

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0063022\
 Data File : P0087639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 13:12
 Operator : YP/AJ
 Sample : N3214-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 16:31:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 2022
 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...	4.449	3.608	48415220	19285320	18.705	19.599
2)	SA Decachlor...	10.301	8.611	43796112	14096049	21.441	17.388
Target Compounds							
3)	L1 AR-1016-1	5.624	4.706	237433	136704	2.645	3.418 #
4)	L1 AR-1016-2	5.648	4.706	400625	136704	3.188	2.452
5)	L1 AR-1016-3	5.708	0.000	267586	0	3.438	N.D. #
6)	L1 AR-1016-4	5.812	0.000	250615	0	4.100	N.D. #
7)	L1 AR-1016-5	6.041f	0.000	48152	0	0.803	N.D. #
8)	L2 AR-1221-1	4.659	3.820	2028957	559003	65.959	47.600 #
9)	L2 AR-1221-2	4.747	3.905	1592882	843514	70.273	94.875 #
10)	L2 AR-1221-3	4.821	3.981	3354920	1299158	47.969	46.442
11)	L3 AR-1232-1	4.821	3.981	3354920	1299158	51.252	50.047
12)	L3 AR-1232-2	5.160	4.706	234781	136704	7.271	5.606
13)	L3 AR-1232-3	5.648	0.000	400625	0	6.643	N.D. #
14)	L3 AR-1232-4	5.812	0.000	250615	0	8.559	N.D. #
15)	L3 AR-1232-5	5.900	0.000	220819	0	8.955	N.D. #
16)	L4 AR-1242-1	5.624	4.706	237433	136704	3.274	4.790 #
17)	L4 AR-1242-2	5.648	4.706	400625	136704	3.924	3.504
18)	L4 AR-1242-3	5.708	0.000	267586	0	4.166	N.D. #
19)	L4 AR-1242-4	5.812	0.000	250615	0	4.923	N.D. #
20)	L4 AR-1242-5	6.558	0.000	574538	0	10.821	N.D. #
21)	L5 AR-1248-1	5.624	4.706	237433	136704	4.136	5.891 #
22)	L5 AR-1248-2	5.900	0.000	220819	0	2.649	N.D. #
23)	L5 AR-1248-3	6.041f	0.000	48152	0	0.537	N.D. #
24)	L5 AR-1248-4	6.488	0.000	316853	0	3.221	N.D. #
25)	L5 AR-1248-5	6.558	0.000	574538	0	5.977	N.D. #
26)	L6 AR-1254-1	6.488	0.000	316853	0	3.161	N.D. #
27)	L6 AR-1254-2	6.718	0.000	350625	0	2.298	N.D. #
28)	L6 AR-1254-3	7.076	0.000	1622188	0	10.651	N.D. #
29)	L6 AR-1254-4	7.378	6.341f	1532959	184798	13.926	4.070 #
30)	L6 AR-1254-5	7.790	0.000	81899	0	0.682	N.D. #
31)	L7 AR-1260-1	7.228	0.000	407287	0	3.633	N.D. #
32)	L7 AR-1260-2	7.528	6.364	479794	252122	3.521	3.727
33)	L7 AR-1260-3	7.857	0.000	84166	0	0.899	N.D. #
34)	L7 AR-1260-4	8.094	0.000	183824	0	1.757	N.D. #
35)	L7 AR-1260-5	8.409	0.000	159443	0	0.808	N.D. #
36)	L8 AR-1262-1	7.857	0.000	84166	0	0.588	N.D. #
37)	L8 AR-1262-2	8.409	0.000	159443	0	0.634	N.D. #
38)	L8 AR-1262-3	8.726	0.000	113904	0	0.630	N.D. #
39)	L8 AR-1262-4	8.829	0.000	250238	0	2.896	N.D. #
40)	L8 AR-1262-5	9.529	8.068	1004767	66999	10.488	1.997 #
41)	L9 AR-1268-1	8.726	0.000	113904	0	0.388	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0063022\
 Data File : P0087639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 13:12
 Operator : YP/AJ
 Sample : N3214-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 16 Sample Multiplier: 1

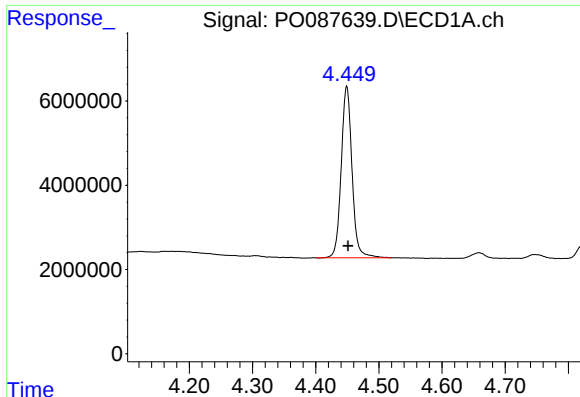
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 16:31:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
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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
42) L9	AR-1268-2	8.829	0.000	250238	0	0.930	N.D. #
43) L9	AR-1268-3	9.078	7.789	1217247	148233	5.208	1.751 #
44) L9	AR-1268-4	9.529	8.068	1004767	66999	9.829	1.889 #
45) L9	AR-1268-5	9.942	0.000	3650615	0	4.835	N.D. #

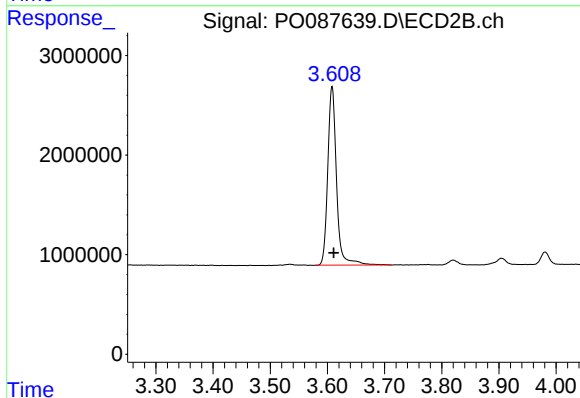
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

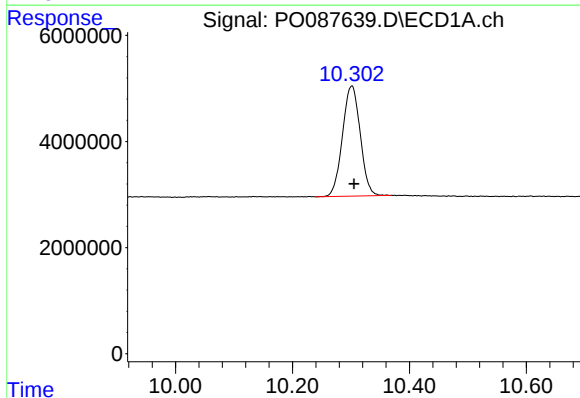
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 48415220
Conc: 18.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



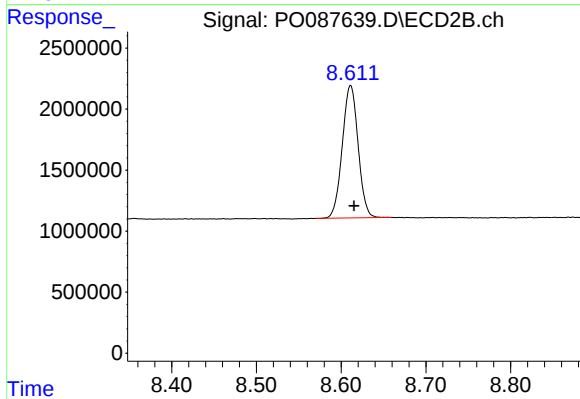
#1 Tetrachloro-m-xylene

R.T.: 3.608 min
Delta R.T.: -0.003 min
Response: 19285320
Conc: 19.60 ng/ml



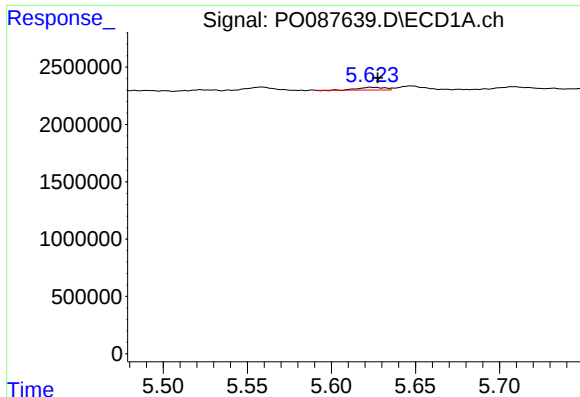
#2 Decachlorobiphenyl

R.T.: 10.301 min
Delta R.T.: -0.004 min
Response: 43796112
Conc: 21.44 ng/ml



#2 Decachlorobiphenyl

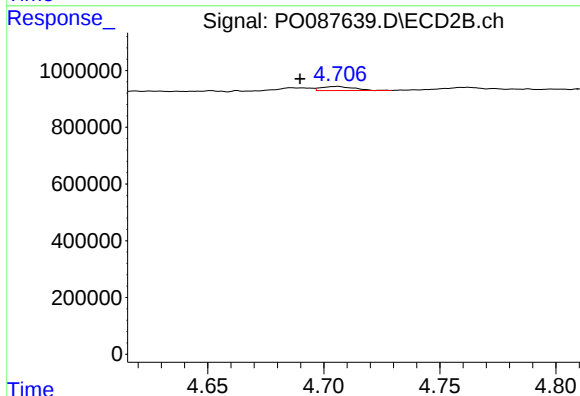
R.T.: 8.611 min
Delta R.T.: -0.004 min
Response: 14096049
Conc: 17.39 ng/ml



#3 AR-1016-1

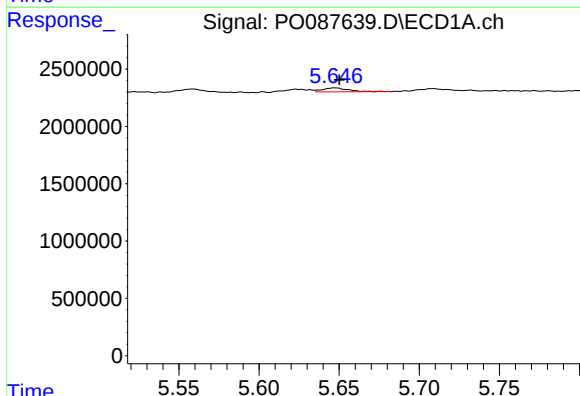
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 237433
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



