

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100419\
 Data File : PR041853.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2019 20:04
 Operator : SM\AJ
 Sample : K5057-13MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 DBAK2MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:27:17 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...	4.721	3.987	29274109	110.4E6	7.196	7.218
2)	SA Decachlor...	10.634	9.097	46531655	145.4E6	13.542	14.662
Target Compounds							
3)	L1 AR-1016-1	5.897	5.083	25581330	93972018	178.181	172.871
4)	L1 AR-1016-2	5.920	5.104	35419156	129.4E6	173.202	179.247
5)	L1 AR-1016-3	5.983	5.282	21619609	65797639	177.831	180.442
6)	L1 AR-1016-4	6.083	5.321	18331031	47449015	180.244	170.981
7)	L1 AR-1016-5	6.377	5.538	18303222	54335367	183.821	175.721
8)	L2 AR-1221-1	4.924	4.197	2639261	10416728	64.285	61.660
9)	L2 AR-1221-2	5.017	4.287	2727291	16480541	94.001	134.100 #
10)	L2 AR-1221-3	5.096	4.364	11897775	51935580	122.289	133.340
11)	L3 AR-1232-1	5.096	4.364	11897775	51935580	142.185	152.424
12)	L3 AR-1232-2	5.630	5.104	17750019	129.4E6	412.036	379.929
13)	L3 AR-1232-3	5.920	5.282	35419156	65797639	393.917	390.693
14)	L3 AR-1232-4	6.083	5.365	18331031	57083526	411.899	400.758
15)	L3 AR-1232-5	6.169	5.538	16347496	54335367	497.616	403.228
16)	L4 AR-1242-1	5.897	5.083	25581330	93972018	231.976	221.267
17)	L4 AR-1242-2	5.920	5.104	35419156	129.4E6	228.142	227.330
18)	L4 AR-1242-3	5.983	5.282	21619609	65797639	230.415	227.984
19)	L4 AR-1242-4	6.083	5.365	18331031	57083526	235.958	219.281
20)	L4 AR-1242-5	6.819	5.893	3700387	34565993	42.277	130.293 #
21)	L5 AR-1248-1	5.897	5.083	25581330	93972018	307.422	288.311
22)	L5 AR-1248-2	6.169	5.321	16347496	47449015	142.456	127.390
23)	L5 AR-1248-3	6.377	5.365	18303222	57083526	141.166	152.500
24)	L5 AR-1248-4	6.779	5.538	2965704	54335367	19.327	136.426 #
25)	L5 AR-1248-5	6.819	5.934	3700387	6939108	25.557	19.868
26)	L6 AR-1254-1	6.754	5.893	15362085	34565993	94.066	65.251 #
27)	L6 AR-1254-2	6.969	6.039	16167804	39854077	65.167	79.493
28)	L6 AR-1254-3	7.340	6.461	9370716	98239847	34.724	104.129 #
29)	L6 AR-1254-4	7.625	6.673	6527659	11167254	32.163	16.867 #
30)	L6 AR-1254-5	8.043	7.092	51554769	159.4E6	242.435	185.596
31)	L7 AR-1260-1	7.502	6.576	34940982	109.0E6	184.418	183.830
32)	L7 AR-1260-2	7.757	6.762	41108634	144.3E6	173.923	177.001
33)	L7 AR-1260-3	8.118	6.919	26240809	125.3E6	139.781	181.231 #
34)	L7 AR-1260-4	8.356	7.392	33321722	89336289	165.807	153.950
35)	L7 AR-1260-5	8.695	7.631	62200762	247.1E6	143.688	152.002
36)	L8 AR-1262-1	8.178	7.092	14159199	159.4E6	150.421	365.689 #
37)	L8 AR-1262-2	8.695	7.631	62200762	247.1E6	144.204	143.557
38)	L8 AR-1262-3	9.047	7.917	40599164	47882406	145.650	73.358 #
39)	L8 AR-1262-4	9.103	7.981	21306720	160.5E6	104.002	137.342 #
40)	L8 AR-1262-5	9.825	8.498	14679837	53436669	101.767	99.899
41)	L9 AR-1268-1	9.047	7.917	40599164	47882406	73.918	21.838 #

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Instrument :
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 DBAK2MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:27:17 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

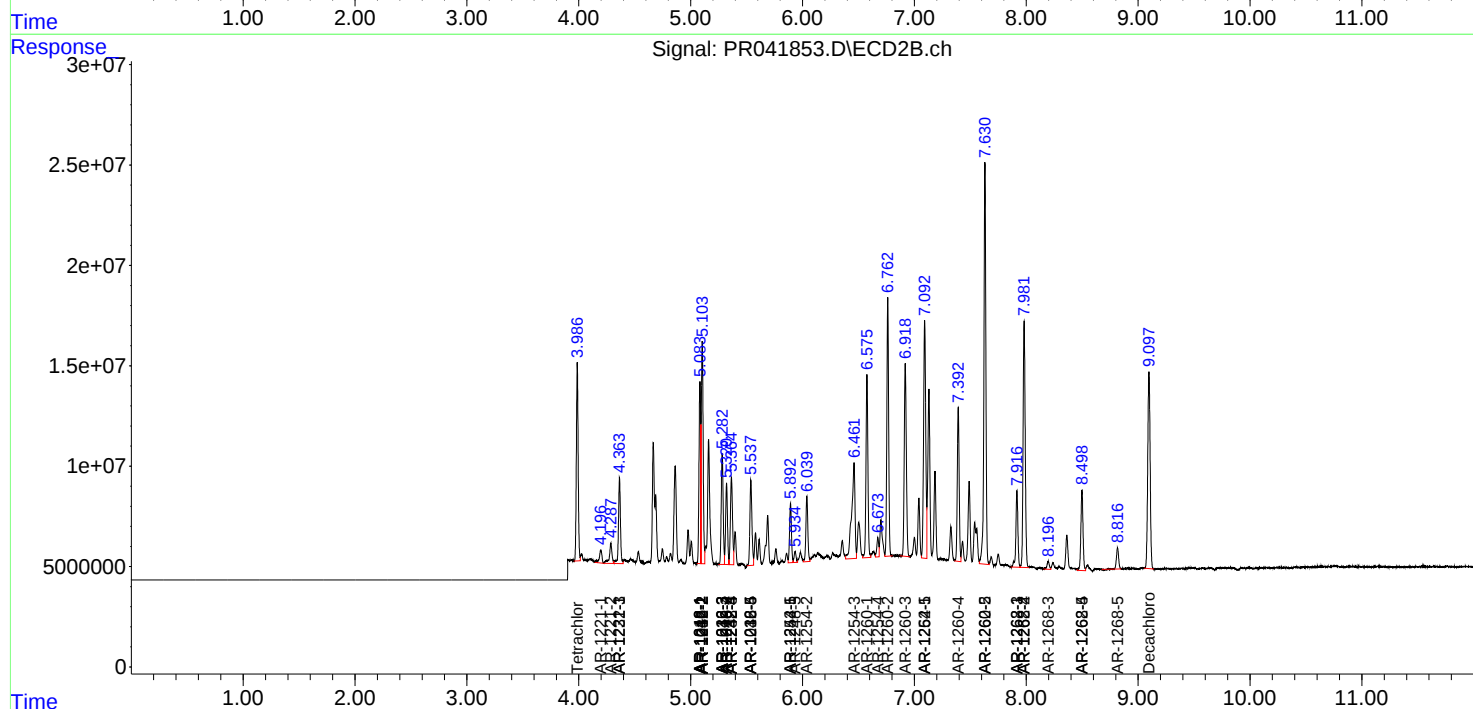
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

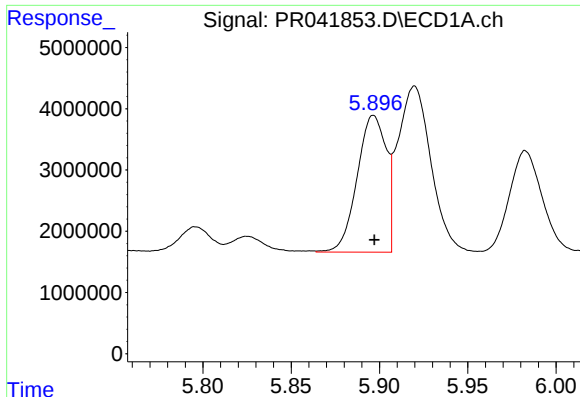
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.103	7.981	21306720	160.5E6	42.856	80.657 #
43) L9	AR-1268-3	9.369	8.197	1652229	5980464	4.051	3.569
44) L9	AR-1268-4	9.825	8.498	14679837	53436669	83.671	82.802
45) L9	AR-1268-5	10.271	8.816	4854400	14007721	3.725	3.052

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

Instrument :
ECD_R
ClientSampleId :
DBAK2MS

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

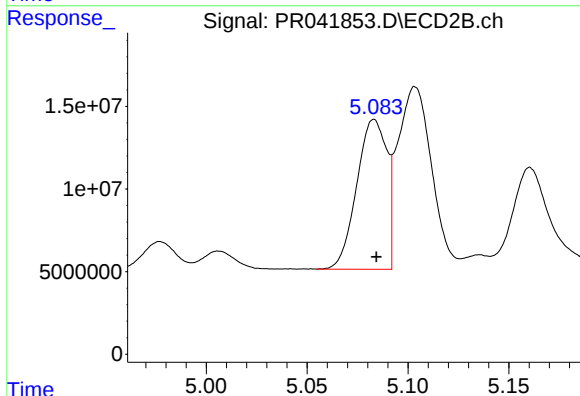




#3 AR-1016-1

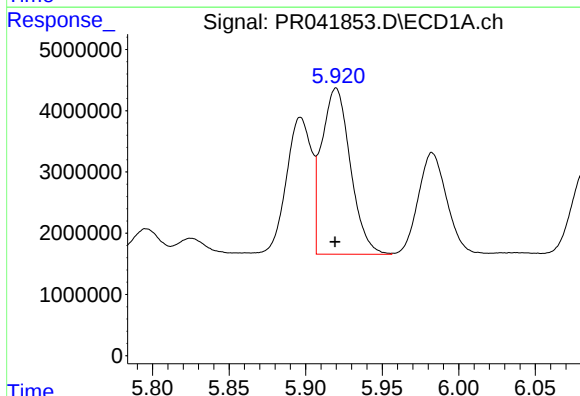
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 25581330
Conc: 178.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



