

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
 Data File : PR042054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2019 07:38
 Operator : SM\AJ
 Sample : K5175-15DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 08:49:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 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...	4.719	3.984	5514048	20833137	1.355	1.362
2)	SA Decachlor...	10.632	9.091	10741589	28029936	3.126	2.827
Target Compounds							
3)	L1 AR-1016-1	5.895	5.080	49259638	172.6E6	343.107	317.586
4)	L1 AR-1016-2	5.920	5.100	57765956	144.3E6	282.479	199.954 #
5)	L1 AR-1016-3	5.986	5.282	27211236	107.5E6	223.825	294.815 #
6)	L1 AR-1016-4	6.079	5.319	37423373	551.8E6	367.975	1988.416 #
7)	L1 AR-1016-5	6.374	5.535	174.7E6	430.8E6	1754.037	1393.365
9)	L2 AR-1221-2	5.016	4.284	2084191	5743070	71.835	46.731 #
10)	L2 AR-1221-3	5.093	4.362	1987104	4539984	20.424	11.656 #
11)	L3 AR-1232-1	5.093	4.362	1987104	4539984	23.747	13.324 #
12)	L3 AR-1232-2	5.627	5.100	17506803	144.3E6	406.390	423.820
13)	L3 AR-1232-3	5.920	5.282	57765956	107.5E6	642.449	638.331
14)	L3 AR-1232-4	6.079	5.361	37423373	425.4E6	840.905	2986.326 #
15)	L3 AR-1232-5	6.168	5.535	188.4E6	430.8E6	5733.692	3197.356 #
16)	L4 AR-1242-1	5.895	5.080	49259638	172.6E6	446.696	406.495
17)	L4 AR-1242-2	5.920	5.100	57765956	144.3E6	372.082	253.592 #
18)	L4 AR-1242-3	5.986	5.282	27211236	107.5E6	290.009	372.490 #
19)	L4 AR-1242-4	6.079	5.361	37423373	425.4E6	481.716	1634.019 #
20)	L4 AR-1242-5	6.818	5.889	200.5E6	962.8E6	2290.272	3629.112 #
21)	L5 AR-1248-1	5.895	5.080	49259638	172.6E6	591.975	529.663
22)	L5 AR-1248-2	6.168	5.319	188.4E6	551.8E6	1641.429	1481.472
23)	L5 AR-1248-3	6.374	5.361	174.7E6	425.4E6	1347.022	1136.382
24)	L5 AR-1248-4	6.778	5.535	181.4E6	430.8E6	1181.958	1081.778
25)	L5 AR-1248-5	6.818	5.930	200.5E6	366.2E6	1384.515	1048.366
26)	L6 AR-1254-1	6.752	5.889	308.8E6	962.8E6	1890.844	1817.475
27)	L6 AR-1254-2	6.970	6.036	474.7E6	777.3E6	1913.237	1550.364
28)	L6 AR-1254-3	7.338	6.443	489.8E6	1753.9E6	1815.097	1859.011
29)	L6 AR-1254-4	7.623	6.670	383.1E6	1310.4E6	1887.498	1979.270
30)	L6 AR-1254-5	8.042	7.090	442.0E6	1362.1E6	2078.724	1586.292
31)	L7 AR-1260-1	7.500	6.573	183.8E6	820.5E6	970.344	1384.260 #
32)	L7 AR-1260-2	7.755	6.759	238.5E6	840.7E6	1008.956	1031.218
33)	L7 AR-1260-3	8.114	6.915	75151991	714.8E6	400.324	1033.969 #
34)	L7 AR-1260-4	8.347	7.388	178.0E6	214.9E6	885.715	370.273 #
35)	L7 AR-1260-5	8.692	7.626	148.0E6	812.2E6	341.790	499.555 #
36)	L8 AR-1262-1	8.176	7.090	31944566	1362.1E6	339.364	3125.556 #
37)	L8 AR-1262-2	8.692	7.626	148.0E6	812.2E6	343.017	471.801 #
38)	L8 AR-1262-3	9.045	7.913	95644779	111.7E6	343.128	171.088 #
39)	L8 AR-1262-4	9.101	7.977	51278760	374.4E6	250.300	320.422 #
40)	L8 AR-1262-5	9.824	8.493	26187882	99263596	181.546	185.571
41)	L9 AR-1268-1	9.045	7.913	95644779	111.7E6	174.139	50.932 #
42)	L9 AR-1268-2	9.101	7.977	51278760	374.4E6	103.140	188.173 #

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Instrument :
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation

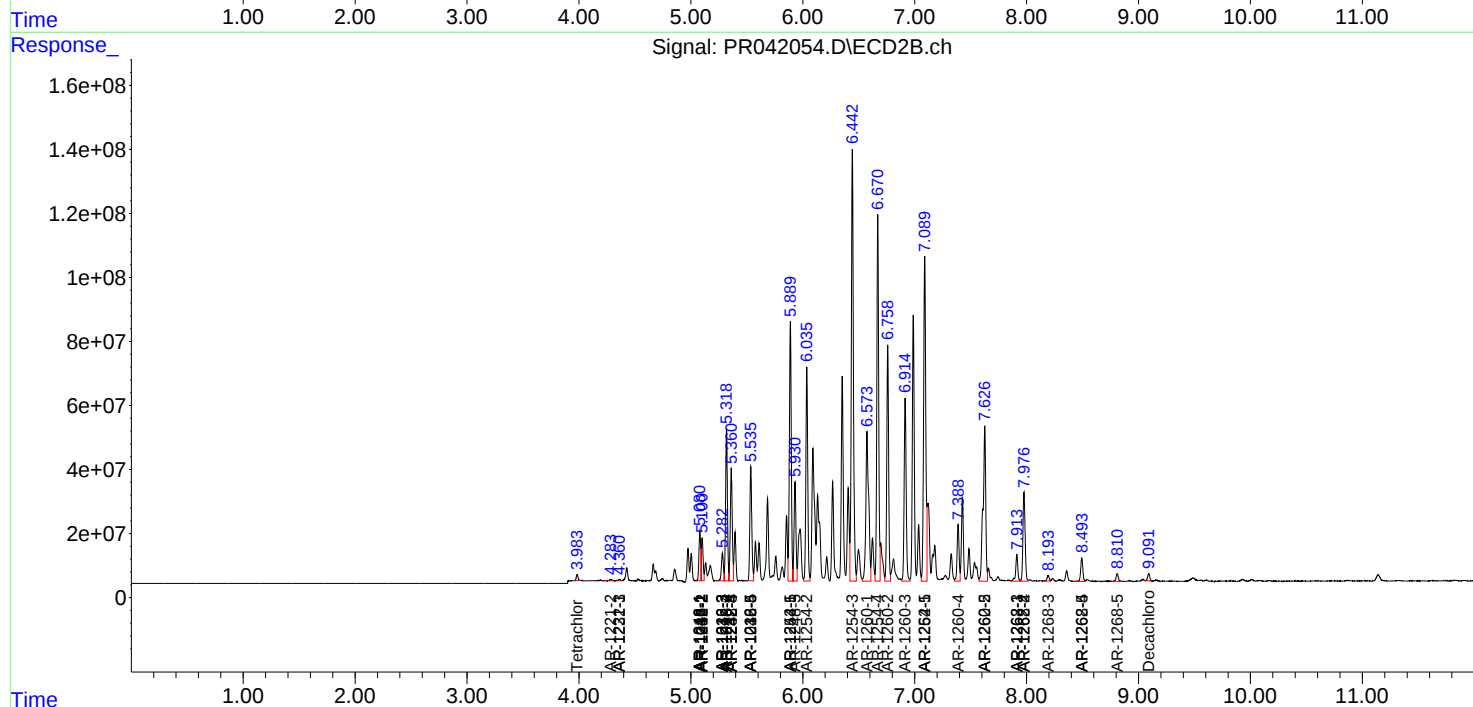
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

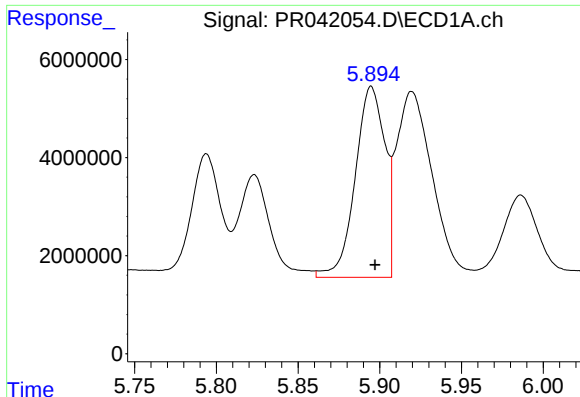
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.367	8.193	2686770	23369330	6.587	13.945 #
44) L9	AR-1268-4	9.824	8.493	26187882	99263596	149.263	153.813
45) L9	AR-1268-5	10.268	8.810	9790493	32152325	7.513	7.006

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

Instrument :
ECD_R
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

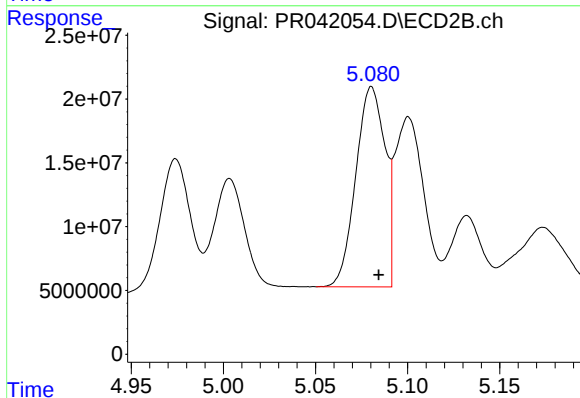




#3 AR-1016-1

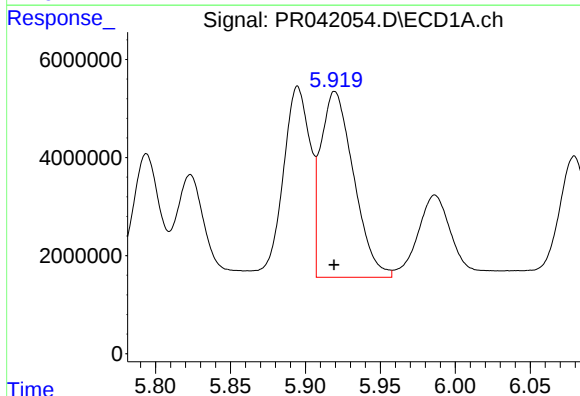
R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 49259638
Conc: 343.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



