

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031122\
 Data File : PR053984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2022 03:06
 Operator : AJ\MA
 Sample : N1645-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:19:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 10 01:38:42 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...	3.556	2.806	39237298	24646995	20.611	19.593
2) SA Decachlor...	9.360	7.949	38013355	28624189	22.674	21.890
Target Compounds						
3) L1 AR-1016-1	4.801f	0.000	167641	0	2.572	N.D. #
4) L1 AR-1016-2	4.801	0.000	167641	0	1.701	N.D. #
5) L1 AR-1016-3	4.864	0.000	392922	0	6.638	N.D. #
6) L1 AR-1016-4	0.000	4.131	0	1239709	N.D.	38.275 #
7) L1 AR-1016-5	5.275	4.340	1125991	890861	23.831	21.934
8) L2 AR-1221-1	3.785	0.000	10354451	0	251.561	N.D. #
9) L2 AR-1221-2	3.870	3.098	882767	951615	28.706	43.484 #
12) L3 AR-1232-2	4.489	0.000	155266	0	7.333	N.D. #
13) L3 AR-1232-3	4.801	0.000	167641	0	4.206	N.D. #
14) L3 AR-1232-4	0.000	4.169	0	484818	N.D.	35.134 #
15) L3 AR-1232-5	5.061	4.340	2204729	890861	152.340	55.872 #
16) L4 AR-1242-1	4.801f	0.000	167641	0	3.544	N.D. #
17) L4 AR-1242-2	4.801	0.000	167641	0	2.369	N.D. #
18) L4 AR-1242-3	4.864	0.000	392922	0	8.924	N.D. #
19) L4 AR-1242-4	0.000	4.169	0	484818	N.D.	17.936 #
20) L4 AR-1242-5	5.747	4.702	1561376	2839311	35.651	81.252 #
21) L5 AR-1248-1	4.801f	0.000	167641	0	4.521	N.D. #
22) L5 AR-1248-2	5.061	4.131	2204729	1239709	43.872	30.407 #
23) L5 AR-1248-3	5.275	4.169	1125991	484818	19.202	12.489 #
24) L5 AR-1248-4	5.706	4.340	1756293	890861	27.098	18.619 #
25) L5 AR-1248-5	5.747	4.775f	1561376	219848	23.739	4.920 #
26) L6 AR-1254-1	5.674	4.702	3028315	2839311	45.908	40.387
27) L6 AR-1254-2	5.907	4.859	5692849	2712572	52.232	41.800
28) L6 AR-1254-3	6.301	5.270	6295221	3868855	54.436	39.728 #
29) L6 AR-1254-4	6.611	5.515	6039863	2317818	66.608	40.061 #
30) L6 AR-1254-5	7.062	5.950	4080221	3508225	45.225	38.273
31) L7 AR-1260-1	6.474	5.410	4780200	2401216	52.899	31.673 #
32) L7 AR-1260-2	6.753	5.612	2438799	1522279	22.986	17.328
33) L7 AR-1260-3	7.126f	5.760	525273	1604765	7.837	18.702 #
34) L7 AR-1260-4	7.375	0.000	2366137	0	27.738	N.D. #
35) L7 AR-1260-5	7.724	6.527	791114	1082704	4.869	6.580 #
36) L8 AR-1262-1	7.126f	6.020f	525273	249501	4.906	2.633 #
37) L8 AR-1262-2	7.724	0.000	791114	0	4.179	N.D. #
38) L8 AR-1262-3	8.038f	0.000	349020	0	4.167	N.D. #
39) L8 AR-1262-4	8.100	6.891	232124	430209	4.387	3.574
41) L9 AR-1268-1	8.038f	0.000	349020	0	1.578	N.D. #
42) L9 AR-1268-2	8.100	6.891	232124	430209	1.154	2.525 #
43) L9 AR-1268-3	8.306	0.000	197179	0	1.144	N.D. #
45) L9 AR-1268-5	9.063	0.000	114722	0	0.198	N.D. #

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Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 04:19:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031122.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 10 01:38:42 2022
Response via : Initial Calibration
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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

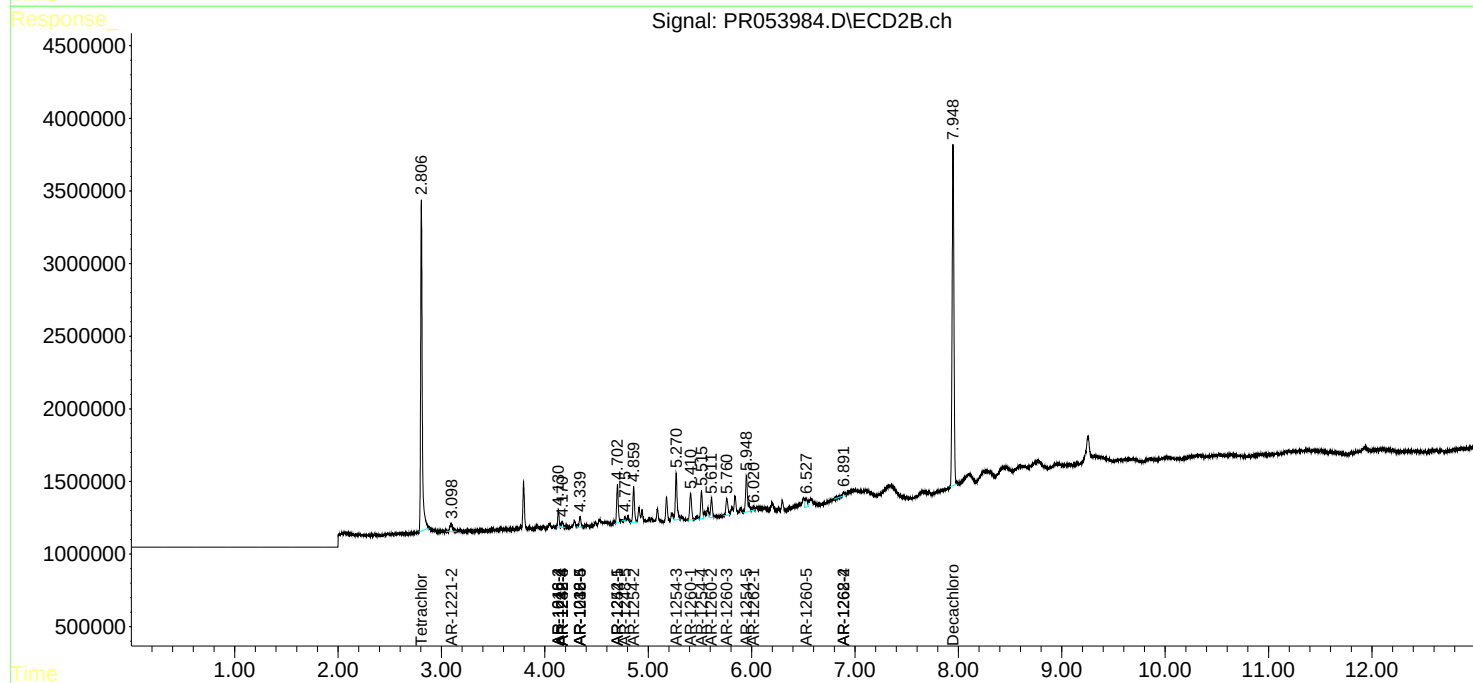
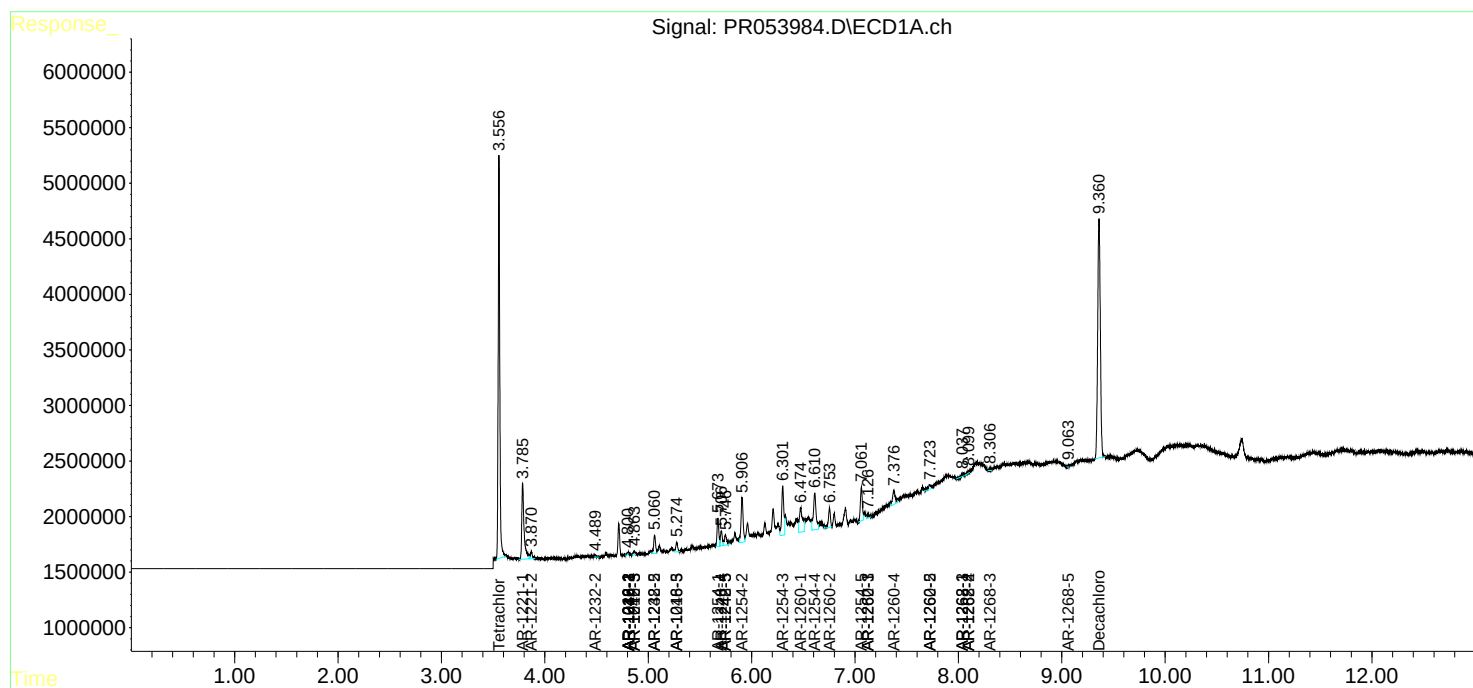
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