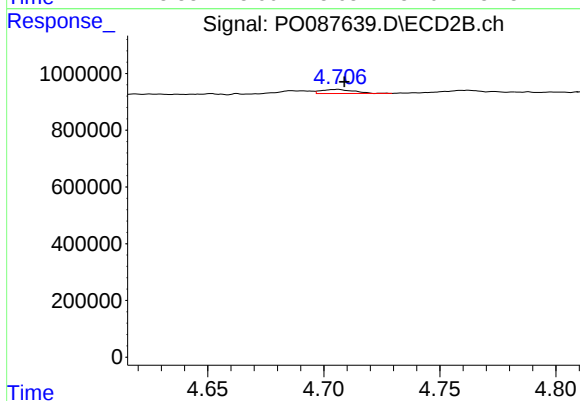
#3 AR-1016-1

R.T.: 4.706 min
Delta R.T.: 0.016 min
Response: 136704
Conc: 3.42 ng/ml



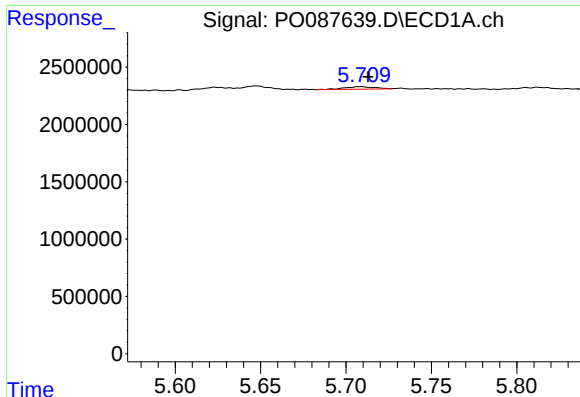
#4 AR-1016-2

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 400625
Conc: 3.19 ng/ml



#4 AR-1016-2

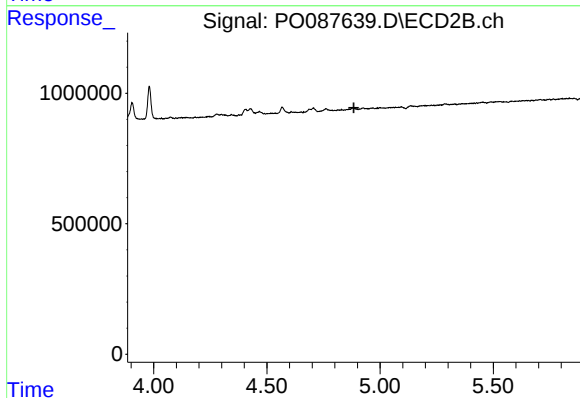
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 136704
Conc: 2.45 ng/ml



#5 AR-1016-3

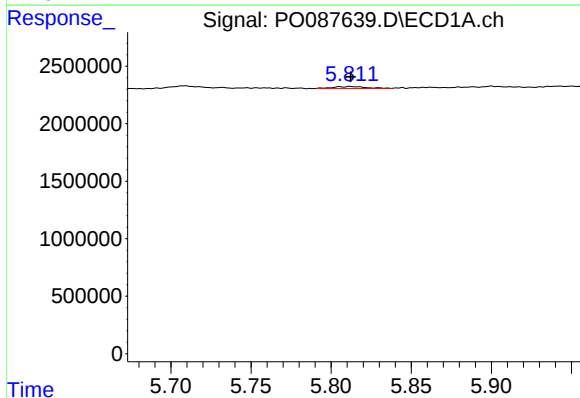
R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 267586
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



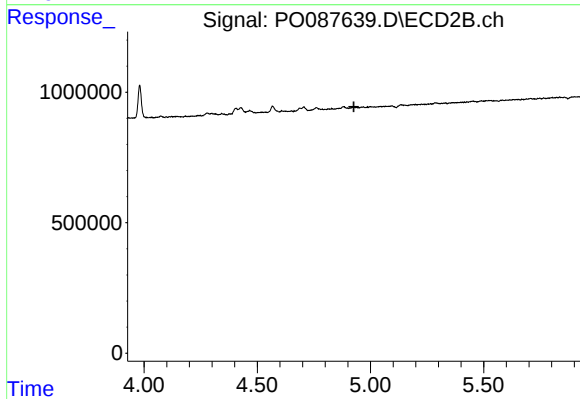
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



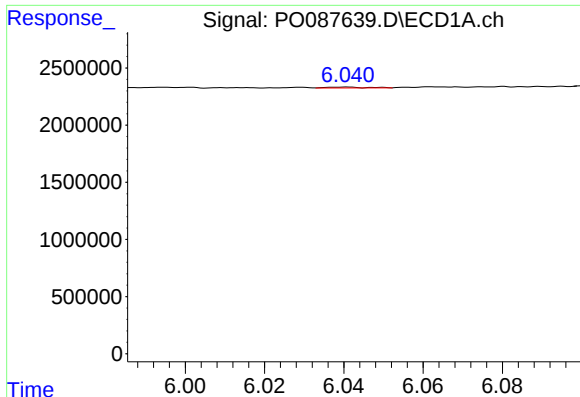
#6 AR-1016-4

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 250615
Conc: 4.10 ng/ml



#6 AR-1016-4

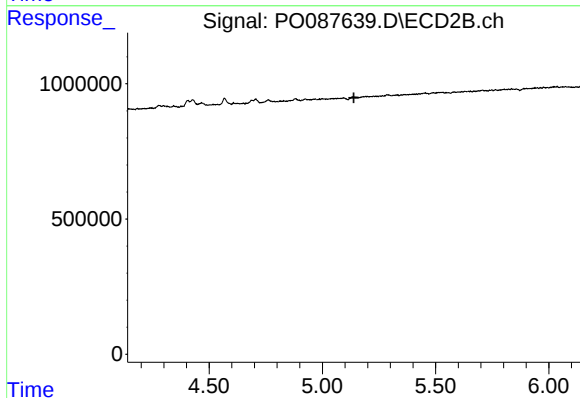
R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#7 AR-1016-5

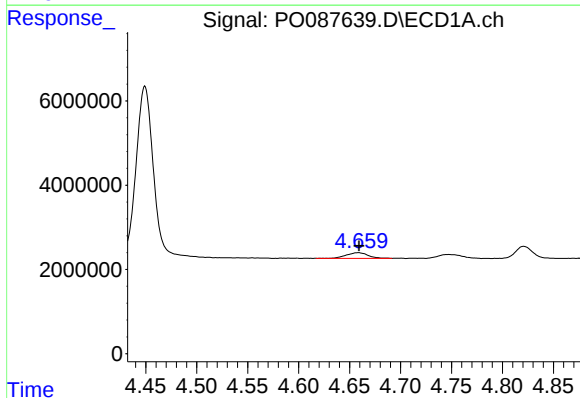
R.T.: 6.041 min
Delta R.T.: -0.069 min
Response: 48152
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



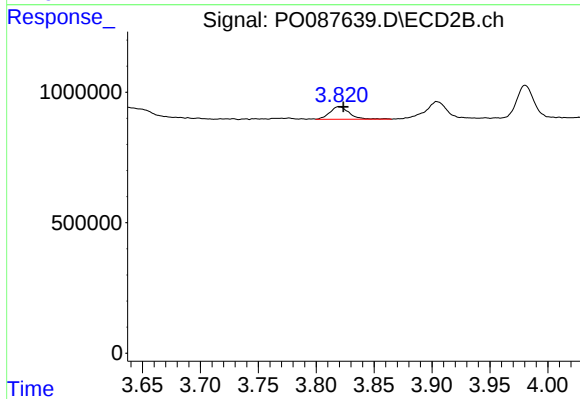
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



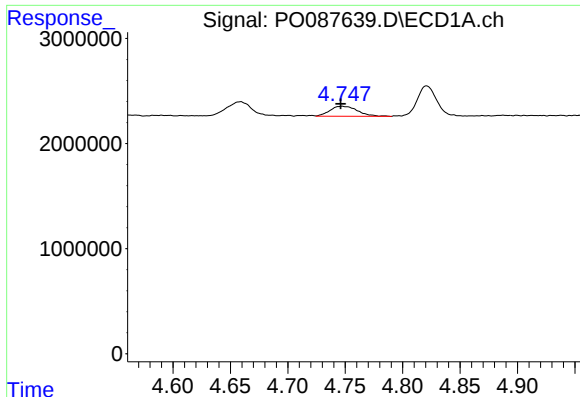
#8 AR-1221-1

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 2028957
Conc: 65.96 ng/ml



#8 AR-1221-1

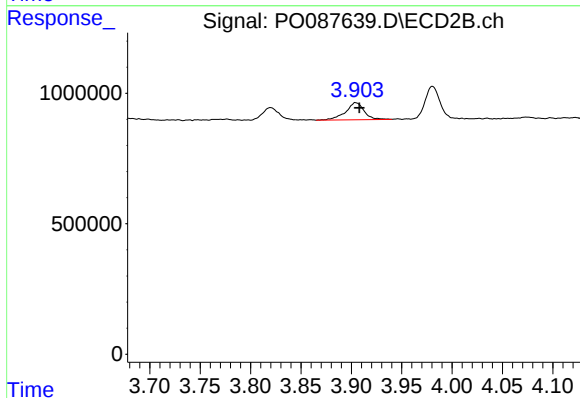
R.T.: 3.820 min
Delta R.T.: -0.004 min
Response: 559003
Conc: 47.60 ng/ml



#9 AR-1221-2

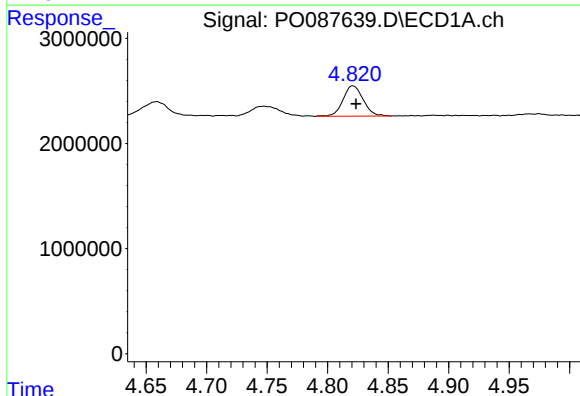
R.T.: 4.747 min
Delta R.T.: 0.001 min
Response: 1592882
Conc: 70.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



