

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021419\
 Data File : PR035460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2019 01:34
 Operator : SM\SJ
 Sample : K1492-11 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 CB5B5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 02:10:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR020119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Feb 02 01:45:00 2019
 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...	4.425	3.499	4456709	11377094	2.874	3.709 #
2)	SA Decachlor...	10.100	8.380	12194894	24953255	5.522	4.364
Target Compounds							
3)	L1 AR-1016-1	5.589	4.557	18208289	35913015	186.767	162.947
4)	L1 AR-1016-2	5.613	4.573	40633582	62548925	278.692	180.443 #
5)	L1 AR-1016-3	5.677	4.747	14275719	44657629	159.186	253.836 #
6)	L1 AR-1016-4	5.769	4.787	17429858	105.9E6	231.955	780.592 #
7)	L1 AR-1016-5	6.062	4.994	41315808	86471994	548.974	444.152
8)	L2 AR-1221-1	0.000	3.702	0	4180224	N.D.	99.375 #
9)	L2 AR-1221-2	4.721	3.791	1070003	3734507	83.635	119.681 #
10)	L2 AR-1221-3	4.798	3.865	3817419	7288684	82.776	67.968
11)	L3 AR-1232-1	4.798	3.865	3817419	7288684	114.253	91.689
12)	L3 AR-1232-2	5.323	4.573	21264666	62548925	1155.109	645.119 #
13)	L3 AR-1232-3	5.613	4.747	40633582	44657629	997.899	896.938
14)	L3 AR-1232-4	5.769	4.827	17429858	74107764	856.941	1666.993 #
15)	L3 AR-1232-5	5.859	4.994	49747525	86471994	3217.748	1689.909 #
16)	L4 AR-1242-1	5.589	4.557	18208289	35913015	332.619	287.664
17)	L4 AR-1242-2	5.613	4.573	40633582	62548925	497.023	318.117 #
18)	L4 AR-1242-3	5.677	4.747	14275719	44657629	282.317	434.683 #
19)	L4 AR-1242-4	5.769	4.827	17429858	74107764	418.640	735.051 #
20)	L4 AR-1242-5	6.504	5.338	41135157	867.9E6	813.086	5996.472 #
21)	L5 AR-1248-1	5.589	4.557	18208289	35913015	469.064	391.468
22)	L5 AR-1248-2	5.859	4.787	49747525	105.9E6	878.188	824.357
23)	L5 AR-1248-3	6.062	4.827	41315808	74107764	645.086	558.921
24)	L5 AR-1248-4	6.436	4.994	403.0E6	86471994	5124.921	517.383 #
25)	L5 AR-1248-5	6.504	5.378	41135157	48630793	553.279	275.060 #
26)	L6 AR-1254-1	6.436	5.338	403.0E6	867.9E6	3630.179	2245.209 #
27)	L6 AR-1254-2	6.652	5.483	529.3E6	1050.8E6	2979.798	3091.693
28)	L6 AR-1254-3	7.019	5.892	226.3E6	2378.9E6	1185.983	4062.107 #
29)	L6 AR-1254-4	7.302	6.103	189.9E6	187.3E6	1179.208	477.177 #
30)	L6 AR-1254-5	7.718	6.513	2154.2E6	4554.0E6	13056.937	8237.136 #
31)	L7 AR-1260-1	7.180	6.006	1504.6E6	3493.3E6	8747.840	7727.993
32)	L7 AR-1260-2	7.435	6.191	2013.8E6	4448.0E6	8317.620	7330.391
33)	L7 AR-1260-3	7.718	6.342	2154.2E6	3899.9E6	8088.835	7195.363
34)	L7 AR-1260-4	8.017	6.806	1580.9E6	3300.2E6	8383.236	7203.281
35)	L7 AR-1260-5	8.335	7.047	3491.2E6	8250.4E6	7591.271	6535.735
36)	L8 AR-1262-1	7.792	6.550	1763.7E6	3972.4E6	9526.172	8346.799
37)	L8 AR-1262-2	8.335	7.047	3491.2E6	8250.4E6	10888.646	9321.260
38)	L8 AR-1262-3	8.656	7.324	2071.6E6	1866.8E6	10159.088	5088.535 #
39)	L8 AR-1262-4	8.710	7.388	1261.0E6	5677.5E6	8387.357	9062.503
40)	L8 AR-1262-5	9.372	7.878	817.8E6	1982.2E6	8139.175	6967.260
41)	L9 AR-1268-1	8.656	7.324	2071.6E6	1866.8E6	3518.906	1163.937 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021419\
 Data File : PR035460.D
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 Acq On : 15 Feb 2019 01:34
 Operator : SM\SJ
 Sample : K1492-11 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

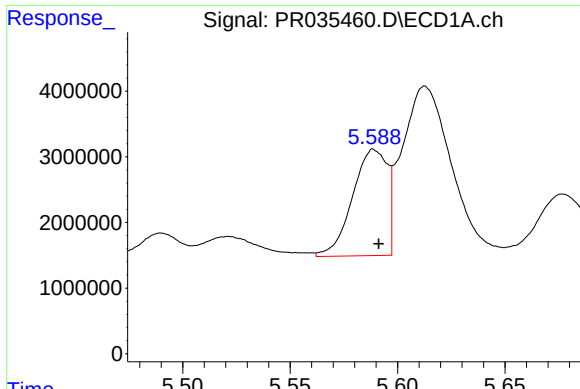
Instrument :
 ECD_R
 ClientSampleId :
 CB5B5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 02:10:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR020119CLP.M
 Quant Title : GC EXTRACTABLES
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 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	8.710	7.388	1261.0E6	5677.5E6	2551.425	3999.906 #
43) L9	AR-1268-3	8.951	7.589	28461790	69917154	63.910	56.410
44) L9	AR-1268-4	9.372	7.878	817.8E6	1982.2E6	5075.182	4348.162
45) L9	AR-1268-5	9.775	8.148	160.0E6	394.3E6	133.886	115.257

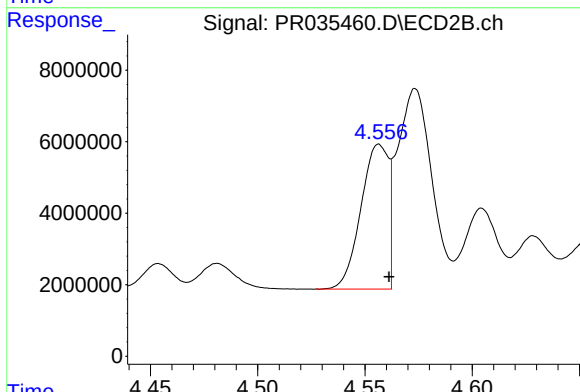
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

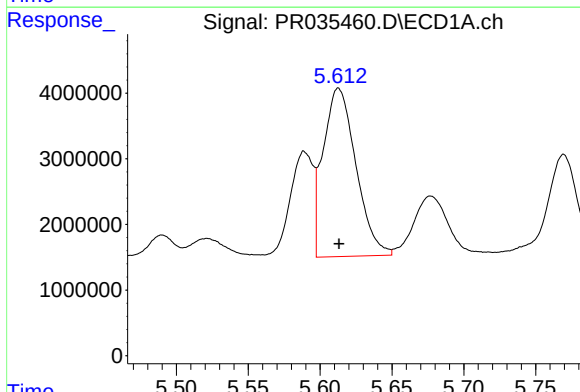
R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 18208289
Conc: 186.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



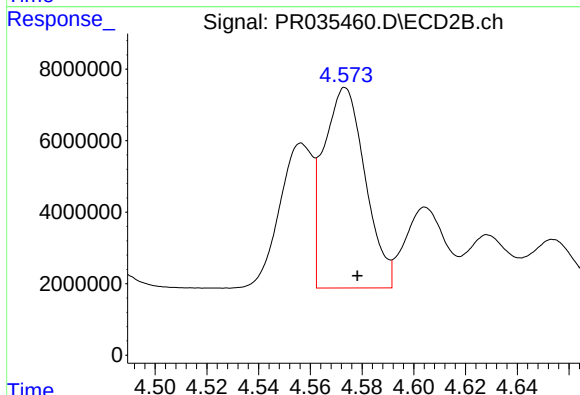
#3 AR-1016-1

R.T.: 4.557 min
Delta R.T.: -0.005 min
Response: 35913015
Conc: 162.95 ng/ml



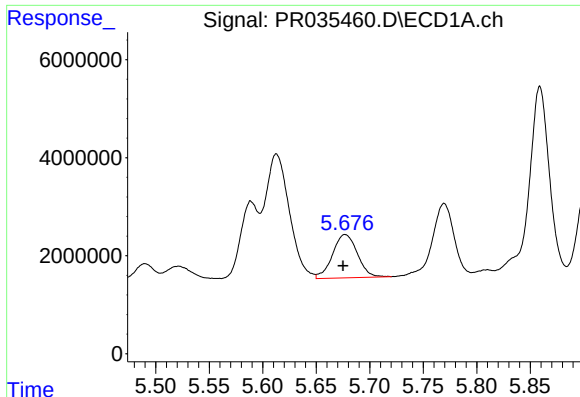
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 40633582
Conc: 278.69 ng/ml



#4 AR-1016-2

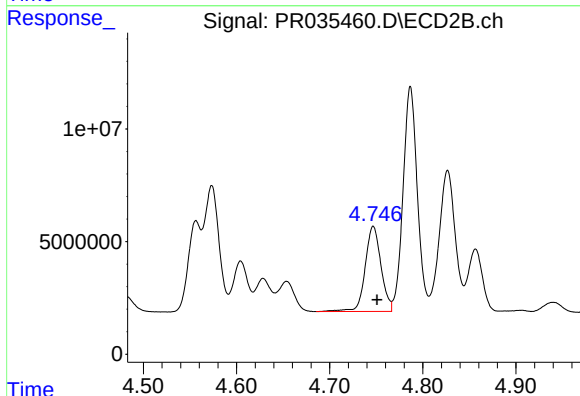
R.T.: 4.573 min
Delta R.T.: -0.005 min
Response: 62548925
Conc: 180.44 ng/ml