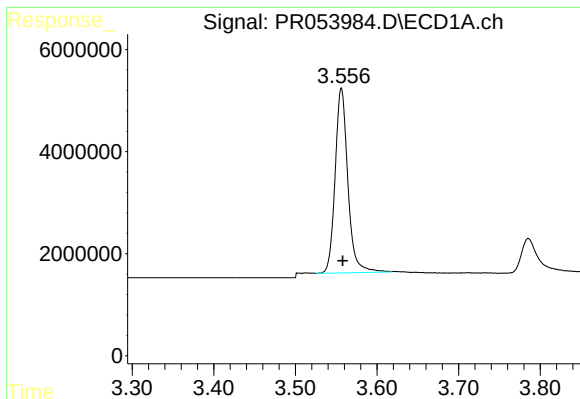
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031122\
Data File : PR053984.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

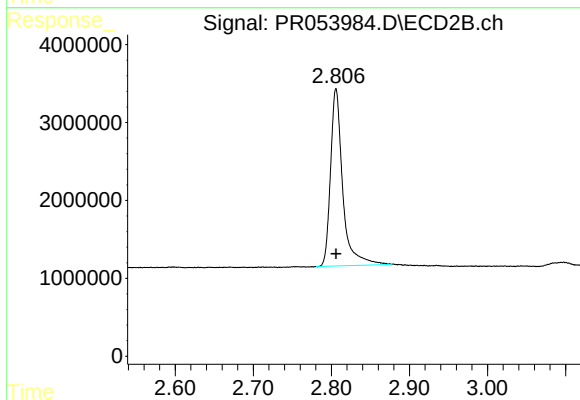




#1 Tetrachloro-m-xylene

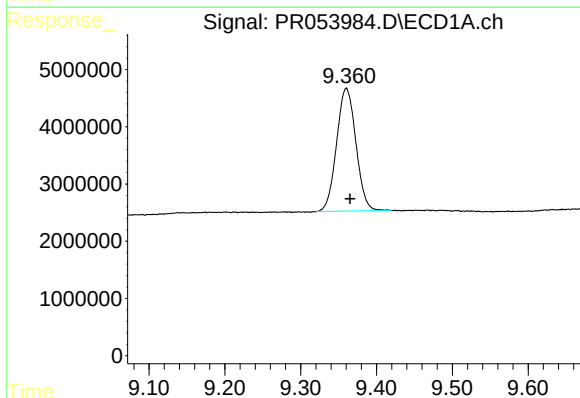
R.T.: 3.556 min
Delta R.T.: -0.002 min
Response: 39237298
Conc: 20.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



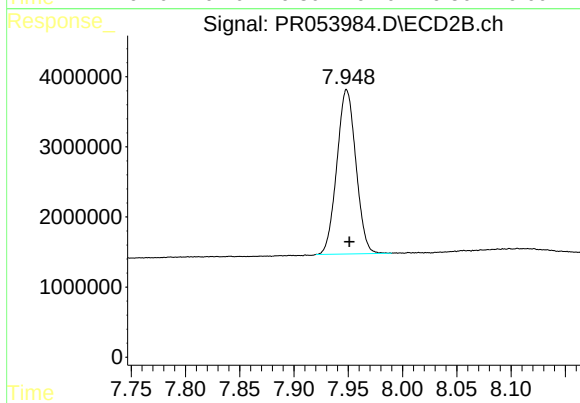
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 24646995
Conc: 19.59 ng/ml



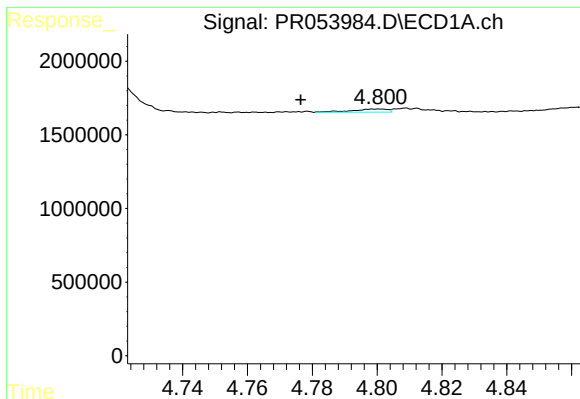
#2 Decachlorobiphenyl

R.T.: 9.360 min
Delta R.T.: -0.005 min
Response: 38013355
Conc: 22.67 ng/ml



#2 Decachlorobiphenyl

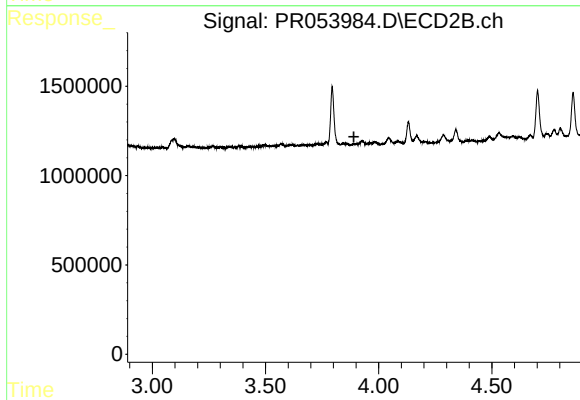
R.T.: 7.949 min
Delta R.T.: -0.003 min
Response: 28624189
Conc: 21.89 ng/ml



#3 AR-1016-1

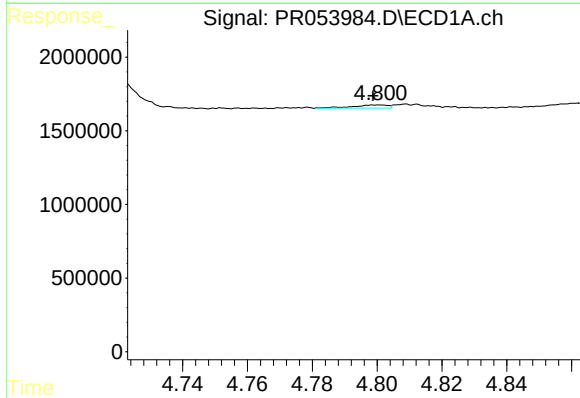
R.T.: 4.801 min
Delta R.T.: 0.025 min
Response: 167641
Conc: 2.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



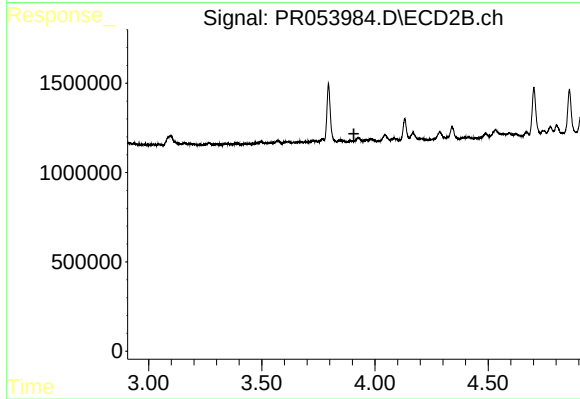
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.890 min
Response: 0
Conc: N.D.



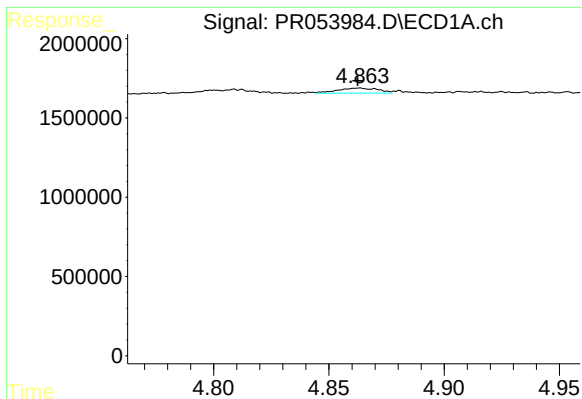
#4 AR-1016-2

R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 167641
Conc: 1.70 ng/ml



#4 AR-1016-2

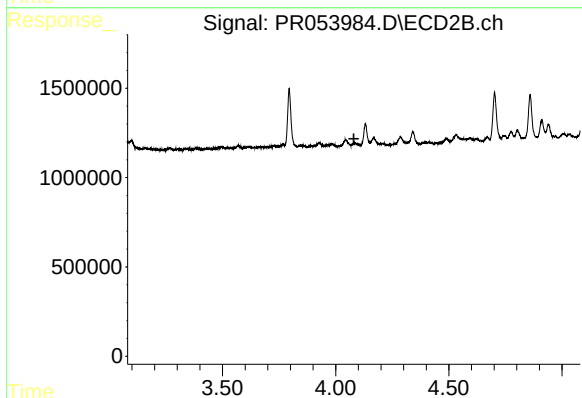
R.T.: 0.000 min
Exp R.T. : 3.907 min
Response: 0
Conc: N.D.



#5 AR-1016-3

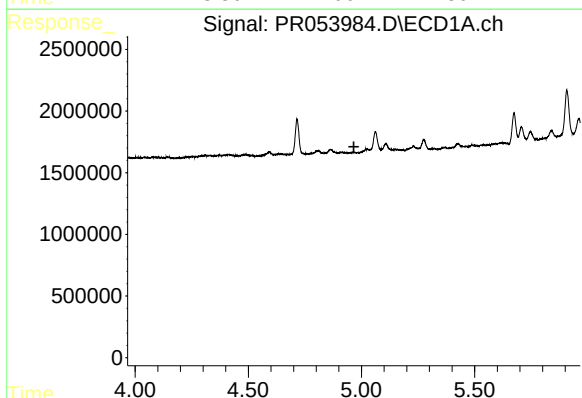
R.T.: 4.864 min
Delta R.T.: 0.001 min
Response: 392922
Conc: 6.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



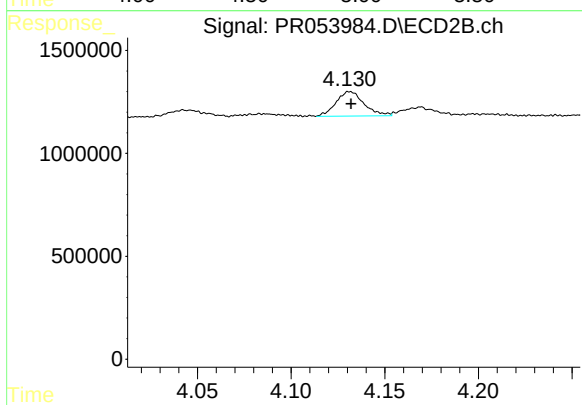
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.080 min
Response: 0
Conc: N.D.



