

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060754.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 01:51
 Operator : AJ\MA
 Sample : 02213-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:08:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 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...	3.688	2.900	63003661	80544466	20.637	18.926
2) SA Decachlor...	9.657	8.127	63557423	88117941	22.405	20.269
Target Compounds						
3) L1 AR-1016-1	4.926	4.008	649939	233338	5.871	1.578 #
4) L1 AR-1016-2	4.954	4.036	740460	516529	4.758	2.435 #
5) L1 AR-1016-3	5.014	0.000	507472	0	5.201	N.D. #
6) L1 AR-1016-4	5.111	4.255	206247	4039856	2.650	47.259 #
7) L1 AR-1016-5	5.431	4.470	2010127	2455254	25.274	21.498
8) L2 AR-1221-1	3.895f	3.113	176990	172029	4.467	3.622
9) L2 AR-1221-2	4.003	3.201	798410	1107221	27.498	31.212
12) L3 AR-1232-2	4.622	4.036	50572	516529	1.391	5.648 #
13) L3 AR-1232-3	4.954	0.000	740460	0	10.509	N.D. #
14) L3 AR-1232-4	5.111	4.294	206247	1225961	5.979	30.030 #
15) L3 AR-1232-5	5.217	4.470	3565743	2455254	136.060	52.253 #
16) L4 AR-1242-1	4.926	4.008	649939	233338	7.365	2.009 #
17) L4 AR-1242-2	4.954	4.036	740460	516529	5.969	3.098 #
18) L4 AR-1242-3	5.014	0.000	507472	0	6.495	N.D. #
19) L4 AR-1242-4	5.111	4.294	206247	1225961	3.293	15.157 #
20) L4 AR-1242-5	5.911	4.838	1883902	10062886	27.210	93.412 #
21) L5 AR-1248-1	4.926	4.008	649939	233338	9.780	2.714 #
22) L5 AR-1248-2	5.217	4.255	3565743	4039856	40.159	33.598
23) L5 AR-1248-3	5.431	4.294	2010127	1225961	19.093	10.057 #
24) L5 AR-1248-4	5.867	4.470	2816543	2455254	23.427	16.266 #
25) L5 AR-1248-5	5.911	4.880	1883902	1233743	15.914	8.027 #
26) L6 AR-1254-1	5.838	4.838	5872266	10062886	48.756	41.620
27) L6 AR-1254-2	6.077	4.997	9893271	8895692	51.891	42.575
28) L6 AR-1254-3	6.471	5.415	10322168	14056557	50.304	40.392
29) L6 AR-1254-4	6.785	5.661	8160701	8891761	52.421	40.326
30) L6 AR-1254-5	7.244	6.104	8343033	12910339	49.588	40.283
31) L7 AR-1260-1	6.653	5.556	4282890	6904719	26.883	28.171
32) L7 AR-1260-2	6.936	5.760	5074702	6031152	26.298	19.406 #
33) L7 AR-1260-3	7.308f	5.914	1223761	6074390	8.597	21.637 #
34) L7 AR-1260-4	7.554f	6.421	3729946	692450	22.815	2.877 #
35) L7 AR-1260-5	7.913	6.687	1194506	1383911	3.777	2.377 #
36) L8 AR-1262-1	7.308f	6.175f	1223761	1056811	6.474	3.350 #
37) L8 AR-1262-2	7.913	6.421	1194506	692450	3.545	2.403 #
38) L8 AR-1262-3	8.235	0.000	1012792	0	4.398	N.D. #
39) L8 AR-1262-4	8.291f	7.053	591760	1852513	3.363	4.308 #
40) L8 AR-1262-5	8.970f	0.000	218684	0	1.746	N.D. #
41) L9 AR-1268-1	8.235	0.000	1012792	0	2.450	N.D. #
42) L9 AR-1268-2	8.291f	7.053	591760	1852513	1.573	2.771 #
43) L9 AR-1268-3	0.000	7.279	0	503003	N.D.	0.885 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:08:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
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 QLast Update : Fri Apr 07 15:47:54 2023
 Response via : Initial Calibration
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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
44) L9	AR-1268-4	8.970f	0.000	218684	0	1.522	N.D. #
45) L9	AR-1268-5	9.344	7.885	243129	618602	0.230	0.329 #

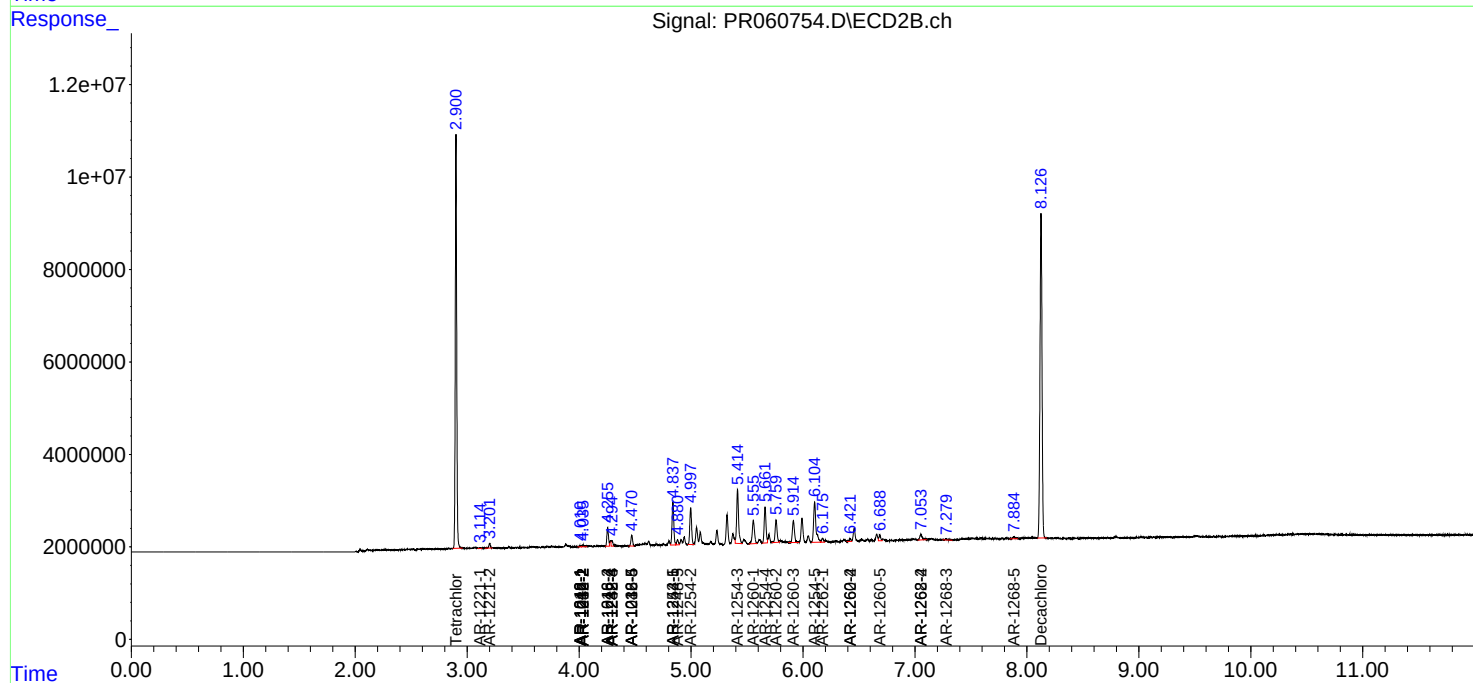
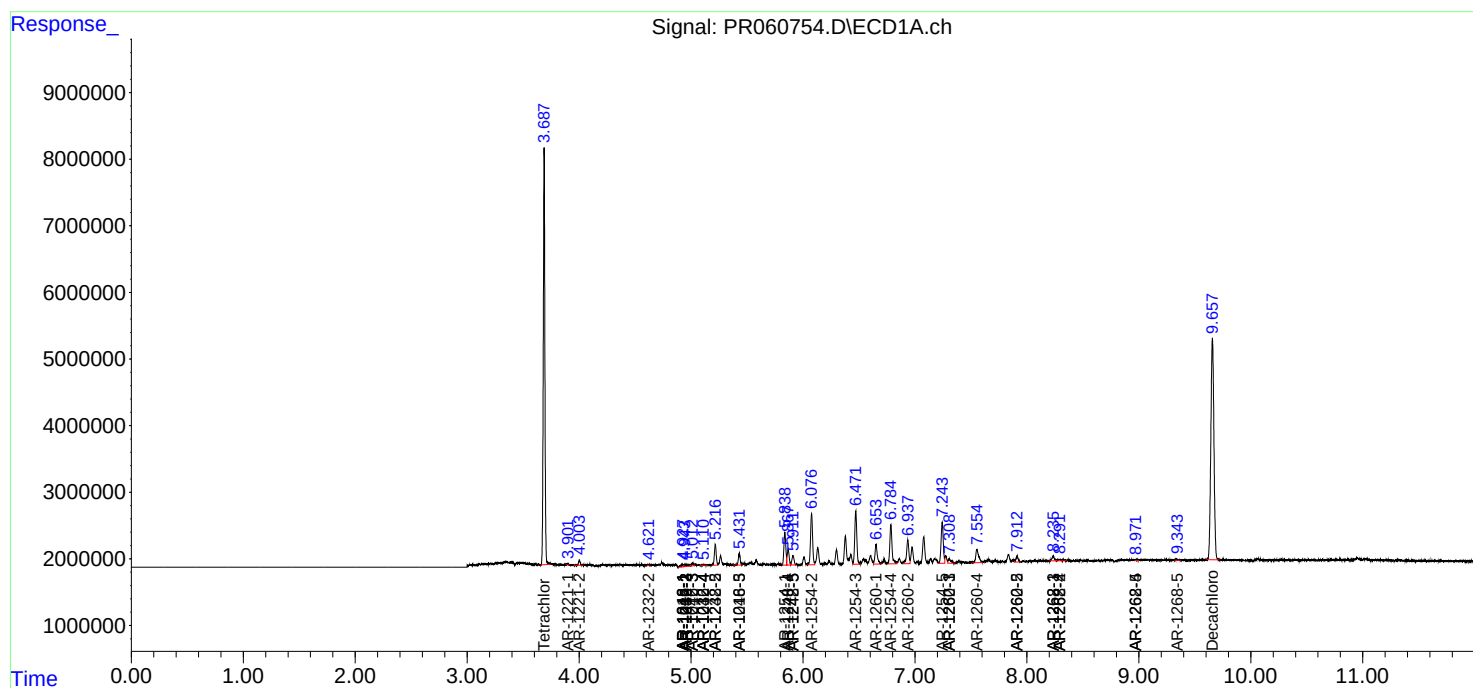
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

