

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060221\
 Data File : PR050680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2021 14:54
 Operator : DD\AJ
 Sample : 5000 PPB PCB SPIKE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 00:01:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060121CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 02 05:07:41 2021
 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...	4.622	3.856f	49949711	46810256	7.827	7.198
2)	SA Decachlor...	10.509	8.842	33744337	33395489	4.645	4.307
Target Compounds							
3)	L1 AR-1016-1	5.819	4.902	1338.2E6	1310.6E6	4914.148	5444.901
4)	L1 AR-1016-2	5.841	4.921	1944.3E6	1903.6E6	5056.618	5186.581
5)	L1 AR-1016-3	5.904	5.096	1119.8E6	997.7E6	4883.572	5243.911
6)	L1 AR-1016-4	6.004	5.137	970.0E6	703.0E6	5036.223	4544.182
7)	L1 AR-1016-5	6.298	5.351	922.5E6	983.1E6	4756.362	4804.395
8)	L2 AR-1221-1	4.846	4.027	88362851	87217358	1217.226	1246.763
9)	L2 AR-1221-2	4.938	4.114	99308123	100.1E6	1954.217	2002.520
10)	L2 AR-1221-3	5.017	4.190	555.3E6	575.3E6	3276.778	3394.493
11)	L3 AR-1232-1	5.017	4.190	555.3E6	575.3E6	3995.821	4178.730
12)	L3 AR-1232-2	5.550	4.921	872.6E6	1903.6E6	11313.183	12693.566
13)	L3 AR-1232-3	5.841	5.096	1944.3E6	997.7E6	12372.406	12757.150
14)	L3 AR-1232-4	6.004	5.179	970.0E6	893.4E6	12264.516	12723.238
15)	L3 AR-1232-5	6.091	5.351	765.6E6	983.1E6	12620.384	12516.824
16)	L4 AR-1242-1	5.819	4.902	1338.2E6	1310.6E6	5529.746	5931.121
17)	L4 AR-1242-2	5.841	4.921	1944.3E6	1903.6E6	5646.928	5811.242
18)	L4 AR-1242-3	5.904	5.096	1119.8E6	997.7E6	5410.820	5779.356
19)	L4 AR-1242-4	6.004	5.179	970.0E6	893.4E6	5583.276	5298.711
20)	L4 AR-1242-5	6.742	5.701	119.5E6	778.7E6	599.093	3372.576 #
21)	L5 AR-1248-1	5.819	4.902	1338.2E6	1310.6E6	8396.339	8836.259
22)	L5 AR-1248-2	6.091	5.137	765.6E6	703.0E6	3308.987	3345.970
23)	L5 AR-1248-3	6.298	5.179	922.5E6	893.4E6	3501.328	4005.603
24)	L5 AR-1248-4	6.702	5.351	134.9E6	983.1E6	422.757	3566.042 #
25)	L5 AR-1248-5	6.742	5.742	119.5E6	109.0E6	389.891	371.075
26)	L6 AR-1254-1	6.674	5.701	705.2E6	778.7E6	1623.248	1265.081
27)	L6 AR-1254-2	6.890	5.847	770.3E6	740.6E6	1117.069	1376.370
28)	L6 AR-1254-3	7.262	6.266	421.0E6	1718.2E6	550.777	1803.717 #
29)	L6 AR-1254-4	7.548	6.477	263.6E6	144.8E6	455.244	243.357 #
30)	L6 AR-1254-5	7.967	6.893	2978.2E6	3124.2E6	4723.952	3588.151
31)	L7 AR-1260-1	7.423	6.380	1907.0E6	2050.7E6	5365.133	5097.820
32)	L7 AR-1260-2	7.680	6.567	2289.1E6	2466.7E6	5296.398	5054.411
33)	L7 AR-1260-3	8.039	6.720	1456.6E6	2463.8E6	4505.241	5271.566
34)	L7 AR-1260-4	8.274	7.191	1887.3E6	1815.5E6	4912.492	4549.602
35)	L7 AR-1260-5	8.611	7.431	3767.2E6	4436.2E6	4701.632	4555.713
36)	L8 AR-1262-1	8.039	6.893	1456.6E6	3124.2E6	2532.217	8802.392 #
37)	L8 AR-1262-2	8.611	7.431	3767.2E6	4436.2E6	3441.958	3358.080
38)	L8 AR-1262-3	8.959	7.715	2420.8E6	797.0E6	3396.268	1609.335 #
39)	L8 AR-1262-4	9.012	7.778	1242.7E6	3287.8E6	2350.921	3370.943 #
40)	L8 AR-1262-5	9.725	8.277	884.9E6	988.1E6	2220.446	2249.015
41)	L9 AR-1268-1	8.959	7.715	2420.8E6	797.0E6	1685.736	476.396 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060221\
 Data File : PR050680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2021 14:54
 Operator : DD\AJ
 Sample : 5000 PPB PCB SPIKE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

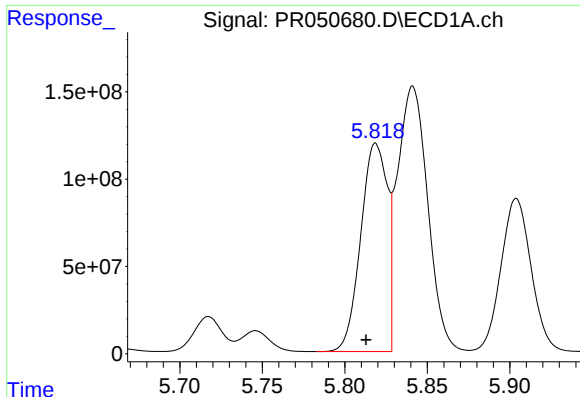
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 00:01:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060121CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 02 05:07:41 2021
 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	9.012	7.778	1242.7E6	3287.8E6	946.761	2118.825 #
43) L9	AR-1268-3	9.269	7.987	56572857	59656127	50.307	46.324
44) L9	AR-1268-4	9.725	8.277	884.9E6	988.1E6	1786.137	1789.365
45) L9	AR-1268-5	10.158	8.578	263.1E6	280.5E6	67.767	67.763

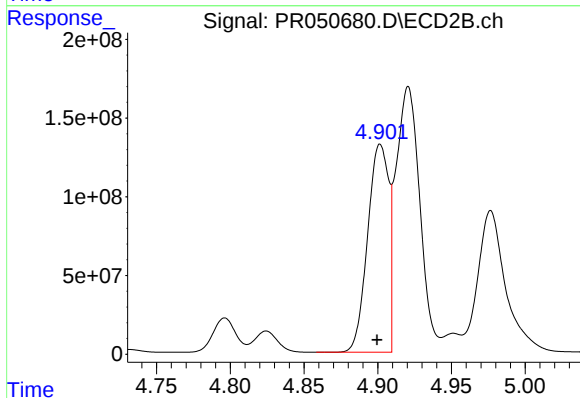
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

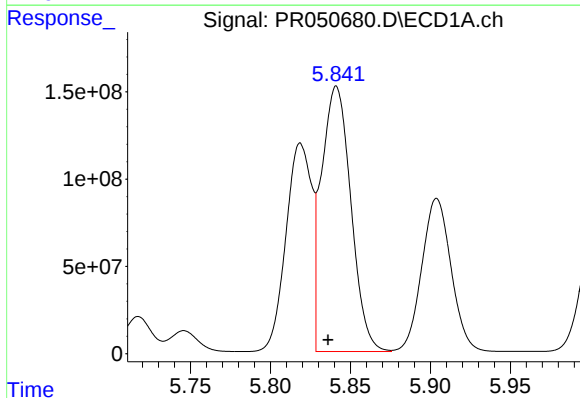
R.T.: 5.819 min
Delta R.T.: 0.006 min
Response: 1338152047
Conc: 4914.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



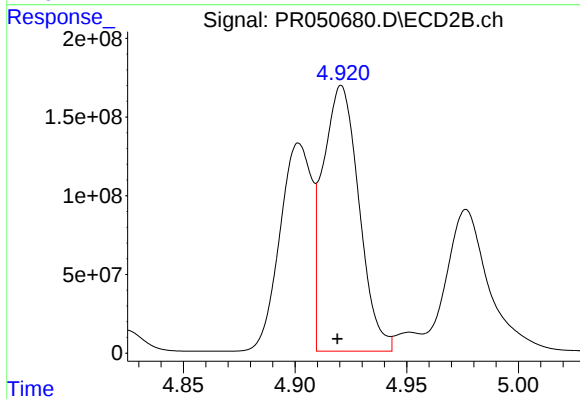
#3 AR-1016-1

R.T.: 4.902 min
Delta R.T.: 0.002 min
Response: 1310642674
Conc: 5444.90 ng/ml



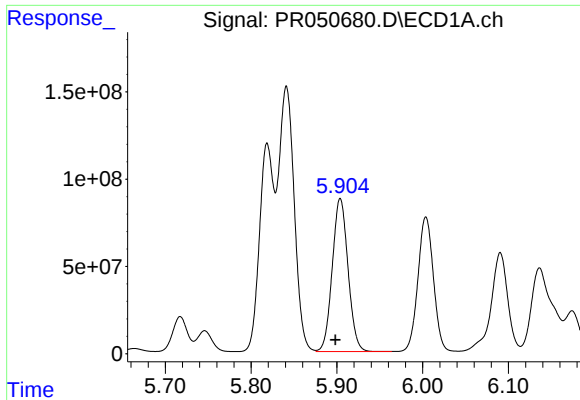
#4 AR-1016-2

R.T.: 5.841 min
Delta R.T.: 0.005 min
Response: 1944272533
Conc: 5056.62 ng/ml



#4 AR-1016-2

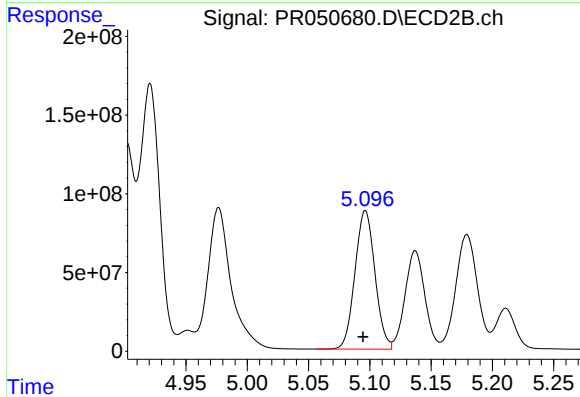
R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 1903605536
Conc: 5186.58 ng/ml