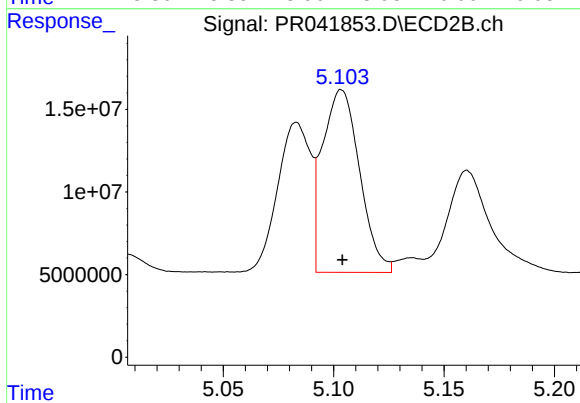
#3 AR-1016-1

R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 93972018
Conc: 172.87 ng/ml



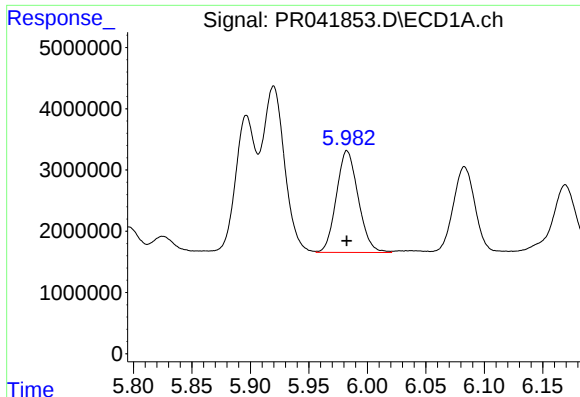
#4 AR-1016-2

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 35419156
Conc: 173.20 ng/ml



#4 AR-1016-2

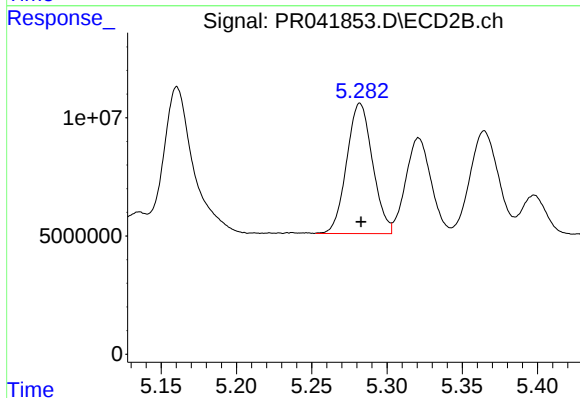
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 129375643
Conc: 179.25 ng/ml



#5 AR-1016-3

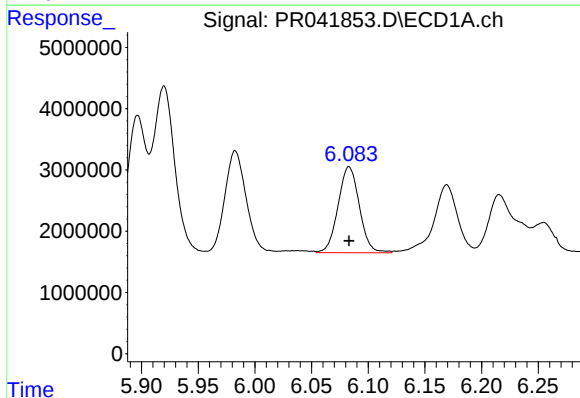
R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 21619609
Conc: 177.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



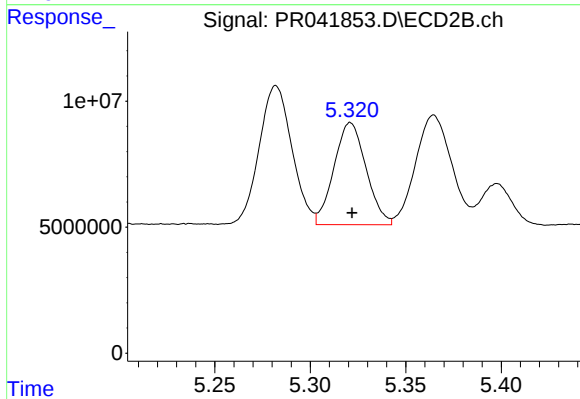
#5 AR-1016-3

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 65797639
Conc: 180.44 ng/ml



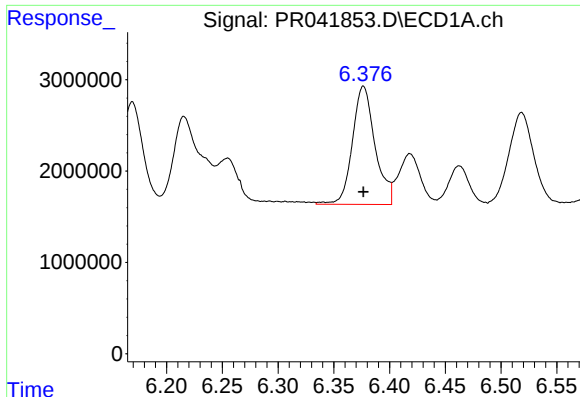
#6 AR-1016-4

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 18331031
Conc: 180.24 ng/ml



#6 AR-1016-4

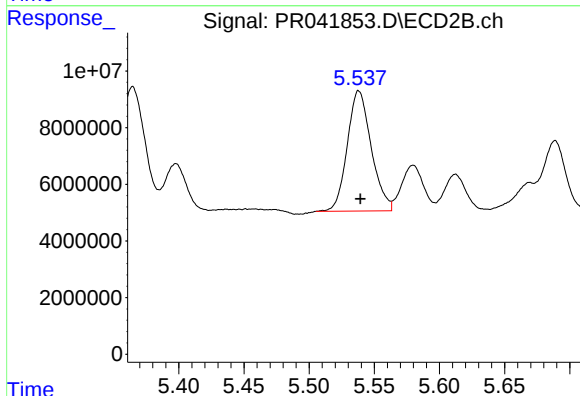
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 47449015
Conc: 170.98 ng/ml



#7 AR-1016-5

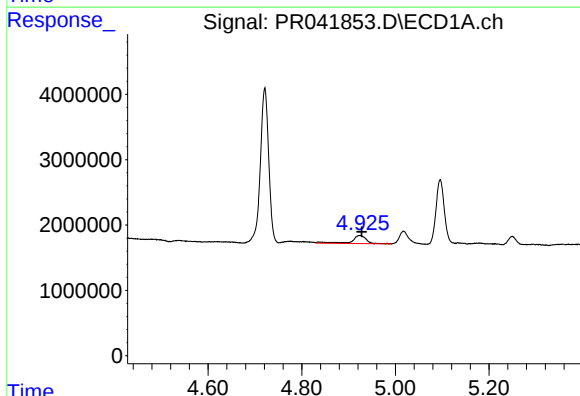
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 18303222
Conc: 183.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



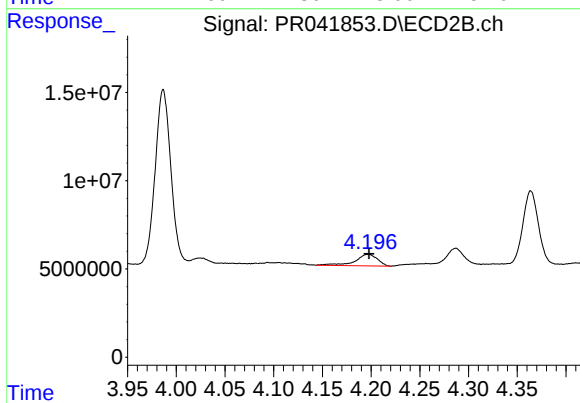
#7 AR-1016-5

R.T.: 5.538 min
Delta R.T.: -0.001 min
Response: 54335367
Conc: 175.72 ng/ml



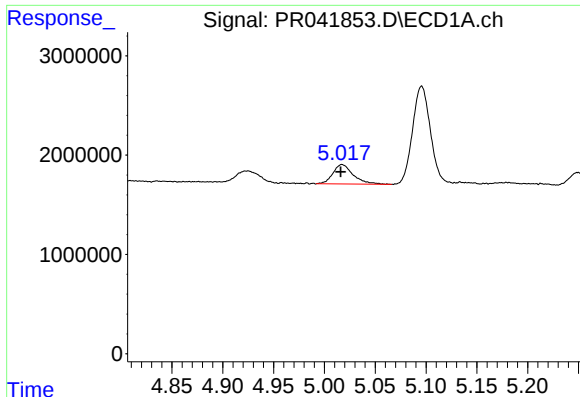
#8 AR-1221-1

R.T.: 4.924 min
Delta R.T.: -0.004 min
Response: 2639261
Conc: 64.29 ng/ml



#8 AR-1221-1

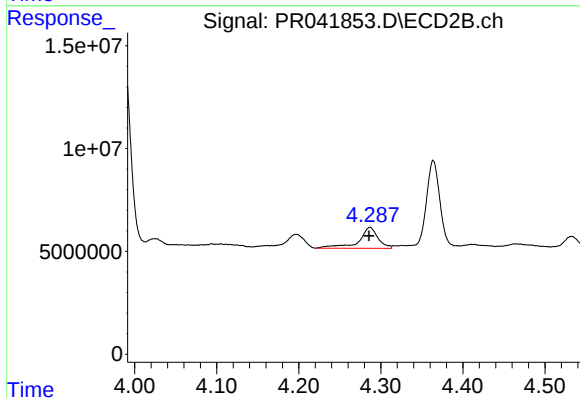
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 10416728
Conc: 61.66 ng/ml



#9 AR-1221-2

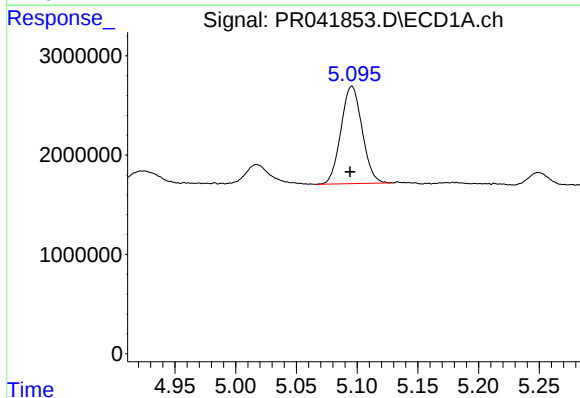
R.T.: 5.017 min
Delta R.T.: 0.001 min
Response: 2727291
Conc: 94.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



