

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
 Data File : PR055689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 01:30
 Operator : AJ\MA
 Sample : N3980-01
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 04:03:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 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...	3.635	2.906	82996728	40035702	19.451	19.940
2) SA Decachlor...	9.525	8.121	37704340	37436227	21.205	20.580
Target Compounds						
3) L1 AR-1016-1	4.855	4.011	283038	46634	2.444	0.720 #
4) L1 AR-1016-2	4.882	4.011f	434094	46634	2.645	0.511 #
5) L1 AR-1016-3	4.944	0.000	336024	0	3.398	N.D. #
6) L1 AR-1016-4	0.000	4.259	0	1640586	N.D.	43.182 #
7) L1 AR-1016-5	5.359	4.474	1821925	940284	25.199	19.061
9) L2 AR-1221-2	3.946	3.206	1177463	767539	32.501	44.765 #
12) L3 AR-1232-2	4.559	4.011f	365986	46634	8.527	1.160 #
13) L3 AR-1232-3	4.882	0.000	434094	0	5.932	N.D. #
14) L3 AR-1232-4	0.000	4.299	0	465229	N.D.	25.339 #
15) L3 AR-1232-5	5.148	4.474	3186563	940284	127.721	45.473 #
16) L4 AR-1242-1	4.855	4.011	283038	46634	3.009	0.870 #
17) L4 AR-1242-2	4.882	4.011f	434094	46634	3.204	0.623 #
18) L4 AR-1242-3	4.944	0.000	336024	0	4.218	N.D. #
19) L4 AR-1242-4	0.000	4.299	0	465229	N.D.	12.359 #
20) L4 AR-1242-5	5.835	4.841	1480030	3997359	25.699	80.750 #
21) L5 AR-1248-1	4.855	4.011	283038	46634	3.894	1.146 #
22) L5 AR-1248-2	5.148	4.259	3186563	1640586	35.838	29.642
23) L5 AR-1248-3	5.359	4.299	1821925	465229	18.309	8.273 #
24) L5 AR-1248-4	5.792	4.474	2123584	940284	21.730	13.856 #
25) L5 AR-1248-5	5.835	4.884	1480030	579545	15.160	8.126 #
26) L6 AR-1254-1	5.763	4.841	4599746	3997359	44.912	36.584
27) L6 AR-1254-2	6.000	4.999	6587937	3512840	44.816	36.278
28) L6 AR-1254-3	6.392	5.417	6499386	5683116	44.362	37.310
29) L6 AR-1254-4	6.704	5.662	4544920	3654961	43.841	37.093
30) L6 AR-1254-5	7.159	6.104	5749032	4854021	53.020	35.827 #
31) L7 AR-1260-1	6.572	5.557	2640931	2784908	24.394	27.640
32) L7 AR-1260-2	6.854	5.760	2744908	2352566	22.184	19.242
33) L7 AR-1260-3	7.221f	5.915	803981	2361061	8.907	20.877 #
34) L7 AR-1260-4	7.468f	6.417	1975230	325311	19.239	3.399 #
35) L7 AR-1260-5	7.826	6.684	814155	528130	4.188	2.352 #
36) L8 AR-1262-1	7.221f	6.174f	803981	278246	6.467	2.069 #
37) L8 AR-1262-2	7.826	6.417	814155	325311	3.815	2.666 #
38) L8 AR-1262-3	8.140	6.986	800312	377382	5.428	3.921 #
39) L8 AR-1262-4	8.205	7.049	445777	817804	7.094	4.495 #
40) L8 AR-1262-5	0.000	7.594	0	272313	N.D.	3.178 #
41) L9 AR-1268-1	8.140	6.986	800312	377382	3.210	1.342 #
42) L9 AR-1268-2	8.205f	7.049	445777	817804	1.952	3.197 #
43) L9 AR-1268-3	8.440	7.276	726497	371515	3.773	1.726 #
44) L9 AR-1268-4	0.000	7.594	0	272313	N.D.	2.866 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.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
45) L9	AR-1268-5	9.218	7.883	702256	847276	1.149	1.243

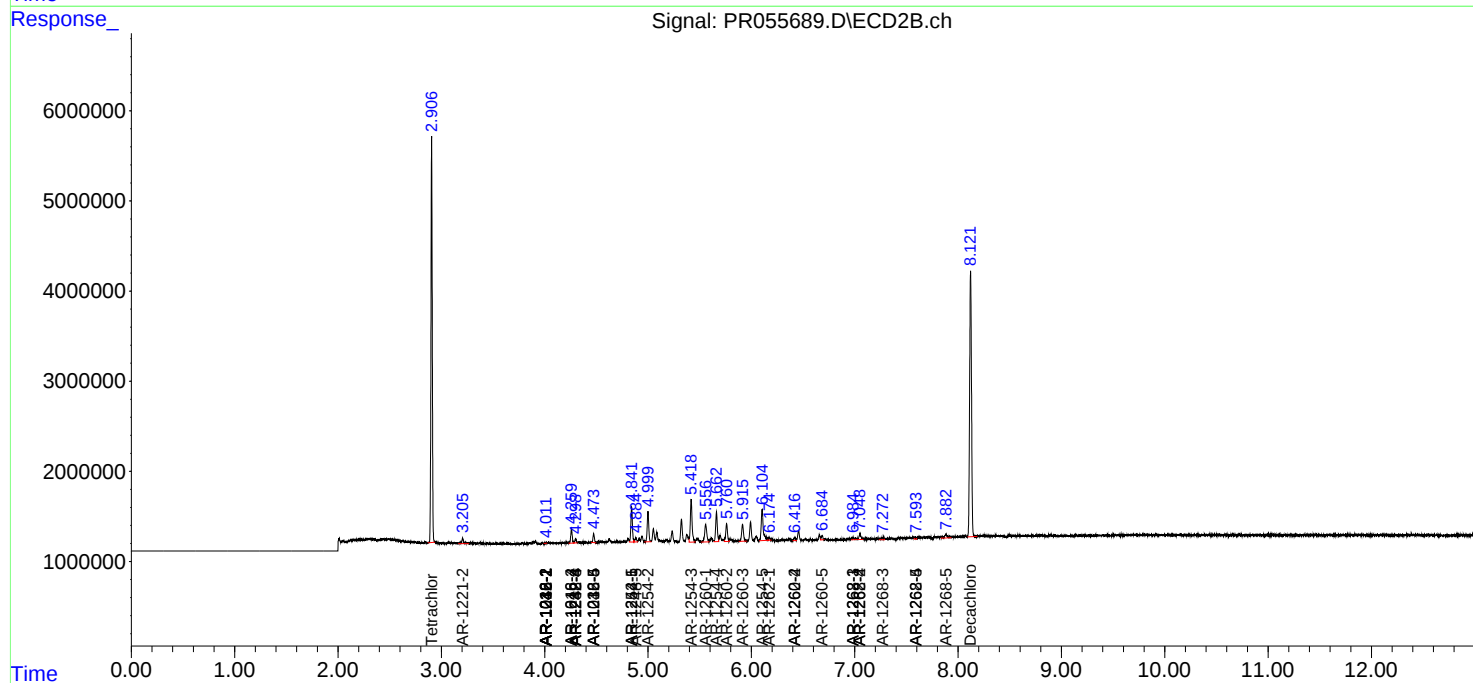
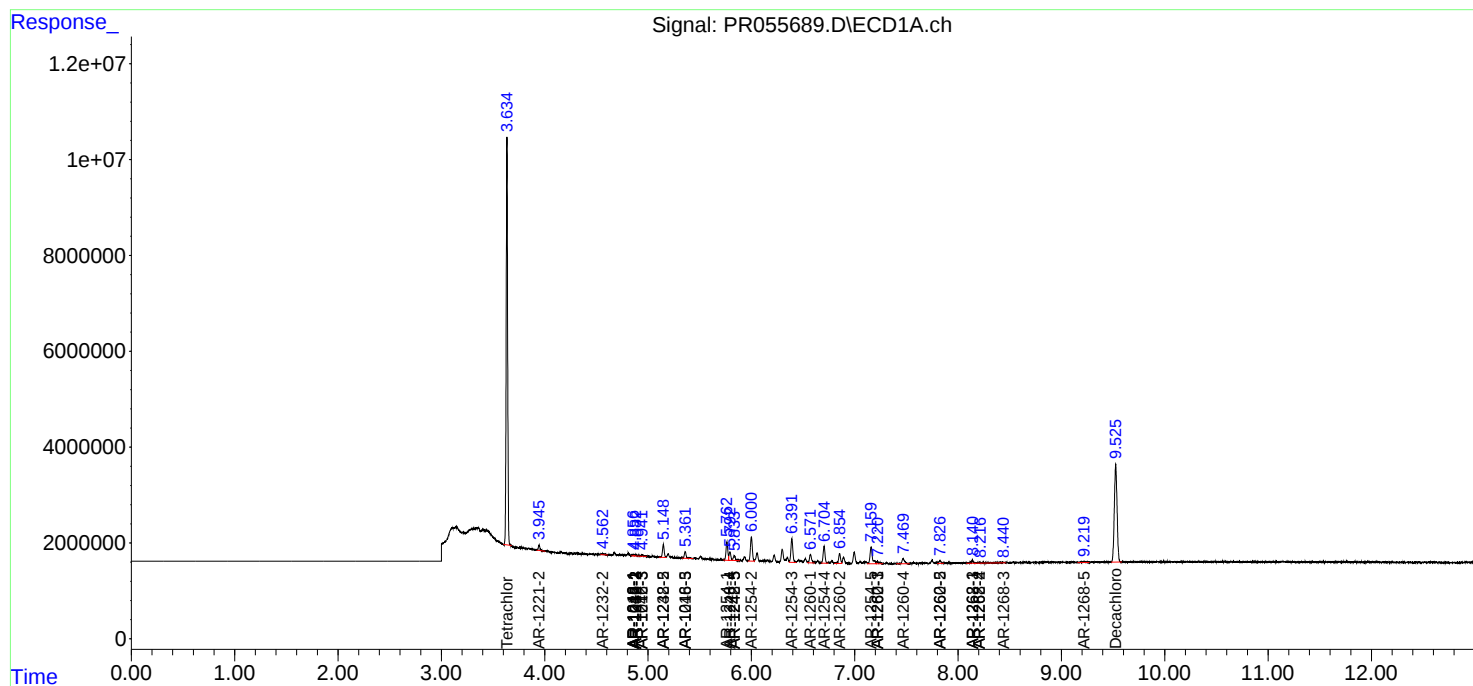
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

