

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR040953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 11:05
 Operator : SM\AJ
 Sample : K4807-04MS 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AS5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:30:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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...	4.723	3.992	18416236	79902233	5.992	6.000
2)	SA Decachlor...	10.642	9.119	36032825	110.9E6	12.947	11.345
Target Compounds							
3)	L1 AR-1016-1	5.900	5.093	18307026	43688527	162.358	165.059
4)	L1 AR-1016-2	5.924	5.114	35149874	68697017	220.903	187.175
5)	L1 AR-1016-3	5.986	5.294	14853108	42122569	158.519	207.329 #
6)	L1 AR-1016-4	6.086	5.331	17615452	656.4E6	225.731	4019.054 #
7)	L1 AR-1016-5	6.380	5.549	176.9E6	445.2E6	2269.627	1915.771
9)	L2 AR-1221-2	0.000	4.293	0	4419678	N.D.	57.555 #
10)	L2 AR-1221-3	5.098	4.371	6514323	16619318	82.361	73.396
11)	L3 AR-1232-1	5.098	4.371	6514323	16619318	130.326	122.777
12)	L3 AR-1232-2	5.633	5.114	11764180	68697017	447.224	528.816
13)	L3 AR-1232-3	5.924	5.294	35149874	42122569	636.663	573.439
14)	L3 AR-1232-4	6.086	5.375	17615452	220.3E6	630.128	3316.049 #
15)	L3 AR-1232-5	6.173	5.549	278.9E6	445.2E6	13363.520	5403.120 #
16)	L4 AR-1242-1	5.900	5.093	18307026	43688527	246.382	251.466
17)	L4 AR-1242-2	5.924	5.114	35149874	68697017	335.385	287.041
18)	L4 AR-1242-3	5.986	5.294	14853108	42122569	234.669	310.256 #
19)	L4 AR-1242-4	6.086	5.375	17615452	220.3E6	333.360	1601.794 #
20)	L4 AR-1242-5	6.826	5.904	235.7E6	2178.1E6	3740.233	9497.188 #
21)	L5 AR-1248-1	5.900	5.093	18307026	43688527	312.648	315.340
22)	L5 AR-1248-2	6.173	5.331	278.9E6	656.4E6	3344.503	3337.003
23)	L5 AR-1248-3	6.380	5.375	176.9E6	220.3E6	1875.313	1084.103 #
24)	L5 AR-1248-4	6.783	5.549	186.9E6	445.2E6	1598.826	1688.862
25)	L5 AR-1248-5	6.826	5.945	235.7E6	355.6E6	2149.082	1125.223 #
26)	L6 AR-1254-1	6.757	5.904	732.4E6	2178.1E6	5975.305	4549.523
27)	L6 AR-1254-2	6.974	6.051	1312.8E6	2665.5E6	6856.491	6036.544
28)	L6 AR-1254-3	7.344	6.459	1751.8E6	5240.2E6	8094.878	6965.900
29)	L6 AR-1254-4	7.630	6.687	1418.1E6	3899.2E6	8705.609	7456.748
30)	L6 AR-1254-5	8.048	7.107	1711.3E6	5597.7E6	9368.612	8761.514
31)	L7 AR-1260-1	7.507	6.589	662.5E6	2474.0E6	4291.489	4856.175
32)	L7 AR-1260-2	7.761	6.775	870.2E6	2480.5E6	4730.407	3901.943
33)	L7 AR-1260-3	8.114	6.932	177.9E6	2232.1E6	1281.161	3870.178 #
34)	L7 AR-1260-4	8.351	7.407	625.4E6	336.8E6	3846.562	682.211 #
35)	L7 AR-1260-5	8.699	7.645	323.0E6	942.3E6	944.821	724.276
36)	L8 AR-1262-1	8.114	7.179	177.9E6	561.9E6	784.682	685.652
37)	L8 AR-1262-2	8.699	7.645	323.0E6	942.3E6	737.089	603.909
38)	L8 AR-1262-3	9.052	7.933	211.2E6	98242654	752.126	162.687 #
39)	L8 AR-1262-4	9.104	7.995	61483238	809.9E6	302.572	726.255 #
40)	L8 AR-1262-5	9.831	8.515	31733788	108.2E6	218.642	207.071
41)	L9 AR-1268-1	9.052	7.933	211.2E6	98242654	473.581	61.270 #
42)	L9 AR-1268-2	9.104	7.995	61483238	809.9E6	150.595	541.901 #
43)	L9 AR-1268-3	0.000	8.214	0	6938131	N.D.	5.552 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091119\
 Data File : PR040953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 11:05
 Operator : SM\AJ
 Sample : K4807-04MS 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AS5MS

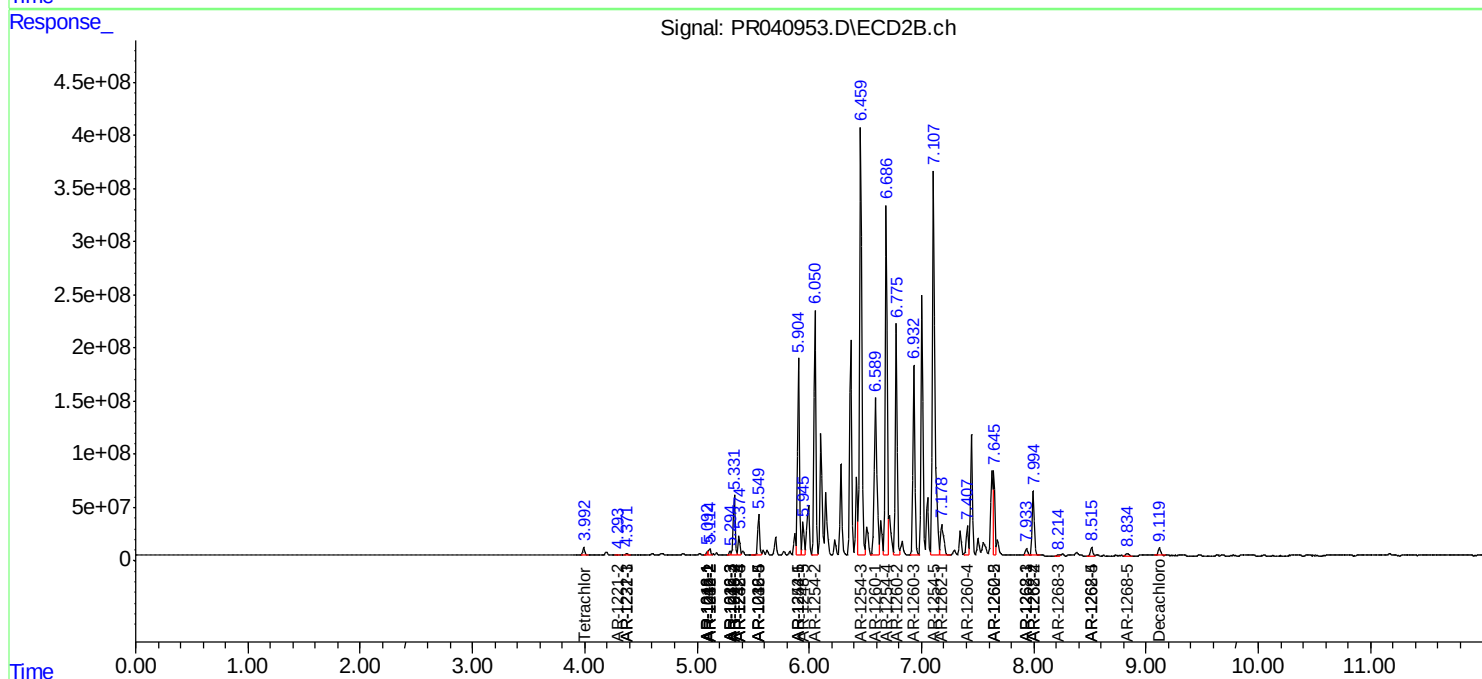
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:30:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 2019
 Response via : Initial Calibration
 Integrator: ChemStation

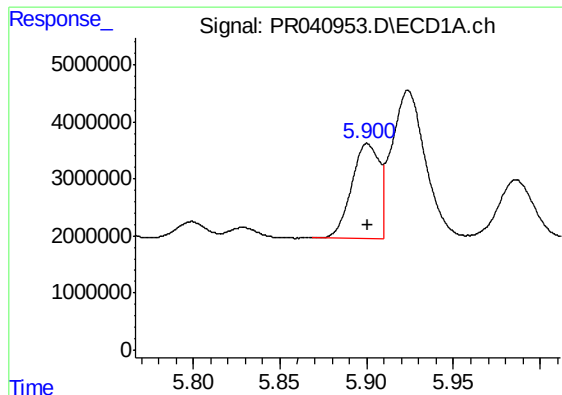
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.831	8.515	31733788	108.2E6	221.266	207.781
45) L9	AR-1268-5	10.278	8.835	12659316	31661066	11.160	8.583

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

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

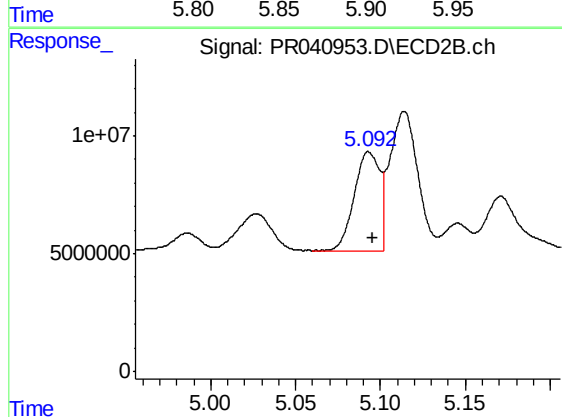




#3 AR-1016-1

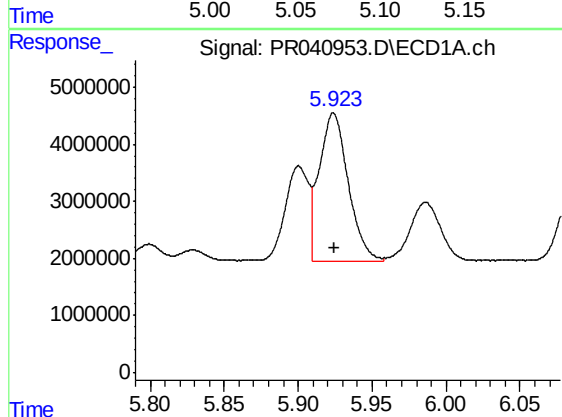
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 18307026
Conc: 162.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