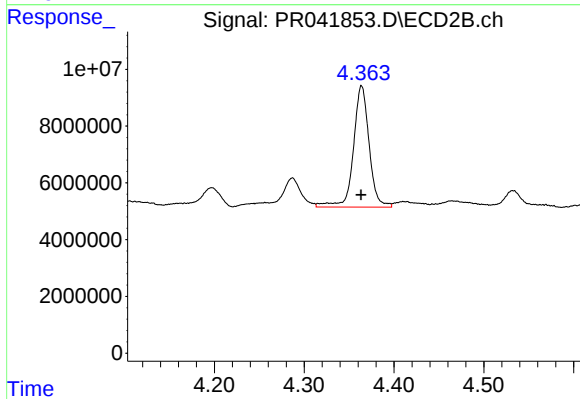
#9 AR-1221-2

R.T.: 4.287 min
Delta R.T.: 0.001 min
Response: 16480541
Conc: 134.10 ng/ml



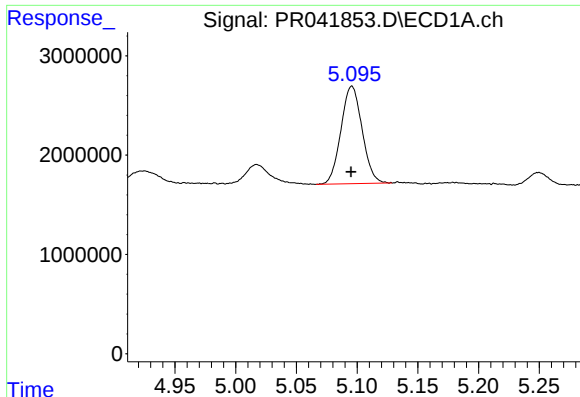
#10 AR-1221-3

R.T.: 5.096 min
Delta R.T.: 0.001 min
Response: 11897775
Conc: 122.29 ng/ml



#10 AR-1221-3

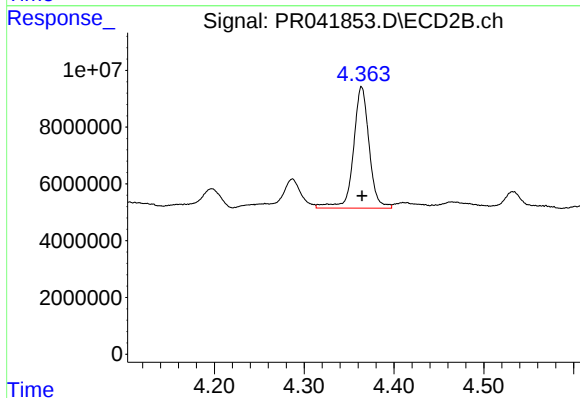
R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 51935580
Conc: 133.34 ng/ml



#11 AR-1232-1

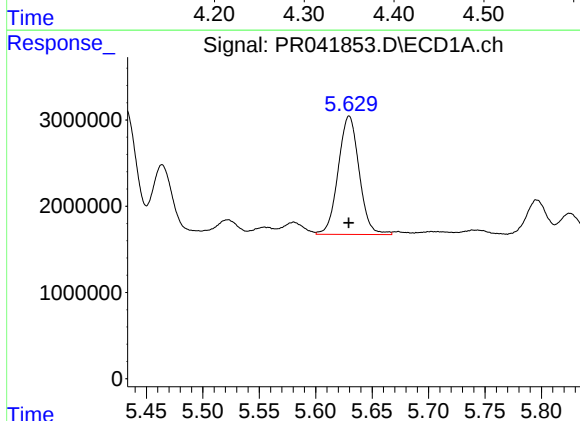
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 11897775
Conc: 142.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



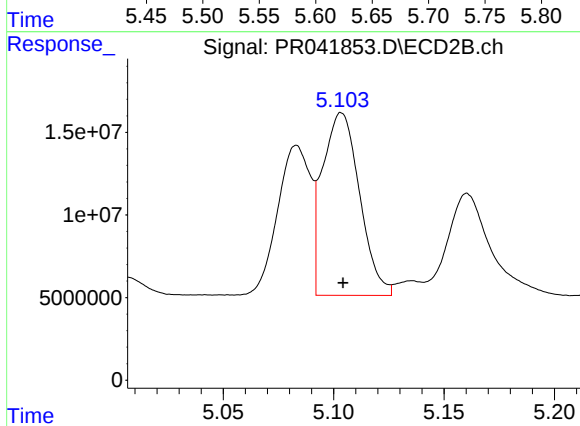
#11 AR-1232-1

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 51935580
Conc: 152.42 ng/ml



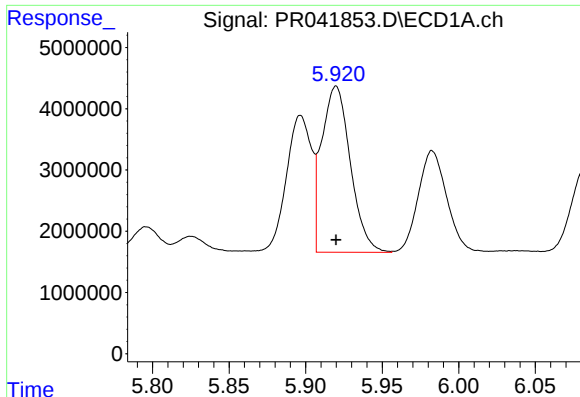
#12 AR-1232-2

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 17750019
Conc: 412.04 ng/ml



#12 AR-1232-2

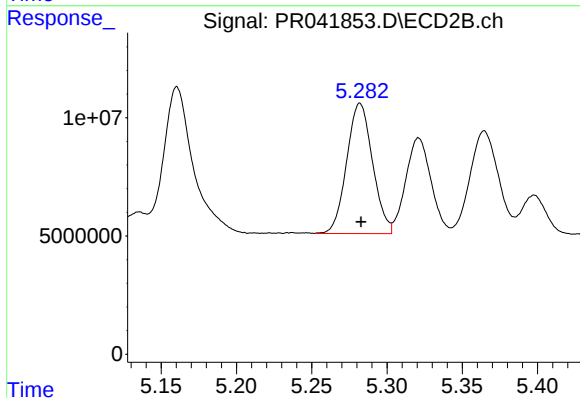
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 129375643
Conc: 379.93 ng/ml



#13 AR-1232-3

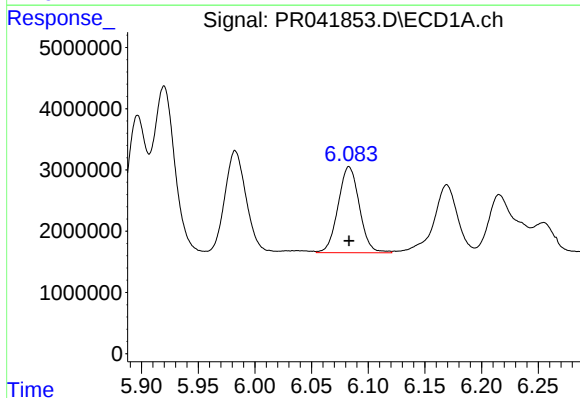
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 35419156
Conc: 393.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



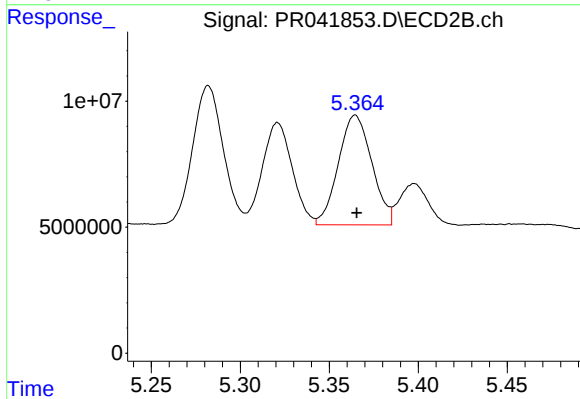
#13 AR-1232-3

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 65797639
Conc: 390.69 ng/ml



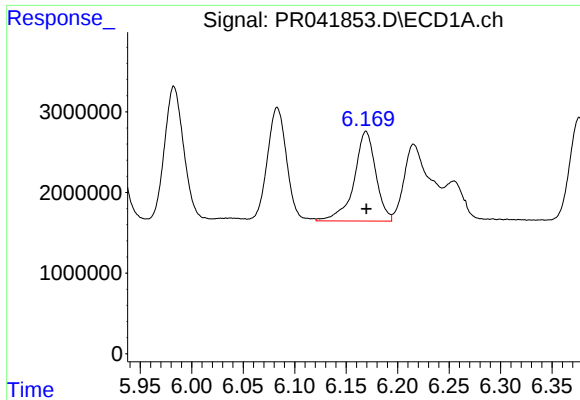
#14 AR-1232-4

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 18331031
Conc: 411.90 ng/ml



#14 AR-1232-4

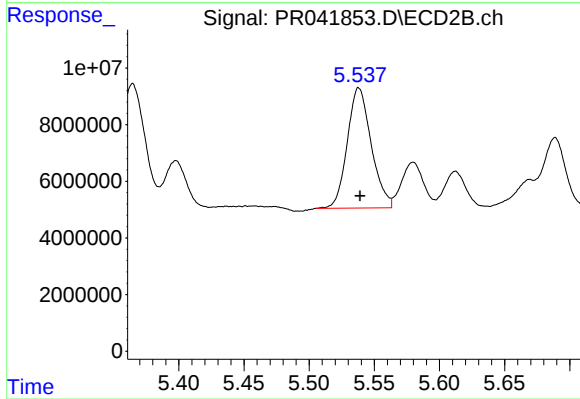
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 57083526
Conc: 400.76 ng/ml



#15 AR-1232-5

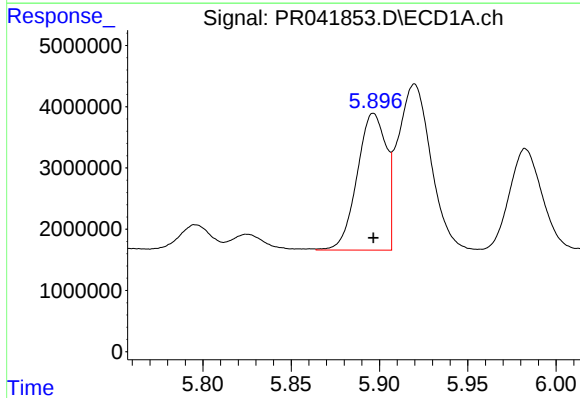
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 16347496
Conc: 497.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