#5 AR-1016-3

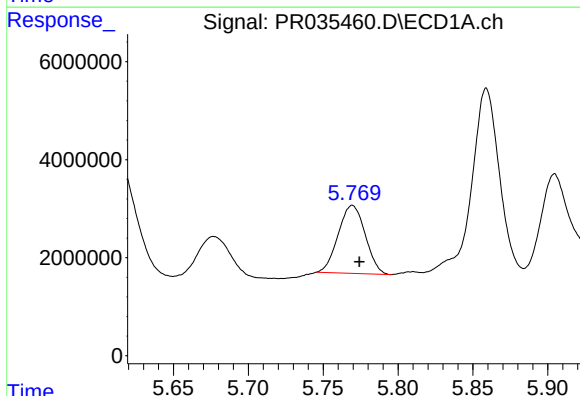
R.T.: 5.677 min
Delta R.T.: 0.002 min
Response: 14275719
Conc: 159.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



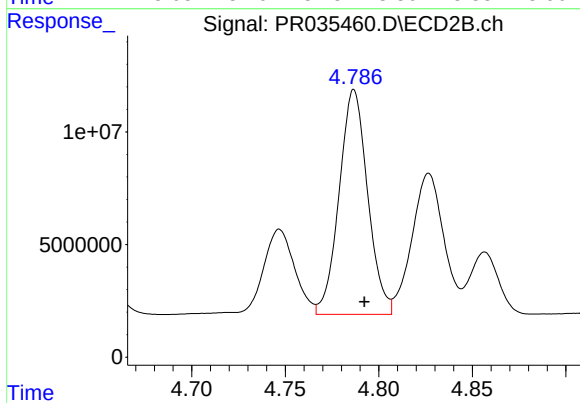
#5 AR-1016-3

R.T.: 4.747 min
Delta R.T.: -0.004 min
Response: 44657629
Conc: 253.84 ng/ml



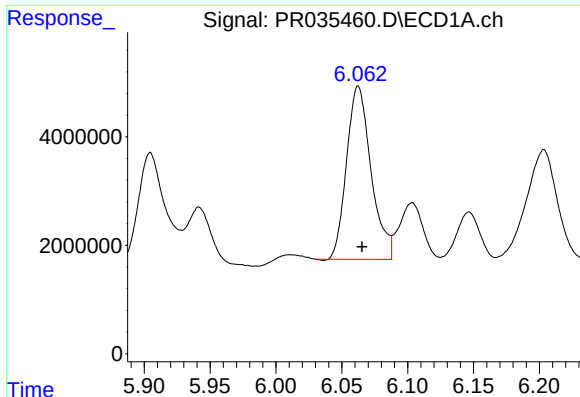
#6 AR-1016-4

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 17429858
Conc: 231.95 ng/ml



#6 AR-1016-4

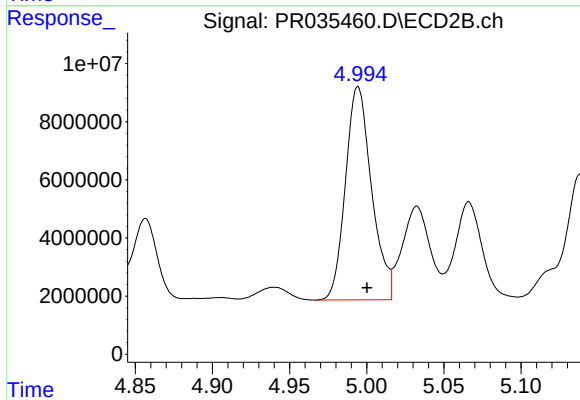
R.T.: 4.787 min
Delta R.T.: -0.005 min
Response: 105852844
Conc: 780.59 ng/ml



#7 AR-1016-5

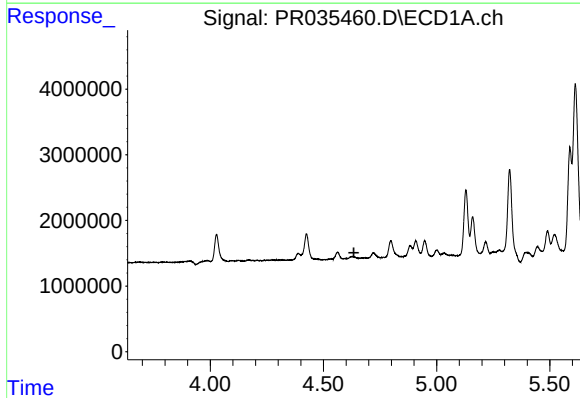
R.T.: 6.062 min
Delta R.T.: -0.003 min
Response: 41315808
Conc: 548.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



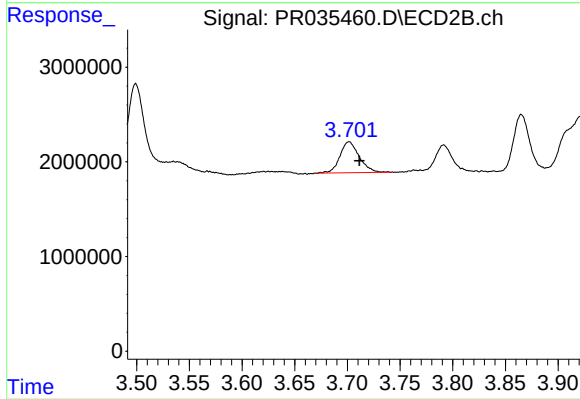
#7 AR-1016-5

R.T.: 4.994 min
Delta R.T.: -0.006 min
Response: 86471994
Conc: 444.15 ng/ml



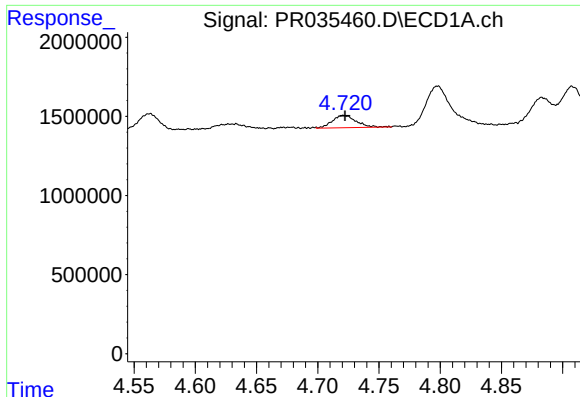
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.635 min
Response: 0
Conc: N.D.



#8 AR-1221-1

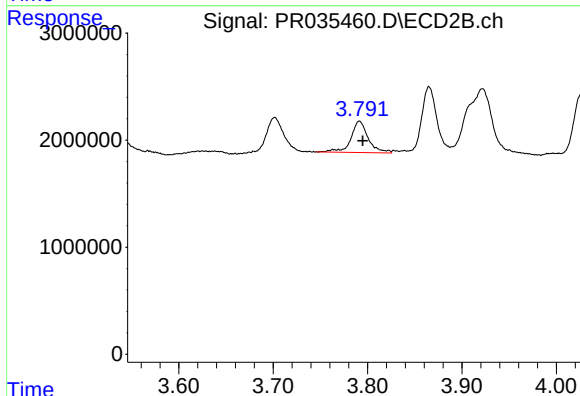
R.T.: 3.702 min
Delta R.T.: -0.010 min
Response: 4180224
Conc: 99.38 ng/ml



#9 AR-1221-2

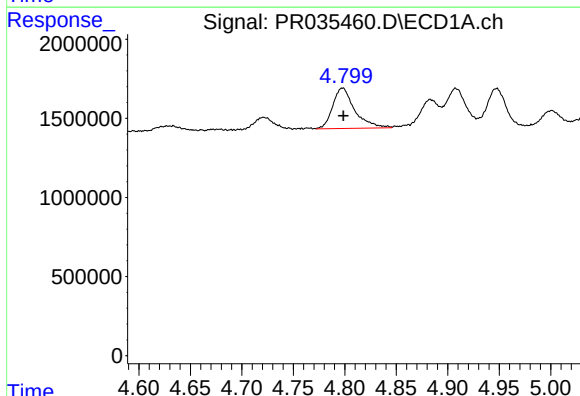
R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 1070003
Conc: 83.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



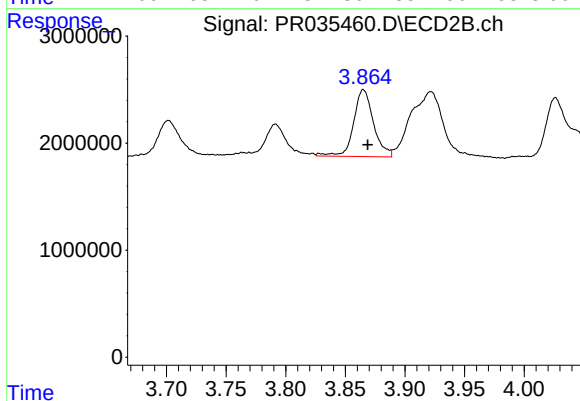
#9 AR-1221-2

R.T.: 3.791 min
Delta R.T.: -0.004 min
Response: 3734507
Conc: 119.68 ng/ml



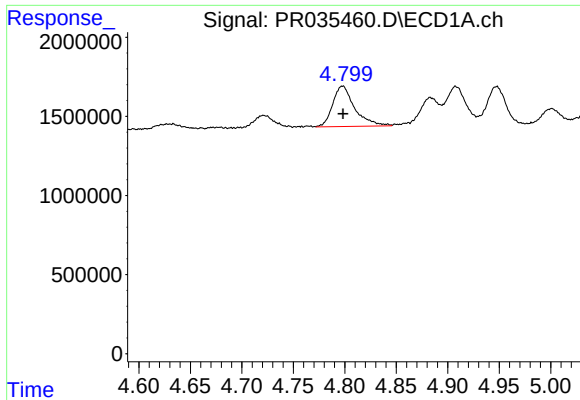
#10 AR-1221-3

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 3817419
Conc: 82.78 ng/ml



#10 AR-1221-3

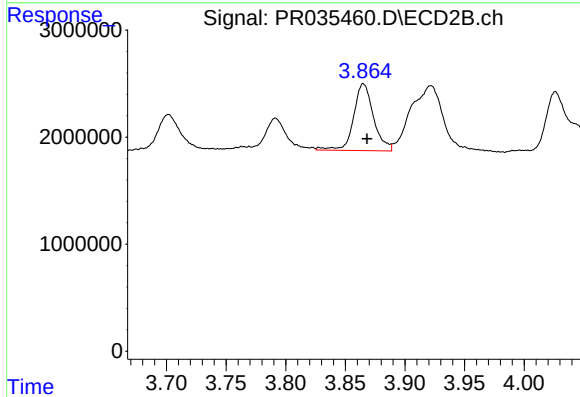
R.T.: 3.865 min
Delta R.T.: -0.004 min
Response: 7288684
Conc: 67.97 ng/ml