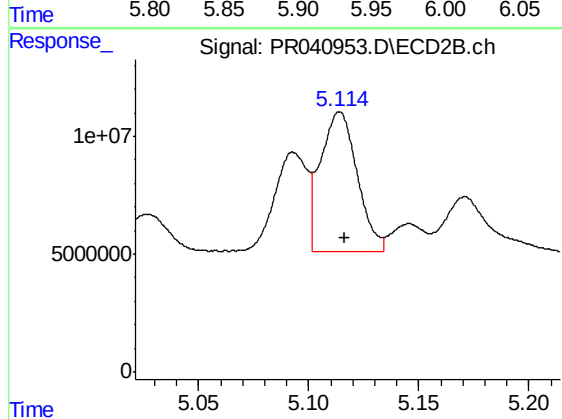
#3 AR-1016-1

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 43688527
Conc: 165.06 ng/ml



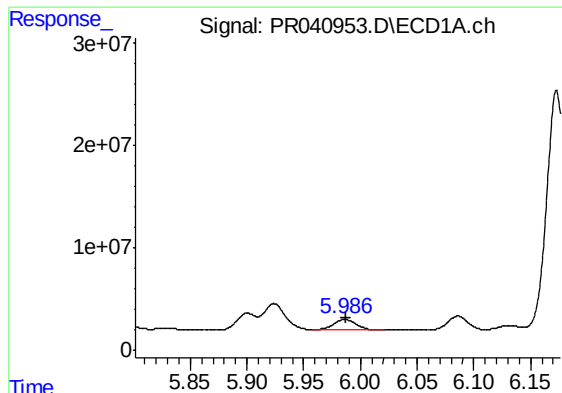
#4 AR-1016-2

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 35149874
Conc: 220.90 ng/ml



#4 AR-1016-2

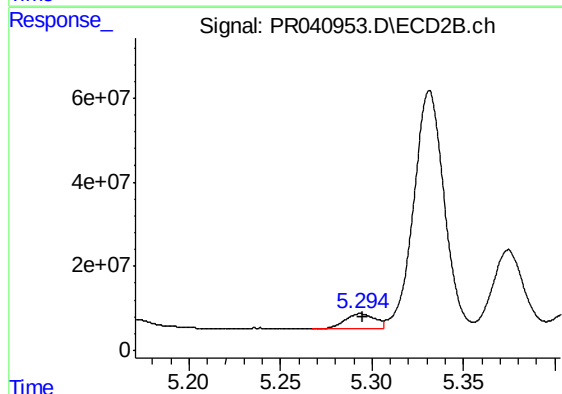
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 68697017
Conc: 187.18 ng/ml



#5 AR-1016-3

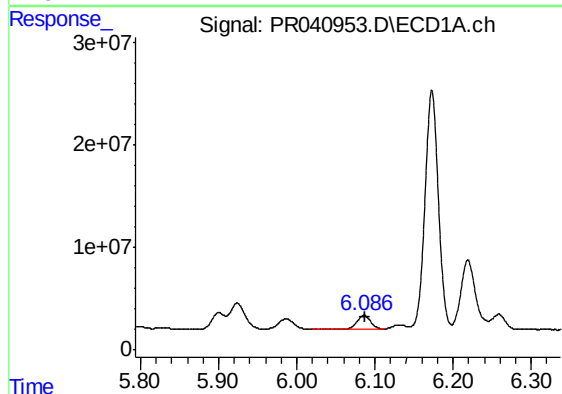
R.T.: 5.986 min
Delta R.T.: -0.001 min
Response: 14853108
Conc: 158.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



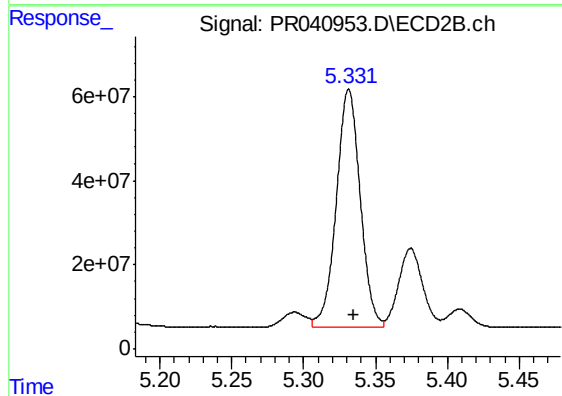
#5 AR-1016-3

R.T.: 5.294 min
Delta R.T.: -0.001 min
Response: 42122569
Conc: 207.33 ng/ml



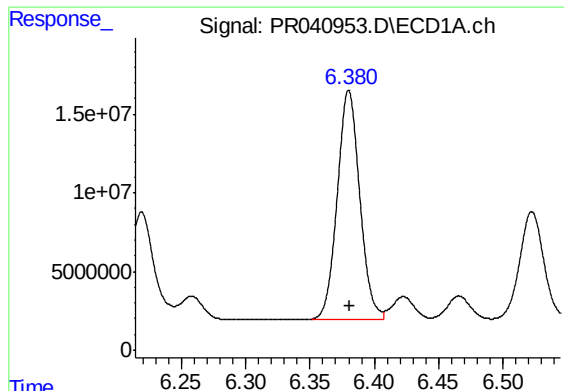
#6 AR-1016-4

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 17615452
Conc: 225.73 ng/ml



#6 AR-1016-4

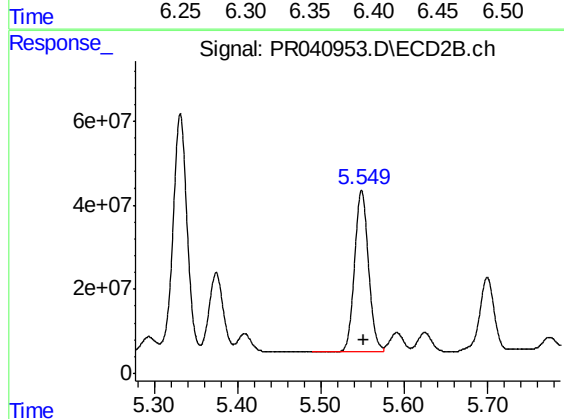
R.T.: 5.331 min
Delta R.T.: -0.003 min
Response: 656372084
Conc: 4019.05 ng/ml



#7 AR-1016-5

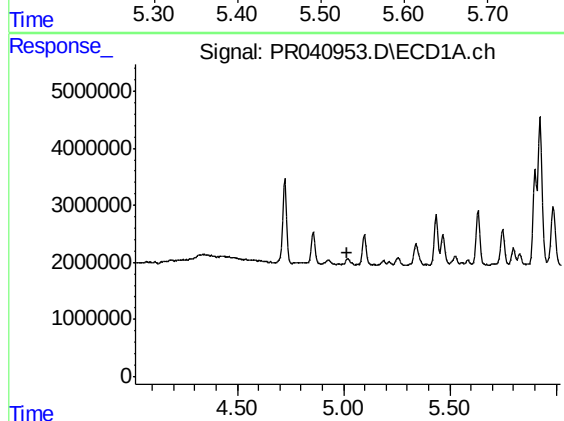
R.T.: 6.380 min
Delta R.T.: -0.001 min
Response: 176920913
Conc: 2269.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



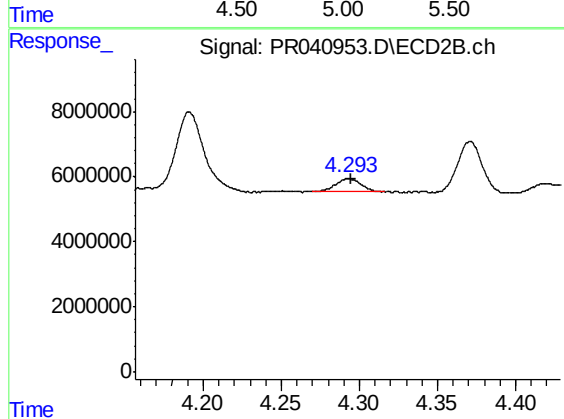
#7 AR-1016-5

R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 445236562
Conc: 1915.77 ng/ml



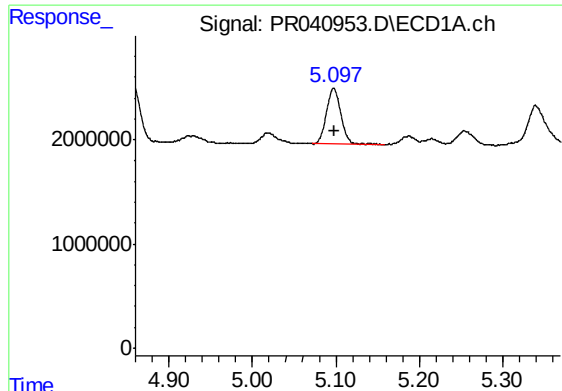
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.020 min
Response: 0
Conc: N.D.