#5 AR-1016-3

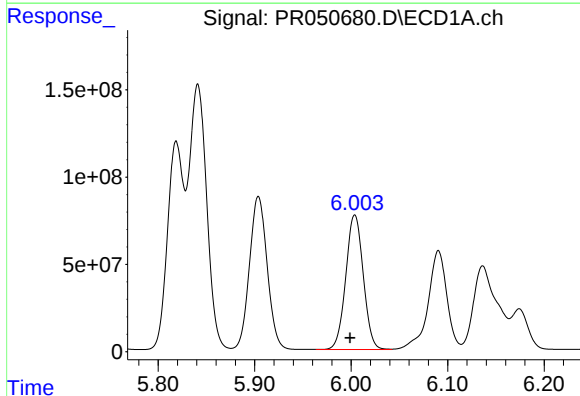
R.T.: 5.904 min
Delta R.T.: 0.006 min
Response: 1119810051
Conc: 4883.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



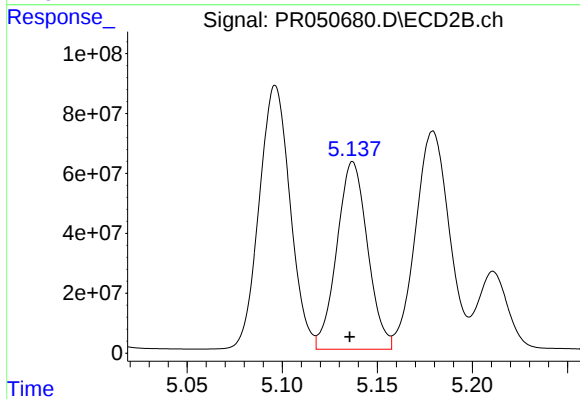
#5 AR-1016-3

R.T.: 5.096 min
Delta R.T.: 0.002 min
Response: 997696345
Conc: 5243.91 ng/ml



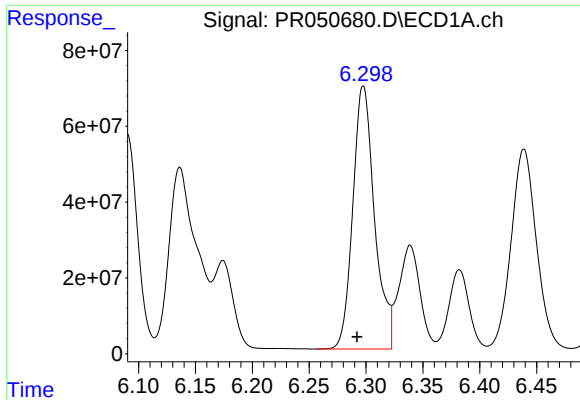
#6 AR-1016-4

R.T.: 6.004 min
Delta R.T.: 0.005 min
Response: 969954396
Conc: 5036.22 ng/ml



#6 AR-1016-4

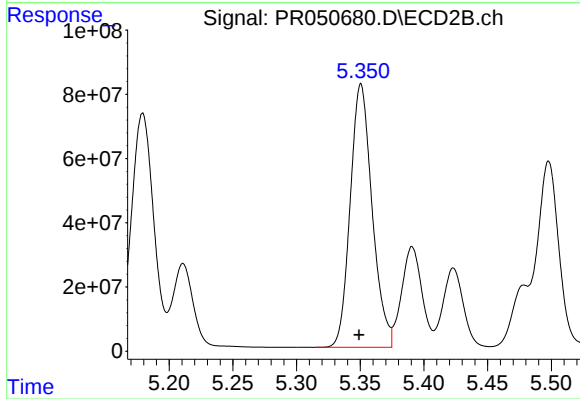
R.T.: 5.137 min
Delta R.T.: 0.002 min
Response: 703007843
Conc: 4544.18 ng/ml



#7 AR-1016-5

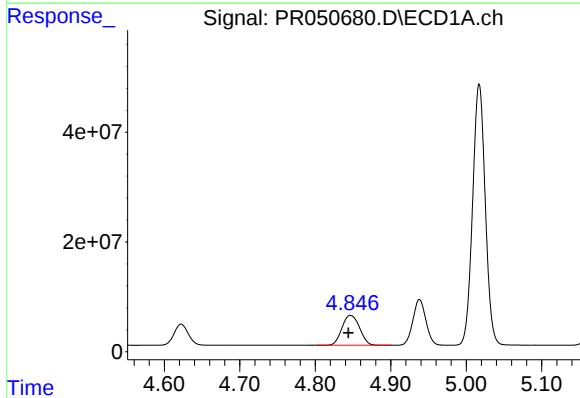
R.T.: 6.298 min
Delta R.T.: 0.006 min
Response: 922469652
Conc: 4756.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



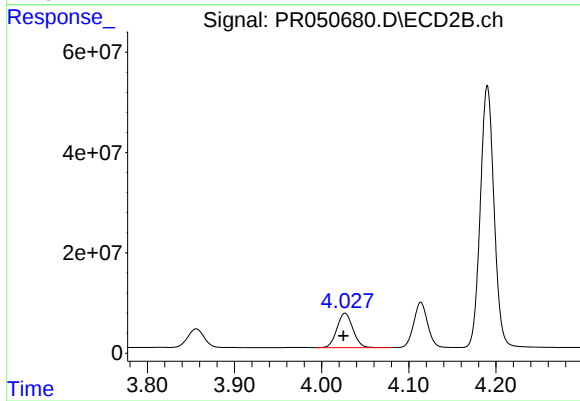
#7 AR-1016-5

R.T.: 5.351 min
Delta R.T.: 0.002 min
Response: 983091435
Conc: 4804.40 ng/ml



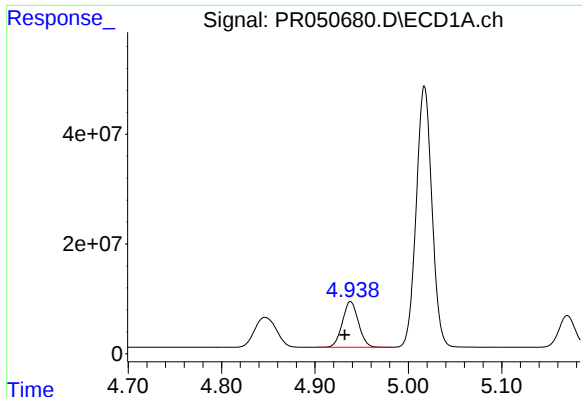
#8 AR-1221-1

R.T.: 4.846 min
Delta R.T.: 0.002 min
Response: 88362851
Conc: 1217.23 ng/ml



#8 AR-1221-1

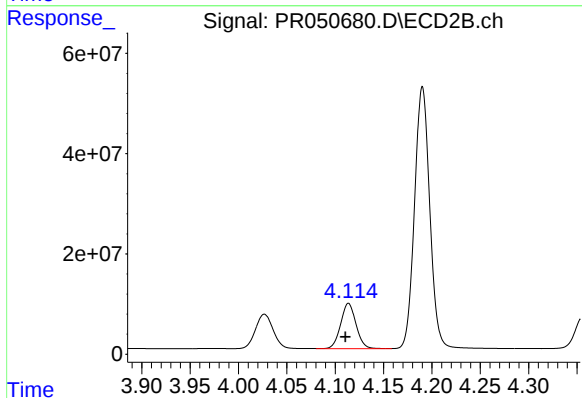
R.T.: 4.027 min
Delta R.T.: 0.002 min
Response: 87217358
Conc: 1246.76 ng/ml



#9 AR-1221-2

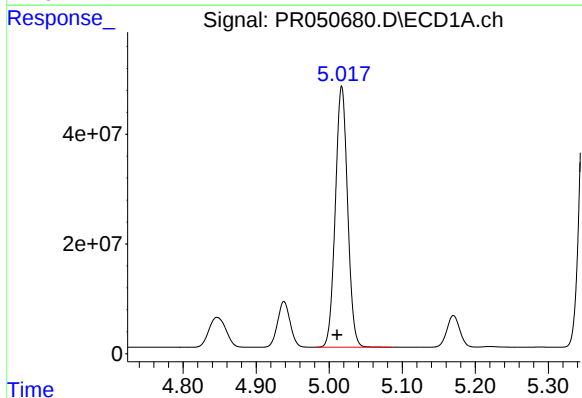
R.T.: 4.938 min
Delta R.T.: 0.006 min
Response: 99308123
Conc: 1954.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



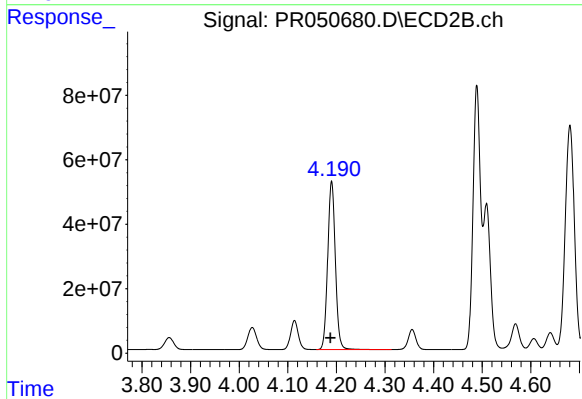
#9 AR-1221-2

R.T.: 4.114 min
Delta R.T.: 0.003 min
Response: 100101439
Conc: 2002.52 ng/ml



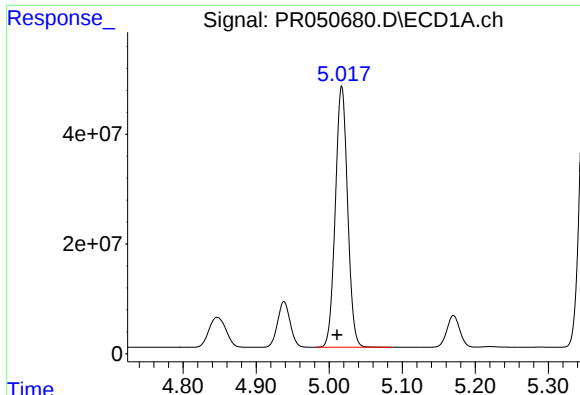
#10 AR-1221-3

R.T.: 5.017 min
Delta R.T.: 0.007 min
Response: 555254924
Conc: 3276.78 ng/ml



#10 AR-1221-3

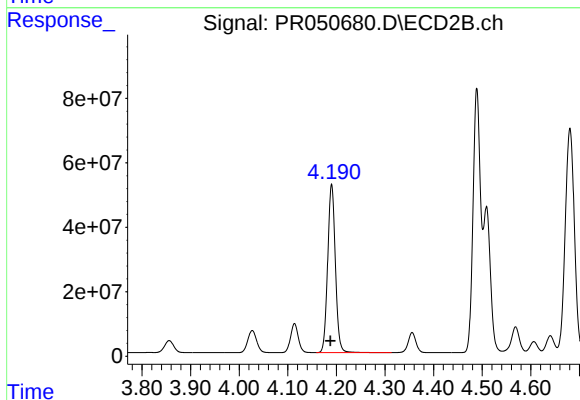
R.T.: 4.190 min
Delta R.T.: 0.003 min
Response: 575332790
Conc: 3394.49 ng/ml