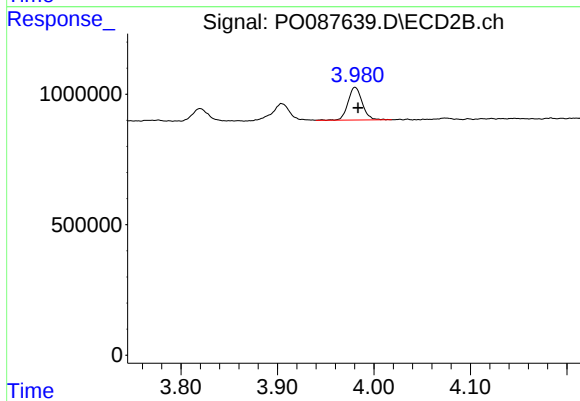
#9 AR-1221-2

R.T.: 3.905 min
Delta R.T.: -0.003 min
Response: 843514
Conc: 94.88 ng/ml



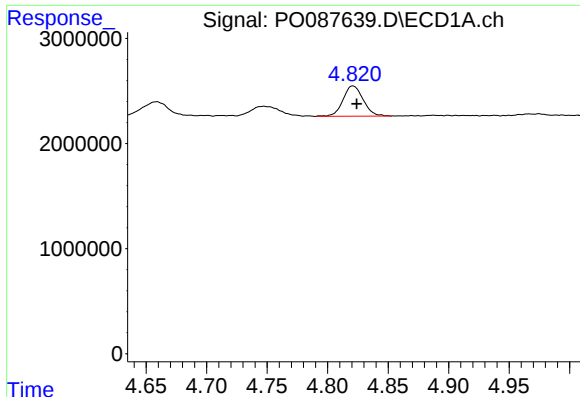
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 3354920
Conc: 47.97 ng/ml



#10 AR-1221-3

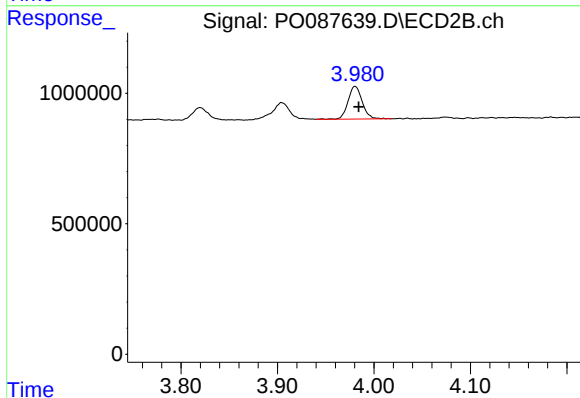
R.T.: 3.981 min
Delta R.T.: -0.003 min
Response: 1299158
Conc: 46.44 ng/ml



#11 AR-1232-1

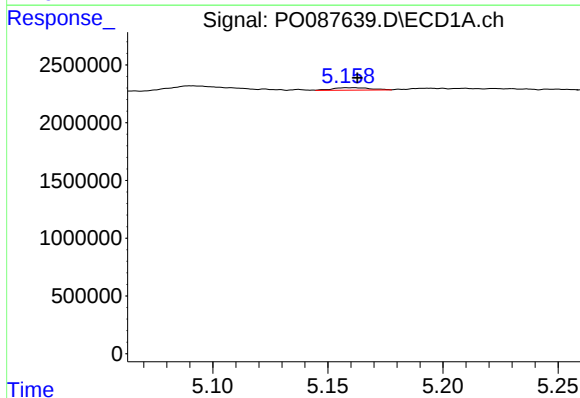
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 3354920
Conc: 51.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



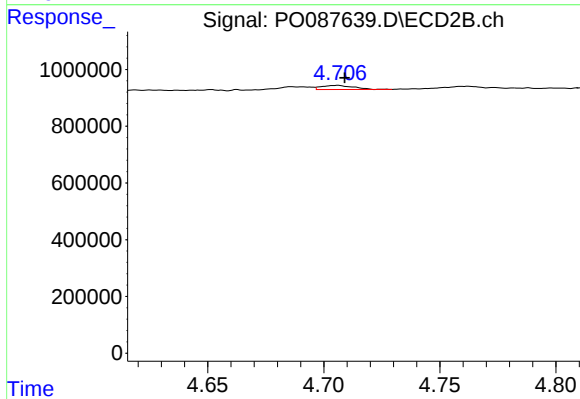
#11 AR-1232-1

R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 1299158
Conc: 50.05 ng/ml



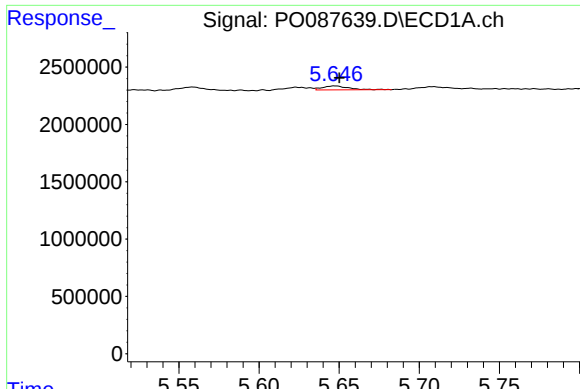
#12 AR-1232-2

R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 234781
Conc: 7.27 ng/ml



#12 AR-1232-2

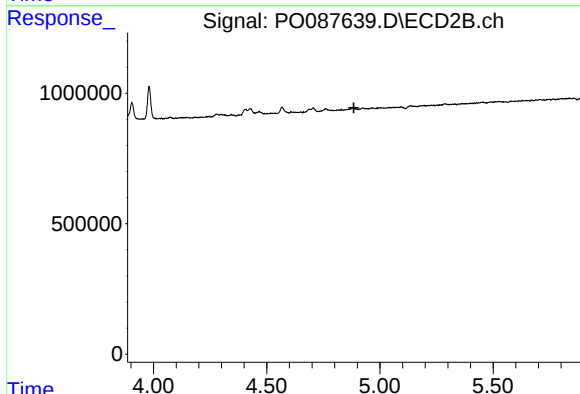
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 136704
Conc: 5.61 ng/ml



#13 AR-1232-3

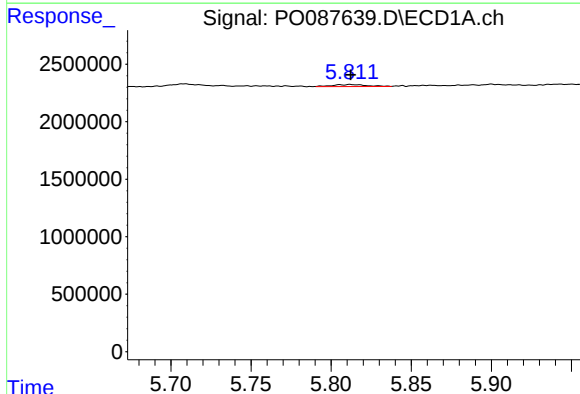
R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 400625
Conc: 6.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



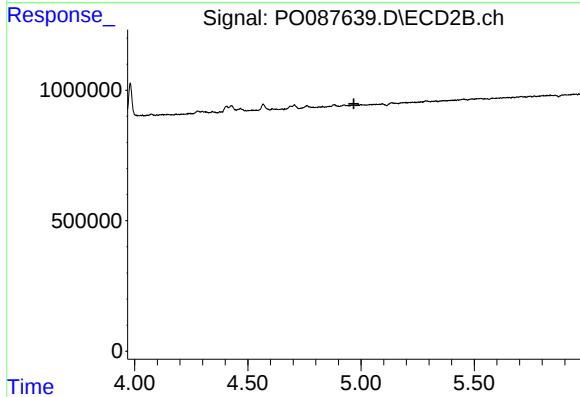
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.885 min
Response: 0
Conc: N.D.



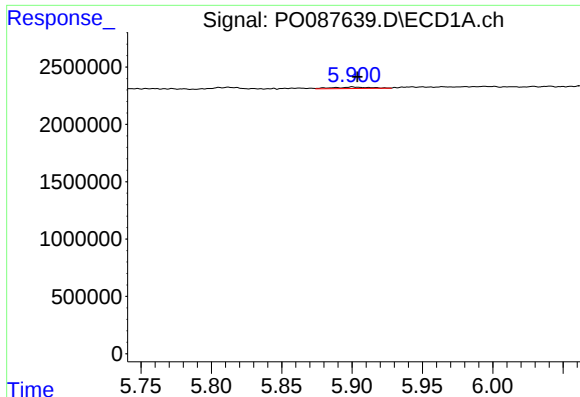
#14 AR-1232-4

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 250615
Conc: 8.56 ng/ml



#14 AR-1232-4

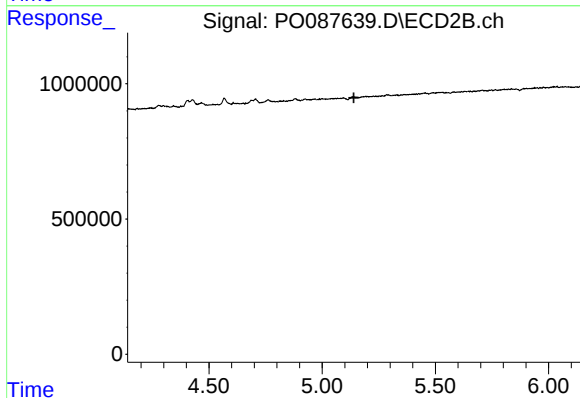
R.T.: 0.000 min
Exp R.T. : 4.968 min
Response: 0
Conc: N.D.



#15 AR-1232-5

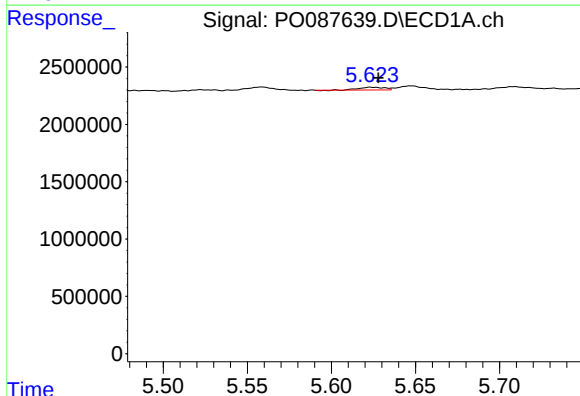
R.T.: 5.900 min
Delta R.T.: -0.004 min
Response: 220819
Conc: 8.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



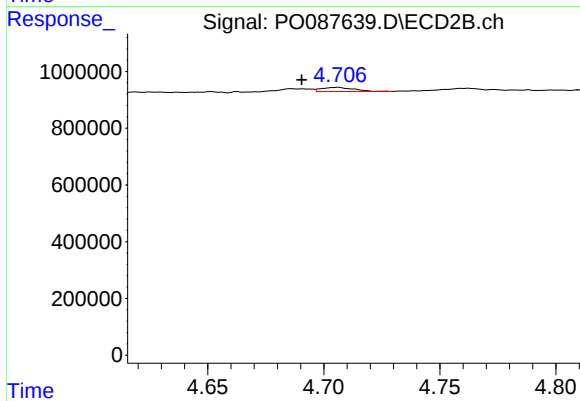
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.140 min
Response: 0
Conc: N.D.