#11 AR-1232-1

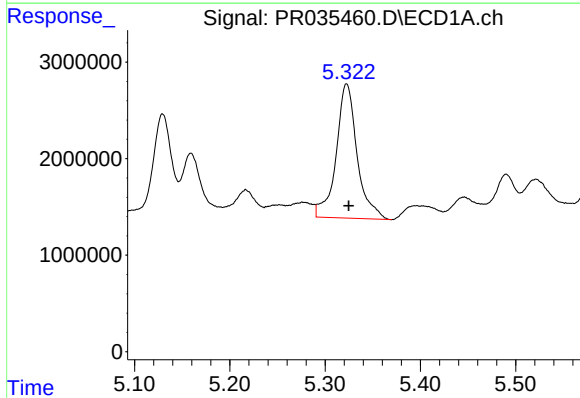
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 3817419
Conc: 114.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



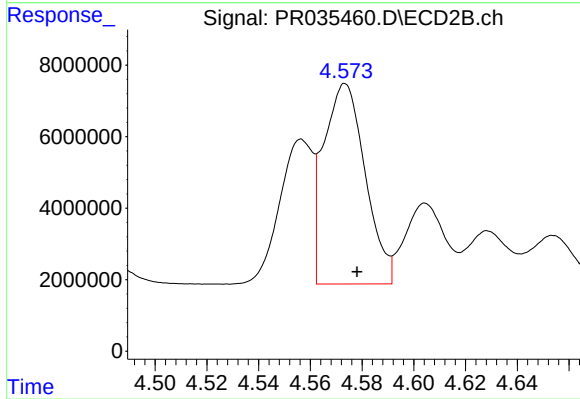
#11 AR-1232-1

R.T.: 3.865 min
Delta R.T.: -0.003 min
Response: 7288684
Conc: 91.69 ng/ml



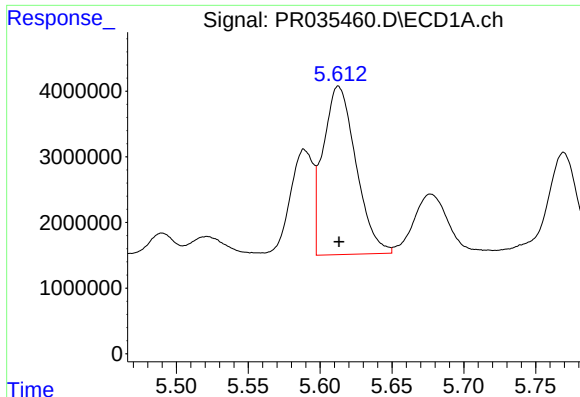
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 21264666
Conc: 1155.11 ng/ml



#12 AR-1232-2

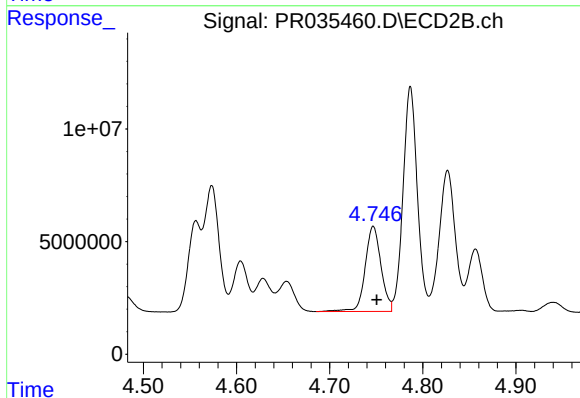
R.T.: 4.573 min
Delta R.T.: -0.005 min
Response: 62548925
Conc: 645.12 ng/ml



#13 AR-1232-3

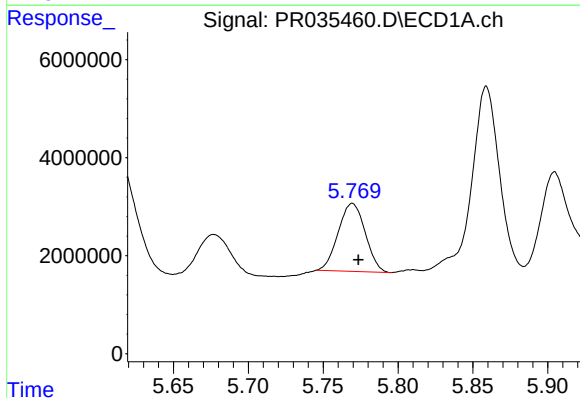
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 40633582
Conc: 997.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



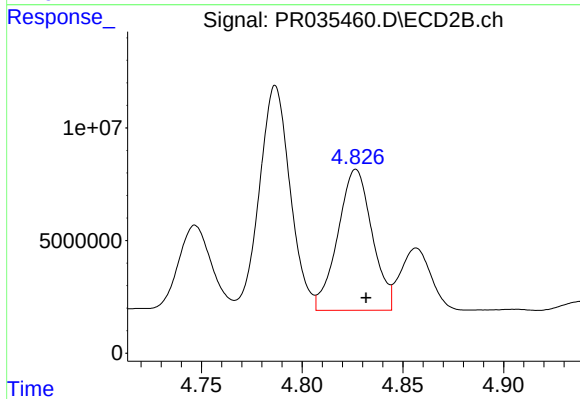
#13 AR-1232-3

R.T.: 4.747 min
Delta R.T.: -0.004 min
Response: 44657629
Conc: 896.94 ng/ml



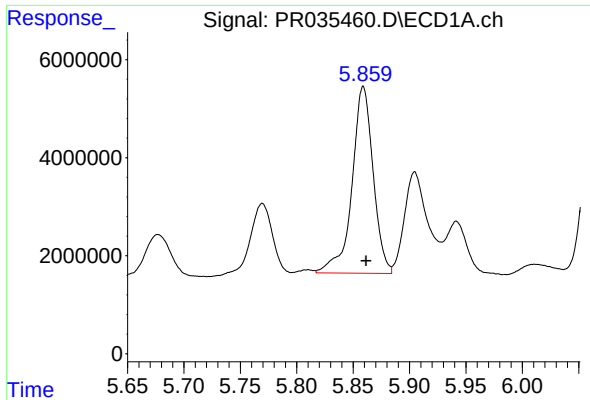
#14 AR-1232-4

R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 17429858
Conc: 856.94 ng/ml



#14 AR-1232-4

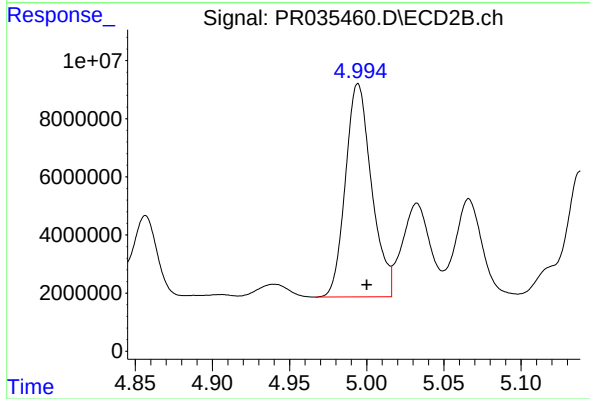
R.T.: 4.827 min
Delta R.T.: -0.005 min
Response: 74107764
Conc: 1666.99 ng/ml



#15 AR-1232-5

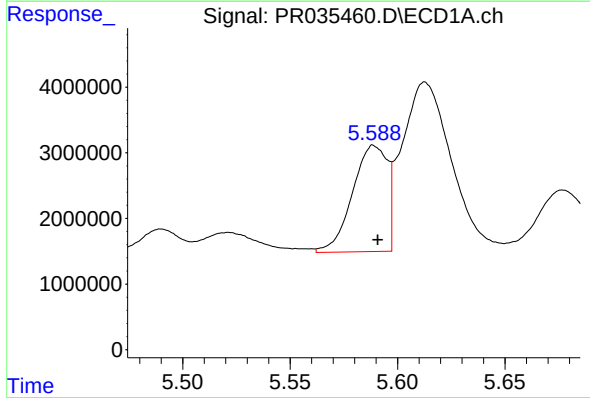
R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 49747525
Conc: 3217.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



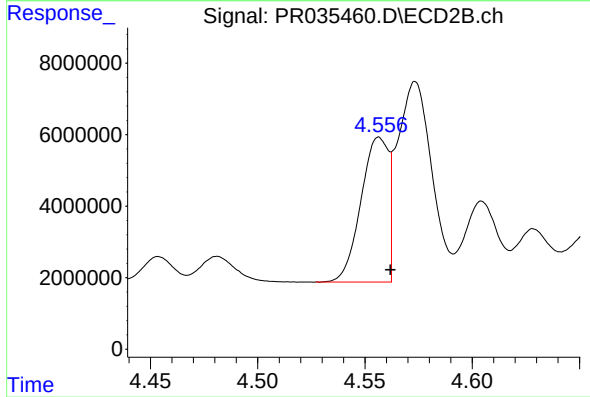
#15 AR-1232-5

R.T.: 4.994 min
Delta R.T.: -0.006 min
Response: 86471994
Conc: 1689.91 ng/ml



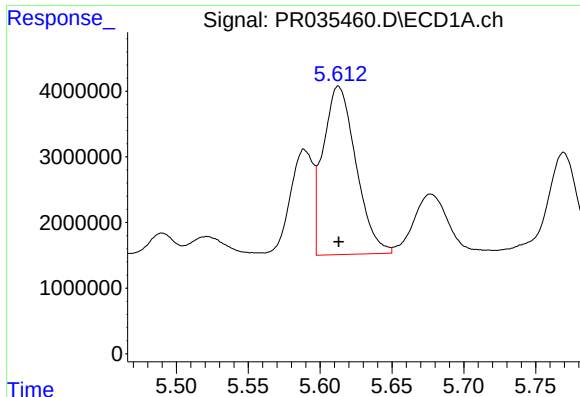
#16 AR-1242-1

R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 18208289
Conc: 332.62 ng/ml