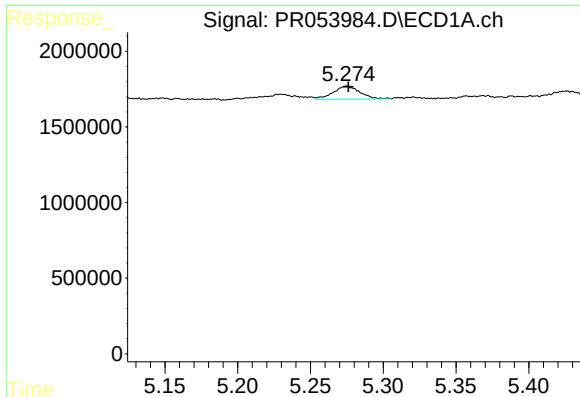
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 4.967 min
Response: 0
Conc: N.D.



#6 AR-1016-4

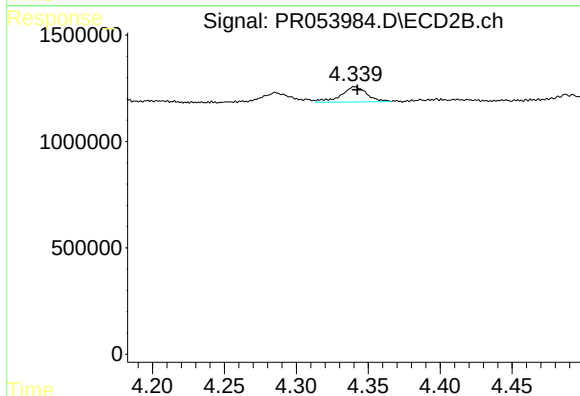
R.T.: 4.131 min
Delta R.T.: 0.000 min
Response: 1239709
Conc: 38.27 ng/ml



#7 AR-1016-5

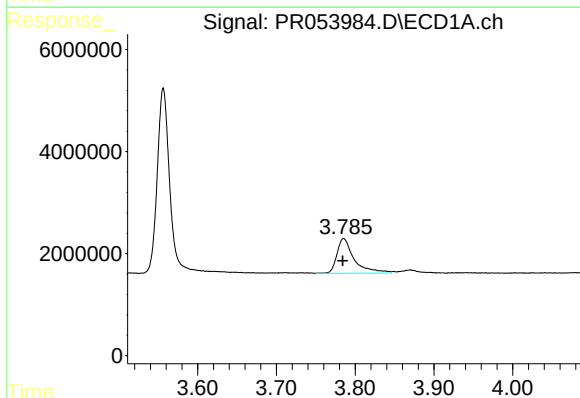
R.T.: 5.275 min
Delta R.T.: -0.001 min
Response: 1125991
Conc: 23.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



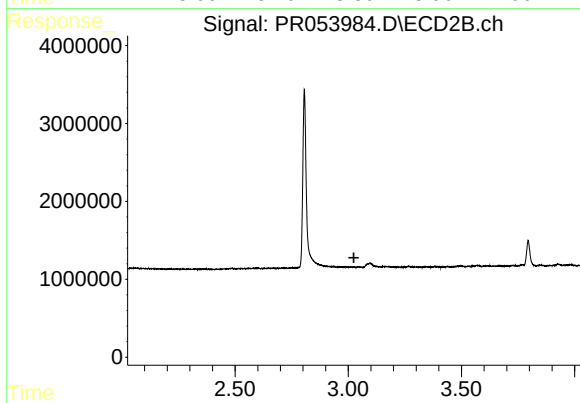
#7 AR-1016-5

R.T.: 4.340 min
Delta R.T.: -0.002 min
Response: 890861
Conc: 21.93 ng/ml



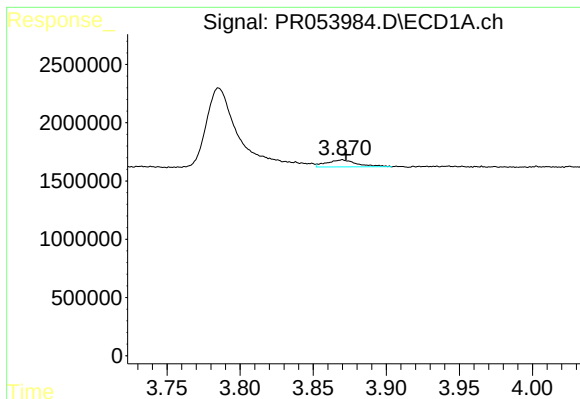
#8 AR-1221-1

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 10354451
Conc: 251.56 ng/ml



#8 AR-1221-1

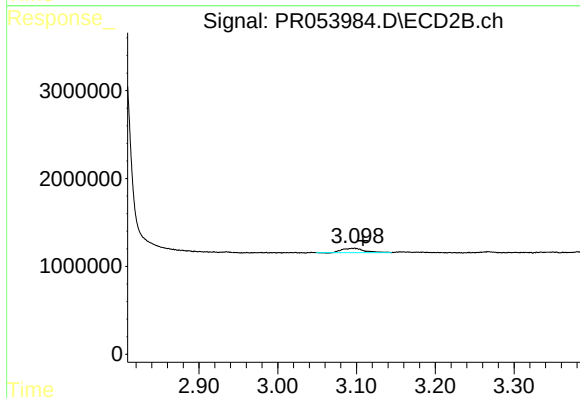
R.T.: 0.000 min
Exp R.T. : 3.025 min
Response: 0
Conc: N.D.



#9 AR-1221-2

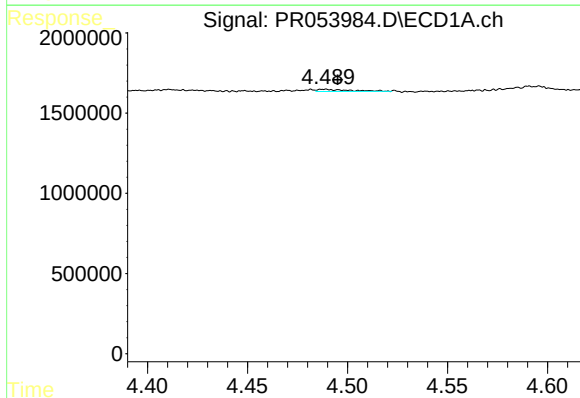
R.T.: 3.870 min
Delta R.T.: -0.003 min
Response: 882767
Conc: 28.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



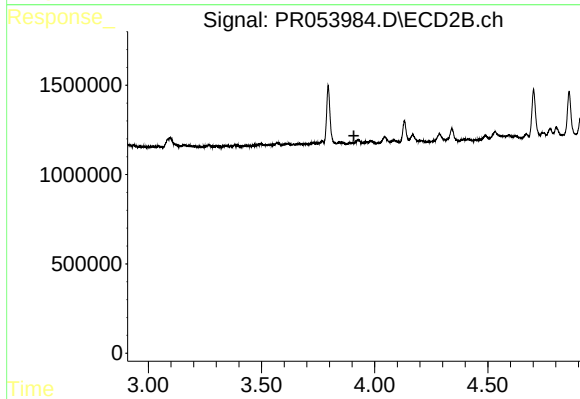
#9 AR-1221-2

R.T.: 3.098 min
Delta R.T.: -0.010 min
Response: 951615
Conc: 43.48 ng/ml



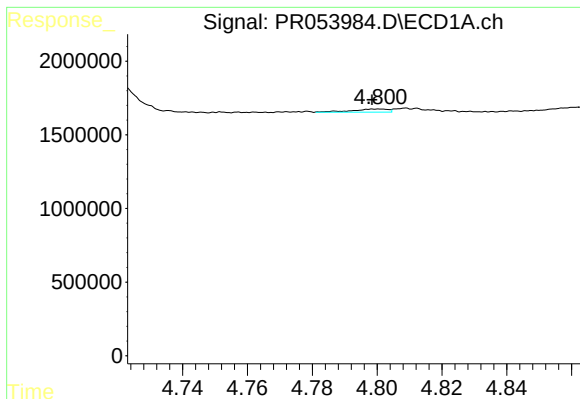
#12 AR-1232-2

R.T.: 4.489 min
Delta R.T.: -0.006 min
Response: 155266
Conc: 7.33 ng/ml



#12 AR-1232-2

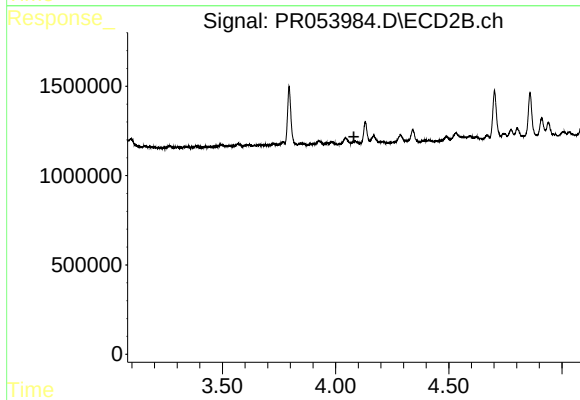
R.T.: 0.000 min
Exp R.T.: 3.908 min
Response: 0
Conc: N.D.



#13 AR-1232-3

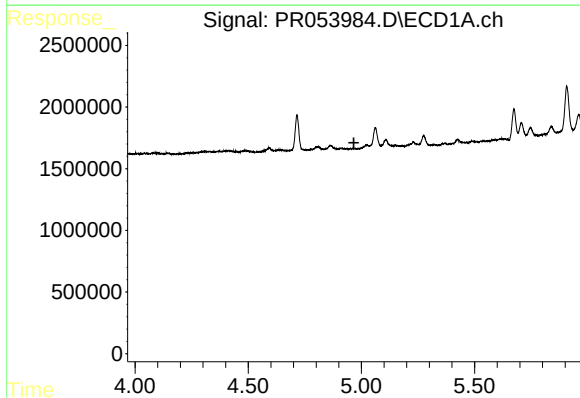
R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 167641
Conc: 4.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



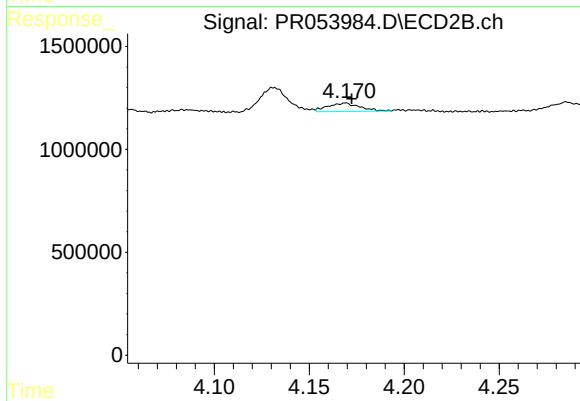
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.081 min
Response: 0
Conc: N.D.



