

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090823\
 Data File : PR063112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2023 17:04
 Operator : YP\AJ
 Sample : 04306-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 22:45:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 05:38:44 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.666	2.949	238.7E6	82323877	103.575	27.159 #
2)	SA Decachlor...	9.605	8.220	31754574	71610013	19.873	19.227
Target Compounds							
3)	L1 AR-1016-1	4.907	4.071	633.7E6	857.6E6	8365.401	8303.073
4)	L1 AR-1016-2	4.929	4.089	905.3E6	1178.7E6	8181.445	8028.282
5)	L1 AR-1016-3	4.994	4.269	474.1E6	683.9E6	6826.805	8550.365 #
6)	L1 AR-1016-4	5.096	4.319	478.3E6	367.2E6	8875.999	5669.589 #
7)	L1 AR-1016-5	5.414	4.538	331.0E6	496.6E6	5886.004	5877.754
8)	L2 AR-1221-1	3.898	3.174	188.6E6	247.3E6	6736.939	6468.744
9)	L2 AR-1221-2	3.990	3.261	203.7E6	277.1E6	10423.927	10011.978
10)	L2 AR-1221-3	4.069	3.338	924.8E6	1266.3E6	13881.587	13990.873
11)	L3 AR-1232-1	4.069	3.338	924.8E6	1266.3E6	16762.054	16690.834
12)	L3 AR-1232-2	4.622	4.089	915.6E6	1178.7E6	34671.854	17274.648 #
13)	L3 AR-1232-3	4.929	4.269	905.3E6	683.9E6	17828.041	18882.007
14)	L3 AR-1232-4	5.096	4.361	478.3E6	361.3E6	19750.857	10852.048 #
15)	L3 AR-1232-5	5.200	4.538	262.5E6	496.6E6	13473.211	13366.946
16)	L4 AR-1242-1	4.907	4.071	633.7E6	857.6E6	9062.921	8849.482
17)	L4 AR-1242-2	4.929	4.089	905.3E6	1178.7E6	9074.690	8655.021
18)	L4 AR-1242-3	4.994	4.269	474.1E6	683.9E6	7575.796	9233.732
19)	L4 AR-1242-4	5.096	4.361	478.3E6	361.3E6	9659.103	4896.352 #
20)	L4 AR-1242-5	5.887	4.910	70373247	187.0E6	1382.092	1994.380 #
21)	L5 AR-1248-1	4.907	4.071	633.7E6	857.6E6	12458.646	11952.506
22)	L5 AR-1248-2	5.200	4.319	262.5E6	367.2E6	3582.451	3568.568
23)	L5 AR-1248-3	5.414	4.361	331.0E6	361.3E6	3945.316	3428.351
24)	L5 AR-1248-4	5.847	4.538	88713315	496.6E6	1026.545	3924.238 #
25)	L5 AR-1248-5	5.887	4.951	70373247	109.8E6	837.999	867.371
26)	L6 AR-1254-1	5.817	4.910	70095334	187.0E6	777.730	999.204 #
27)	L6 AR-1254-2	6.055	5.069	68362857	26212203	492.286	158.033 #
28)	L6 AR-1254-3	6.448	5.493	21776737	39730457	155.169	146.330
29)	L6 AR-1254-4	6.760	5.739	13063407	20685723	137.546	119.011
30)	L6 AR-1254-5	7.216	6.185	14869427	36777154	143.340	144.005
31)	L7 AR-1260-1	6.628	5.634	7905568	22017932	74.085	118.283 #
32)	L7 AR-1260-2	6.913	5.838	12552743	14395381	104.254	63.919 #
33)	L7 AR-1260-3	7.296	5.994	1671753	18368211	18.627	82.697 #
34)	L7 AR-1260-4	7.525	6.504	6463746	2639881	65.348	14.150 #
35)	L7 AR-1260-5	7.881	6.769	2286764	6503889	13.024	14.868
36)	L8 AR-1262-1	7.296	6.257	1671753	2443201	13.034	9.285 #
37)	L8 AR-1262-2	7.881	6.769	2286764	6503889	11.542	13.355
38)	L8 AR-1262-3	8.197	7.079	1929355	799971	13.926	4.054 #
39)	L8 AR-1262-4	8.263	7.139	2385595	6833441	22.001	18.371
40)	L8 AR-1262-5	0.000	7.680	0	618811	N.D.	3.441 #
41)	L9 AR-1268-1	8.197	7.079	1929355	799971	7.711	1.374 #

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 Acq On : 08 Sep 2023 17:04
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 Sample : 04306-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 22:45:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 05:38:44 2023
 Response via : Initial Calibration
 Integrator: ChemStation

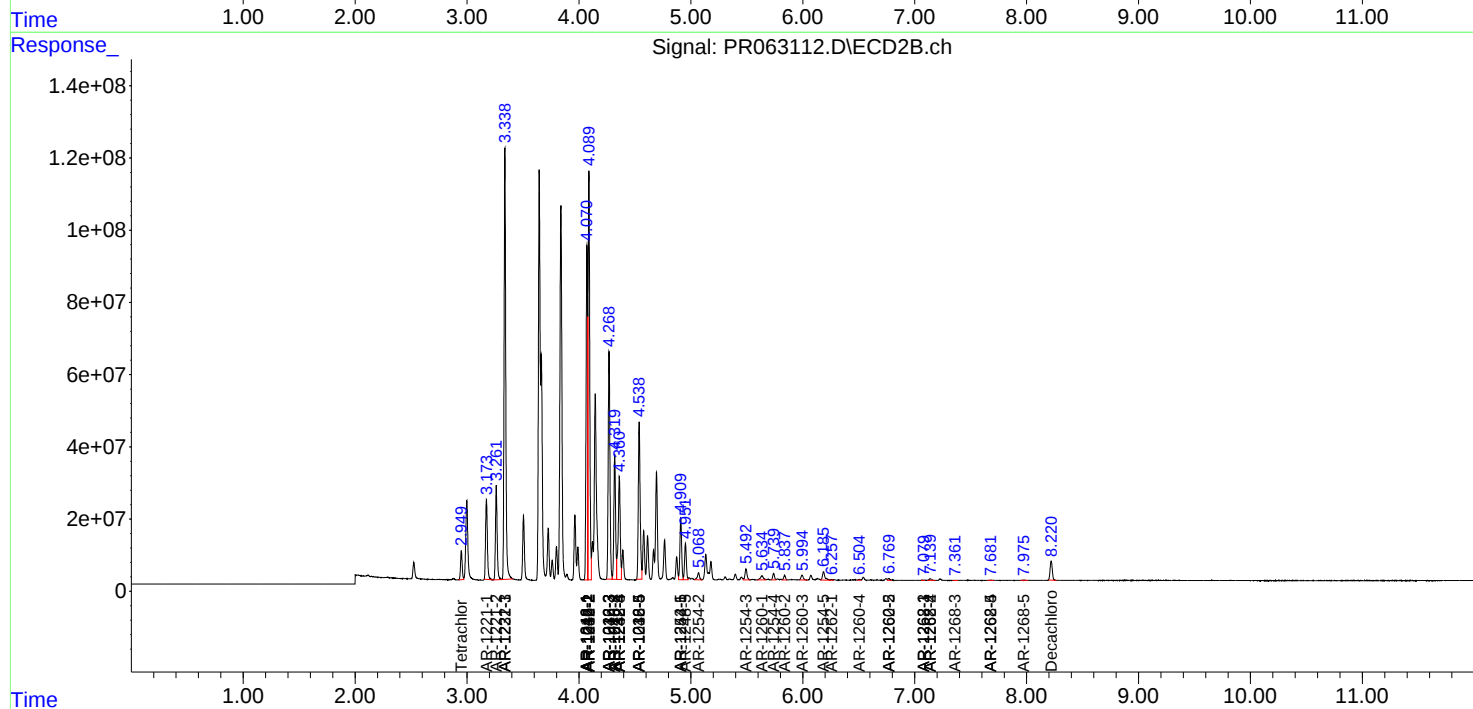
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

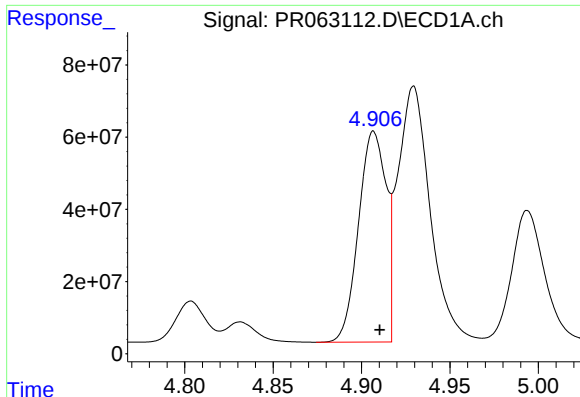
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.263	7.139	2385595	6833441	10.438	12.736
43) L9	AR-1268-3	0.000	7.362	0	549923	N.D.	1.164 #
44) L9	AR-1268-4	0.000	7.680	0	618811	N.D.	3.054 #
45) L9	AR-1268-5	9.291	7.975	134773	831164	0.231	0.565 #

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

Instrument :
ECD_D
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

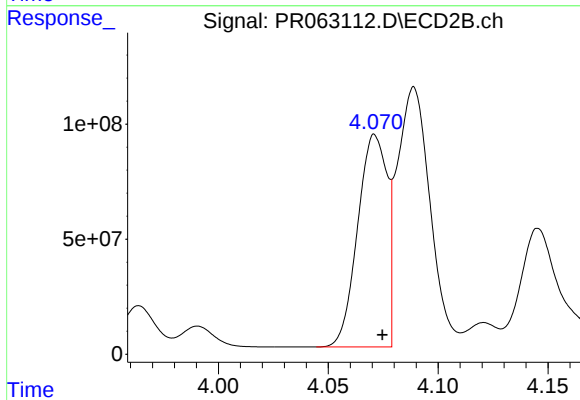




#3 AR-1016-1

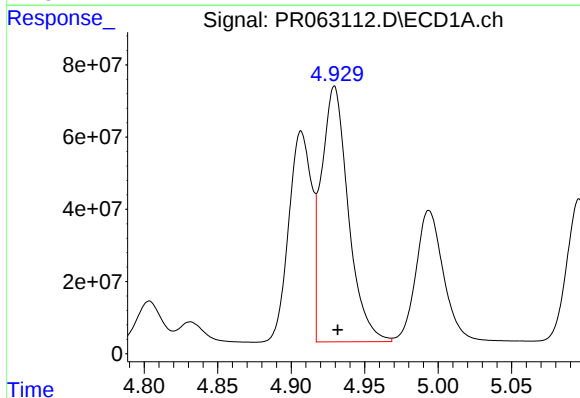
R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 633670099
Conc: 8365.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