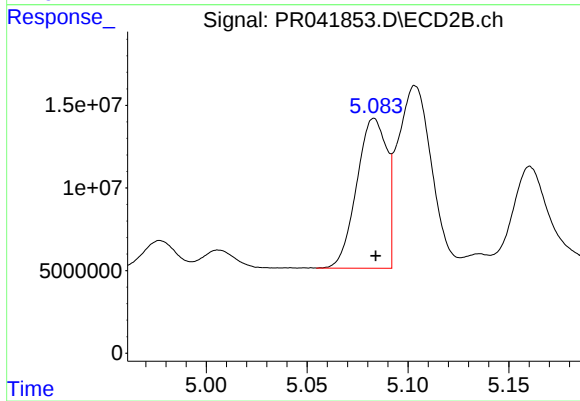
#15 AR-1232-5

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 54335367
Conc: 403.23 ng/ml



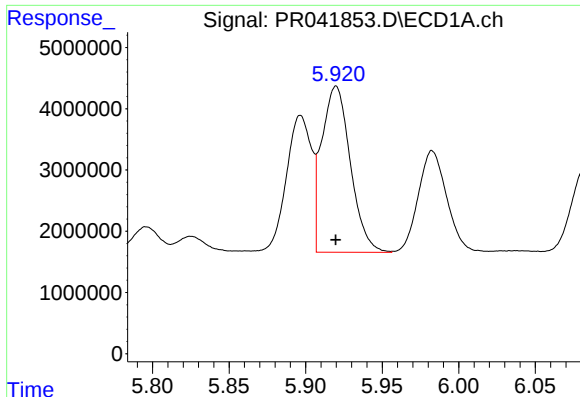
#16 AR-1242-1

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 25581330
Conc: 231.98 ng/ml



#16 AR-1242-1

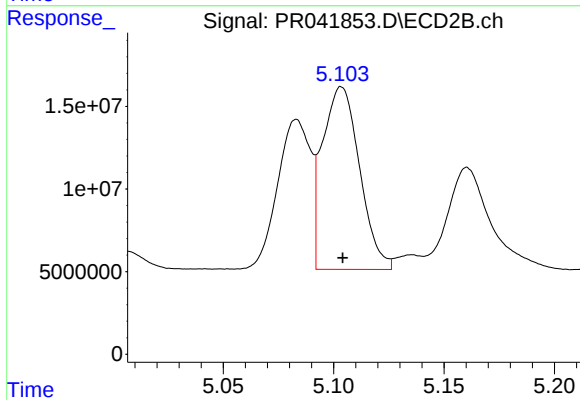
R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 93972018
Conc: 221.27 ng/ml



#17 AR-1242-2

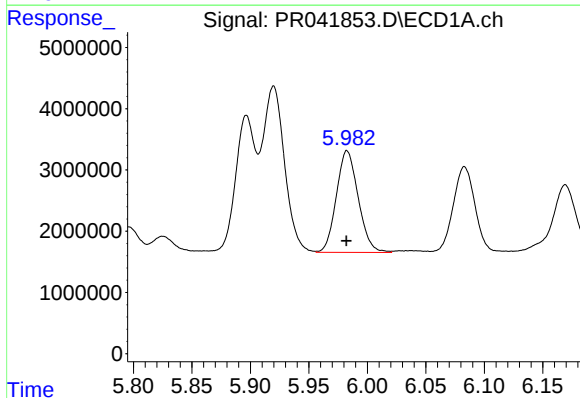
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 35419156
Conc: 228.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



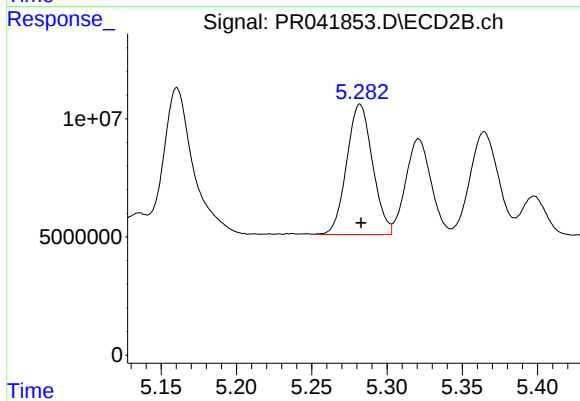
#17 AR-1242-2

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 129375643
Conc: 227.33 ng/ml



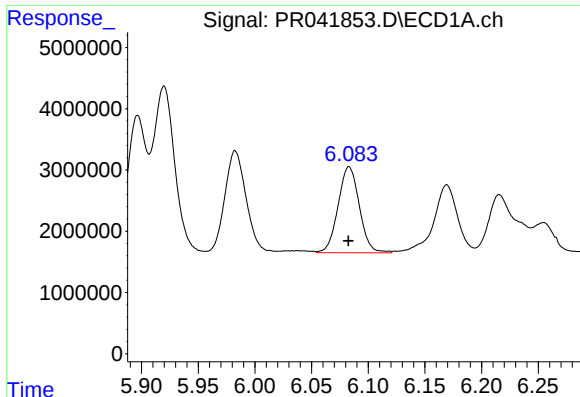
#18 AR-1242-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 21619609
Conc: 230.42 ng/ml



#18 AR-1242-3

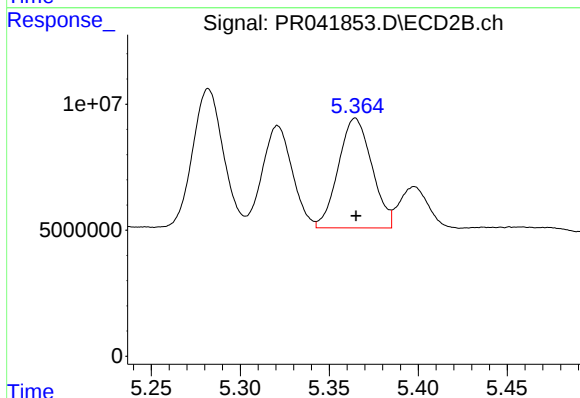
R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 65797639
Conc: 227.98 ng/ml



#19 AR-1242-4

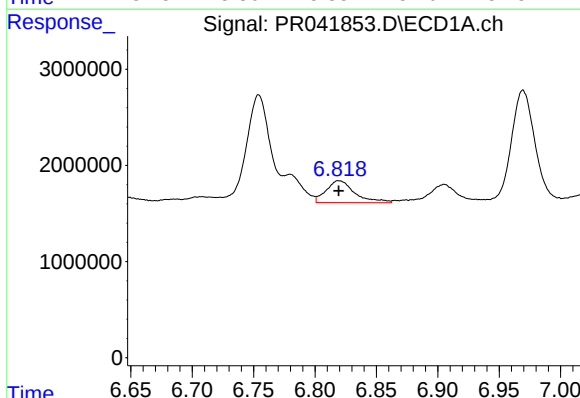
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 18331031
Conc: 235.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



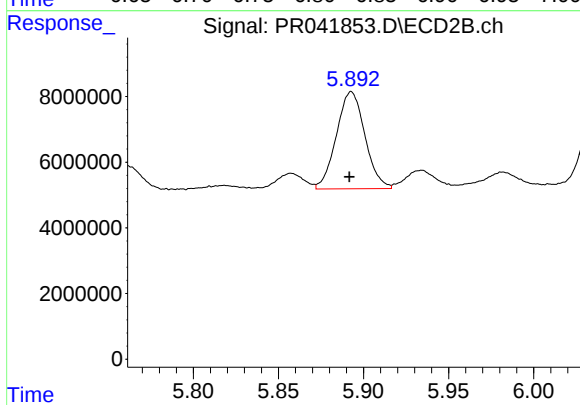
#19 AR-1242-4

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 57083526
Conc: 219.28 ng/ml



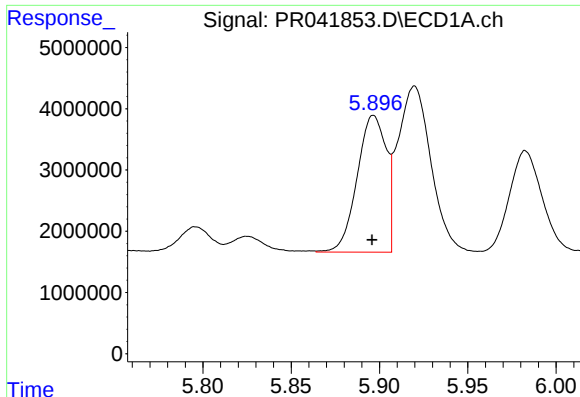
#20 AR-1242-5

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 3700387
Conc: 42.28 ng/ml



#20 AR-1242-5

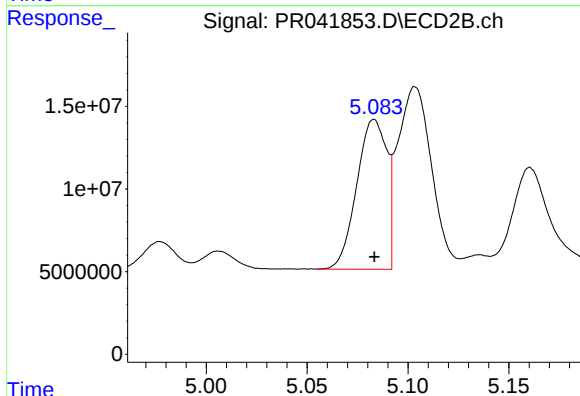
R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 34565993
Conc: 130.29 ng/ml



#21 AR-1248-1

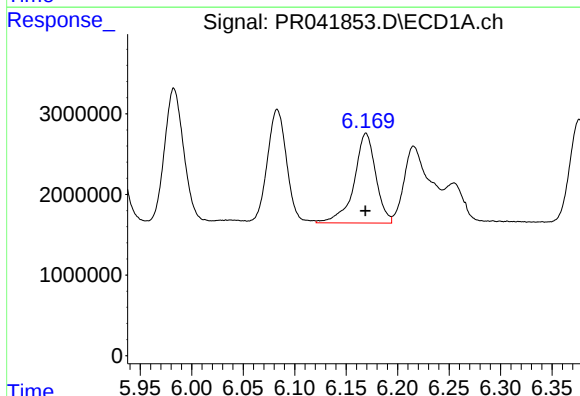
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 25581330
Conc: 307.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