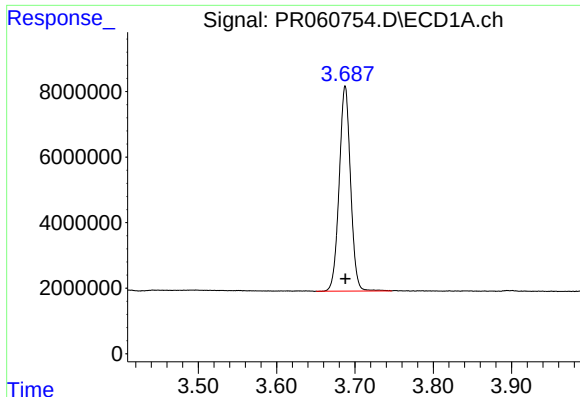
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
Data File : PR060754.D
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Integrator: ChemStation

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

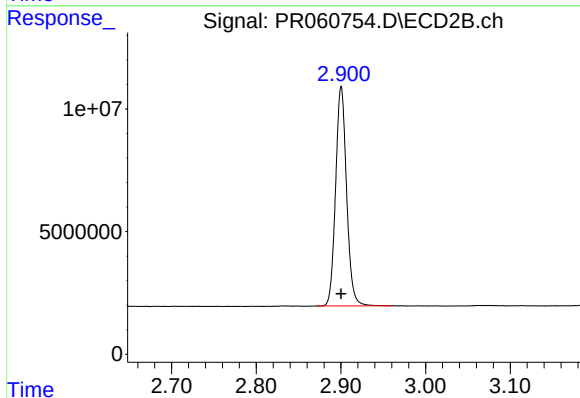




#1 Tetrachloro-m-xylene

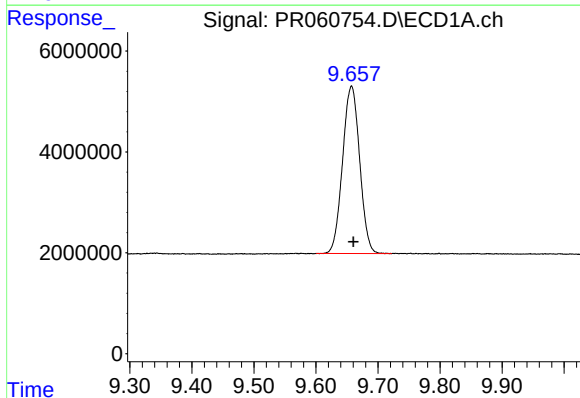
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 63003661
Conc: 20.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



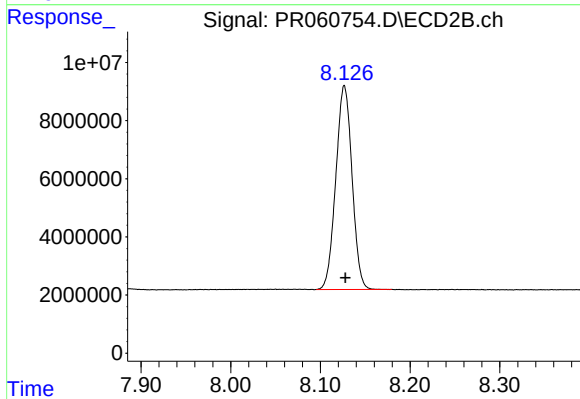
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 80544466
Conc: 18.93 ng/ml



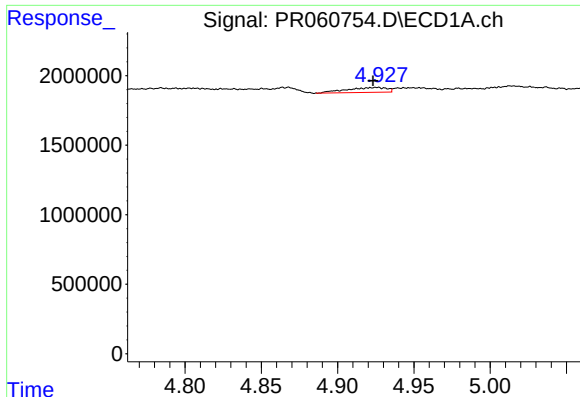
#2 Decachlorobiphenyl

R.T.: 9.657 min
Delta R.T.: -0.003 min
Response: 63557423
Conc: 22.41 ng/ml



#2 Decachlorobiphenyl

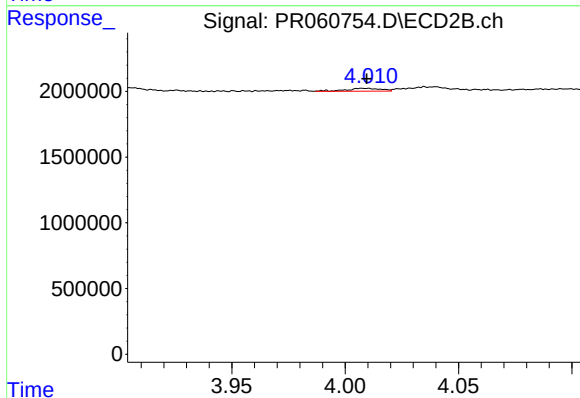
R.T.: 8.127 min
Delta R.T.: -0.001 min
Response: 88117941
Conc: 20.27 ng/ml



#3 AR-1016-1

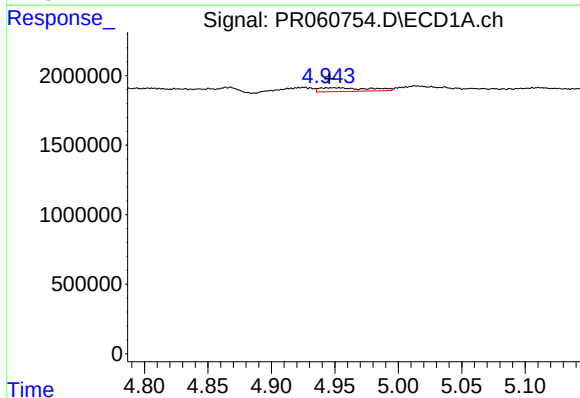
R.T.: 4.926 min
Delta R.T.: 0.003 min
Response: 649939
Conc: 5.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



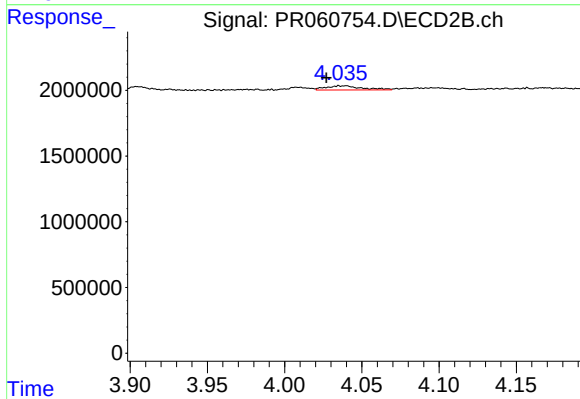
#3 AR-1016-1

R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 233338
Conc: 1.58 ng/ml



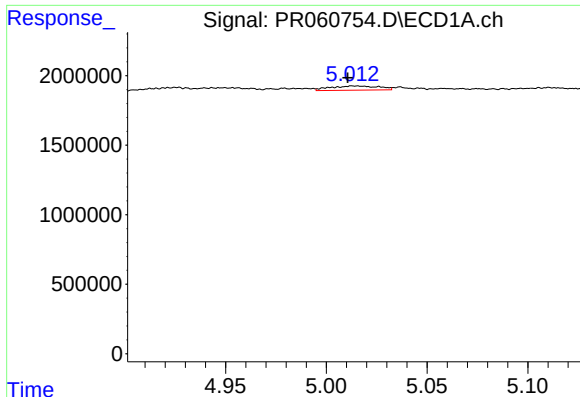
#4 AR-1016-2

R.T.: 4.954 min
Delta R.T.: 0.008 min
Response: 740460
Conc: 4.76 ng/ml



#4 AR-1016-2

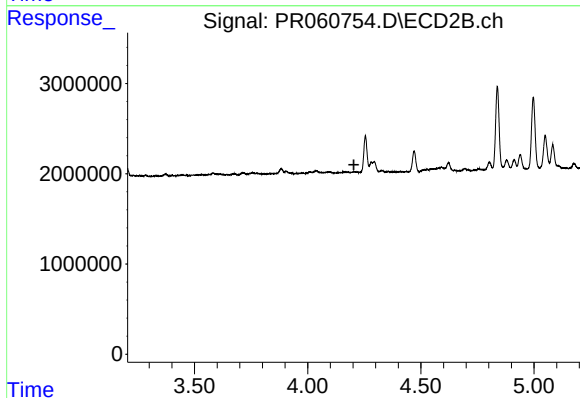
R.T.: 4.036 min
Delta R.T.: 0.009 min
Response: 516529
Conc: 2.44 ng/ml



#5 AR-1016-3

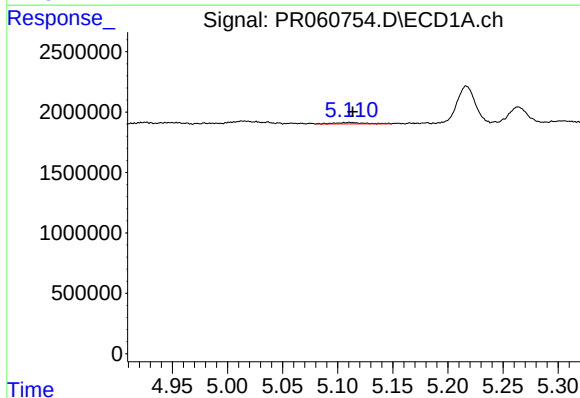
R.T.: 5.014 min
Delta R.T.: 0.003 min
Response: 507472
Conc: 5.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



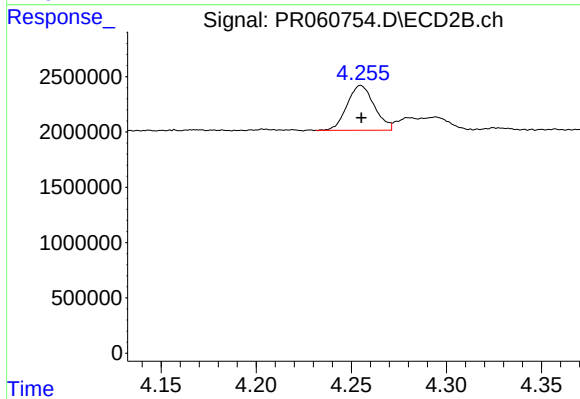
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