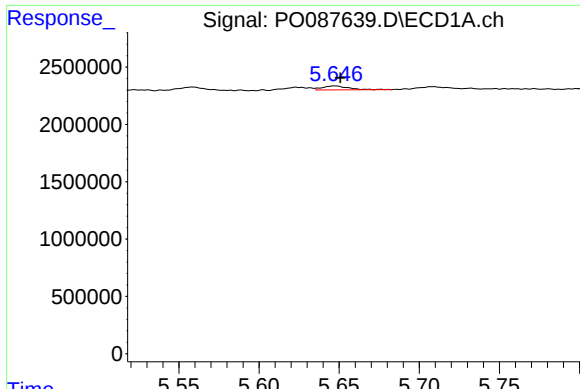
#16 AR-1242-1

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 237433
Conc: 3.27 ng/ml



#16 AR-1242-1

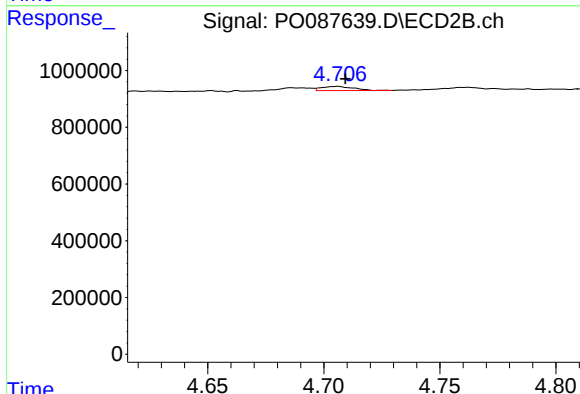
R.T.: 4.706 min
Delta R.T.: 0.015 min
Response: 136704
Conc: 4.79 ng/ml



#17 AR-1242-2

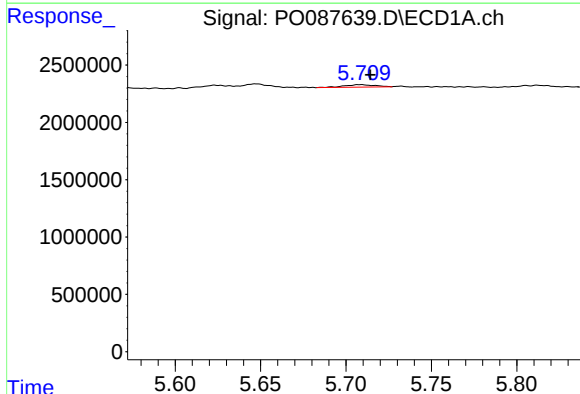
R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 400625
Conc: 3.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



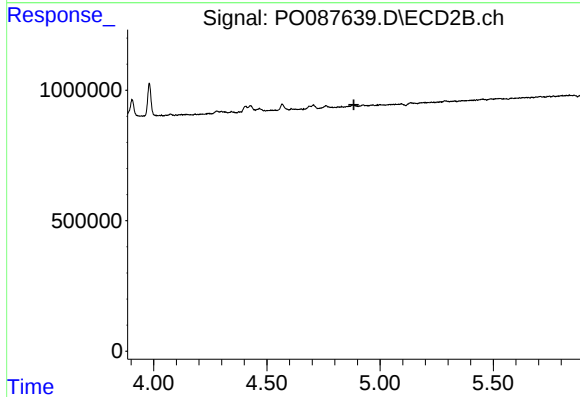
#17 AR-1242-2

R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 136704
Conc: 3.50 ng/ml



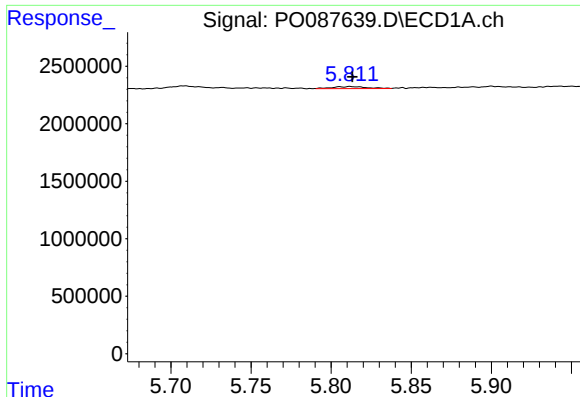
#18 AR-1242-3

R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 267586
Conc: 4.17 ng/ml



#18 AR-1242-3

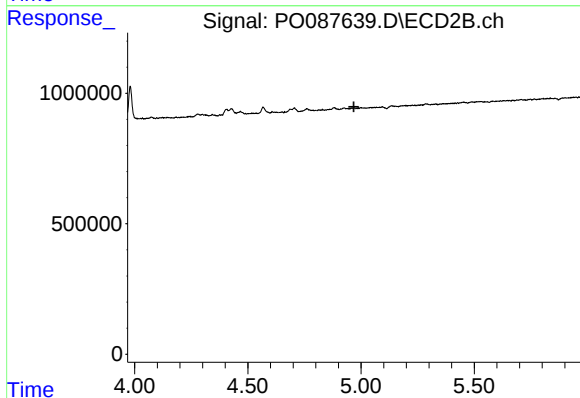
R.T.: 0.000 min
Exp R.T.: 4.884 min
Response: 0
Conc: N.D.



#19 AR-1242-4

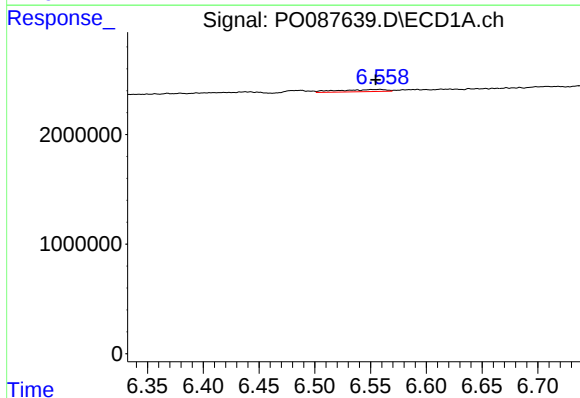
R.T.: 5.812 min
Delta R.T.: -0.001 min
Response: 250615
Conc: 4.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



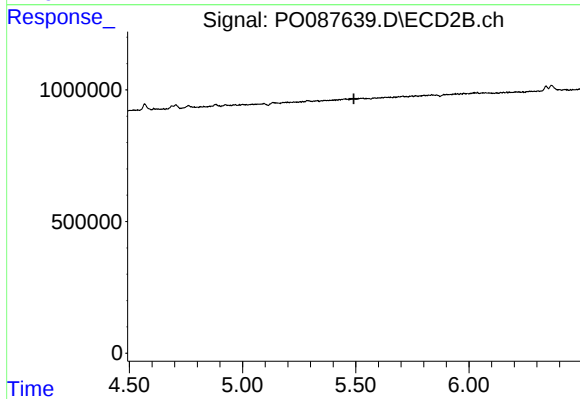
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.969 min
Response: 0
Conc: N.D.



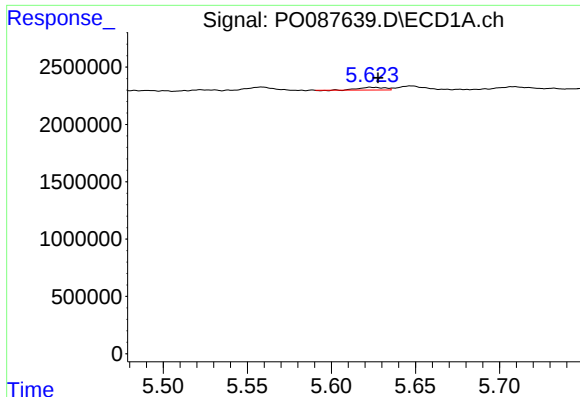
#20 AR-1242-5

R.T.: 6.558 min
Delta R.T.: 0.004 min
Response: 574538
Conc: 10.82 ng/ml



#20 AR-1242-5

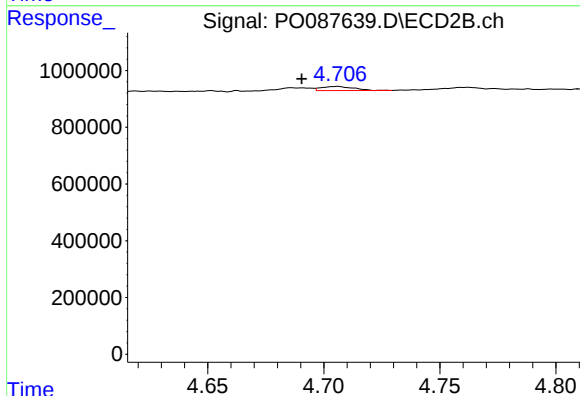
R.T.: 0.000 min
Exp R.T. : 5.491 min
Response: 0
Conc: N.D.