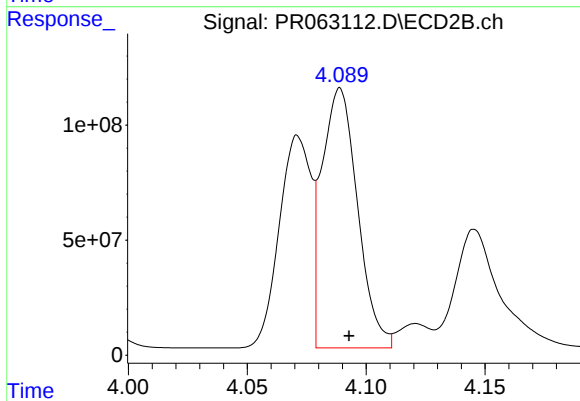
#3 AR-1016-1

R.T.: 4.071 min
Delta R.T.: -0.003 min
Response: 857592421
Conc: 8303.07 ng/ml



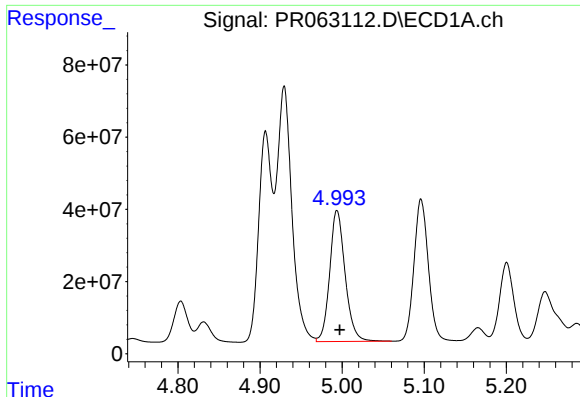
#4 AR-1016-2

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 905261133
Conc: 8181.44 ng/ml



#4 AR-1016-2

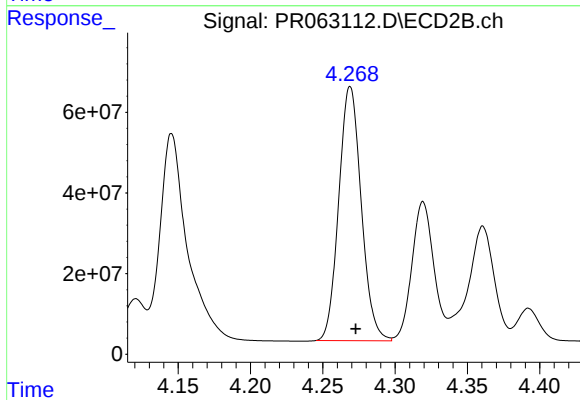
R.T.: 4.089 min
Delta R.T.: -0.004 min
Response: 1178663724
Conc: 8028.28 ng/ml



#5 AR-1016-3

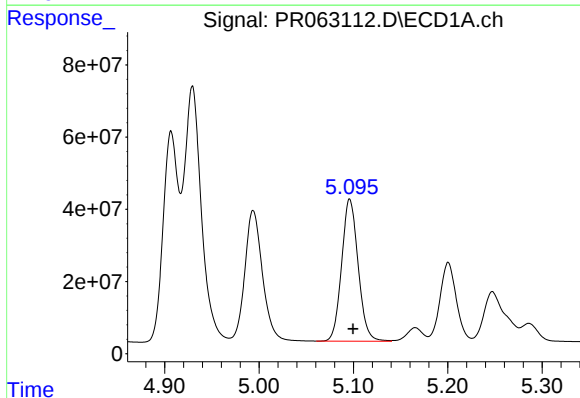
R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 474057720
Conc: 6826.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



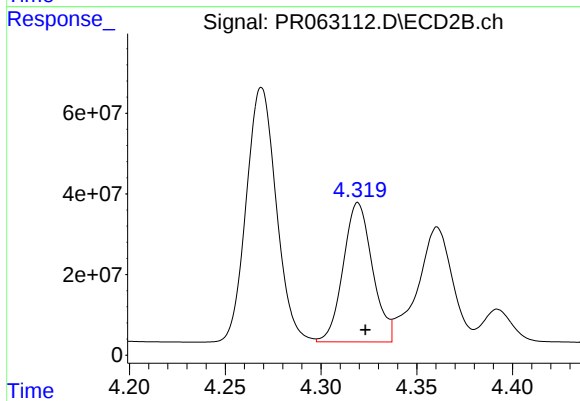
#5 AR-1016-3

R.T.: 4.269 min
Delta R.T.: -0.004 min
Response: 683931475
Conc: 8550.37 ng/ml



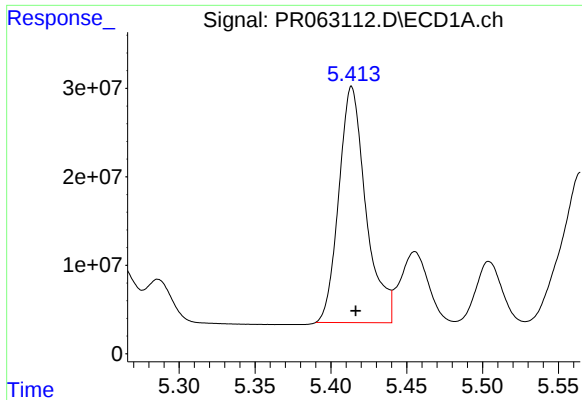
#6 AR-1016-4

R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 478340757
Conc: 8876.00 ng/ml



#6 AR-1016-4

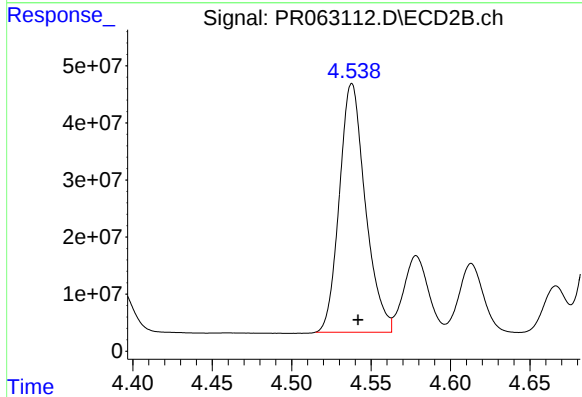
R.T.: 4.319 min
Delta R.T.: -0.004 min
Response: 367197043
Conc: 5669.59 ng/ml



#7 AR-1016-5

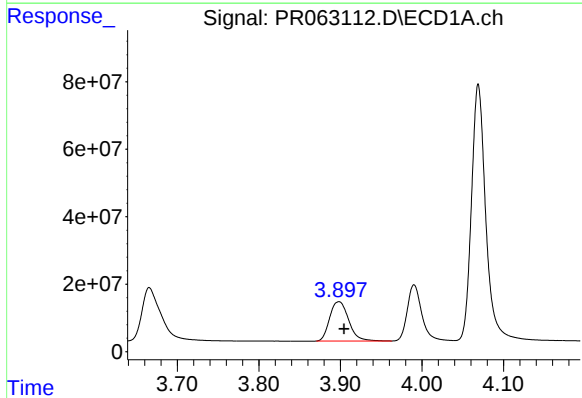
R.T.: 5.414 min
Delta R.T.: -0.003 min
Response: 331025598
Conc: 5886.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



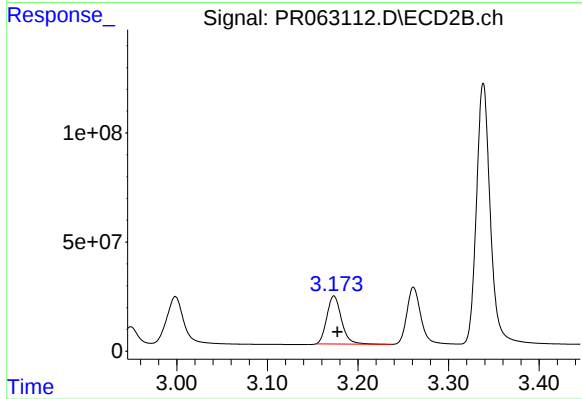
#7 AR-1016-5

R.T.: 4.538 min
Delta R.T.: -0.004 min
Response: 496555882
Conc: 5877.75 ng/ml



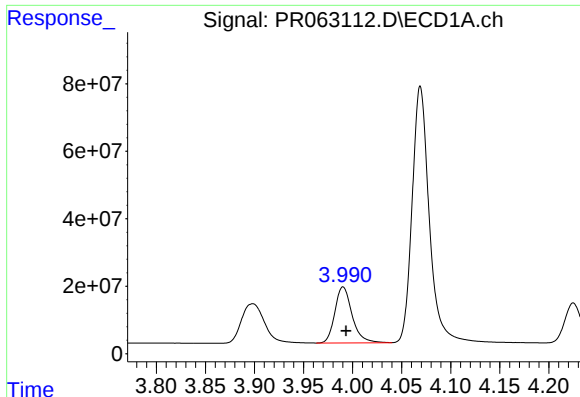
#8 AR-1221-1

R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 188564488
Conc: 6736.94 ng/ml



#8 AR-1221-1

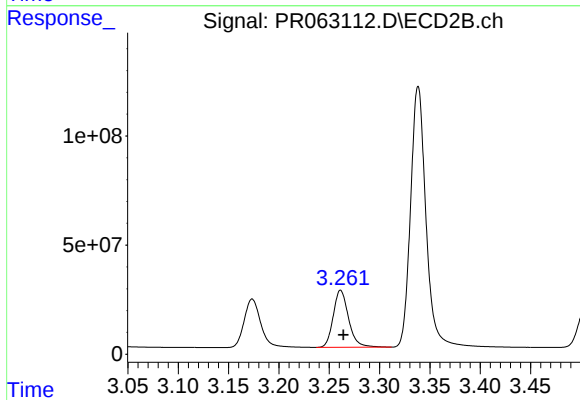
R.T.: 3.174 min
Delta R.T.: -0.004 min
Response: 247321212
Conc: 6468.74 ng/ml



#9 AR-1221-2

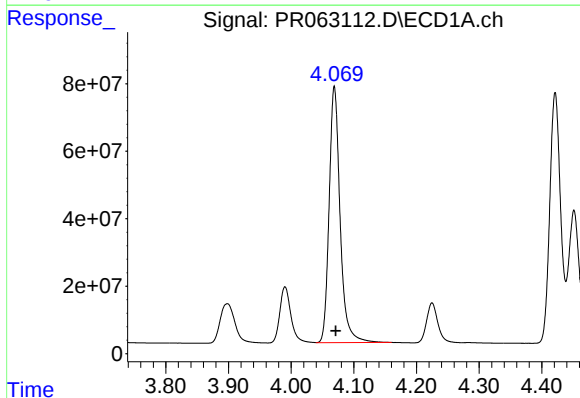
R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 203715775
Conc: 10423.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