#16 AR-1242-1

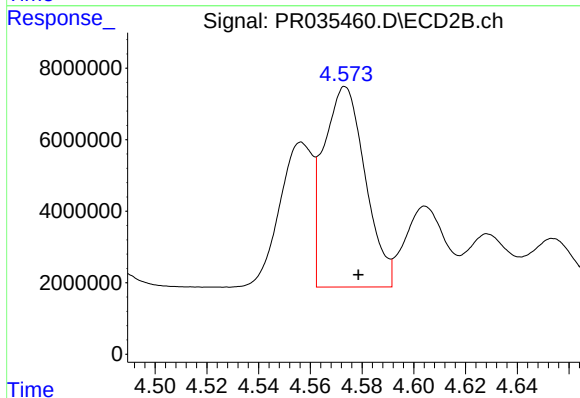
R.T.: 4.557 min
Delta R.T.: -0.005 min
Response: 35913015
Conc: 287.66 ng/ml



#17 AR-1242-2

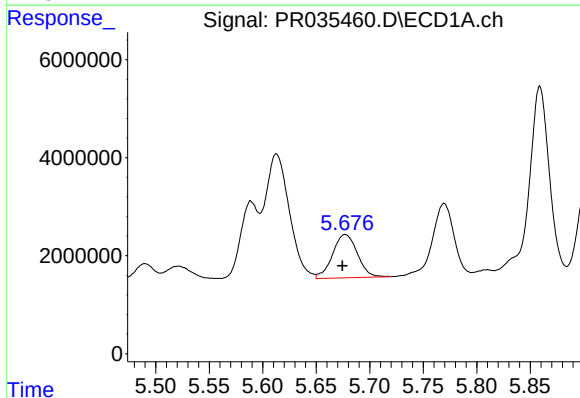
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 40633582
Conc: 497.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



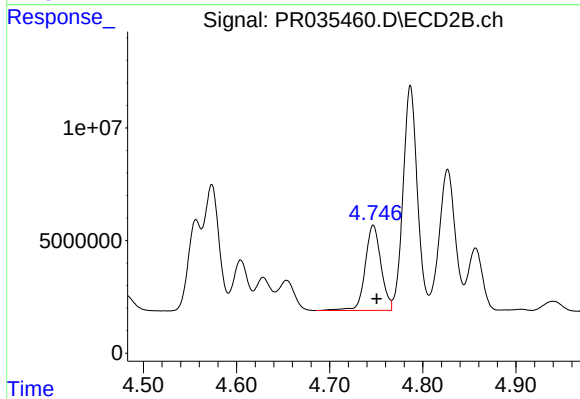
#17 AR-1242-2

R.T.: 4.573 min
Delta R.T.: -0.005 min
Response: 62548925
Conc: 318.12 ng/ml



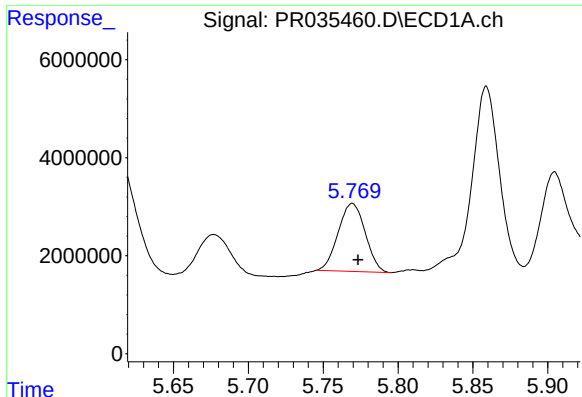
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: 0.002 min
Response: 14275719
Conc: 282.32 ng/ml



#18 AR-1242-3

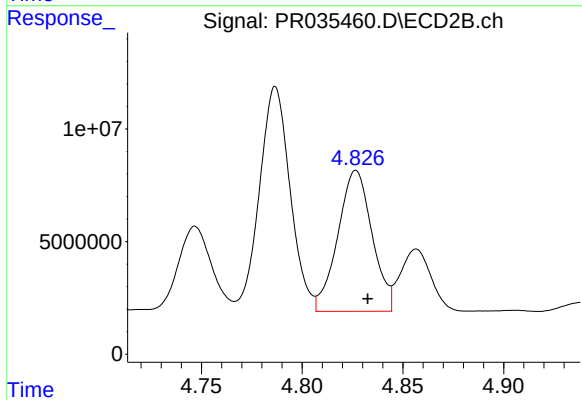
R.T.: 4.747 min
Delta R.T.: -0.004 min
Response: 44657629
Conc: 434.68 ng/ml



#19 AR-1242-4

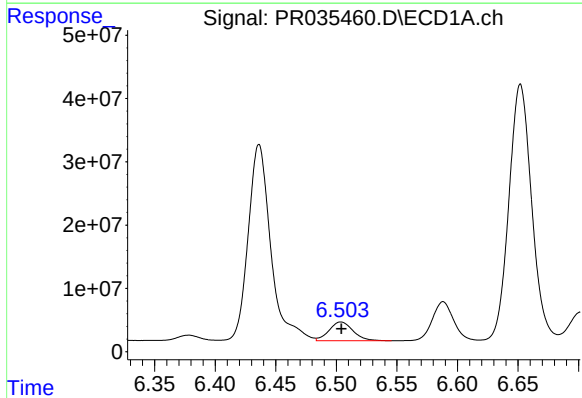
R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 17429858
Conc: 418.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



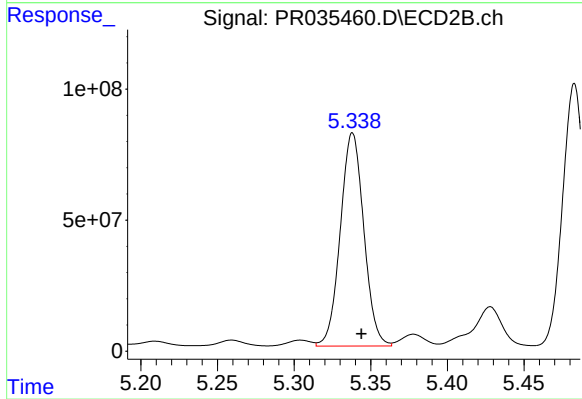
#19 AR-1242-4

R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 74107764
Conc: 735.05 ng/ml



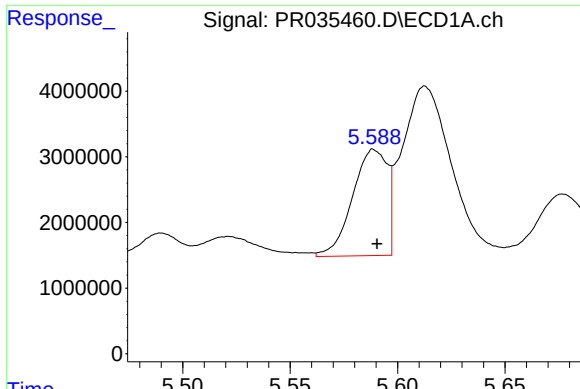
#20 AR-1242-5

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 41135157
Conc: 813.09 ng/ml



#20 AR-1242-5

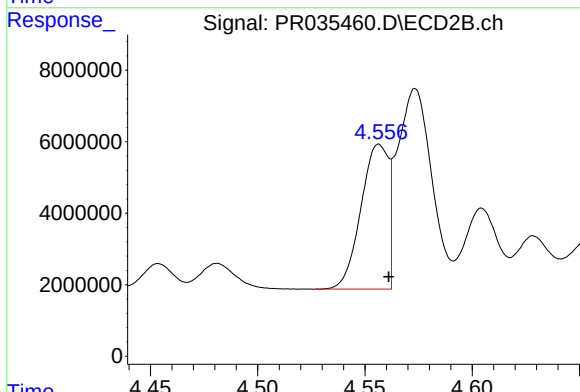
R.T.: 5.338 min
Delta R.T.: -0.006 min
Response: 867927629
Conc: 5996.47 ng/ml



#21 AR-1248-1

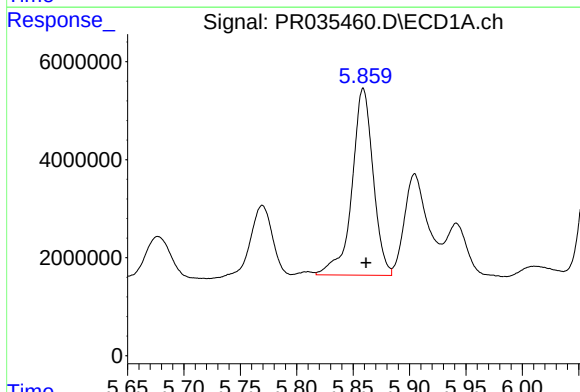
R.T.: 5.589 min
Delta R.T.: -0.001 min
Response: 18208289
Conc: 469.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



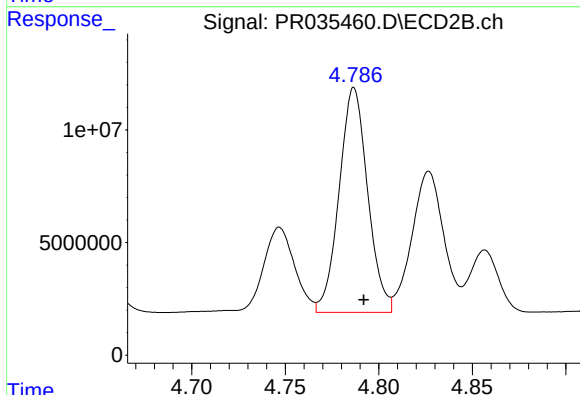
#21 AR-1248-1

R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 35913015
Conc: 391.47 ng/ml



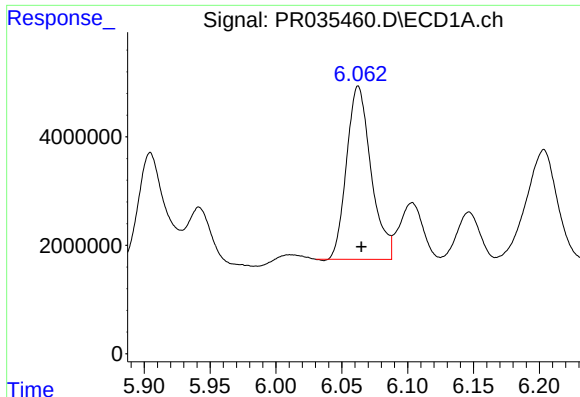
#22 AR-1248-2

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 49747525
Conc: 878.19 ng/ml