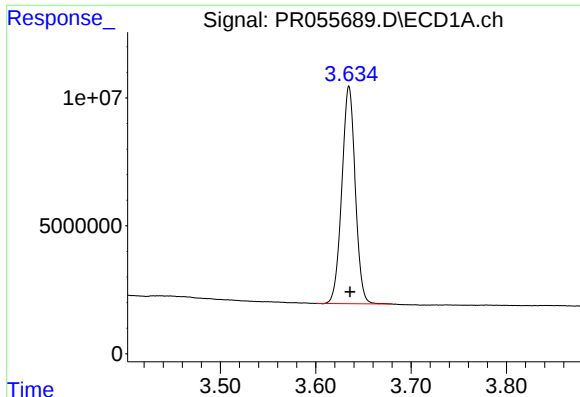
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080622\
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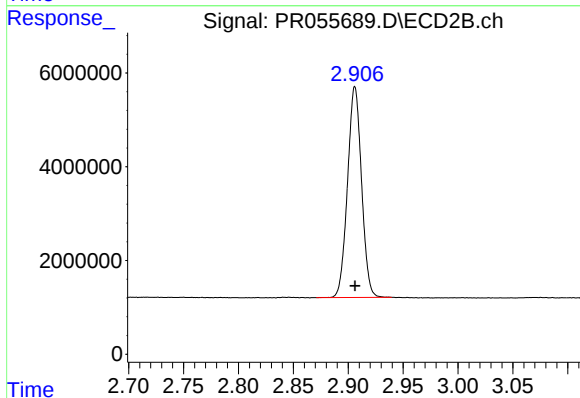




#1 Tetrachloro-m-xylene

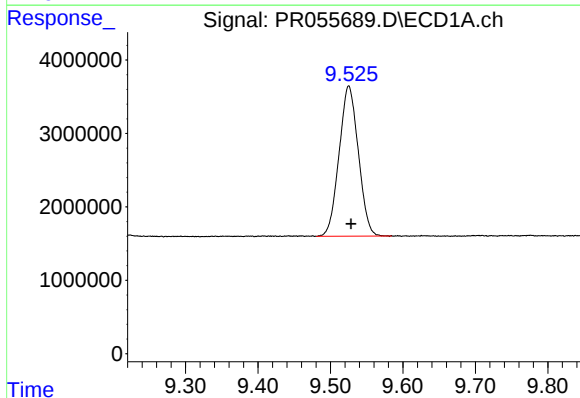
R.T.: 3.635 min
Delta R.T.: -0.001 min
Response: 82996728
Conc: 19.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



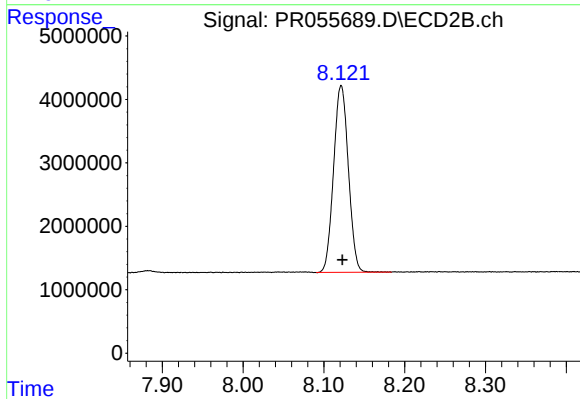
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 40035702
Conc: 19.94 ng/ml



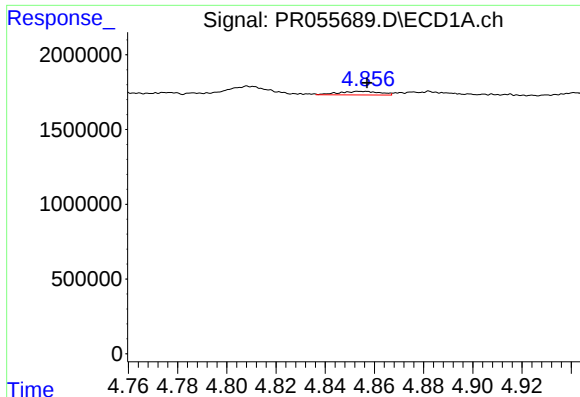
#2 Decachlorobiphenyl

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 37704340
Conc: 21.21 ng/ml



#2 Decachlorobiphenyl

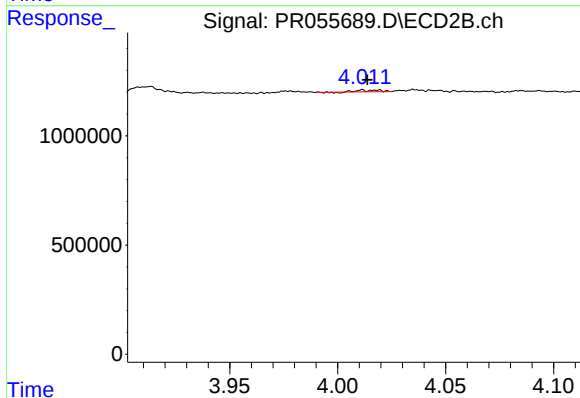
R.T.: 8.121 min
Delta R.T.: -0.001 min
Response: 37436227
Conc: 20.58 ng/ml



#3 AR-1016-1

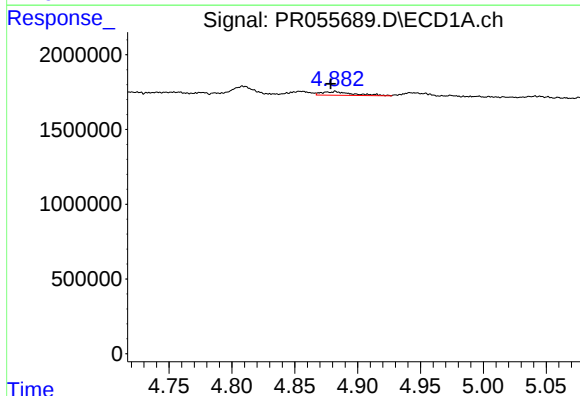
R.T.: 4.855 min
Delta R.T.: -0.002 min
Response: 283038
Conc: 2.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



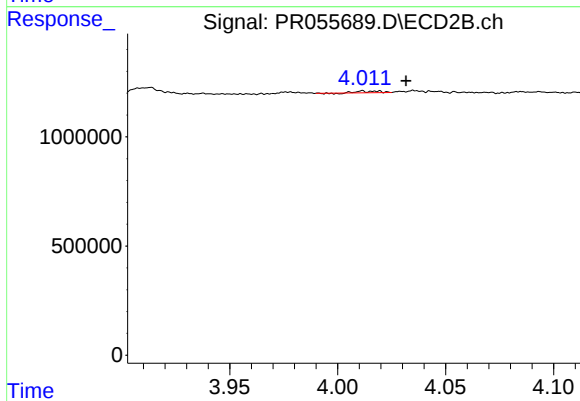
#3 AR-1016-1

R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 46634
Conc: 0.72 ng/ml



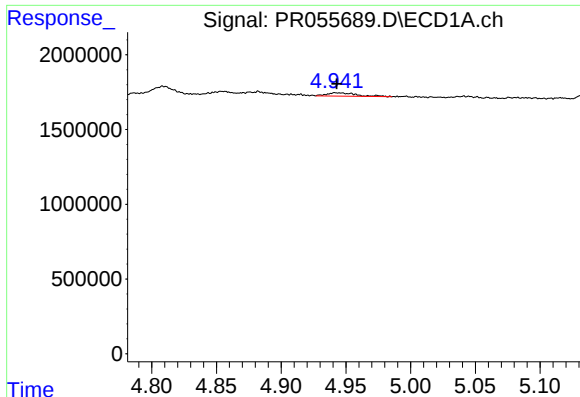
#4 AR-1016-2

R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 434094
Conc: 2.65 ng/ml



#4 AR-1016-2

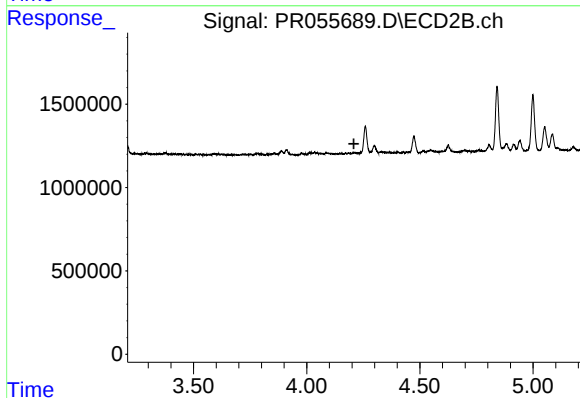
R.T.: 4.011 min
Delta R.T.: -0.020 min
Response: 46634
Conc: 0.51 ng/ml



#5 AR-1016-3

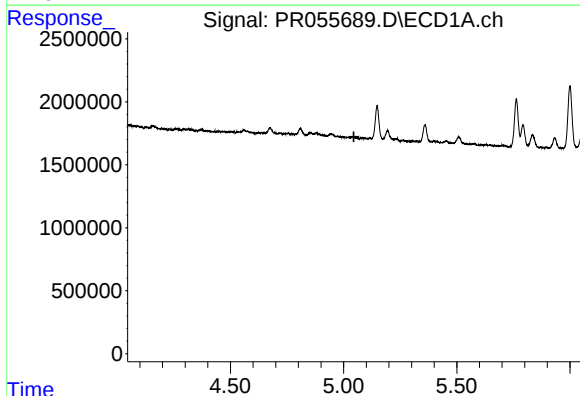
R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 336024
Conc: 3.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



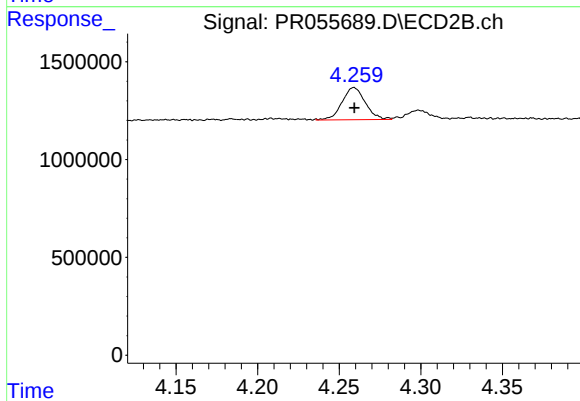
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.208 min
Response: 0
Conc: N.D.