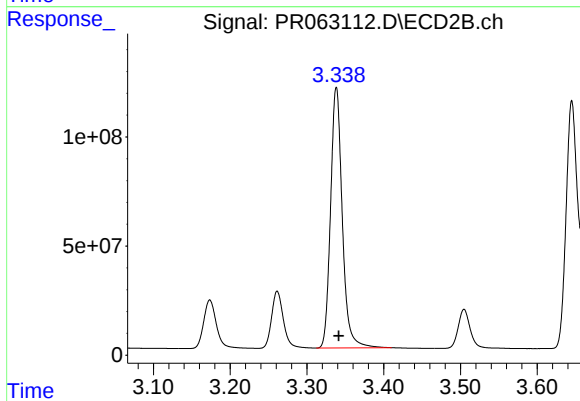
#9 AR-1221-2

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 277133307
Conc: 10011.98 ng/ml



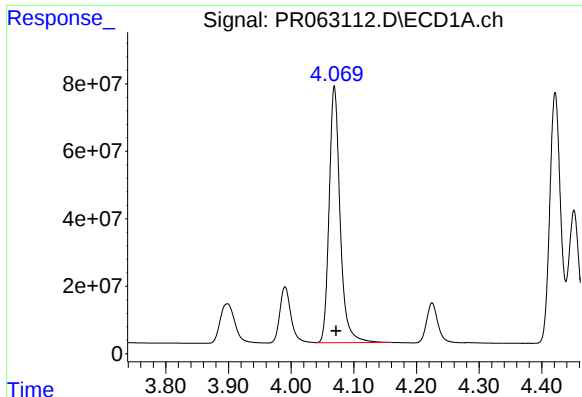
#10 AR-1221-3

R.T.: 4.069 min
Delta R.T.: -0.002 min
Response: 924761102
Conc: 13881.59 ng/ml



#10 AR-1221-3

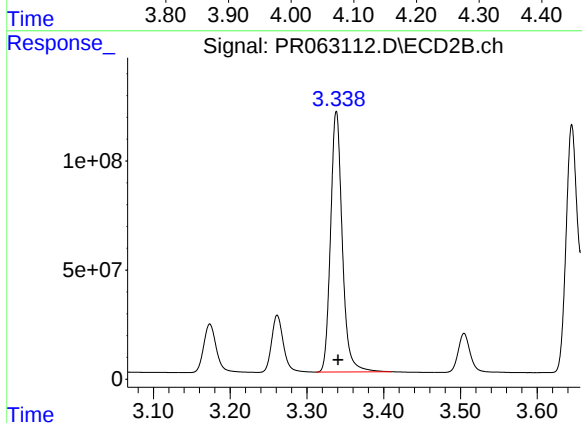
R.T.: 3.338 min
Delta R.T.: -0.003 min
Response: 1266273727
Conc: 13990.87 ng/ml



#11 AR-1232-1

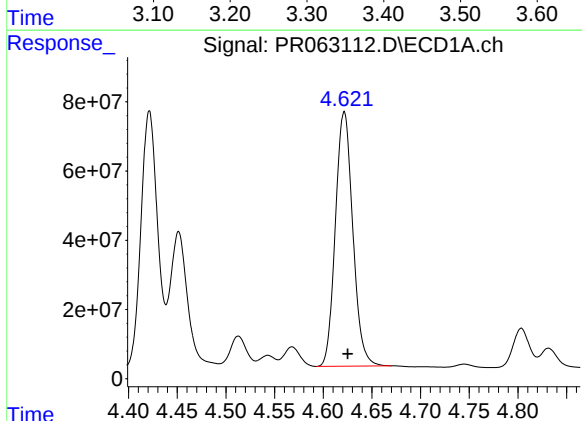
R.T.: 4.069 min
Delta R.T.: -0.003 min
Response: 924761102
Conc: 16762.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



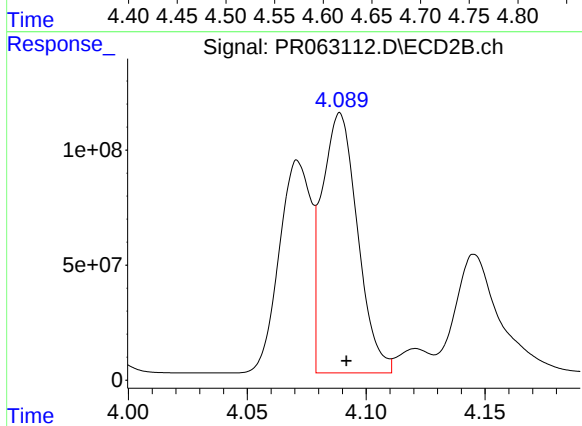
#11 AR-1232-1

R.T.: 3.338 min
Delta R.T.: -0.002 min
Response: 1266273727
Conc: 16690.83 ng/ml



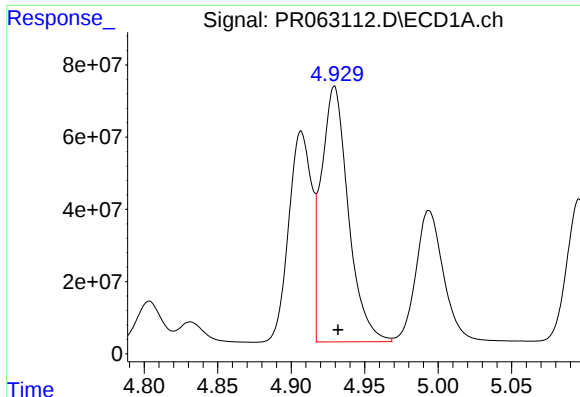
#12 AR-1232-2

R.T.: 4.622 min
Delta R.T.: -0.003 min
Response: 915551774
Conc: 34671.85 ng/ml



#12 AR-1232-2

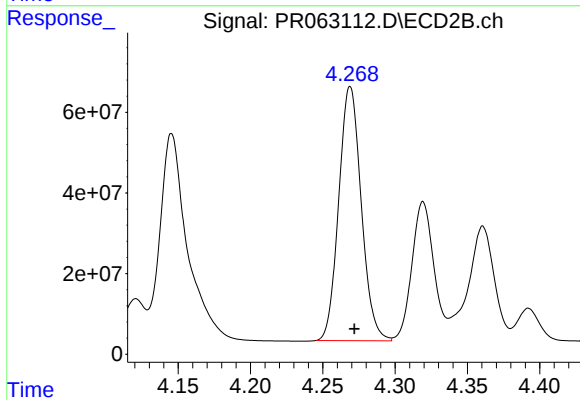
R.T.: 4.089 min
Delta R.T.: -0.003 min
Response: 1178663724
Conc: 17274.65 ng/ml



#13 AR-1232-3

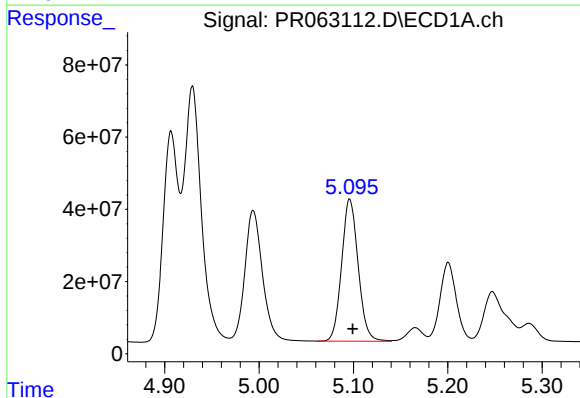
R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 905261133
Conc: 17828.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



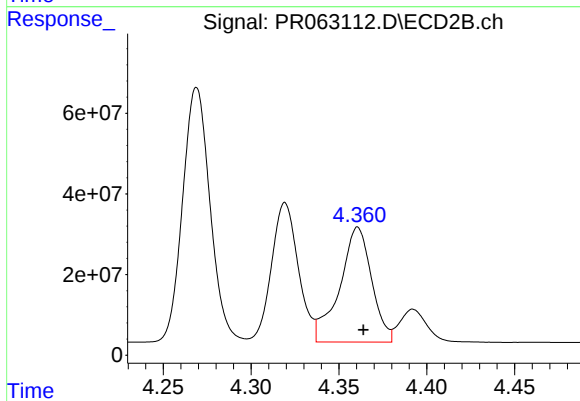
#13 AR-1232-3

R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 683931475
Conc: 18882.01 ng/ml



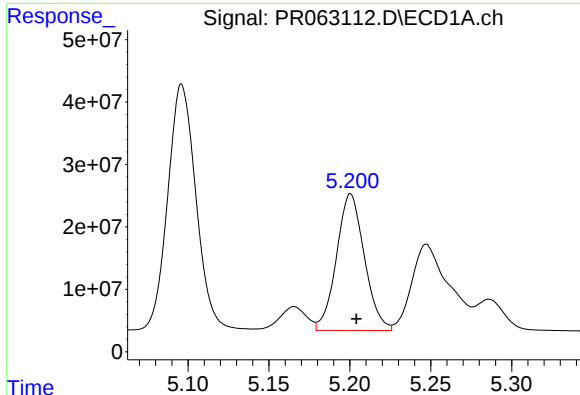
#14 AR-1232-4

R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 478340757
Conc: 19750.86 ng/ml



#14 AR-1232-4

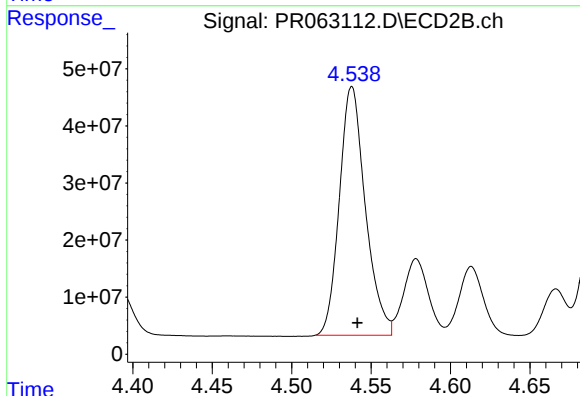
R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 361255103
Conc: 10852.05 ng/ml



#15 AR-1232-5

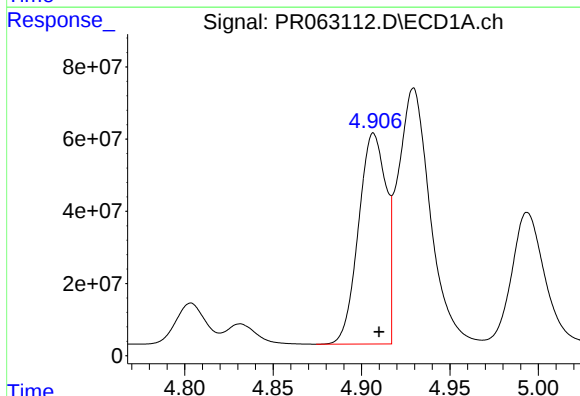
R.T.: 5.200 min
Delta R.T.: -0.004 min
Response: 262454609
Conc: 13473.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