#11 AR-1232-1

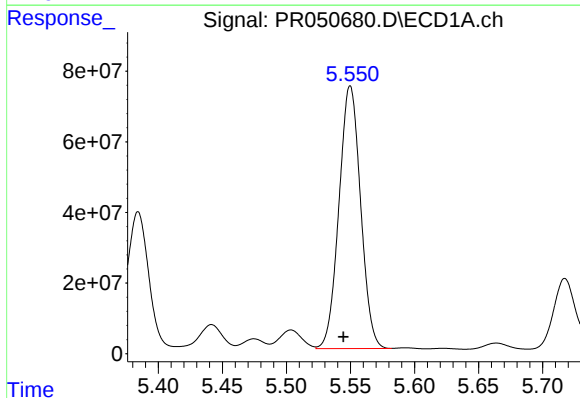
R.T.: 5.017 min
Delta R.T.: 0.006 min
Response: 555254924
Conc: 3995.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



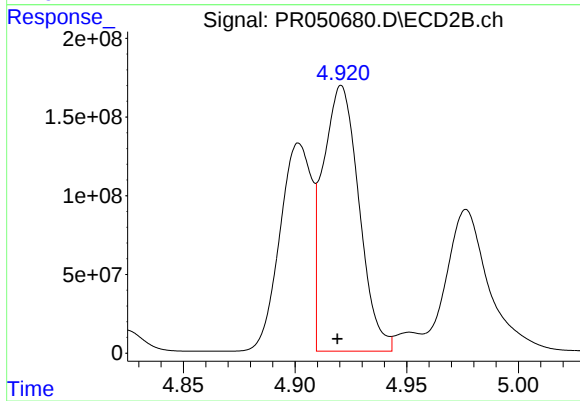
#11 AR-1232-1

R.T.: 4.190 min
Delta R.T.: 0.002 min
Response: 575332790
Conc: 4178.73 ng/ml



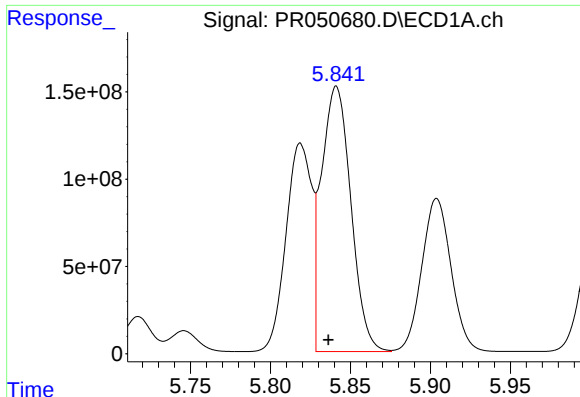
#12 AR-1232-2

R.T.: 5.550 min
Delta R.T.: 0.005 min
Response: 872584771
Conc: 11313.18 ng/ml



#12 AR-1232-2

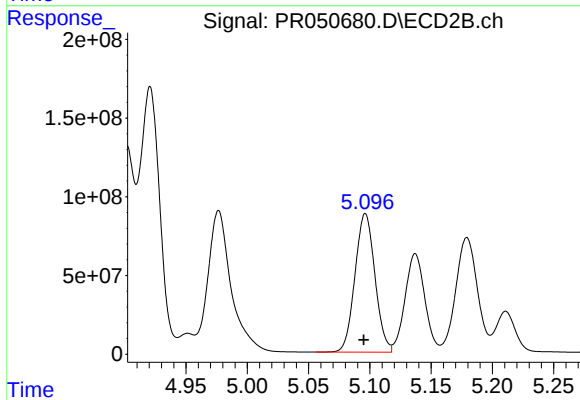
R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 1903605536
Conc: 12693.57 ng/ml



#13 AR-1232-3

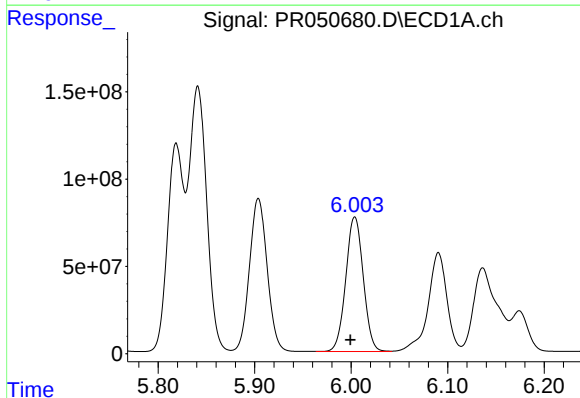
R.T.: 5.841 min
Delta R.T.: 0.005 min
Response: 1944272533
Conc: 12372.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



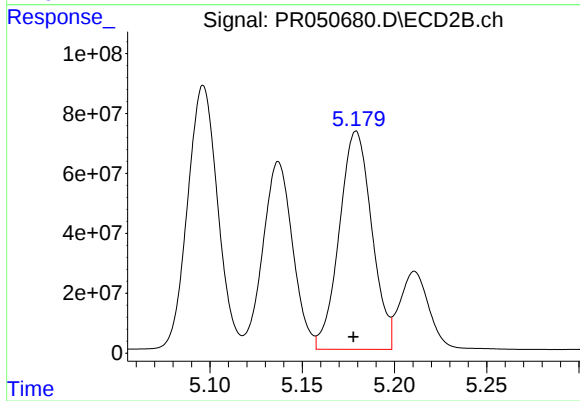
#13 AR-1232-3

R.T.: 5.096 min
Delta R.T.: 0.001 min
Response: 997696345
Conc: 12757.15 ng/ml



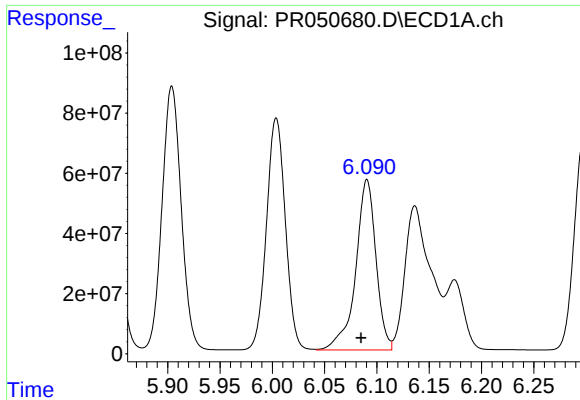
#14 AR-1232-4

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 969954396
Conc: 12264.52 ng/ml



#14 AR-1232-4

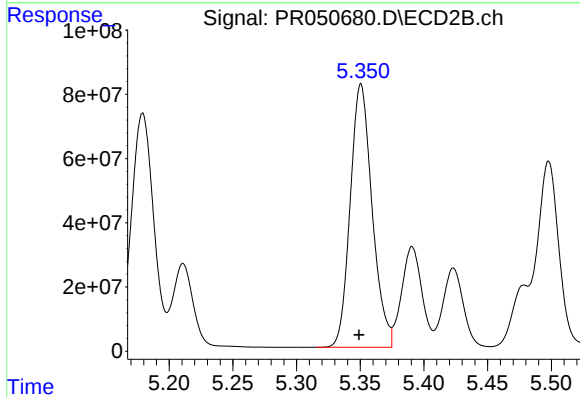
R.T.: 5.179 min
Delta R.T.: 0.001 min
Response: 893415388
Conc: 12723.24 ng/ml



#15 AR-1232-5

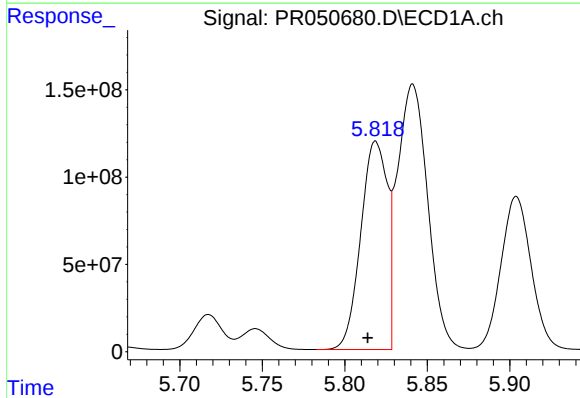
R.T.: 6.091 min
Delta R.T.: 0.006 min
Response: 765569073
Conc: 12620.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



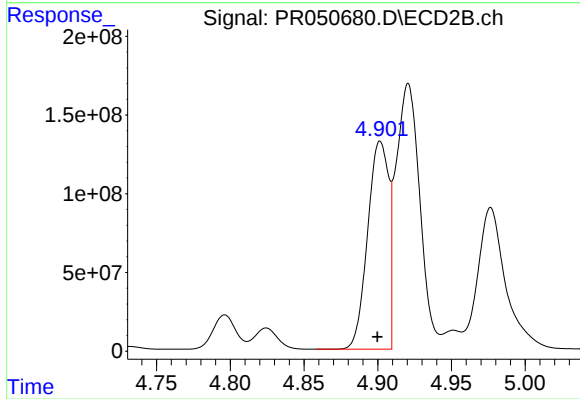
#15 AR-1232-5

R.T.: 5.351 min
Delta R.T.: 0.001 min
Response: 983091435
Conc: 12516.82 ng/ml



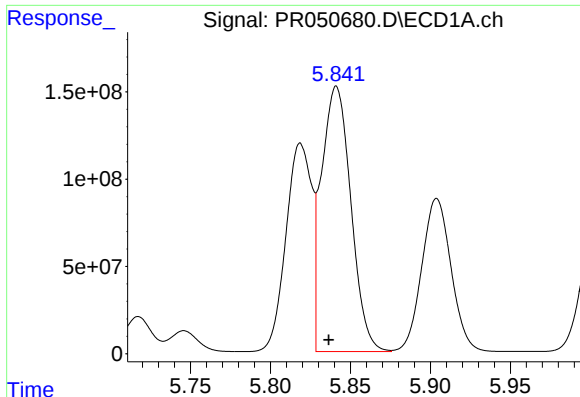
#16 AR-1242-1

R.T.: 5.819 min
Delta R.T.: 0.005 min
Response: 1338152047
Conc: 5529.75 ng/ml



#16 AR-1242-1

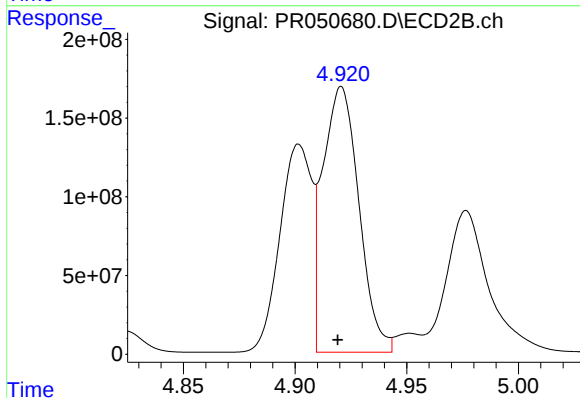
R.T.: 4.902 min
Delta R.T.: 0.002 min
Response: 1310642674
Conc: 5931.12 ng/ml