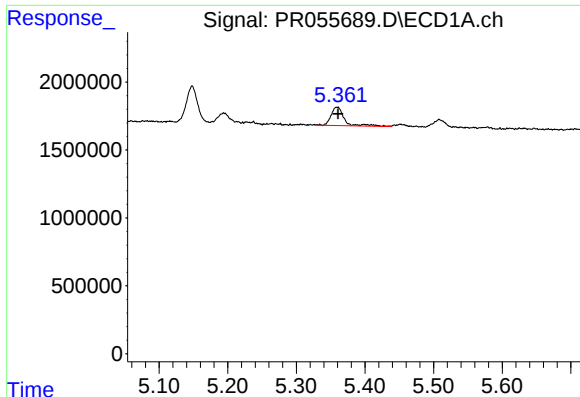
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.046 min
Response: 0
Conc: N.D.



#6 AR-1016-4

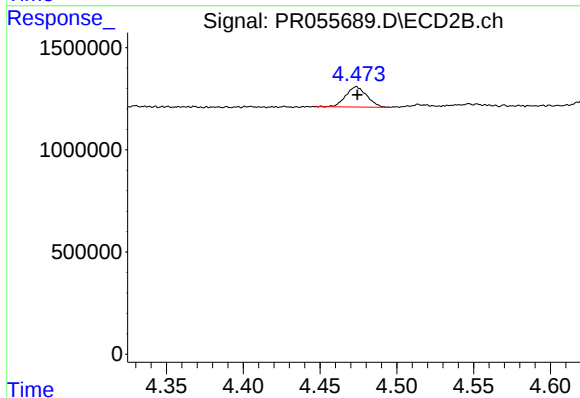
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1640586
Conc: 43.18 ng/ml



#7 AR-1016-5

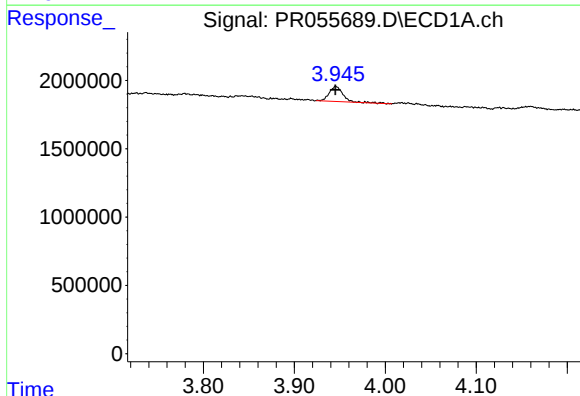
R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 1821925
Conc: 25.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



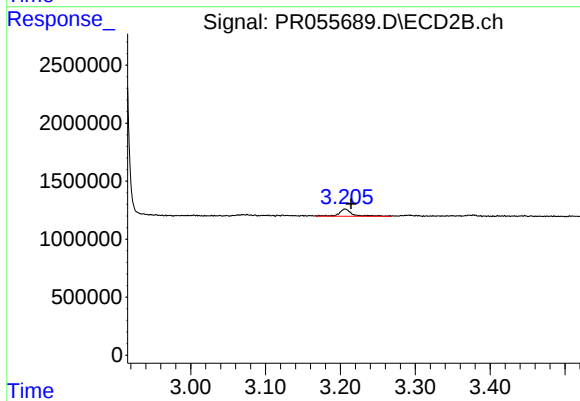
#7 AR-1016-5

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 940284
Conc: 19.06 ng/ml



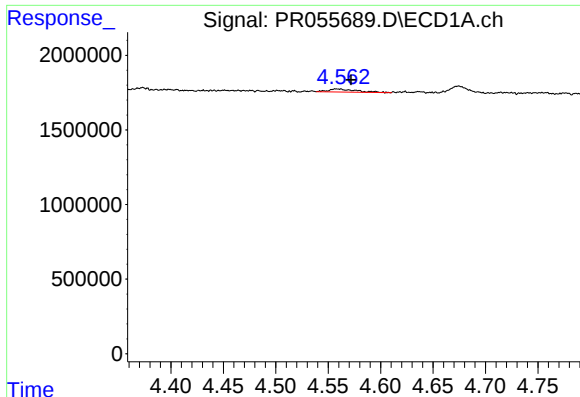
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 1177463
Conc: 32.50 ng/ml



#9 AR-1221-2

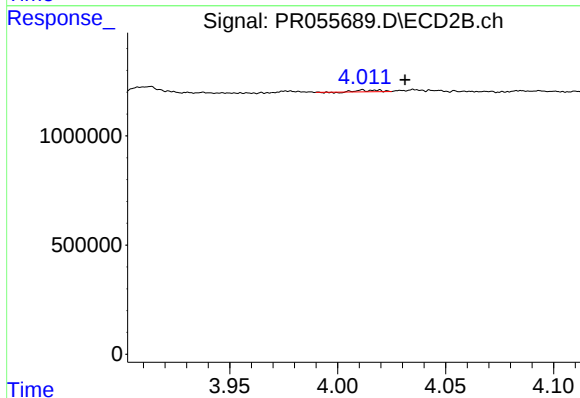
R.T.: 3.206 min
Delta R.T.: -0.008 min
Response: 767539
Conc: 44.77 ng/ml



#12 AR-1232-2

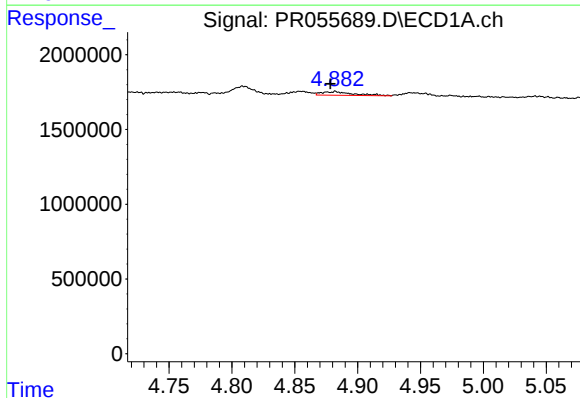
R.T.: 4.559 min
Delta R.T.: -0.013 min
Response: 365986
Conc: 8.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



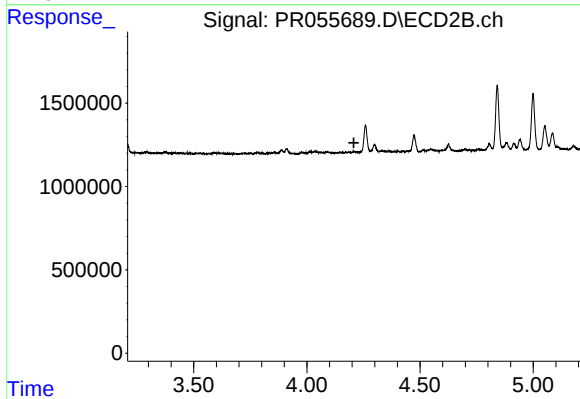
#12 AR-1232-2

R.T.: 4.011 min
Delta R.T.: -0.020 min
Response: 46634
Conc: 1.16 ng/ml



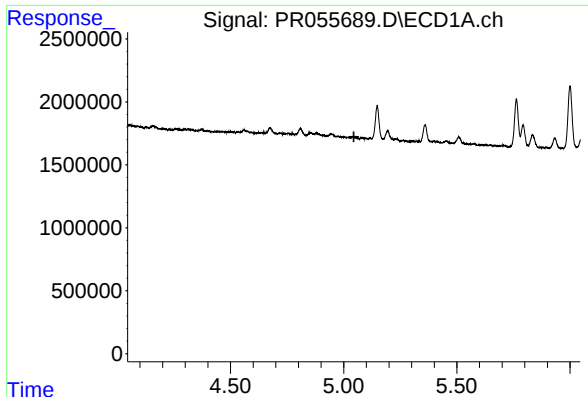
#13 AR-1232-3

R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 434094
Conc: 5.93 ng/ml



#13 AR-1232-3

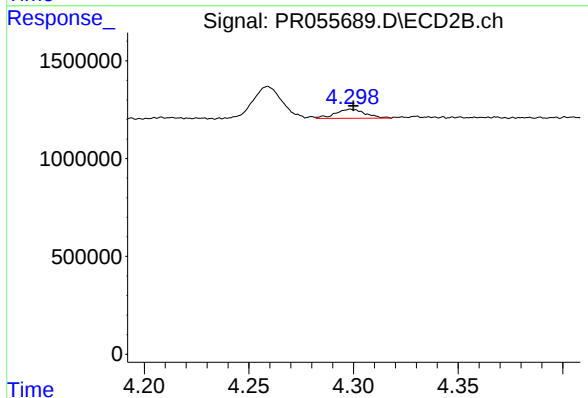
R.T.: 0.000 min
Exp R.T.: 4.208 min
Response: 0
Conc: N.D.



#14 AR-1232-4

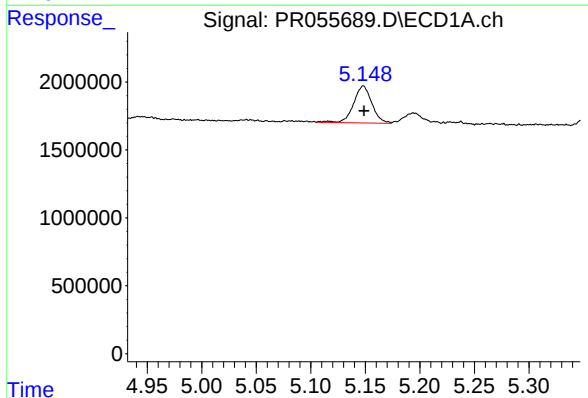
R.T.: 0.000 min
Exp R.T.: 5.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



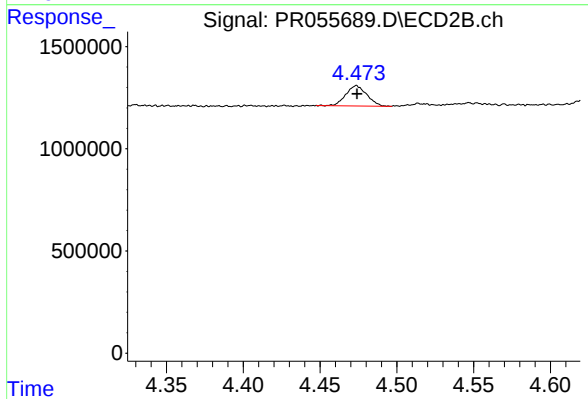
#14 AR-1232-4

R.T.: 4.299 min
Delta R.T.: -0.001 min
Response: 465229
Conc: 25.34 ng/ml



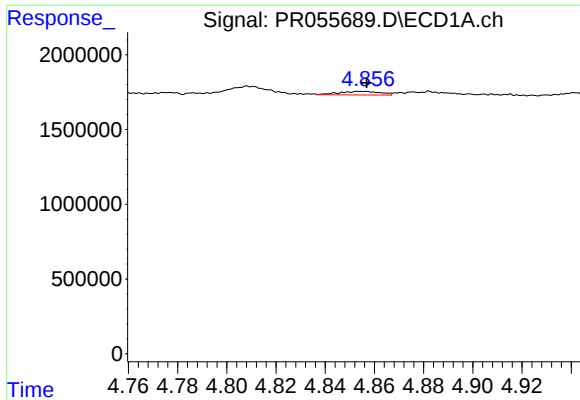
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 3186563
Conc: 127.72 ng/ml