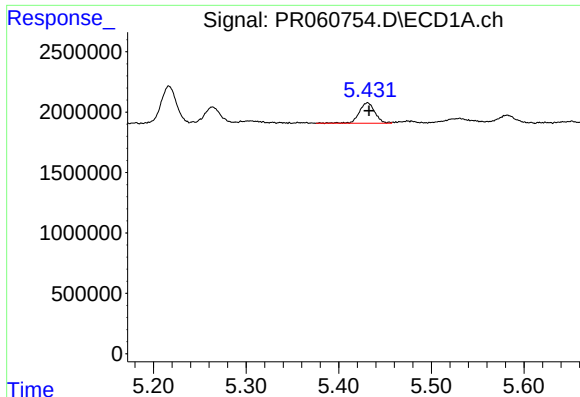
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 206247
Conc: 2.65 ng/ml



#6 AR-1016-4

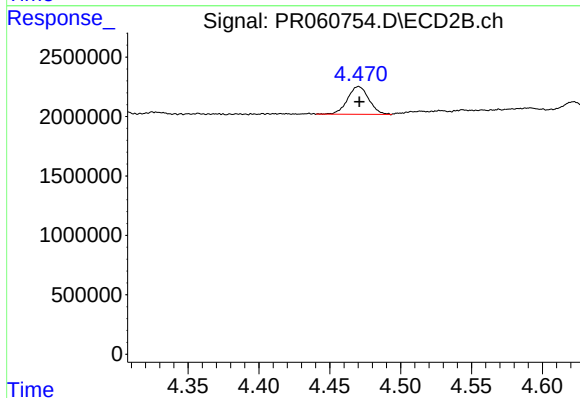
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 4039856
Conc: 47.26 ng/ml



#7 AR-1016-5

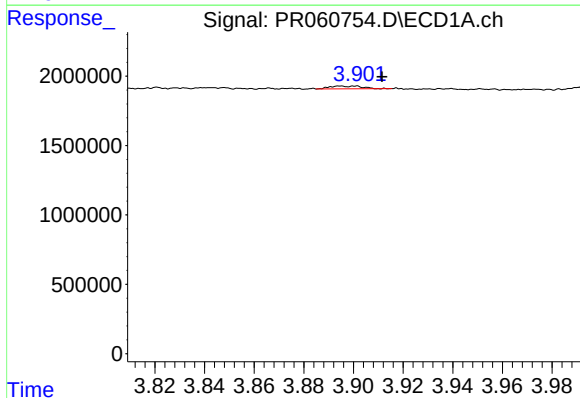
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 2010127
Conc: 25.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



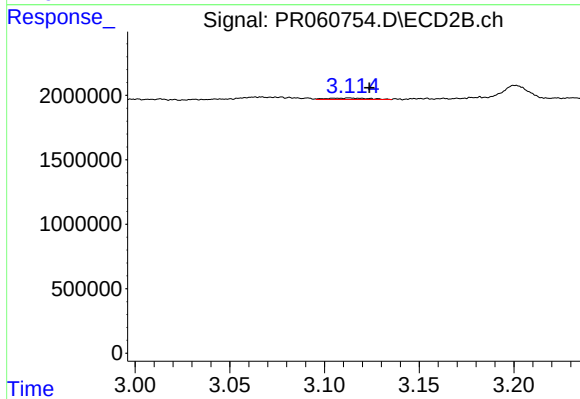
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2455254
Conc: 21.50 ng/ml



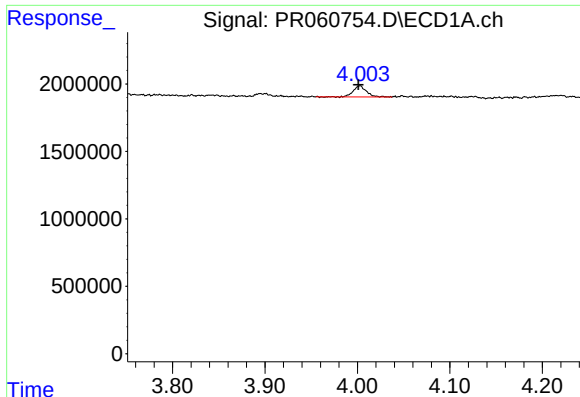
#8 AR-1221-1

R.T.: 3.895 min
Delta R.T.: -0.017 min
Response: 176990
Conc: 4.47 ng/ml



#8 AR-1221-1

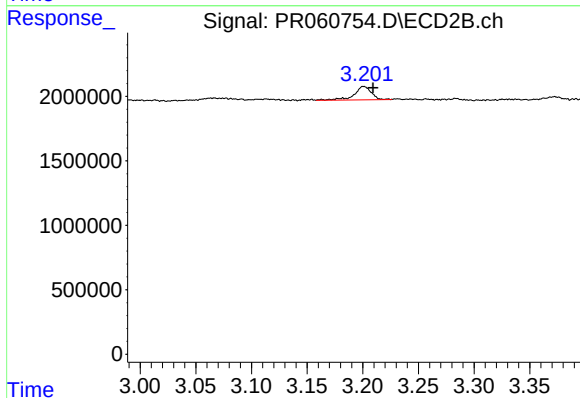
R.T.: 3.113 min
Delta R.T.: -0.010 min
Response: 172029
Conc: 3.62 ng/ml



#9 AR-1221-2

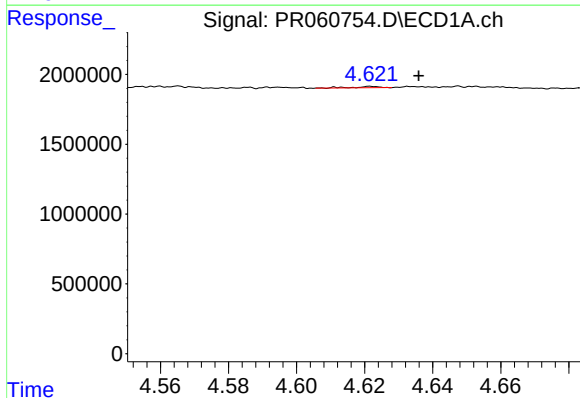
R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 798410
Conc: 27.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



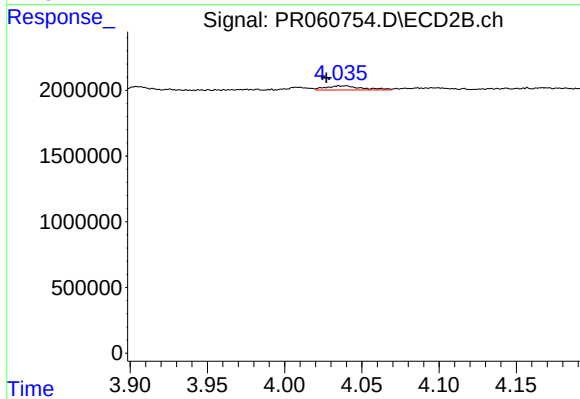
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.008 min
Response: 1107221
Conc: 31.21 ng/ml



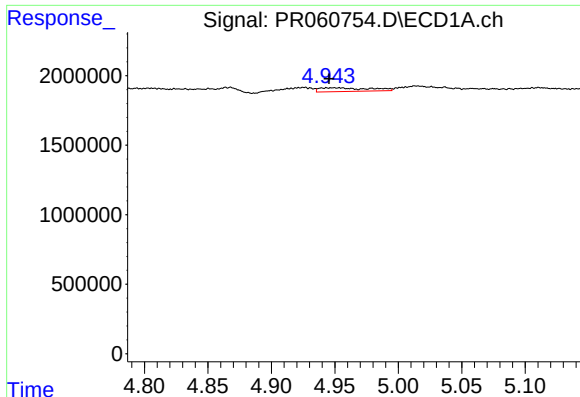
#12 AR-1232-2

R.T.: 4.622 min
Delta R.T.: -0.014 min
Response: 50572
Conc: 1.39 ng/ml



#12 AR-1232-2

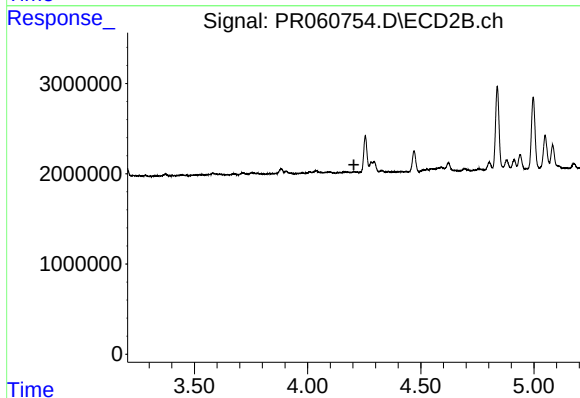
R.T.: 4.036 min
Delta R.T.: 0.009 min
Response: 516529
Conc: 5.65 ng/ml



#13 AR-1232-3

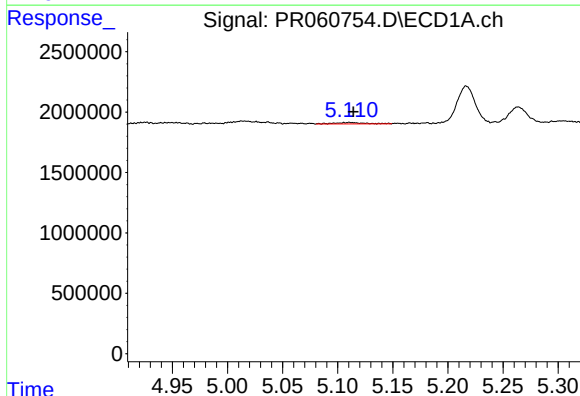
R.T.: 4.954 min
Delta R.T.: 0.008 min
Response: 740460
Conc: 10.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



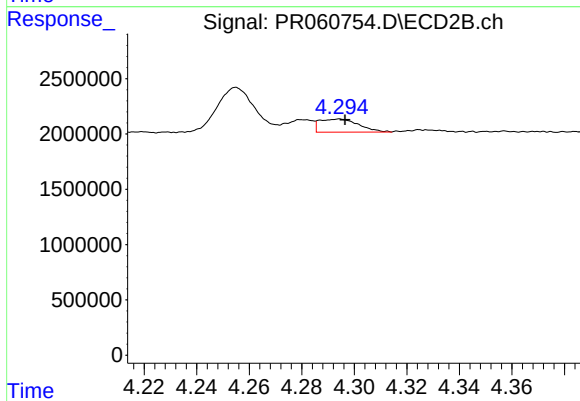
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.205 min
Response: 0
Conc: N.D.