#17 AR-1242-2

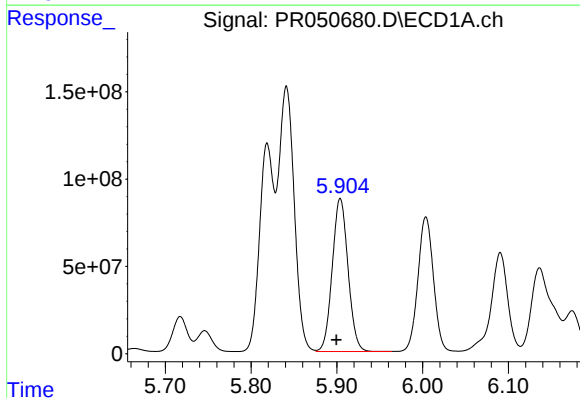
R.T.: 5.841 min
Delta R.T.: 0.005 min
Response: 1944272533
Conc: 5646.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



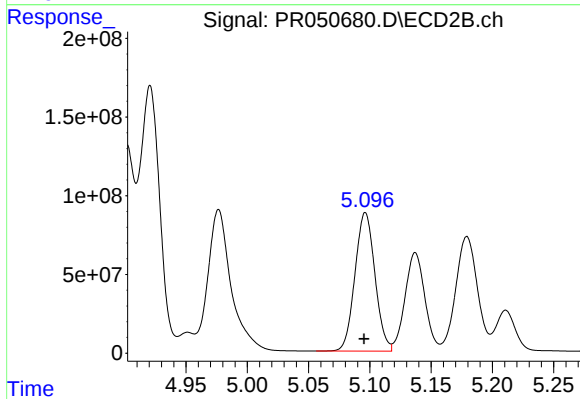
#17 AR-1242-2

R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 1903605536
Conc: 5811.24 ng/ml



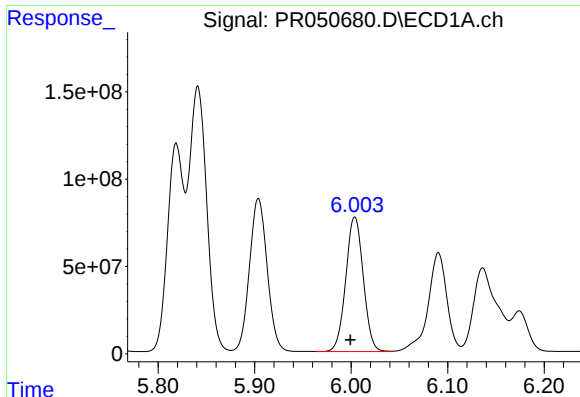
#18 AR-1242-3

R.T.: 5.904 min
Delta R.T.: 0.005 min
Response: 1119810051
Conc: 5410.82 ng/ml



#18 AR-1242-3

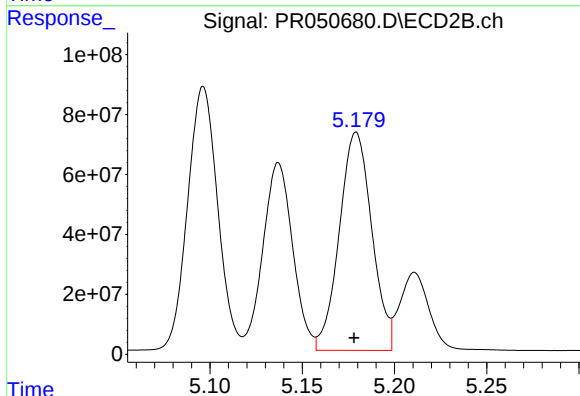
R.T.: 5.096 min
Delta R.T.: 0.001 min
Response: 997696345
Conc: 5779.36 ng/ml



#19 AR-1242-4

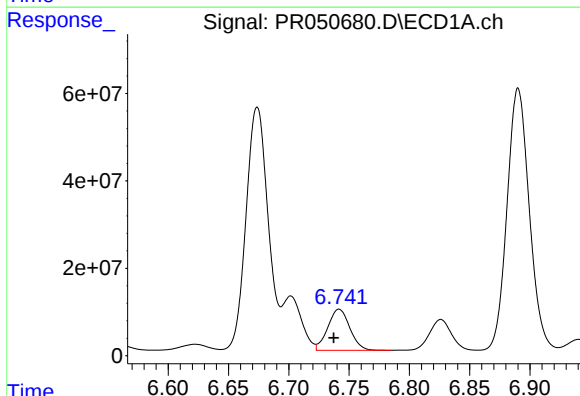
R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 969954396
Conc: 5583.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



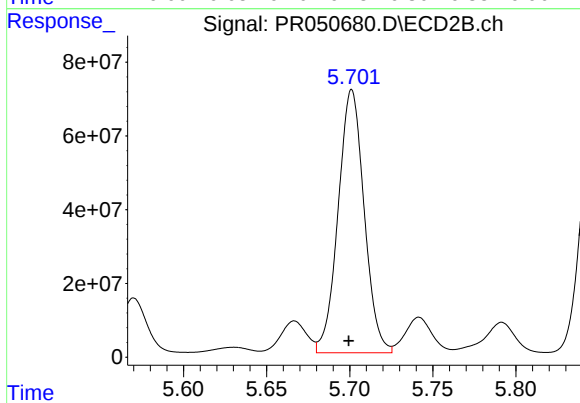
#19 AR-1242-4

R.T.: 5.179 min
Delta R.T.: 0.001 min
Response: 893415388
Conc: 5298.71 ng/ml



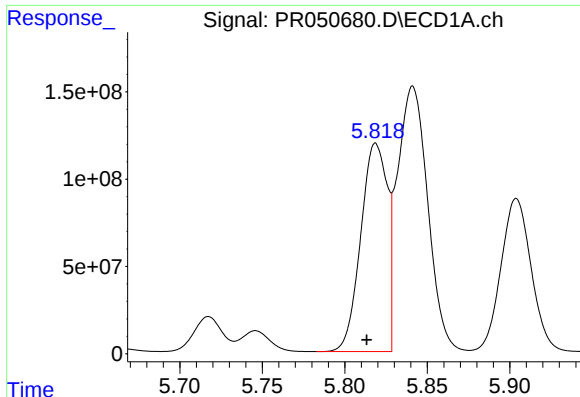
#20 AR-1242-5

R.T.: 6.742 min
Delta R.T.: 0.004 min
Response: 119491922
Conc: 599.09 ng/ml



#20 AR-1242-5

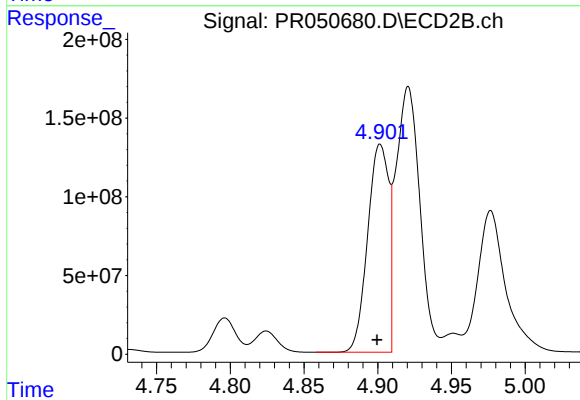
R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 778715094
Conc: 3372.58 ng/ml



#21 AR-1248-1

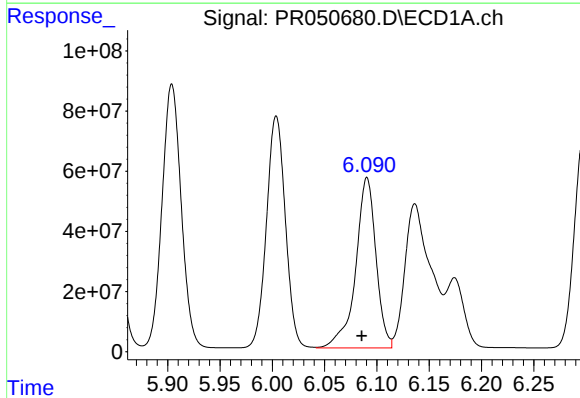
R.T.: 5.819 min
Delta R.T.: 0.005 min
Response: 1338152047
Conc: 8396.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



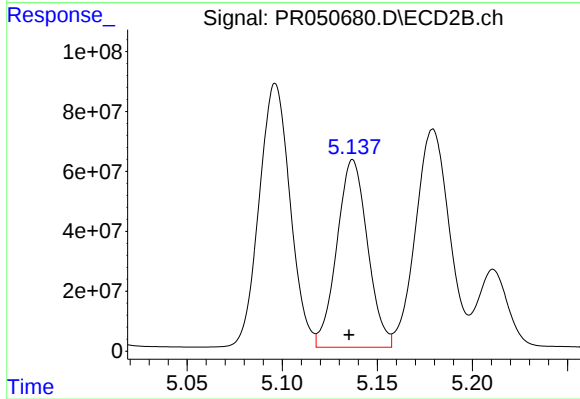
#21 AR-1248-1

R.T.: 4.902 min
Delta R.T.: 0.002 min
Response: 1310642674
Conc: 8836.26 ng/ml



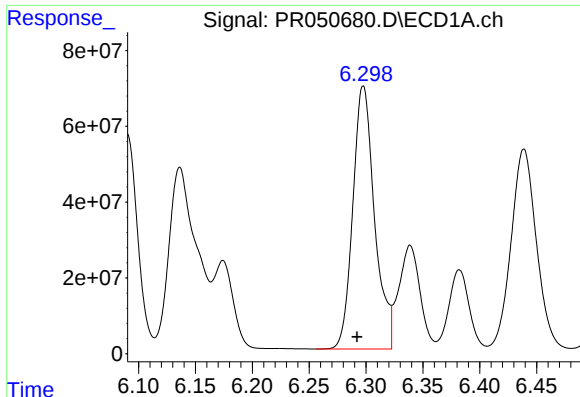
#22 AR-1248-2

R.T.: 6.091 min
Delta R.T.: 0.005 min
Response: 765569073
Conc: 3308.99 ng/ml



#22 AR-1248-2

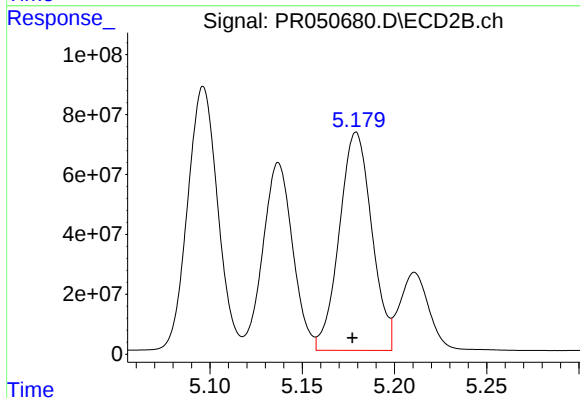
R.T.: 5.137 min
Delta R.T.: 0.002 min
Response: 703007843
Conc: 3345.97 ng/ml