#15 AR-1232-5

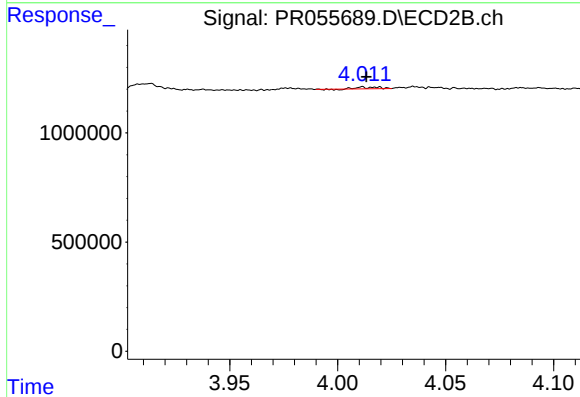
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 940284
Conc: 45.47 ng/ml



#16 AR-1242-1

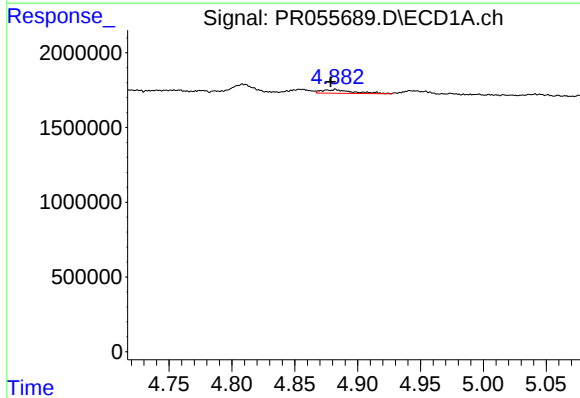
R.T.: 4.855 min
Delta R.T.: -0.002 min
Response: 283038
Conc: 3.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



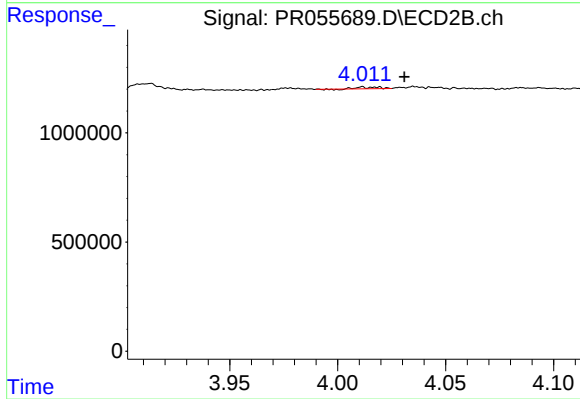
#16 AR-1242-1

R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 46634
Conc: 0.87 ng/ml



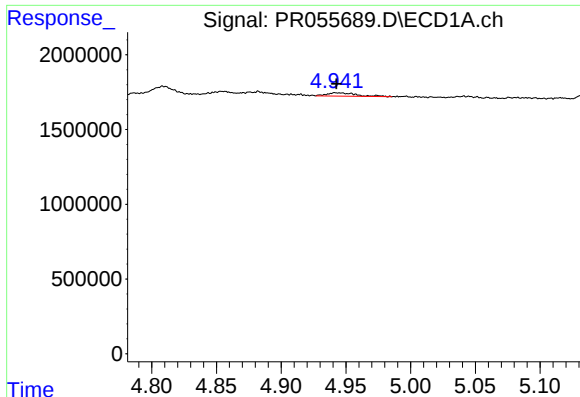
#17 AR-1242-2

R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 434094
Conc: 3.20 ng/ml



#17 AR-1242-2

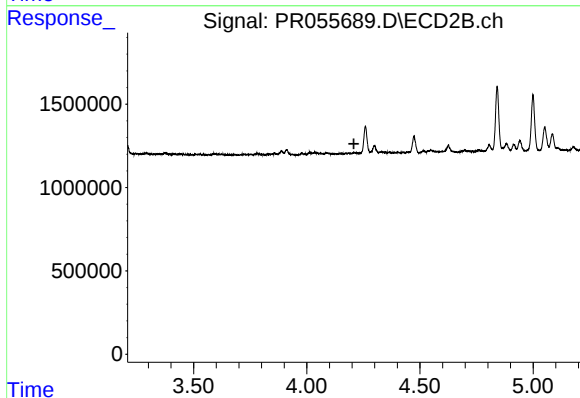
R.T.: 4.011 min
Delta R.T.: -0.019 min
Response: 46634
Conc: 0.62 ng/ml



#18 AR-1242-3

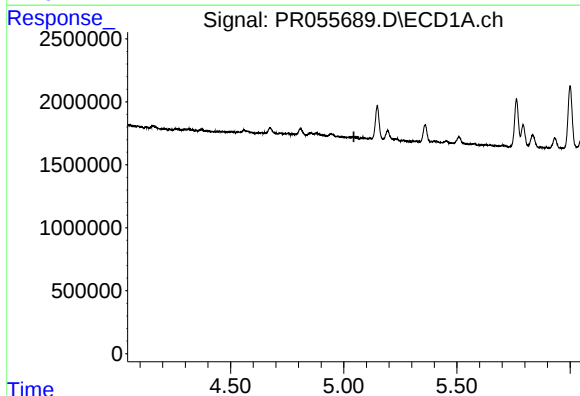
R.T.: 4.944 min
Delta R.T.: 0.001 min
Response: 336024
Conc: 4.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



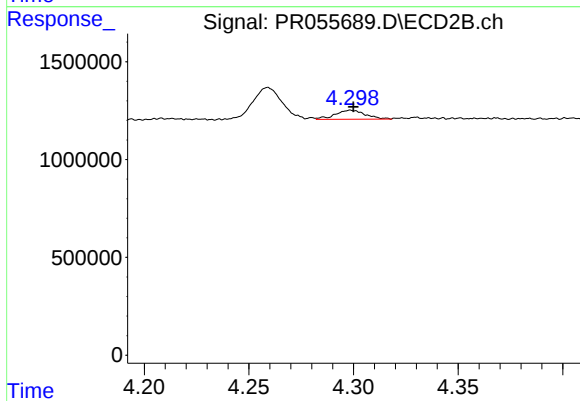
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.208 min
Response: 0
Conc: N.D.



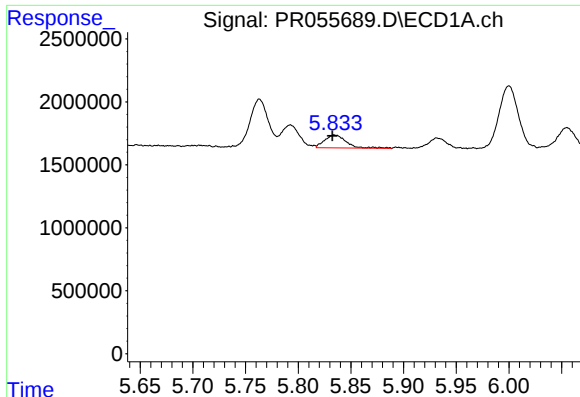
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.045 min
Response: 0
Conc: N.D.



#19 AR-1242-4

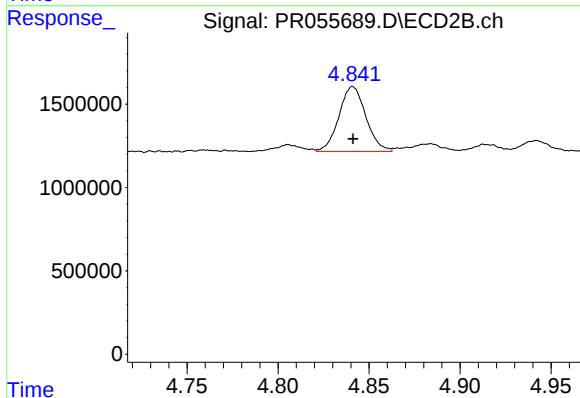
R.T.: 4.299 min
Delta R.T.: -0.001 min
Response: 465229
Conc: 12.36 ng/ml



#20 AR-1242-5

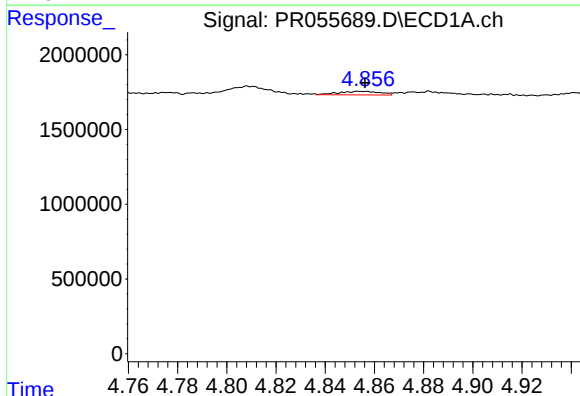
R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 1480030
Conc: 25.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