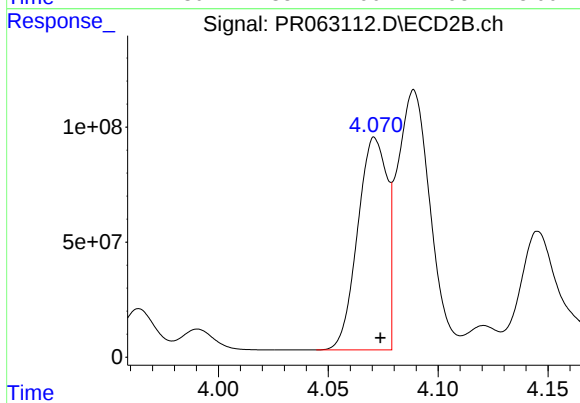
#15 AR-1232-5

R.T.: 4.538 min
Delta R.T.: -0.003 min
Response: 496555882
Conc: 13366.95 ng/ml



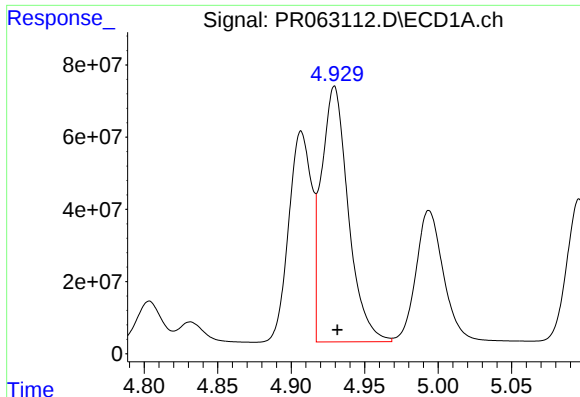
#16 AR-1242-1

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 633670099
Conc: 9062.92 ng/ml



#16 AR-1242-1

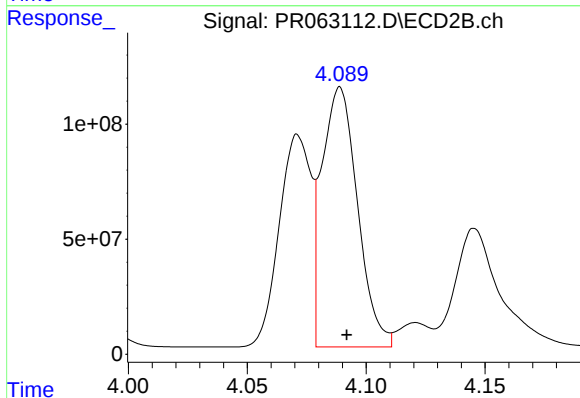
R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 857592421
Conc: 8849.48 ng/ml



#17 AR-1242-2

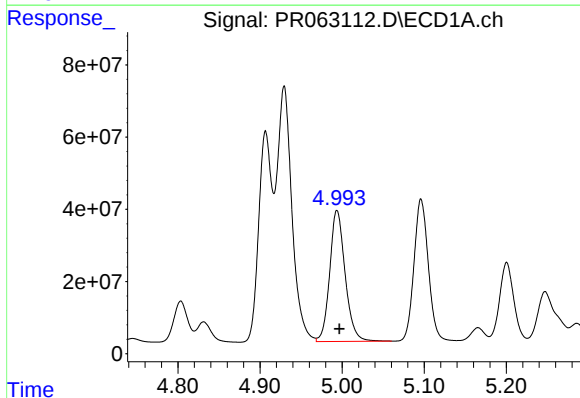
R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 905261133
Conc: 9074.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



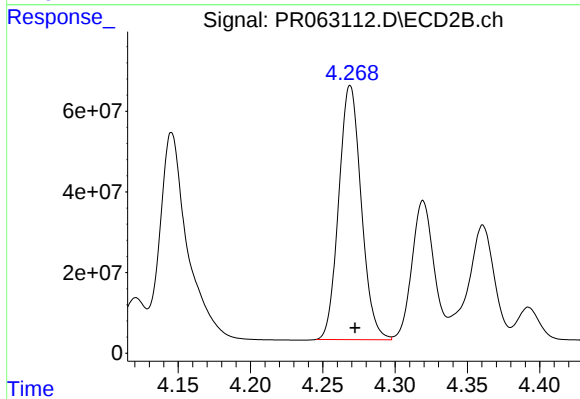
#17 AR-1242-2

R.T.: 4.089 min
Delta R.T.: -0.003 min
Response: 1178663724
Conc: 8655.02 ng/ml



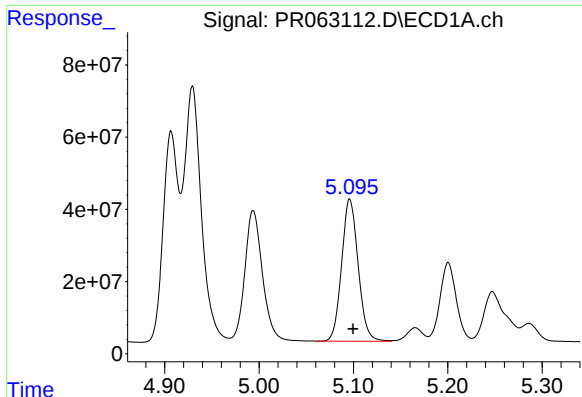
#18 AR-1242-3

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 474057720
Conc: 7575.80 ng/ml



#18 AR-1242-3

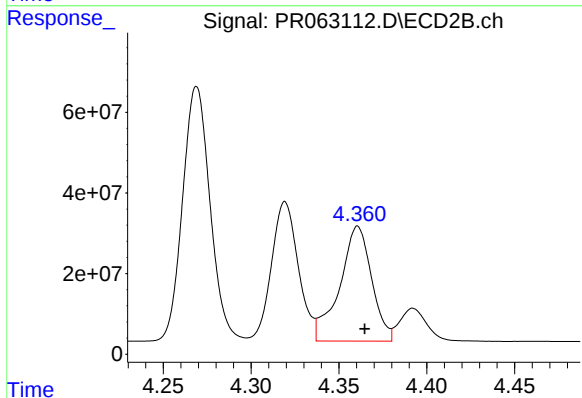
R.T.: 4.269 min
Delta R.T.: -0.003 min
Response: 683931475
Conc: 9233.73 ng/ml



#19 AR-1242-4

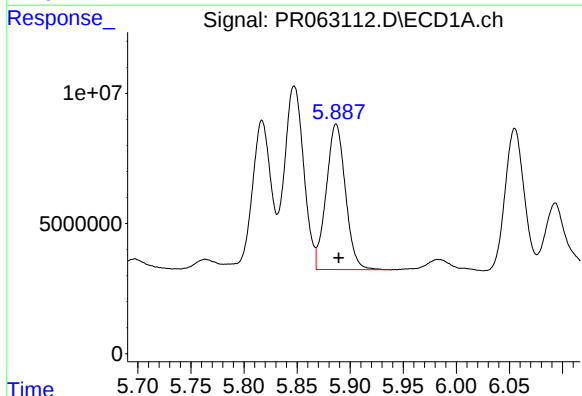
R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 478340757
Conc: 9659.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



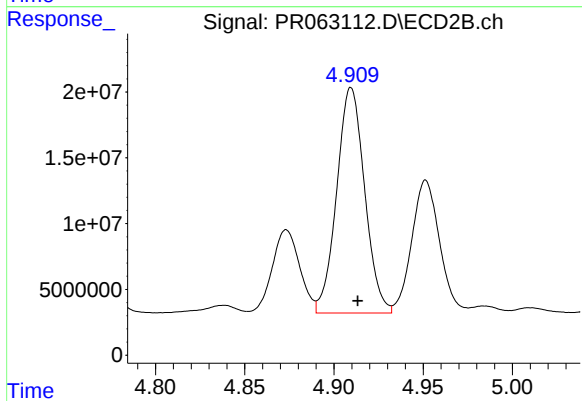
#19 AR-1242-4

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 361255103
Conc: 4896.35 ng/ml



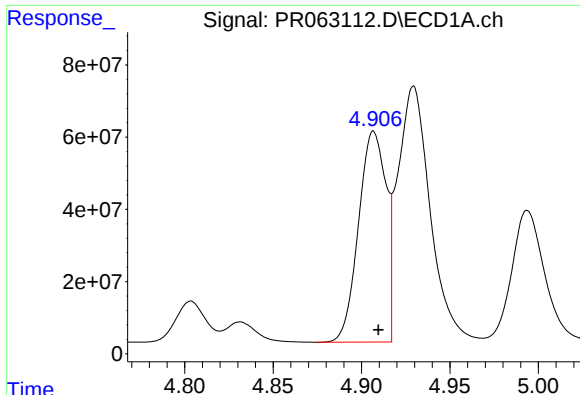
#20 AR-1242-5

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 70373247
Conc: 1382.09 ng/ml



#20 AR-1242-5

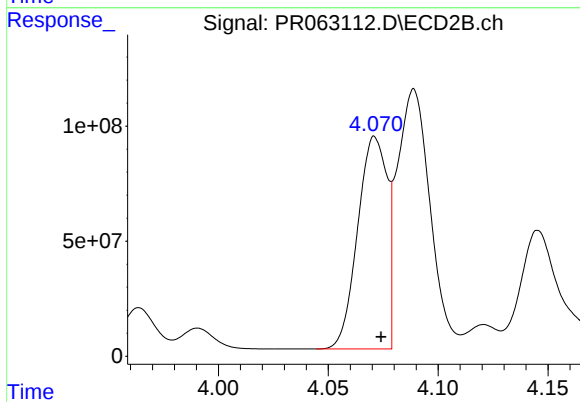
R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 187039030
Conc: 1994.38 ng/ml



#21 AR-1248-1

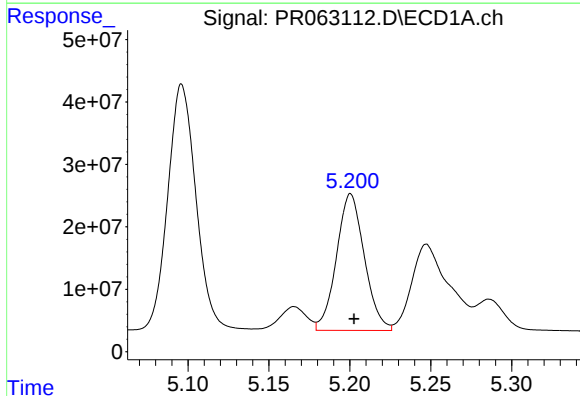
R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 633670099
Conc: 12458.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