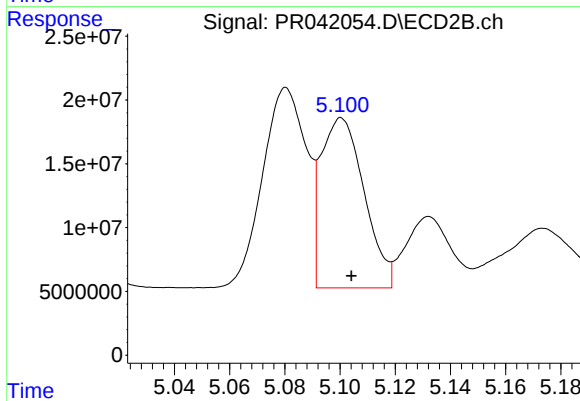
#3 AR-1016-1

R.T.: 5.080 min
Delta R.T.: -0.004 min
Response: 172638151
Conc: 317.59 ng/ml



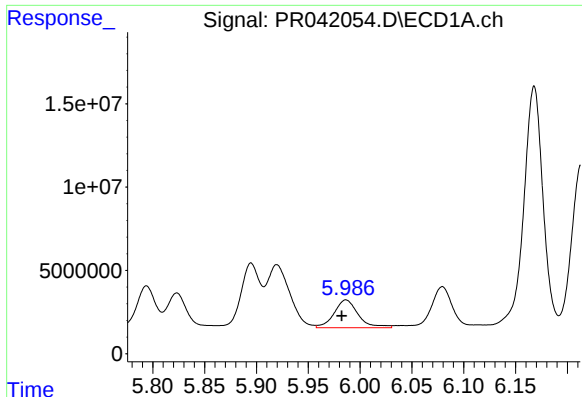
#4 AR-1016-2

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 57765956
Conc: 282.48 ng/ml



#4 AR-1016-2

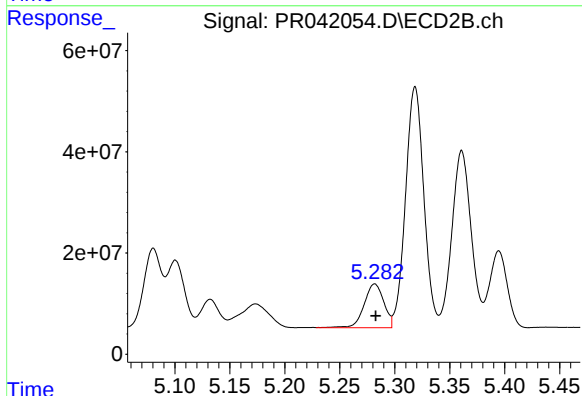
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 144321533
Conc: 199.95 ng/ml



#5 AR-1016-3

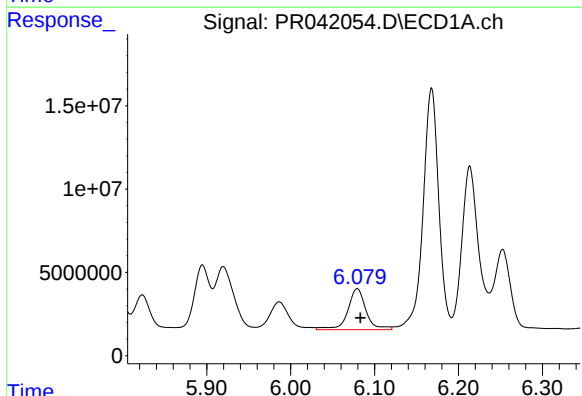
R.T.: 5.986 min
Delta R.T.: 0.004 min
Response: 27211236
Conc: 223.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



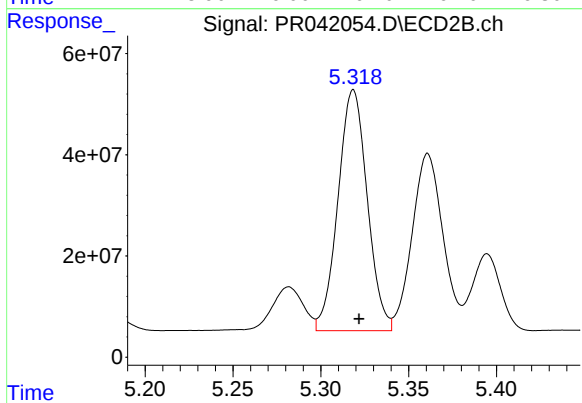
#5 AR-1016-3

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 107503203
Conc: 294.81 ng/ml



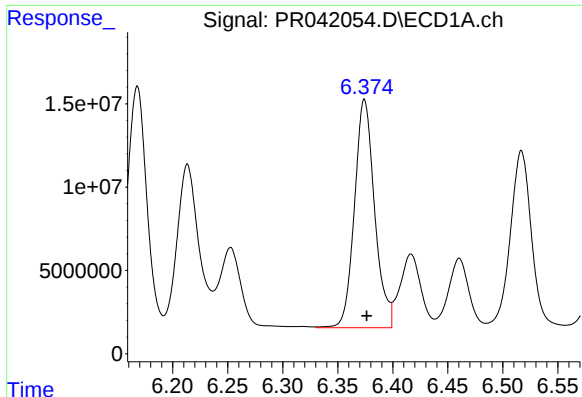
#6 AR-1016-4

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 37423373
Conc: 367.97 ng/ml



#6 AR-1016-4

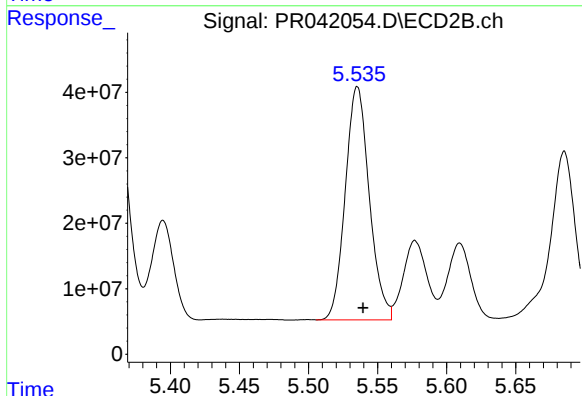
R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 551805445
Conc: 1988.42 ng/ml



#7 AR-1016-5

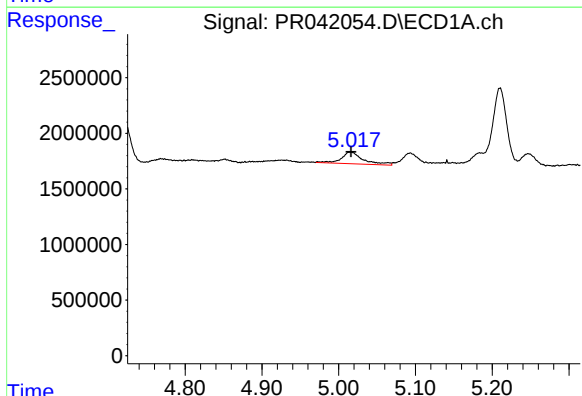
R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 174651007
Conc: 1754.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



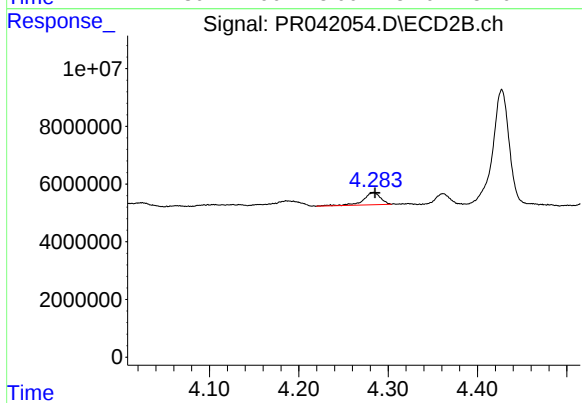
#7 AR-1016-5

R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 430846603
Conc: 1393.36 ng/ml



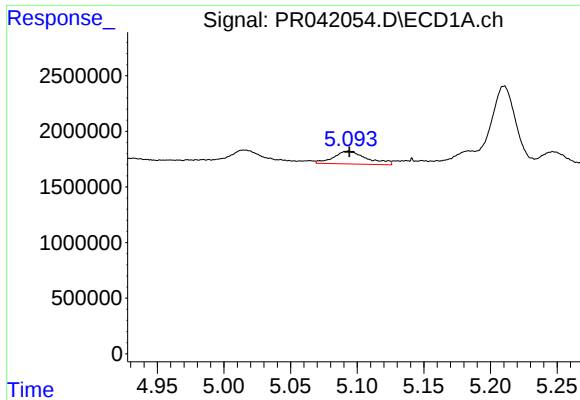
#9 AR-1221-2

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 2084191
Conc: 71.84 ng/ml



#9 AR-1221-2

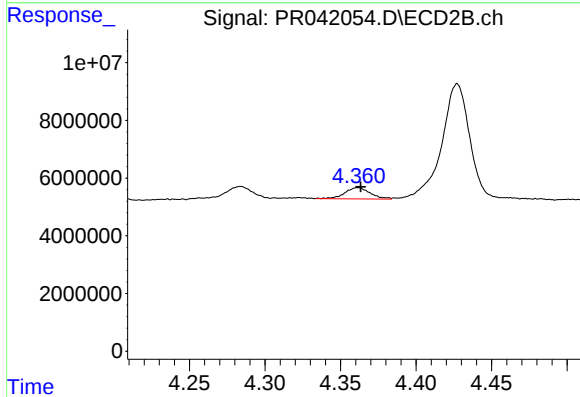
R.T.: 4.284 min
Delta R.T.: -0.002 min
Response: 5743070
Conc: 46.73 ng/ml



#10 AR-1221-3

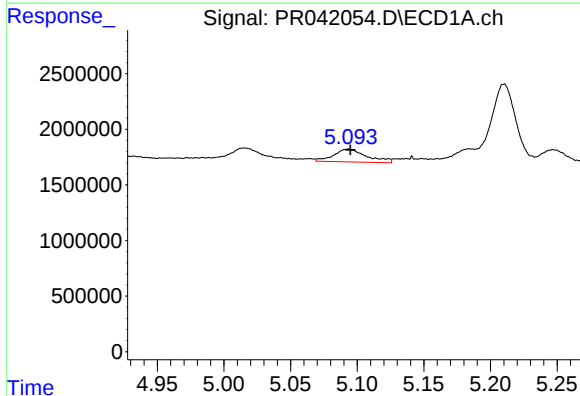
R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 1987104
Conc: 20.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