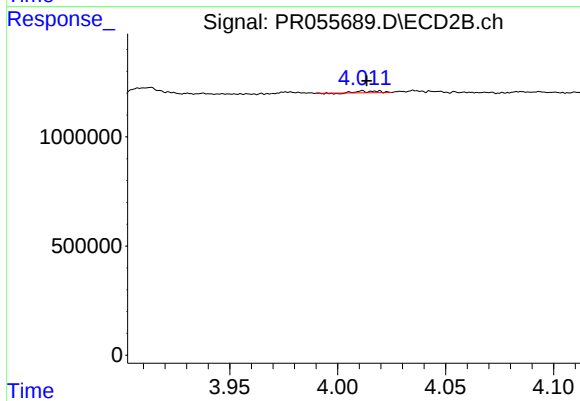
#20 AR-1242-5

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 3997359
Conc: 80.75 ng/ml



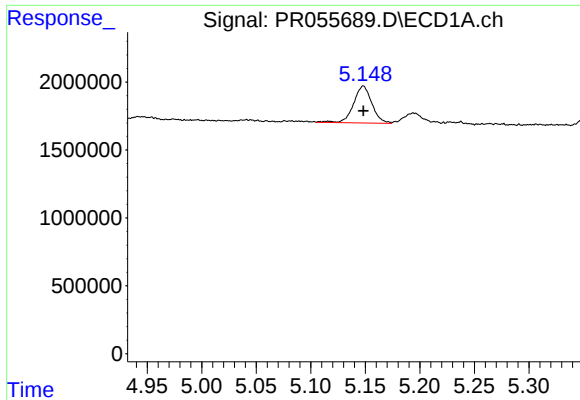
#21 AR-1248-1

R.T.: 4.855 min
Delta R.T.: -0.001 min
Response: 283038
Conc: 3.89 ng/ml



#21 AR-1248-1

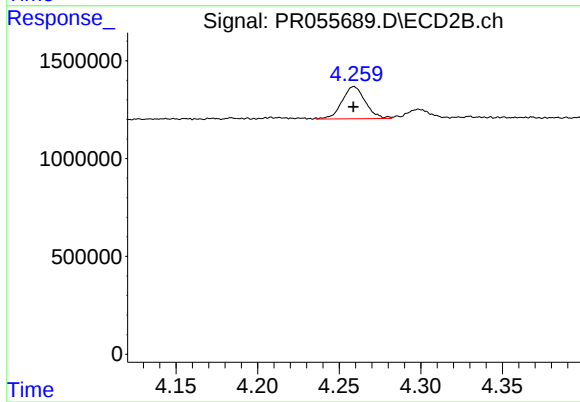
R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 46634
Conc: 1.15 ng/ml



#22 AR-1248-2

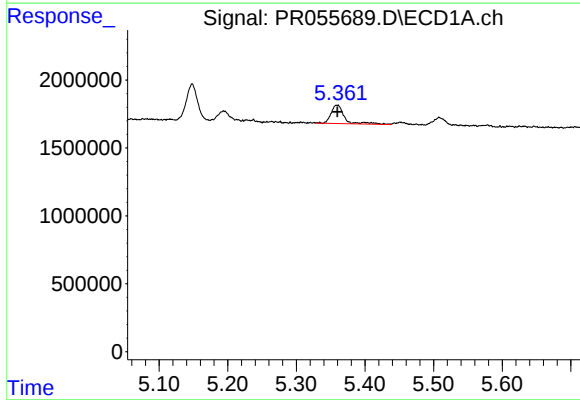
R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 3186563
Conc: 35.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



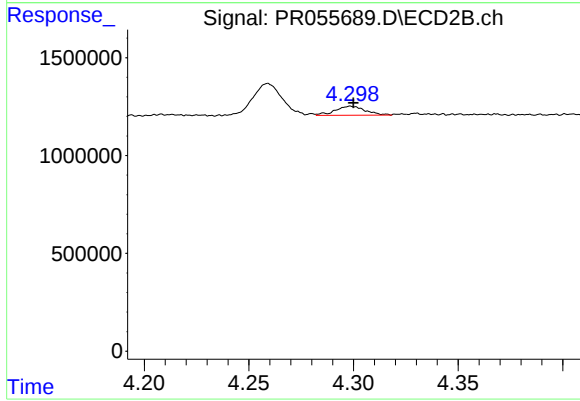
#22 AR-1248-2

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1640586
Conc: 29.64 ng/ml



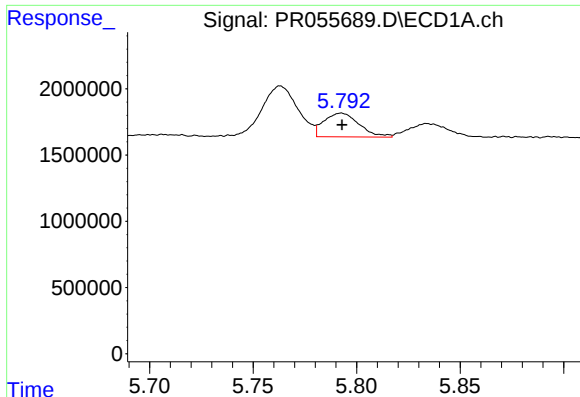
#23 AR-1248-3

R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 1821925
Conc: 18.31 ng/ml



#23 AR-1248-3

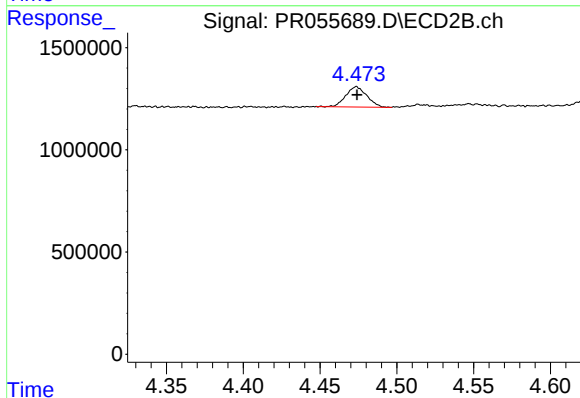
R.T.: 4.299 min
Delta R.T.: -0.001 min
Response: 465229
Conc: 8.27 ng/ml



#24 AR-1248-4

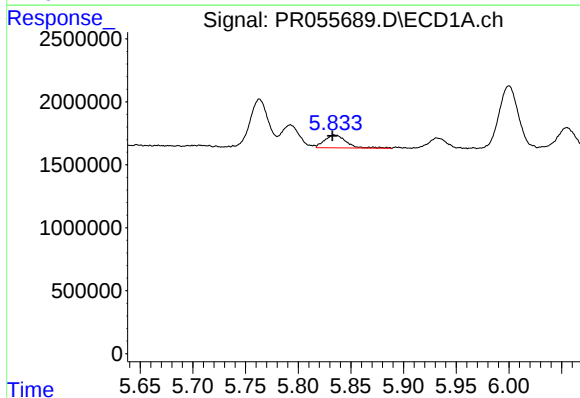
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 2123584
Conc: 21.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



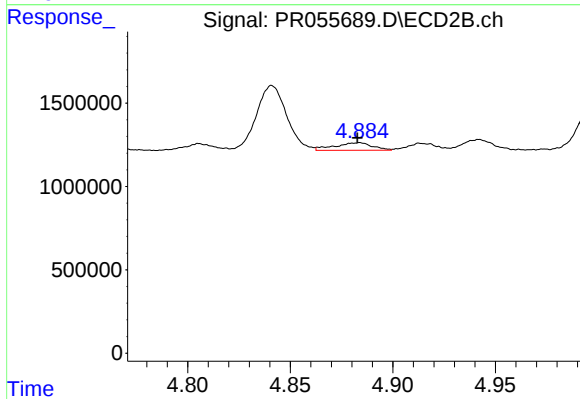
#24 AR-1248-4

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 940284
Conc: 13.86 ng/ml



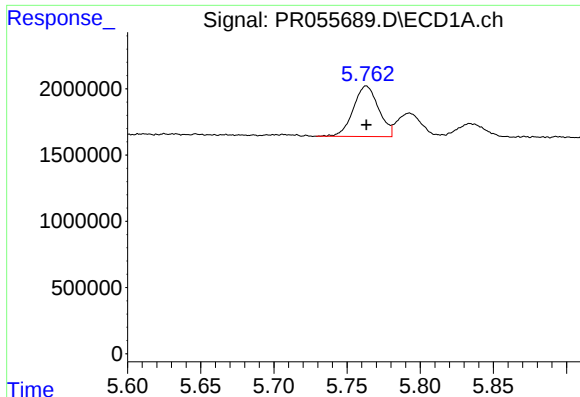
#25 AR-1248-5

R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 1480030
Conc: 15.16 ng/ml



#25 AR-1248-5

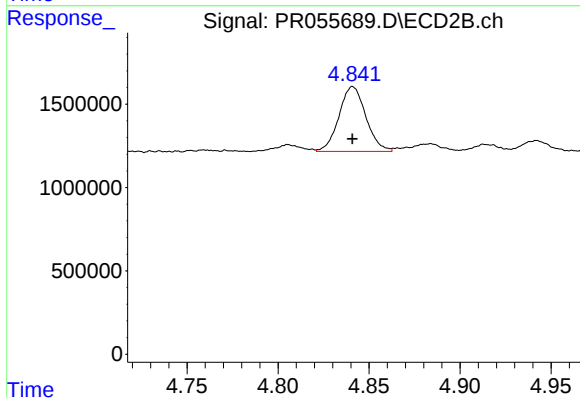
R.T.: 4.884 min
Delta R.T.: 0.001 min
Response: 579545
Conc: 8.13 ng/ml



#26 AR-1254-1

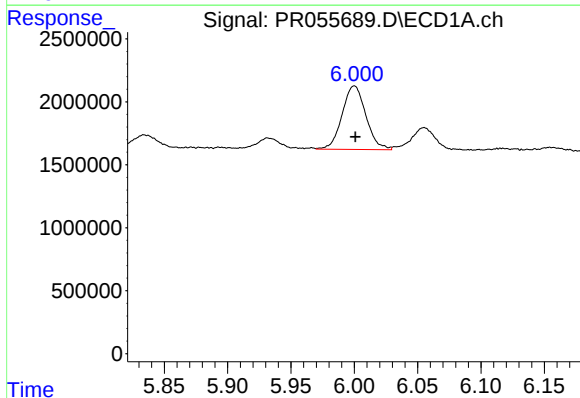
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 4599746
Conc: 44.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



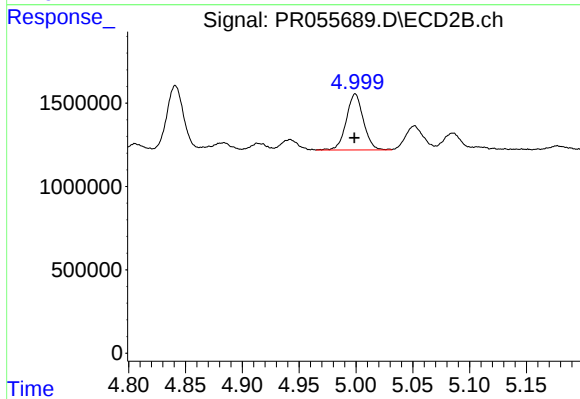
#26 AR-1254-1

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 3997359
Conc: 36.58 ng/ml



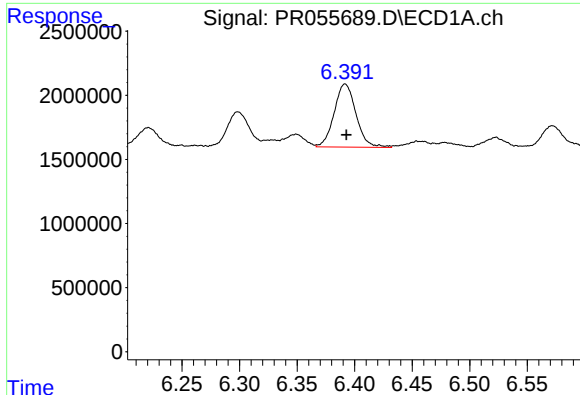
#27 AR-1254-2

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 6587937
Conc: 44.82 ng/ml



#27 AR-1254-2

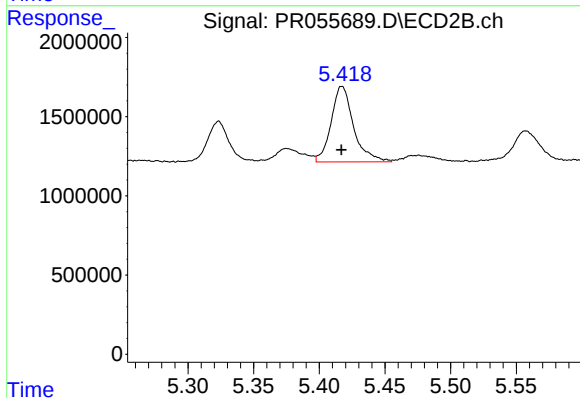
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 3512840
Conc: 36.28 ng/ml



