

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
 Data File : PR042071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2019 11:44
 Operator : SM\AJ
 Sample : K5178-14MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 05:37:48 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	3.985	65044876	247.8E6	15.990	16.208
2)	SA Decachlor...	10.633	9.092	81663408	256.6E6	23.766	25.880
Target Compounds							
3)	L1 AR-1016-1	5.895	5.081	59365875	212.4E6	413.500	390.706
4)	L1 AR-1016-2	5.919	5.101	81906747	275.0E6	400.529	380.967
5)	L1 AR-1016-3	5.981	5.279	46975510	137.4E6	386.396	376.789
6)	L1 AR-1016-4	6.081	5.318	41344927	143.6E6	406.534	517.357 #
7)	L1 AR-1016-5	6.375	5.535	48567635	133.6E6	487.770	432.223
8)	L2 AR-1221-1	4.922	4.195	4763911	19429066	116.036	115.006
9)	L2 AR-1221-2	5.016	4.285	6576338	23300868	226.666	189.596
10)	L2 AR-1221-3	5.094	4.361	25694611	99816979	264.096	256.271
11)	L3 AR-1232-1	5.094	4.361	25694611	99816979	307.065	292.950
12)	L3 AR-1232-2	5.628	5.101	39959649	275.0E6	927.595	807.492
13)	L3 AR-1232-3	5.919	5.279	81906747	137.4E6	910.933	815.822
14)	L3 AR-1232-4	6.081	5.361	41344927	149.9E6	929.023	1052.307
15)	L3 AR-1232-5	6.168	5.535	49748161	133.6E6	1514.328	991.822 #
16)	L4 AR-1242-1	5.895	5.081	59365875	212.4E6	538.341	500.086
17)	L4 AR-1242-2	5.919	5.101	81906747	275.0E6	527.578	483.162
18)	L4 AR-1242-3	5.981	5.279	46975510	137.4E6	500.651	476.063
19)	L4 AR-1242-4	6.081	5.361	41344927	149.9E6	532.194	575.788
20)	L4 AR-1242-5	6.819	5.889	17052449	128.1E6	194.823	482.896 #
21)	L5 AR-1248-1	5.895	5.081	59365875	212.4E6	713.426	651.612
22)	L5 AR-1248-2	6.168	5.318	49748161	143.6E6	433.519	385.458
23)	L5 AR-1248-3	6.375	5.361	48567635	149.9E6	374.585	400.433
24)	L5 AR-1248-4	6.778	5.535	10147734	133.6E6	66.132	335.568 #
25)	L5 AR-1248-5	6.819	5.931	17052449	36141127	117.774	103.478
26)	L6 AR-1254-1	6.752	5.889	44663338	128.1E6	273.485	241.836
27)	L6 AR-1254-2	6.968	6.036	52672480	124.4E6	212.304	248.032
28)	L6 AR-1254-3	7.339	6.444	46400004	310.1E6	171.940	328.729 #
29)	L6 AR-1254-4	7.624	6.670	21724623	68312074	107.041	103.178
30)	L6 AR-1254-5	8.042	7.089	112.2E6	368.2E6	527.785	428.763
31)	L7 AR-1260-1	7.501	6.573	75970747	246.1E6	400.973	415.189
32)	L7 AR-1260-2	7.755	6.759	89905850	329.3E6	380.375	403.964
33)	L7 AR-1260-3	8.116	6.915	52335870	285.2E6	278.786	412.531 #
34)	L7 AR-1260-4	8.355	7.389	68739913	185.0E6	342.047	318.778
35)	L7 AR-1260-5	8.694	7.628	122.6E6	512.8E6	283.223	315.395
36)	L8 AR-1262-1	8.177	7.089	32319662	368.2E6	343.349	844.814 #
37)	L8 AR-1262-2	8.694	7.628	122.6E6	512.8E6	284.240	297.872
38)	L8 AR-1262-3	9.046	7.914	78933227	101.0E6	283.175	154.662 #
39)	L8 AR-1262-4	9.102	7.977	44395666	305.3E6	216.703	261.299
40)	L8 AR-1262-5	9.825	8.495	27941698	94674789	193.704	176.993
41)	L9 AR-1268-1	9.046	7.914	78933227	101.0E6	143.712	46.042 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
 Data File : PR042071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2019 11:44
 Operator : SM\AJ
 Sample : K5178-14MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 05:37:48 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

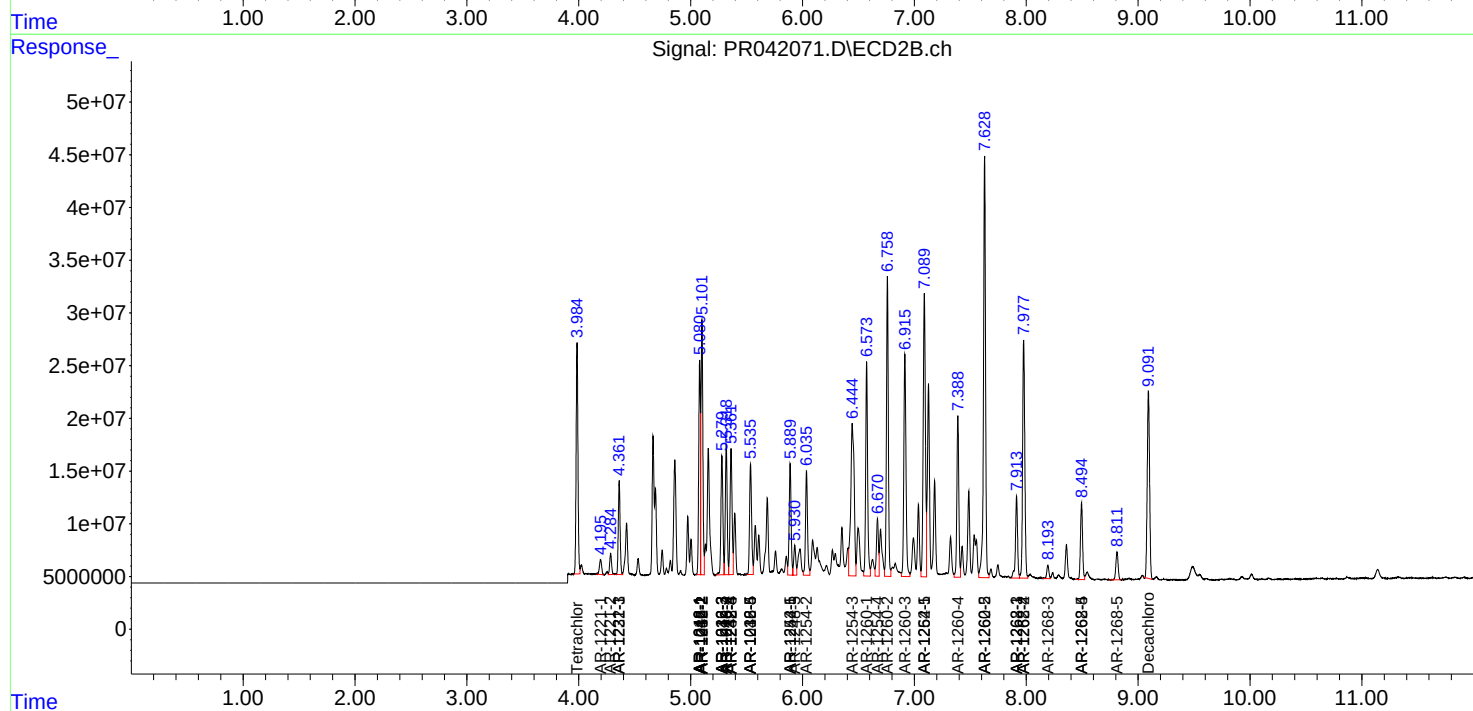
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