#21 AR-1248-1

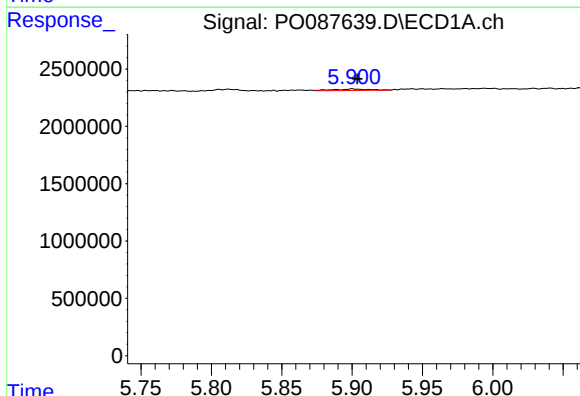
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 237433
Conc: 4.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



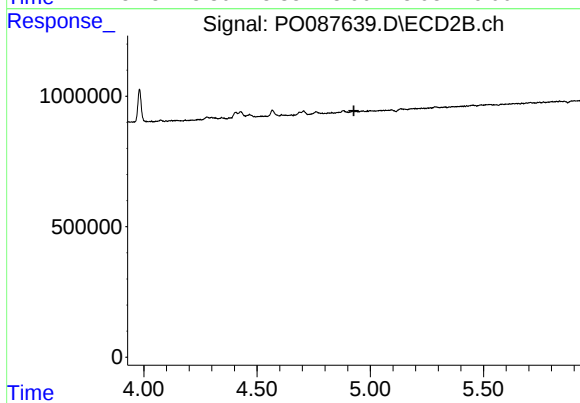
#21 AR-1248-1

R.T.: 4.706 min
Delta R.T.: 0.015 min
Response: 136704
Conc: 5.89 ng/ml



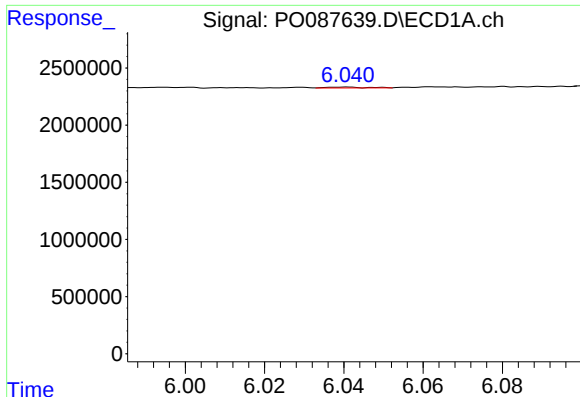
#22 AR-1248-2

R.T.: 5.900 min
Delta R.T.: -0.004 min
Response: 220819
Conc: 2.65 ng/ml



#22 AR-1248-2

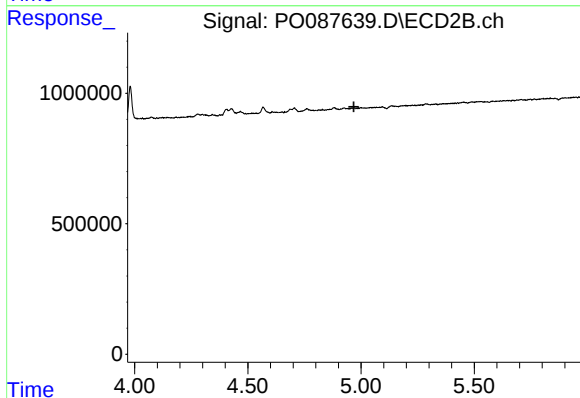
R.T.: 0.000 min
Exp R.T.: 4.927 min
Response: 0
Conc: N.D.



#23 AR-1248-3

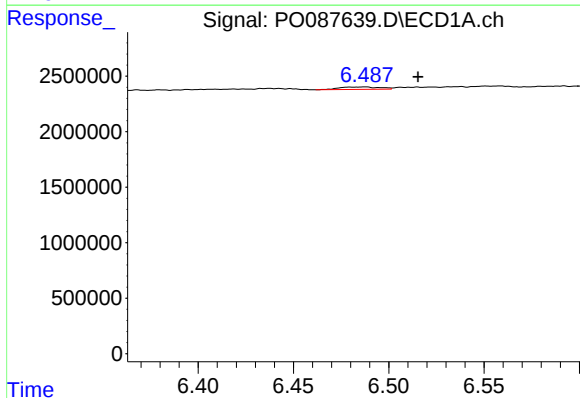
R.T.: 6.041 min
Delta R.T.: -0.069 min
Response: 48152
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



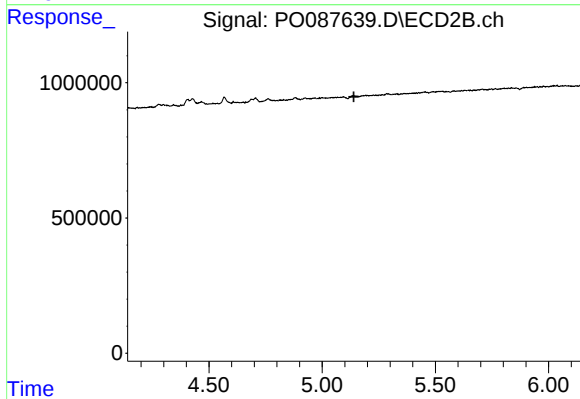
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.968 min
Response: 0
Conc: N.D.



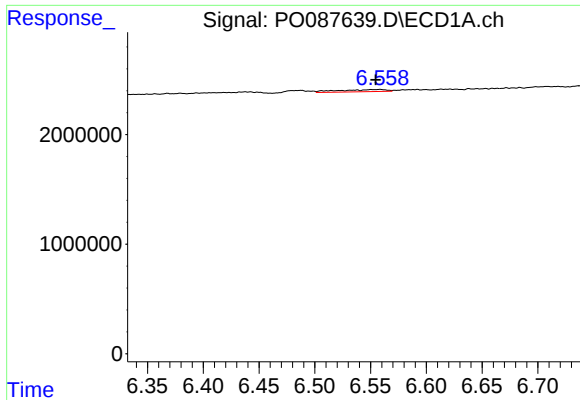
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: -0.028 min
Response: 316853
Conc: 3.22 ng/ml



#24 AR-1248-4

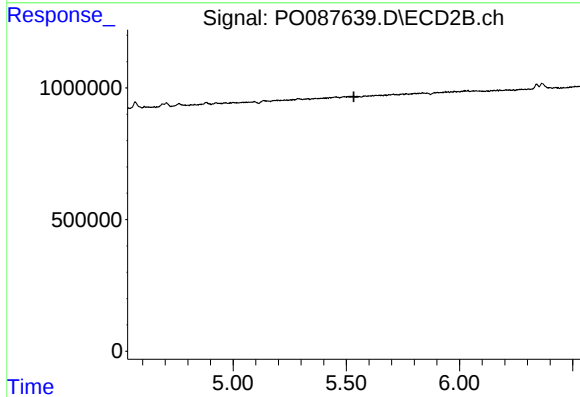
R.T.: 0.000 min
Exp R.T. : 5.140 min
Response: 0
Conc: N.D.



#25 AR-1248-5

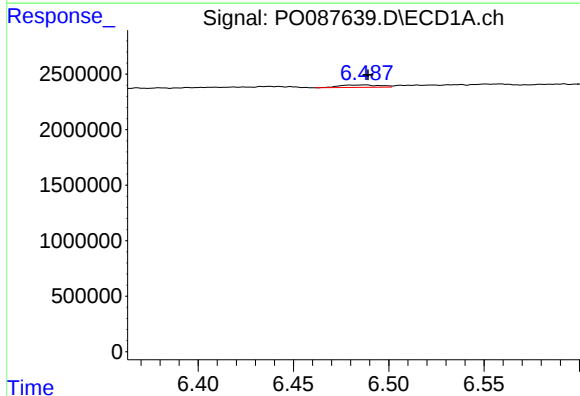
R.T.: 6.558 min
Delta R.T.: 0.004 min
Response: 574538
Conc: 5.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



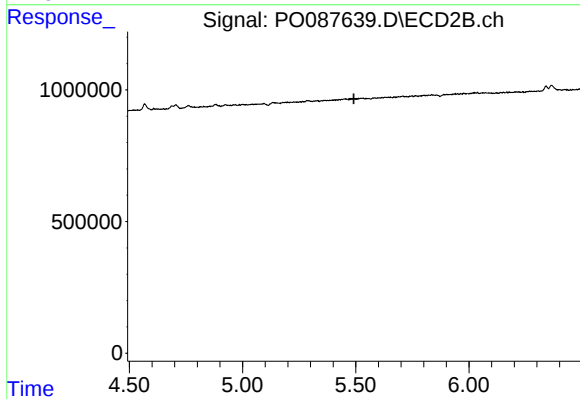
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



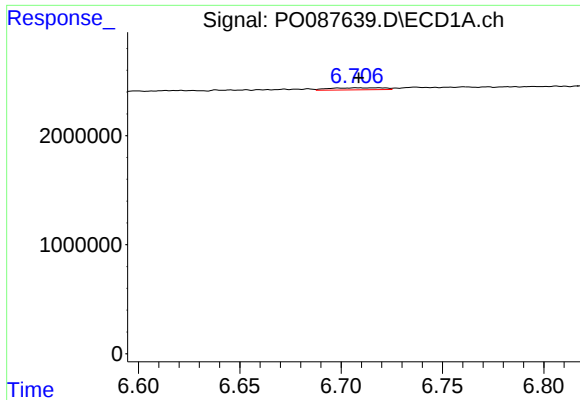
#26 AR-1254-1

R.T.: 6.488 min
Delta R.T.: -0.002 min
Response: 316853
Conc: 3.16 ng/ml



#26 AR-1254-1

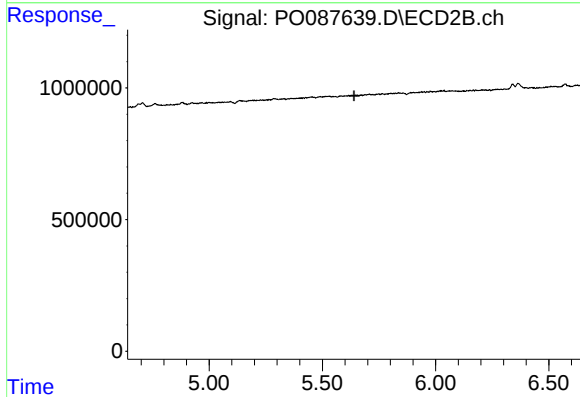
R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



#27 AR-1254-2

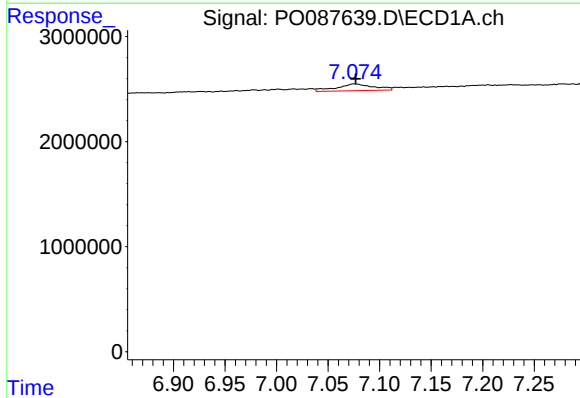
R.T.: 6.718 min
Delta R.T.: 0.010 min
Response: 350625
Conc: 2.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



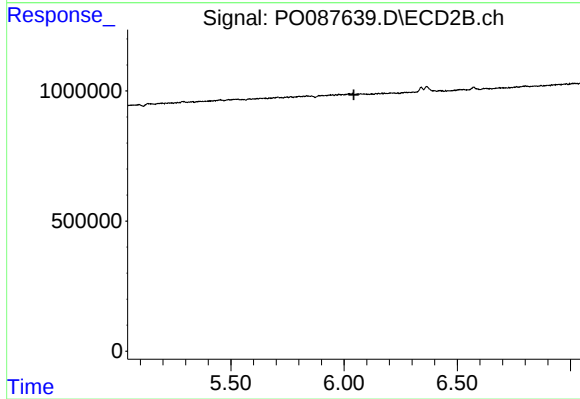
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.640 min
Response: 0
Conc: N.D.