#28 AR-1254-3

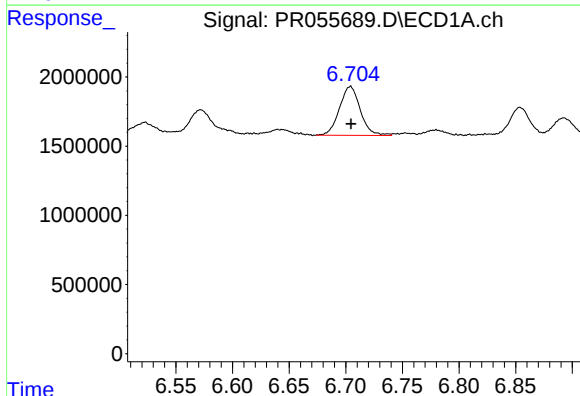
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 6499386
Conc: 44.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



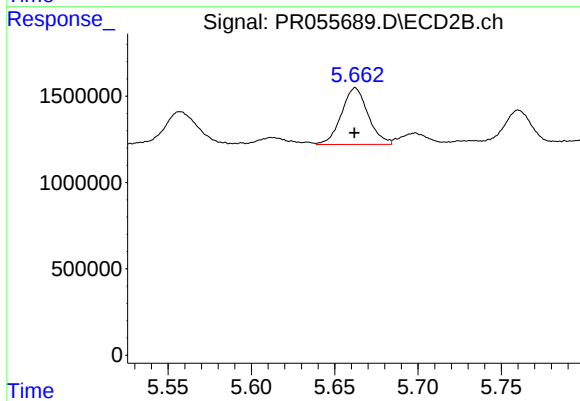
#28 AR-1254-3

R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 5683116
Conc: 37.31 ng/ml



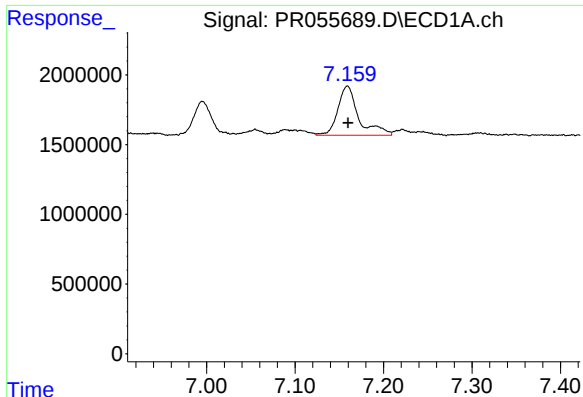
#29 AR-1254-4

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 4544920
Conc: 43.84 ng/ml



#29 AR-1254-4

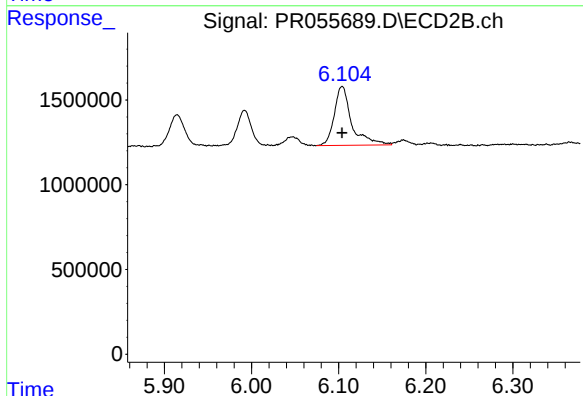
R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 3654961
Conc: 37.09 ng/ml



#30 AR-1254-5

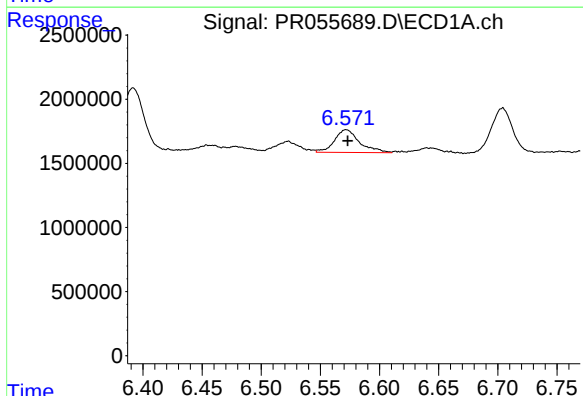
R.T.: 7.159 min
Delta R.T.: -0.001 min
Response: 5749032
Conc: 53.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



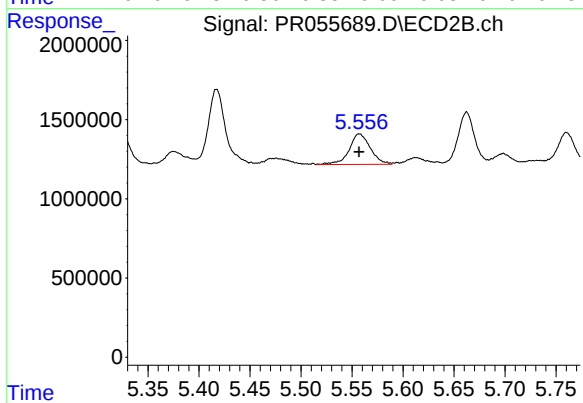
#30 AR-1254-5

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 4854021
Conc: 35.83 ng/ml



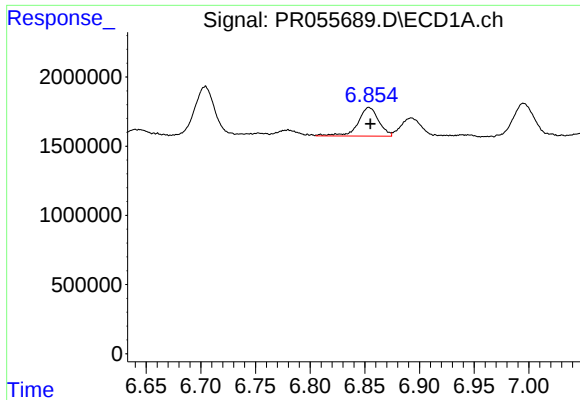
#31 AR-1260-1

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 2640931
Conc: 24.39 ng/ml



#31 AR-1260-1

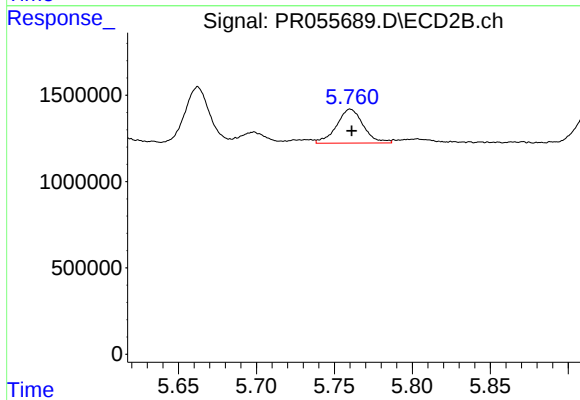
R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 2784908
Conc: 27.64 ng/ml



#32 AR-1260-2

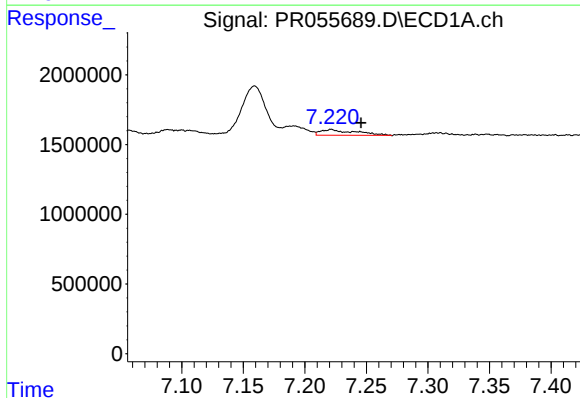
R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 2744908
Conc: 22.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



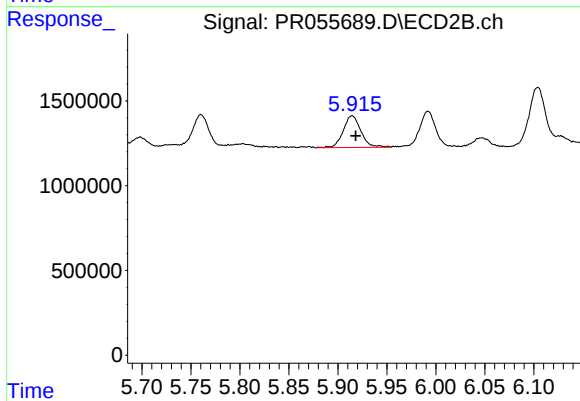
#32 AR-1260-2

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 2352566
Conc: 19.24 ng/ml



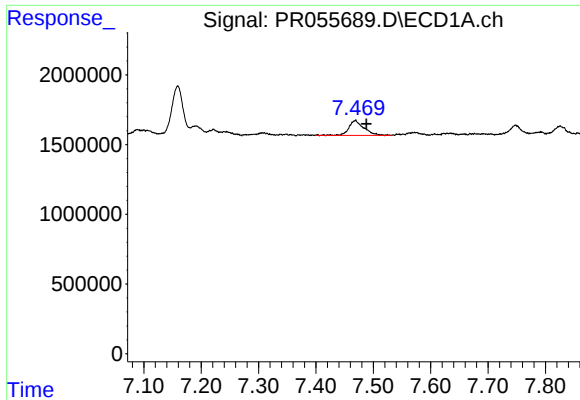
#33 AR-1260-3

R.T.: 7.221 min
Delta R.T.: -0.025 min
Response: 803981
Conc: 8.91 ng/ml



#33 AR-1260-3

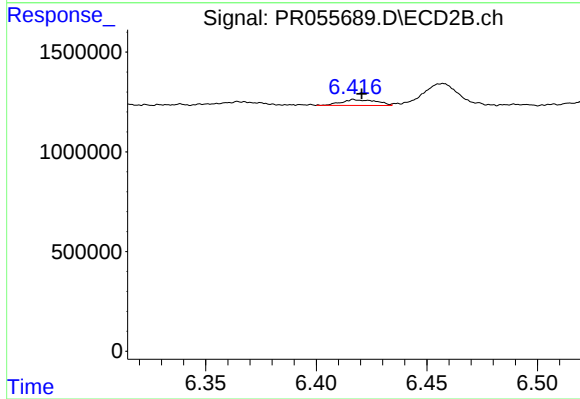
R.T.: 5.915 min
Delta R.T.: -0.004 min
Response: 2361061
Conc: 20.88 ng/ml