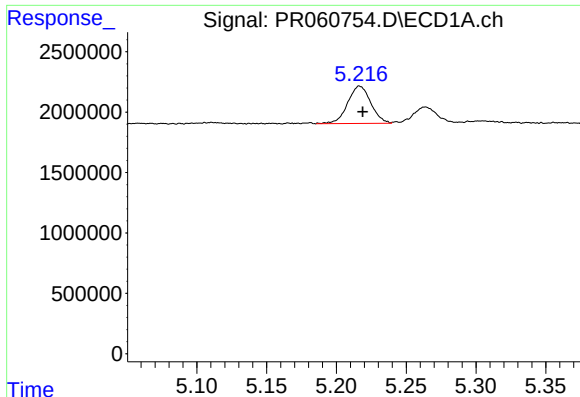
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 206247
Conc: 5.98 ng/ml



#14 AR-1232-4

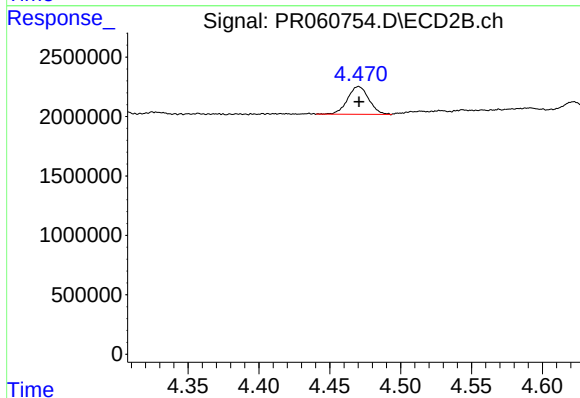
R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 1225961
Conc: 30.03 ng/ml



#15 AR-1232-5

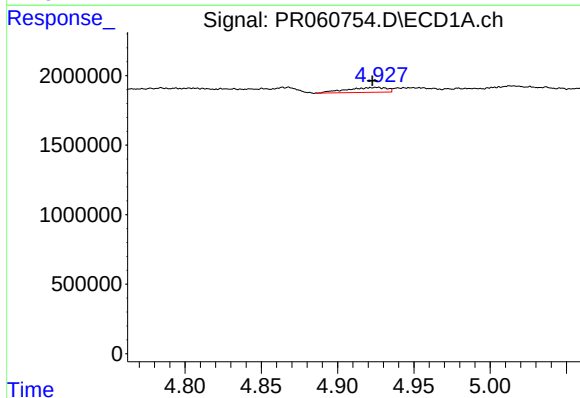
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 3565743
Conc: 136.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



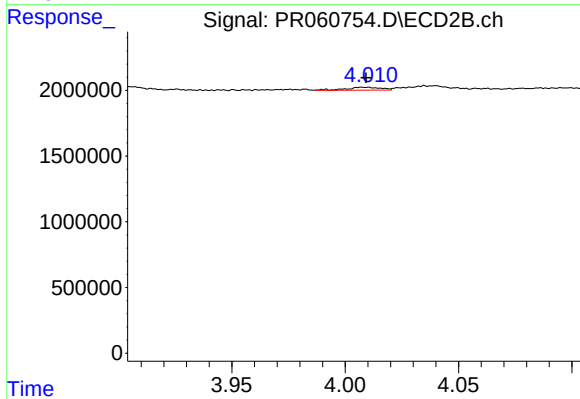
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2455254
Conc: 52.25 ng/ml



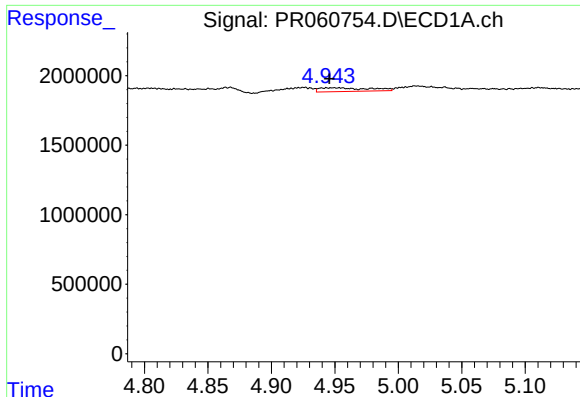
#16 AR-1242-1

R.T.: 4.926 min
Delta R.T.: 0.003 min
Response: 649939
Conc: 7.37 ng/ml



#16 AR-1242-1

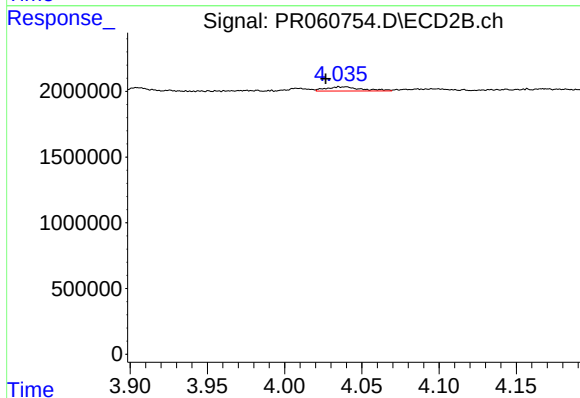
R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 233338
Conc: 2.01 ng/ml



#17 AR-1242-2

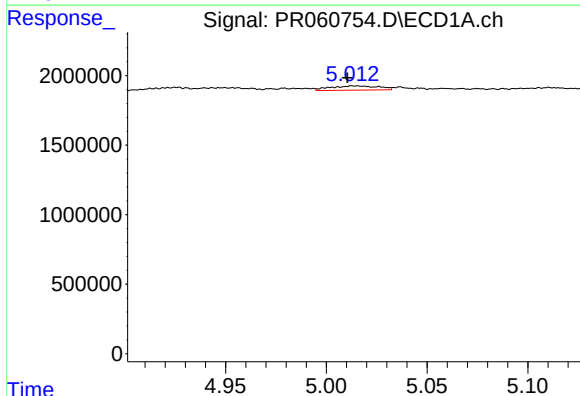
R.T.: 4.954 min
Delta R.T.: 0.008 min
Response: 740460
Conc: 5.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



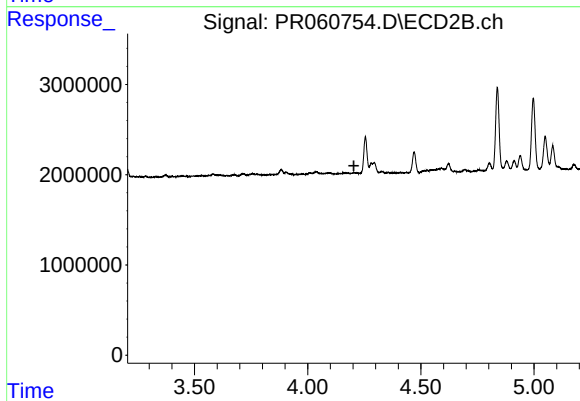
#17 AR-1242-2

R.T.: 4.036 min
Delta R.T.: 0.009 min
Response: 516529
Conc: 3.10 ng/ml



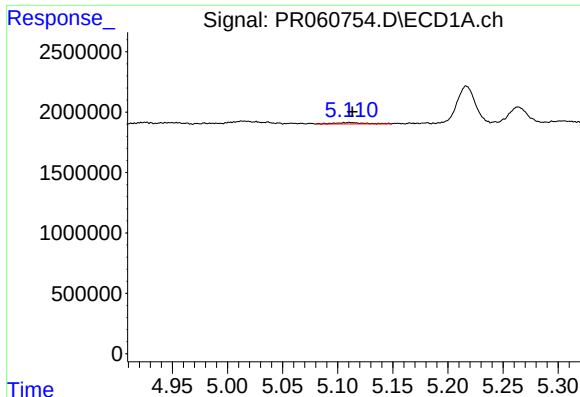
#18 AR-1242-3

R.T.: 5.014 min
Delta R.T.: 0.004 min
Response: 507472
Conc: 6.50 ng/ml



#18 AR-1242-3

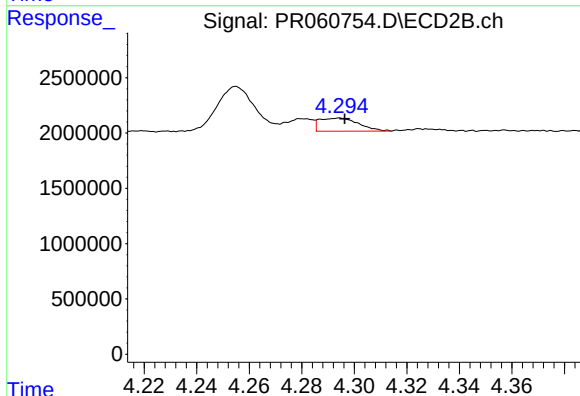
R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



#19 AR-1242-4

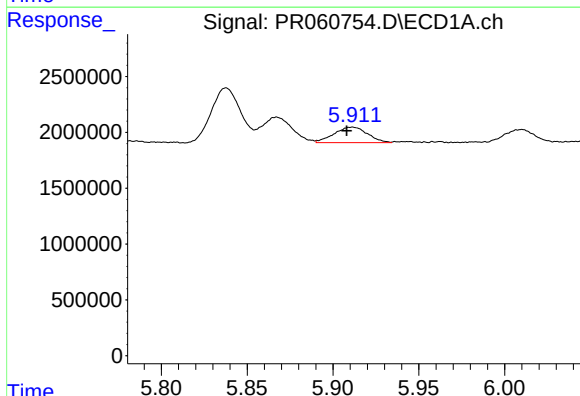
R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 206247
Conc: 3.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



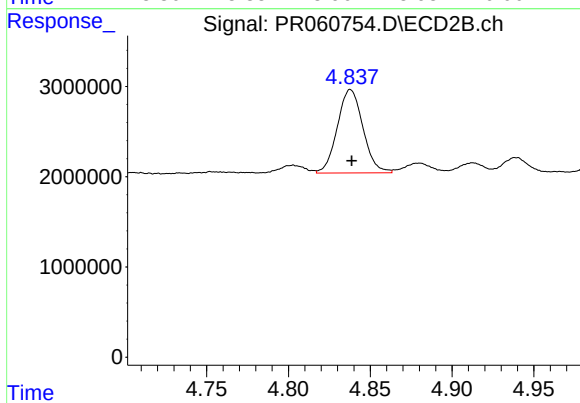
#19 AR-1242-4

R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 1225961
Conc: 15.16 ng/ml



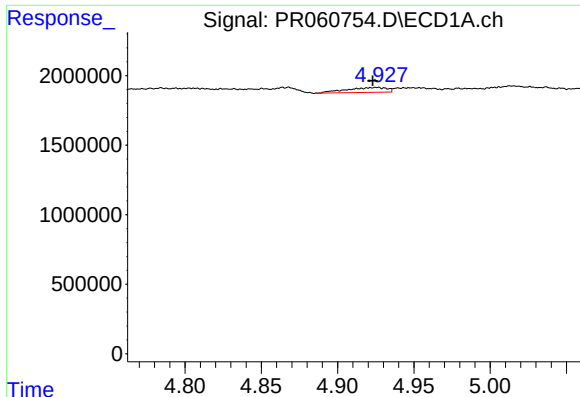
#20 AR-1242-5

R.T.: 5.911 min
Delta R.T.: 0.003 min
Response: 1883902
Conc: 27.21 ng/ml



#20 AR-1242-5

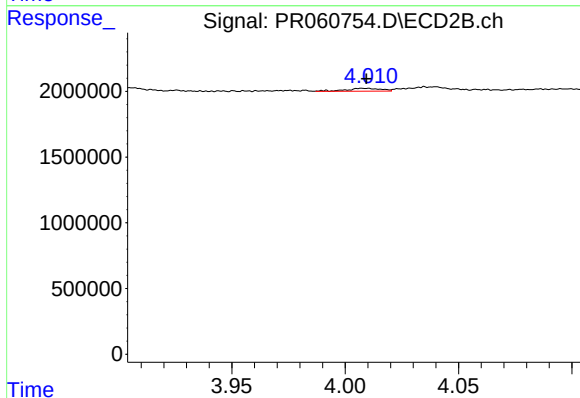
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 10062886
Conc: 93.41 ng/ml