#22 AR-1248-2

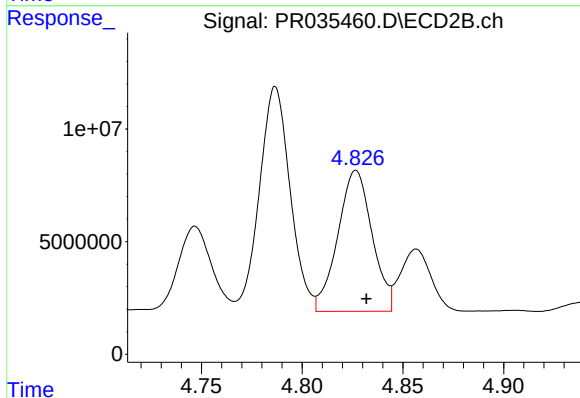
R.T.: 4.787 min
Delta R.T.: -0.005 min
Response: 105852844
Conc: 824.36 ng/ml



#23 AR-1248-3

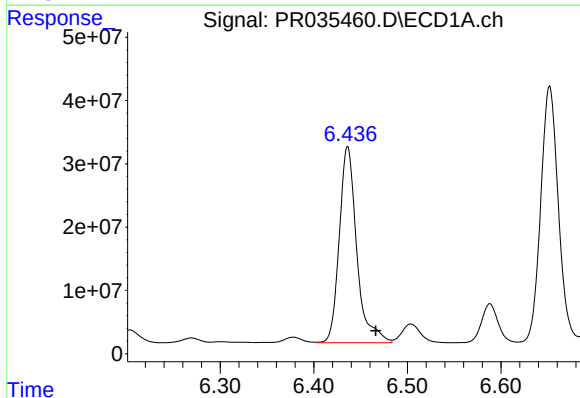
R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 41315808
Conc: 645.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



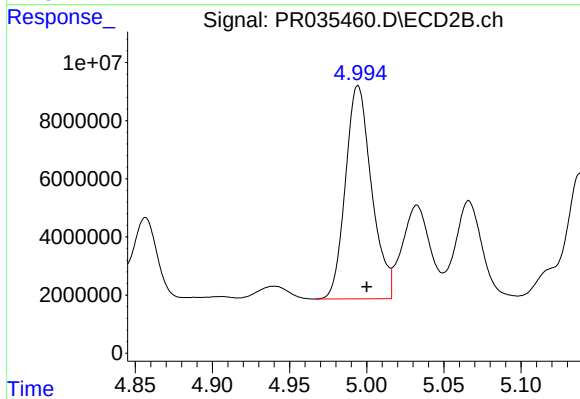
#23 AR-1248-3

R.T.: 4.827 min
Delta R.T.: -0.005 min
Response: 74107764
Conc: 558.92 ng/ml



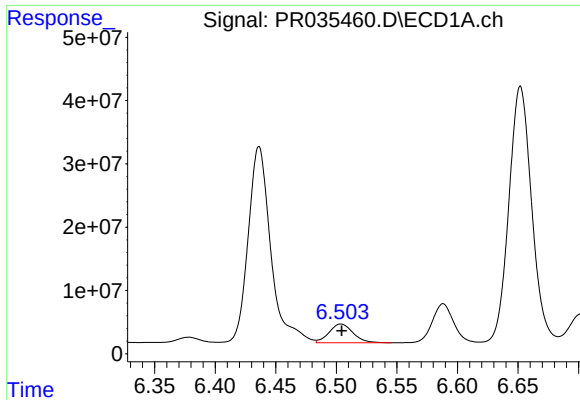
#24 AR-1248-4

R.T.: 6.436 min
Delta R.T.: -0.030 min
Response: 403036937
Conc: 5124.92 ng/ml



#24 AR-1248-4

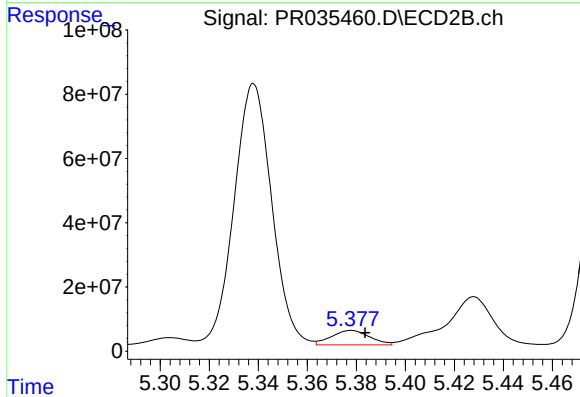
R.T.: 4.994 min
Delta R.T.: -0.006 min
Response: 86471994
Conc: 517.38 ng/ml



#25 AR-1248-5

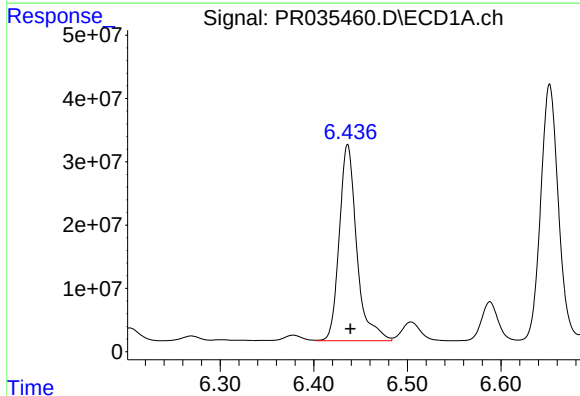
R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 41135157
Conc: 553.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



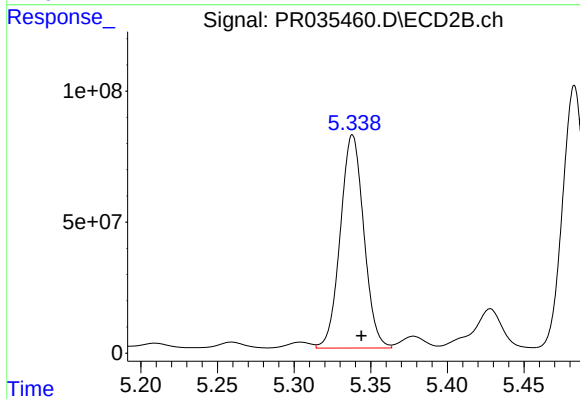
#25 AR-1248-5

R.T.: 5.378 min
Delta R.T.: -0.006 min
Response: 48630793
Conc: 275.06 ng/ml



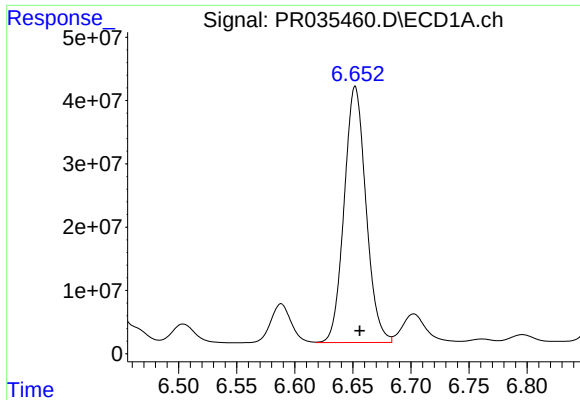
#26 AR-1254-1

R.T.: 6.436 min
Delta R.T.: -0.003 min
Response: 403036937
Conc: 3630.18 ng/ml



#26 AR-1254-1

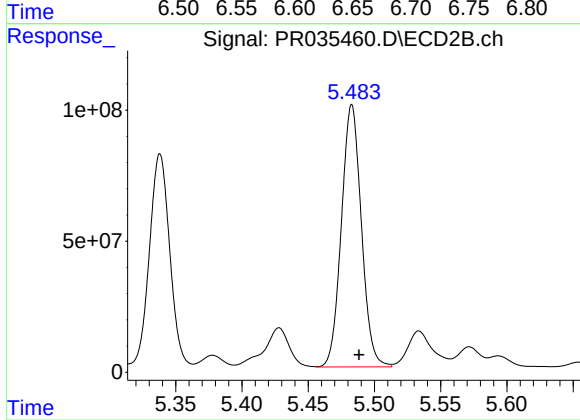
R.T.: 5.338 min
Delta R.T.: -0.006 min
Response: 867927629
Conc: 2245.21 ng/ml



#27 AR-1254-2

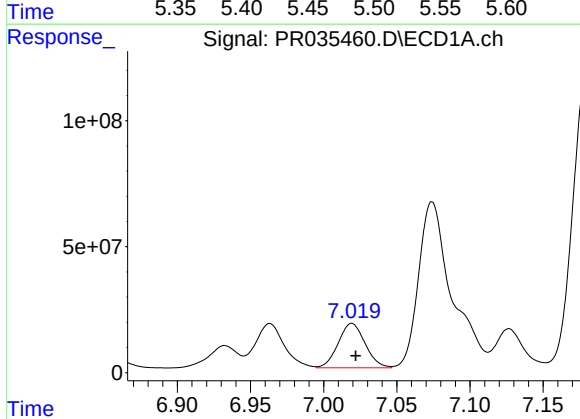
R.T.: 6.652 min
Delta R.T.: -0.004 min
Response: 529283726
Conc: 2979.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



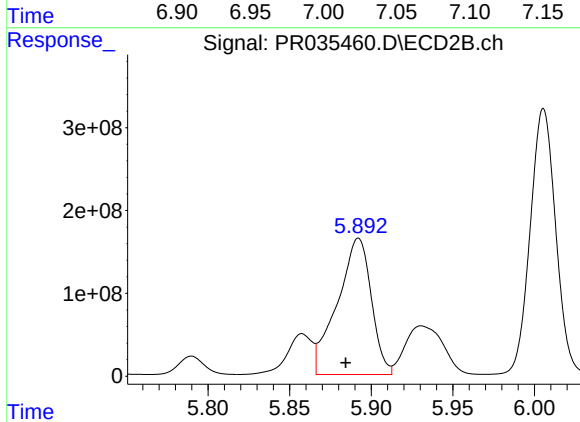
#27 AR-1254-2

R.T.: 5.483 min
Delta R.T.: -0.005 min
Response: 1050820236
Conc: 3091.69 ng/ml



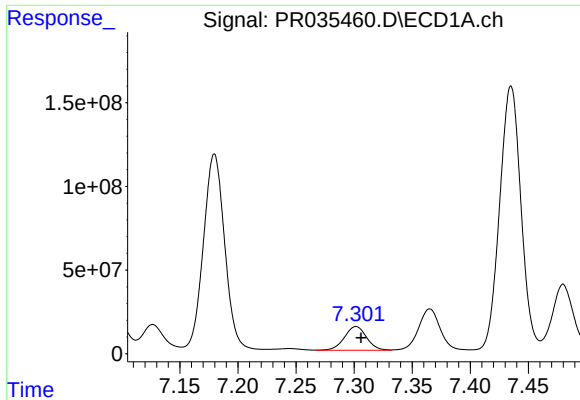
#28 AR-1254-3

R.T.: 7.019 min
Delta R.T.: -0.003 min
Response: 226276071
Conc: 1185.98 ng/ml



#28 AR-1254-3

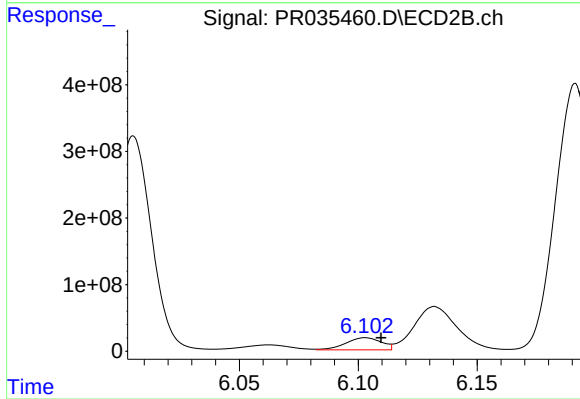
R.T.: 5.892 min
Delta R.T.: 0.008 min
Response: 2378867225
Conc: 4062.11 ng/ml