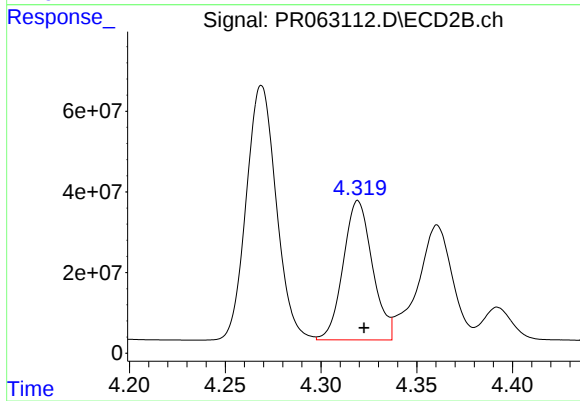
#21 AR-1248-1

R.T.: 4.071 min
Delta R.T.: -0.003 min
Response: 857592421
Conc: 11952.51 ng/ml



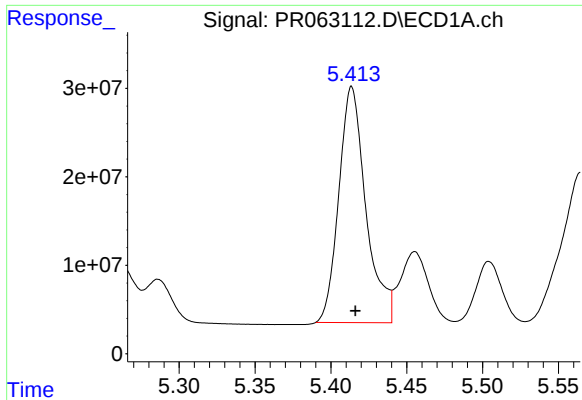
#22 AR-1248-2

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 262454609
Conc: 3582.45 ng/ml



#22 AR-1248-2

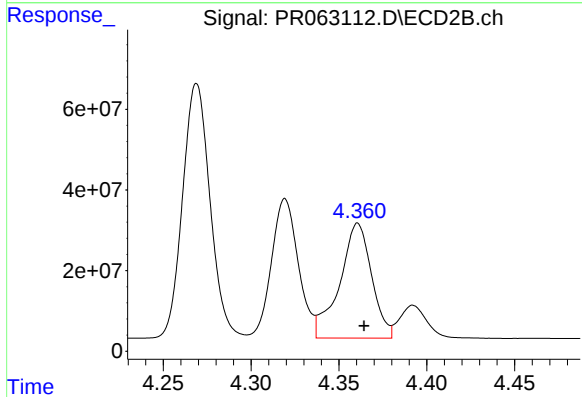
R.T.: 4.319 min
Delta R.T.: -0.003 min
Response: 367197043
Conc: 3568.57 ng/ml



#23 AR-1248-3

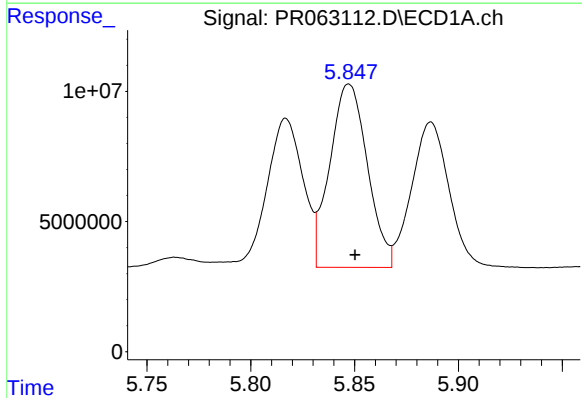
R.T.: 5.414 min
Delta R.T.: -0.002 min
Response: 331025598
Conc: 3945.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



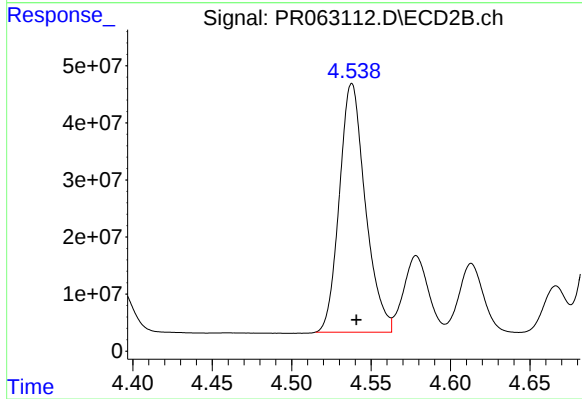
#23 AR-1248-3

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 361255103
Conc: 3428.35 ng/ml



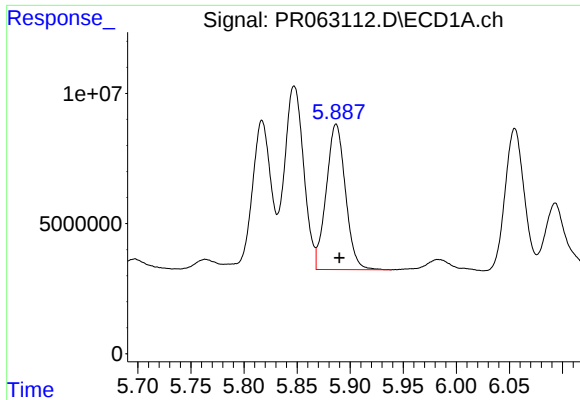
#24 AR-1248-4

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 88713315
Conc: 1026.54 ng/ml



#24 AR-1248-4

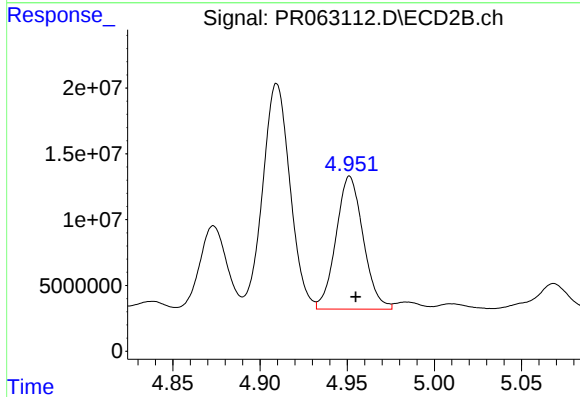
R.T.: 4.538 min
Delta R.T.: -0.003 min
Response: 496555882
Conc: 3924.24 ng/ml



#25 AR-1248-5

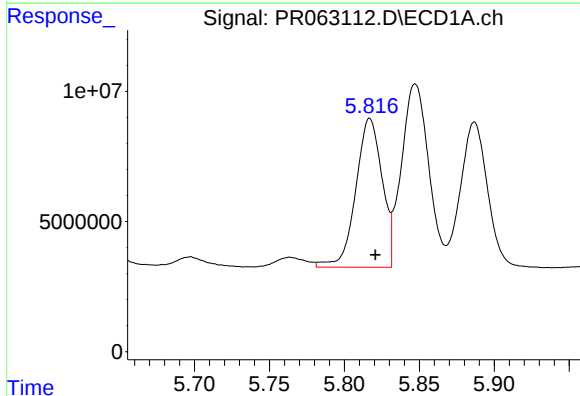
R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 70373247
Conc: 838.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



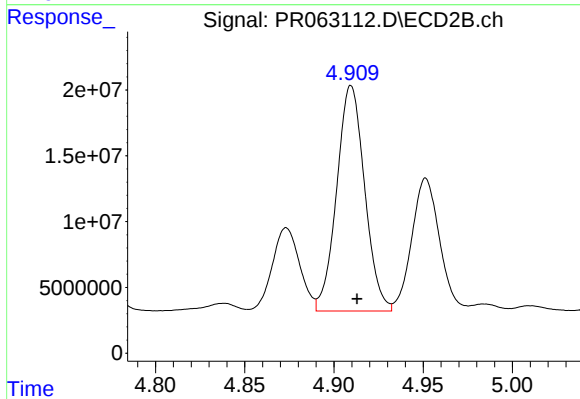
#25 AR-1248-5

R.T.: 4.951 min
Delta R.T.: -0.003 min
Response: 109814473
Conc: 867.37 ng/ml



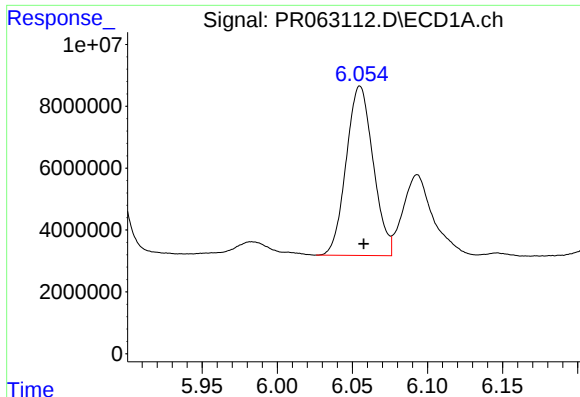
#26 AR-1254-1

R.T.: 5.817 min
Delta R.T.: -0.004 min
Response: 70095334
Conc: 777.73 ng/ml



#26 AR-1254-1

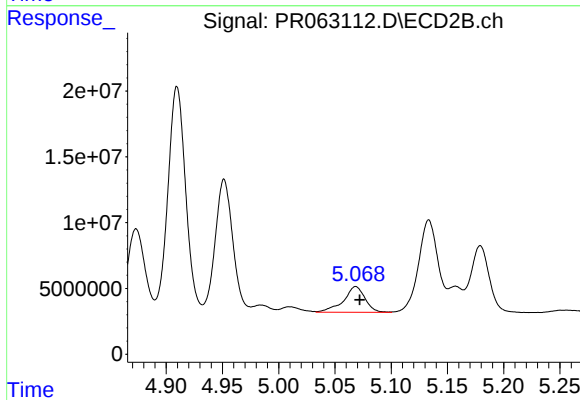
R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 187039030
Conc: 999.20 ng/ml



#27 AR-1254-2

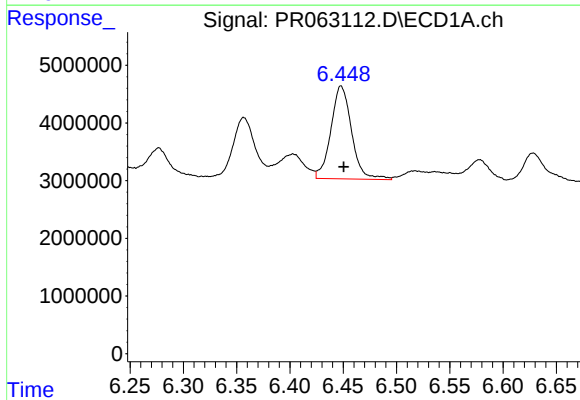
R.T.: 6.055 min
Delta R.T.: -0.003 min
Response: 68362857
Conc: 492.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