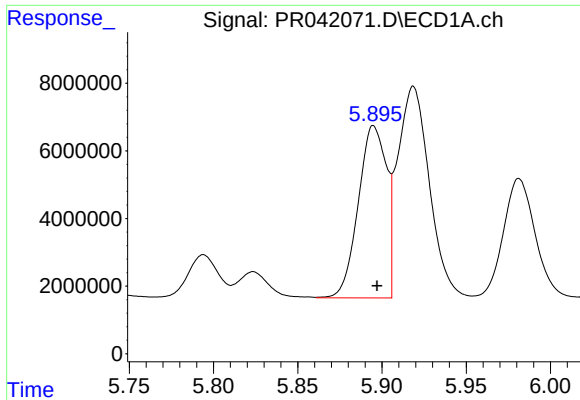
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.102	7.977	44395666	305.3E6	89.296	153.452 #
43) L9	AR-1268-3	9.368	8.194	3309999	17244370	8.115	10.290 #
44) L9	AR-1268-4	9.825	8.495	27941698	94674789	159.259	146.703
45) L9	AR-1268-5	10.269	8.812	12234859	37010925	9.389	8.065

(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

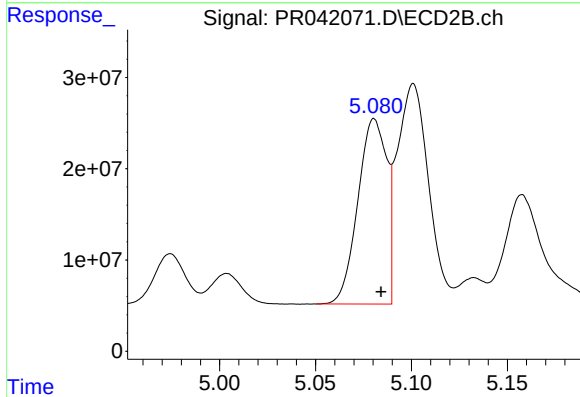




#3 AR-1016-1

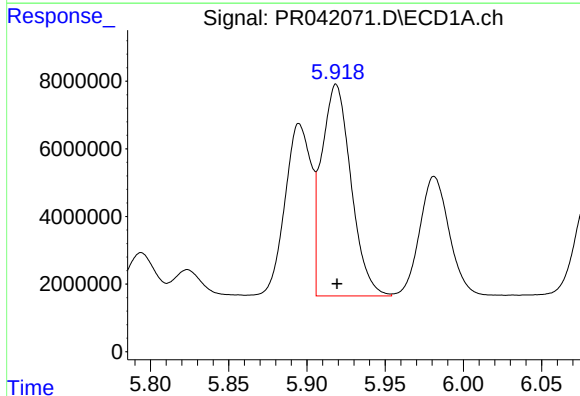
R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 59365875
Conc: 413.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



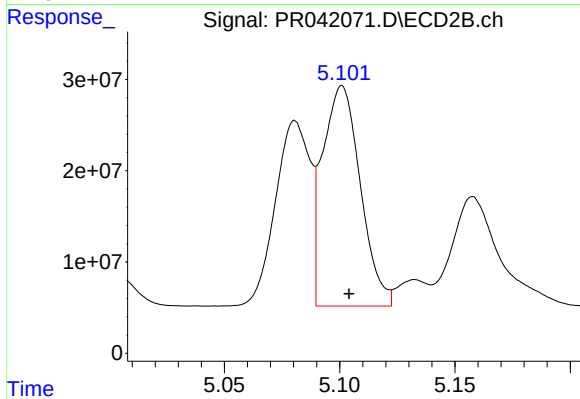
#3 AR-1016-1

R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 212386073
Conc: 390.71 ng/ml



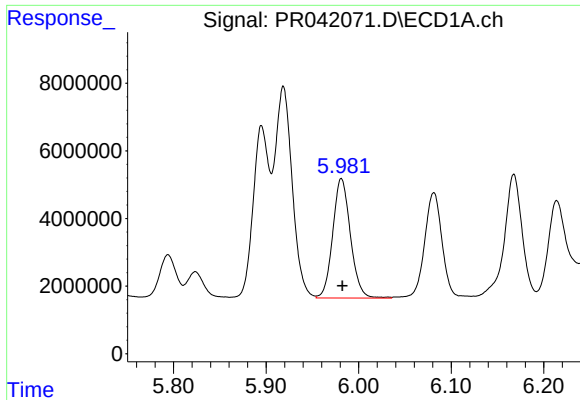
#4 AR-1016-2

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 81906747
Conc: 400.53 ng/ml



#4 AR-1016-2

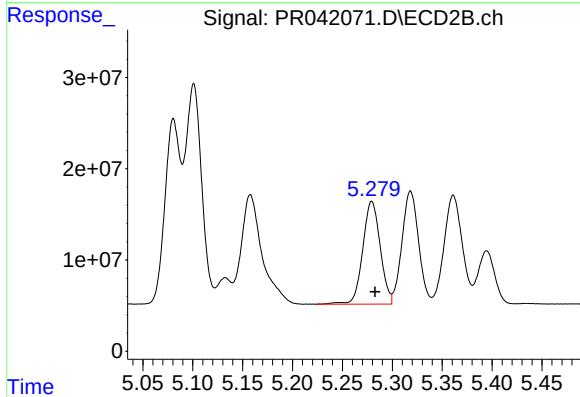
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 274971943
Conc: 380.97 ng/ml



#5 AR-1016-3

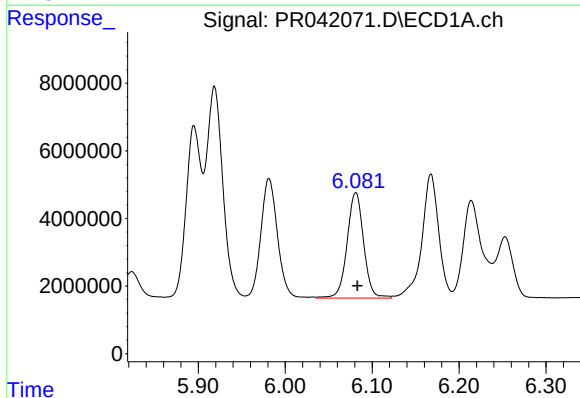
R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 46975510
Conc: 386.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