#23 AR-1248-3

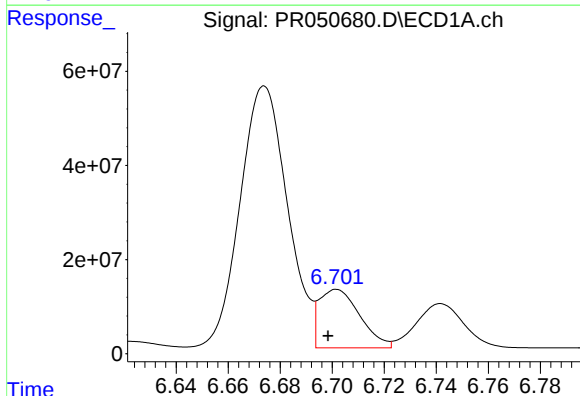
R.T.: 6.298 min
Delta R.T.: 0.005 min
Response: 922469652
Conc: 3501.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



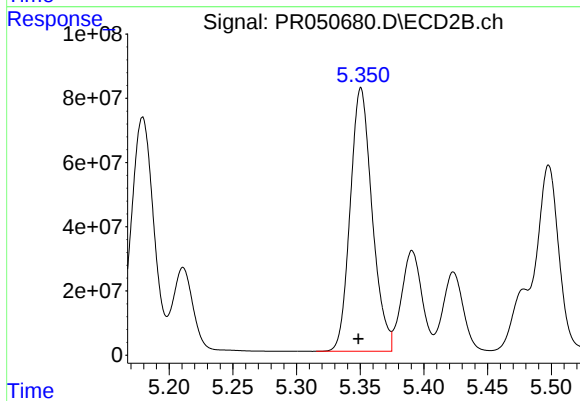
#23 AR-1248-3

R.T.: 5.179 min
Delta R.T.: 0.002 min
Response: 893415388
Conc: 4005.60 ng/ml



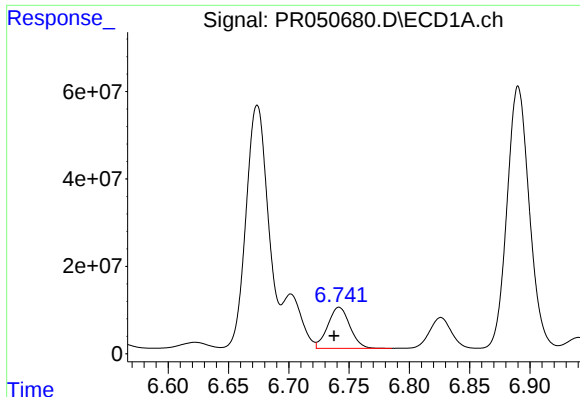
#24 AR-1248-4

R.T.: 6.702 min
Delta R.T.: 0.003 min
Response: 134885141
Conc: 422.76 ng/ml



#24 AR-1248-4

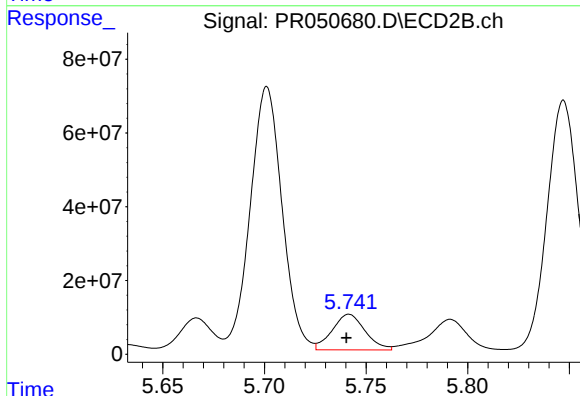
R.T.: 5.351 min
Delta R.T.: 0.002 min
Response: 983091435
Conc: 3566.04 ng/ml



#25 AR-1248-5

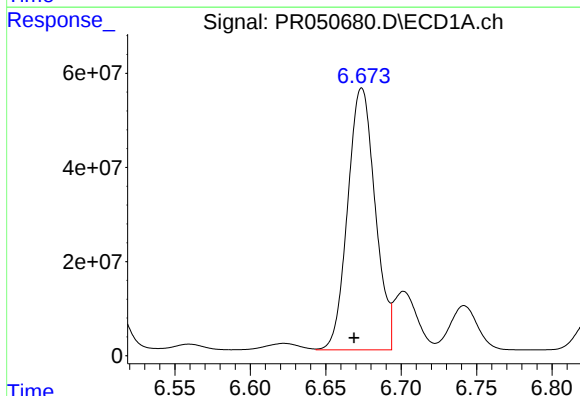
R.T.: 6.742 min
Delta R.T.: 0.004 min
Response: 119491922
Conc: 389.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



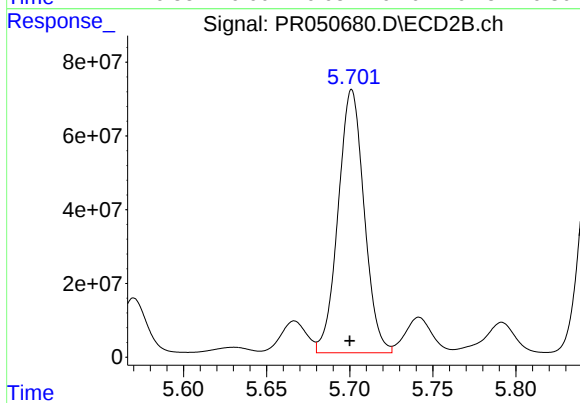
#25 AR-1248-5

R.T.: 5.742 min
Delta R.T.: 0.001 min
Response: 109003824
Conc: 371.08 ng/ml



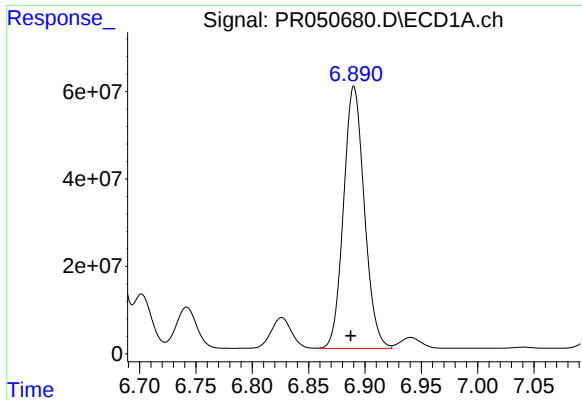
#26 AR-1254-1

R.T.: 6.674 min
Delta R.T.: 0.005 min
Response: 705198964
Conc: 1623.25 ng/ml



#26 AR-1254-1

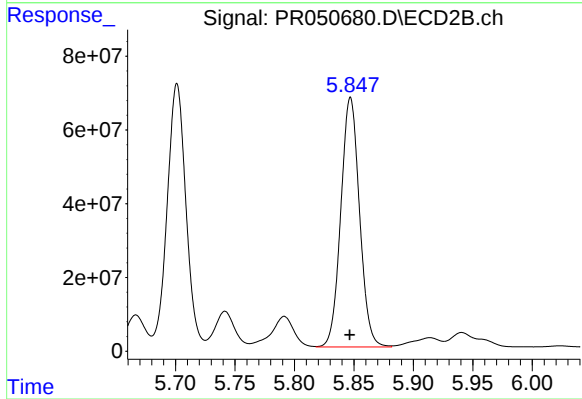
R.T.: 5.701 min
Delta R.T.: 0.001 min
Response: 778715094
Conc: 1265.08 ng/ml



#27 AR-1254-2

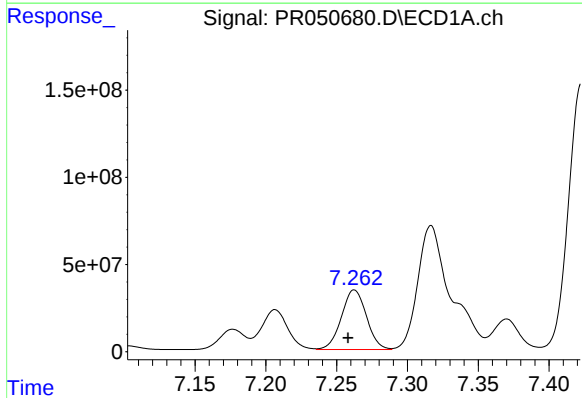
R.T.: 6.890 min
Delta R.T.: 0.003 min
Response: 770269559
Conc: 1117.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



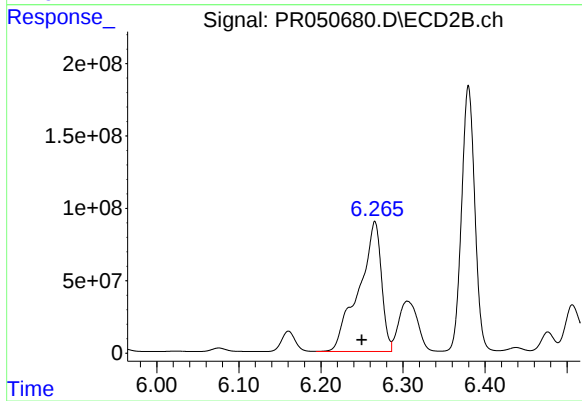
#27 AR-1254-2

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 740642942
Conc: 1376.37 ng/ml