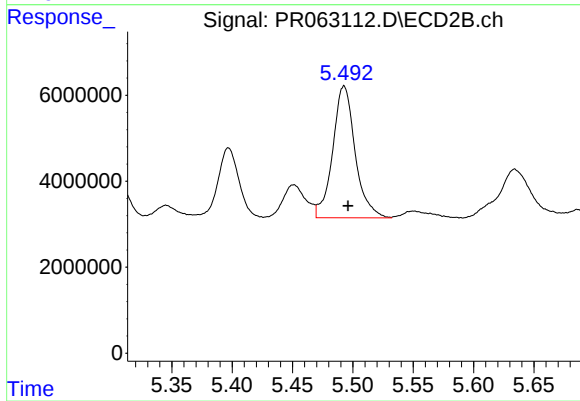
#27 AR-1254-2

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 26212203
Conc: 158.03 ng/ml



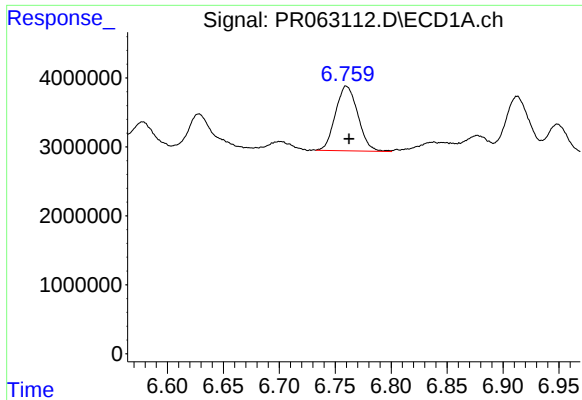
#28 AR-1254-3

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 21776737
Conc: 155.17 ng/ml



#28 AR-1254-3

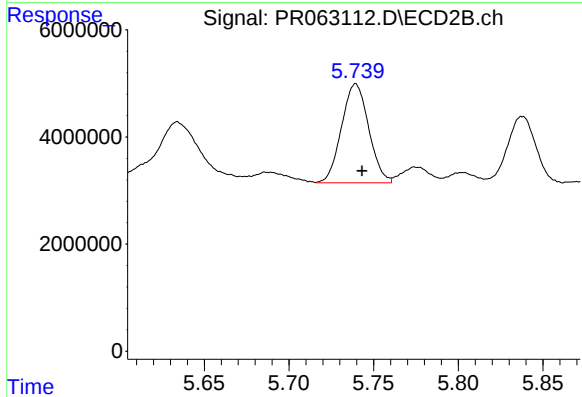
R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 39730457
Conc: 146.33 ng/ml



#29 AR-1254-4

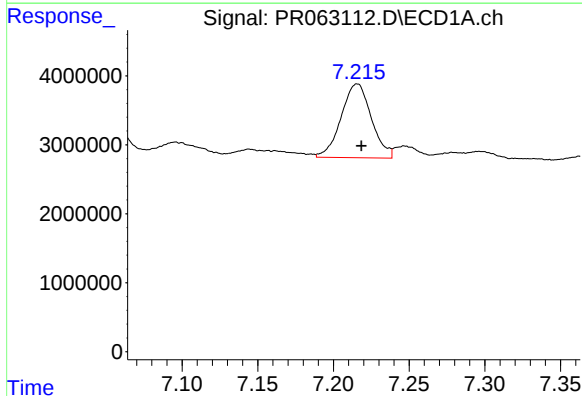
R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 13063407
Conc: 137.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



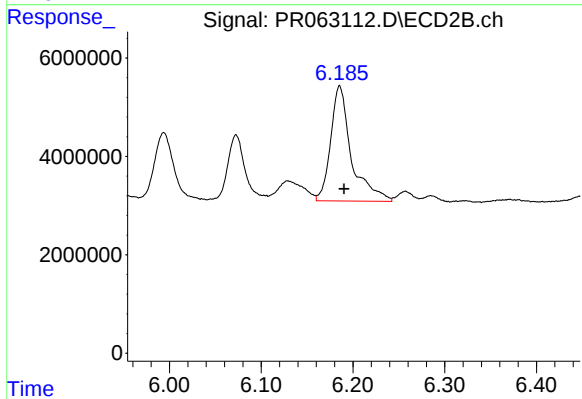
#29 AR-1254-4

R.T.: 5.739 min
Delta R.T.: -0.004 min
Response: 20685723
Conc: 119.01 ng/ml



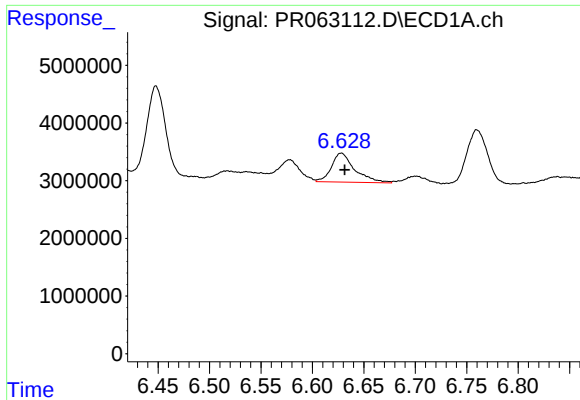
#30 AR-1254-5

R.T.: 7.216 min
Delta R.T.: -0.003 min
Response: 14869427
Conc: 143.34 ng/ml



#30 AR-1254-5

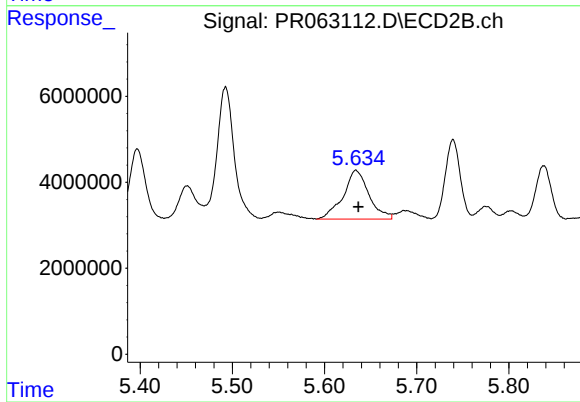
R.T.: 6.185 min
Delta R.T.: -0.005 min
Response: 36777154
Conc: 144.01 ng/ml



#31 AR-1260-1

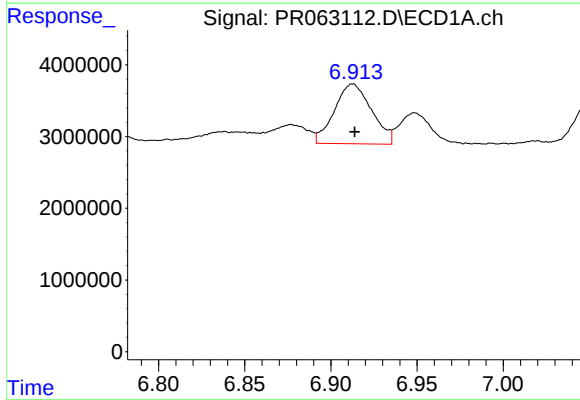
R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 7905568
Conc: 74.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



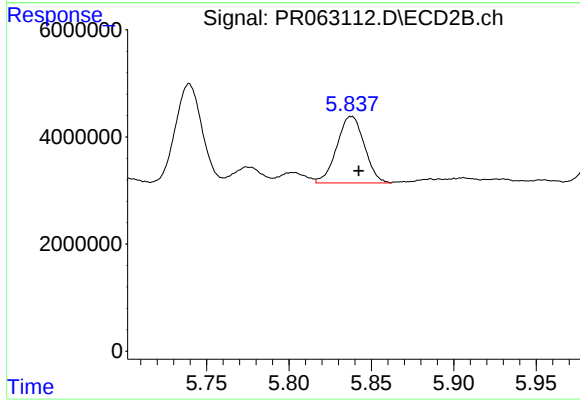
#31 AR-1260-1

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 22017932
Conc: 118.28 ng/ml



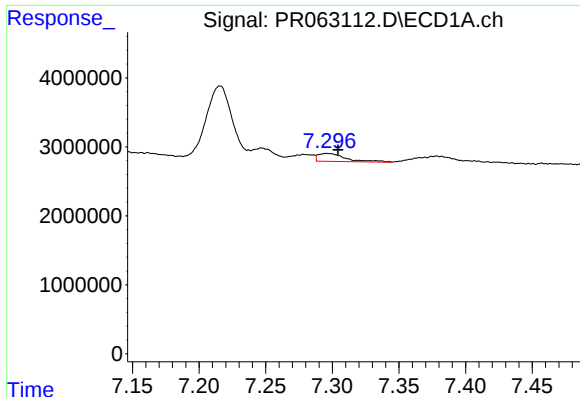
#32 AR-1260-2

R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 12552743
Conc: 104.25 ng/ml



#32 AR-1260-2

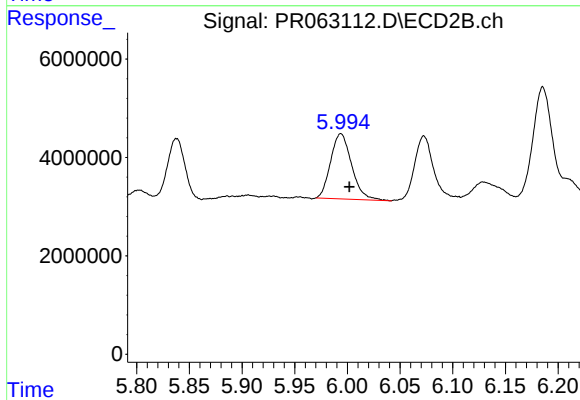
R.T.: 5.838 min
Delta R.T.: -0.005 min
Response: 14395381
Conc: 63.92 ng/ml



#33 AR-1260-3

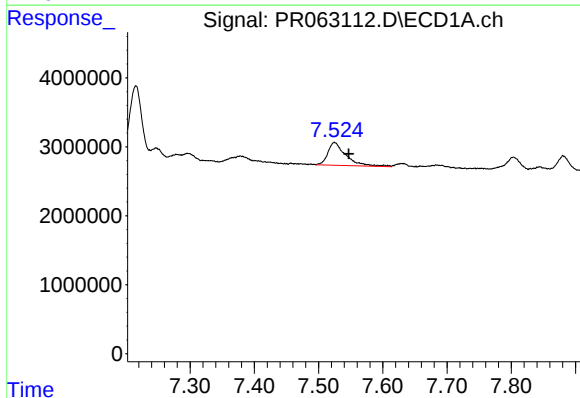
R.T.: 7.296 min
Delta R.T.: -0.008 min
Response: 1671753
Conc: 18.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