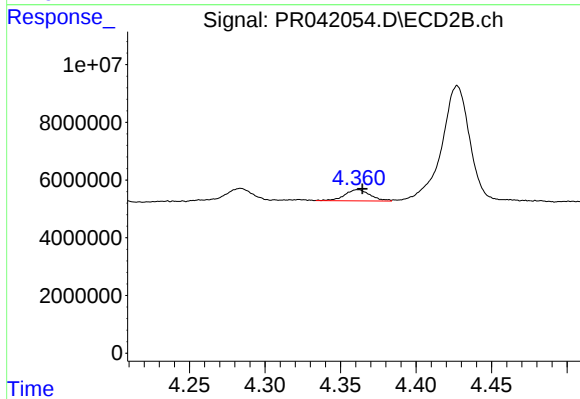
#10 AR-1221-3

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 4539984
Conc: 11.66 ng/ml



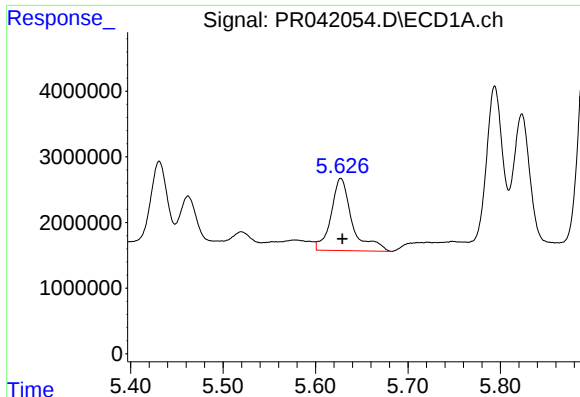
#11 AR-1232-1

R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 1987104
Conc: 23.75 ng/ml



#11 AR-1232-1

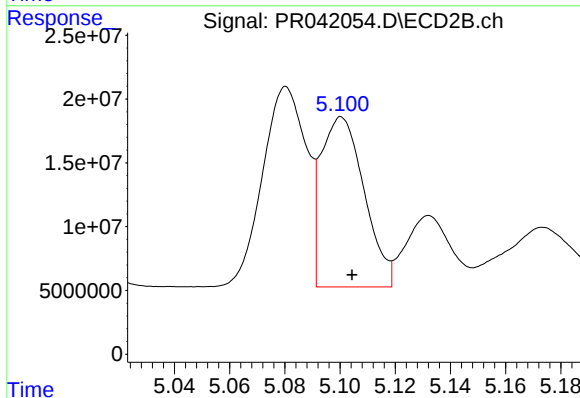
R.T.: 4.362 min
Delta R.T.: -0.003 min
Response: 4539984
Conc: 13.32 ng/ml



#12 AR-1232-2

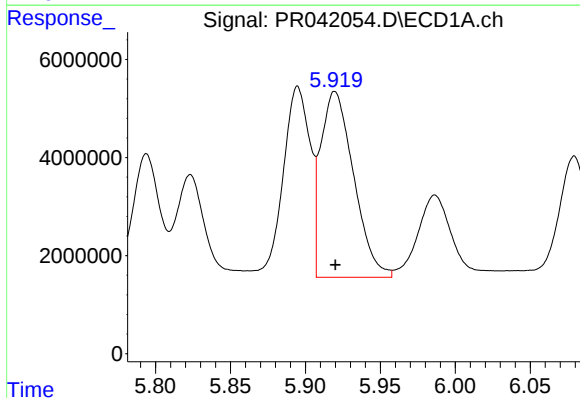
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 17506803
Conc: 406.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



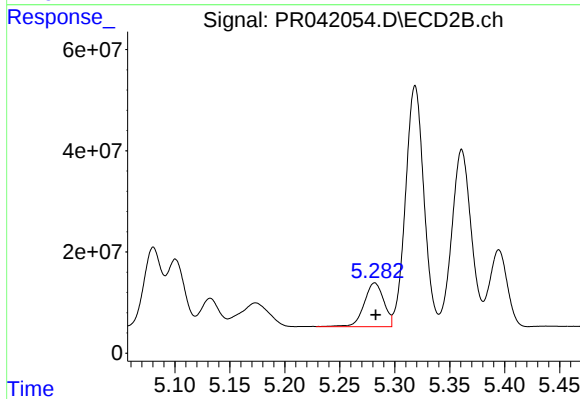
#12 AR-1232-2

R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 144321533
Conc: 423.82 ng/ml



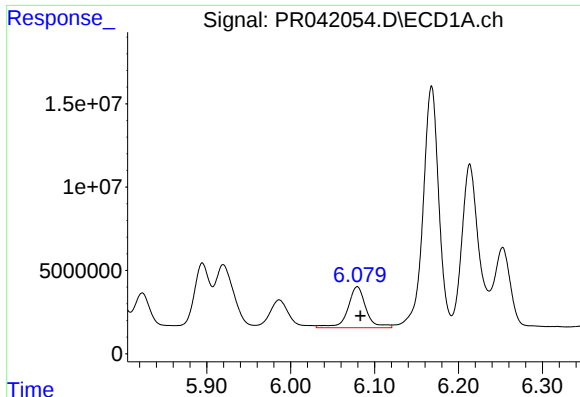
#13 AR-1232-3

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 57765956
Conc: 642.45 ng/ml



#13 AR-1232-3

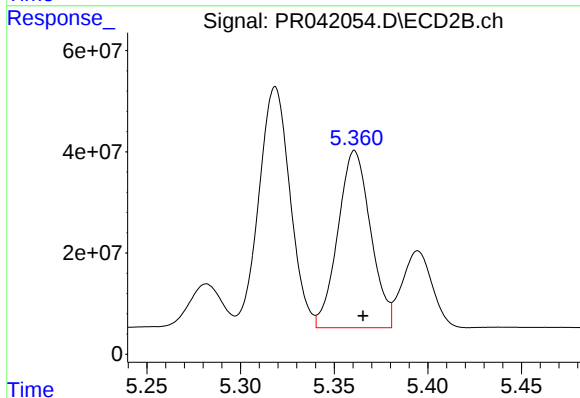
R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 107503203
Conc: 638.33 ng/ml



#14 AR-1232-4

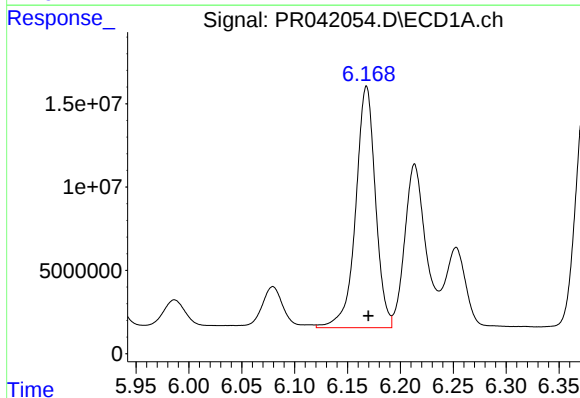
R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 37423373
Conc: 840.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



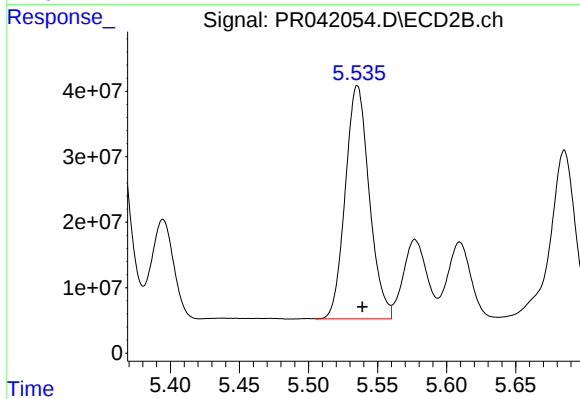
#14 AR-1232-4

R.T.: 5.361 min
Delta R.T.: -0.005 min
Response: 425369144
Conc: 2986.33 ng/ml



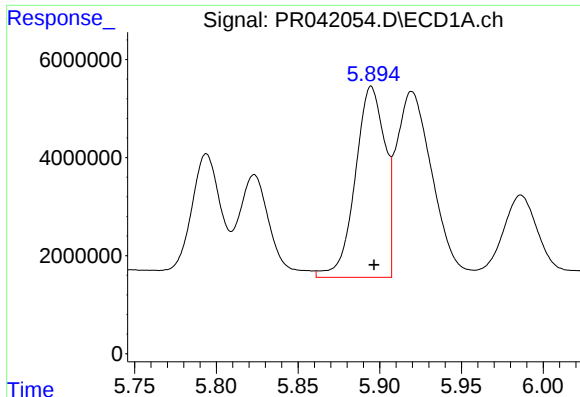
#15 AR-1232-5

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 188361141
Conc: 5733.69 ng/ml



#15 AR-1232-5

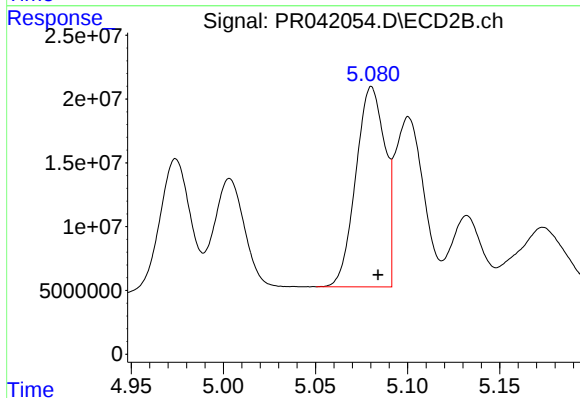
R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 430846603
Conc: 3197.36 ng/ml