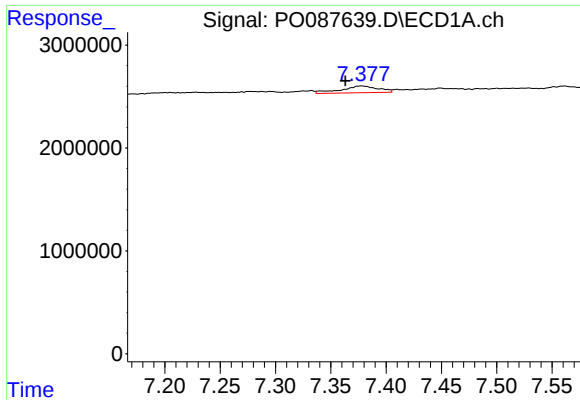
#28 AR-1254-3

R.T.: 7.076 min
Delta R.T.: -0.001 min
Response: 1622188
Conc: 10.65 ng/ml



#28 AR-1254-3

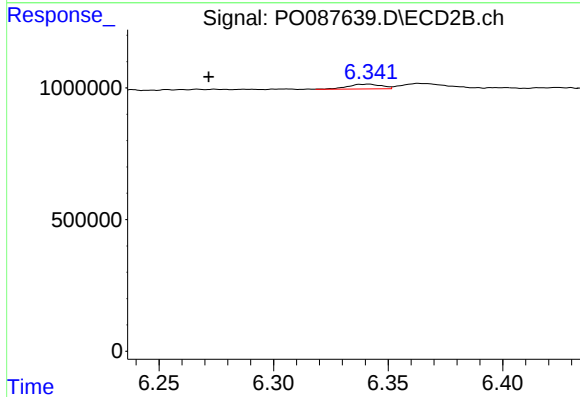
R.T.: 0.000 min
Exp R.T. : 6.043 min
Response: 0
Conc: N.D.



#29 AR-1254-4

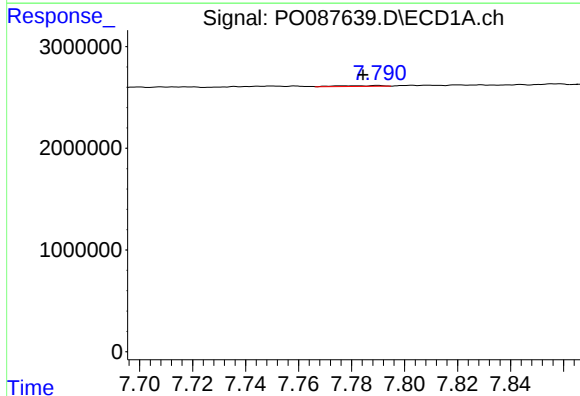
R.T.: 7.378 min
Delta R.T.: 0.014 min
Response: 1532959
Conc: 13.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



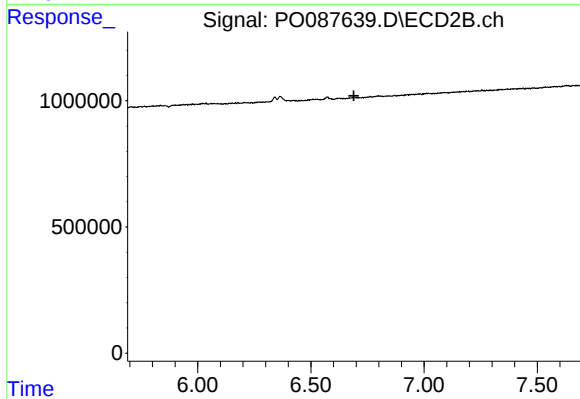
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: 0.070 min
Response: 184798
Conc: 4.07 ng/ml



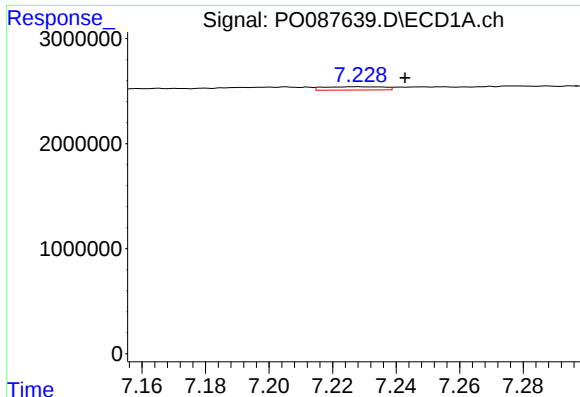
#30 AR-1254-5

R.T.: 7.790 min
Delta R.T.: 0.005 min
Response: 81899
Conc: 0.68 ng/ml



#30 AR-1254-5

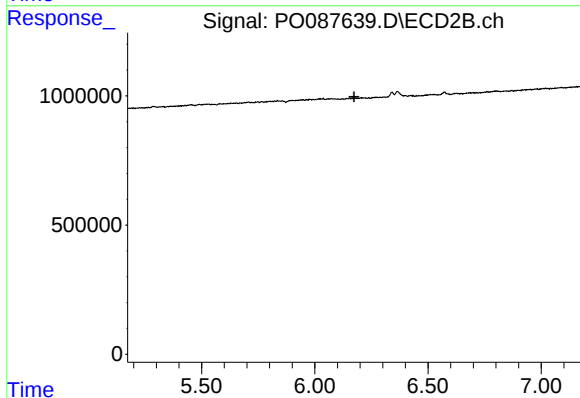
R.T.: 0.000 min
Exp R.T.: 6.690 min
Response: 0
Conc: N.D.



#31 AR-1260-1

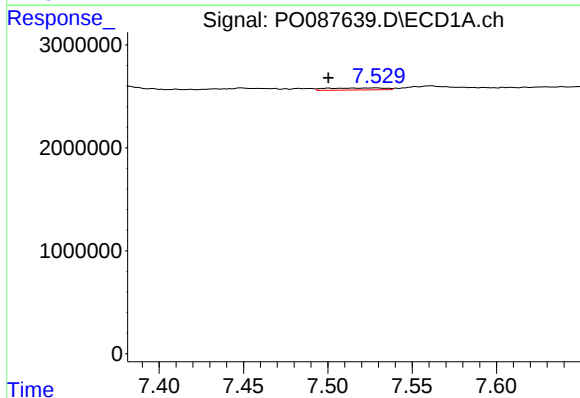
R.T.: 7.228 min
Delta R.T.: -0.015 min
Response: 407287
Conc: 3.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



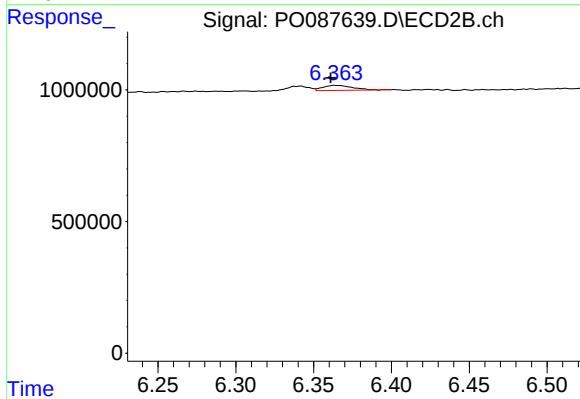
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.173 min
Response: 0
Conc: N.D.



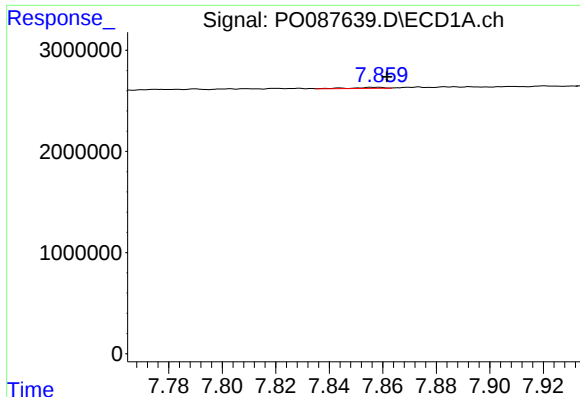
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: 0.028 min
Response: 479794
Conc: 3.52 ng/ml



#32 AR-1260-2

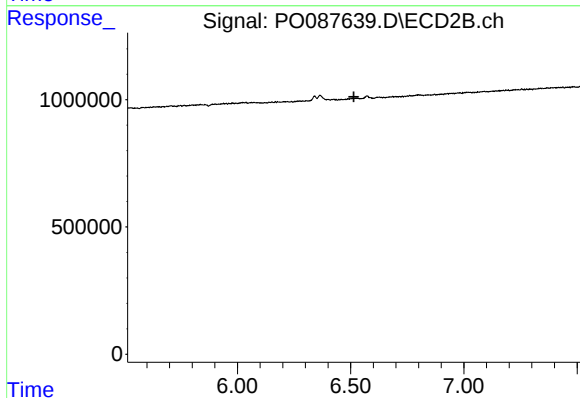
R.T.: 6.364 min
Delta R.T.: 0.003 min
Response: 252122
Conc: 3.73 ng/ml



#33 AR-1260-3

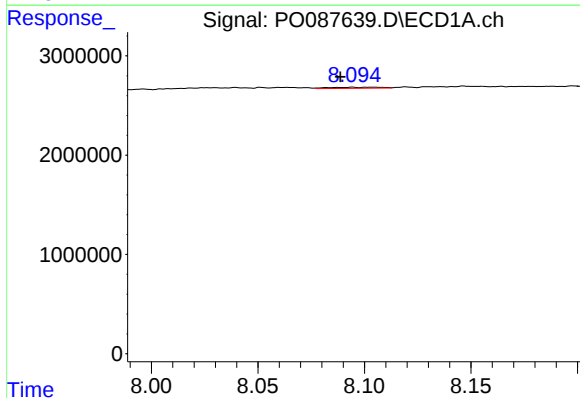
R.T.: 7.857 min
Delta R.T.: -0.004 min
Response: 84166
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



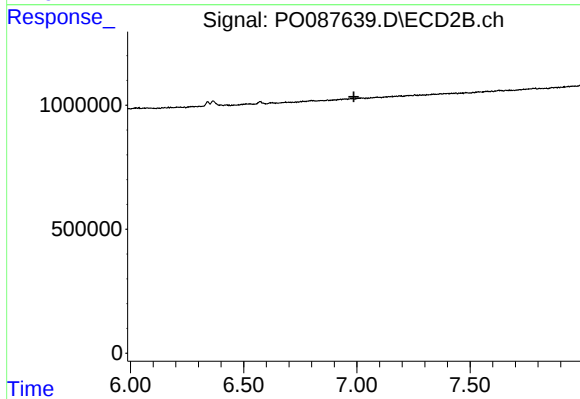
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.514 min
Response: 0
Conc: N.D.