#9 AR-1221-2

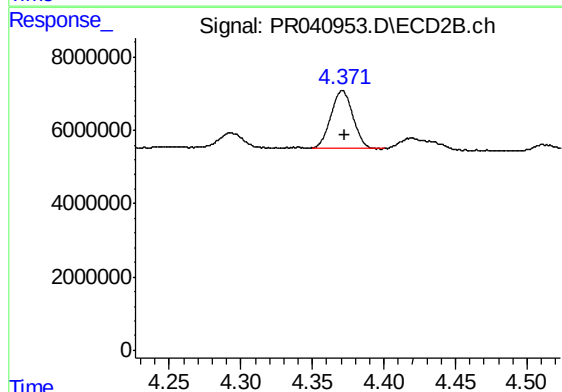
R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 4419678
Conc: 57.55 ng/ml



#10 AR-1221-3

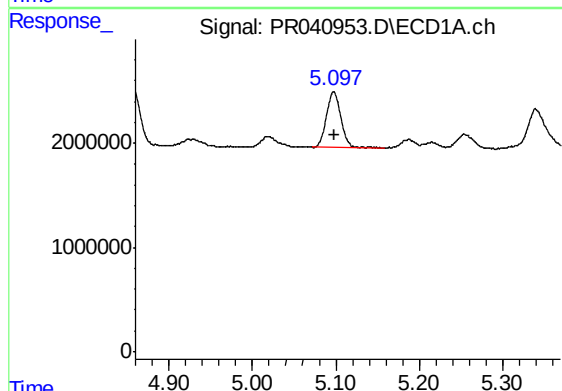
R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 6514323
Conc: 82.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



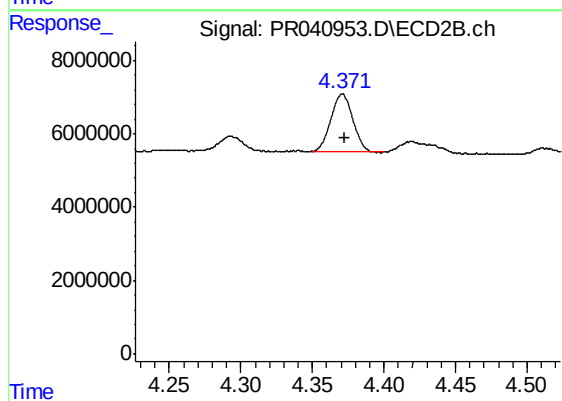
#10 AR-1221-3

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 16619318
Conc: 73.40 ng/ml



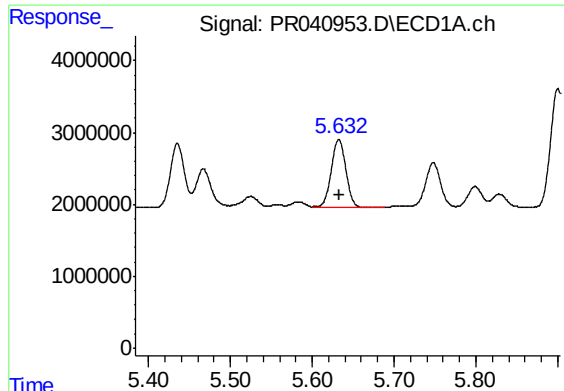
#11 AR-1232-1

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 6514323
Conc: 130.33 ng/ml



#11 AR-1232-1

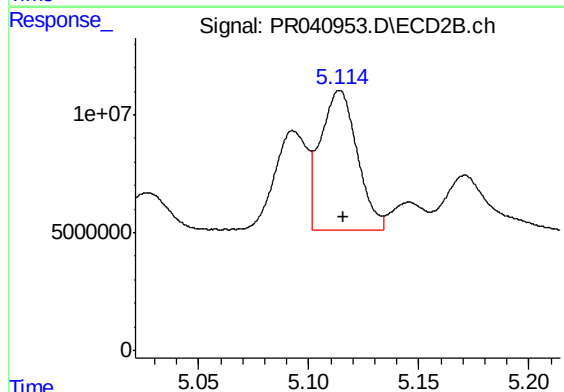
R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 16619318
Conc: 122.78 ng/ml



#12 AR-1232-2

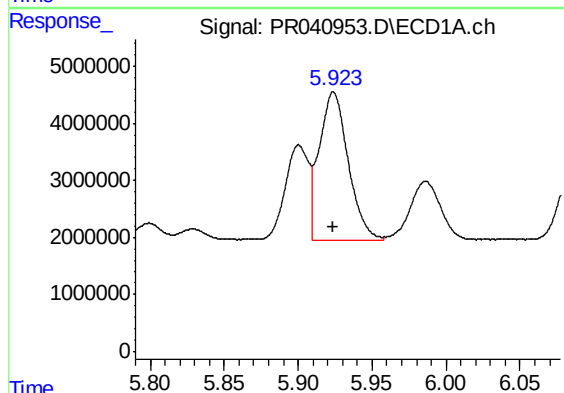
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 11764180
Conc: 447.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



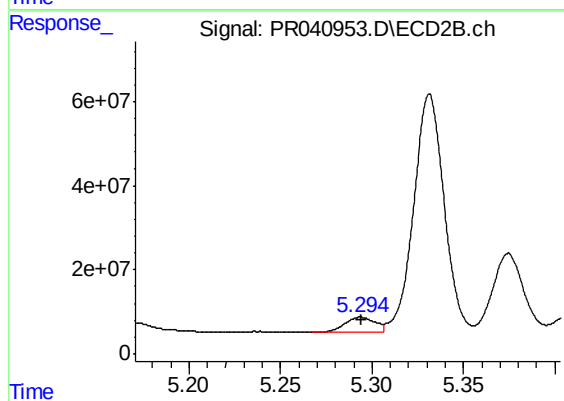
#12 AR-1232-2

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 68697017
Conc: 528.82 ng/ml



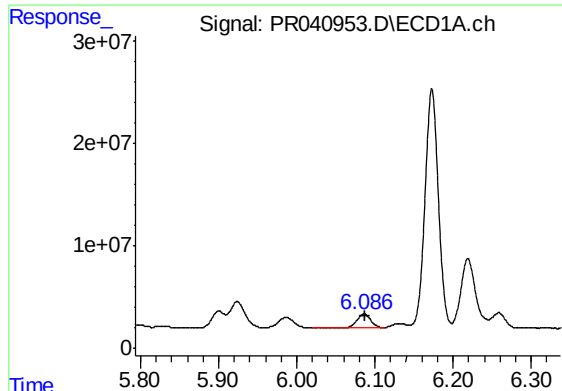
#13 AR-1232-3

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 35149874
Conc: 636.66 ng/ml



#13 AR-1232-3

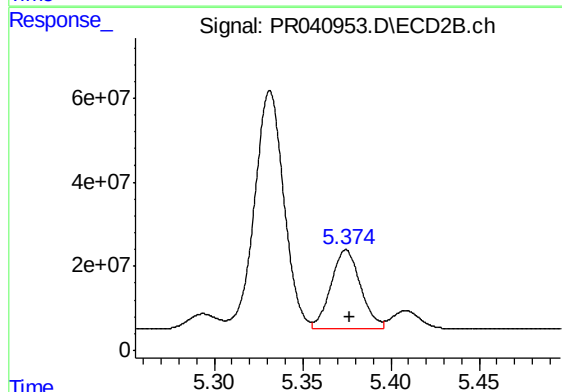
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 42122569
Conc: 573.44 ng/ml



#14 AR-1232-4

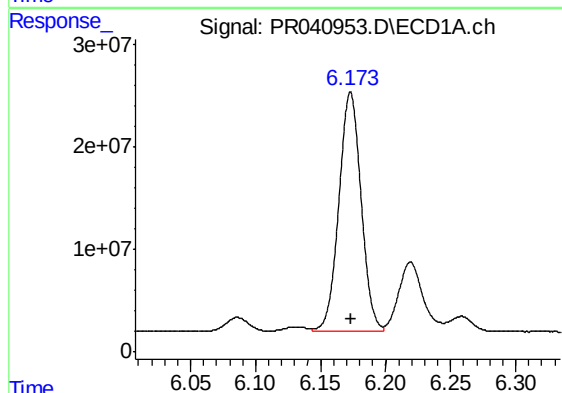
R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 17615452
Conc: 630.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



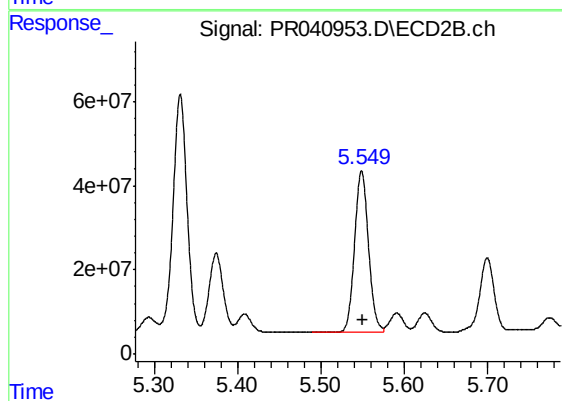
#14 AR-1232-4

R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 220261436
Conc: 3316.05 ng/ml



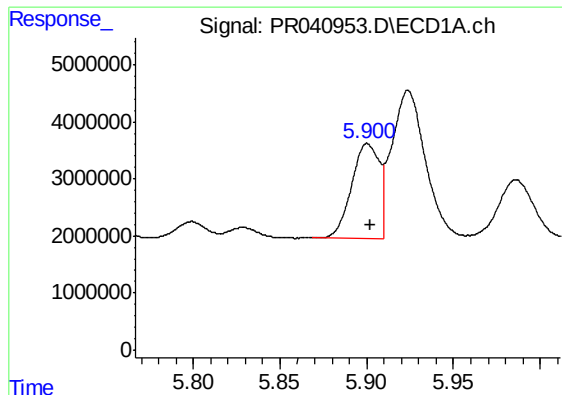
#15 AR-1232-5

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 278908019
Conc: 13363.52 ng/ml



#15 AR-1232-5

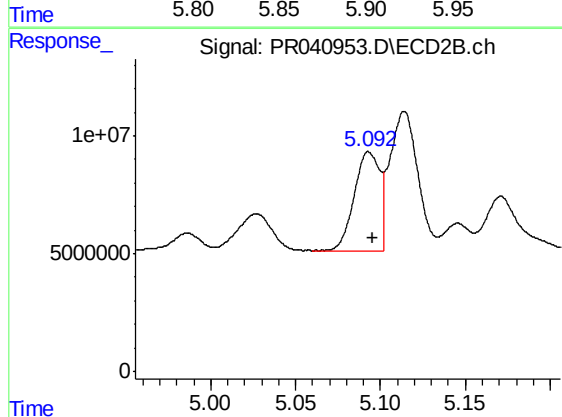
R.T.: 5.549 min
Delta R.T.: -0.001 min
Response: 445236562
Conc: 5403.12 ng/ml