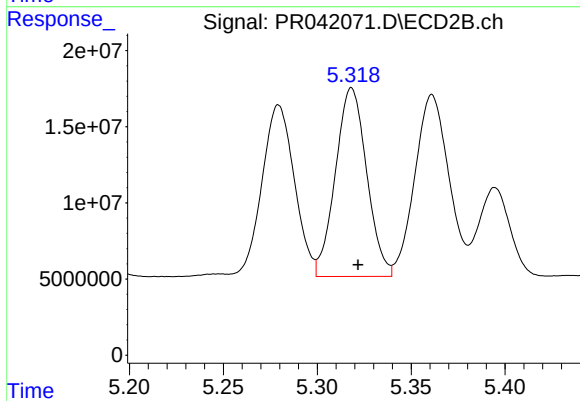
#5 AR-1016-3

R.T.: 5.279 min
Delta R.T.: -0.003 min
Response: 137394928
Conc: 376.79 ng/ml



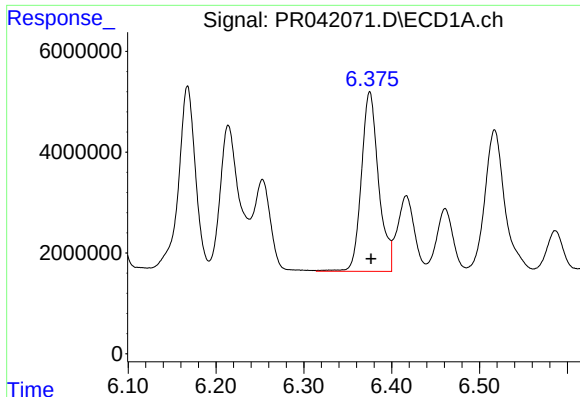
#6 AR-1016-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 41344927
Conc: 406.53 ng/ml



#6 AR-1016-4

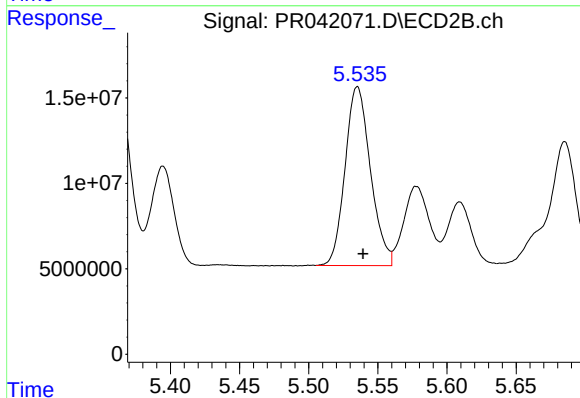
R.T.: 5.318 min
Delta R.T.: -0.003 min
Response: 143571816
Conc: 517.36 ng/ml



#7 AR-1016-5

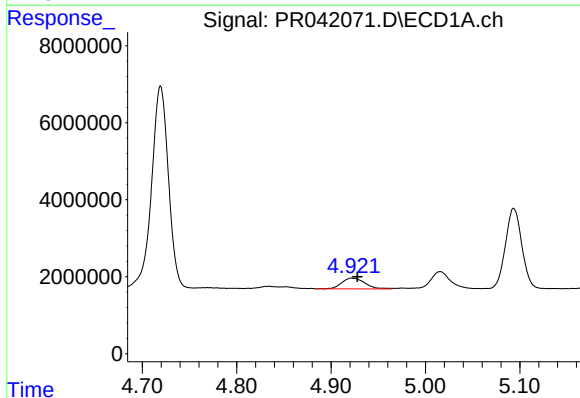
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 48567635
Conc: 487.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



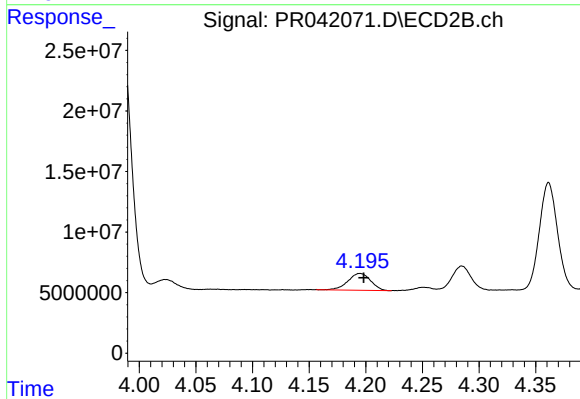
#7 AR-1016-5

R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 133648919
Conc: 432.22 ng/ml



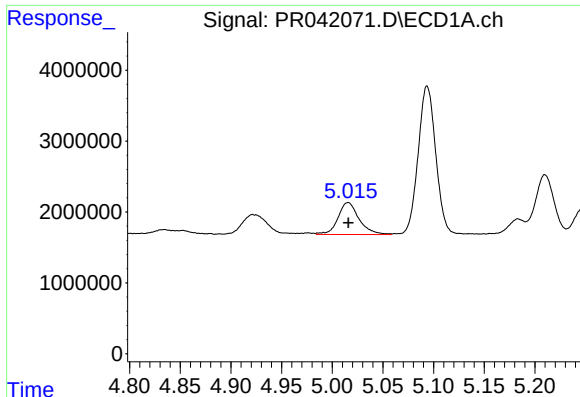
#8 AR-1221-1

R.T.: 4.922 min
Delta R.T.: -0.006 min
Response: 4763911
Conc: 116.04 ng/ml



#8 AR-1221-1

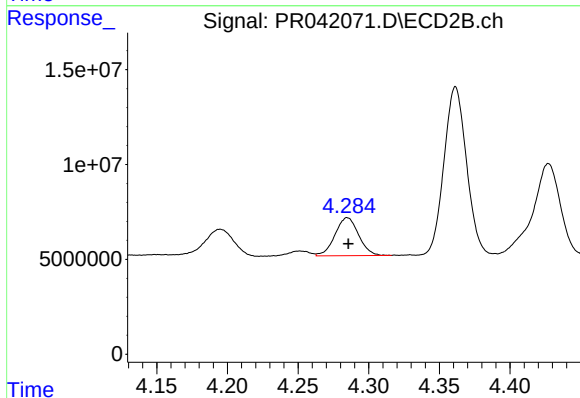
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 19429066
Conc: 115.01 ng/ml