#16 AR-1242-1

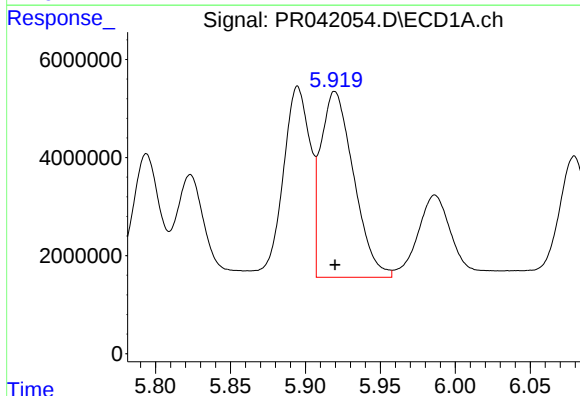
R.T.: 5.895 min
Delta R.T.: -0.001 min
Response: 49259638
Conc: 446.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



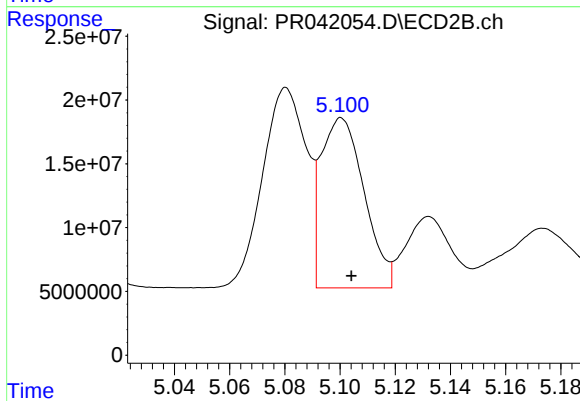
#16 AR-1242-1

R.T.: 5.080 min
Delta R.T.: -0.004 min
Response: 172638151
Conc: 406.49 ng/ml



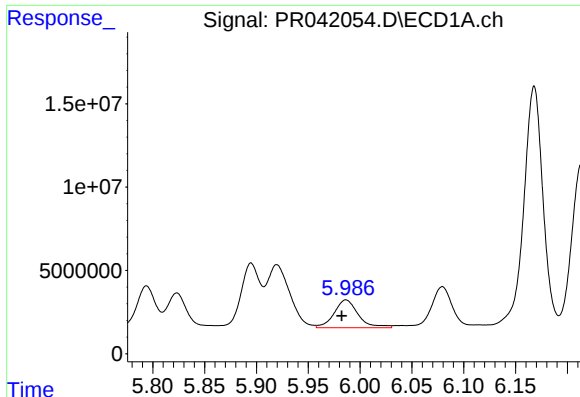
#17 AR-1242-2

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 57765956
Conc: 372.08 ng/ml



#17 AR-1242-2

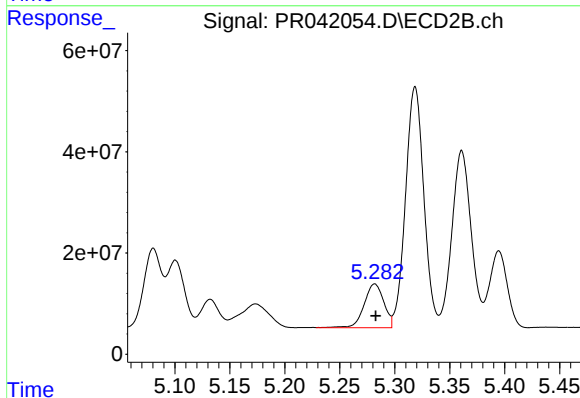
R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 144321533
Conc: 253.59 ng/ml



#18 AR-1242-3

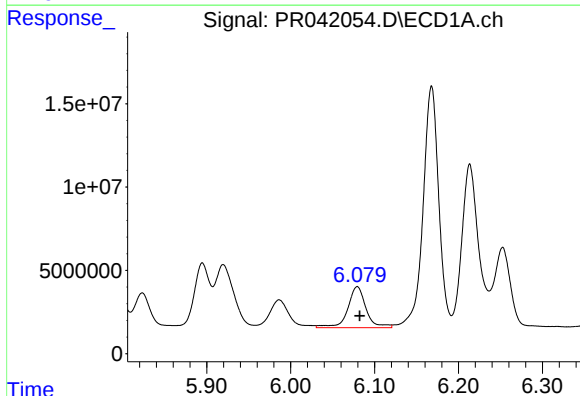
R.T.: 5.986 min
Delta R.T.: 0.004 min
Response: 27211236
Conc: 290.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



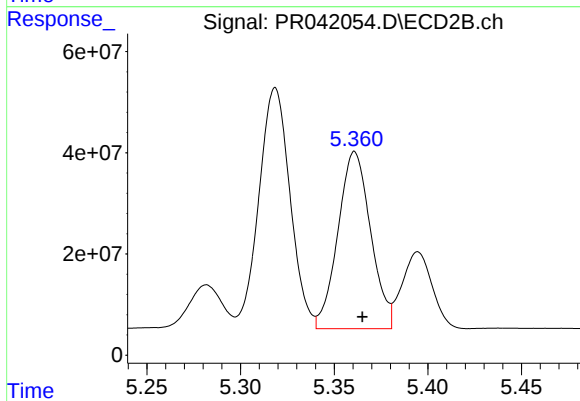
#18 AR-1242-3

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 107503203
Conc: 372.49 ng/ml



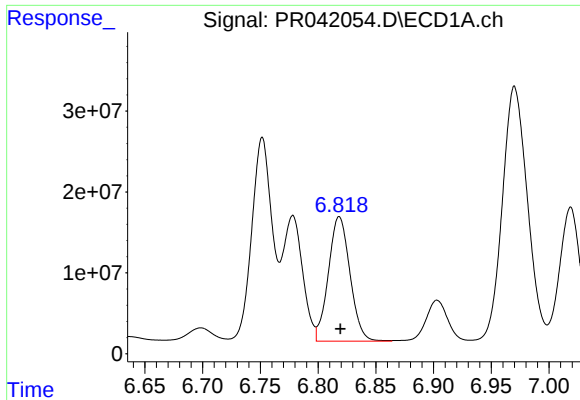
#19 AR-1242-4

R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 37423373
Conc: 481.72 ng/ml



#19 AR-1242-4

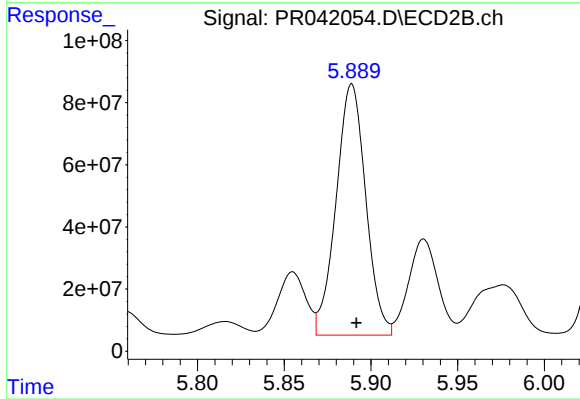
R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 425369144
Conc: 1634.02 ng/ml



#20 AR-1242-5

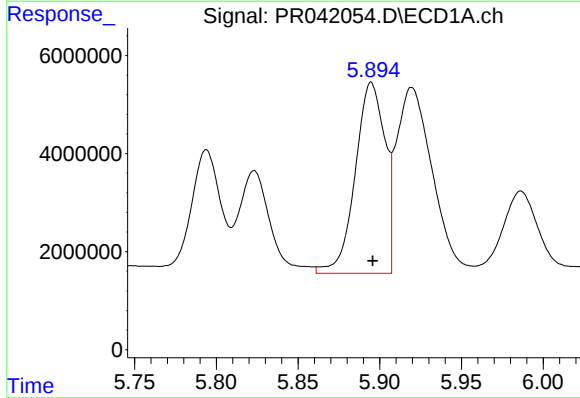
R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 200463206
Conc: 2290.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



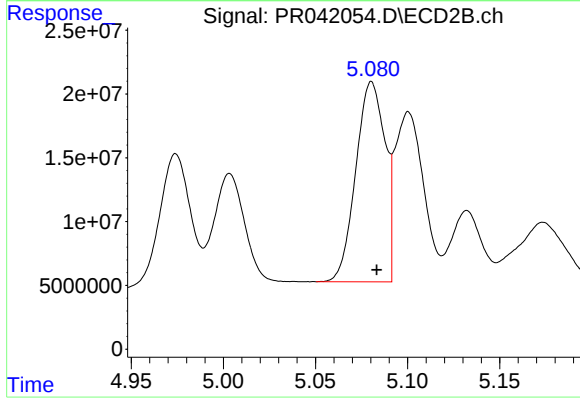
#20 AR-1242-5

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 962780491
Conc: 3629.11 ng/ml



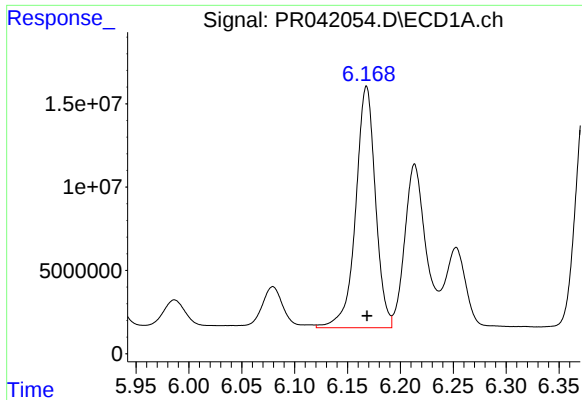
#21 AR-1248-1

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 49259638
Conc: 591.97 ng/ml



#21 AR-1248-1

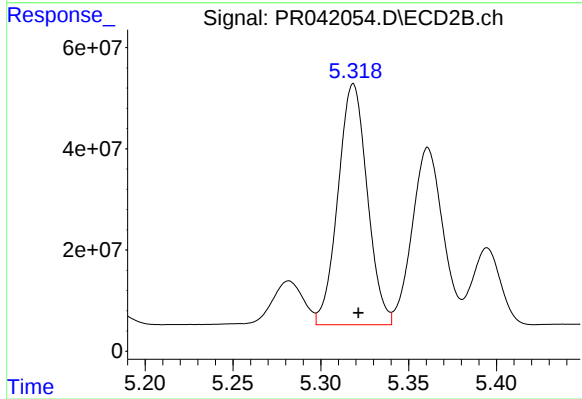
R.T.: 5.080 min
Delta R.T.: -0.003 min
Response: 172638151
Conc: 529.66 ng/ml