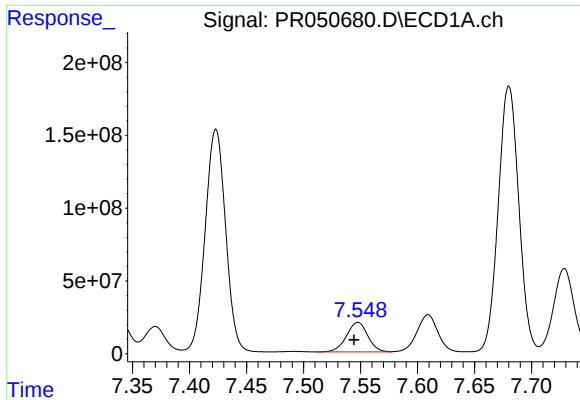
#28 AR-1254-3

R.T.: 7.262 min
Delta R.T.: 0.004 min
Response: 420997059
Conc: 550.78 ng/ml



#28 AR-1254-3

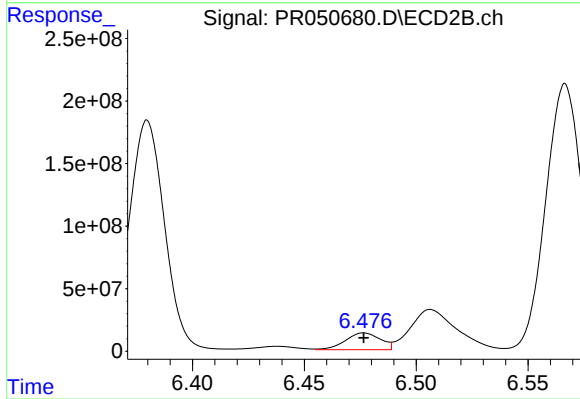
R.T.: 6.266 min
Delta R.T.: 0.016 min
Response: 1718217342
Conc: 1803.72 ng/ml



#29 AR-1254-4

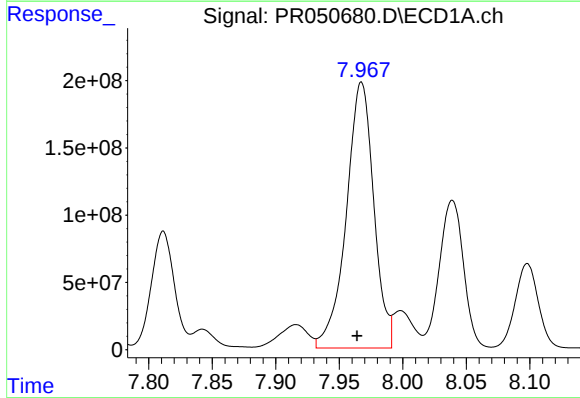
R.T.: 7.548 min
Delta R.T.: 0.003 min
Response: 263591947
Conc: 455.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



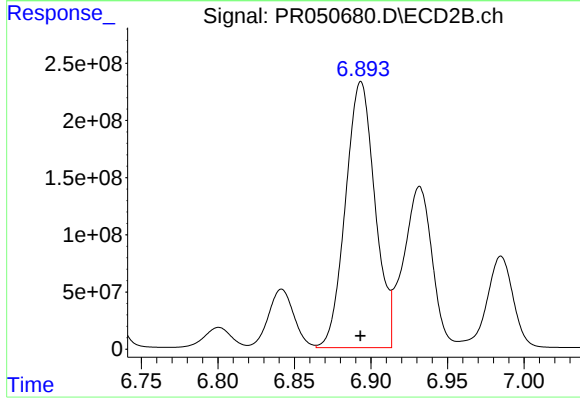
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 144759872
Conc: 243.36 ng/ml



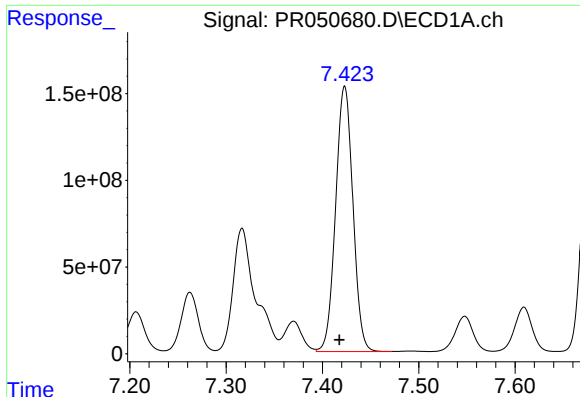
#30 AR-1254-5

R.T.: 7.967 min
Delta R.T.: 0.003 min
Response: 2978205906
Conc: 4723.95 ng/ml



#30 AR-1254-5

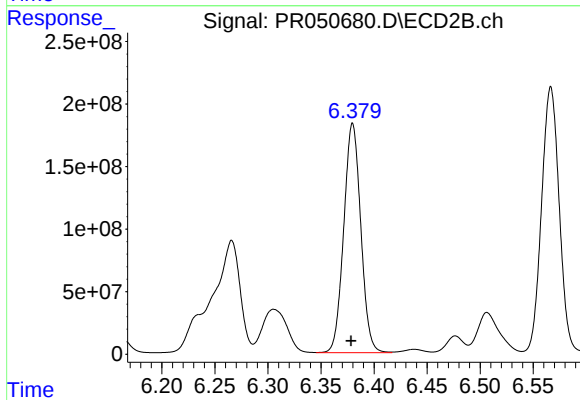
R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 3124171278
Conc: 3588.15 ng/ml



#31 AR-1260-1

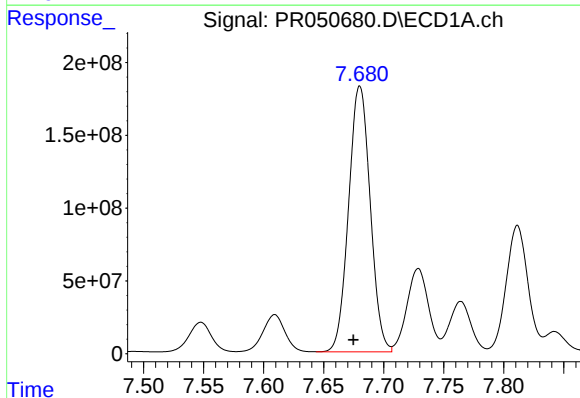
R.T.: 7.423 min
Delta R.T.: 0.006 min
Response: 1906977004
Conc: 5365.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



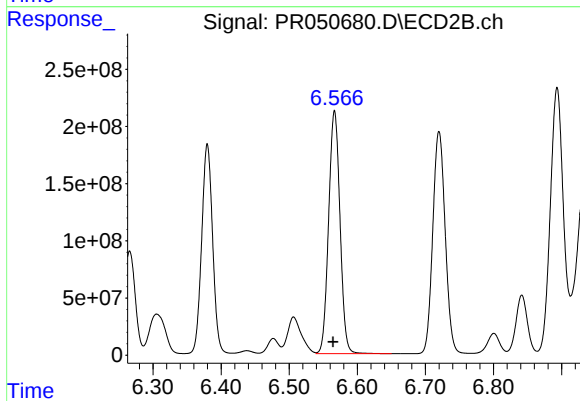
#31 AR-1260-1

R.T.: 6.380 min
Delta R.T.: 0.002 min
Response: 2050687934
Conc: 5097.82 ng/ml



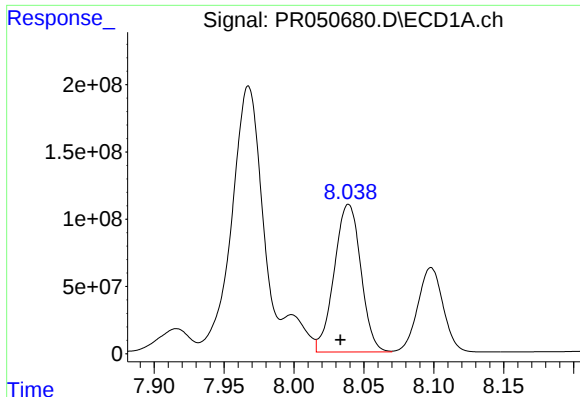
#32 AR-1260-2

R.T.: 7.680 min
Delta R.T.: 0.005 min
Response: 2289135743
Conc: 5296.40 ng/ml



#32 AR-1260-2

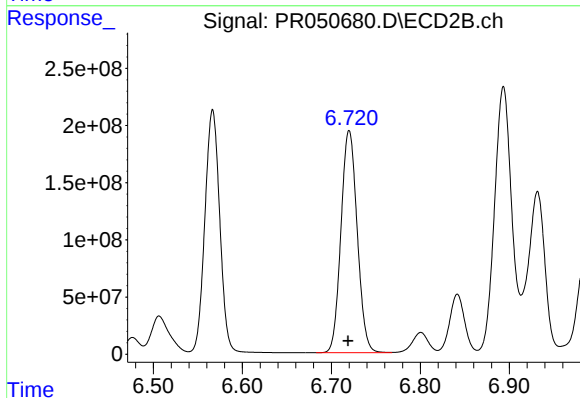
R.T.: 6.567 min
Delta R.T.: 0.002 min
Response: 2466699834
Conc: 5054.41 ng/ml



#33 AR-1260-3

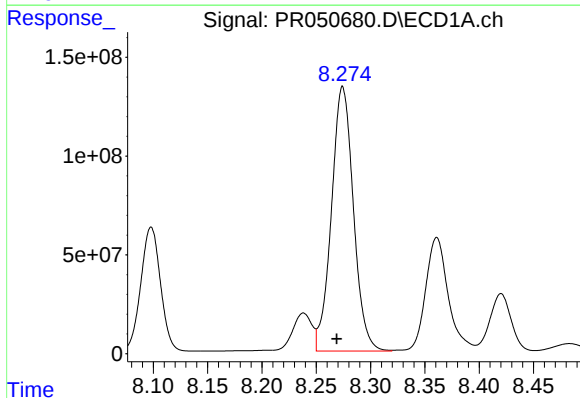
R.T.: 8.039 min
Delta R.T.: 0.006 min
Response: 1456612972
Conc: 4505.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