#9 AR-1221-2

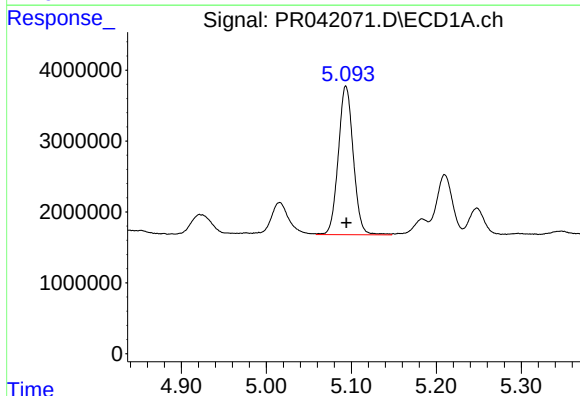
R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 6576338
Conc: 226.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



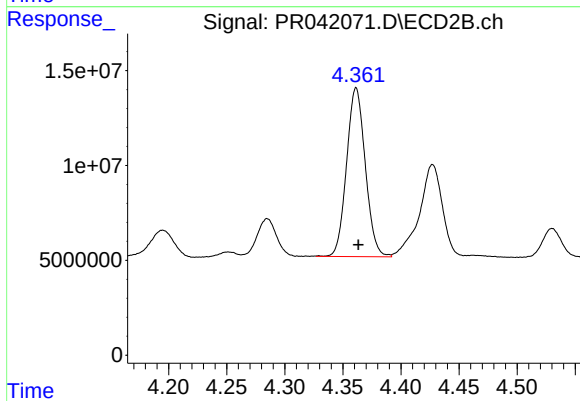
#9 AR-1221-2

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 23300868
Conc: 189.60 ng/ml



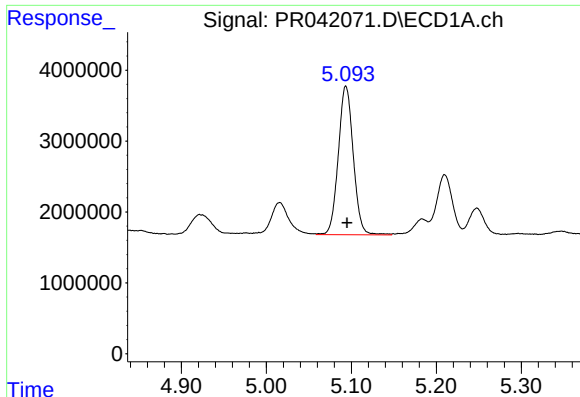
#10 AR-1221-3

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 25694611
Conc: 264.10 ng/ml



#10 AR-1221-3

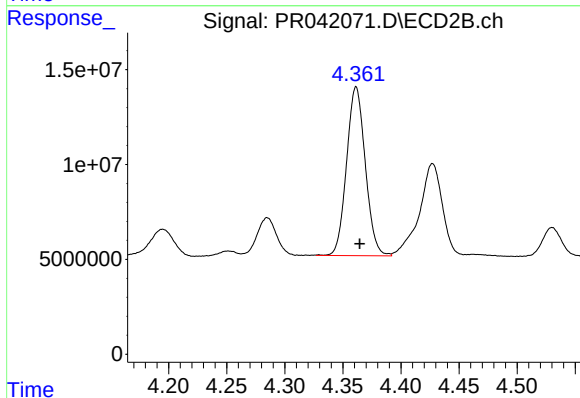
R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 99816979
Conc: 256.27 ng/ml



#11 AR-1232-1

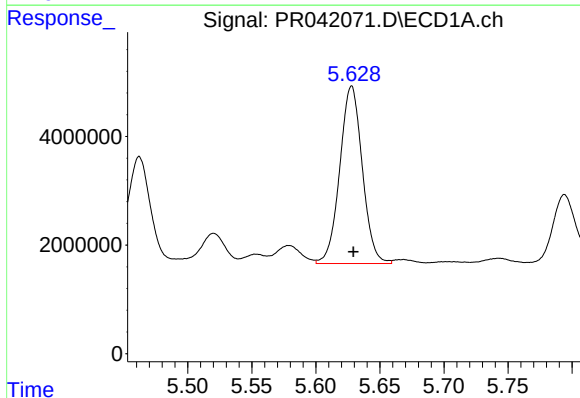
R.T.: 5.094 min
Delta R.T.: -0.001 min
Response: 25694611
Conc: 307.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



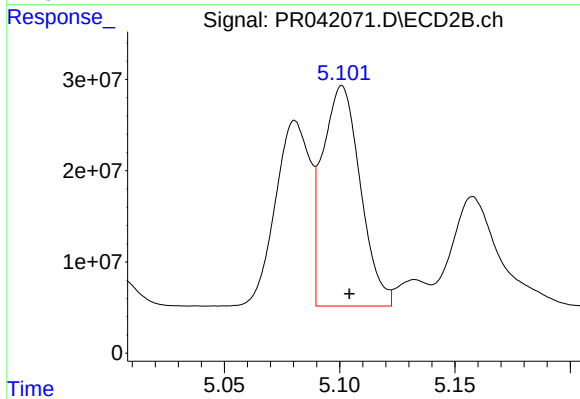
#11 AR-1232-1

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 99816979
Conc: 292.95 ng/ml



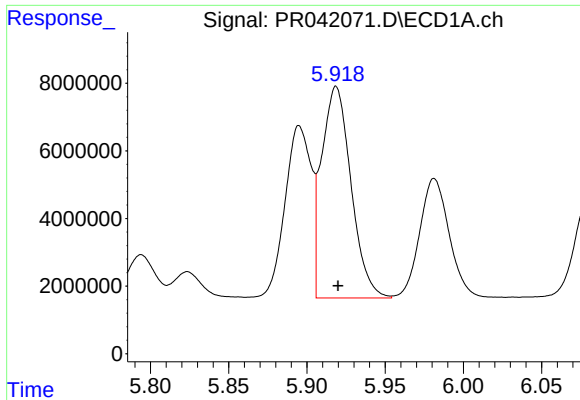
#12 AR-1232-2

R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 39959649
Conc: 927.59 ng/ml



#12 AR-1232-2

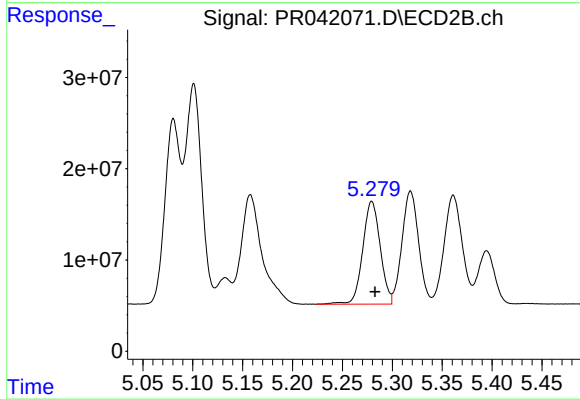
R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 274971943
Conc: 807.49 ng/ml