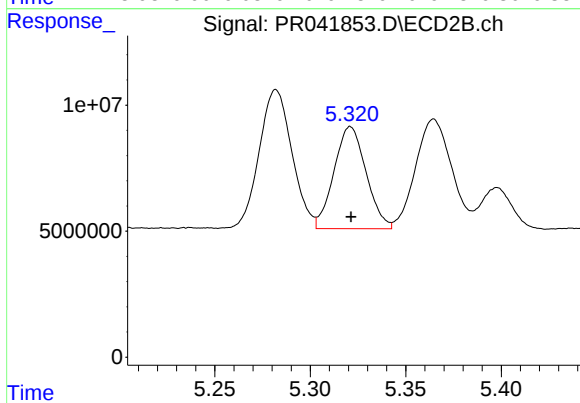
#21 AR-1248-1

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 93972018
Conc: 288.31 ng/ml



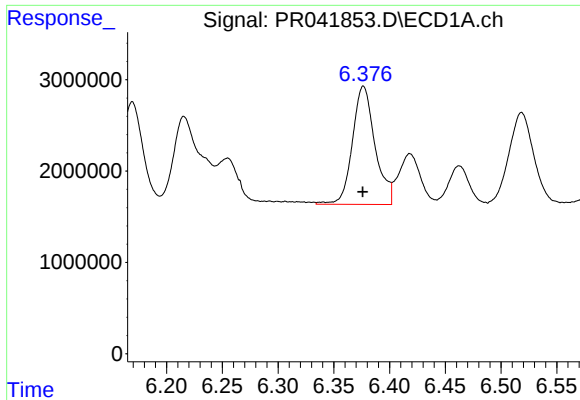
#22 AR-1248-2

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 16347496
Conc: 142.46 ng/ml



#22 AR-1248-2

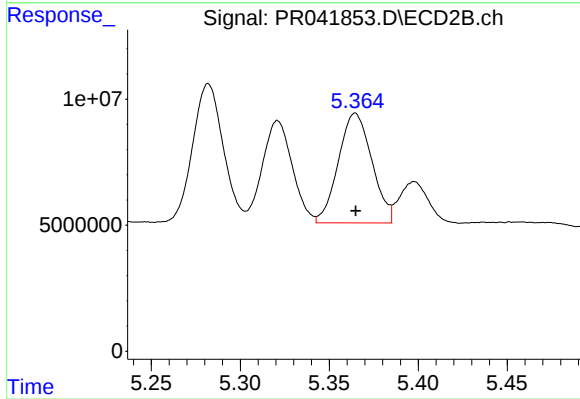
R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 47449015
Conc: 127.39 ng/ml



#23 AR-1248-3

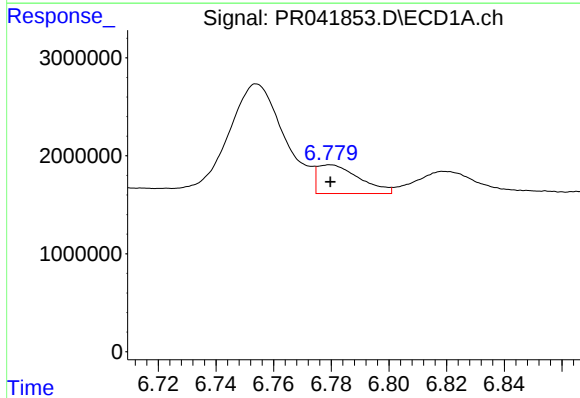
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 18303222
Conc: 141.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



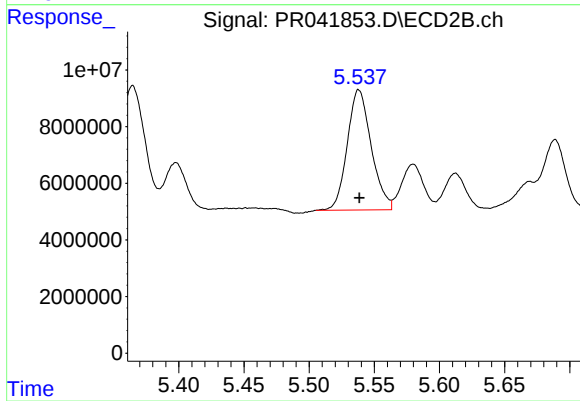
#23 AR-1248-3

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 57083526
Conc: 152.50 ng/ml



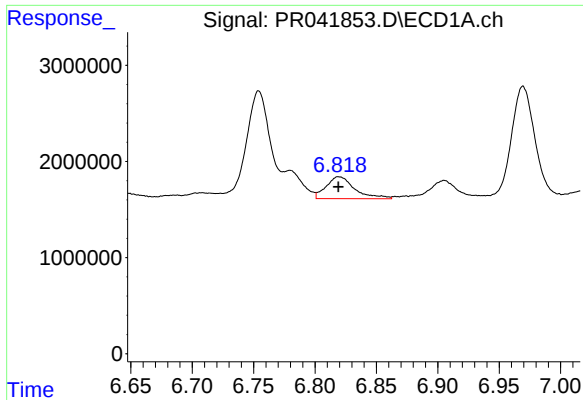
#24 AR-1248-4

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 2965704
Conc: 19.33 ng/ml



#24 AR-1248-4

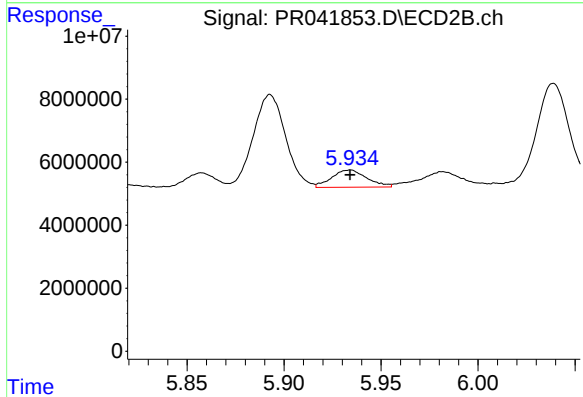
R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 54335367
Conc: 136.43 ng/ml



#25 AR-1248-5

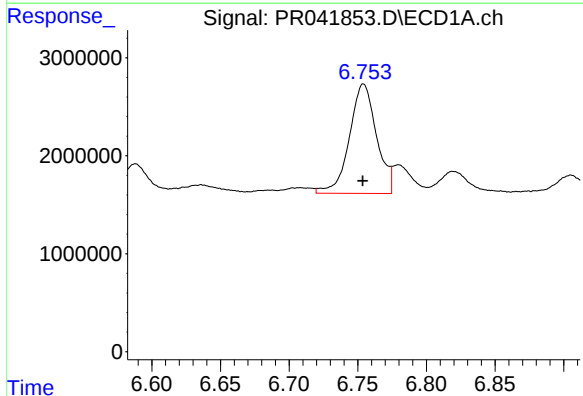
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 3700387
Conc: 25.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



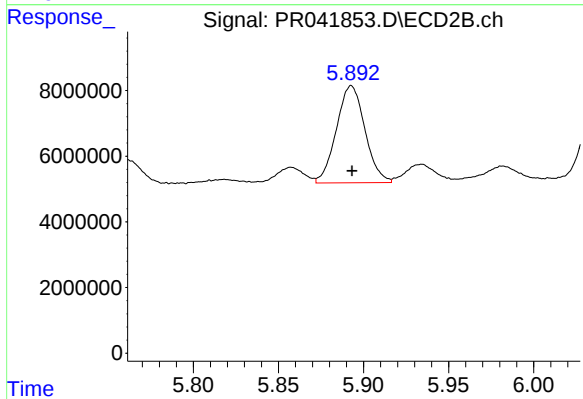
#25 AR-1248-5

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 6939108
Conc: 19.87 ng/ml



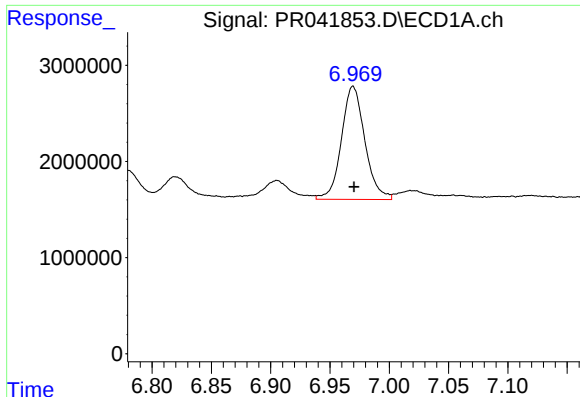
#26 AR-1254-1

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 15362085
Conc: 94.07 ng/ml



#26 AR-1254-1

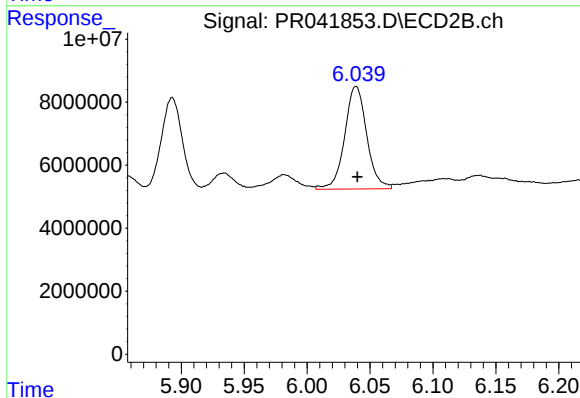
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 34565993
Conc: 65.25 ng/ml



#27 AR-1254-2

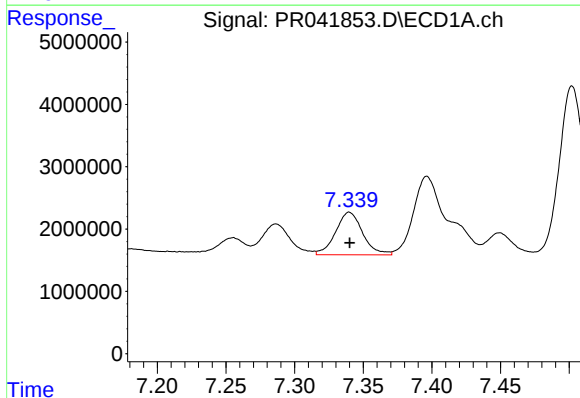
R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 16167804
Conc: 65.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