#22 AR-1248-2

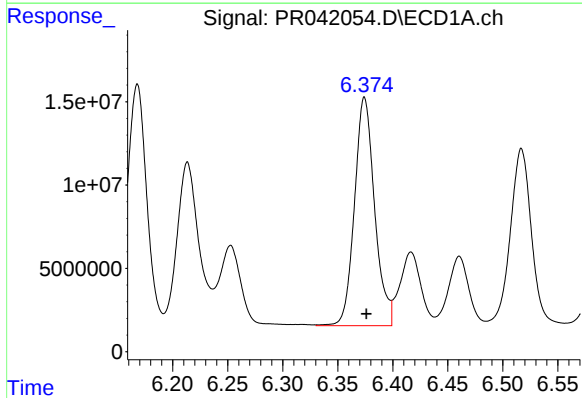
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 188361141
Conc: 1641.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



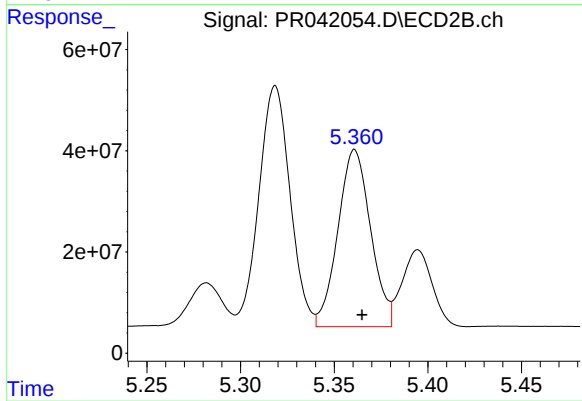
#22 AR-1248-2

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 551805445
Conc: 1481.47 ng/ml



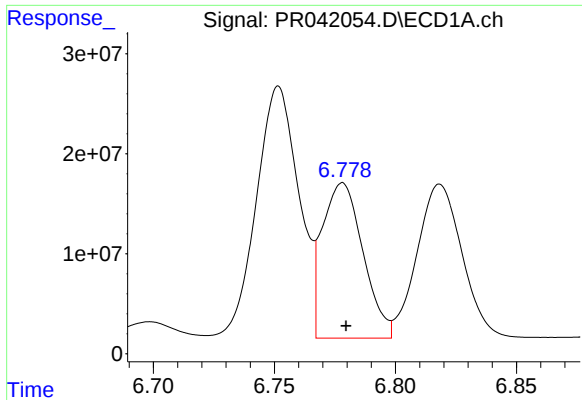
#23 AR-1248-3

R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 174651007
Conc: 1347.02 ng/ml



#23 AR-1248-3

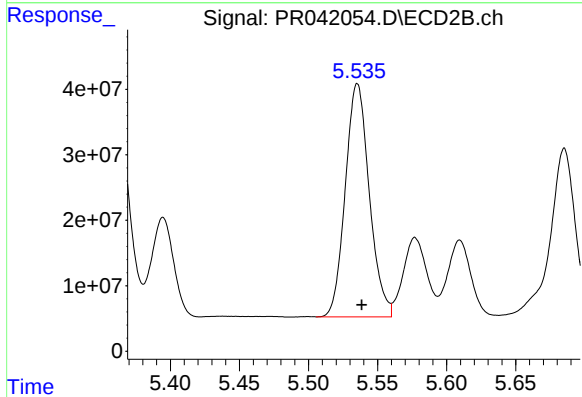
R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 425369144
Conc: 1136.38 ng/ml



#24 AR-1248-4

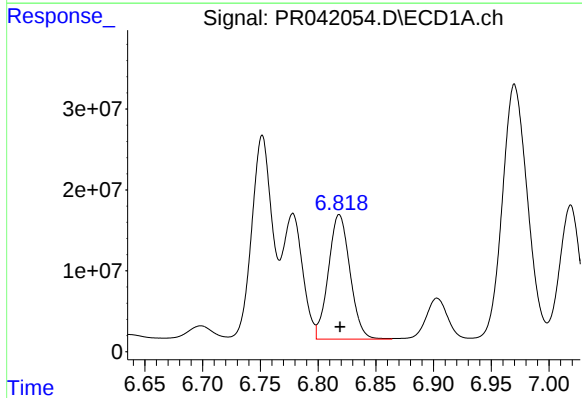
R.T.: 6.778 min
Delta R.T.: -0.002 min
Response: 181367270
Conc: 1181.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



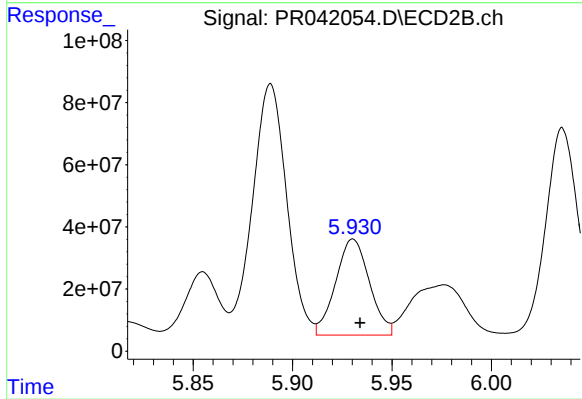
#24 AR-1248-4

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 430846603
Conc: 1081.78 ng/ml



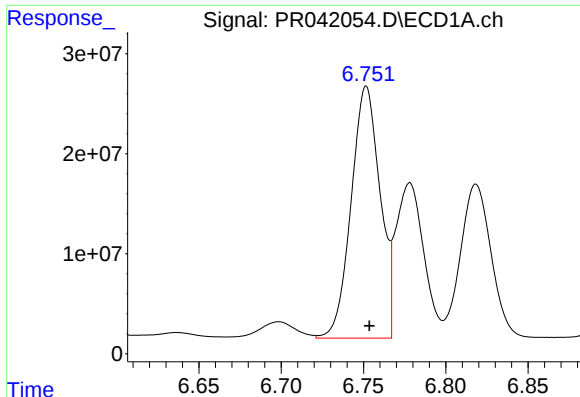
#25 AR-1248-5

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 200463206
Conc: 1384.52 ng/ml



#25 AR-1248-5

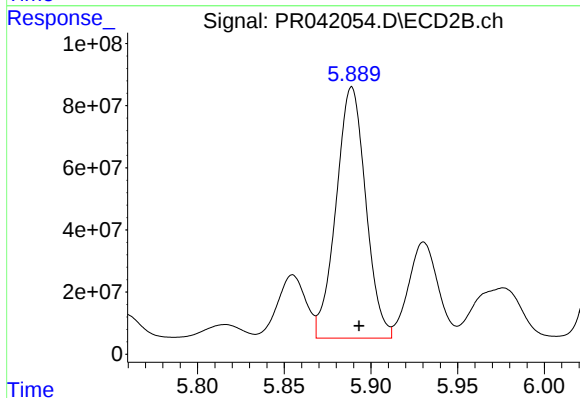
R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 366154957
Conc: 1048.37 ng/ml



#26 AR-1254-1

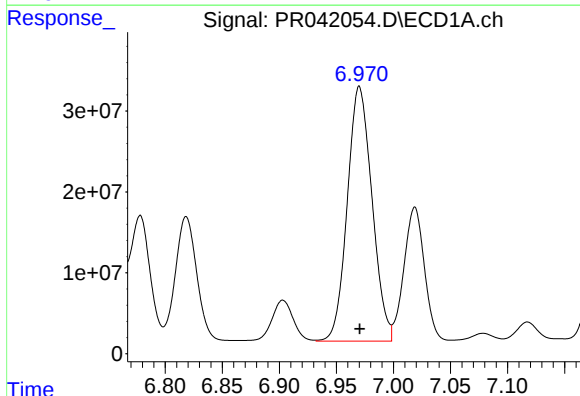
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 308797182
Conc: 1890.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



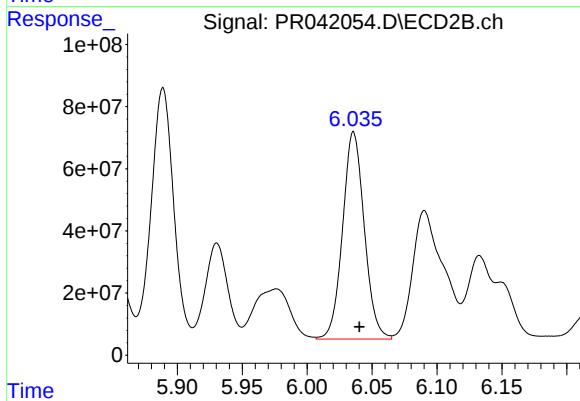
#26 AR-1254-1

R.T.: 5.889 min
Delta R.T.: -0.004 min
Response: 962780491
Conc: 1817.47 ng/ml



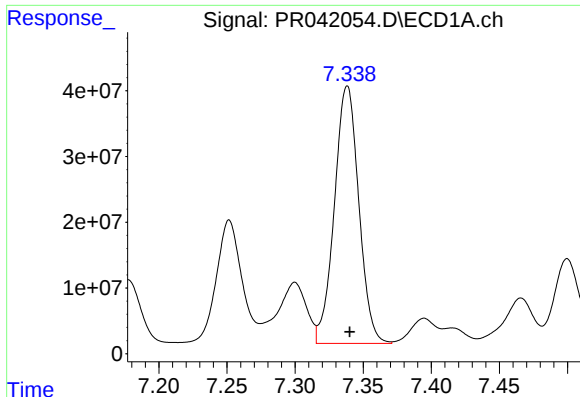
#27 AR-1254-2

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 474673803
Conc: 1913.24 ng/ml



#27 AR-1254-2

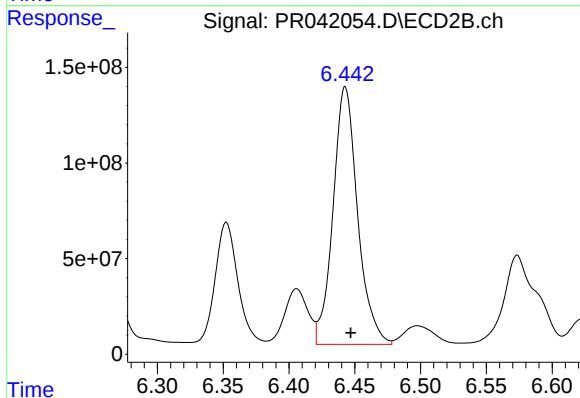
R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 777282012
Conc: 1550.36 ng/ml



