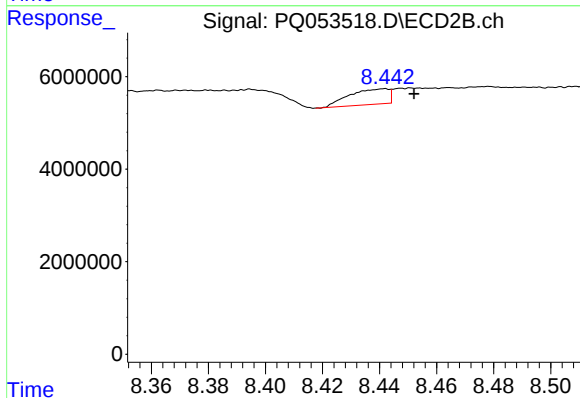
R.T.: 0.000 min
Exp R.T. : 8.165 min
Response: 0
Conc: N.D.



#38 AR-1262-3

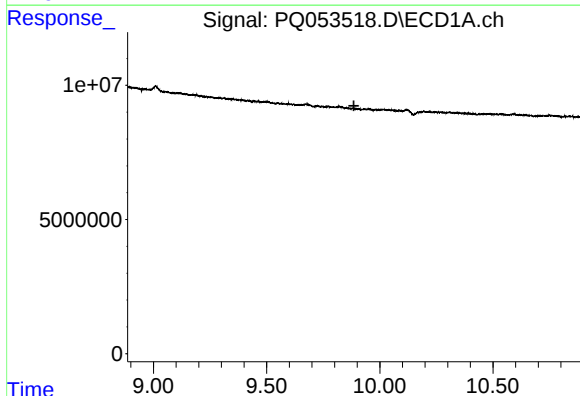
R.T.: 0.000 min
Exp R.T.: 9.785 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



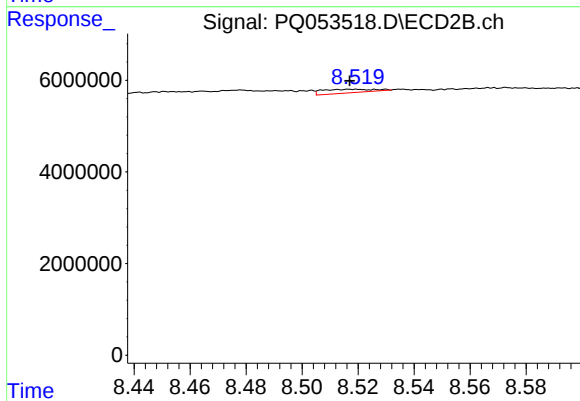
#38 AR-1262-3

R.T.: 8.442 min
Delta R.T.: -0.010 min
Response: 3204534
Conc: 3.80 ng/ml



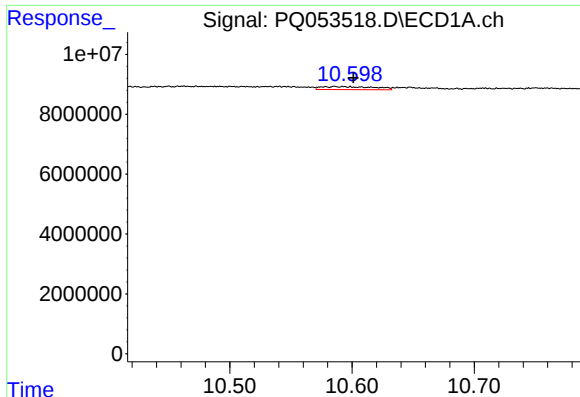
#39 AR-1262-4

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



#39 AR-1262-4

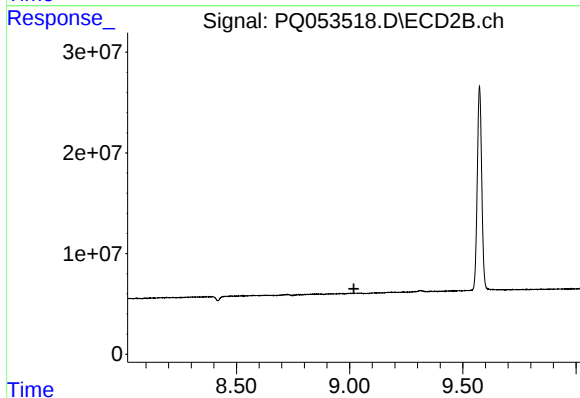
R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 1006893
Conc: 0.71 ng/ml