#13 AR-1232-3

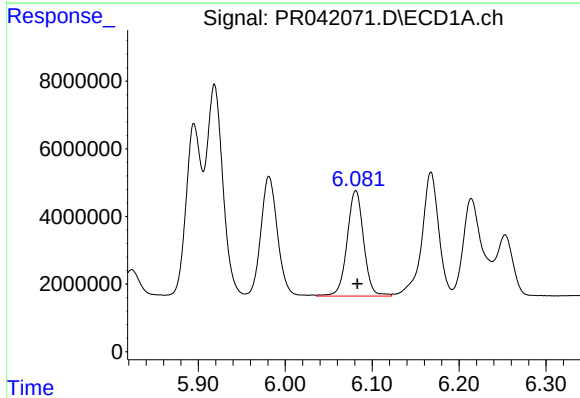
R.T.: 5.919 min
Delta R.T.: -0.001 min
Response: 81906747
Conc: 910.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



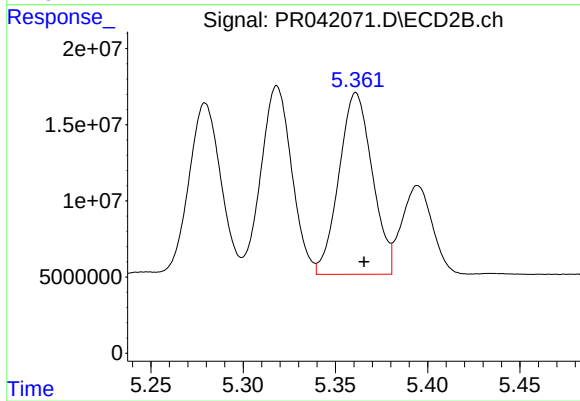
#13 AR-1232-3

R.T.: 5.279 min
Delta R.T.: -0.003 min
Response: 137394928
Conc: 815.82 ng/ml



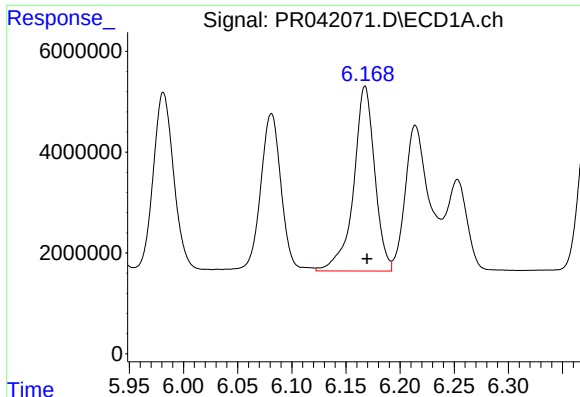
#14 AR-1232-4

R.T.: 6.081 min
Delta R.T.: -0.002 min
Response: 41344927
Conc: 929.02 ng/ml



#14 AR-1232-4

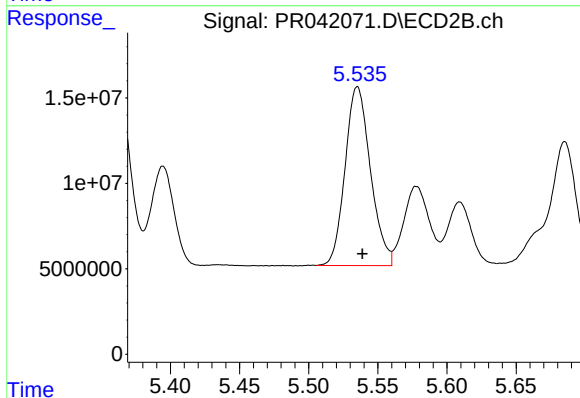
R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 149889553
Conc: 1052.31 ng/ml



#15 AR-1232-5

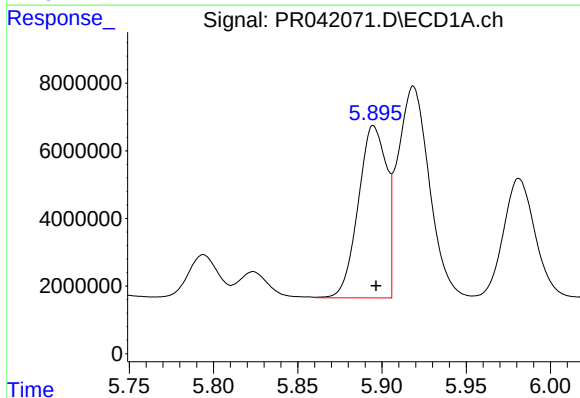
R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 49748161
Conc: 1514.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



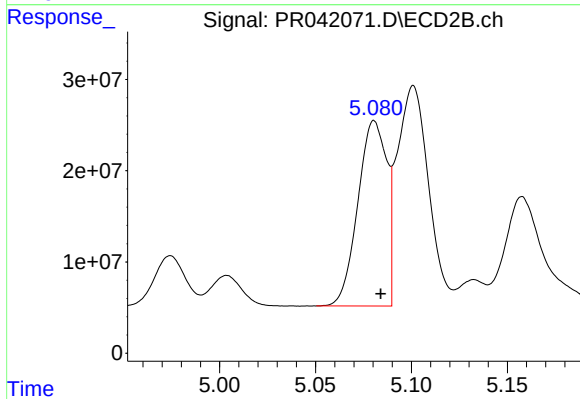
#15 AR-1232-5

R.T.: 5.535 min
Delta R.T.: -0.004 min
Response: 133648919
Conc: 991.82 ng/ml



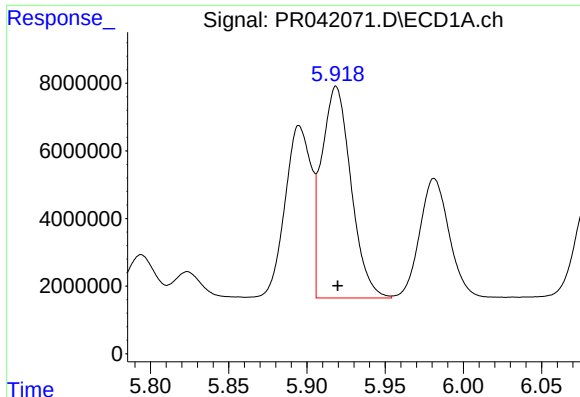
#16 AR-1242-1

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 59365875
Conc: 538.34 ng/ml



#16 AR-1242-1

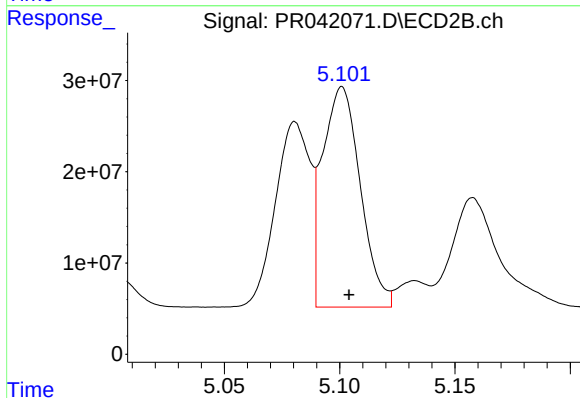
R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 212386073
Conc: 500.09 ng/ml