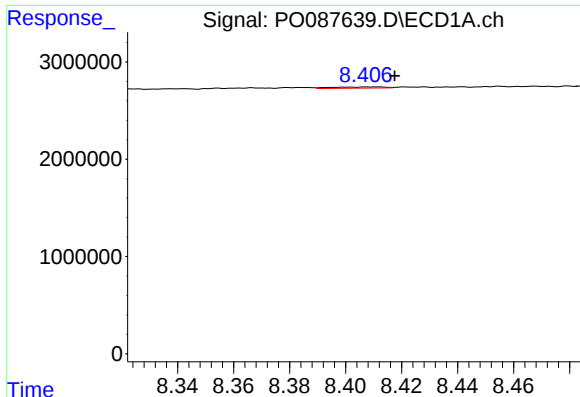
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: 0.006 min
Response: 183824
Conc: 1.76 ng/ml



#34 AR-1260-4

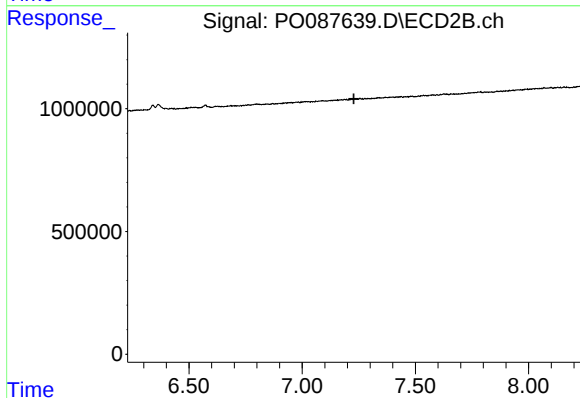
R.T.: 0.000 min
Exp R.T. : 6.987 min
Response: 0
Conc: N.D.



#35 AR-1260-5

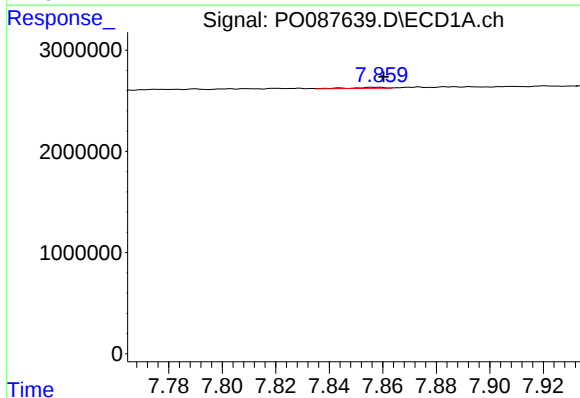
R.T.: 8.409 min
Delta R.T.: -0.009 min
Response: 159443
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



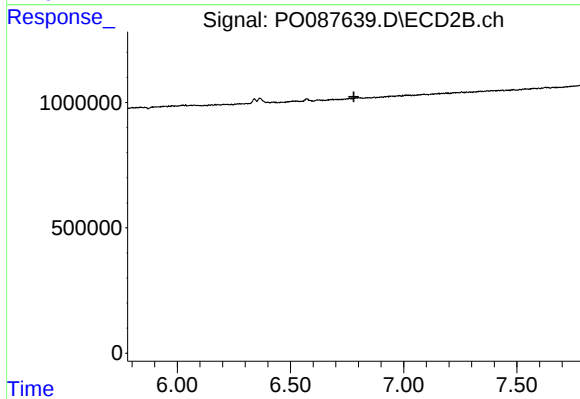
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.228 min
Response: 0
Conc: N.D.



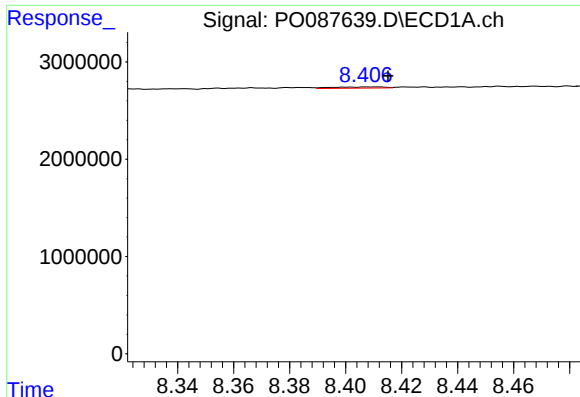
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.003 min
Response: 84166
Conc: 0.59 ng/ml



#36 AR-1262-1

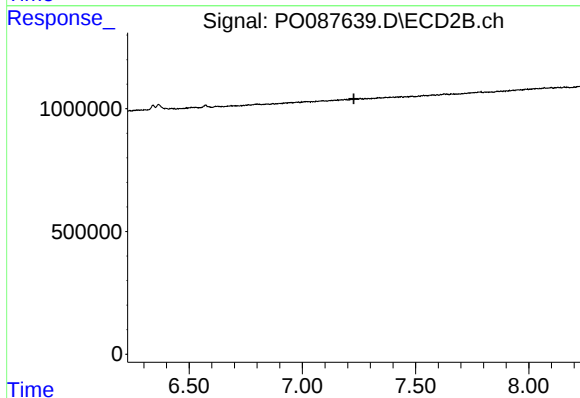
R.T.: 0.000 min
Exp R.T. : 6.780 min
Response: 0
Conc: N.D.



#37 AR-1262-2

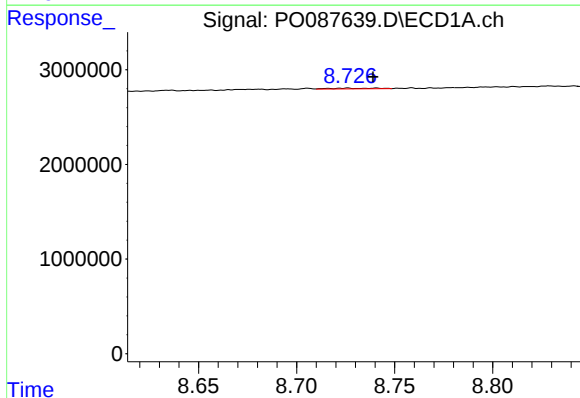
R.T.: 8.409 min
Delta R.T.: -0.006 min
Response: 159443
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



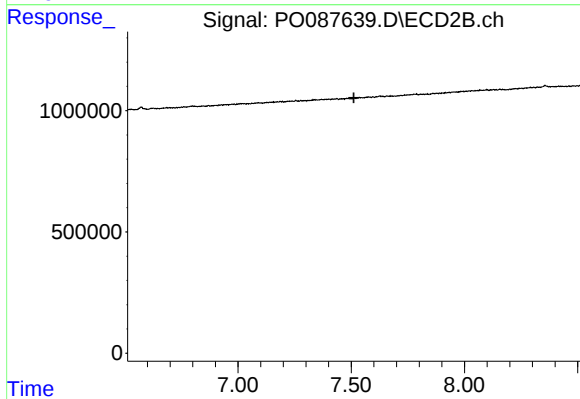
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.227 min
Response: 0
Conc: N.D.



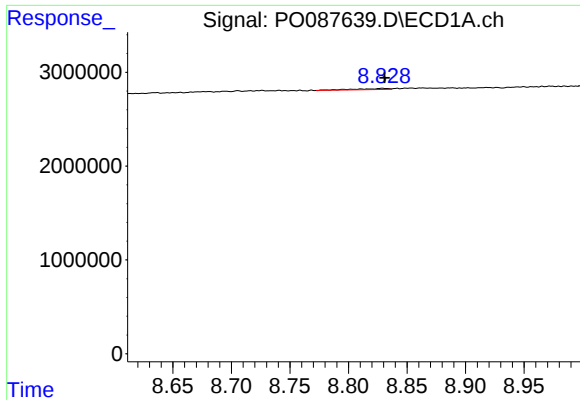
#38 AR-1262-3

R.T.: 8.726 min
Delta R.T.: -0.013 min
Response: 113904
Conc: 0.63 ng/ml



#38 AR-1262-3

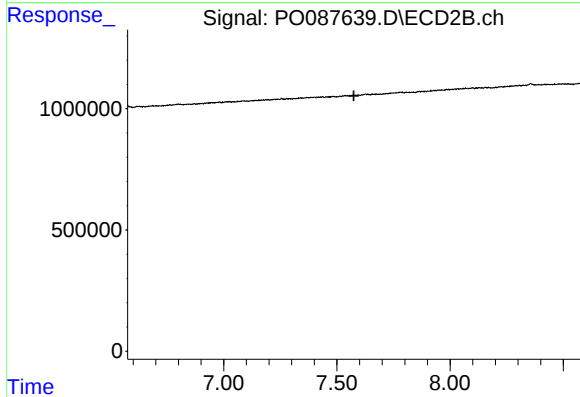
R.T.: 0.000 min
Exp R.T. : 7.512 min
Response: 0
Conc: N.D.