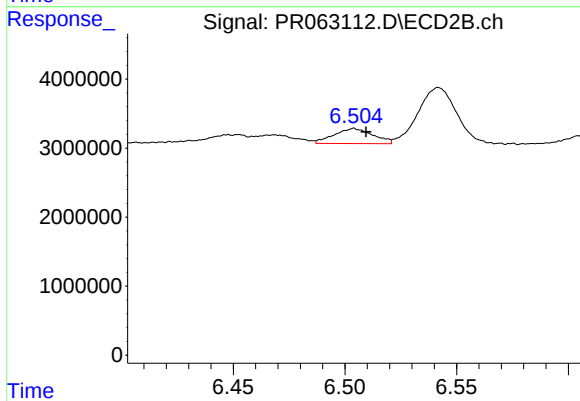
#33 AR-1260-3

R.T.: 5.994 min
Delta R.T.: -0.008 min
Response: 18368211
Conc: 82.70 ng/ml



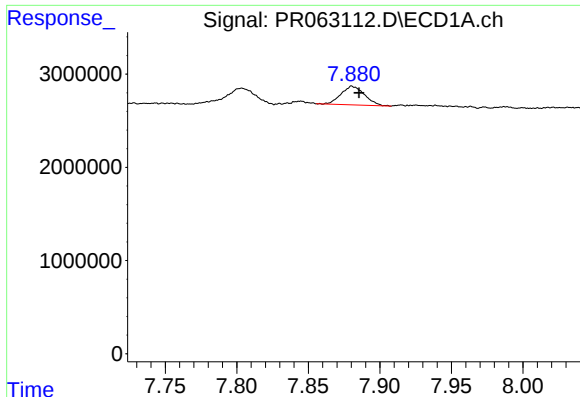
#34 AR-1260-4

R.T.: 7.525 min
Delta R.T.: -0.022 min
Response: 6463746
Conc: 65.35 ng/ml



#34 AR-1260-4

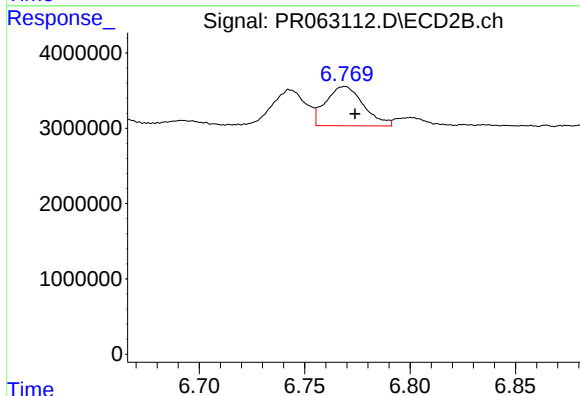
R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 2639881
Conc: 14.15 ng/ml



#35 AR-1260-5

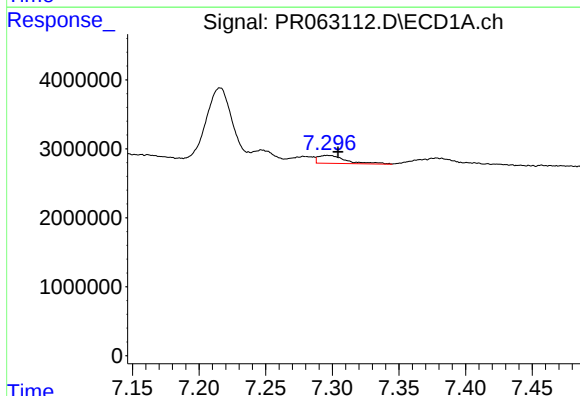
R.T.: 7.881 min
Delta R.T.: -0.005 min
Response: 2286764
Conc: 13.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



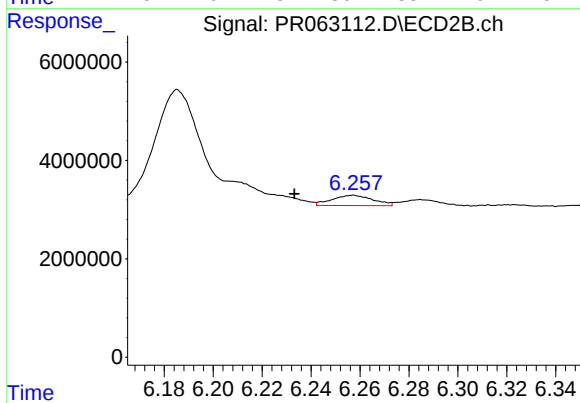
#35 AR-1260-5

R.T.: 6.769 min
Delta R.T.: -0.005 min
Response: 6503889
Conc: 14.87 ng/ml



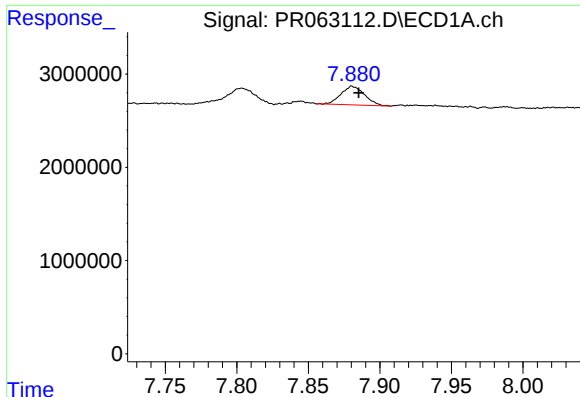
#36 AR-1262-1

R.T.: 7.296 min
Delta R.T.: -0.008 min
Response: 1671753
Conc: 13.03 ng/ml



#36 AR-1262-1

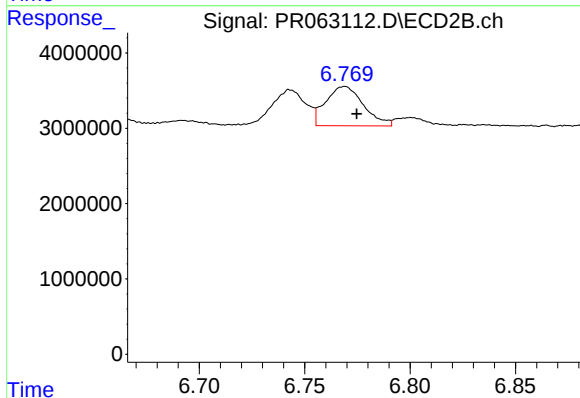
R.T.: 6.257 min
Delta R.T.: 0.024 min
Response: 2443201
Conc: 9.29 ng/ml



#37 AR-1262-2

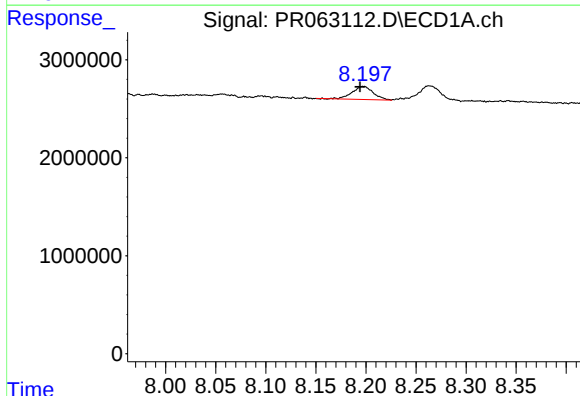
R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 2286764
Conc: 11.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



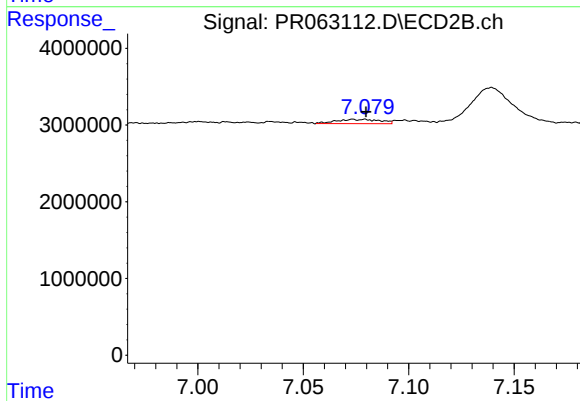
#37 AR-1262-2

R.T.: 6.769 min
Delta R.T.: -0.006 min
Response: 6503889
Conc: 13.36 ng/ml



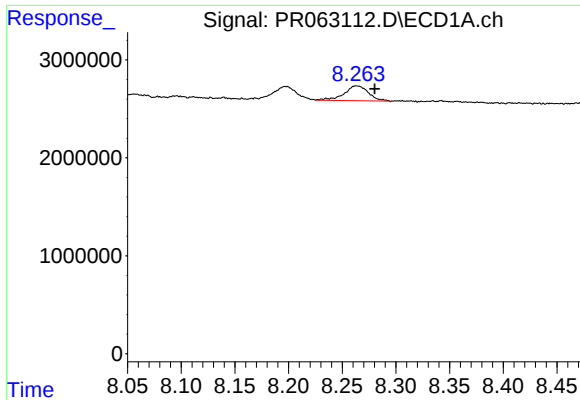
#38 AR-1262-3

R.T.: 8.197 min
Delta R.T.: 0.003 min
Response: 1929355
Conc: 13.93 ng/ml



#38 AR-1262-3

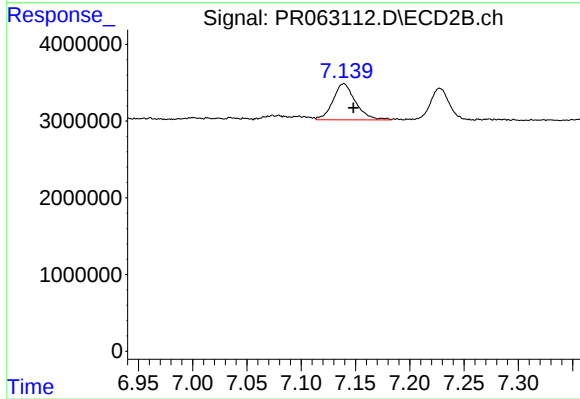
R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 799971
Conc: 4.05 ng/ml