#29 AR-1254-4

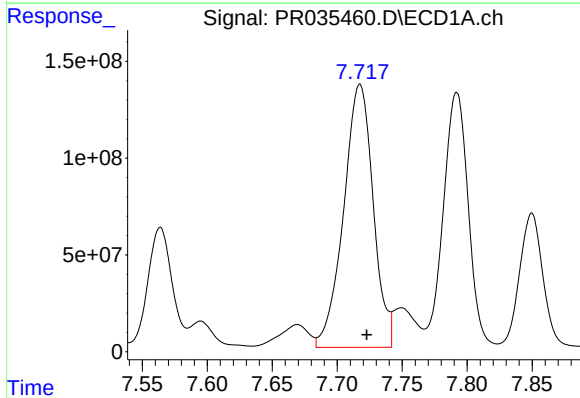
R.T.: 7.302 min
Delta R.T.: -0.004 min
Response: 189903937
Conc: 1179.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



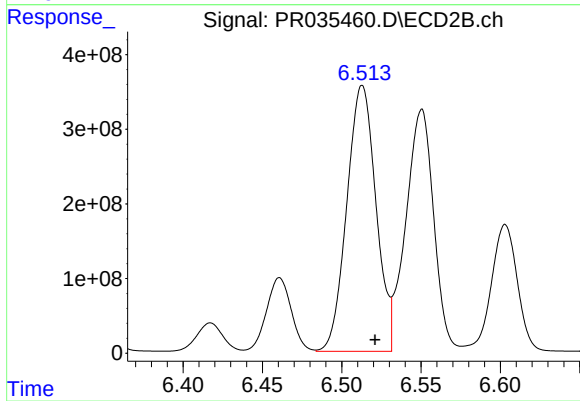
#29 AR-1254-4

R.T.: 6.103 min
Delta R.T.: -0.007 min
Response: 187286938
Conc: 477.18 ng/ml



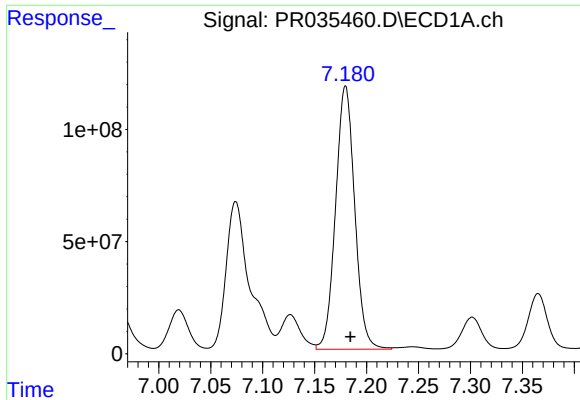
#30 AR-1254-5

R.T.: 7.718 min
Delta R.T.: -0.005 min
Response: 2154176873
Conc: 13056.94 ng/ml



#30 AR-1254-5

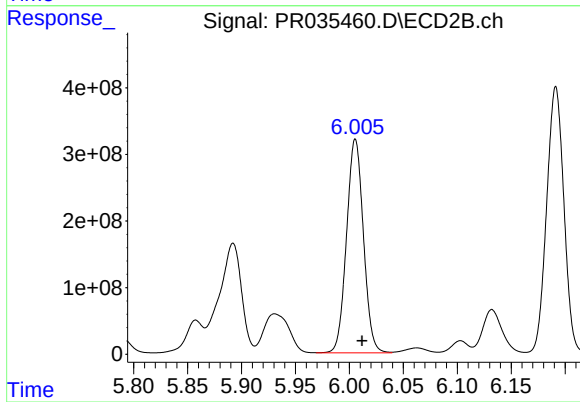
R.T.: 6.513 min
Delta R.T.: -0.008 min
Response: 4554021452
Conc: 8237.14 ng/ml



#31 AR-1260-1

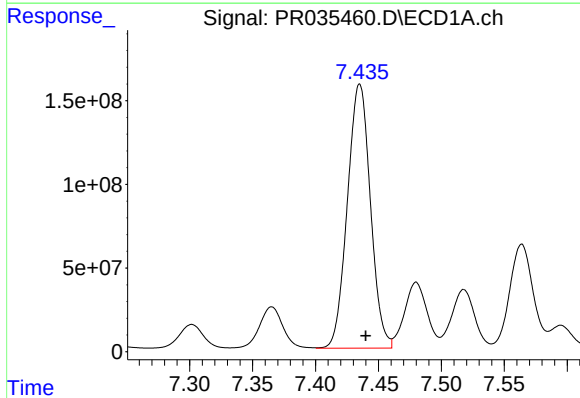
R.T.: 7.180 min
Delta R.T.: -0.005 min
Response: 1504564491
Conc: 8747.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



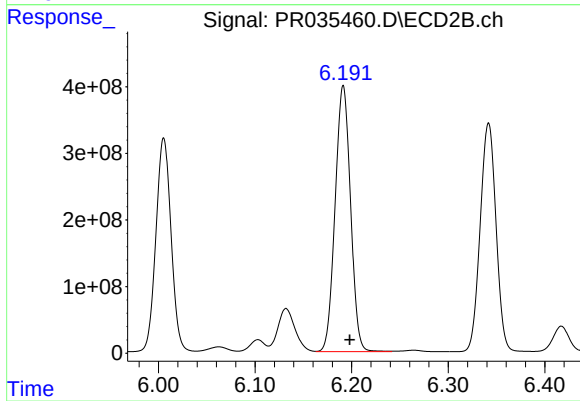
#31 AR-1260-1

R.T.: 6.006 min
Delta R.T.: -0.006 min
Response: 3493272821
Conc: 7727.99 ng/ml



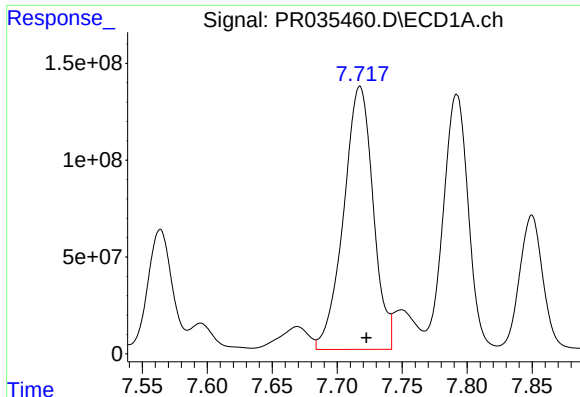
#32 AR-1260-2

R.T.: 7.435 min
Delta R.T.: -0.005 min
Response: 2013846970
Conc: 8317.62 ng/ml



#32 AR-1260-2

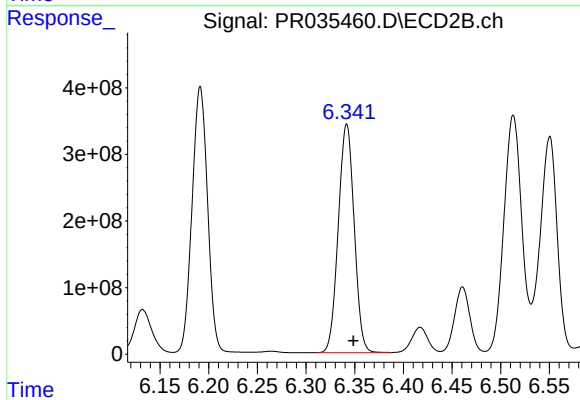
R.T.: 6.191 min
Delta R.T.: -0.007 min
Response: 4447999920
Conc: 7330.39 ng/ml



#33 AR-1260-3

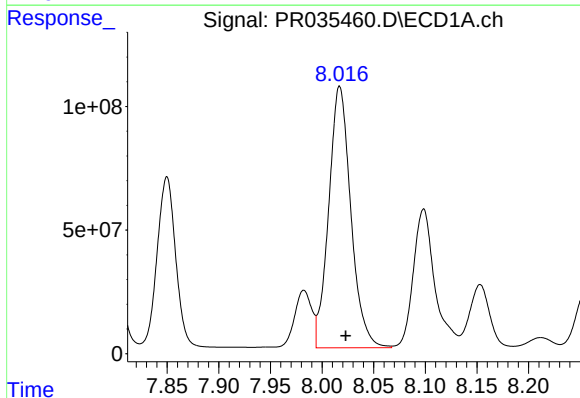
R.T.: 7.718 min
Delta R.T.: -0.005 min
Response: 2154176873
Conc: 8088.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