#16 AR-1242-1

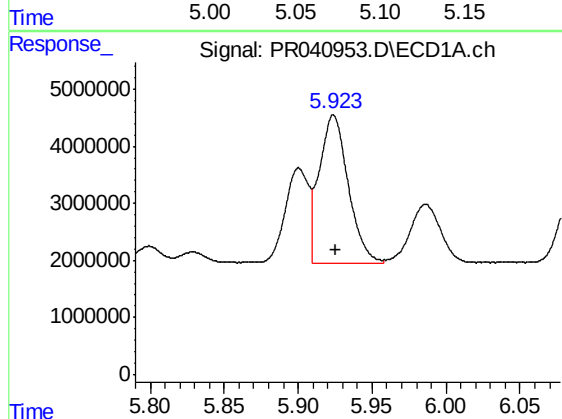
R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 18307026
Conc: 246.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



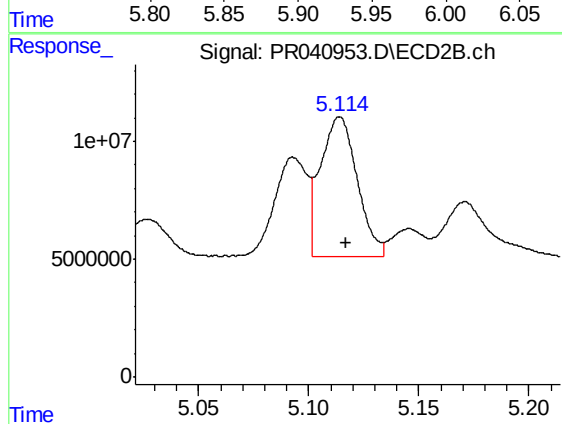
#16 AR-1242-1

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 43688527
Conc: 251.47 ng/ml



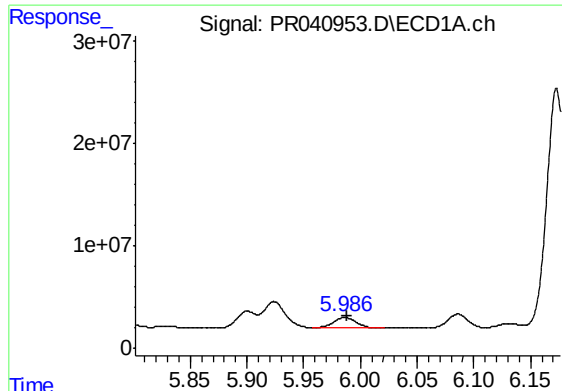
#17 AR-1242-2

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 35149874
Conc: 335.39 ng/ml



#17 AR-1242-2

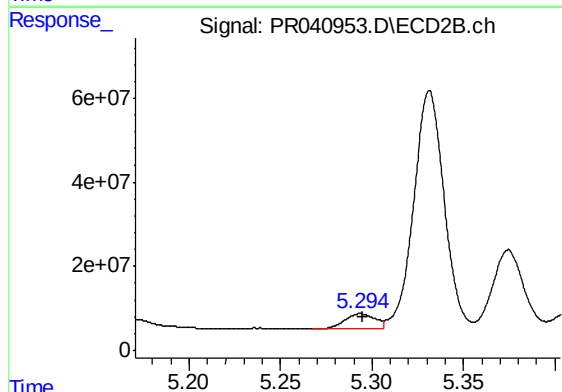
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 68697017
Conc: 287.04 ng/ml



#18 AR-1242-3

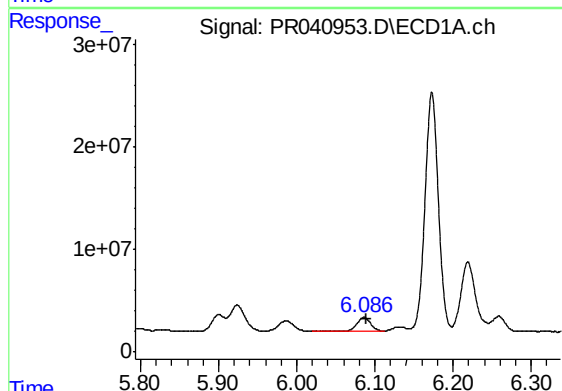
R.T.: 5.986 min
Delta R.T.: -0.002 min
Response: 14853108
Conc: 234.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



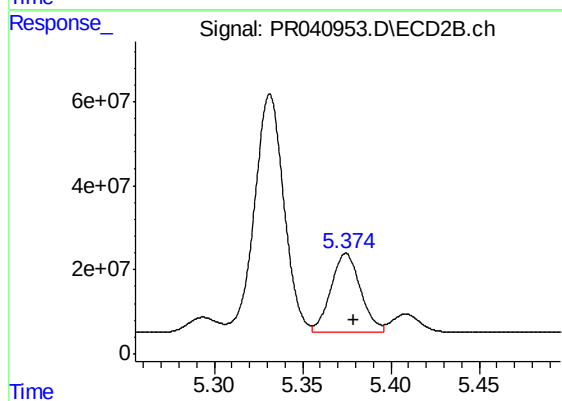
#18 AR-1242-3

R.T.: 5.294 min
Delta R.T.: -0.001 min
Response: 42122569
Conc: 310.26 ng/ml



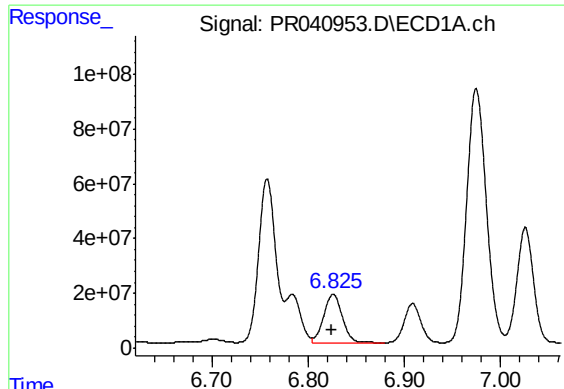
#19 AR-1242-4

R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 17615452
Conc: 333.36 ng/ml



#19 AR-1242-4

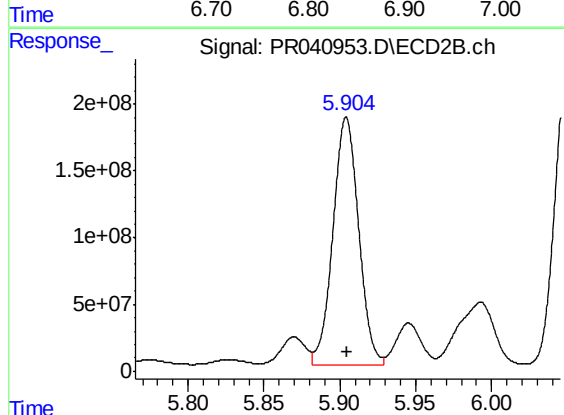
R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 220261436
Conc: 1601.79 ng/ml



#20 AR-1242-5

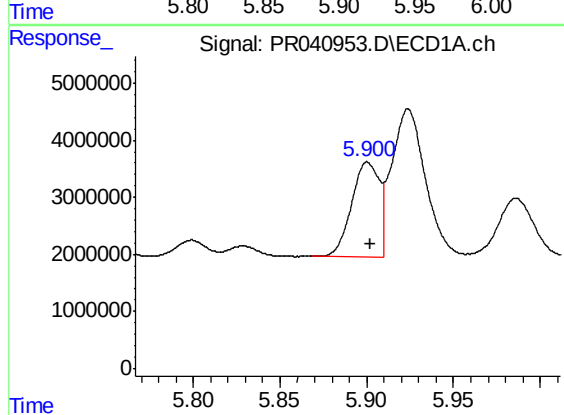
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 235678809
Conc: 3740.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



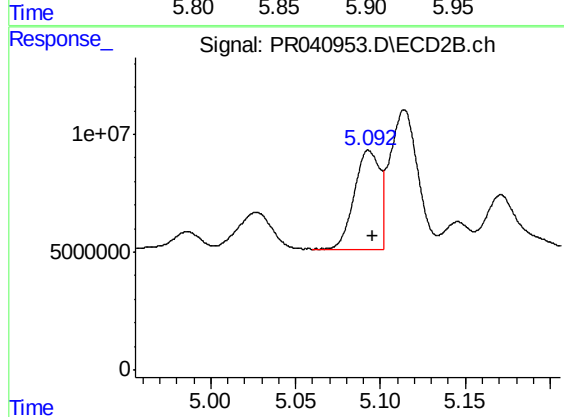
#20 AR-1242-5

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 2178142707
Conc: 9497.19 ng/ml



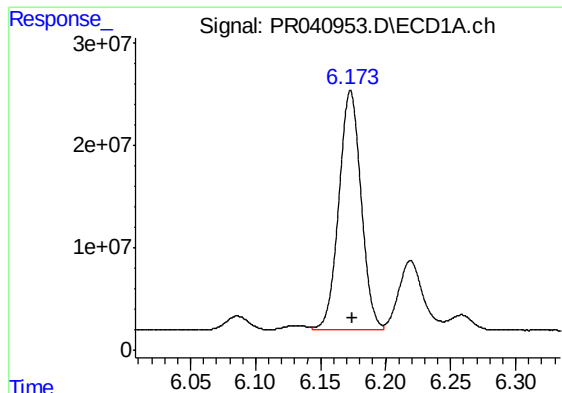
#21 AR-1248-1

R.T.: 5.900 min
Delta R.T.: -0.001 min
Response: 18307026
Conc: 312.65 ng/ml



#21 AR-1248-1

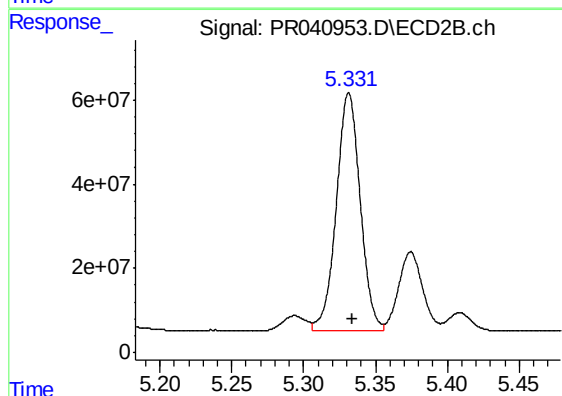
R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 43688527
Conc: 315.34 ng/ml