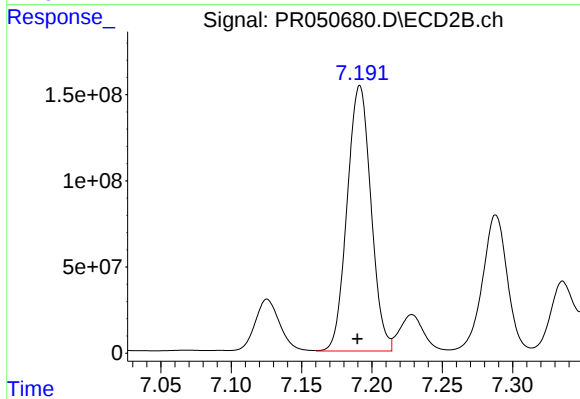
#33 AR-1260-3

R.T.: 6.720 min
Delta R.T.: 0.001 min
Response: 2463790690
Conc: 5271.57 ng/ml



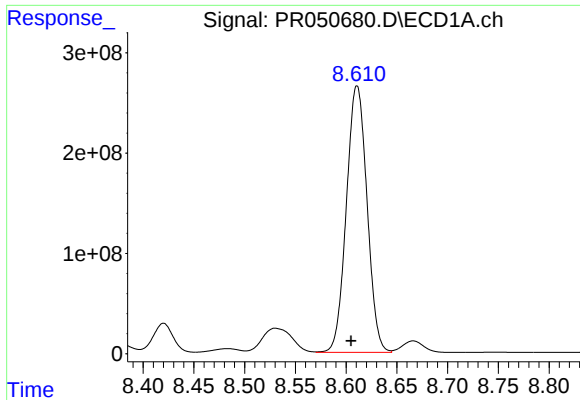
#34 AR-1260-4

R.T.: 8.274 min
Delta R.T.: 0.005 min
Response: 1887275279
Conc: 4912.49 ng/ml



#34 AR-1260-4

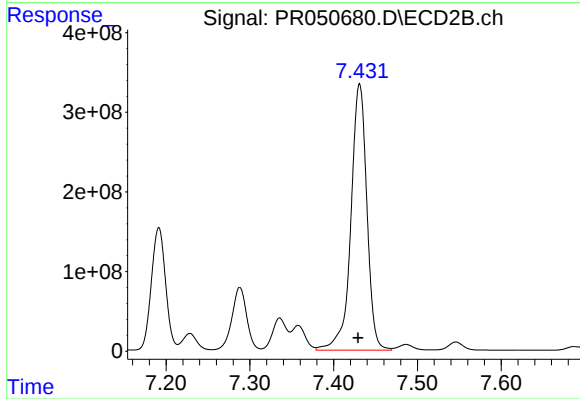
R.T.: 7.191 min
Delta R.T.: 0.002 min
Response: 1815469104
Conc: 4549.60 ng/ml



#35 AR-1260-5

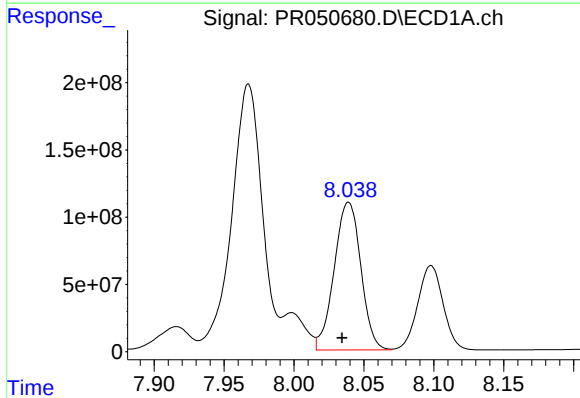
R.T.: 8.611 min
Delta R.T.: 0.006 min
Response: 3767163059
Conc: 4701.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



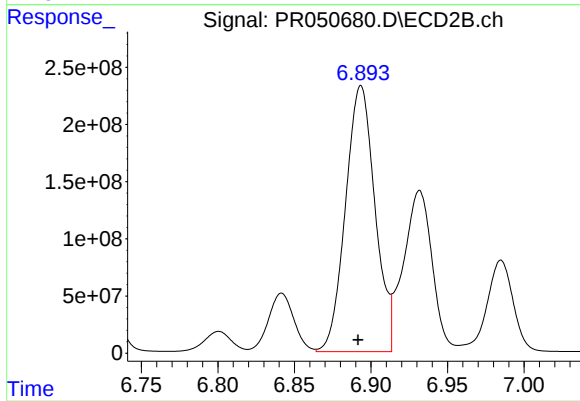
#35 AR-1260-5

R.T.: 7.431 min
Delta R.T.: 0.002 min
Response: 4436221702
Conc: 4555.71 ng/ml



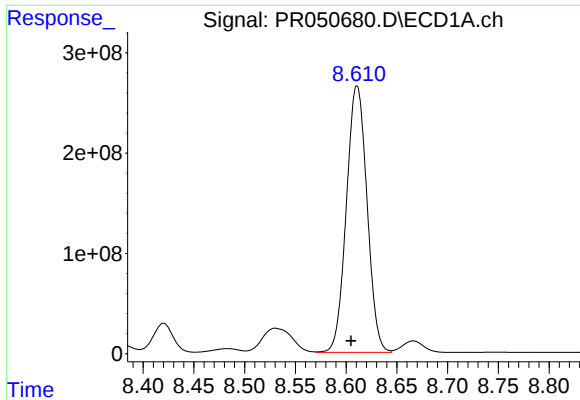
#36 AR-1262-1

R.T.: 8.039 min
Delta R.T.: 0.005 min
Response: 1456612972
Conc: 2532.22 ng/ml



#36 AR-1262-1

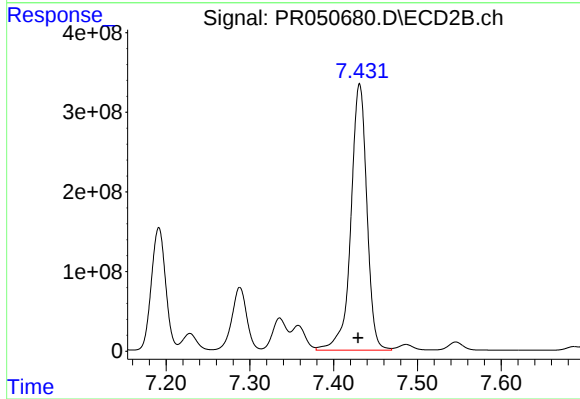
R.T.: 6.893 min
Delta R.T.: 0.002 min
Response: 3124171278
Conc: 8802.39 ng/ml



#37 AR-1262-2

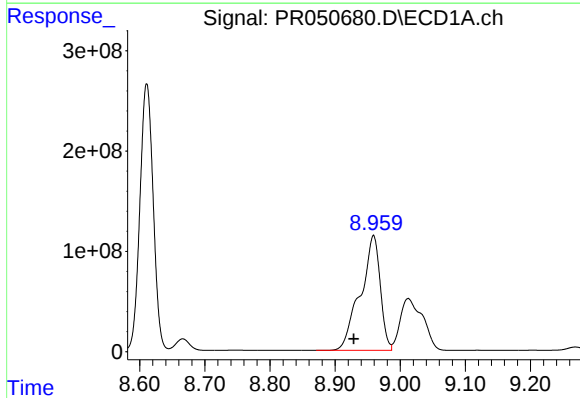
R.T.: 8.611 min
Delta R.T.: 0.006 min
Response: 3767163059
Conc: 3441.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



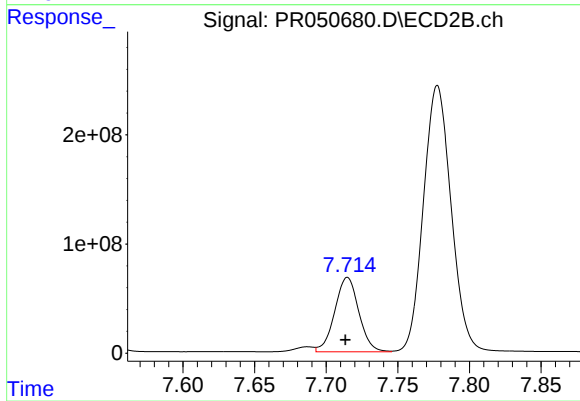
#37 AR-1262-2

R.T.: 7.431 min
Delta R.T.: 0.002 min
Response: 4436221702
Conc: 3358.08 ng/ml



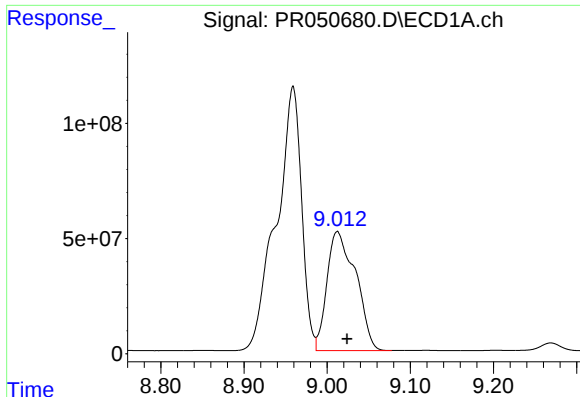
#38 AR-1262-3

R.T.: 8.959 min
Delta R.T.: 0.030 min
Response: 2420807059
Conc: 3396.27 ng/ml



#38 AR-1262-3

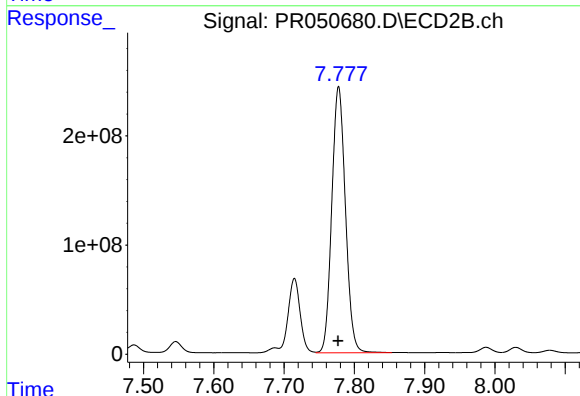
R.T.: 7.715 min
Delta R.T.: 0.001 min
Response: 797037079
Conc: 1609.34 ng/ml



#39 AR-1262-4

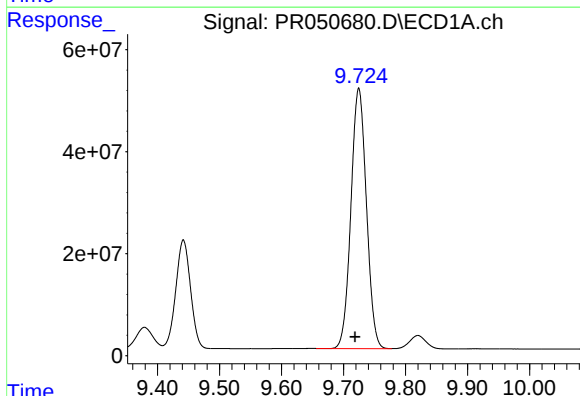
R.T.: 9.012 min
Delta R.T.: -0.012 min
Response: 1242691547
Conc: 2350.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