#17 AR-1242-2

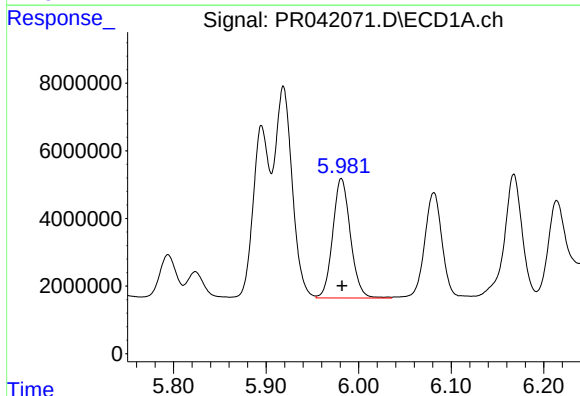
R.T.: 5.919 min
Delta R.T.: -0.001 min
Response: 81906747
Conc: 527.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



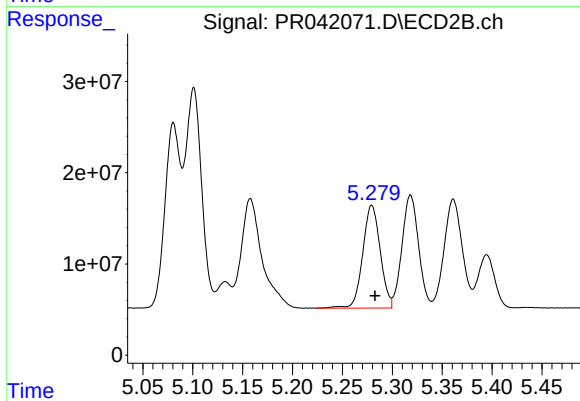
#17 AR-1242-2

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 274971943
Conc: 483.16 ng/ml



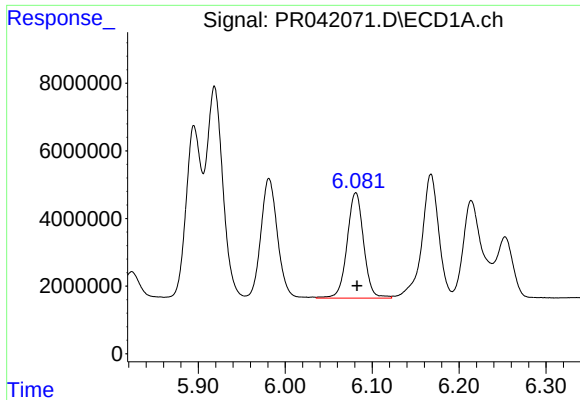
#18 AR-1242-3

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 46975510
Conc: 500.65 ng/ml



#18 AR-1242-3

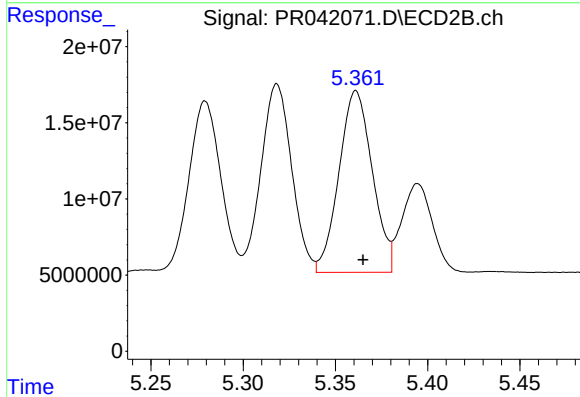
R.T.: 5.279 min
Delta R.T.: -0.003 min
Response: 137394928
Conc: 476.06 ng/ml



#19 AR-1242-4

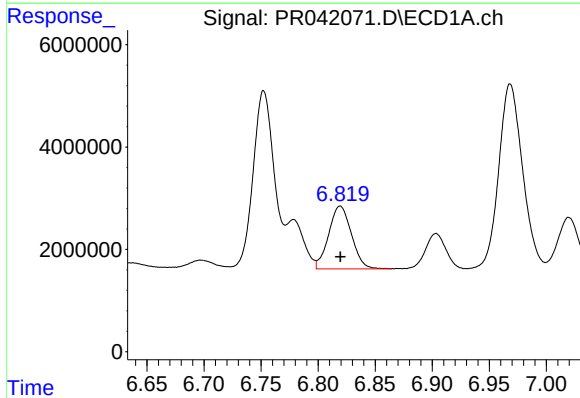
R.T.: 6.081 min
Delta R.T.: -0.001 min
Response: 41344927
Conc: 532.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



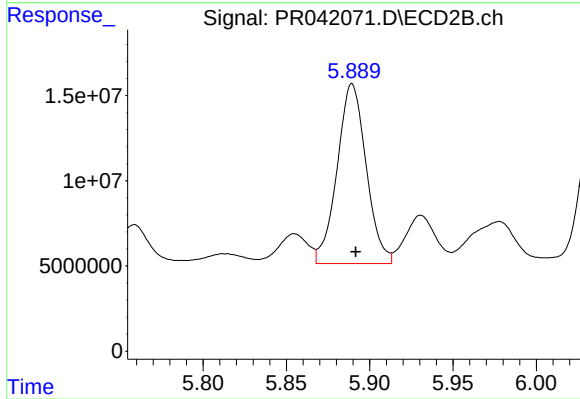
#19 AR-1242-4

R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 149889553
Conc: 575.79 ng/ml



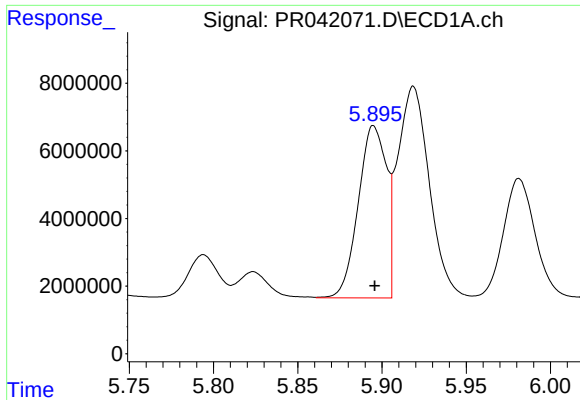
#20 AR-1242-5

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 17052449
Conc: 194.82 ng/ml