#22 AR-1248-2

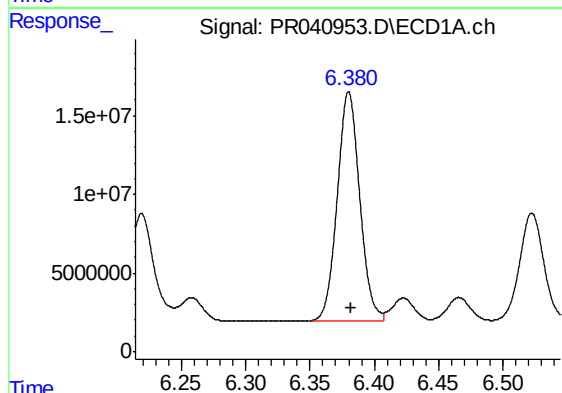
R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 278908019
Conc: 3344.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



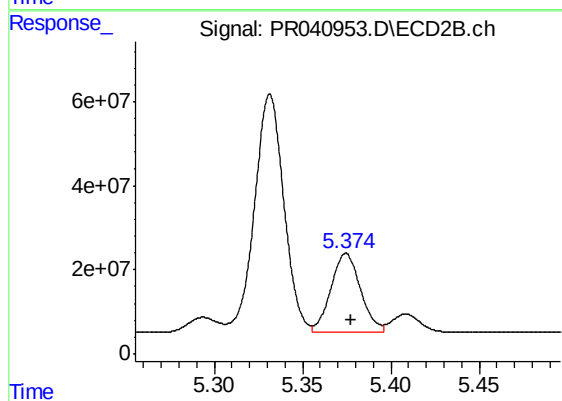
#22 AR-1248-2

R.T.: 5.331 min
Delta R.T.: -0.003 min
Response: 656372084
Conc: 3337.00 ng/ml



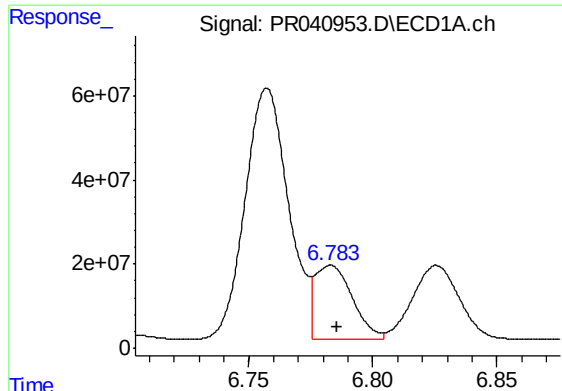
#23 AR-1248-3

R.T.: 6.380 min
Delta R.T.: -0.001 min
Response: 176920913
Conc: 1875.31 ng/ml



#23 AR-1248-3

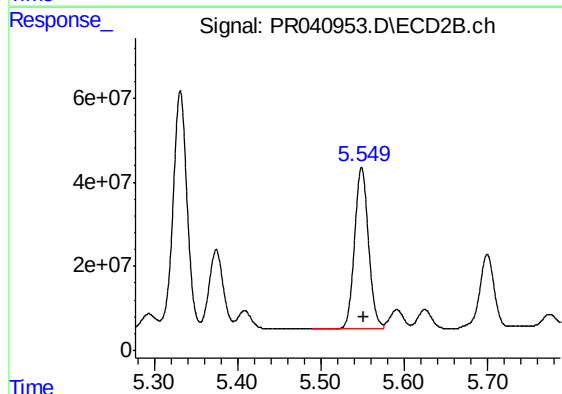
R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 220261436
Conc: 1084.10 ng/ml



#24 AR-1248-4

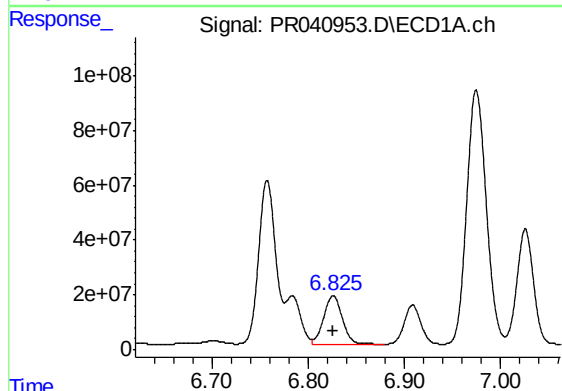
R.T.: 6.783 min
Delta R.T.: -0.003 min
Response: 186853057
Conc: 1598.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



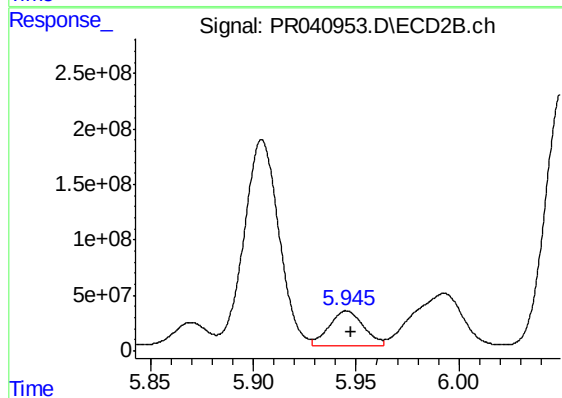
#24 AR-1248-4

R.T.: 5.549 min
Delta R.T.: -0.003 min
Response: 445236562
Conc: 1688.86 ng/ml



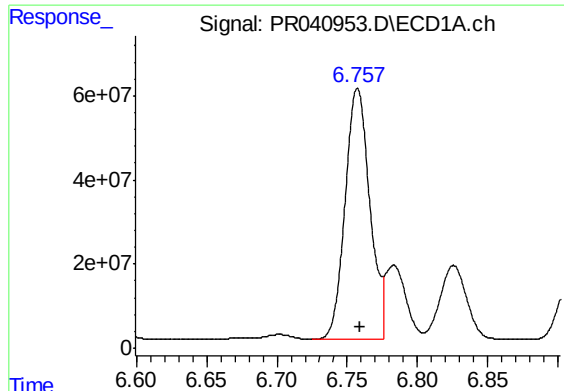
#25 AR-1248-5

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 235678809
Conc: 2149.08 ng/ml



#25 AR-1248-5

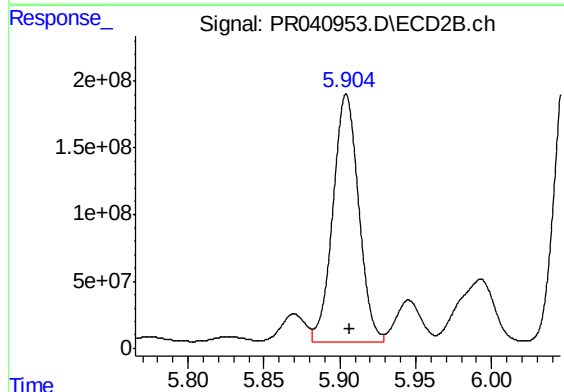
R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 355601439
Conc: 1125.22 ng/ml



#26 AR-1254-1

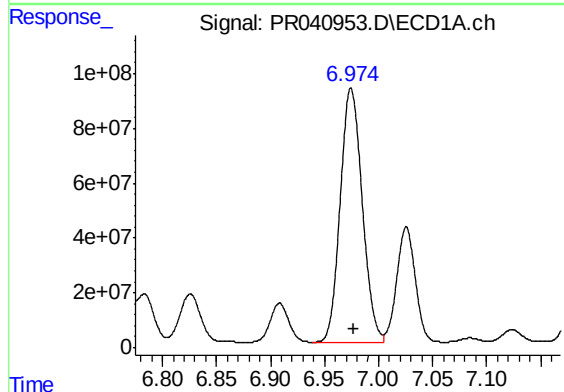
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 732439162
Conc: 5975.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



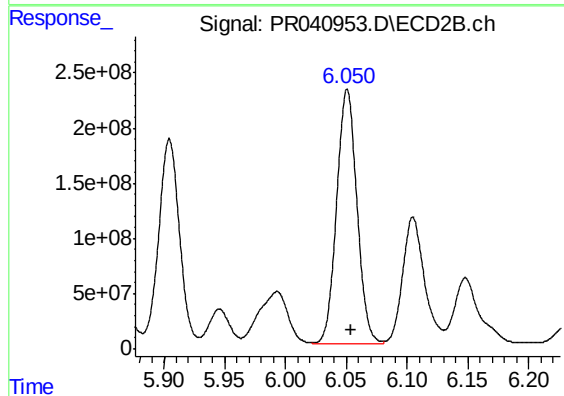
#26 AR-1254-1

R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 2178142707
Conc: 4549.52 ng/ml



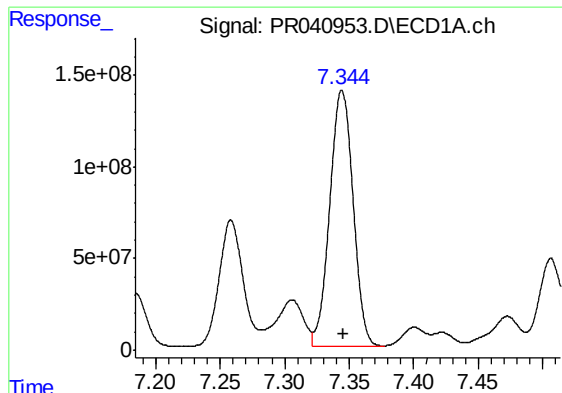
#27 AR-1254-2

R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 1312755696
Conc: 6856.49 ng/ml



#27 AR-1254-2

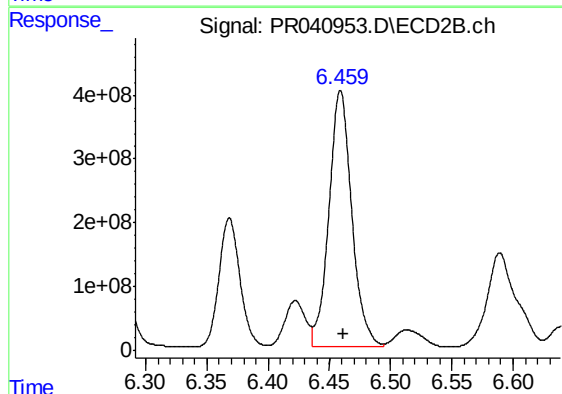
R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 2665539402
Conc: 6036.54 ng/ml