#28 AR-1254-3

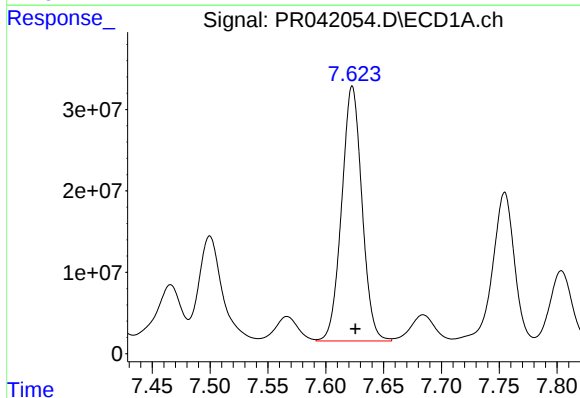
R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 489824832
Conc: 1815.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



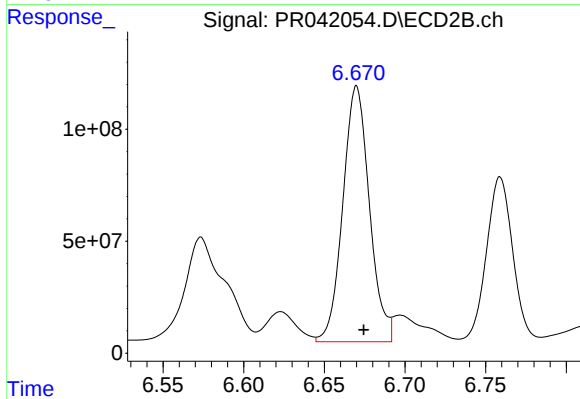
#28 AR-1254-3

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 1753877293
Conc: 1859.01 ng/ml



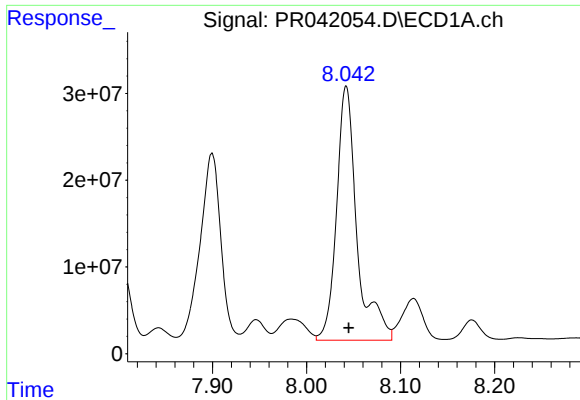
#29 AR-1254-4

R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 383080477
Conc: 1887.50 ng/ml



#29 AR-1254-4

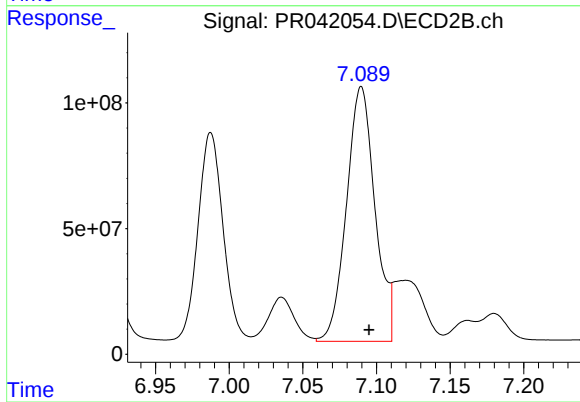
R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 1310433170
Conc: 1979.27 ng/ml



#30 AR-1254-5

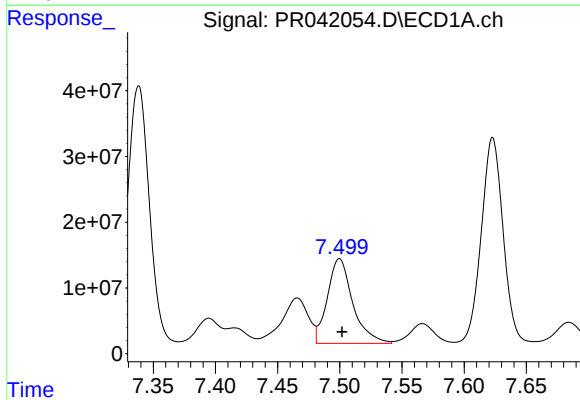
R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 442048076
Conc: 2078.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



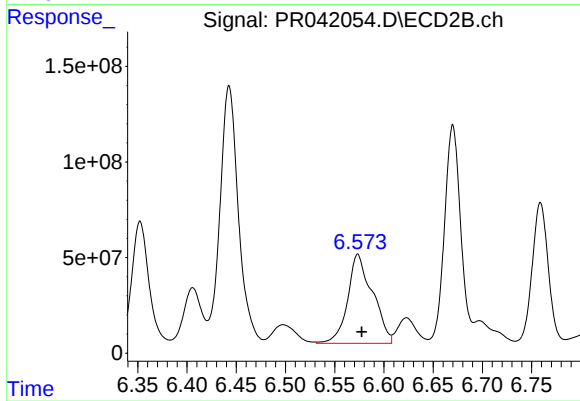
#30 AR-1254-5

R.T.: 7.090 min
Delta R.T.: -0.005 min
Response: 1362060850
Conc: 1586.29 ng/ml



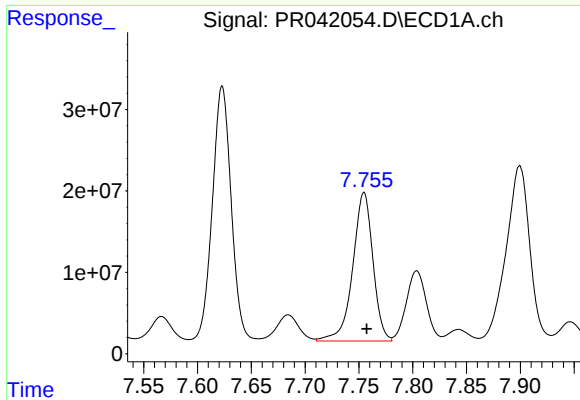
#31 AR-1260-1

R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 183847014
Conc: 970.34 ng/ml



#31 AR-1260-1

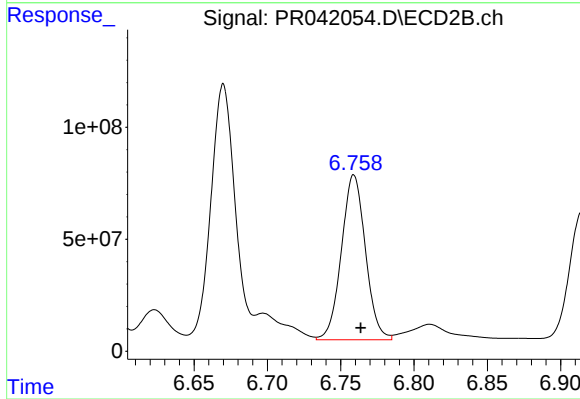
R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 820545539
Conc: 1384.26 ng/ml



#32 AR-1260-2

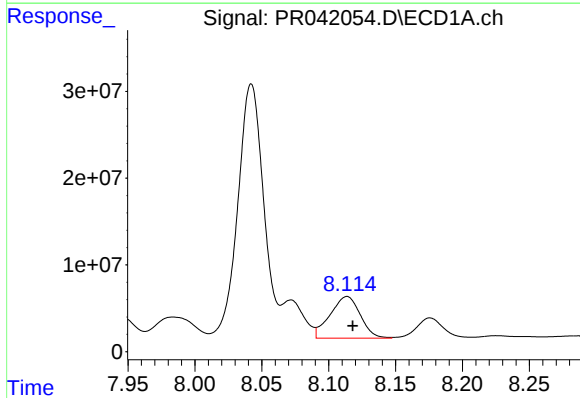
R.T.: 7.755 min
Delta R.T.: -0.003 min
Response: 238478222
Conc: 1008.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



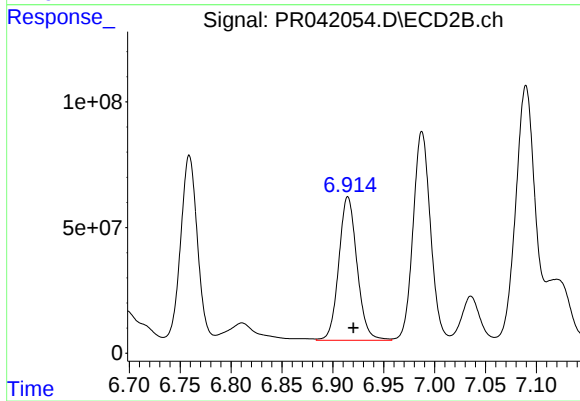
#32 AR-1260-2

R.T.: 6.759 min
Delta R.T.: -0.005 min
Response: 840728909
Conc: 1031.22 ng/ml



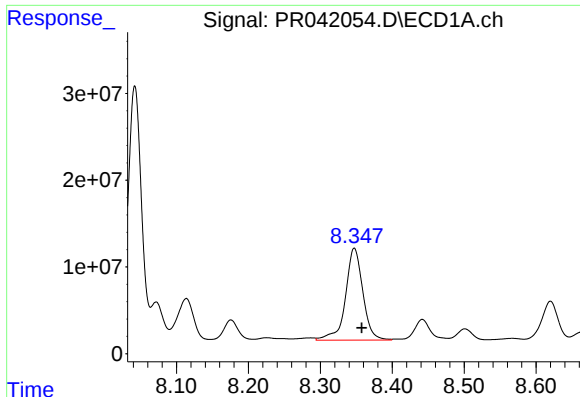
#33 AR-1260-3

R.T.: 8.114 min
Delta R.T.: -0.004 min
Response: 75151991
Conc: 400.32 ng/ml



#33 AR-1260-3

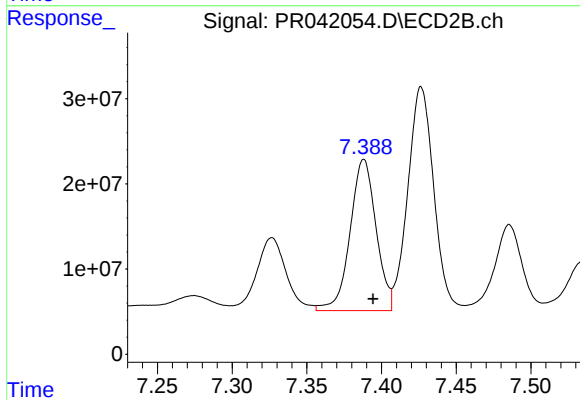
R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 714792654
Conc: 1033.97 ng/ml