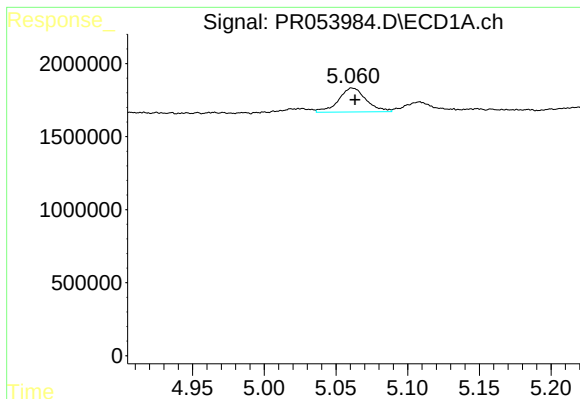
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.967 min
Response: 0
Conc: N.D.



#14 AR-1232-4

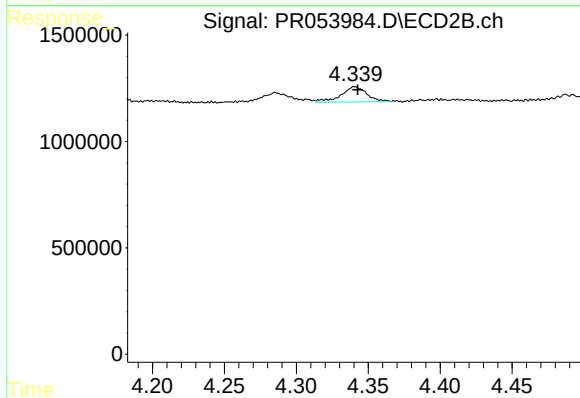
R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 484818
Conc: 35.13 ng/ml



#15 AR-1232-5

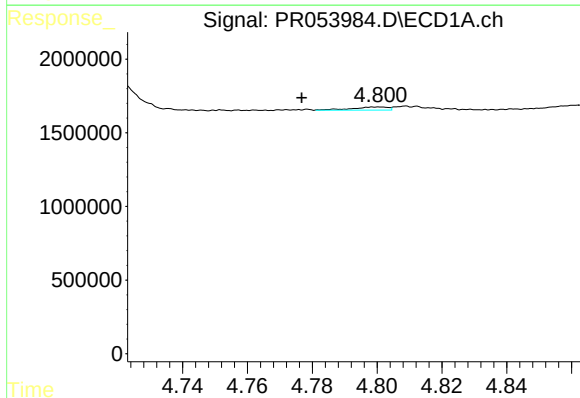
R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 2204729
Conc: 152.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



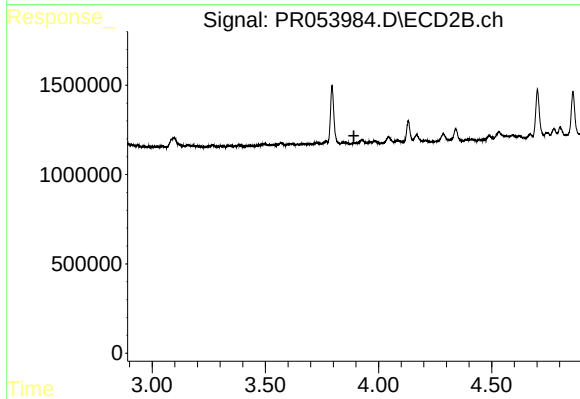
#15 AR-1232-5

R.T.: 4.340 min
Delta R.T.: -0.002 min
Response: 890861
Conc: 55.87 ng/ml



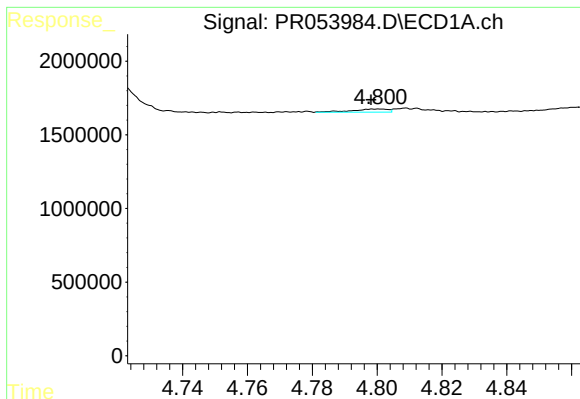
#16 AR-1242-1

R.T.: 4.801 min
Delta R.T.: 0.024 min
Response: 167641
Conc: 3.54 ng/ml



#16 AR-1242-1

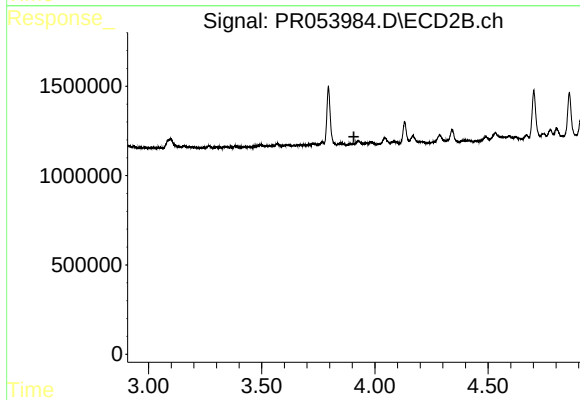
R.T.: 0.000 min
Exp R.T. : 3.891 min
Response: 0
Conc: N.D.



#17 AR-1242-2

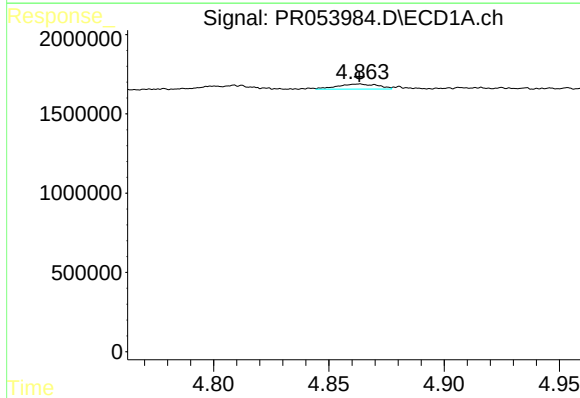
R.T.: 4.801 min
Delta R.T.: 0.003 min
Response: 167641
Conc: 2.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



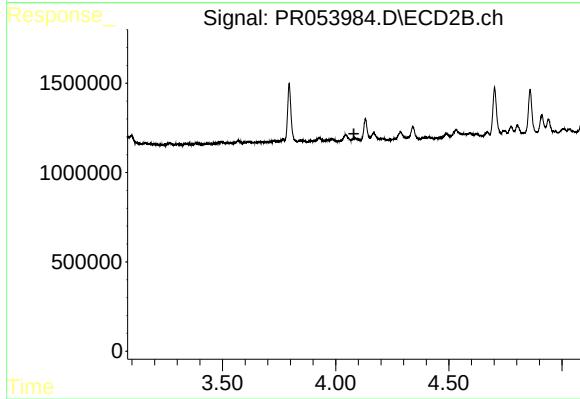
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 3.907 min
Response: 0
Conc: N.D.



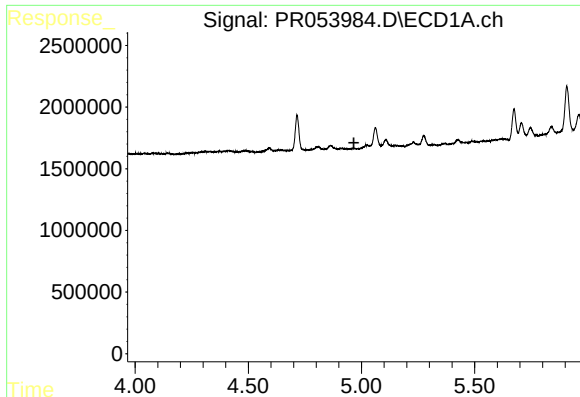
#18 AR-1242-3

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 392922
Conc: 8.92 ng/ml



#18 AR-1242-3

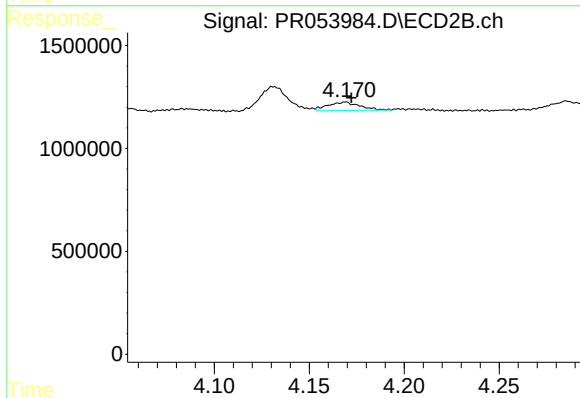
R.T.: 0.000 min
Exp R.T. : 4.081 min
Response: 0
Conc: N.D.