#28 AR-1254-3

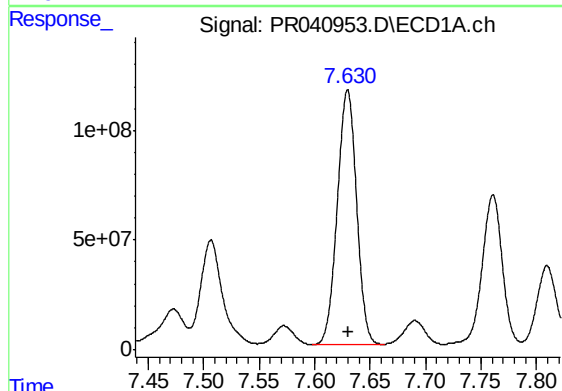
R.T.: 7.344 min
Delta R.T.: -0.002 min
Response: 1751784213
Conc: 8094.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



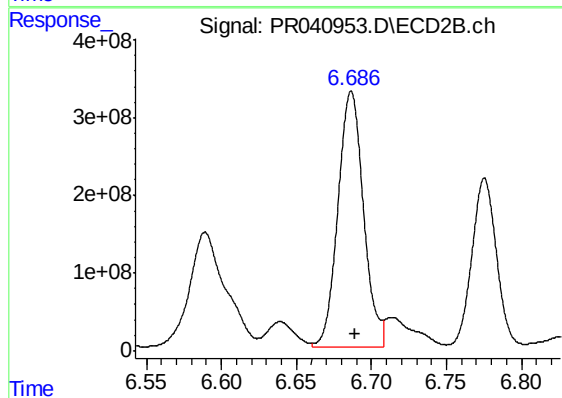
#28 AR-1254-3

R.T.: 6.459 min
Delta R.T.: -0.003 min
Response: 5240197933
Conc: 6965.90 ng/ml



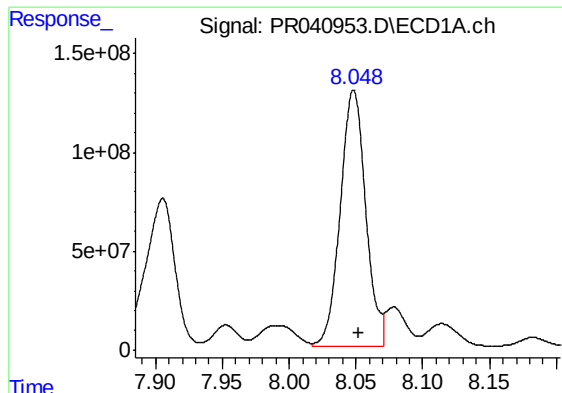
#29 AR-1254-4

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 1418140076
Conc: 8705.61 ng/ml



#29 AR-1254-4

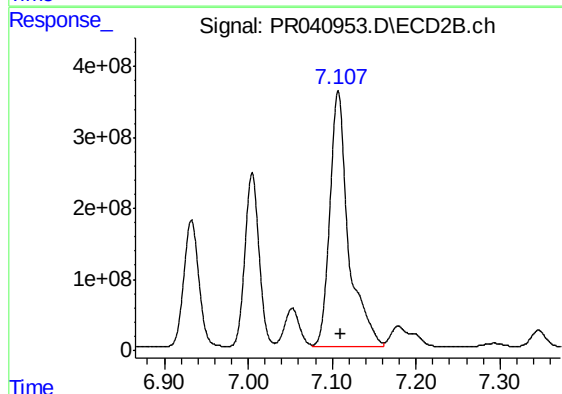
R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 3899208711
Conc: 7456.75 ng/ml



#30 AR-1254-5

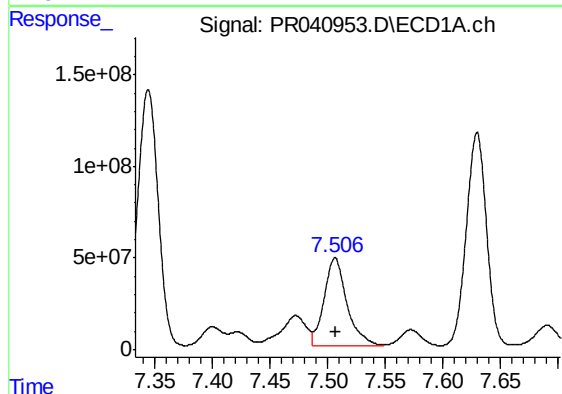
R.T.: 8.048 min
Delta R.T.: -0.003 min
Response: 1711276033
Conc: 9368.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



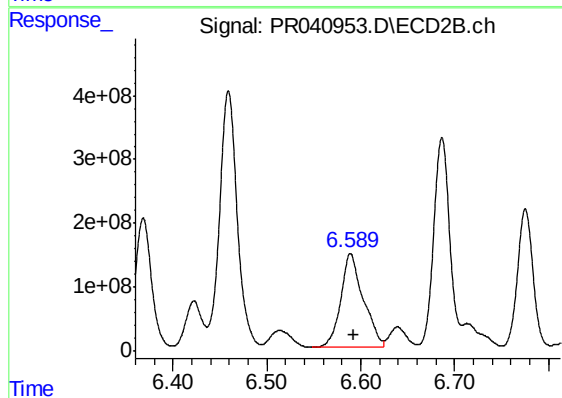
#30 AR-1254-5

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 5597730461
Conc: 8761.51 ng/ml



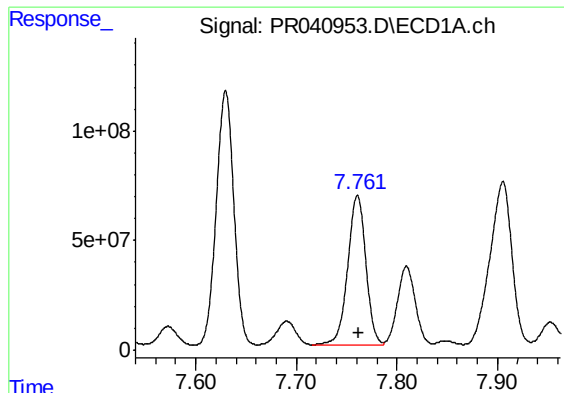
#31 AR-1260-1

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 662489128
Conc: 4291.49 ng/ml



#31 AR-1260-1

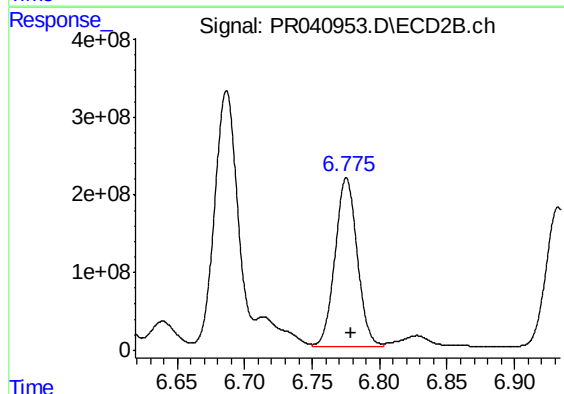
R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 2473962582
Conc: 4856.17 ng/ml



#32 AR-1260-2

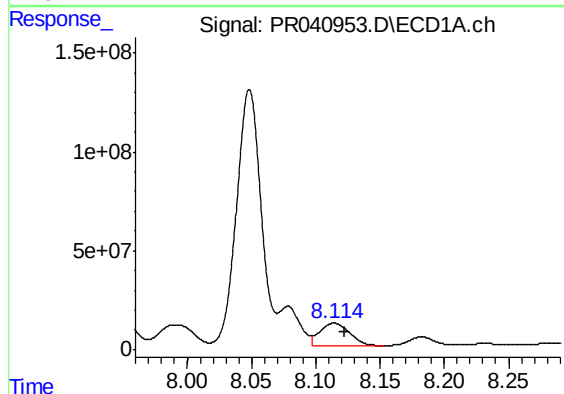
R.T.: 7.761 min
Delta R.T.: -0.002 min
Response: 870237064
Conc: 4730.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



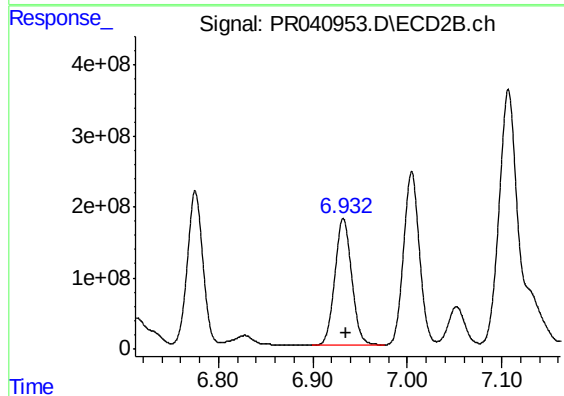
#32 AR-1260-2

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 2480524675
Conc: 3901.94 ng/ml



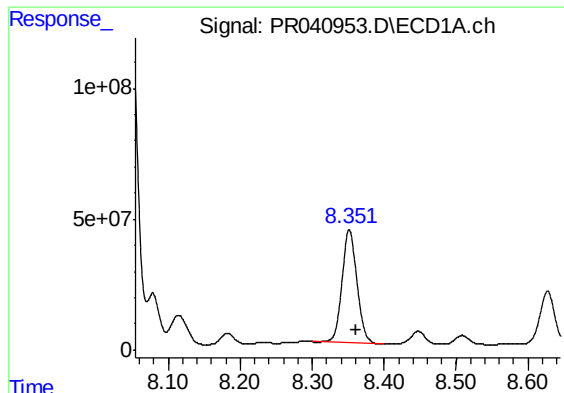
#33 AR-1260-3

R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 177861644
Conc: 1281.16 ng/ml