#21 AR-1248-1

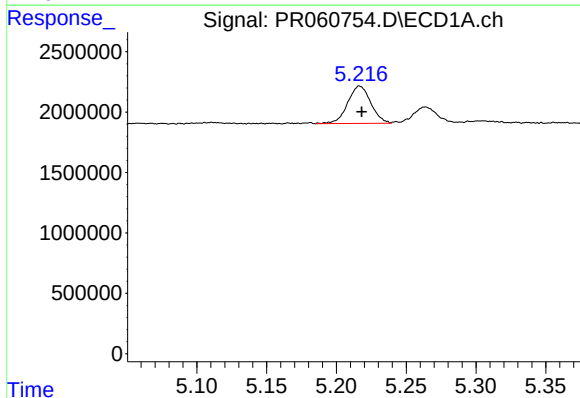
R.T.: 4.926 min
Delta R.T.: 0.003 min
Response: 649939
Conc: 9.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



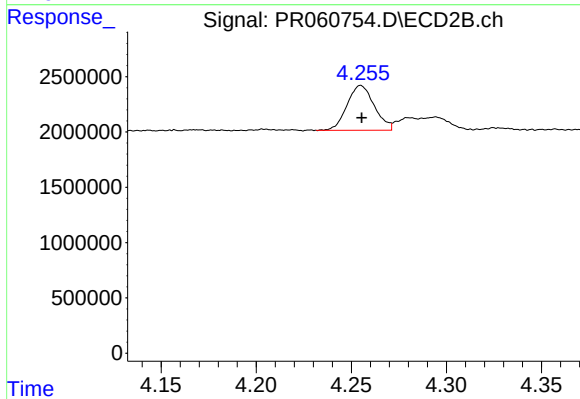
#21 AR-1248-1

R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 233338
Conc: 2.71 ng/ml



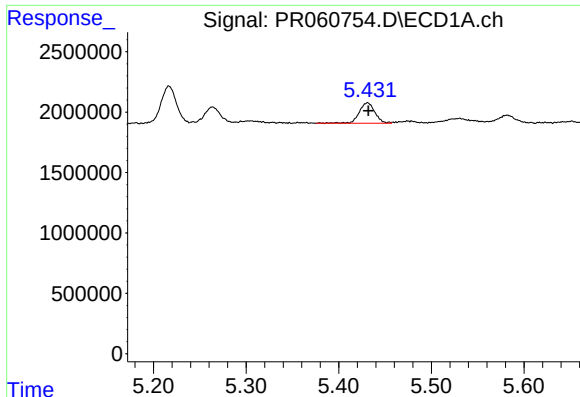
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 3565743
Conc: 40.16 ng/ml



#22 AR-1248-2

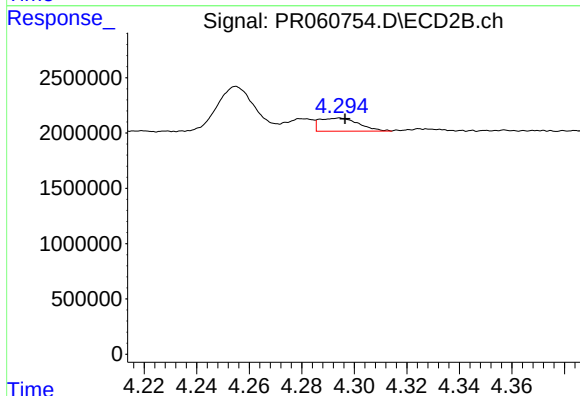
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 4039856
Conc: 33.60 ng/ml



#23 AR-1248-3

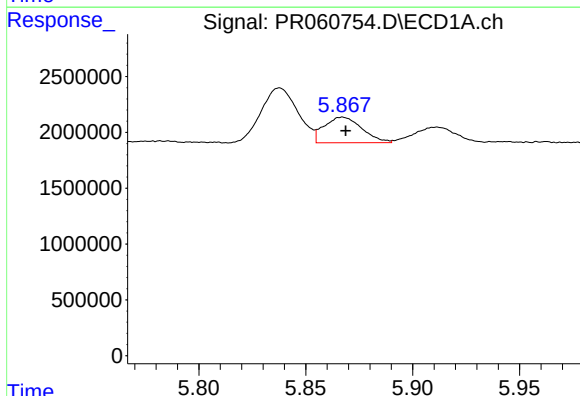
R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 2010127
Conc: 19.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



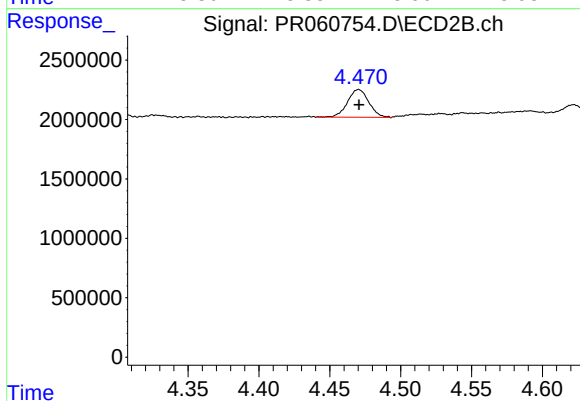
#23 AR-1248-3

R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 1225961
Conc: 10.06 ng/ml



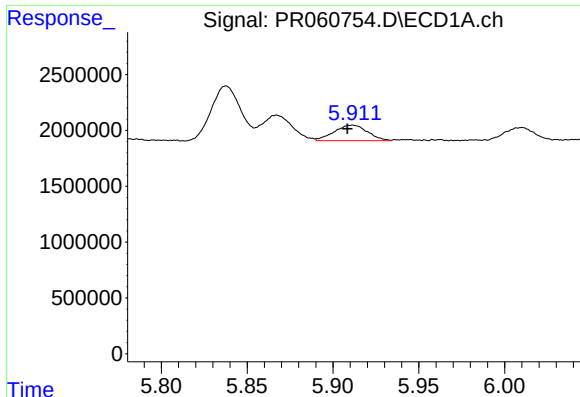
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 2816543
Conc: 23.43 ng/ml



#24 AR-1248-4

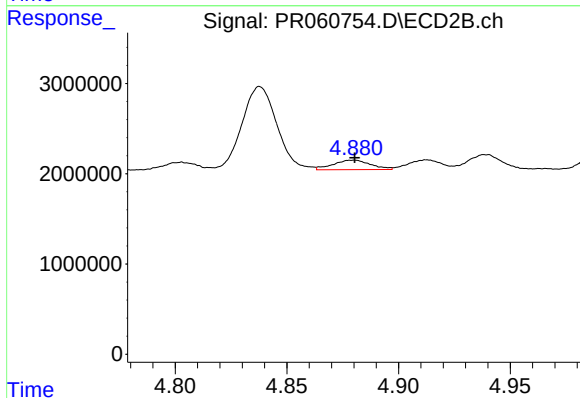
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2455254
Conc: 16.27 ng/ml



#25 AR-1248-5

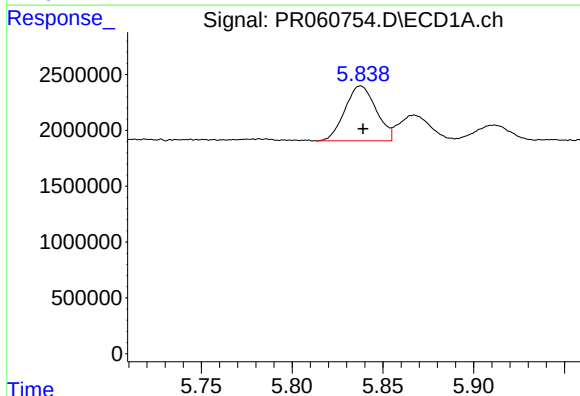
R.T.: 5.911 min
Delta R.T.: 0.003 min
Response: 1883902
Conc: 15.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



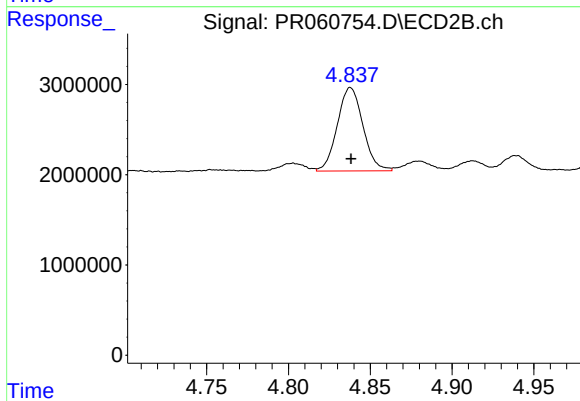
#25 AR-1248-5

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 1233743
Conc: 8.03 ng/ml



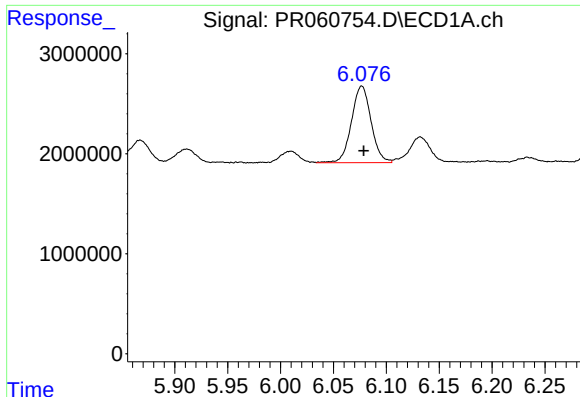
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: -0.001 min
Response: 5872266
Conc: 48.76 ng/ml



#26 AR-1254-1

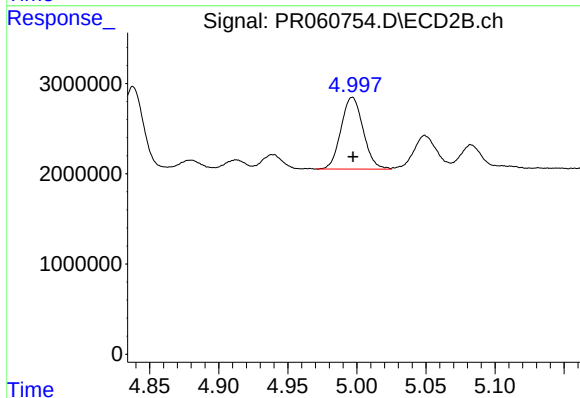
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 10062886
Conc: 41.62 ng/ml