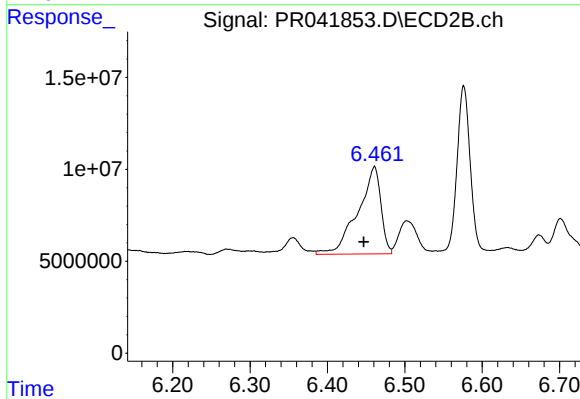
#27 AR-1254-2

R.T.: 6.039 min
Delta R.T.: -0.001 min
Response: 39854077
Conc: 79.49 ng/ml



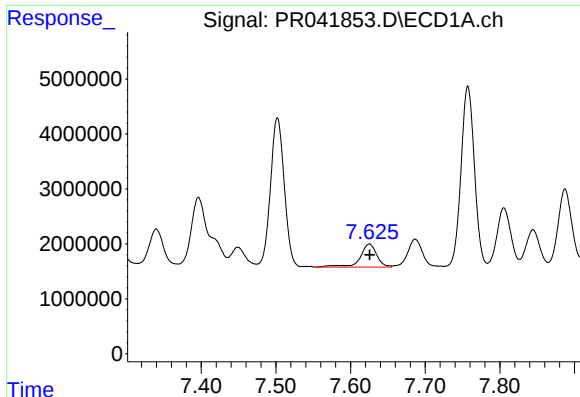
#28 AR-1254-3

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 9370716
Conc: 34.72 ng/ml



#28 AR-1254-3

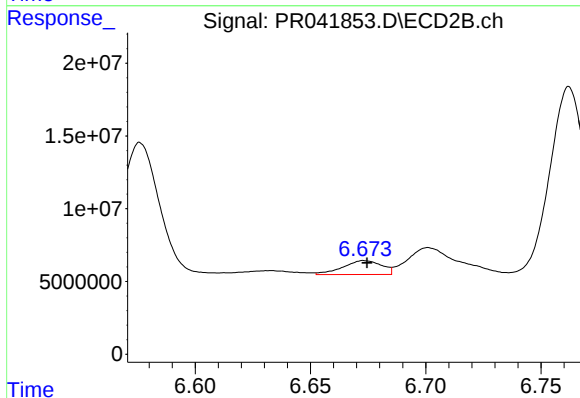
R.T.: 6.461 min
Delta R.T.: 0.014 min
Response: 98239847
Conc: 104.13 ng/ml



#29 AR-1254-4

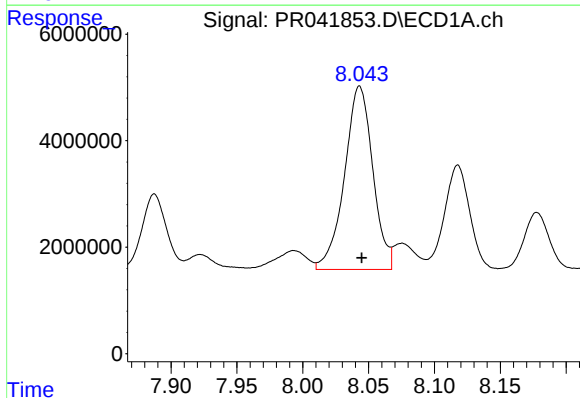
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 6527659
Conc: 32.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



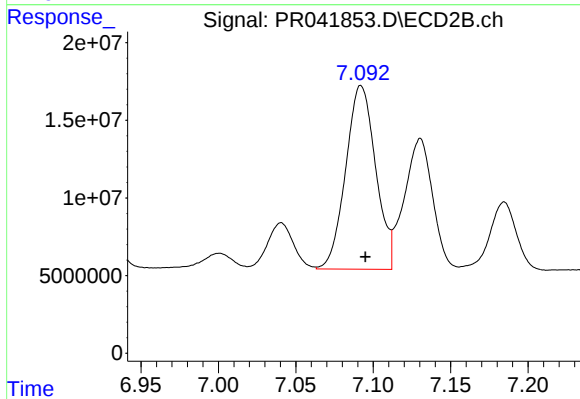
#29 AR-1254-4

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 11167254
Conc: 16.87 ng/ml



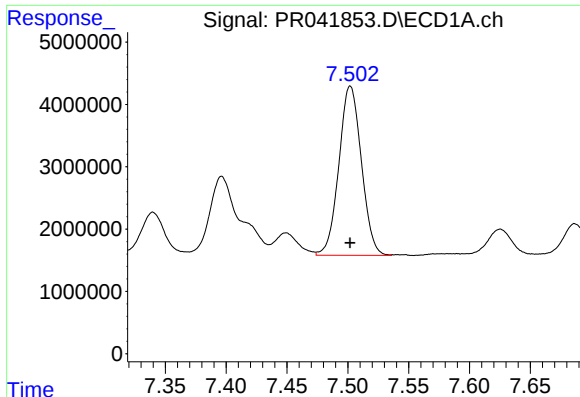
#30 AR-1254-5

R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 51554769
Conc: 242.44 ng/ml



#30 AR-1254-5

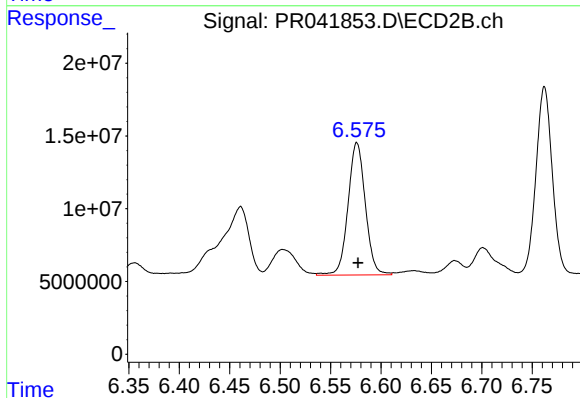
R.T.: 7.092 min
Delta R.T.: -0.003 min
Response: 159360854
Conc: 185.60 ng/ml



#31 AR-1260-1

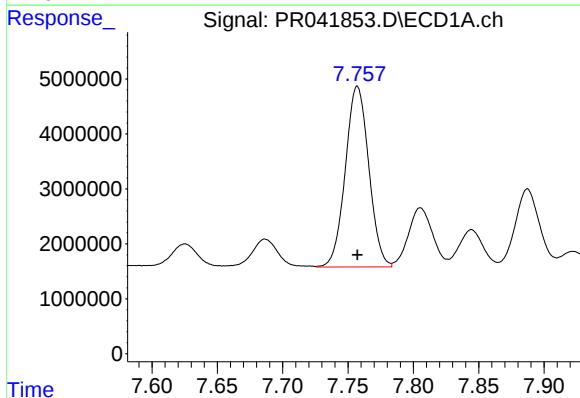
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 34940982
Conc: 184.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



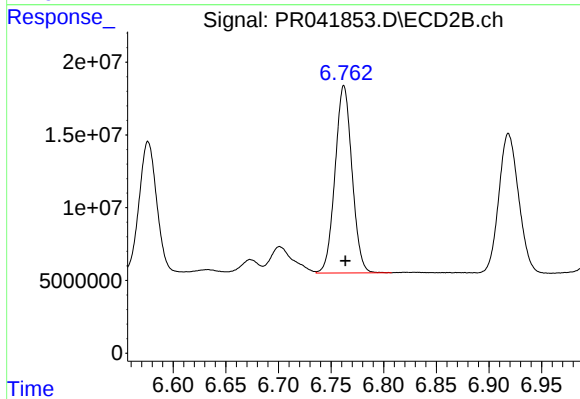
#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 108968726
Conc: 183.83 ng/ml



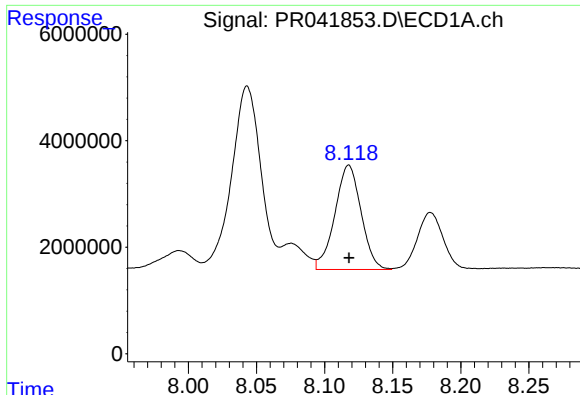
#32 AR-1260-2

R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 41108634
Conc: 173.92 ng/ml



#32 AR-1260-2

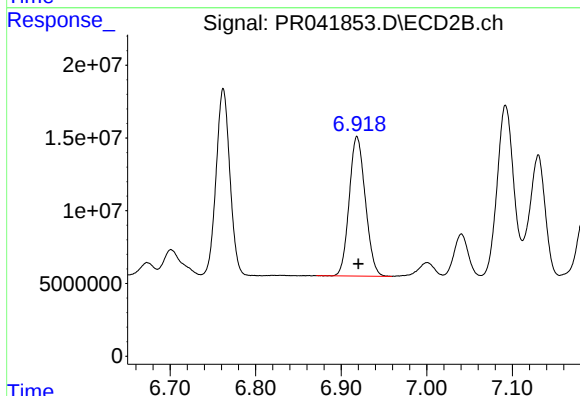
R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 144304860
Conc: 177.00 ng/ml



#33 AR-1260-3

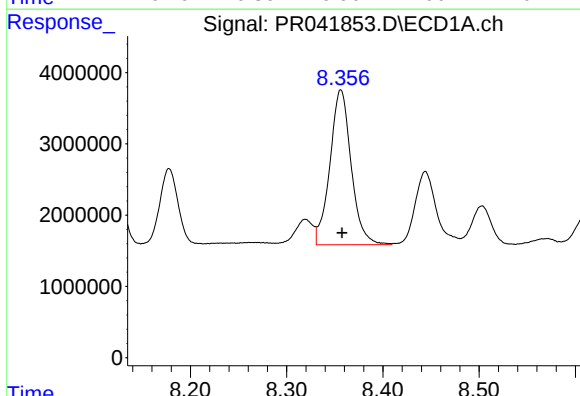
R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 26240809
Conc: 139.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