#33 AR-1260-3

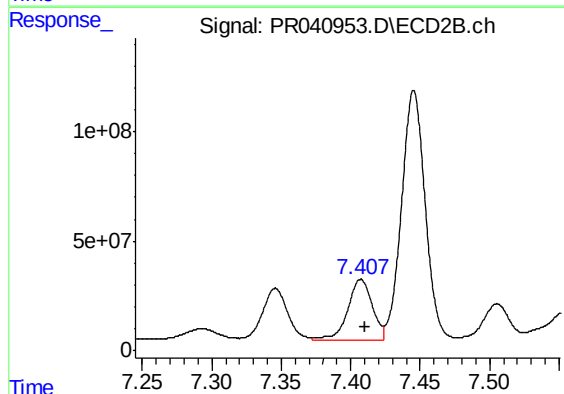
R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 2232142691
Conc: 3870.18 ng/ml



#34 AR-1260-4

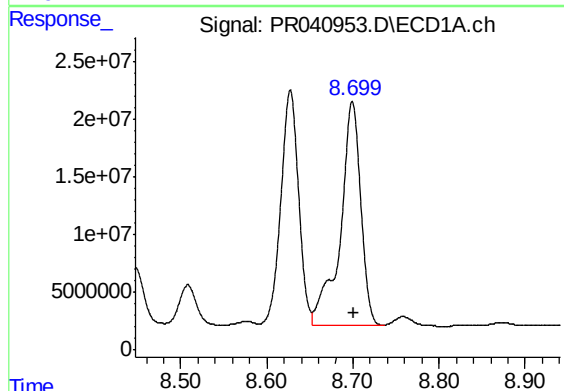
R.T.: 8.351 min
Delta R.T.: -0.011 min
Response: 625445003
Conc: 3846.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



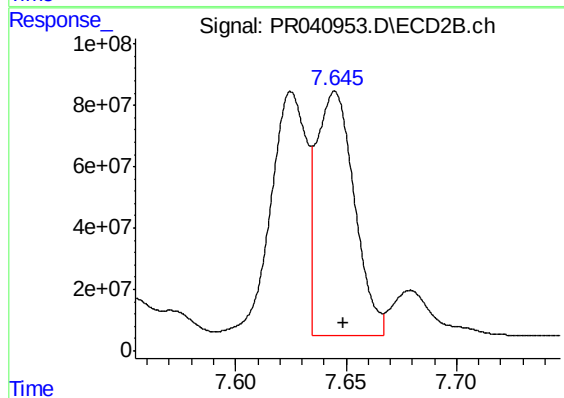
#34 AR-1260-4

R.T.: 7.407 min
Delta R.T.: -0.003 min
Response: 336817030
Conc: 682.21 ng/ml



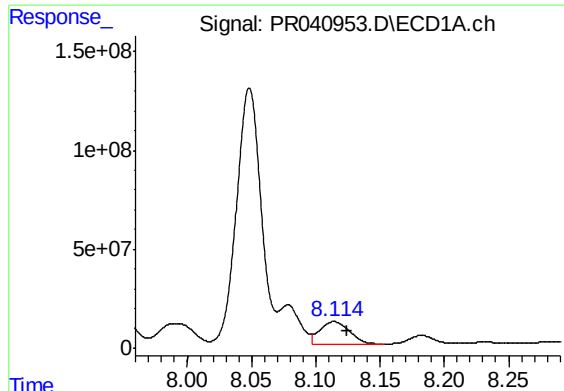
#35 AR-1260-5

R.T.: 8.699 min
Delta R.T.: -0.001 min
Response: 322962489
Conc: 944.82 ng/ml



#35 AR-1260-5

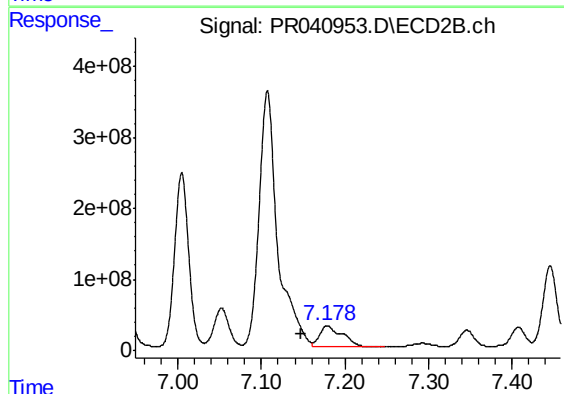
R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 942330686
Conc: 724.28 ng/ml



#36 AR-1262-1

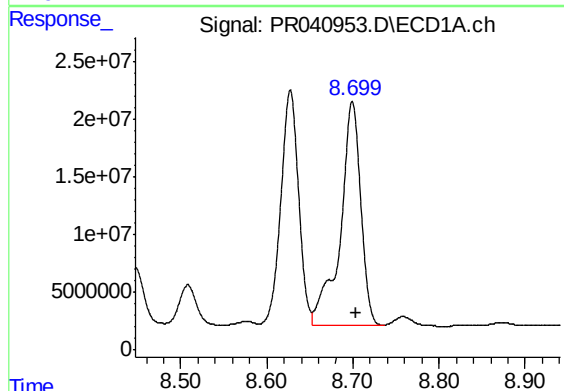
R.T.: 8.114 min
Delta R.T.: -0.011 min
Response: 177861644
Conc: 784.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



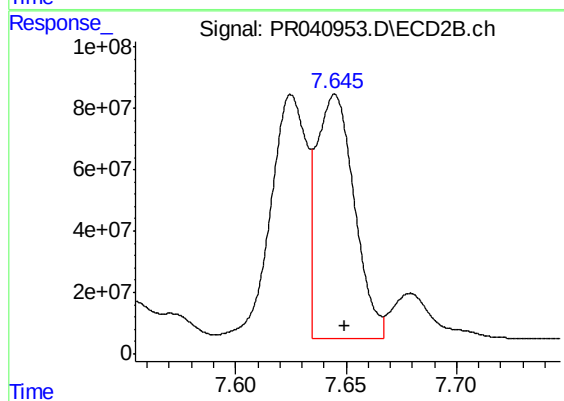
#36 AR-1262-1

R.T.: 7.179 min
Delta R.T.: 0.030 min
Response: 561931598
Conc: 685.65 ng/ml



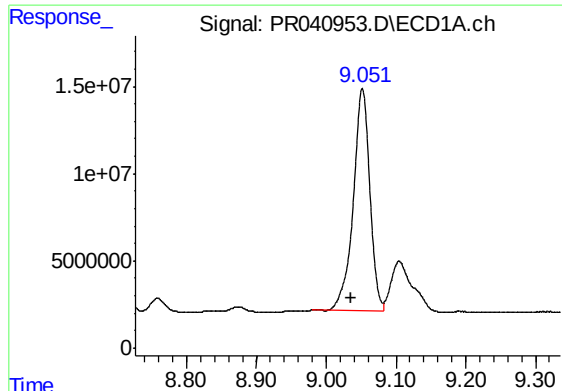
#37 AR-1262-2

R.T.: 8.699 min
Delta R.T.: -0.004 min
Response: 322962489
Conc: 737.09 ng/ml



#37 AR-1262-2

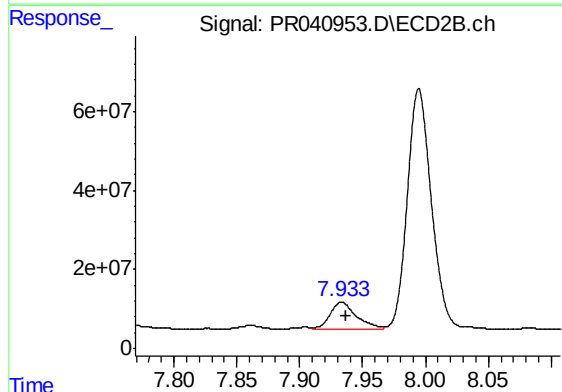
R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 942330686
Conc: 603.91 ng/ml



#38 AR-1262-3

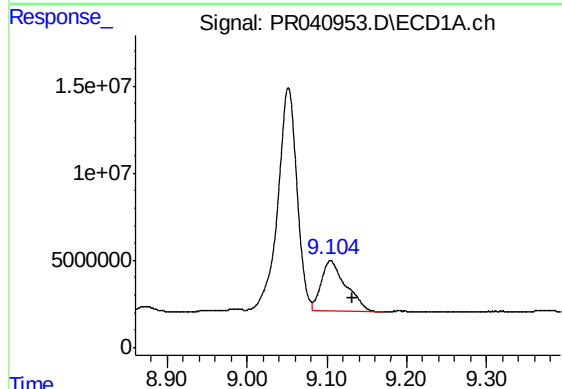
R.T.: 9.052 min
Delta R.T.: 0.017 min
Response: 211153154
Conc: 752.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



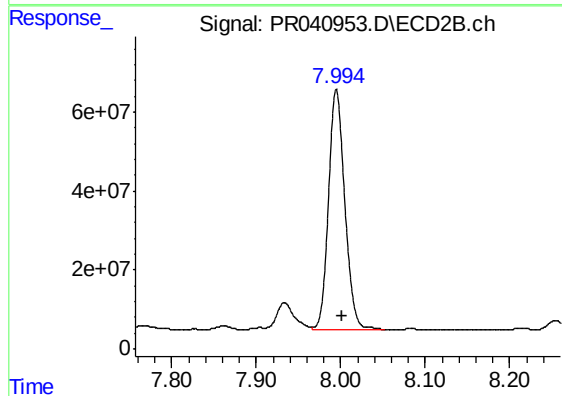
#38 AR-1262-3

R.T.: 7.933 min
Delta R.T.: -0.003 min
Response: 98242654
Conc: 162.69 ng/ml



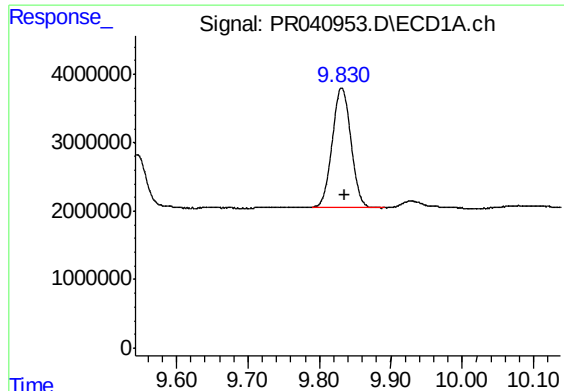
#39 AR-1262-4

R.T.: 9.104 min
Delta R.T.: -0.028 min
Response: 61483238
Conc: 302.57 ng/ml



#39 AR-1262-4

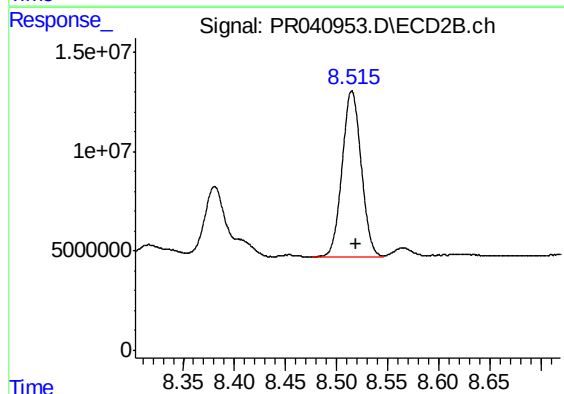
R.T.: 7.995 min
Delta R.T.: -0.007 min
Response: 809854197
Conc: 726.25 ng/ml