#27 AR-1254-2

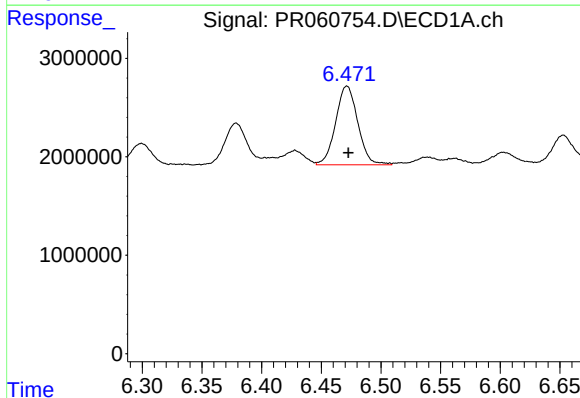
R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 9893271
Conc: 51.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



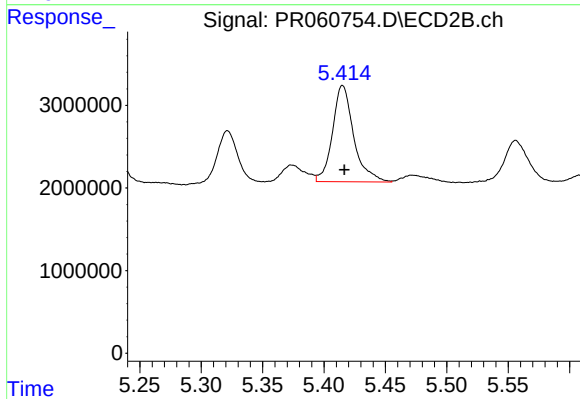
#27 AR-1254-2

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 8895692
Conc: 42.58 ng/ml



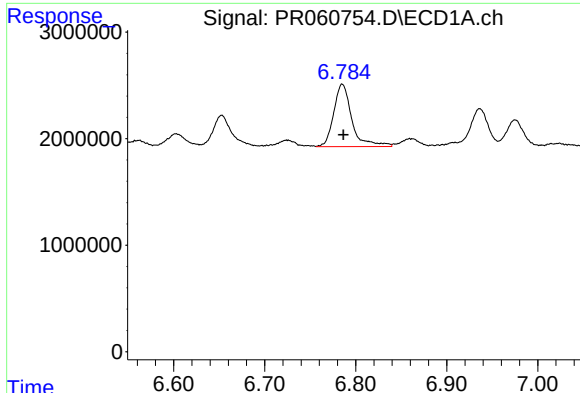
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 10322168
Conc: 50.30 ng/ml



#28 AR-1254-3

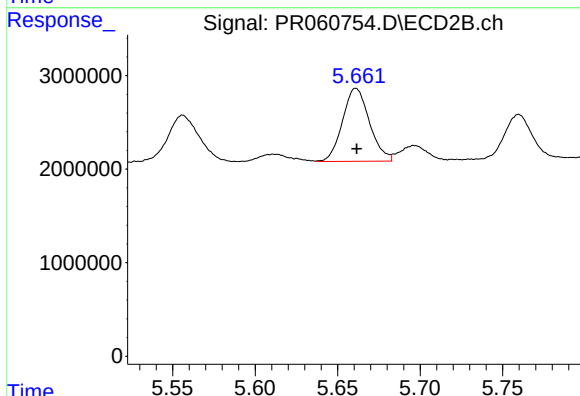
R.T.: 5.415 min
Delta R.T.: -0.001 min
Response: 14056557
Conc: 40.39 ng/ml



#29 AR-1254-4

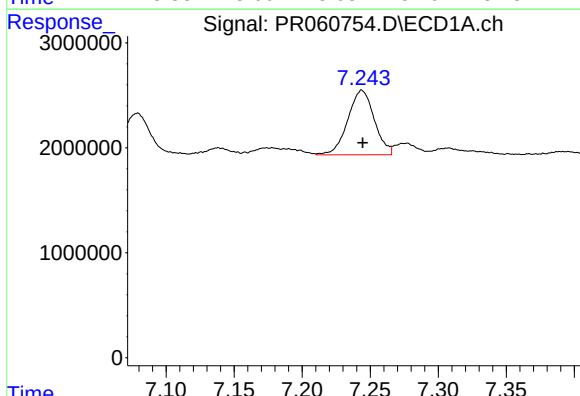
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 8160701
Conc: 52.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



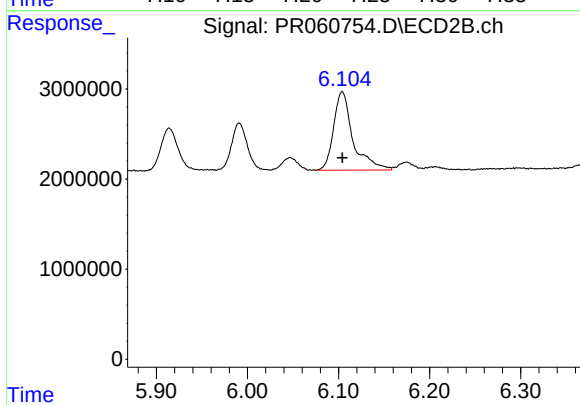
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 8891761
Conc: 40.33 ng/ml



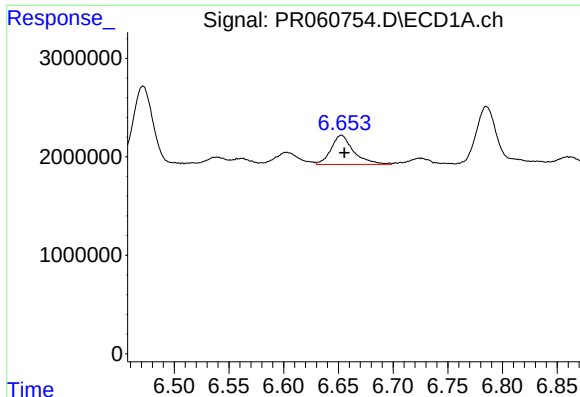
#30 AR-1254-5

R.T.: 7.244 min
Delta R.T.: 0.000 min
Response: 8343033
Conc: 49.59 ng/ml



#30 AR-1254-5

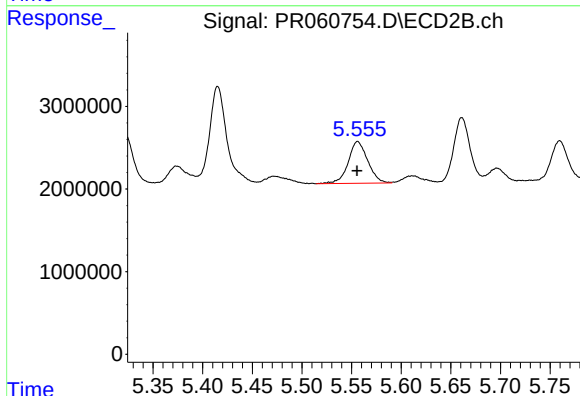
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 12910339
Conc: 40.28 ng/ml



#31 AR-1260-1

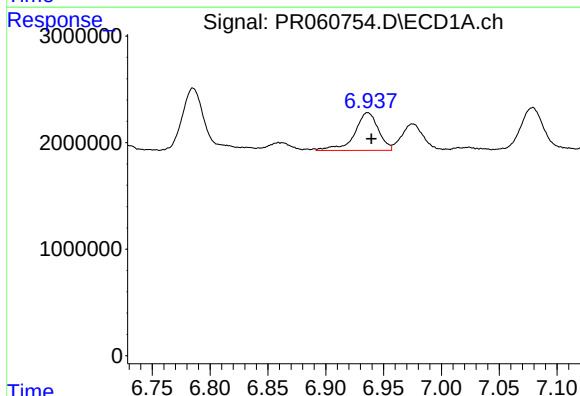
R.T.: 6.653 min
Delta R.T.: -0.003 min
Response: 4282890
Conc: 26.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



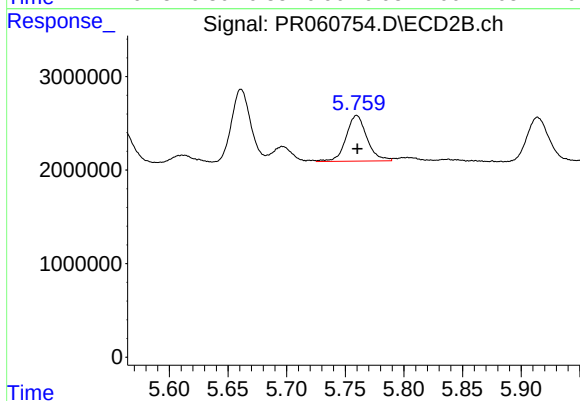
#31 AR-1260-1

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 6904719
Conc: 28.17 ng/ml



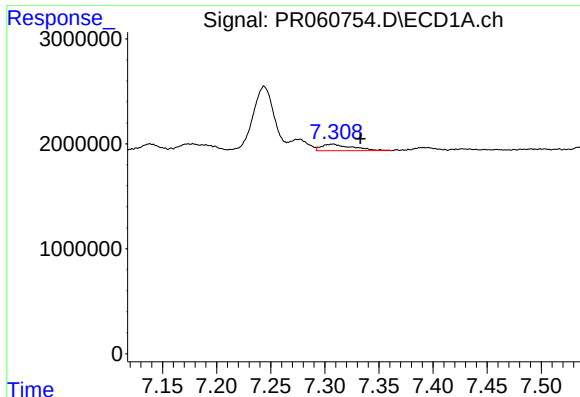
#32 AR-1260-2

R.T.: 6.936 min
Delta R.T.: -0.003 min
Response: 5074702
Conc: 26.30 ng/ml



#32 AR-1260-2

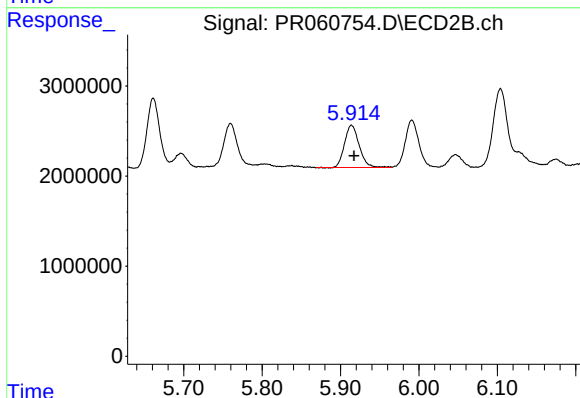
R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 6031152
Conc: 19.41 ng/ml