#20 AR-1242-5

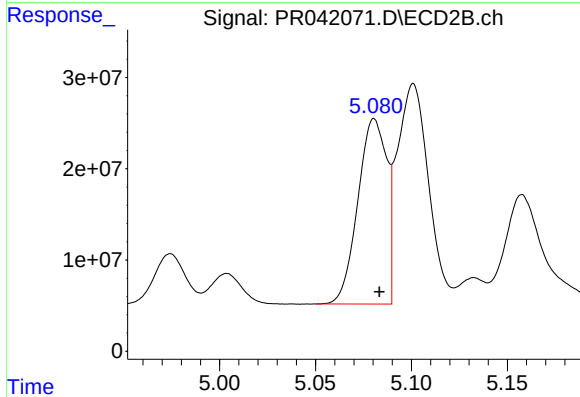
R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 128109221
Conc: 482.90 ng/ml



#21 AR-1248-1

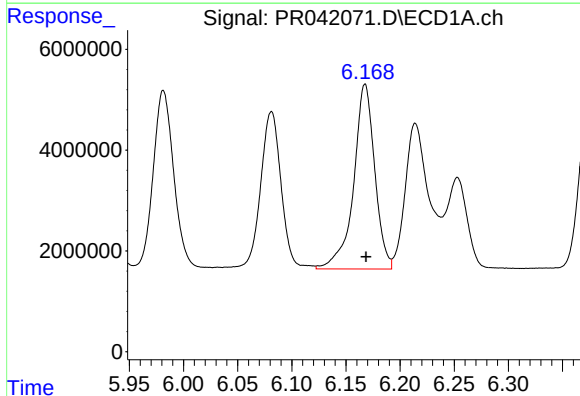
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 59365875
Conc: 713.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



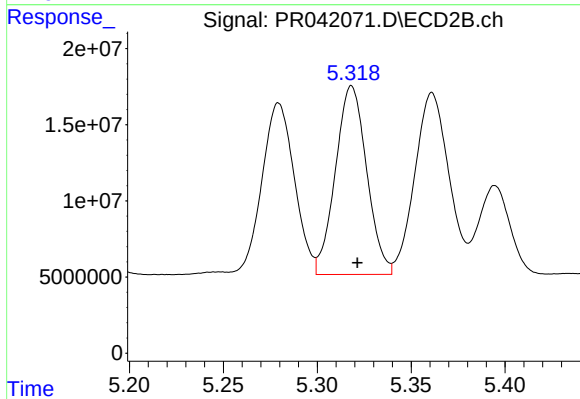
#21 AR-1248-1

R.T.: 5.081 min
Delta R.T.: -0.003 min
Response: 212386073
Conc: 651.61 ng/ml



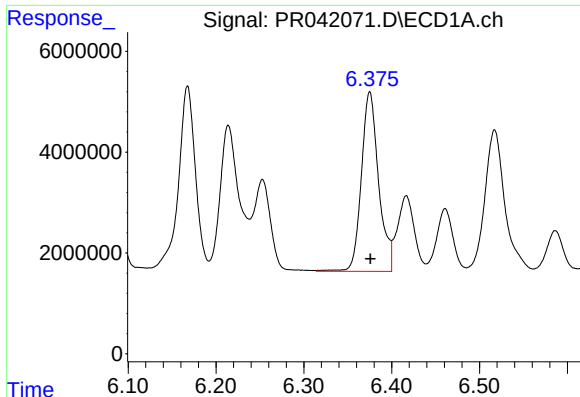
#22 AR-1248-2

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 49748161
Conc: 433.52 ng/ml



#22 AR-1248-2

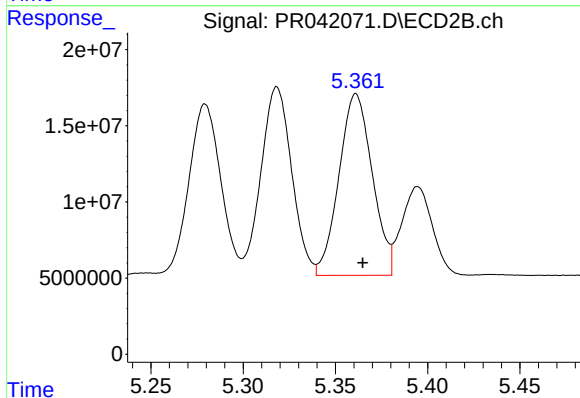
R.T.: 5.318 min
Delta R.T.: -0.003 min
Response: 143571816
Conc: 385.46 ng/ml



#23 AR-1248-3

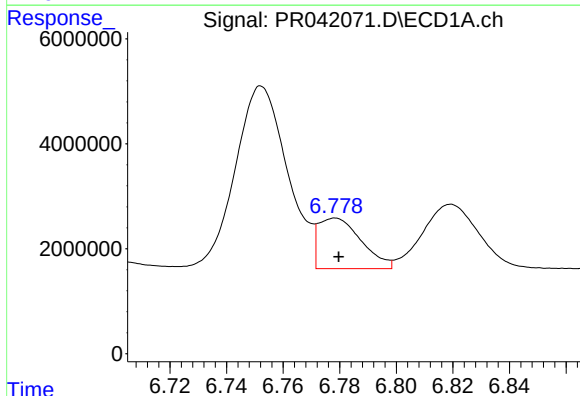
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 48567635
Conc: 374.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



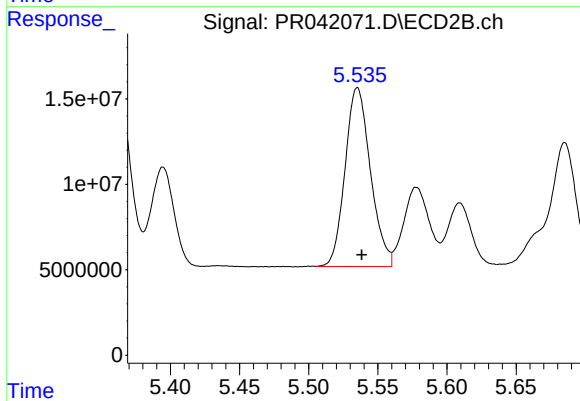
#23 AR-1248-3

R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 149889553
Conc: 400.43 ng/ml



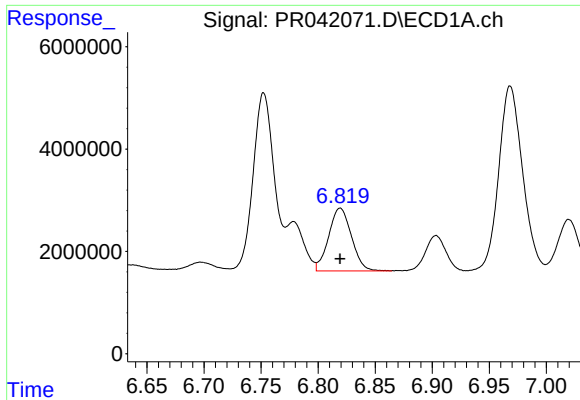
#24 AR-1248-4

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 10147734
Conc: 66.13 ng/ml



#24 AR-1248-4

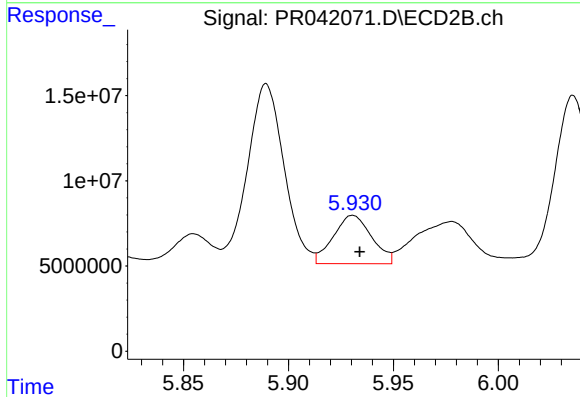
R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 133648919
Conc: 335.57 ng/ml