#40 AR-1262-5

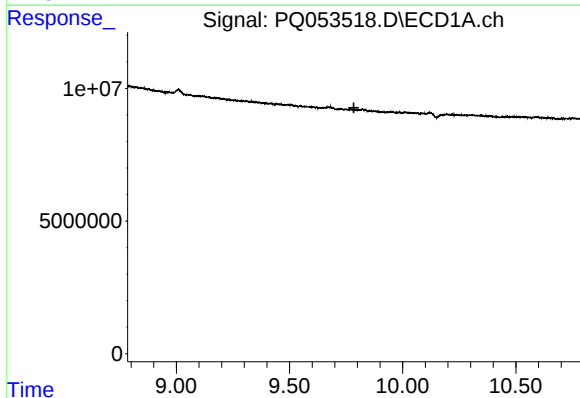
R.T.: 10.586 min
Delta R.T.: -0.016 min
Response: 3081972
Conc: 2.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



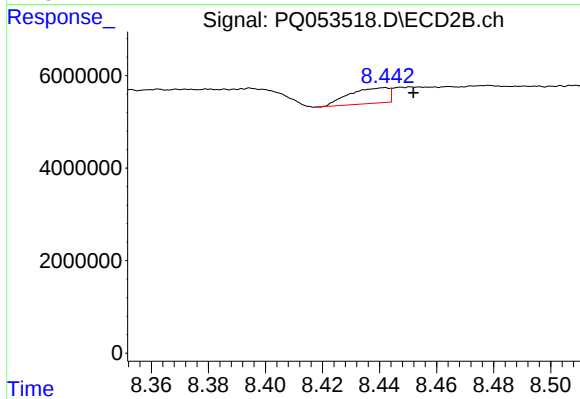
#40 AR-1262-5

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



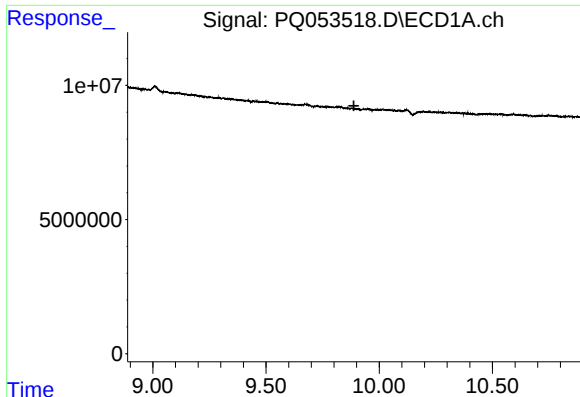
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.784 min
Response: 0
Conc: N.D.



#41 AR-1268-1

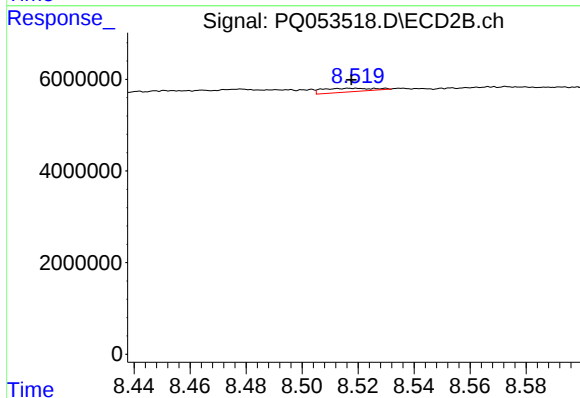
R.T.: 8.442 min
Delta R.T.: -0.010 min
Response: 3204534
Conc: 1.38 ng/ml



#42 AR-1268-2

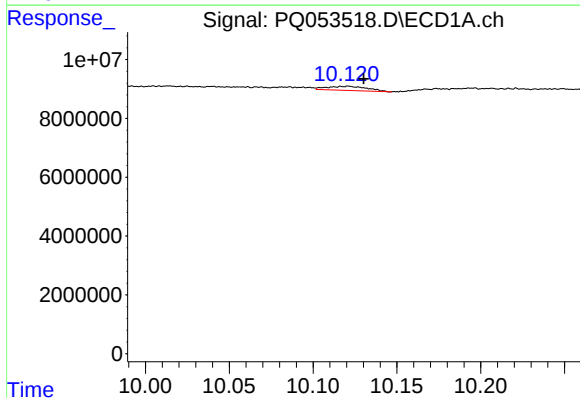
R.T.: 0.000 min
Exp R.T.: 9.888 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