#33 AR-1260-3

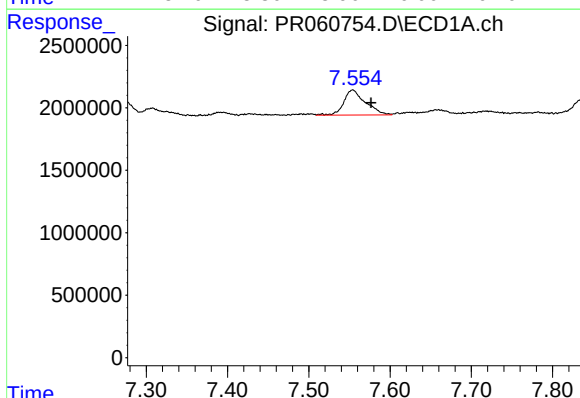
R.T.: 7.308 min
Delta R.T.: -0.025 min
Response: 1223761
Conc: 8.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



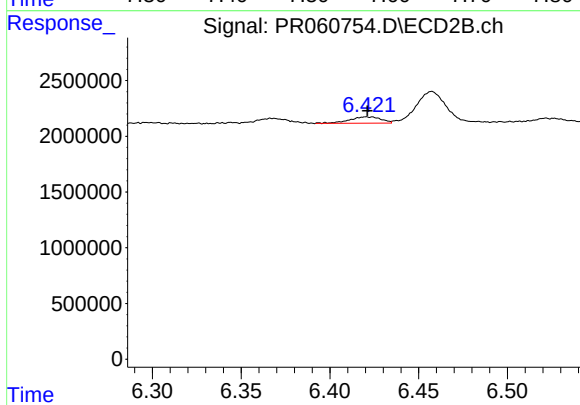
#33 AR-1260-3

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 6074390
Conc: 21.64 ng/ml



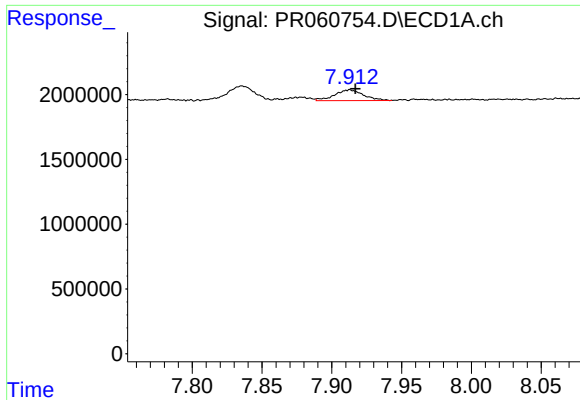
#34 AR-1260-4

R.T.: 7.554 min
Delta R.T.: -0.023 min
Response: 3729946
Conc: 22.81 ng/ml



#34 AR-1260-4

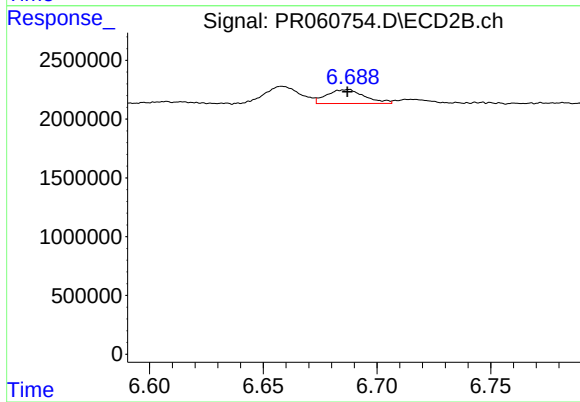
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 692450
Conc: 2.88 ng/ml



#35 AR-1260-5

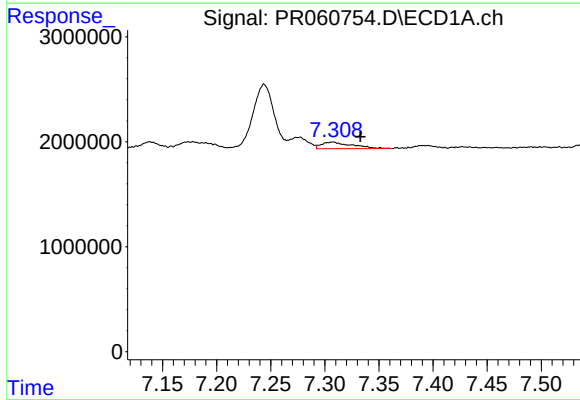
R.T.: 7.913 min
Delta R.T.: -0.004 min
Response: 1194506
Conc: 3.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



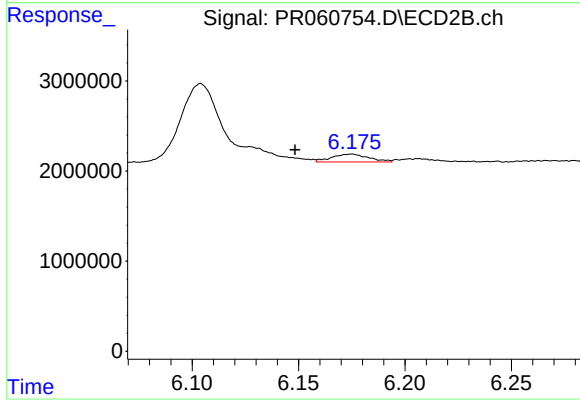
#35 AR-1260-5

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 1383911
Conc: 2.38 ng/ml



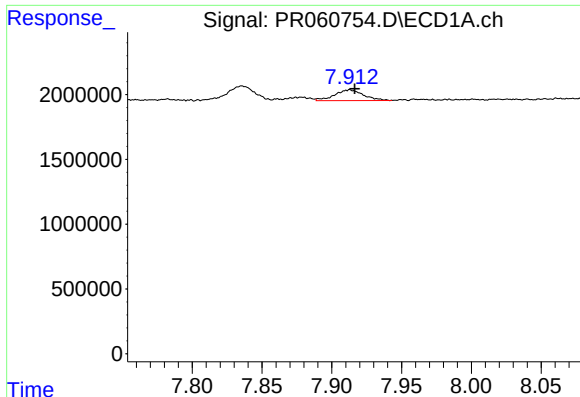
#36 AR-1262-1

R.T.: 7.308 min
Delta R.T.: -0.025 min
Response: 1223761
Conc: 6.47 ng/ml



#36 AR-1262-1

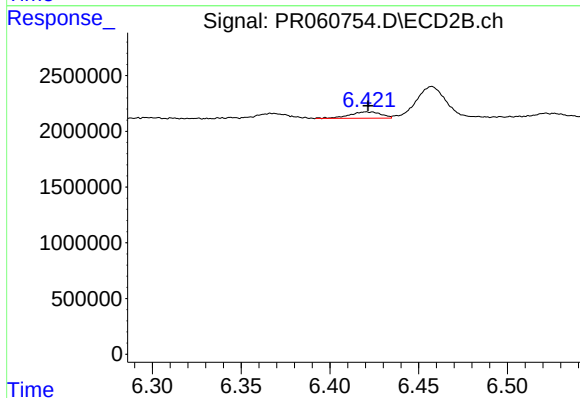
R.T.: 6.175 min
Delta R.T.: 0.026 min
Response: 1056811
Conc: 3.35 ng/ml



#37 AR-1262-2

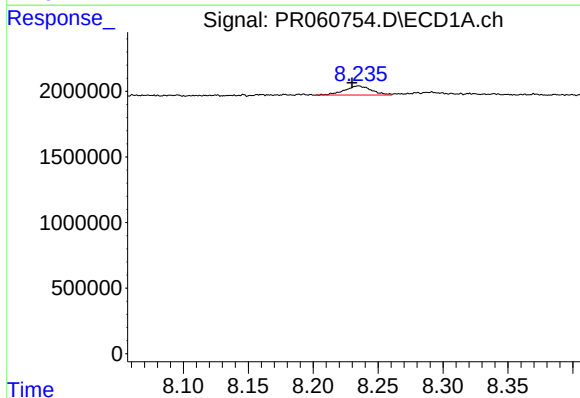
R.T.: 7.913 min
Delta R.T.: -0.004 min
Response: 1194506
Conc: 3.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



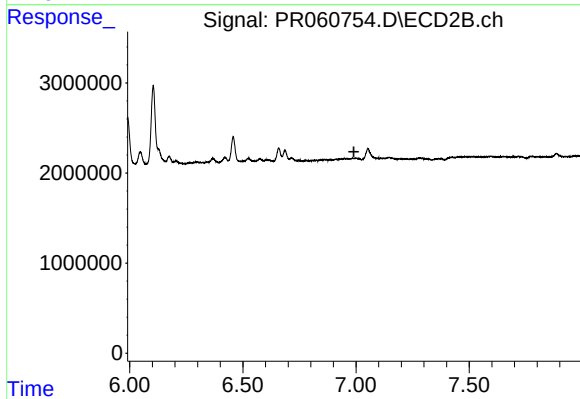
#37 AR-1262-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 692450
Conc: 2.40 ng/ml



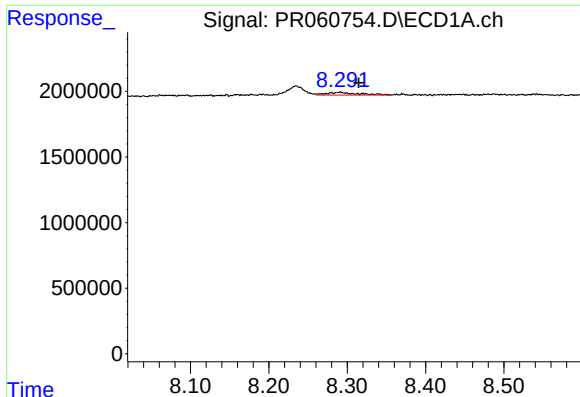
#38 AR-1262-3

R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 1012792
Conc: 4.40 ng/ml



#38 AR-1262-3

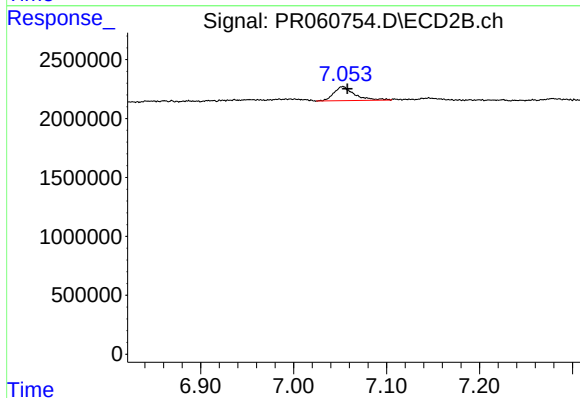
R.T.: 0.000 min
Exp R.T. : 6.991 min
Response: 0
Conc: N.D.