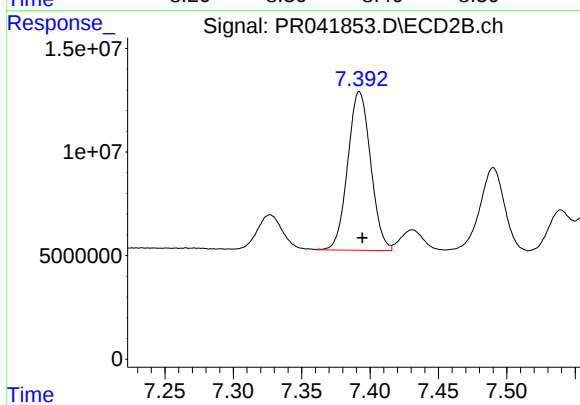
#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 125286330
Conc: 181.23 ng/ml



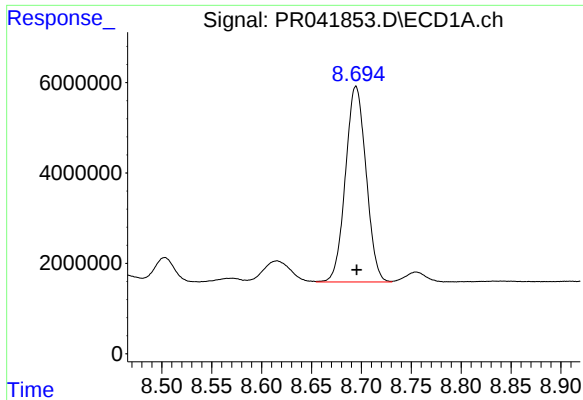
#34 AR-1260-4

R.T.: 8.356 min
Delta R.T.: -0.001 min
Response: 33321722
Conc: 165.81 ng/ml



#34 AR-1260-4

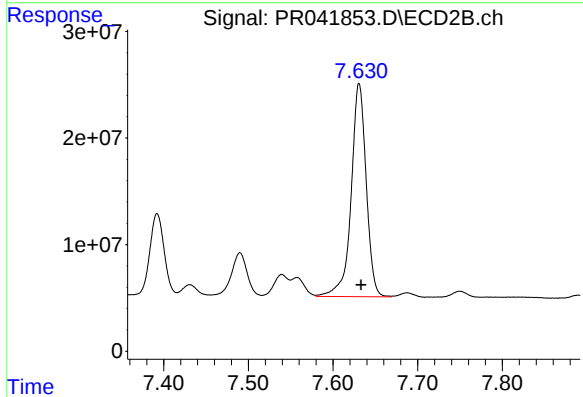
R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 89336289
Conc: 153.95 ng/ml



#35 AR-1260-5

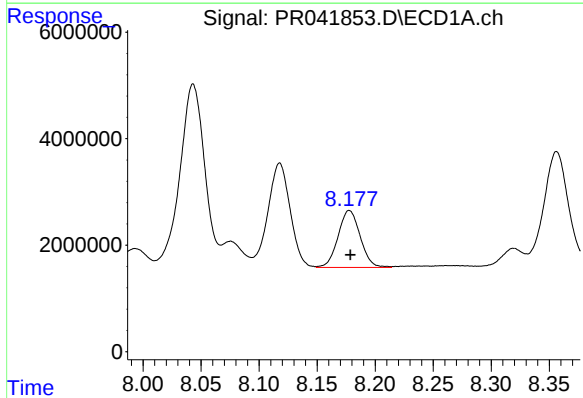
R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 62200762
Conc: 143.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



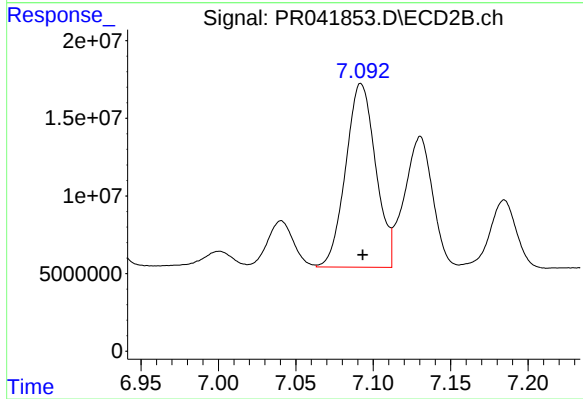
#35 AR-1260-5

R.T.: 7.631 min
Delta R.T.: -0.003 min
Response: 247133572
Conc: 152.00 ng/ml



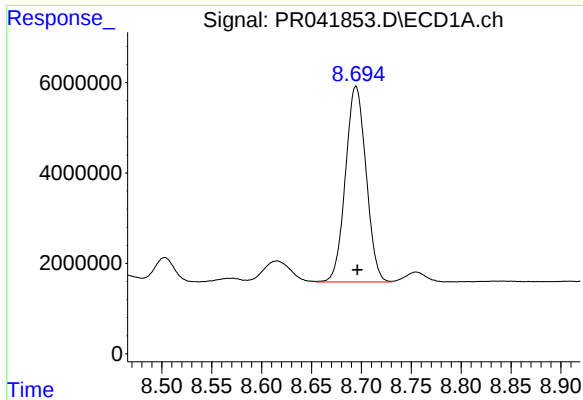
#36 AR-1262-1

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 14159199
Conc: 150.42 ng/ml



#36 AR-1262-1

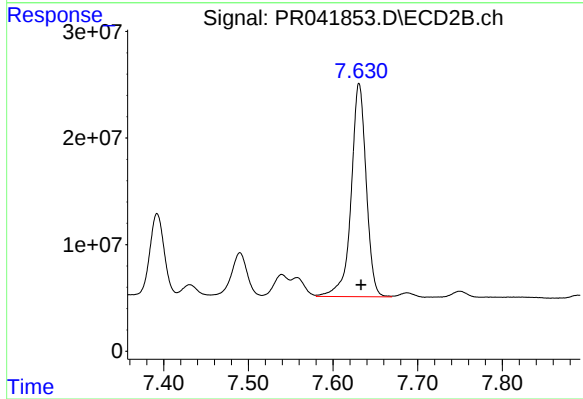
R.T.: 7.092 min
Delta R.T.: -0.001 min
Response: 159360854
Conc: 365.69 ng/ml



#37 AR-1262-2

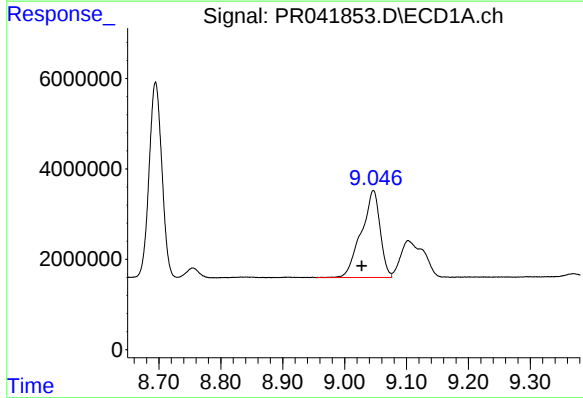
R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 62200762
Conc: 144.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



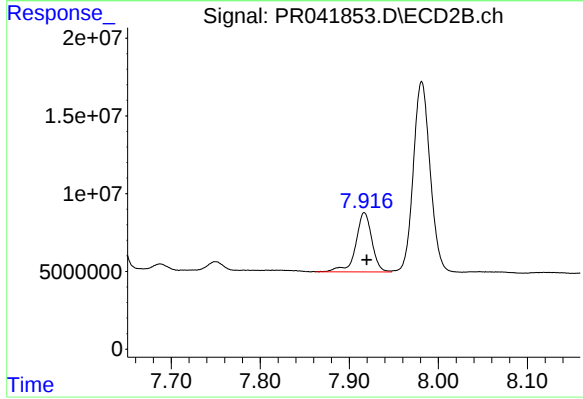
#37 AR-1262-2

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 247133572
Conc: 143.56 ng/ml



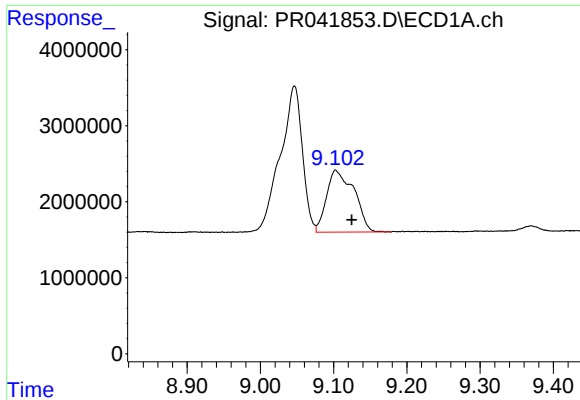
#38 AR-1262-3

R.T.: 9.047 min
Delta R.T.: 0.019 min
Response: 40599164
Conc: 145.65 ng/ml



#38 AR-1262-3

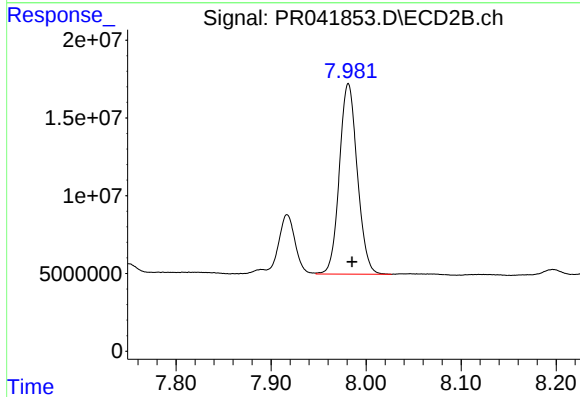
R.T.: 7.917 min
Delta R.T.: -0.003 min
Response: 47882406
Conc: 73.36 ng/ml



#39 AR-1262-4

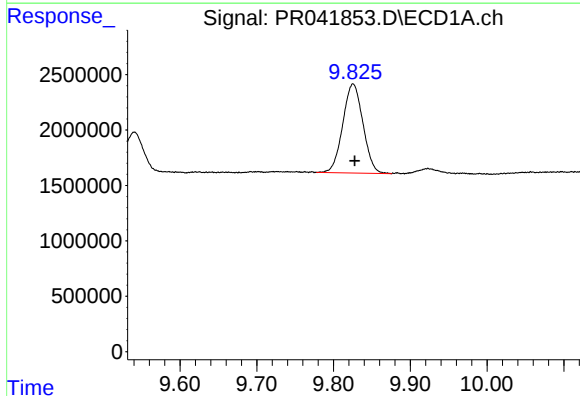
R.T.: 9.103 min
Delta R.T.: -0.022 min
Response: 21306720
Conc: 104.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