#40 AR-1262-5

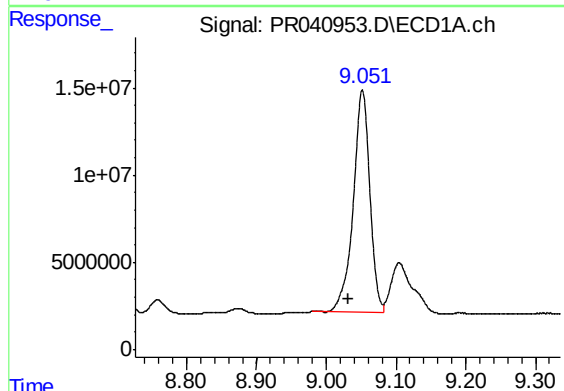
R.T.: 9.831 min
Delta R.T.: -0.004 min
Response: 31733788
Conc: 218.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



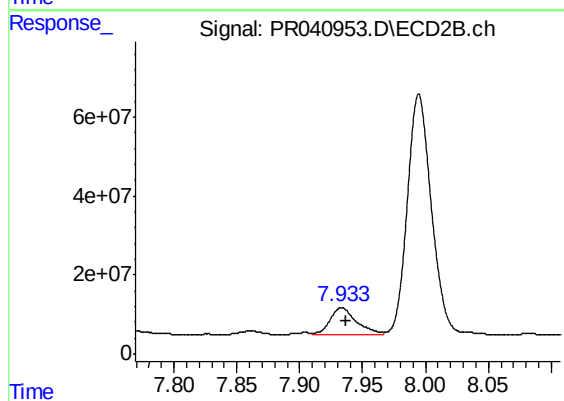
#40 AR-1262-5

R.T.: 8.515 min
Delta R.T.: -0.005 min
Response: 108205957
Conc: 207.07 ng/ml



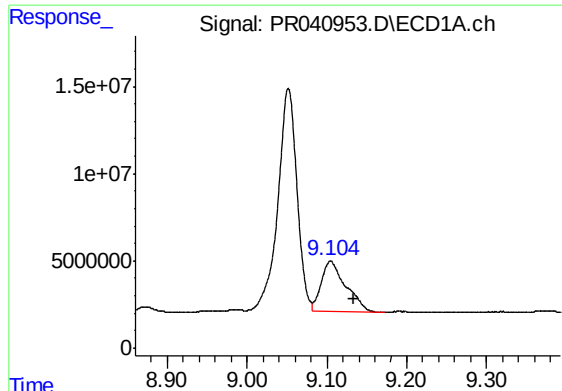
#41 AR-1268-1

R.T.: 9.052 min
Delta R.T.: 0.020 min
Response: 211153154
Conc: 473.58 ng/ml



#41 AR-1268-1

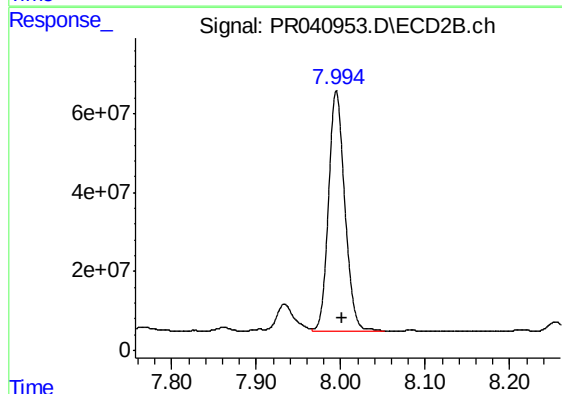
R.T.: 7.933 min
Delta R.T.: -0.004 min
Response: 98242654
Conc: 61.27 ng/ml



#42 AR-1268-2

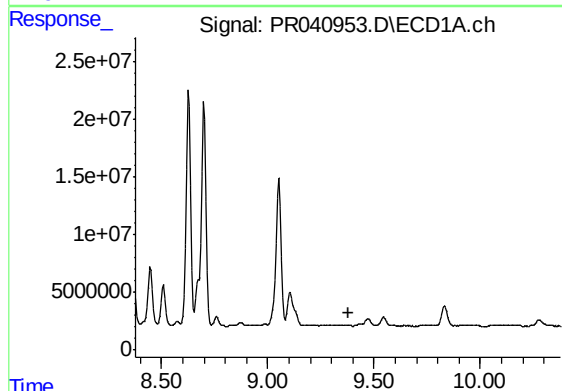
R.T.: 9.104 min
Delta R.T.: -0.029 min
Response: 61483238
Conc: 150.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



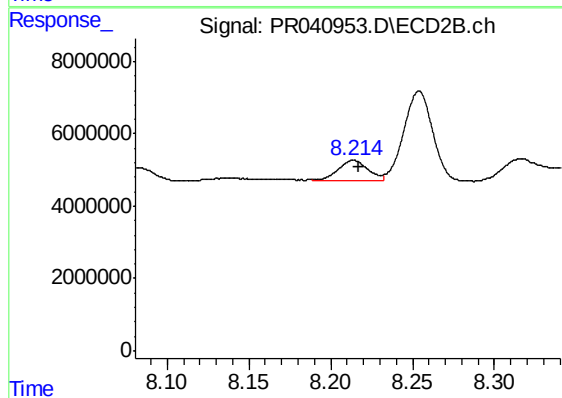
#42 AR-1268-2

R.T.: 7.995 min
Delta R.T.: -0.006 min
Response: 809854197
Conc: 541.90 ng/ml



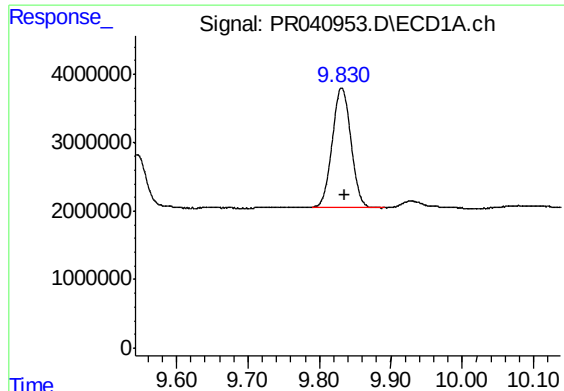
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.378 min
Response: 0
Conc: N.D.



#43 AR-1268-3

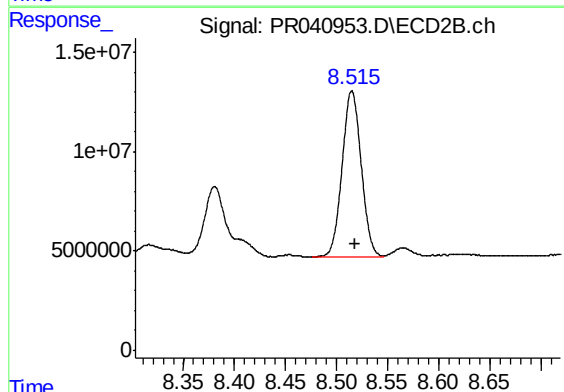
R.T.: 8.214 min
Delta R.T.: -0.003 min
Response: 6938131
Conc: 5.55 ng/ml



#44 AR-1268-4

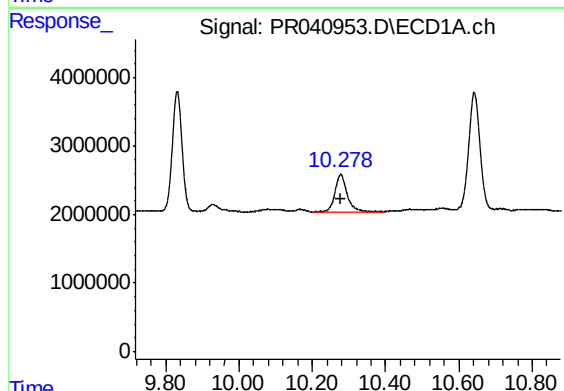
R.T.: 9.831 min
Delta R.T.: -0.004 min
Response: 31733788
Conc: 221.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AS5MS



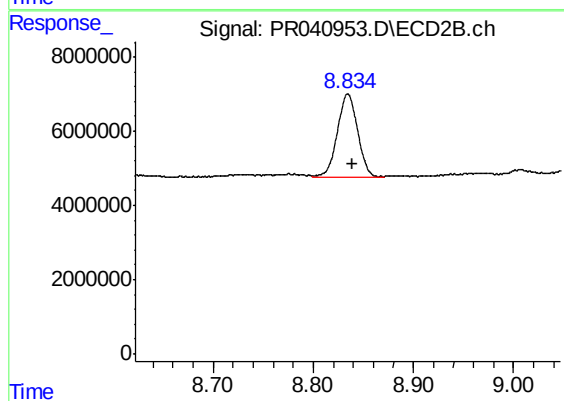
#44 AR-1268-4

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 108205957
Conc: 207.78 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: -0.001 min
Response: 12659316
Conc: 11.16 ng/ml



#45 AR-1268-5

R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 31661066
Conc: 8.58 ng/ml