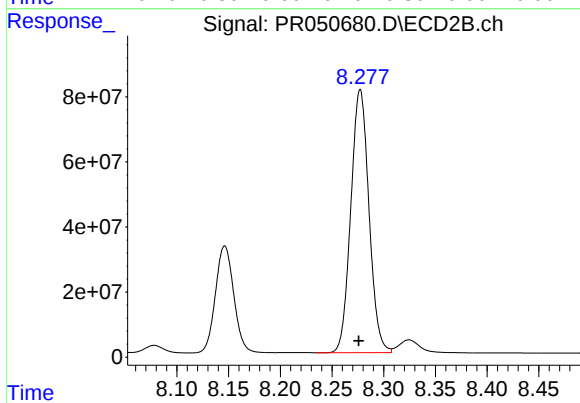
#39 AR-1262-4

R.T.: 7.778 min
Delta R.T.: 0.000 min
Response: 3287848493
Conc: 3370.94 ng/ml



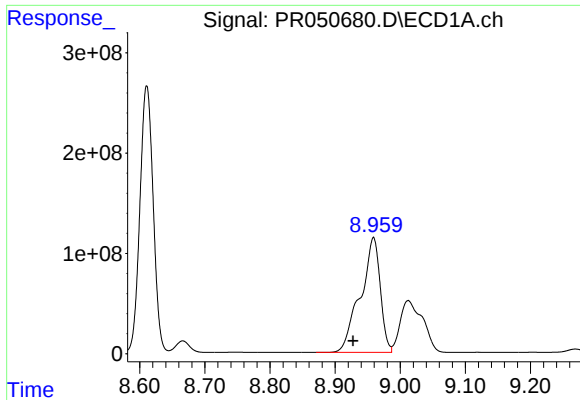
#40 AR-1262-5

R.T.: 9.725 min
Delta R.T.: 0.006 min
Response: 884850394
Conc: 2220.45 ng/ml



#40 AR-1262-5

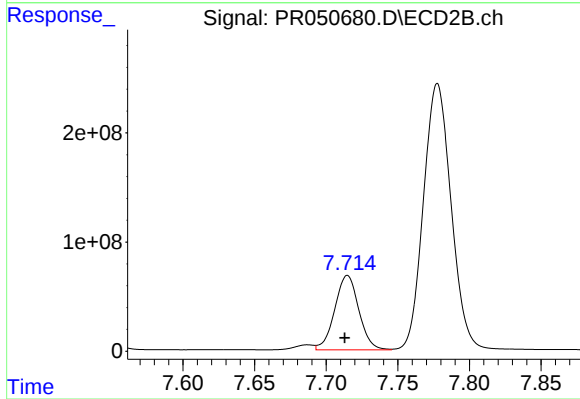
R.T.: 8.277 min
Delta R.T.: 0.001 min
Response: 988094961
Conc: 2249.01 ng/ml



#41 AR-1268-1

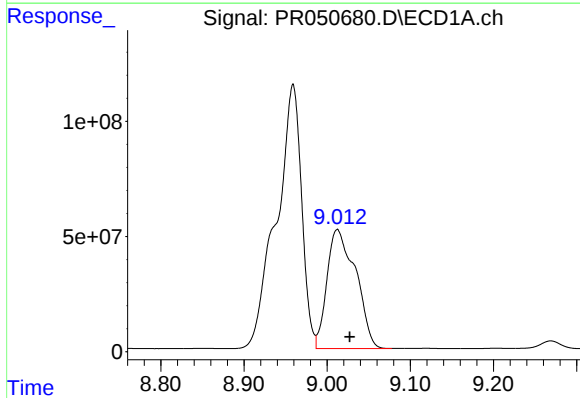
R.T.: 8.959 min
Delta R.T.: 0.032 min
Response: 2420807059
Conc: 1685.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



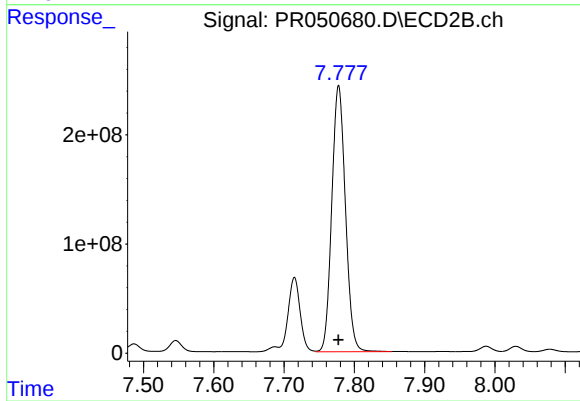
#41 AR-1268-1

R.T.: 7.715 min
Delta R.T.: 0.002 min
Response: 797037079
Conc: 476.40 ng/ml



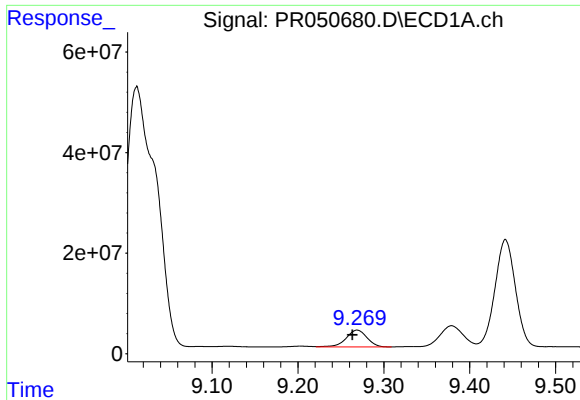
#42 AR-1268-2

R.T.: 9.012 min
Delta R.T.: -0.015 min
Response: 1242691547
Conc: 946.76 ng/ml



#42 AR-1268-2

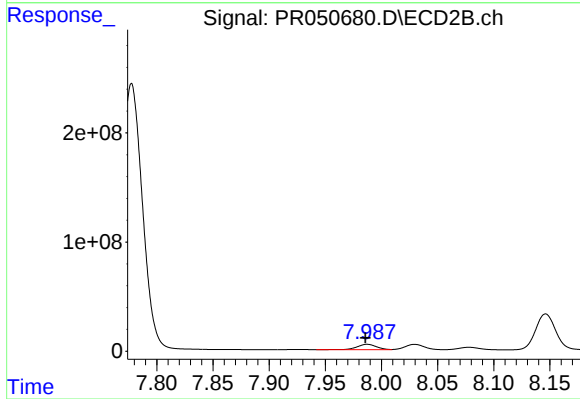
R.T.: 7.778 min
Delta R.T.: 0.000 min
Response: 3287848493
Conc: 2118.83 ng/ml



#43 AR-1268-3

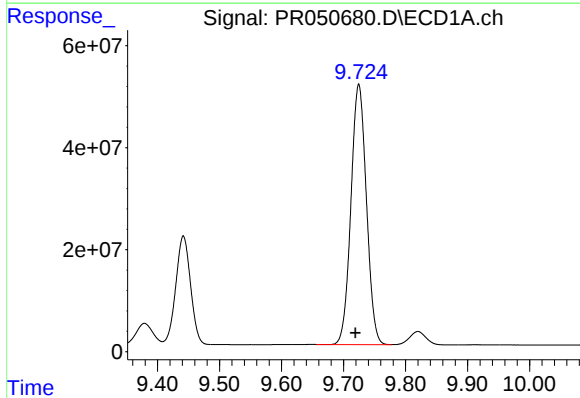
R.T.: 9.269 min
Delta R.T.: 0.006 min
Response: 56572857
Conc: 50.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



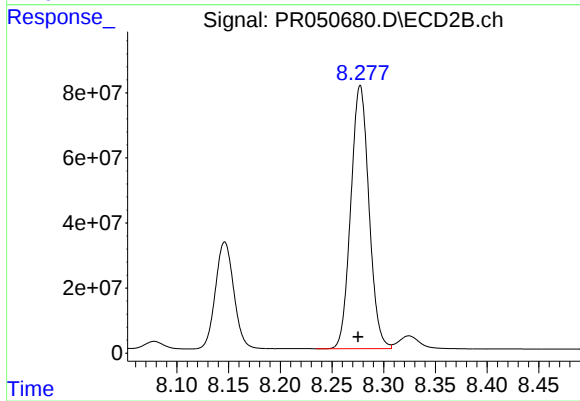
#43 AR-1268-3

R.T.: 7.987 min
Delta R.T.: 0.002 min
Response: 59656127
Conc: 46.32 ng/ml



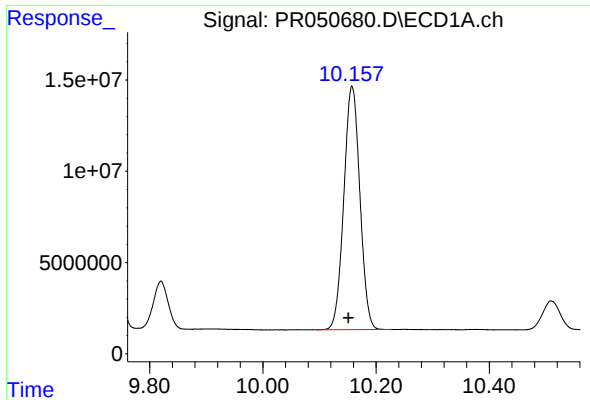
#44 AR-1268-4

R.T.: 9.725 min
Delta R.T.: 0.005 min
Response: 884850394
Conc: 1786.14 ng/ml



#44 AR-1268-4

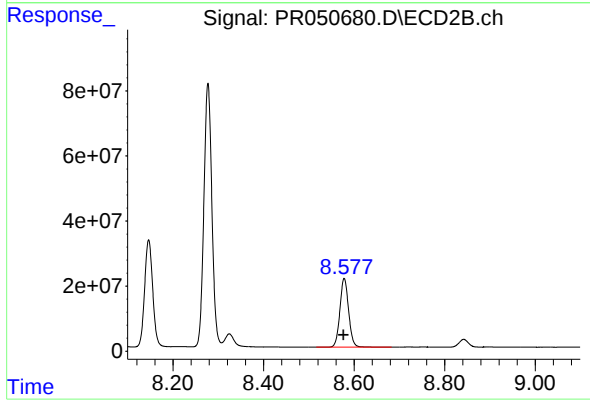
R.T.: 8.277 min
Delta R.T.: 0.002 min
Response: 988094961
Conc: 1789.36 ng/ml



#45 AR-1268-5

R.T.: 10.158 min
Delta R.T.: 0.007 min
Response: 263088025
Conc: 67.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.578 min
Delta R.T.: 0.002 min
Response: 280535767
Conc: 67.76 ng/ml