#19 AR-1242-4

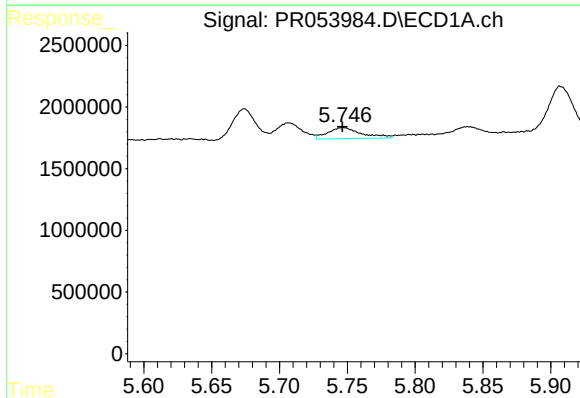
R.T.: 0.000 min
Exp R.T.: 4.966 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



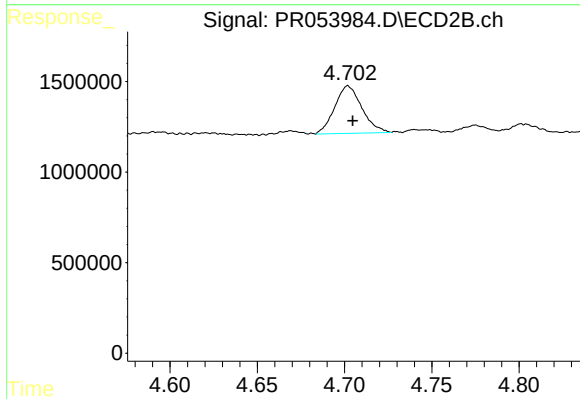
#19 AR-1242-4

R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 484818
Conc: 17.94 ng/ml



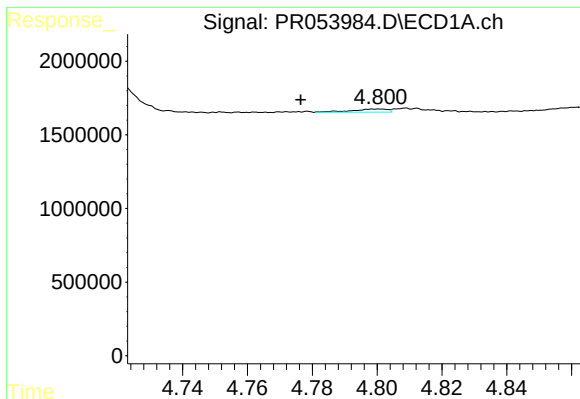
#20 AR-1242-5

R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 1561376
Conc: 35.65 ng/ml



#20 AR-1242-5

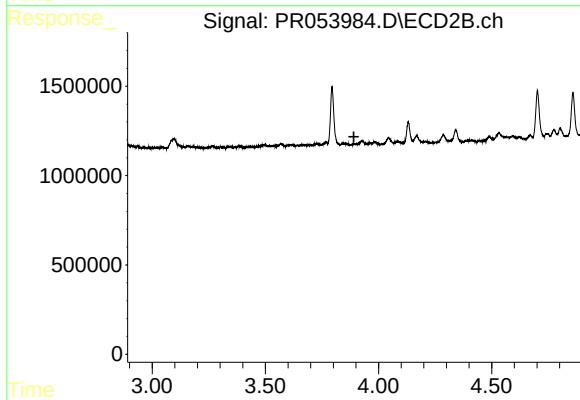
R.T.: 4.702 min
Delta R.T.: -0.003 min
Response: 2839311
Conc: 81.25 ng/ml



#21 AR-1248-1

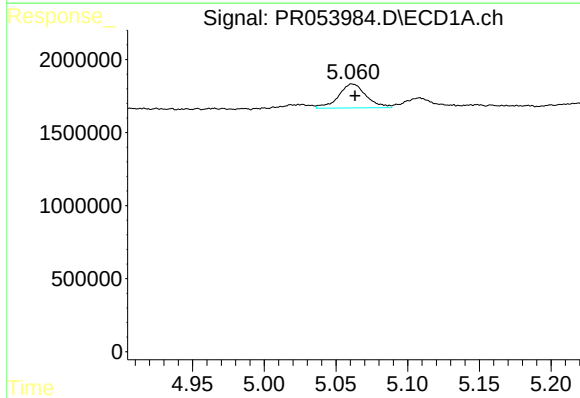
R.T.: 4.801 min
Delta R.T.: 0.024 min
Response: 167641
Conc: 4.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



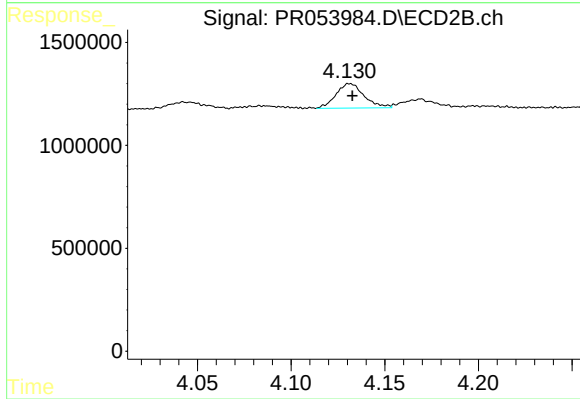
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.891 min
Response: 0
Conc: N.D.



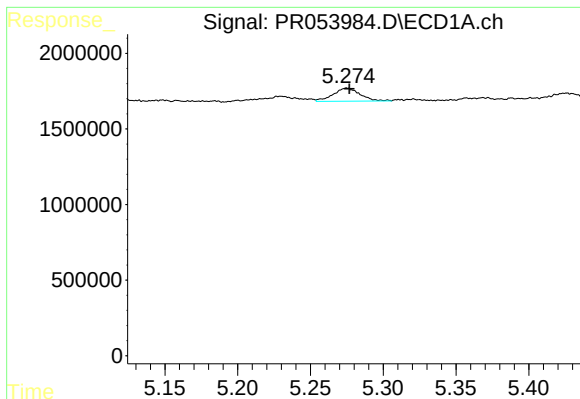
#22 AR-1248-2

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 2204729
Conc: 43.87 ng/ml



#22 AR-1248-2

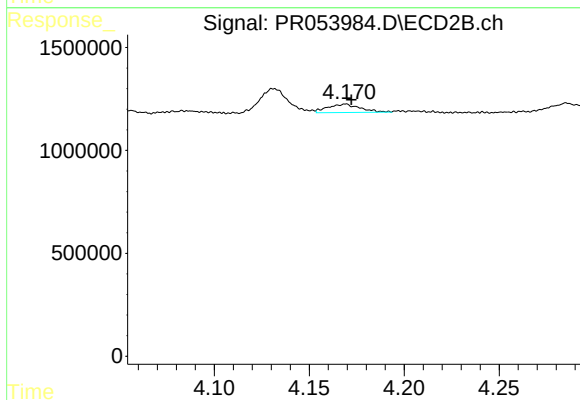
R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 1239709
Conc: 30.41 ng/ml



#23 AR-1248-3

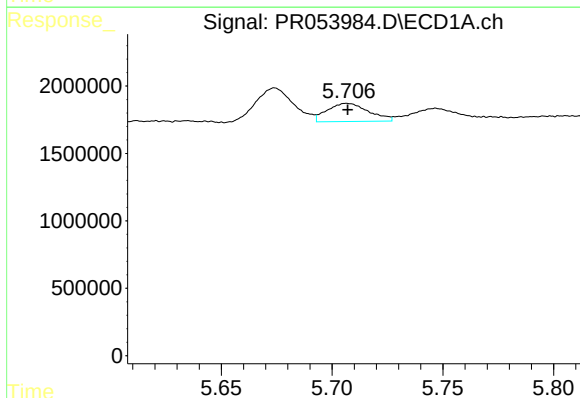
R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 1125991
Conc: 19.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



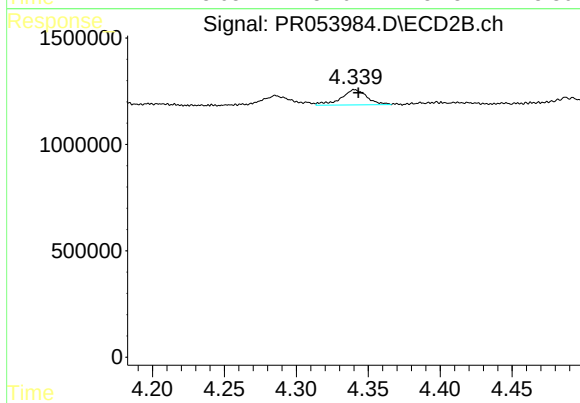
#23 AR-1248-3

R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 484818
Conc: 12.49 ng/ml



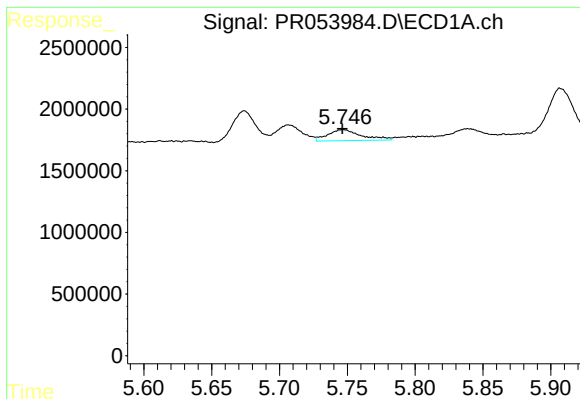
#24 AR-1248-4

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 1756293
Conc: 27.10 ng/ml



#24 AR-1248-4

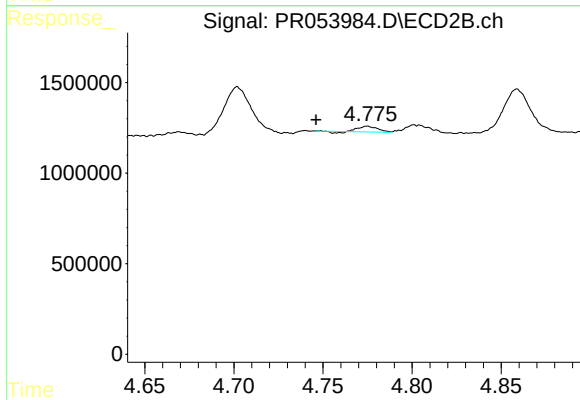
R.T.: 4.340 min
Delta R.T.: -0.003 min
Response: 890861
Conc: 18.62 ng/ml



#25 AR-1248-5

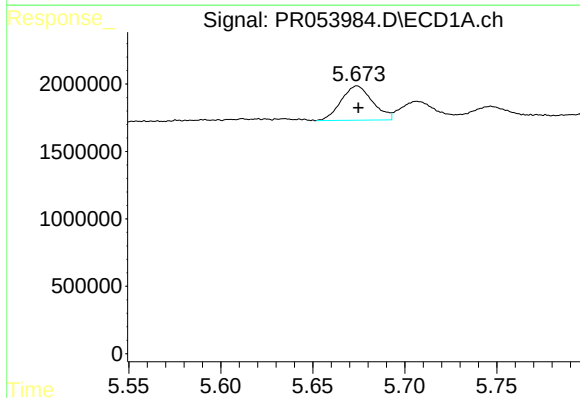
R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 1561376
Conc: 23.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