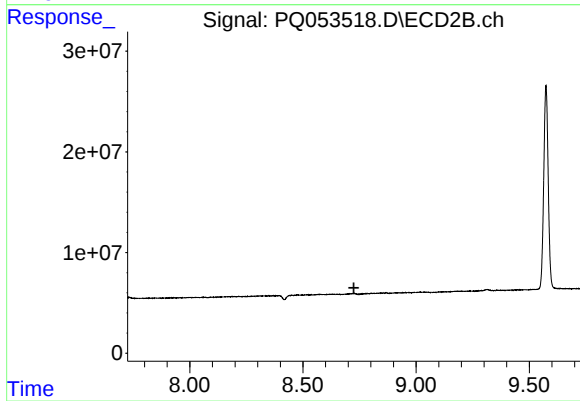
#42 AR-1268-2

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 1006893
Conc: 0.52 ng/ml



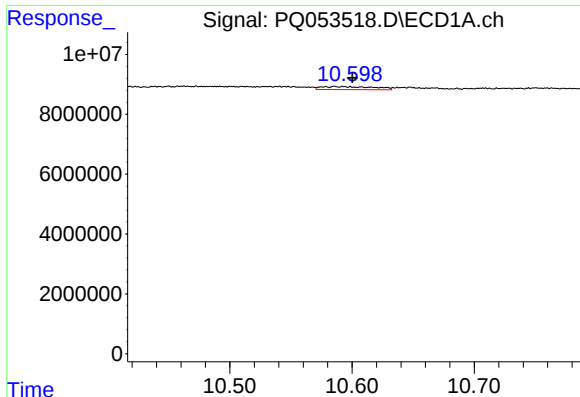
#43 AR-1268-3

R.T.: 10.121 min
Delta R.T.: -0.009 min
Response: 2317607
Conc: 0.79 ng/ml



#43 AR-1268-3

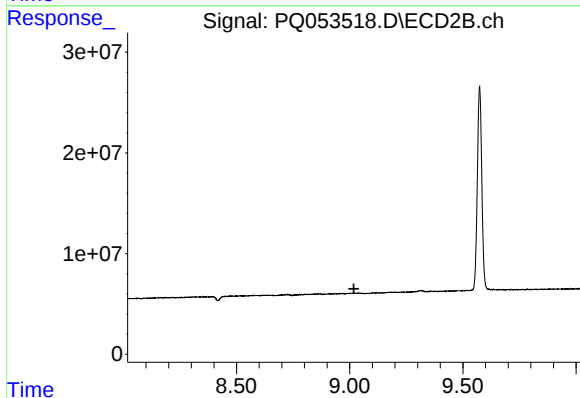
R.T.: 0.000 min
Exp R.T.: 8.725 min
Response: 0
Conc: N.D.



#44 AR-1268-4

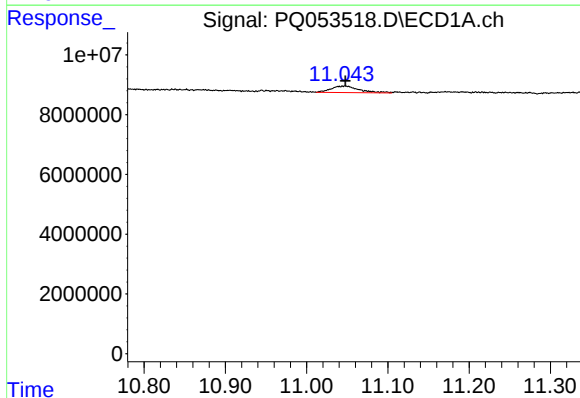
R.T.: 10.586 min
Delta R.T.: -0.014 min
Response: 3081972
Conc: 2.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



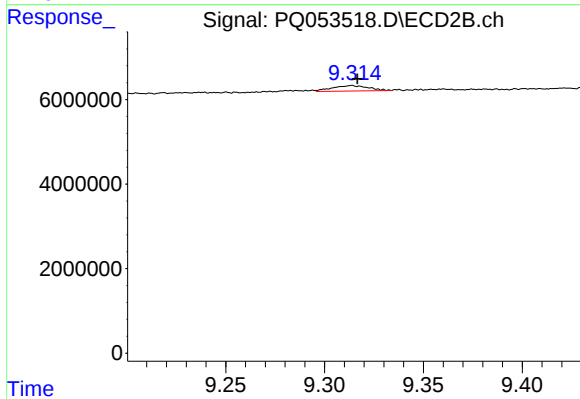
#44 AR-1268-4

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: 5271937
Conc: 0.56 ng/ml



#45 AR-1268-5

R.T.: 9.314 min
Delta R.T.: -0.003 min
Response: 1630809
Conc: 0.34 ng/ml