#34 AR-1260-4

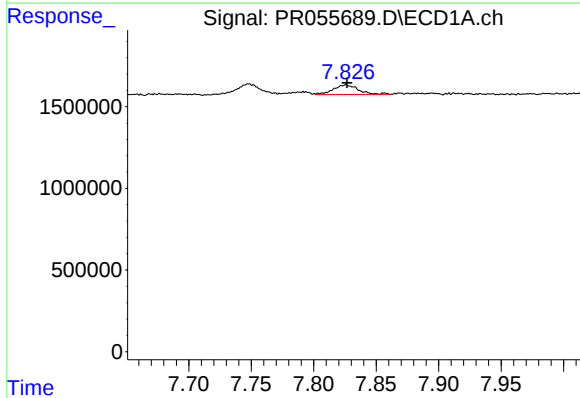
R.T.: 7.468 min
Delta R.T.: -0.020 min
Response: 1975230
Conc: 19.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



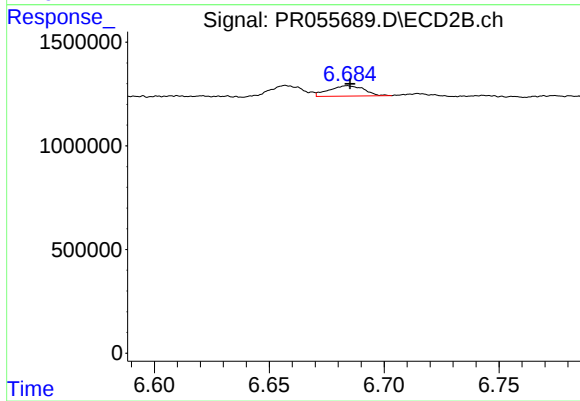
#34 AR-1260-4

R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 325311
Conc: 3.40 ng/ml



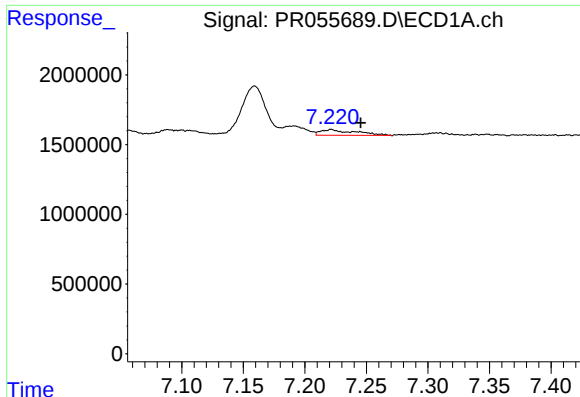
#35 AR-1260-5

R.T.: 7.826 min
Delta R.T.: -0.001 min
Response: 814155
Conc: 4.19 ng/ml



#35 AR-1260-5

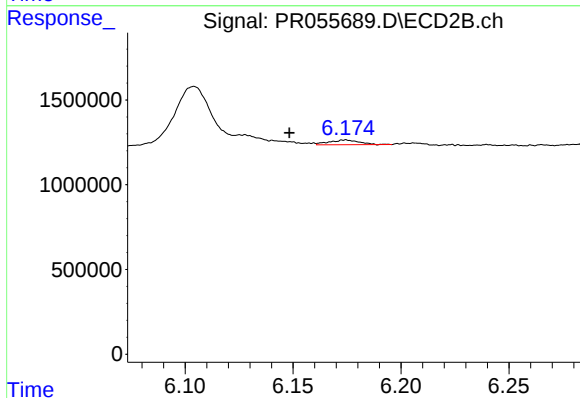
R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 528130
Conc: 2.35 ng/ml



#36 AR-1262-1

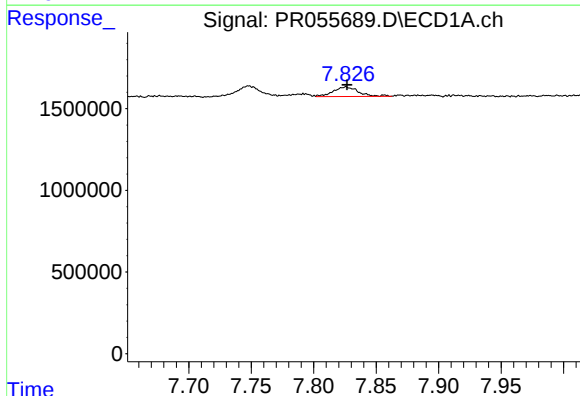
R.T.: 7.221 min
Delta R.T.: -0.024 min
Response: 803981
Conc: 6.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



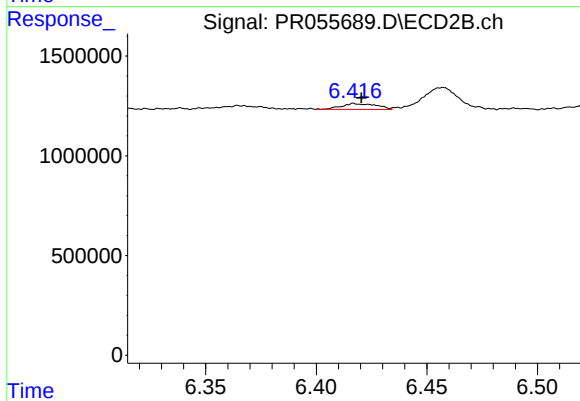
#36 AR-1262-1

R.T.: 6.174 min
Delta R.T.: 0.026 min
Response: 278246
Conc: 2.07 ng/ml



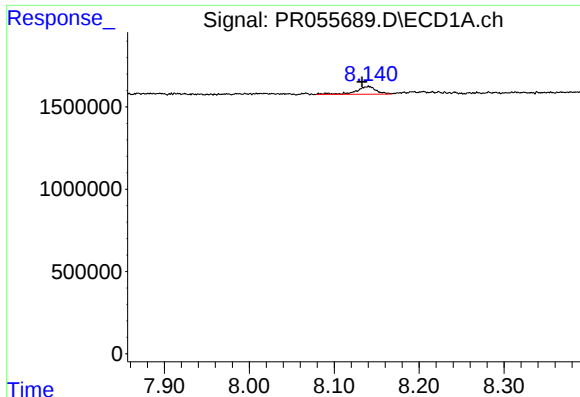
#37 AR-1262-2

R.T.: 7.826 min
Delta R.T.: -0.001 min
Response: 814155
Conc: 3.81 ng/ml



#37 AR-1262-2

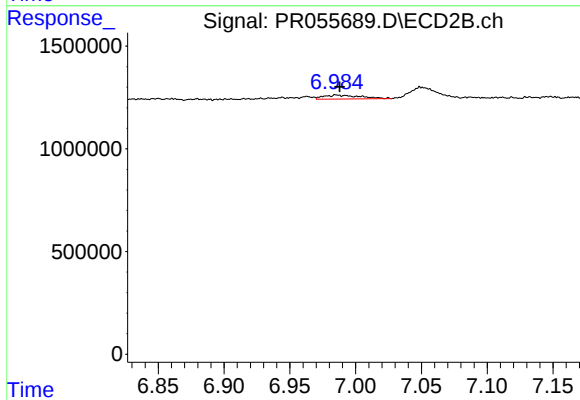
R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 325311
Conc: 2.67 ng/ml



#38 AR-1262-3

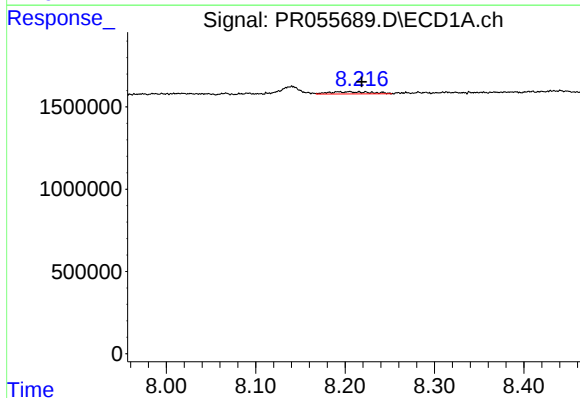
R.T.: 8.140 min
Delta R.T.: 0.007 min
Response: 800312
Conc: 5.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