#39 AR-1262-4

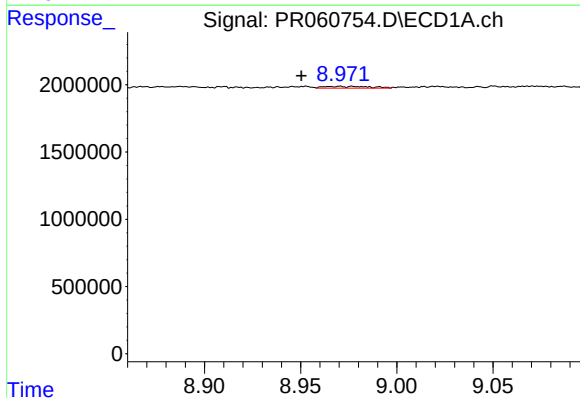
R.T.: 8.291 min
Delta R.T.: -0.023 min
Response: 591760
Conc: 3.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



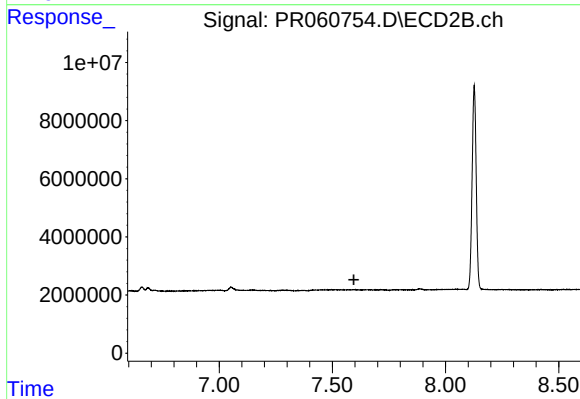
#39 AR-1262-4

R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 1852513
Conc: 4.31 ng/ml



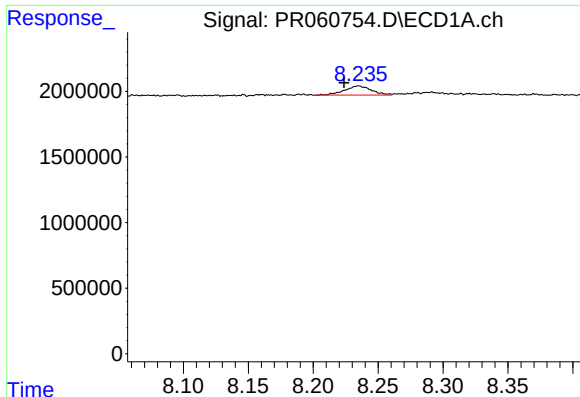
#40 AR-1262-5

R.T.: 8.970 min
Delta R.T.: 0.020 min
Response: 218684
Conc: 1.75 ng/ml



#40 AR-1262-5

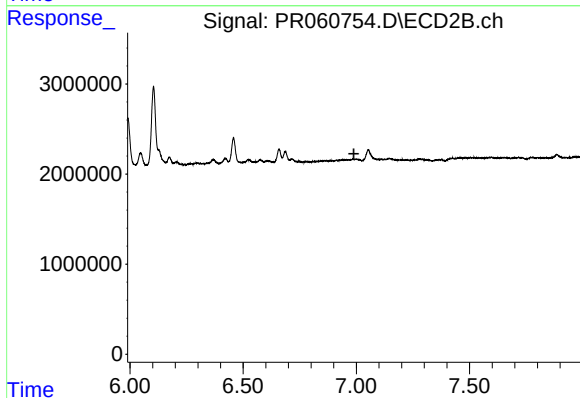
R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



#41 AR-1268-1

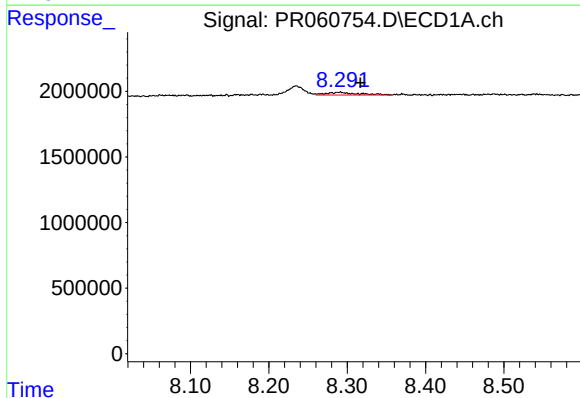
R.T.: 8.235 min
Delta R.T.: 0.011 min
Response: 1012792
Conc: 2.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



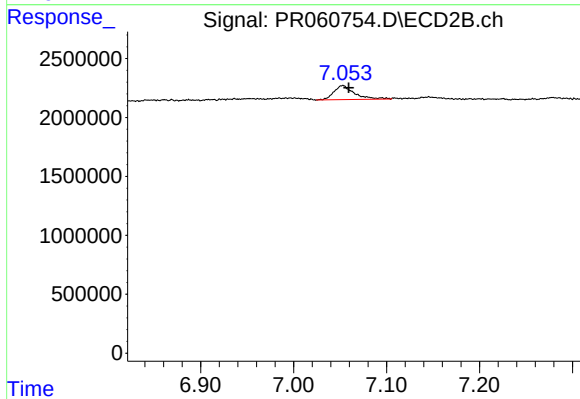
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 6.989 min
Response: 0
Conc: N.D.



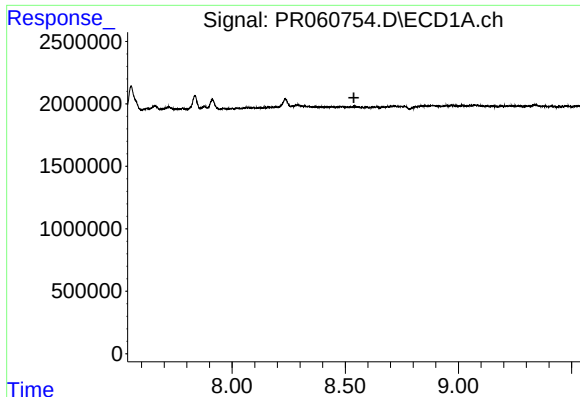
#42 AR-1268-2

R.T.: 8.291 min
Delta R.T.: -0.025 min
Response: 591760
Conc: 1.57 ng/ml



#42 AR-1268-2

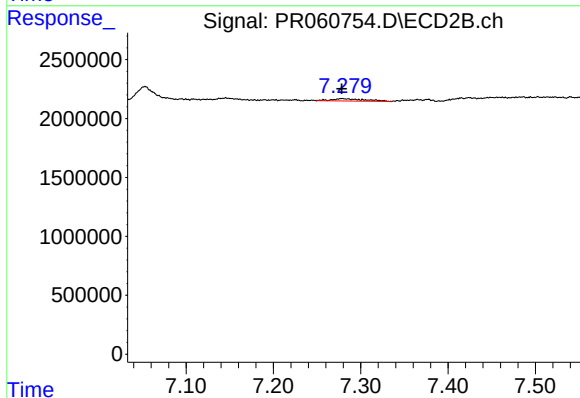
R.T.: 7.053 min
Delta R.T.: -0.006 min
Response: 1852513
Conc: 2.77 ng/ml



#43 AR-1268-3

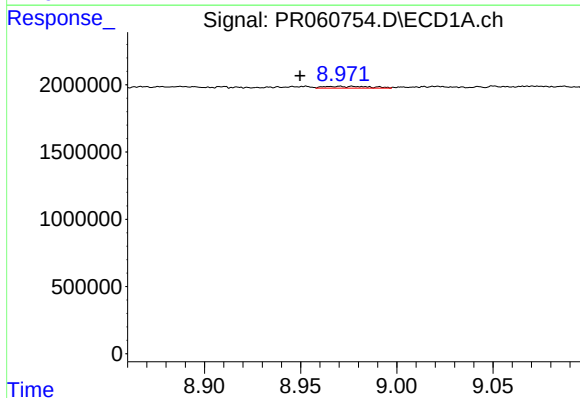
R.T.: 0.000 min
Exp R.T.: 8.538 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



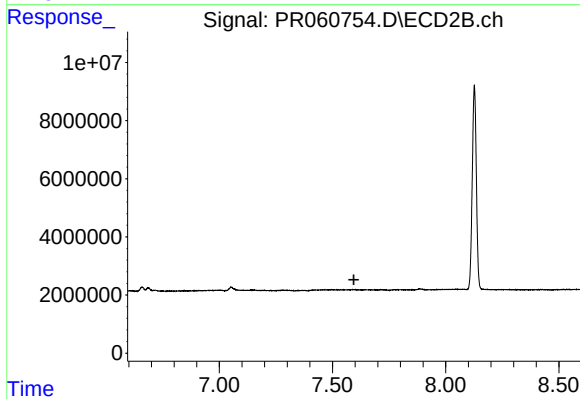
#43 AR-1268-3

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 503003
Conc: 0.88 ng/ml



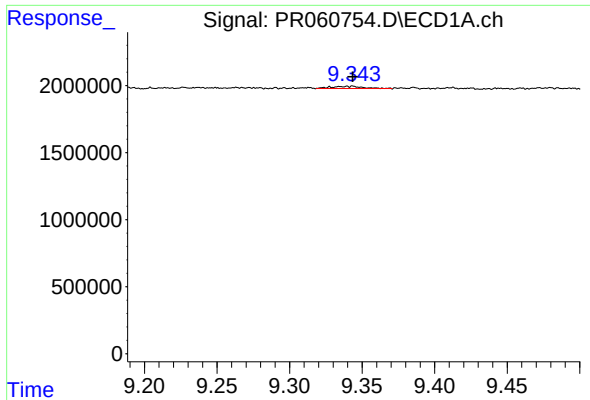
#44 AR-1268-4

R.T.: 8.970 min
Delta R.T.: 0.021 min
Response: 218684
Conc: 1.52 ng/ml



#44 AR-1268-4

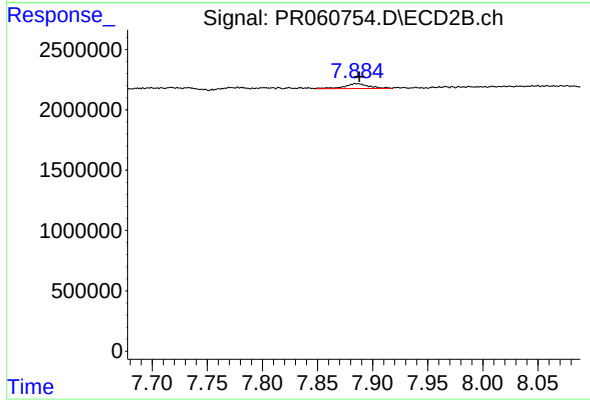
R.T.: 0.000 min
Exp R.T.: 7.595 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 243129
Conc: 0.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 618602
Conc: 0.33 ng/ml