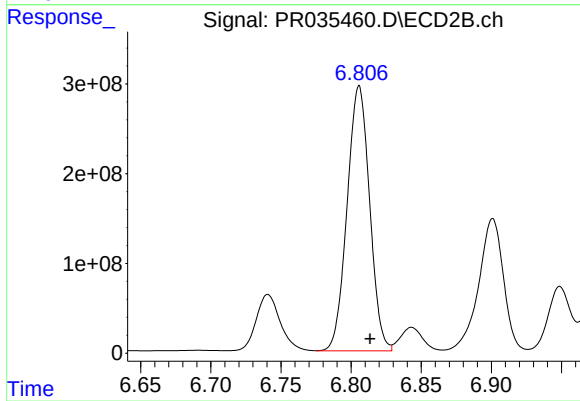
#33 AR-1260-3

R.T.: 6.342 min
Delta R.T.: -0.007 min
Response: 3899923614
Conc: 7195.36 ng/ml



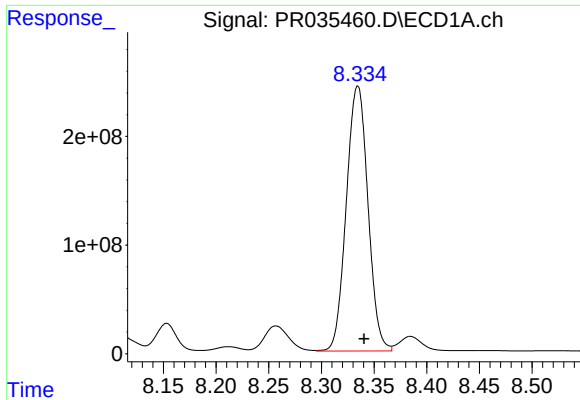
#34 AR-1260-4

R.T.: 8.017 min
Delta R.T.: -0.006 min
Response: 1580935063
Conc: 8383.24 ng/ml



#34 AR-1260-4

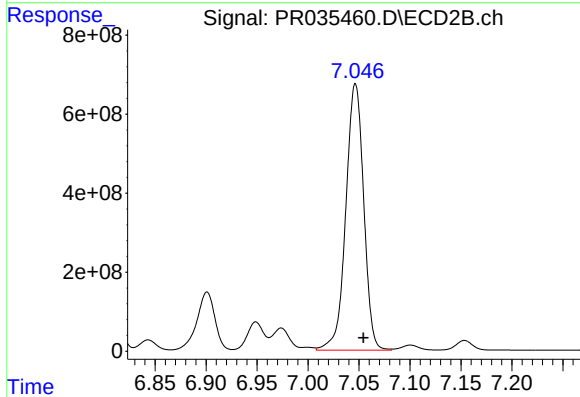
R.T.: 6.806 min
Delta R.T.: -0.008 min
Response: 3300162625
Conc: 7203.28 ng/ml



#35 AR-1260-5

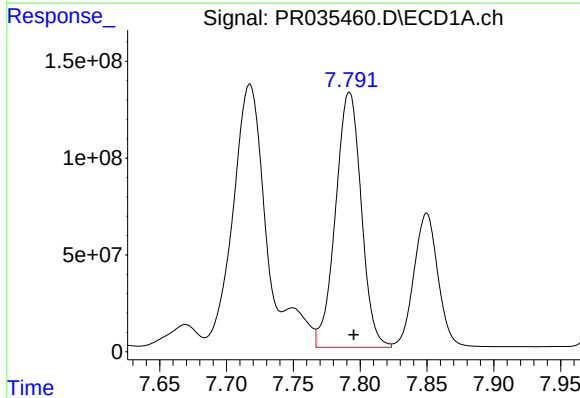
R.T.: 8.335 min
Delta R.T.: -0.006 min
Response: 3491155228
Conc: 7591.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



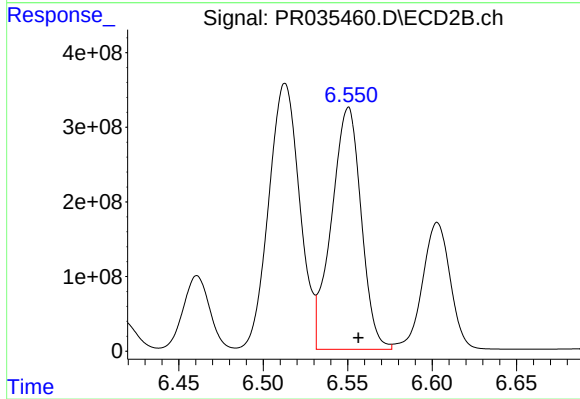
#35 AR-1260-5

R.T.: 7.047 min
Delta R.T.: -0.008 min
Response: 8250369867
Conc: 6535.73 ng/ml



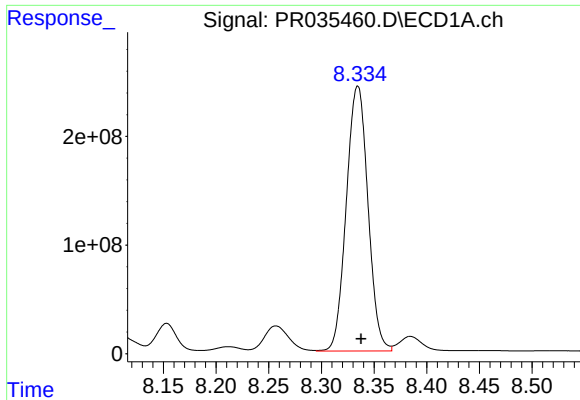
#36 AR-1262-1

R.T.: 7.792 min
Delta R.T.: -0.003 min
Response: 1763718652
Conc: 9526.17 ng/ml



#36 AR-1262-1

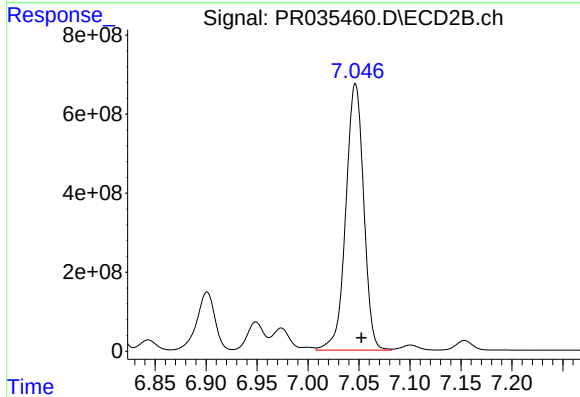
R.T.: 6.550 min
Delta R.T.: -0.006 min
Response: 3972446655
Conc: 8346.80 ng/ml



#37 AR-1262-2

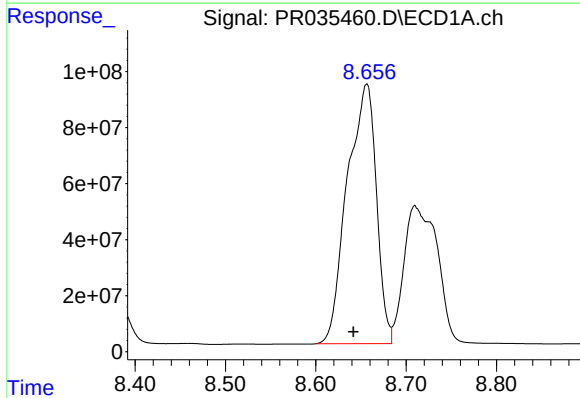
R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 3491155228
Conc: 10888.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



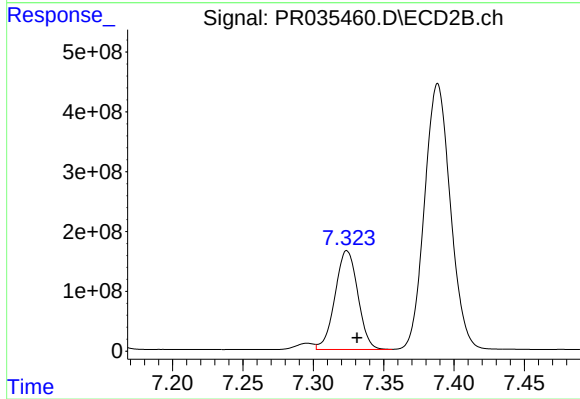
#37 AR-1262-2

R.T.: 7.047 min
Delta R.T.: -0.006 min
Response: 8250369867
Conc: 9321.26 ng/ml



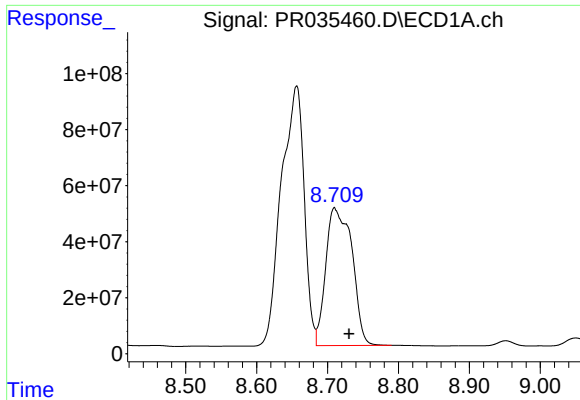
#38 AR-1262-3

R.T.: 8.656 min
Delta R.T.: 0.015 min
Response: 2071621068
Conc: 10159.09 ng/ml



#38 AR-1262-3

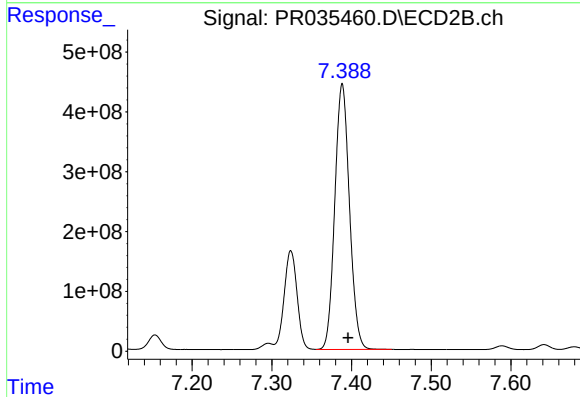
R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 1866803939
Conc: 5088.54 ng/ml



#39 AR-1262-4

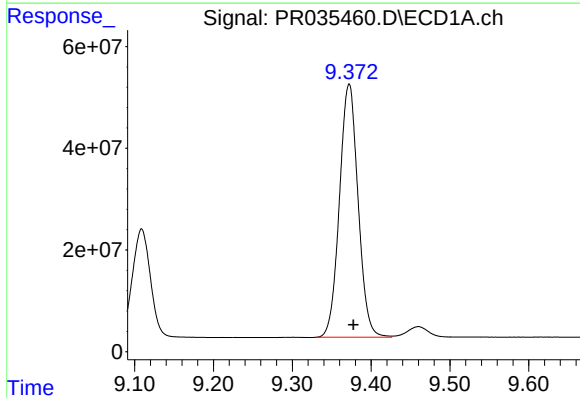
R.T.: 8.710 min
Delta R.T.: -0.021 min
Response: 1260962779
Conc: 8387.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