#39 AR-1262-4

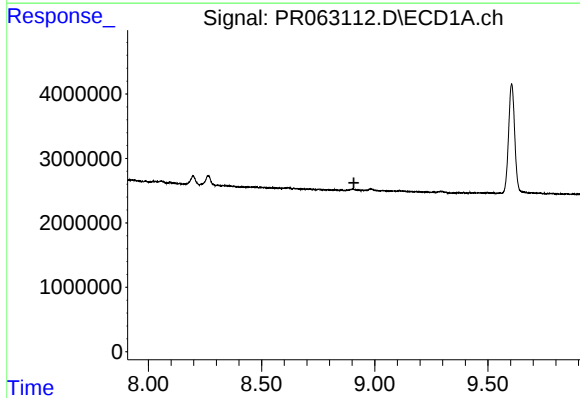
R.T.: 8.263 min
Delta R.T.: -0.017 min
Response: 2385595
Conc: 22.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



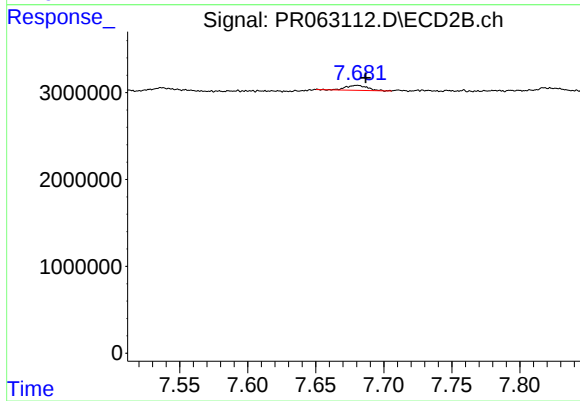
#39 AR-1262-4

R.T.: 7.139 min
Delta R.T.: -0.009 min
Response: 6833441
Conc: 18.37 ng/ml



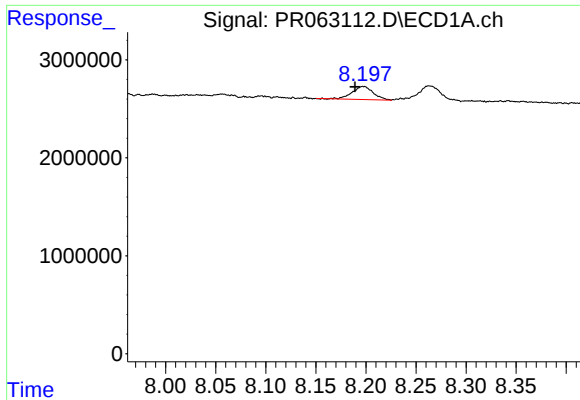
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.908 min
Response: 0
Conc: N.D.



#40 AR-1262-5

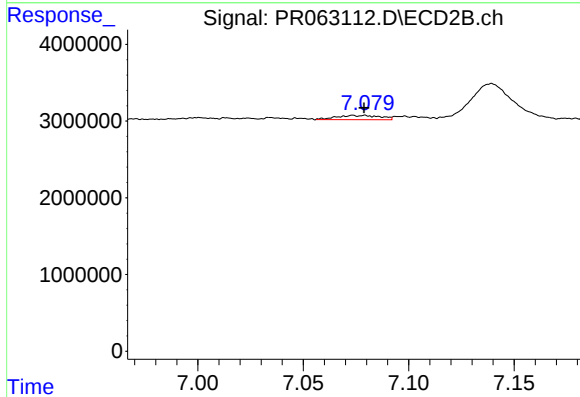
R.T.: 7.680 min
Delta R.T.: -0.006 min
Response: 618811
Conc: 3.44 ng/ml



#41 AR-1268-1

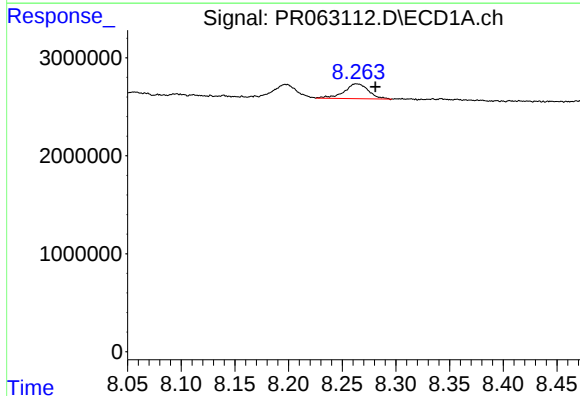
R.T.: 8.197 min
Delta R.T.: 0.008 min
Response: 1929355
Conc: 7.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



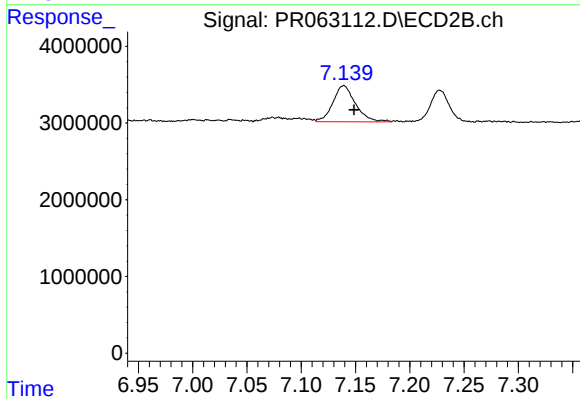
#41 AR-1268-1

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 799971
Conc: 1.37 ng/ml



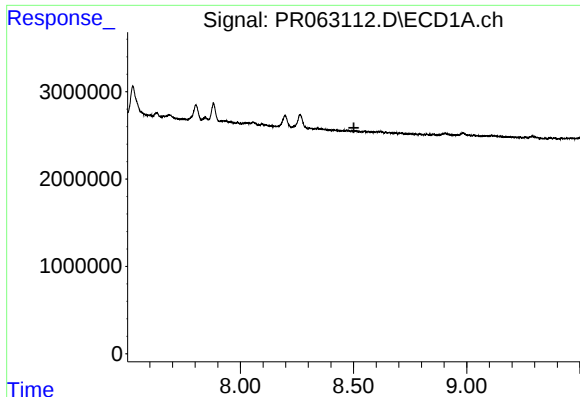
#42 AR-1268-2

R.T.: 8.263 min
Delta R.T.: -0.018 min
Response: 2385595
Conc: 10.44 ng/ml



#42 AR-1268-2

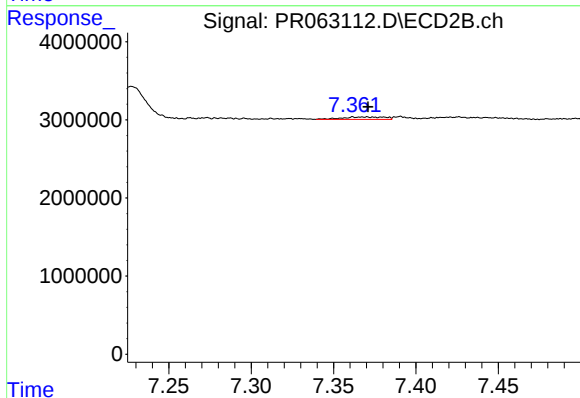
R.T.: 7.139 min
Delta R.T.: -0.010 min
Response: 6833441
Conc: 12.74 ng/ml



#43 AR-1268-3

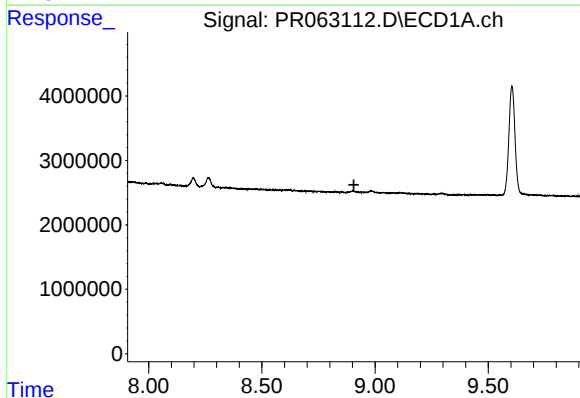
R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



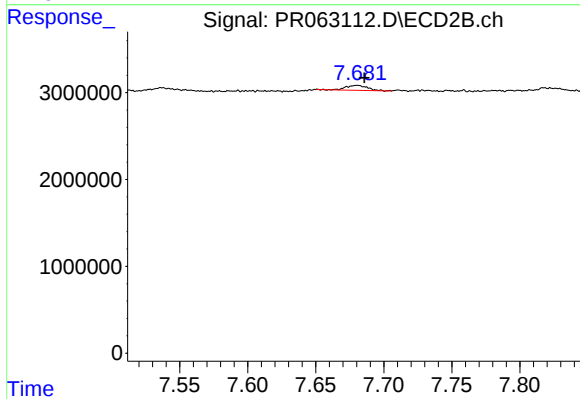
#43 AR-1268-3

R.T.: 7.362 min
Delta R.T.: -0.009 min
Response: 549923
Conc: 1.16 ng/ml



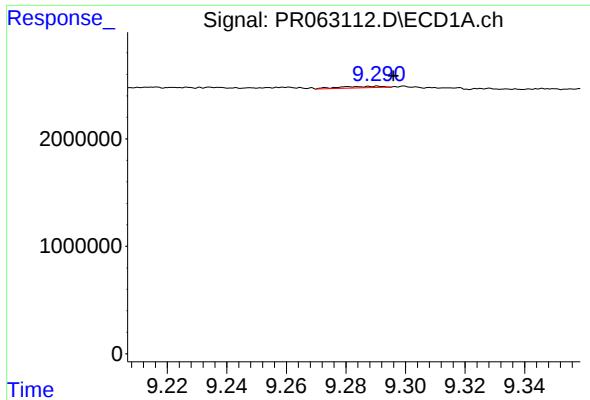
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.906 min
Response: 0
Conc: N.D.



#44 AR-1268-4

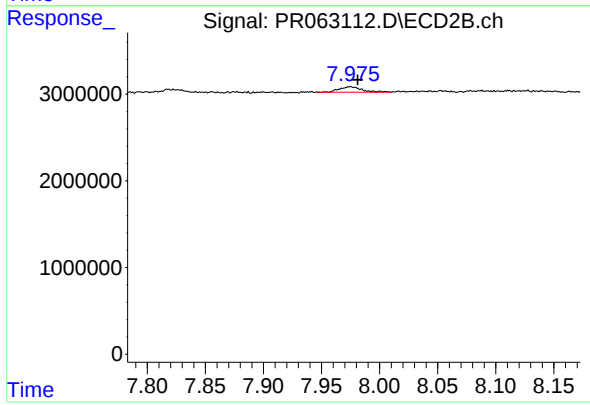
R.T.: 7.680 min
Delta R.T.: -0.005 min
Response: 618811
Conc: 3.05 ng/ml



#45 AR-1268-5

R.T.: 9.291 min
Delta R.T.: -0.005 min
Response: 134773
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.975 min
Delta R.T.: -0.006 min
Response: 831164
Conc: 0.57 ng/ml