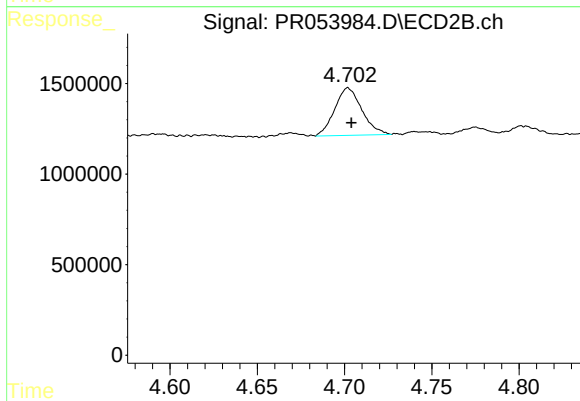
#25 AR-1248-5

R.T.: 4.775 min
Delta R.T.: 0.029 min
Response: 219848
Conc: 4.92 ng/ml



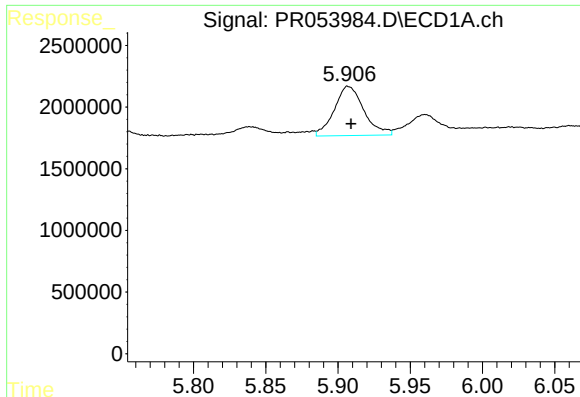
#26 AR-1254-1

R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 3028315
Conc: 45.91 ng/ml



#26 AR-1254-1

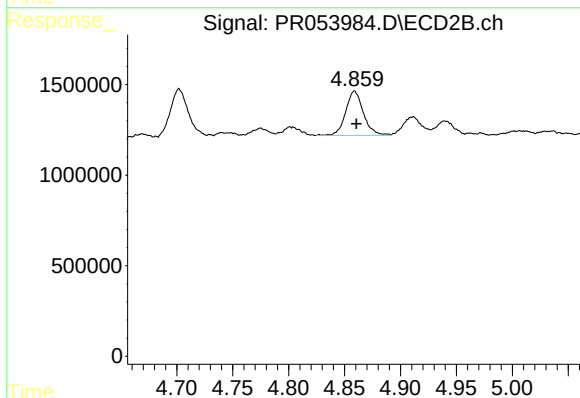
R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 2839311
Conc: 40.39 ng/ml



#27 AR-1254-2

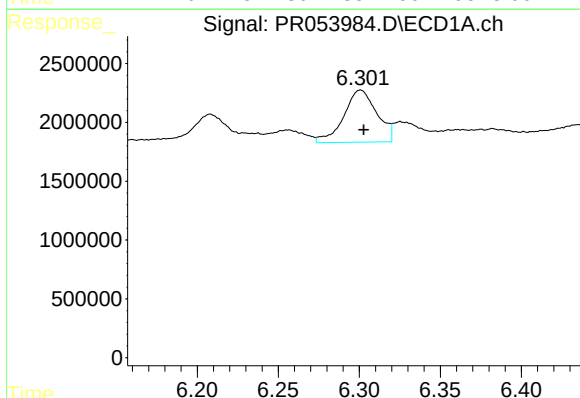
R.T.: 5.907 min
Delta R.T.: -0.002 min
Response: 5692849
Conc: 52.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



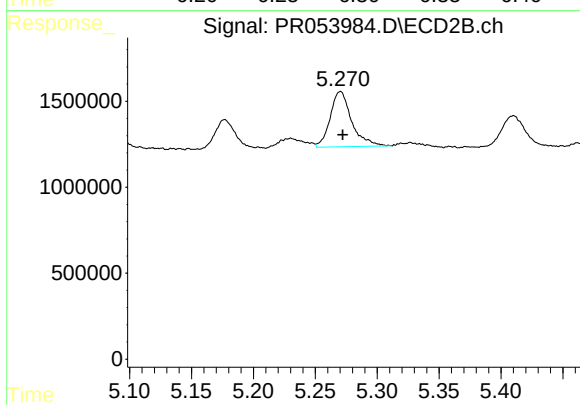
#27 AR-1254-2

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 2712572
Conc: 41.80 ng/ml



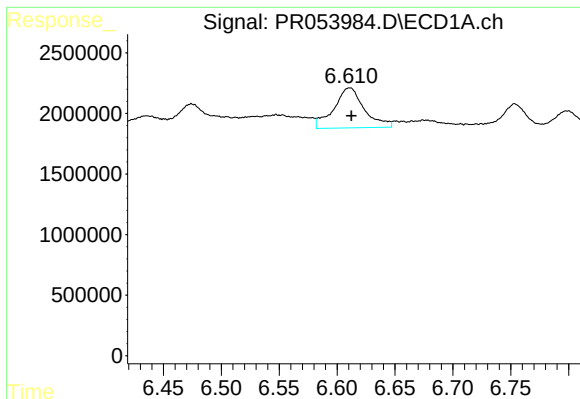
#28 AR-1254-3

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 6295221
Conc: 54.44 ng/ml



#28 AR-1254-3

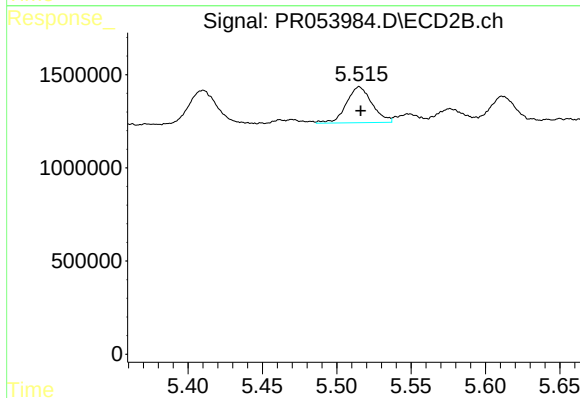
R.T.: 5.270 min
Delta R.T.: -0.002 min
Response: 3868855
Conc: 39.73 ng/ml



#29 AR-1254-4

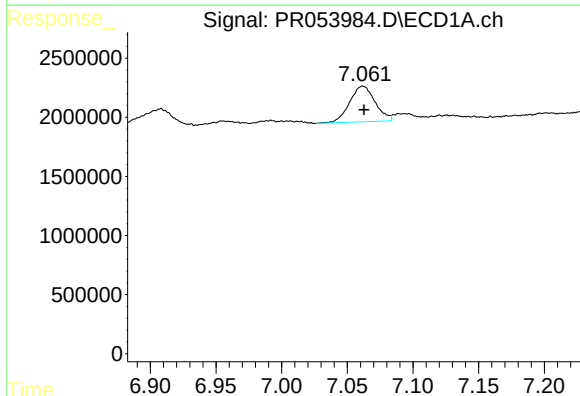
R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 6039863
Conc: 66.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



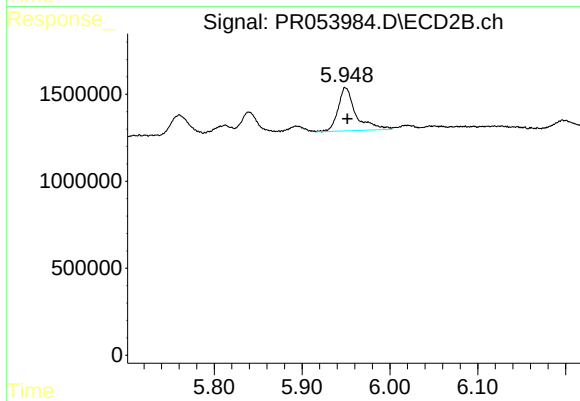
#29 AR-1254-4

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 2317818
Conc: 40.06 ng/ml



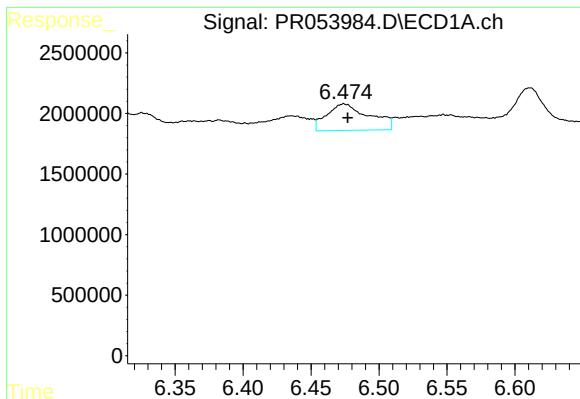
#30 AR-1254-5

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 4080221
Conc: 45.22 ng/ml



#30 AR-1254-5

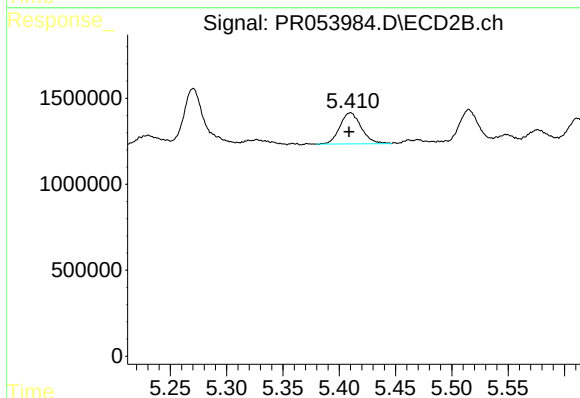
R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 3508225
Conc: 38.27 ng/ml



#31 AR-1260-1

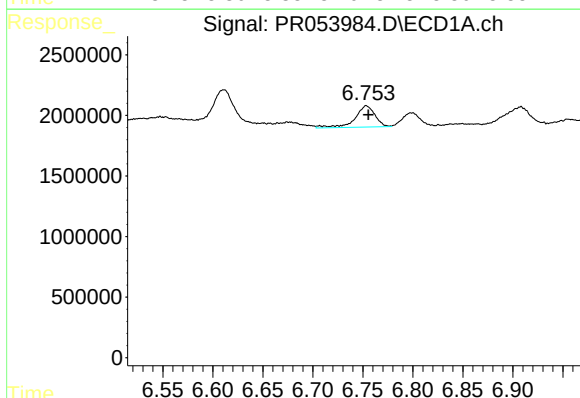
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 4780200
Conc: 52.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