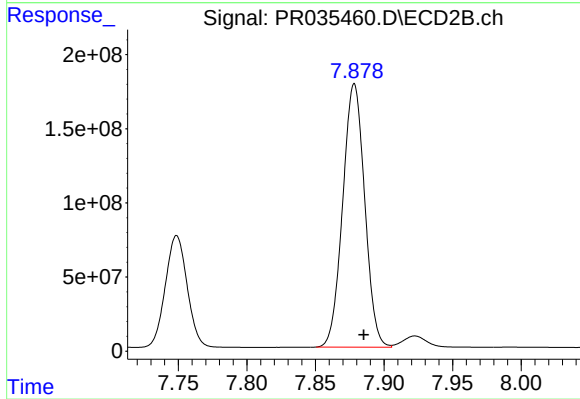
#39 AR-1262-4

R.T.: 7.388 min
Delta R.T.: -0.007 min
Response: 5677539011
Conc: 9062.50 ng/ml



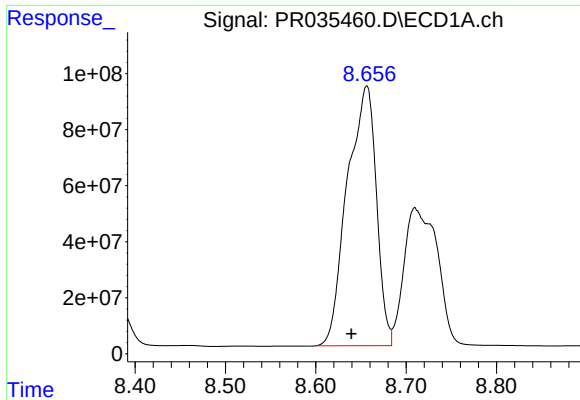
#40 AR-1262-5

R.T.: 9.372 min
Delta R.T.: -0.005 min
Response: 817817697
Conc: 8139.18 ng/ml



#40 AR-1262-5

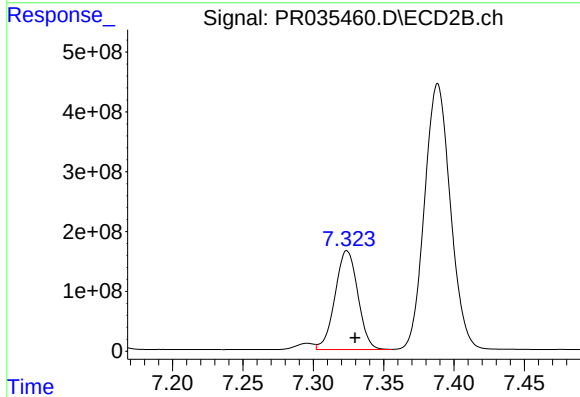
R.T.: 7.878 min
Delta R.T.: -0.007 min
Response: 1982183657
Conc: 6967.26 ng/ml



#41 AR-1268-1

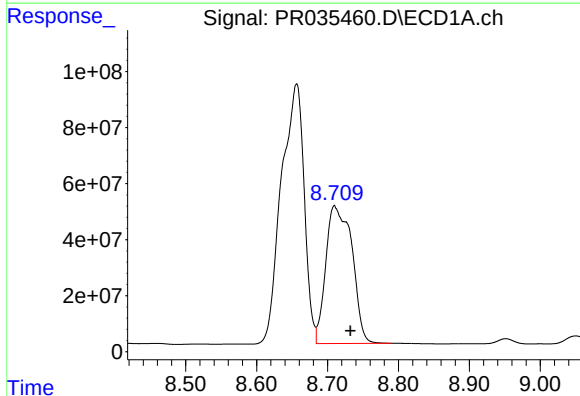
R.T.: 8.656 min
Delta R.T.: 0.017 min
Response: 2071621068
Conc: 3518.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



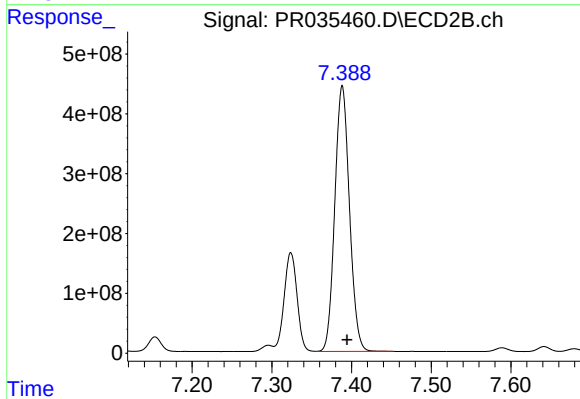
#41 AR-1268-1

R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 1866803939
Conc: 1163.94 ng/ml



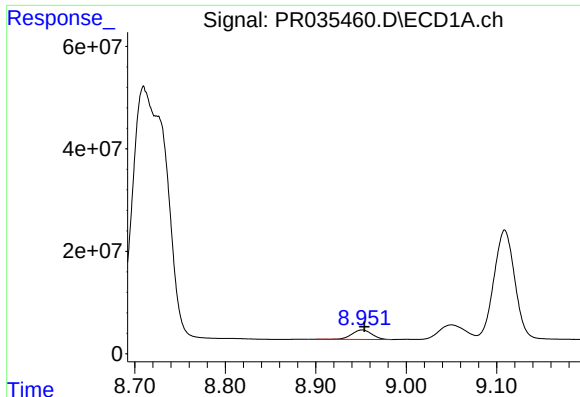
#42 AR-1268-2

R.T.: 8.710 min
Delta R.T.: -0.022 min
Response: 1260962779
Conc: 2551.43 ng/ml



#42 AR-1268-2

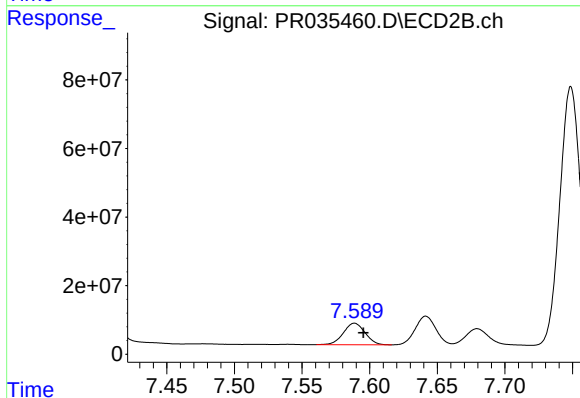
R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 5677539011
Conc: 3999.91 ng/ml



#43 AR-1268-3

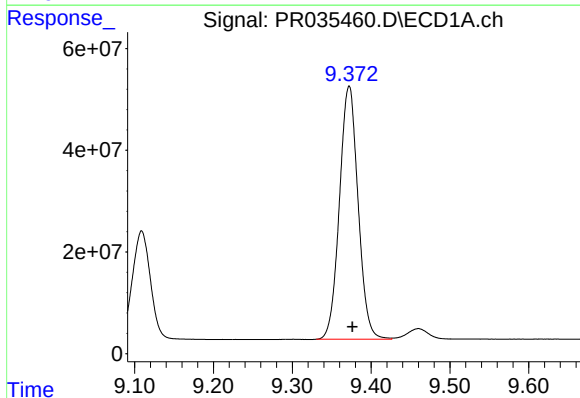
R.T.: 8.951 min
Delta R.T.: -0.002 min
Response: 28461790
Conc: 63.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



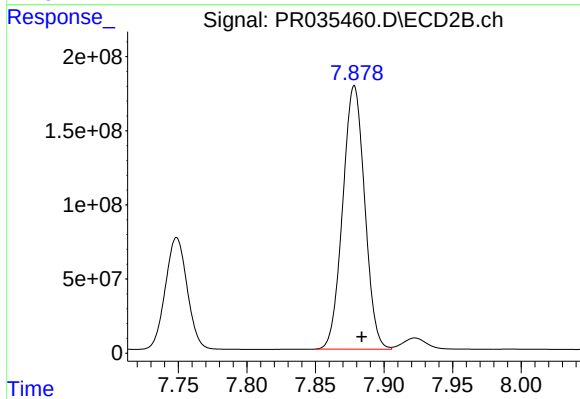
#43 AR-1268-3

R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 69917154
Conc: 56.41 ng/ml



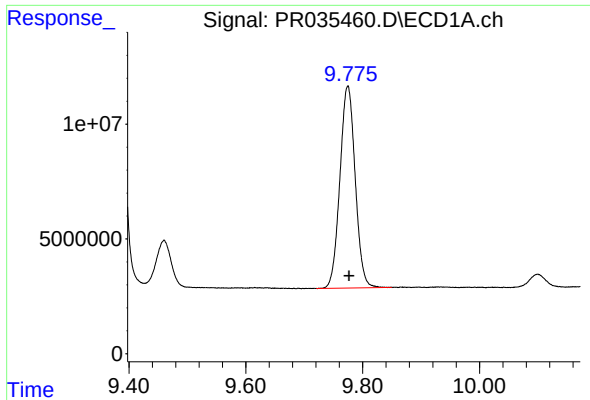
#44 AR-1268-4

R.T.: 9.372 min
Delta R.T.: -0.004 min
Response: 817817697
Conc: 5075.18 ng/ml



#44 AR-1268-4

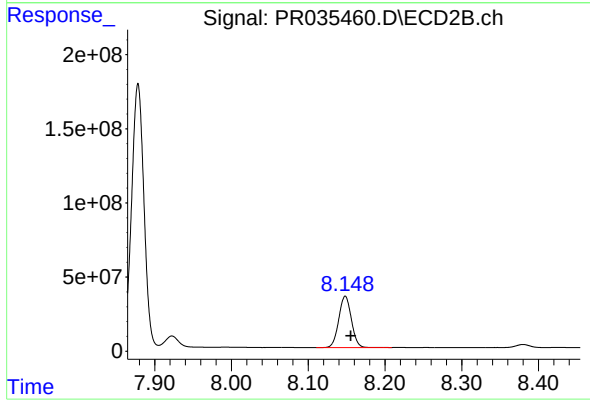
R.T.: 7.878 min
Delta R.T.: -0.005 min
Response: 1982183657
Conc: 4348.16 ng/ml



#45 AR-1268-5

R.T.: 9.775 min
Delta R.T.: -0.002 min
Response: 160012770
Conc: 133.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
CB5B5



#45 AR-1268-5

R.T.: 8.148 min
Delta R.T.: -0.007 min
Response: 394303244
Conc: 115.26 ng/ml