#34 AR-1260-4

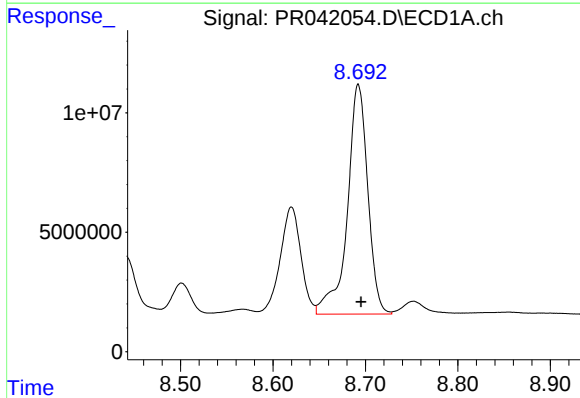
R.T.: 8.347 min
Delta R.T.: -0.010 min
Response: 177999025
Conc: 885.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



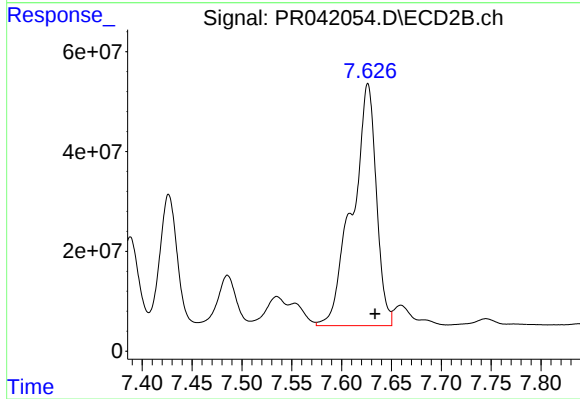
#34 AR-1260-4

R.T.: 7.388 min
Delta R.T.: -0.006 min
Response: 214867063
Conc: 370.27 ng/ml



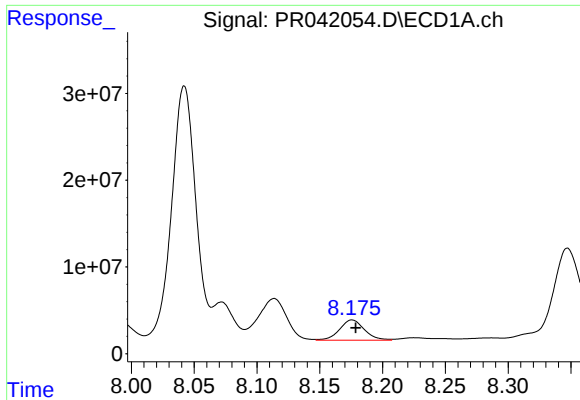
#35 AR-1260-5

R.T.: 8.692 min
Delta R.T.: -0.003 min
Response: 147956256
Conc: 341.79 ng/ml



#35 AR-1260-5

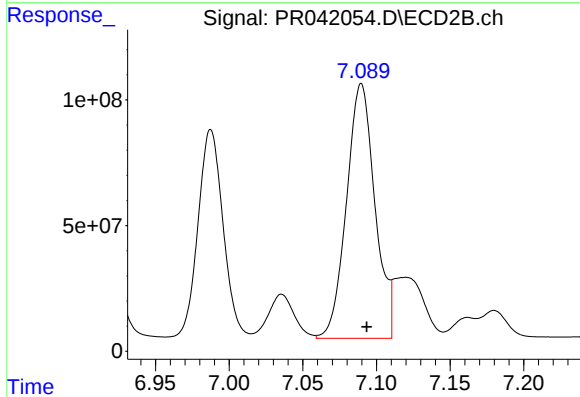
R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 812206962
Conc: 499.56 ng/ml



#36 AR-1262-1

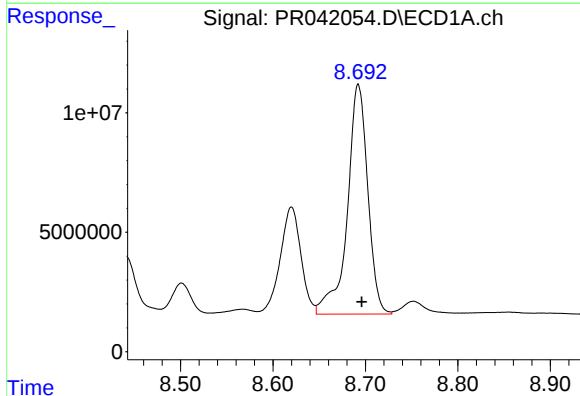
R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 31944566
Conc: 339.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



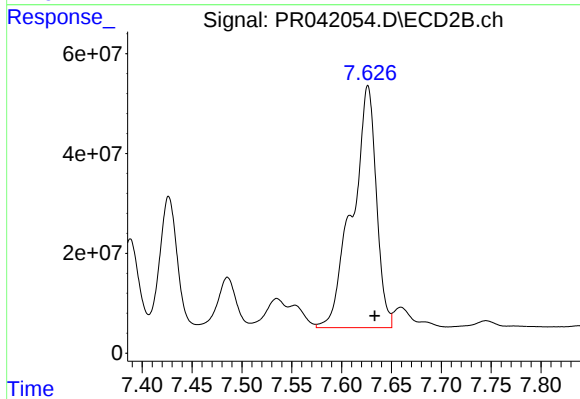
#36 AR-1262-1

R.T.: 7.090 min
Delta R.T.: -0.004 min
Response: 1362060850
Conc: 3125.56 ng/ml



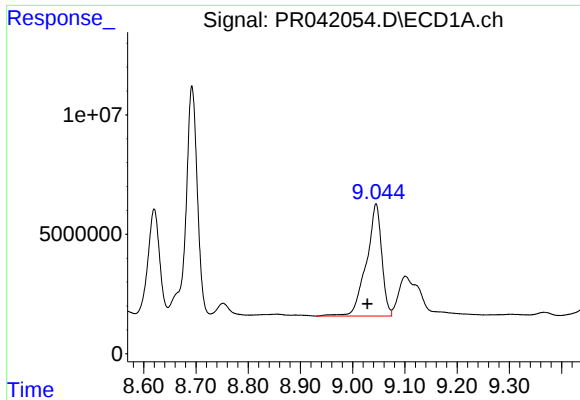
#37 AR-1262-2

R.T.: 8.692 min
Delta R.T.: -0.004 min
Response: 147956256
Conc: 343.02 ng/ml



#37 AR-1262-2

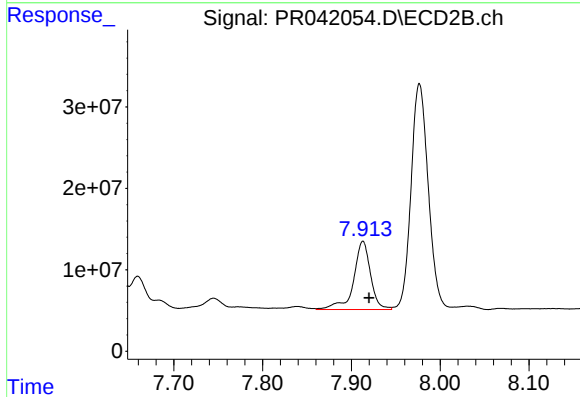
R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 812206962
Conc: 471.80 ng/ml



#38 AR-1262-3

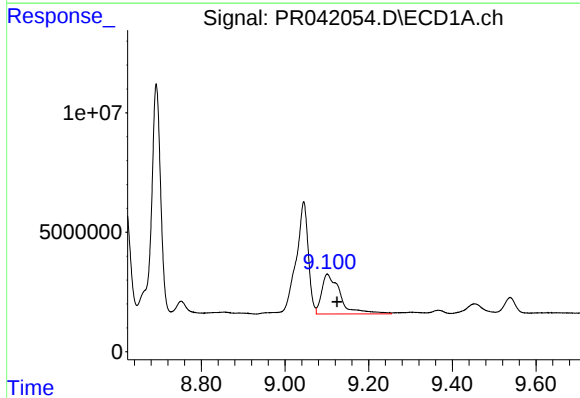
R.T.: 9.045 min
Delta R.T.: 0.017 min
Response: 95644779
Conc: 343.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



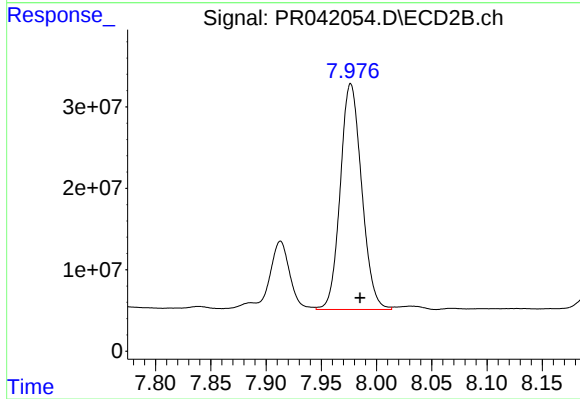
#38 AR-1262-3

R.T.: 7.913 min
Delta R.T.: -0.007 min
Response: 111673303
Conc: 171.09 ng/ml



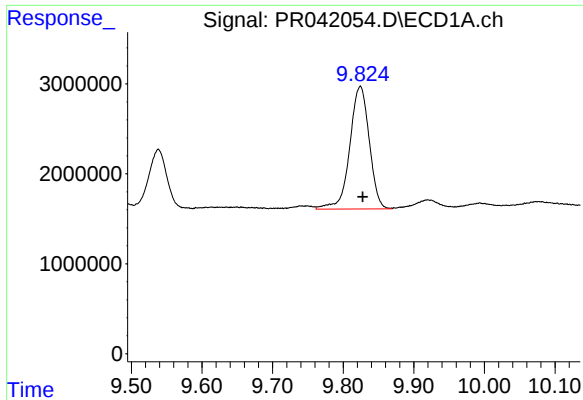
#39 AR-1262-4

R.T.: 9.101 min
Delta R.T.: -0.023 min
Response: 51278760
Conc: 250.30 ng/ml



#39 AR-1262-4

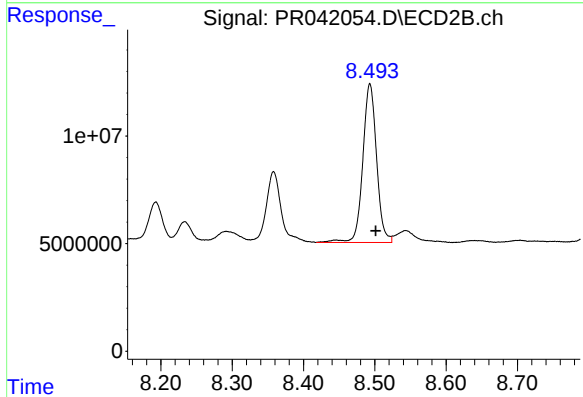
R.T.: 7.977 min
Delta R.T.: -0.008 min
Response: 374433895
Conc: 320.42 ng/ml