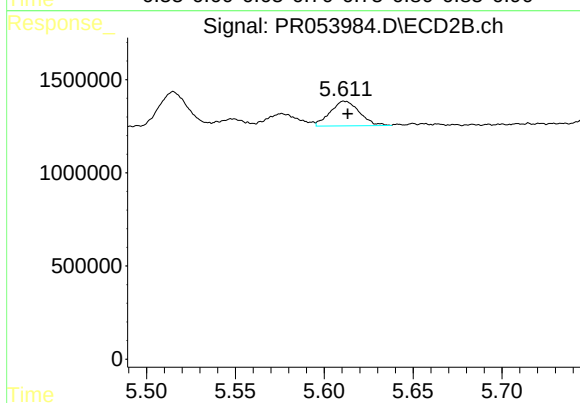
#31 AR-1260-1

R.T.: 5.410 min
Delta R.T.: 0.001 min
Response: 2401216
Conc: 31.67 ng/ml



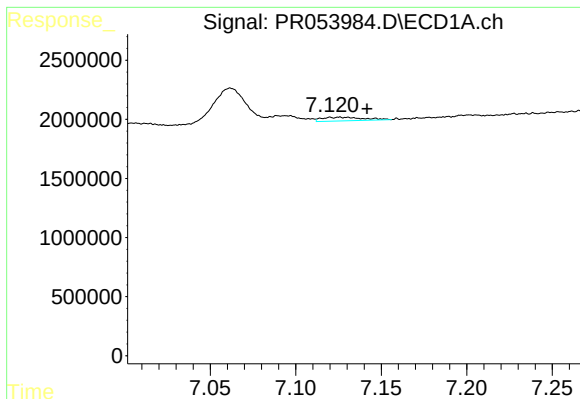
#32 AR-1260-2

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 2438799
Conc: 22.99 ng/ml



#32 AR-1260-2

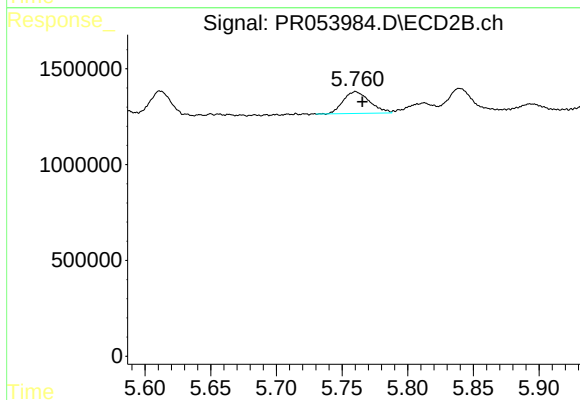
R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 1522279
Conc: 17.33 ng/ml



#33 AR-1260-3

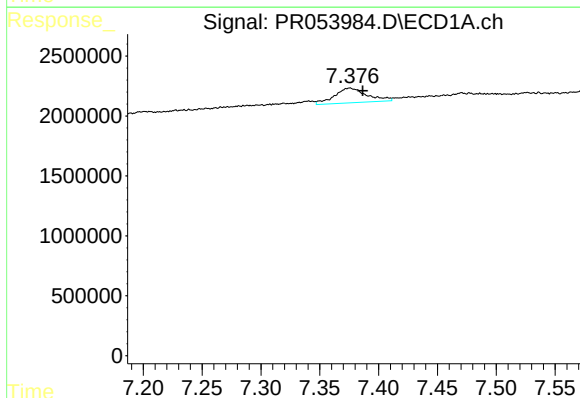
R.T.: 7.126 min
Delta R.T.: -0.016 min
Response: 525273
Conc: 7.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



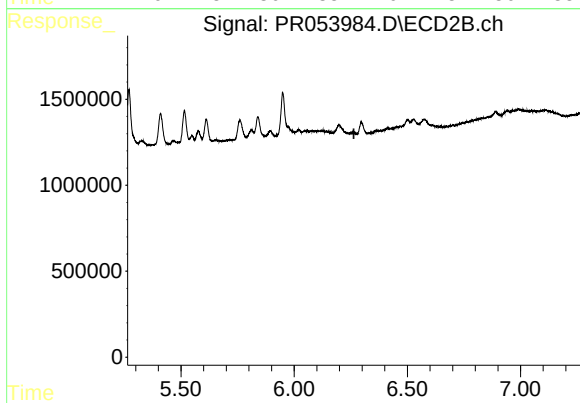
#33 AR-1260-3

R.T.: 5.760 min
Delta R.T.: -0.005 min
Response: 1604765
Conc: 18.70 ng/ml



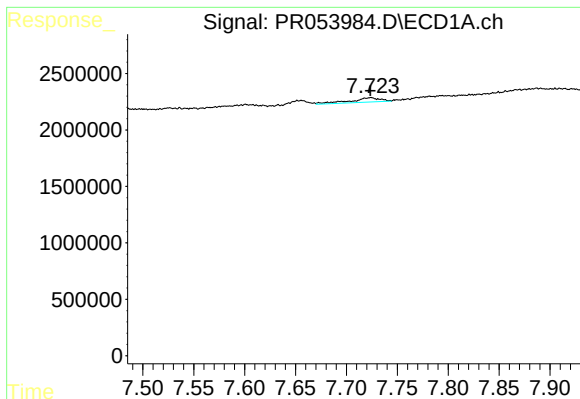
#34 AR-1260-4

R.T.: 7.375 min
Delta R.T.: -0.011 min
Response: 2366137
Conc: 27.74 ng/ml



#34 AR-1260-4

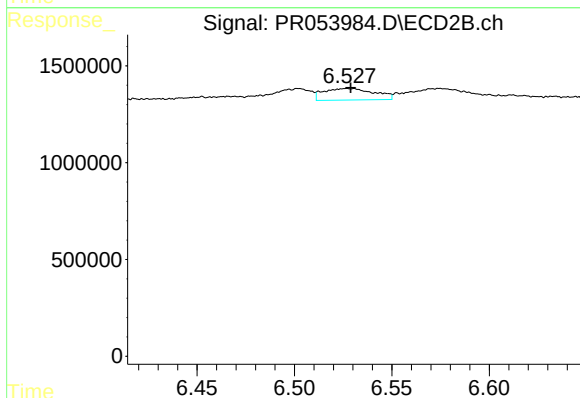
R.T.: 0.000 min
Exp R.T. : 6.264 min
Response: 0
Conc: N.D.



#35 AR-1260-5

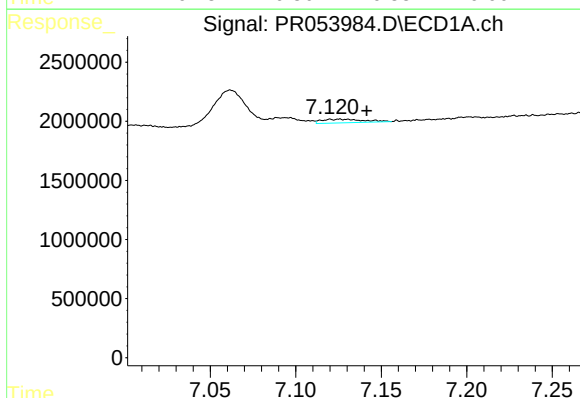
R.T.: 7.724 min
Delta R.T.: 0.000 min
Response: 791114
Conc: 4.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



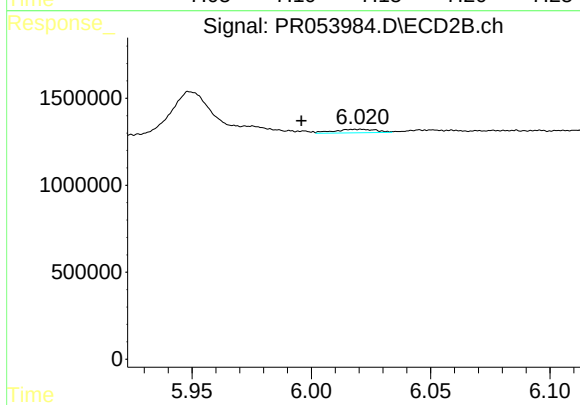
#35 AR-1260-5

R.T.: 6.527 min
Delta R.T.: -0.002 min
Response: 1082704
Conc: 6.58 ng/ml



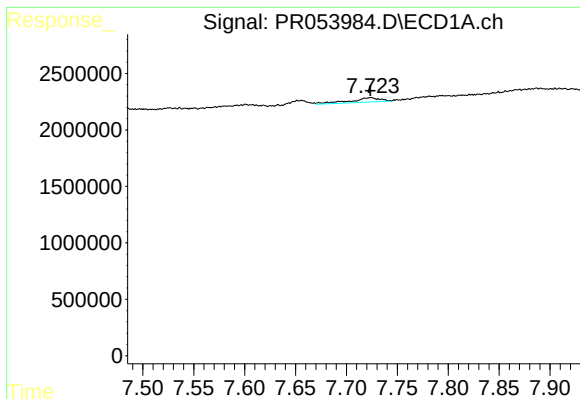
#36 AR-1262-1

R.T.: 7.126 min
Delta R.T.: -0.016 min
Response: 525273
Conc: 4.91 ng/ml



#36 AR-1262-1

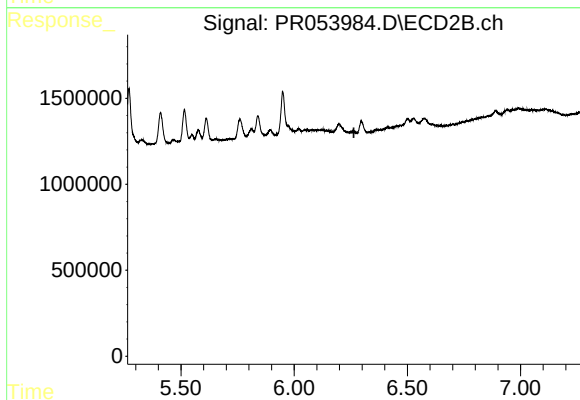
R.T.: 6.020 min
Delta R.T.: 0.025 min
Response: 249501
Conc: 2.63 ng/ml



#37 AR-1262-2

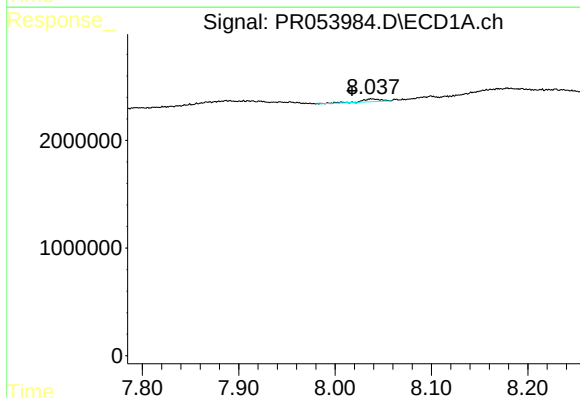
R.T.: 7.724 min
Delta R.T.: 0.000 min
Response: 791114
Conc: 4.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



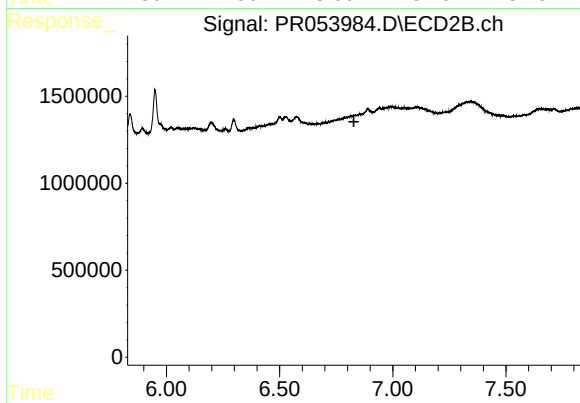
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.264 min
Response: 0
Conc: N.D.