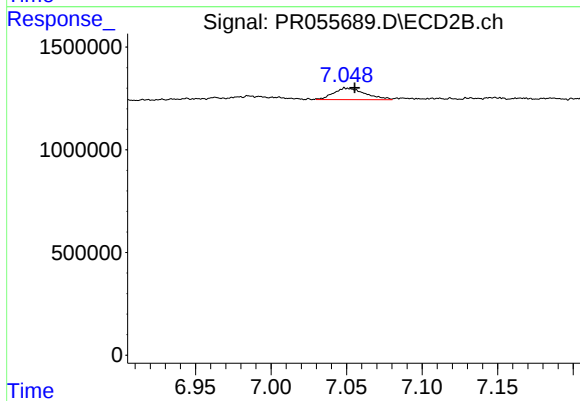
#38 AR-1262-3

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 377382
Conc: 3.92 ng/ml



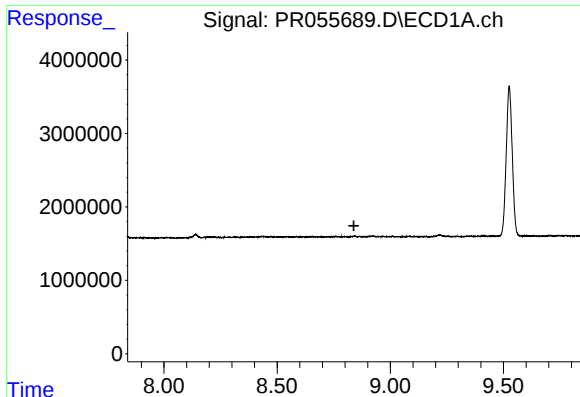
#39 AR-1262-4

R.T.: 8.205 min
Delta R.T.: -0.014 min
Response: 445777
Conc: 7.09 ng/ml



#39 AR-1262-4

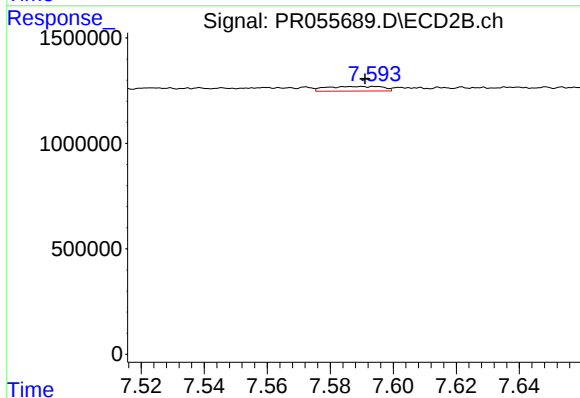
R.T.: 7.049 min
Delta R.T.: -0.006 min
Response: 817804
Conc: 4.49 ng/ml



#40 AR-1262-5

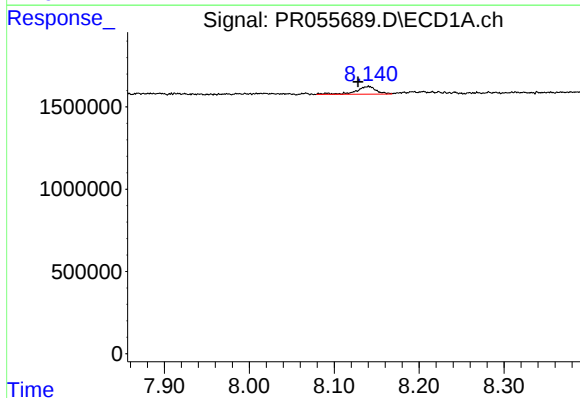
R.T.: 0.000 min
Exp R.T.: 8.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



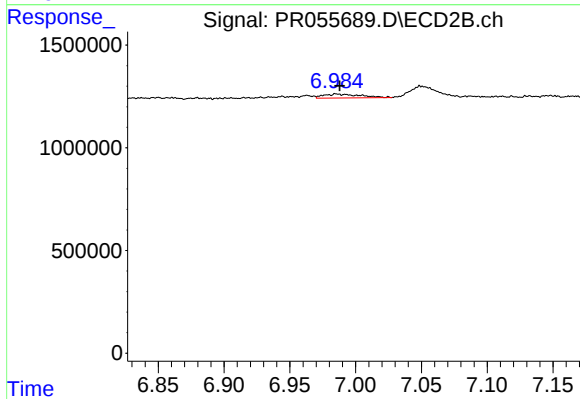
#40 AR-1262-5

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 272313
Conc: 3.18 ng/ml



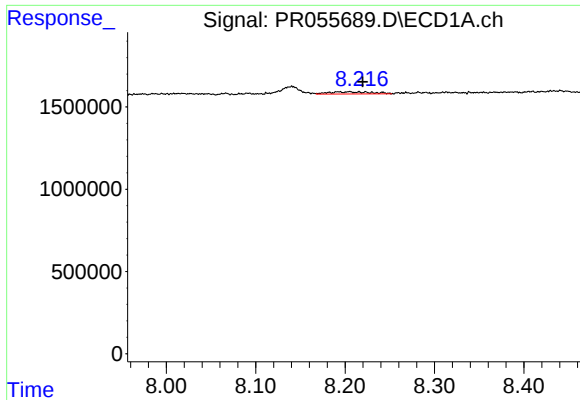
#41 AR-1268-1

R.T.: 8.140 min
Delta R.T.: 0.012 min
Response: 800312
Conc: 3.21 ng/ml



#41 AR-1268-1

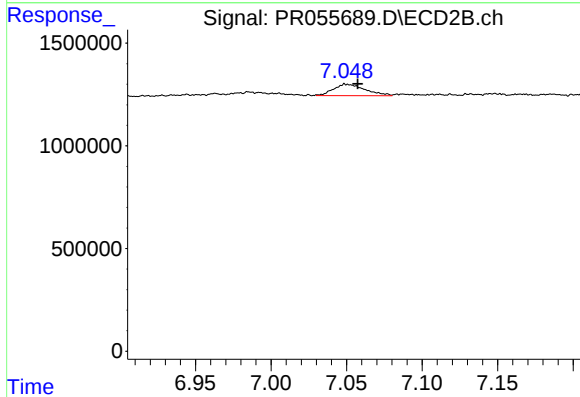
R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 377382
Conc: 1.34 ng/ml



#42 AR-1268-2

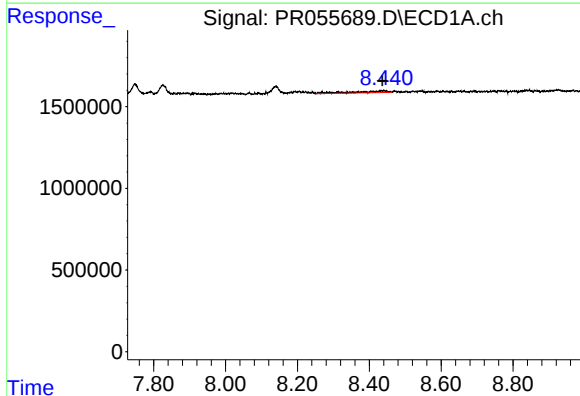
R.T.: 8.205 min
Delta R.T.: -0.015 min
Response: 445777
Conc: 1.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



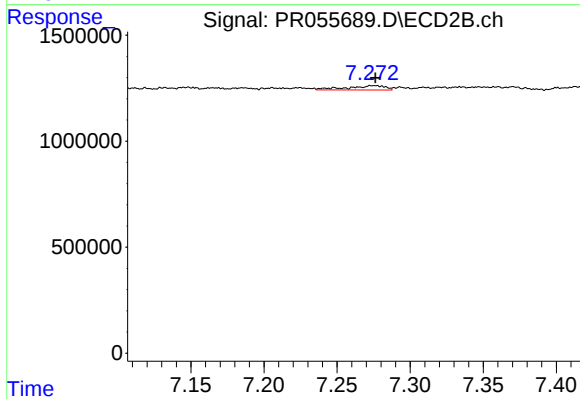
#42 AR-1268-2

R.T.: 7.049 min
Delta R.T.: -0.008 min
Response: 817804
Conc: 3.20 ng/ml



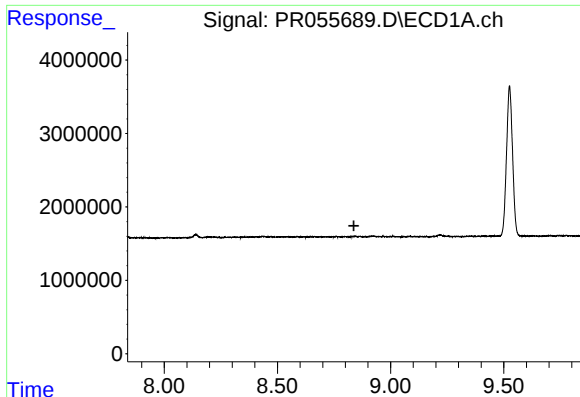
#43 AR-1268-3

R.T.: 8.440 min
Delta R.T.: 0.004 min
Response: 726497
Conc: 3.77 ng/ml



#43 AR-1268-3

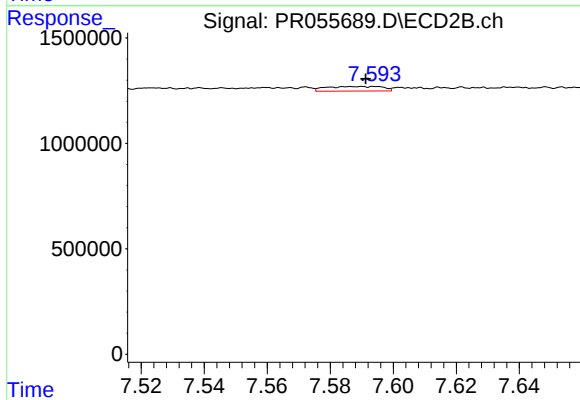
R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 371515
Conc: 1.73 ng/ml



#44 AR-1268-4

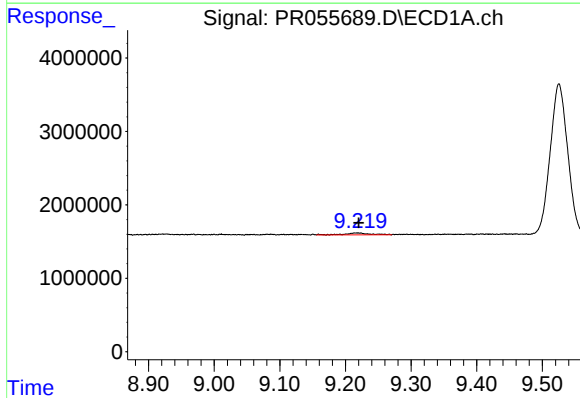
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



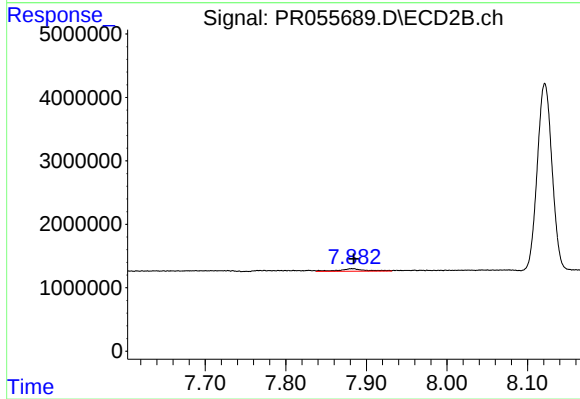
#44 AR-1268-4

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 272313
Conc: 2.87 ng/ml



#45 AR-1268-5

R.T.: 9.218 min
Delta R.T.: -0.002 min
Response: 702256
Conc: 1.15 ng/ml



#45 AR-1268-5

R.T.: 7.883 min
Delta R.T.: -0.001 min
Response: 847276
Conc: 1.24 ng/ml