#39 AR-1262-4

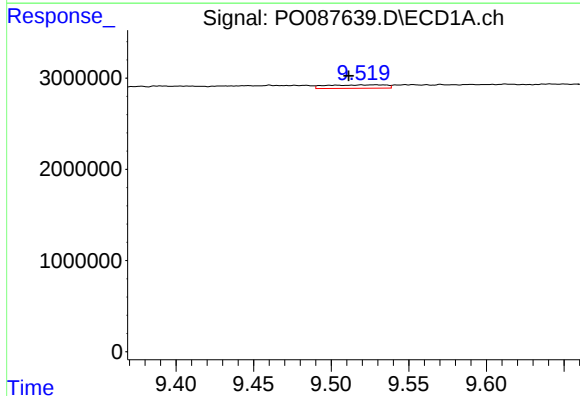
R.T.: 8.829 min
Delta R.T.: -0.002 min
Response: 250238
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



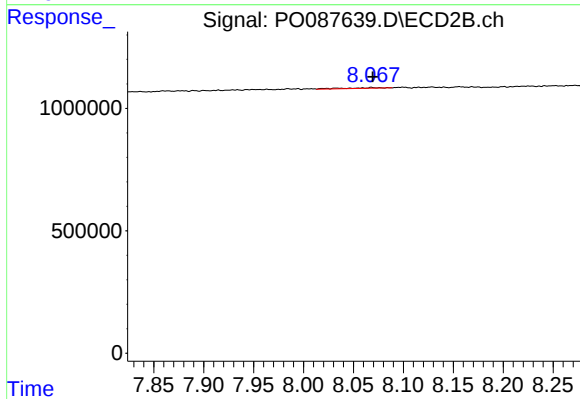
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.575 min
Response: 0
Conc: N.D.



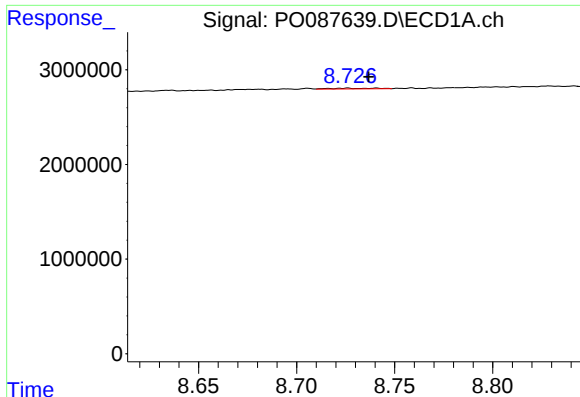
#40 AR-1262-5

R.T.: 9.529 min
Delta R.T.: 0.017 min
Response: 1004767
Conc: 10.49 ng/ml



#40 AR-1262-5

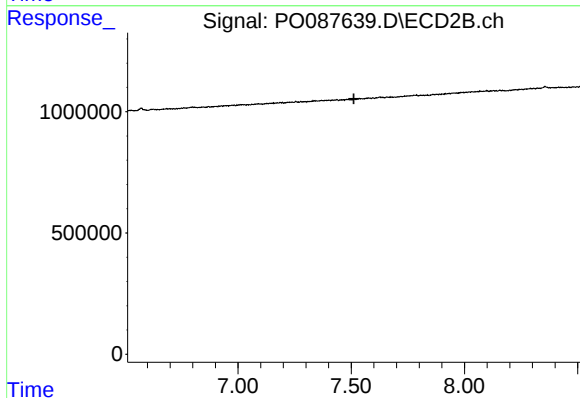
R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 66999
Conc: 2.00 ng/ml



#41 AR-1268-1

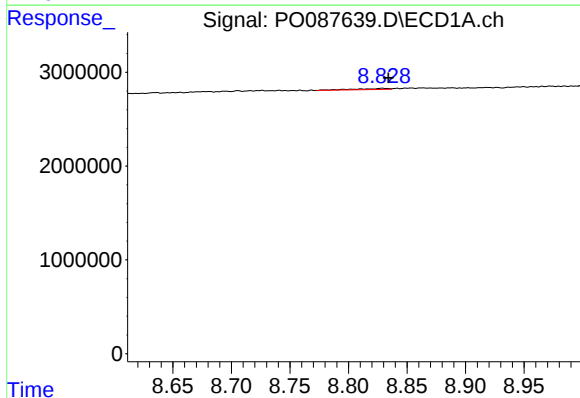
R.T.: 8.726 min
Delta R.T.: -0.011 min
Response: 113904
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



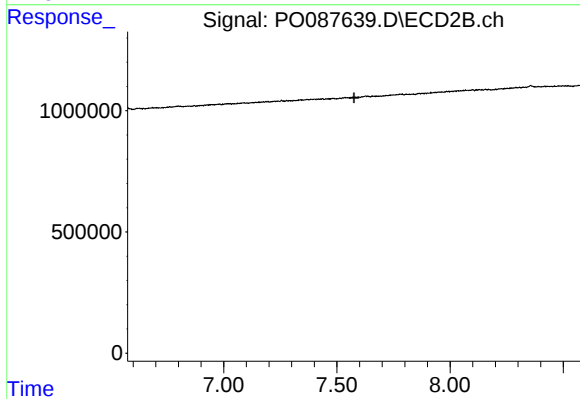
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.511 min
Response: 0
Conc: N.D.



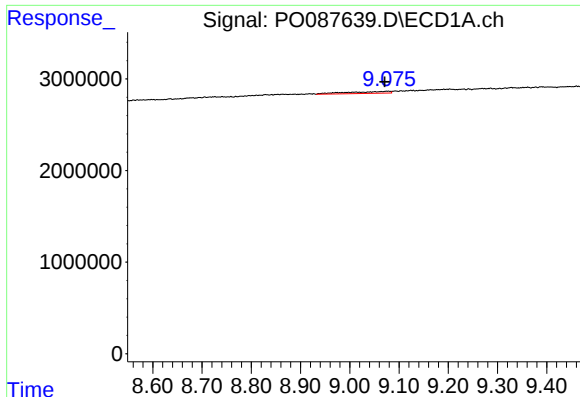
#42 AR-1268-2

R.T.: 8.829 min
Delta R.T.: -0.005 min
Response: 250238
Conc: 0.93 ng/ml



#42 AR-1268-2

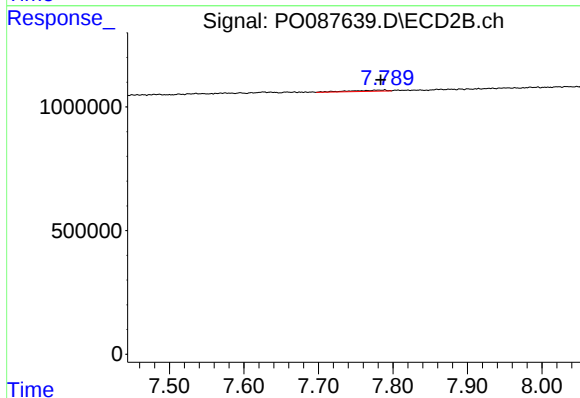
R.T.: 0.000 min
Exp R.T. : 7.575 min
Response: 0
Conc: N.D.



#43 AR-1268-3

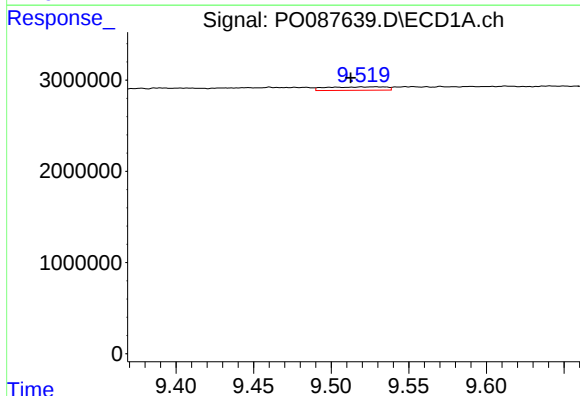
R.T.: 9.078 min
Delta R.T.: 0.007 min
Response: 1217247
Conc: 5.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



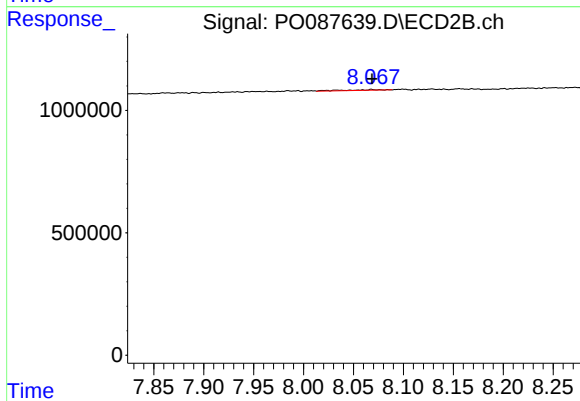
#43 AR-1268-3

R.T.: 7.789 min
Delta R.T.: 0.006 min
Response: 148233
Conc: 1.75 ng/ml



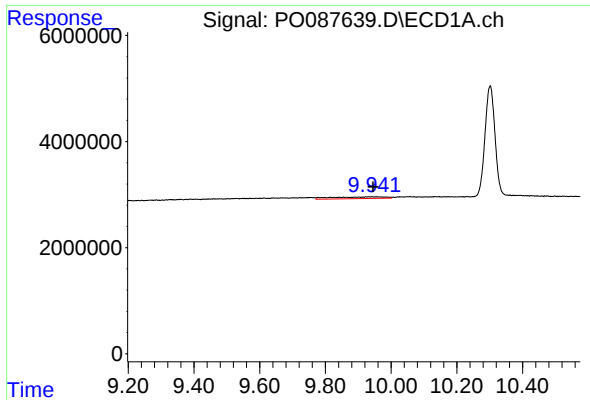
#44 AR-1268-4

R.T.: 9.529 min
Delta R.T.: 0.016 min
Response: 1004767
Conc: 9.83 ng/ml



#44 AR-1268-4

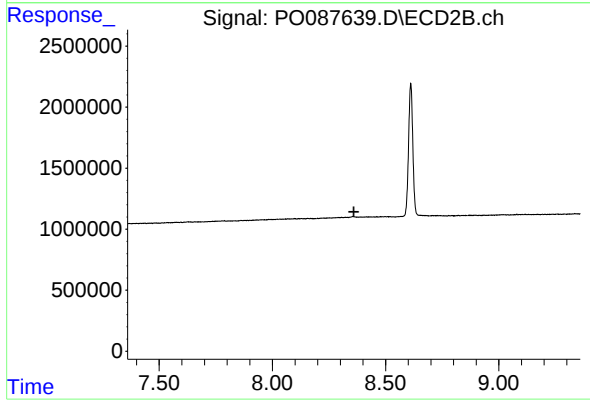
R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 66999
Conc: 1.89 ng/ml



#45 AR-1268-5

R.T.: 9.942 min
Delta R.T.: -0.003 min
Response: 3650615
Conc: 4.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.360 min
Response: 0
Conc: N.D.