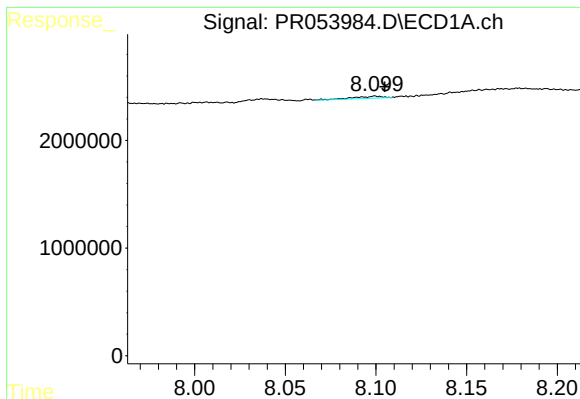
#38 AR-1262-3

R.T.: 8.038 min
Delta R.T.: 0.020 min
Response: 349020
Conc: 4.17 ng/ml



#38 AR-1262-3

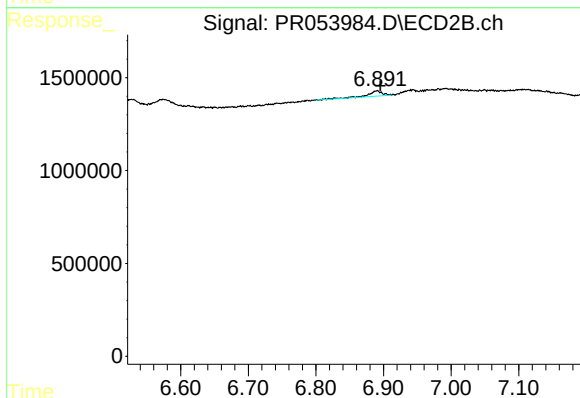
R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#39 AR-1262-4

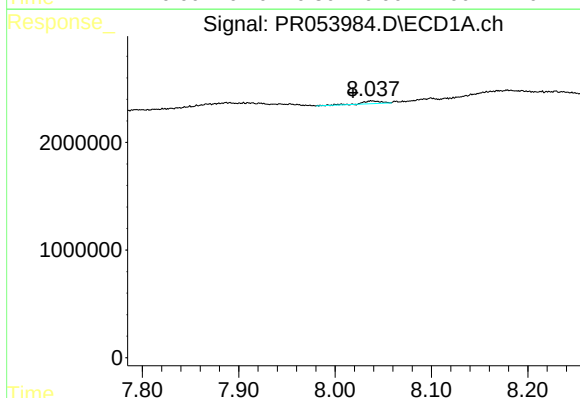
R.T.: 8.100 min
Delta R.T.: -0.005 min
Response: 232124
Conc: 4.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



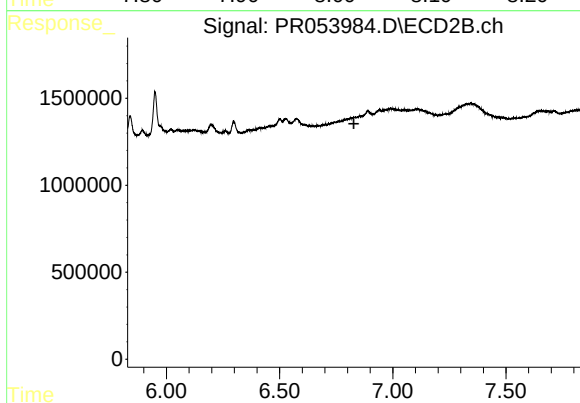
#39 AR-1262-4

R.T.: 6.891 min
Delta R.T.: -0.005 min
Response: 430209
Conc: 3.57 ng/ml



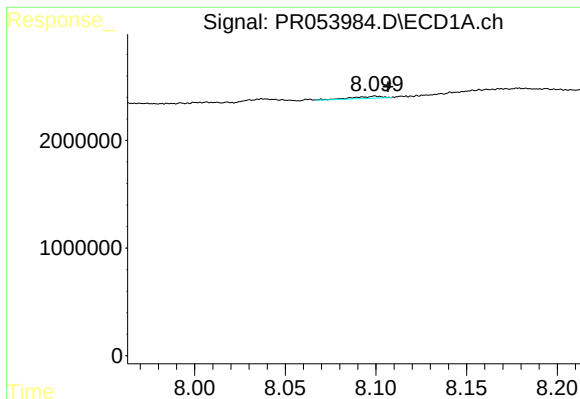
#41 AR-1268-1

R.T.: 8.038 min
Delta R.T.: 0.019 min
Response: 349020
Conc: 1.58 ng/ml



#41 AR-1268-1

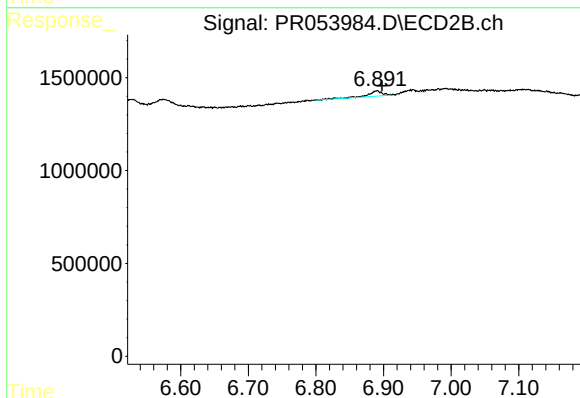
R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#42 AR-1268-2

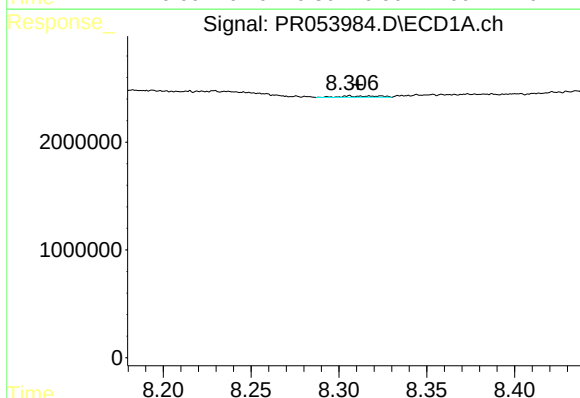
R.T.: 8.100 min
Delta R.T.: -0.007 min
Response: 232124
Conc: 1.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



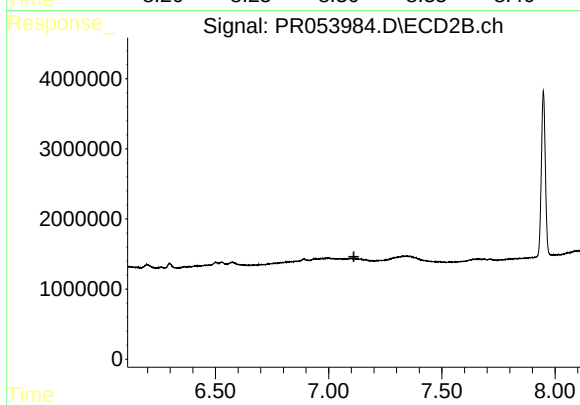
#42 AR-1268-2

R.T.: 6.891 min
Delta R.T.: -0.007 min
Response: 430209
Conc: 2.53 ng/ml



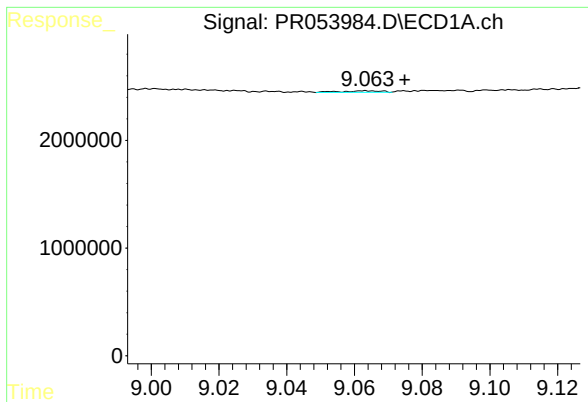
#43 AR-1268-3

R.T.: 8.306 min
Delta R.T.: -0.005 min
Response: 197179
Conc: 1.14 ng/ml



#43 AR-1268-3

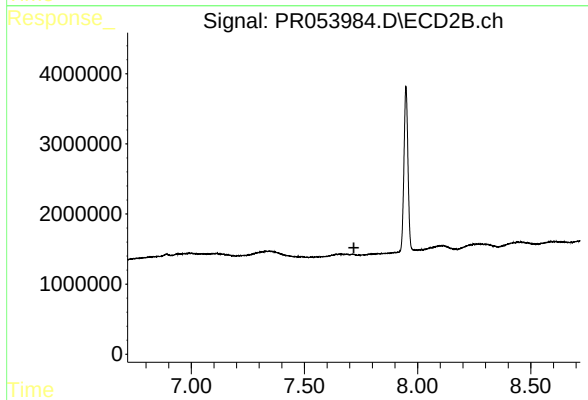
R.T.: 0.000 min
Exp R.T. : 7.112 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.063 min
Delta R.T.: -0.011 min
Response: 114722
Conc: 0.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.719 min
Response: 0
Conc: N.D.