#40 AR-1262-5

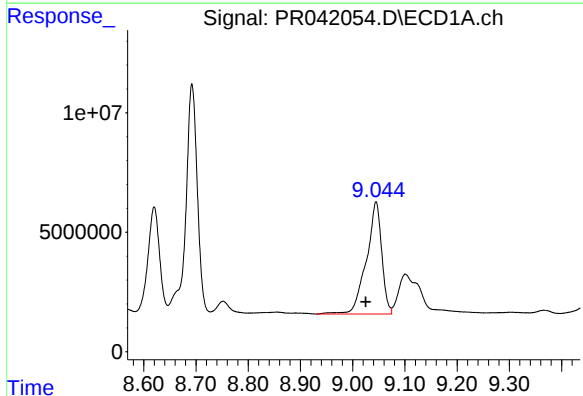
R.T.: 9.824 min
Delta R.T.: -0.004 min
Response: 26187882
Conc: 181.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



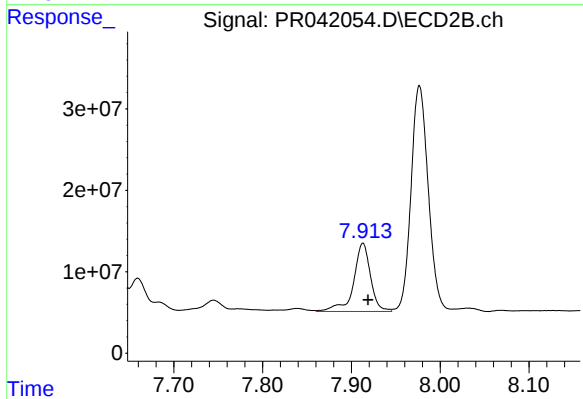
#40 AR-1262-5

R.T.: 8.493 min
Delta R.T.: -0.008 min
Response: 99263596
Conc: 185.57 ng/ml



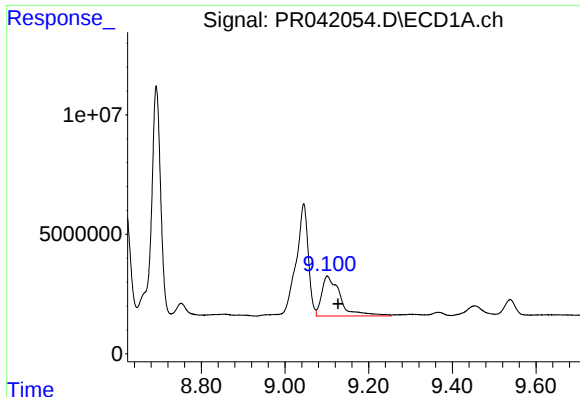
#41 AR-1268-1

R.T.: 9.045 min
Delta R.T.: 0.019 min
Response: 95644779
Conc: 174.14 ng/ml



#41 AR-1268-1

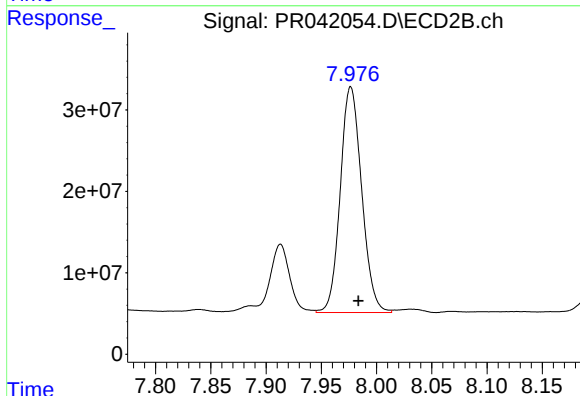
R.T.: 7.913 min
Delta R.T.: -0.006 min
Response: 111673303
Conc: 50.93 ng/ml



#42 AR-1268-2

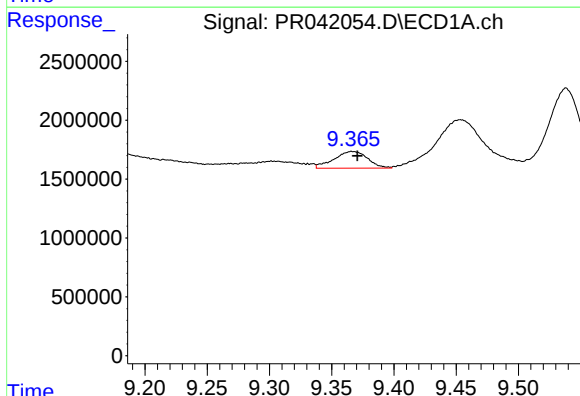
R.T.: 9.101 min
Delta R.T.: -0.026 min
Response: 51278760
Conc: 103.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



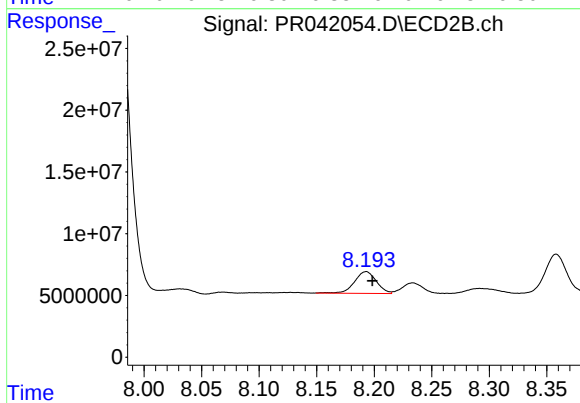
#42 AR-1268-2

R.T.: 7.977 min
Delta R.T.: -0.007 min
Response: 374433895
Conc: 188.17 ng/ml



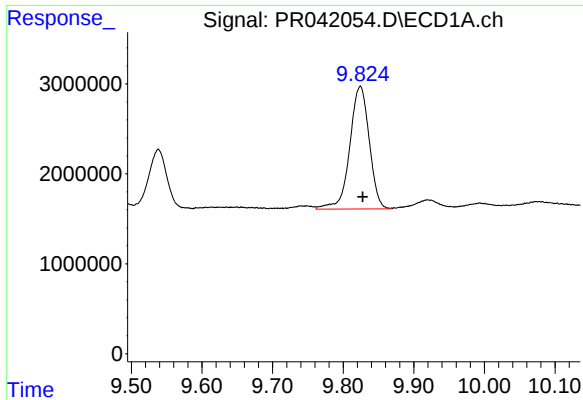
#43 AR-1268-3

R.T.: 9.367 min
Delta R.T.: -0.004 min
Response: 2686770
Conc: 6.59 ng/ml



#43 AR-1268-3

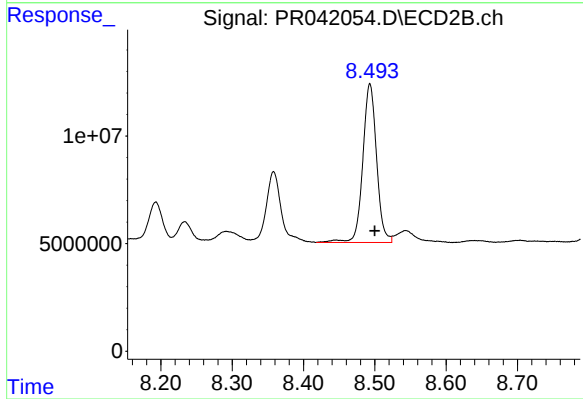
R.T.: 8.193 min
Delta R.T.: -0.005 min
Response: 23369330
Conc: 13.94 ng/ml



#44 AR-1268-4

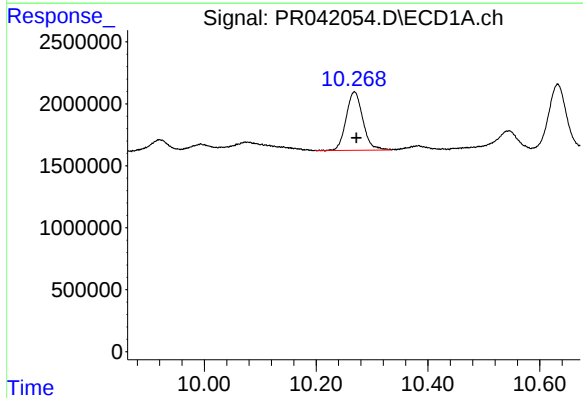
R.T.: 9.824 min
Delta R.T.: -0.004 min
Response: 26187882
Conc: 149.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



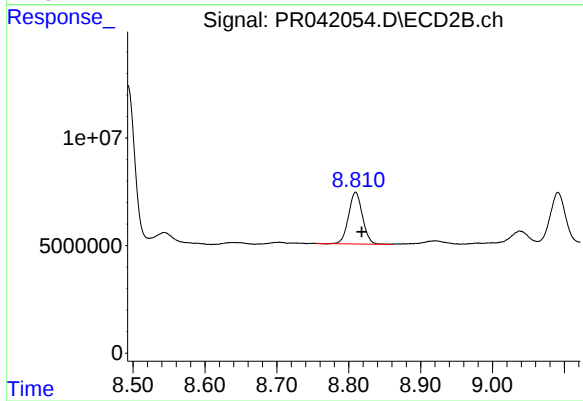
#44 AR-1268-4

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 99263596
Conc: 153.81 ng/ml



#45 AR-1268-5

R.T.: 10.268 min
Delta R.T.: -0.004 min
Response: 9790493
Conc: 7.51 ng/ml



#45 AR-1268-5

R.T.: 8.810 min
Delta R.T.: -0.009 min
Response: 32152325
Conc: 7.01 ng/ml