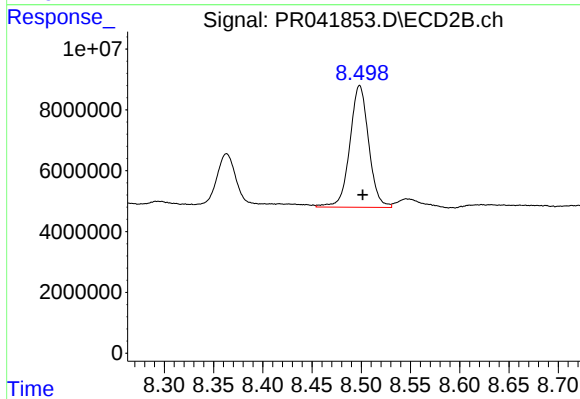
#39 AR-1262-4

R.T.: 7.981 min
Delta R.T.: -0.004 min
Response: 160493579
Conc: 137.34 ng/ml



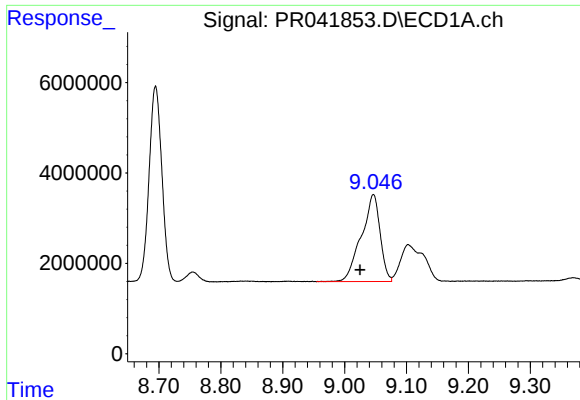
#40 AR-1262-5

R.T.: 9.825 min
Delta R.T.: -0.002 min
Response: 14679837
Conc: 101.77 ng/ml



#40 AR-1262-5

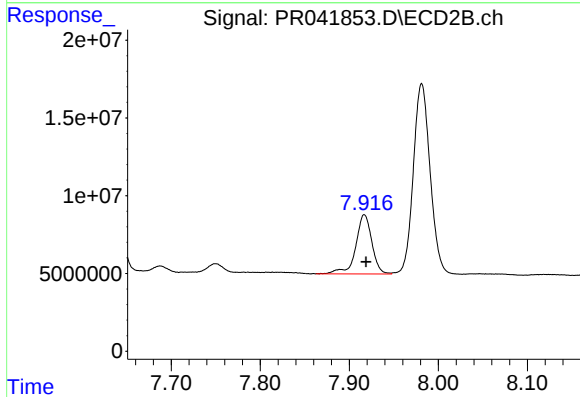
R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 53436669
Conc: 99.90 ng/ml



#41 AR-1268-1

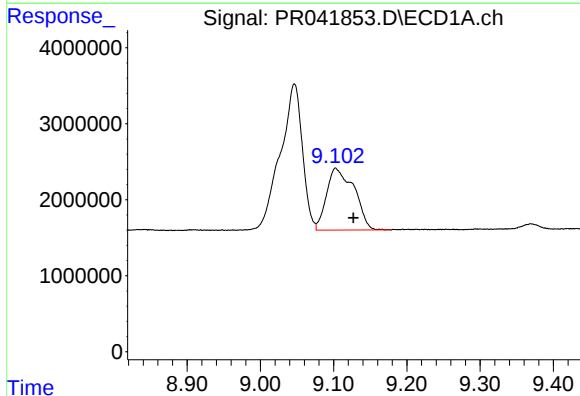
R.T.: 9.047 min
Delta R.T.: 0.021 min
Response: 40599164
Conc: 73.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



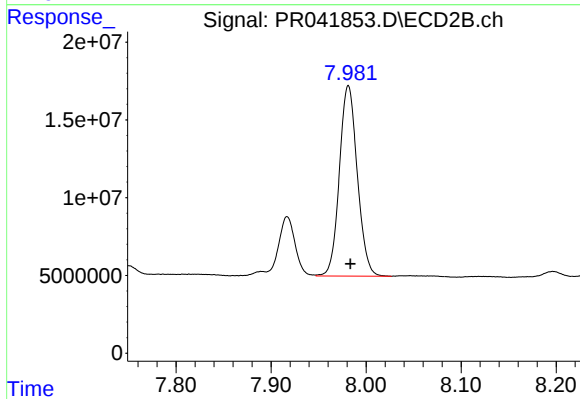
#41 AR-1268-1

R.T.: 7.917 min
Delta R.T.: -0.002 min
Response: 47882406
Conc: 21.84 ng/ml



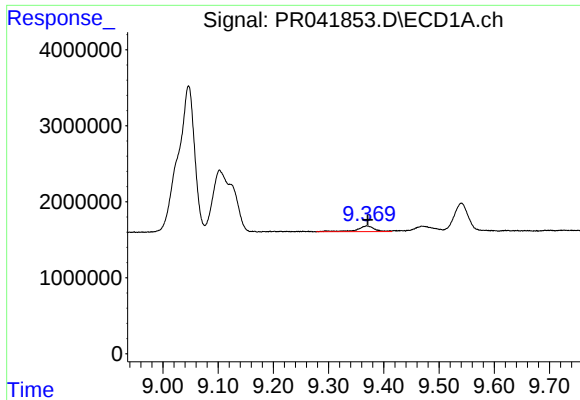
#42 AR-1268-2

R.T.: 9.103 min
Delta R.T.: -0.024 min
Response: 21306720
Conc: 42.86 ng/ml



#42 AR-1268-2

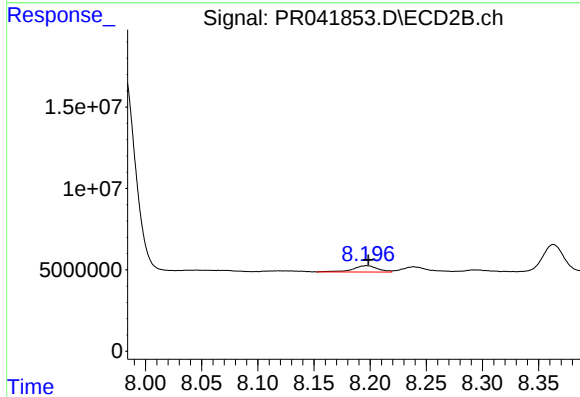
R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 160493579
Conc: 80.66 ng/ml



#43 AR-1268-3

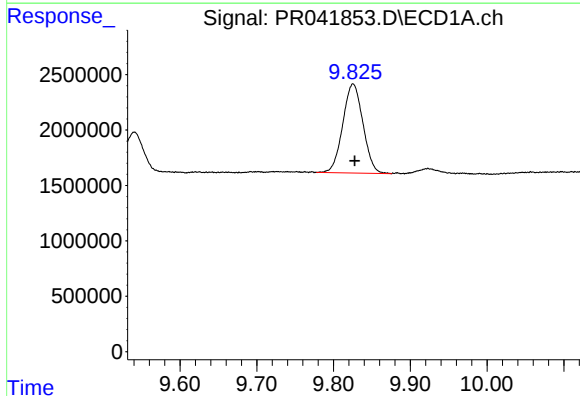
R.T.: 9.369 min
Delta R.T.: -0.001 min
Response: 1652229
Conc: 4.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



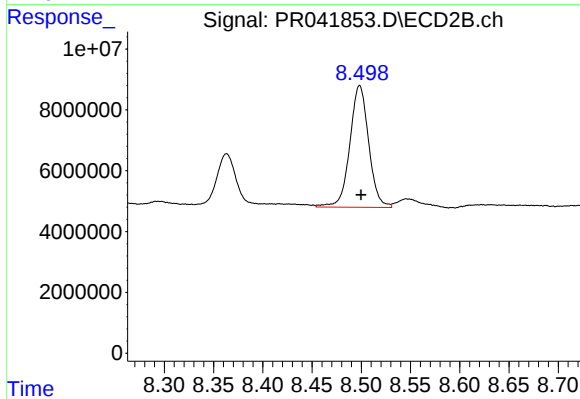
#43 AR-1268-3

R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 5980464
Conc: 3.57 ng/ml



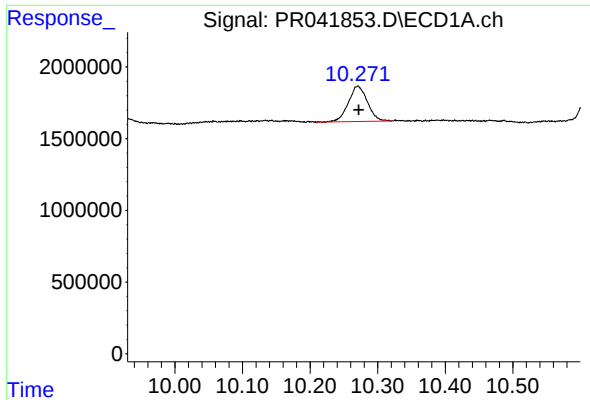
#44 AR-1268-4

R.T.: 9.825 min
Delta R.T.: -0.002 min
Response: 14679837
Conc: 83.67 ng/ml



#44 AR-1268-4

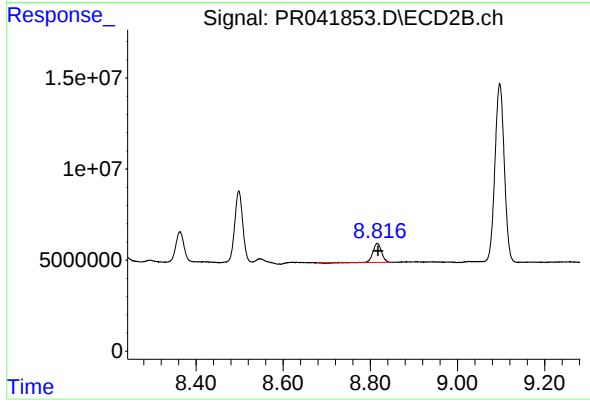
R.T.: 8.498 min
Delta R.T.: -0.001 min
Response: 53436669
Conc: 82.80 ng/ml



#45 AR-1268-5

R.T.: 10.271 min
Delta R.T.: -0.001 min
Response: 4854400
Conc: 3.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
DBAK2MS



#45 AR-1268-5

R.T.: 8.816 min
Delta R.T.: -0.002 min
Response: 14007721
Conc: 3.05 ng/ml