#25 AR-1248-5

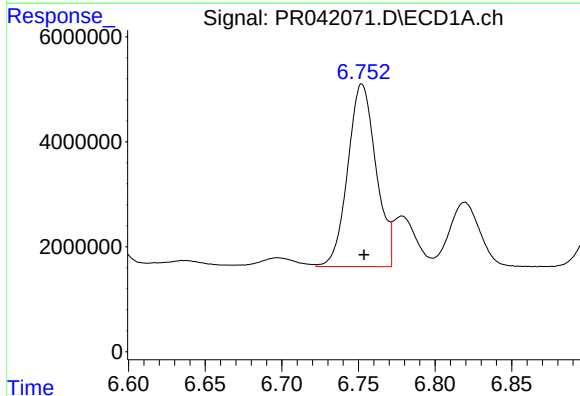
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 17052449
Conc: 117.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



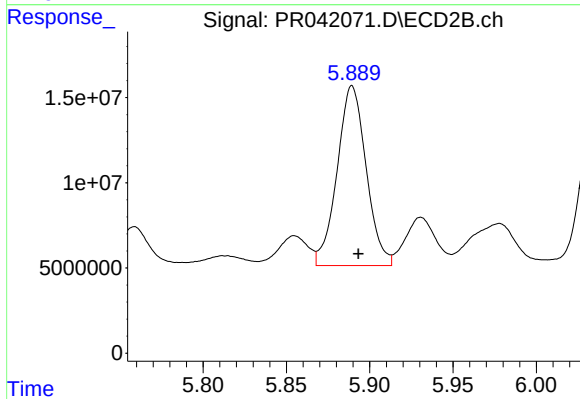
#25 AR-1248-5

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 36141127
Conc: 103.48 ng/ml



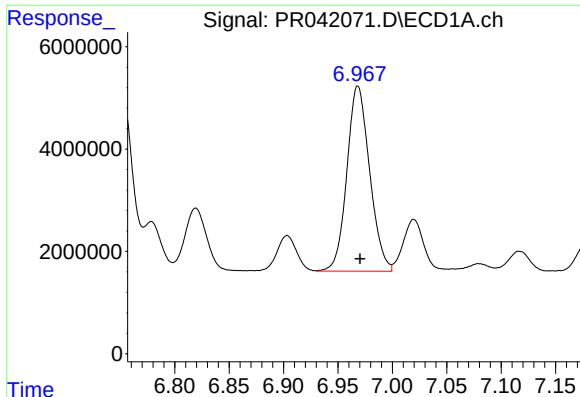
#26 AR-1254-1

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 44663338
Conc: 273.48 ng/ml



#26 AR-1254-1

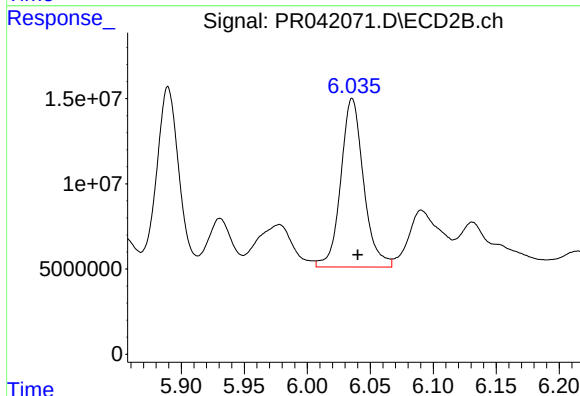
R.T.: 5.889 min
Delta R.T.: -0.004 min
Response: 128109221
Conc: 241.84 ng/ml



#27 AR-1254-2

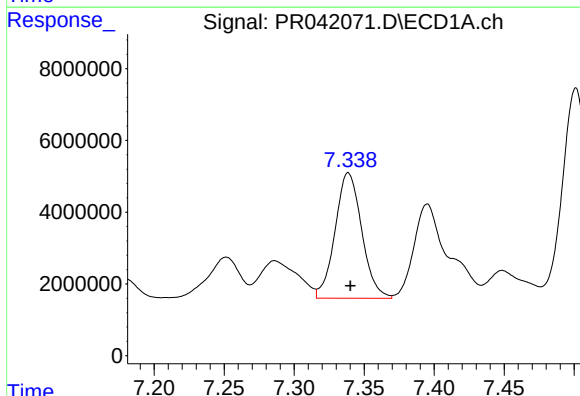
R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 52672480
Conc: 212.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



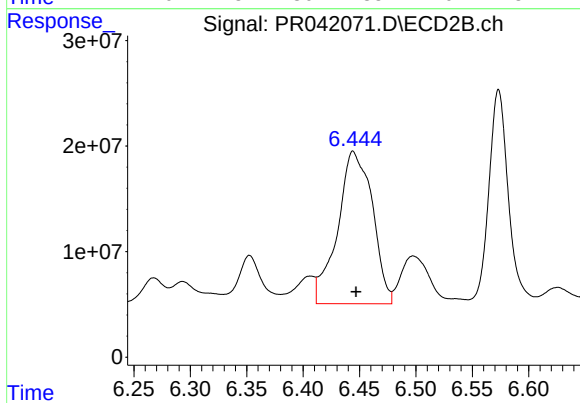
#27 AR-1254-2

R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 124351967
Conc: 248.03 ng/ml



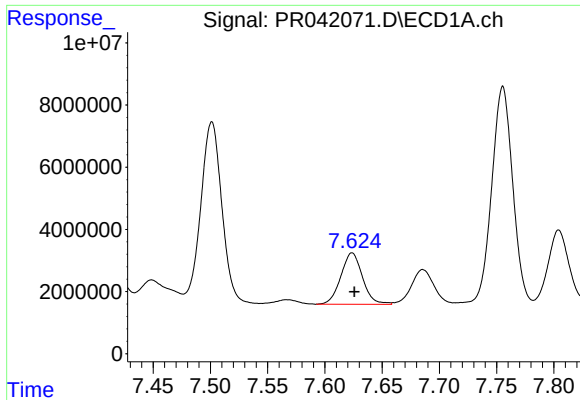
#28 AR-1254-3

R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 46400004
Conc: 171.94 ng/ml



#28 AR-1254-3

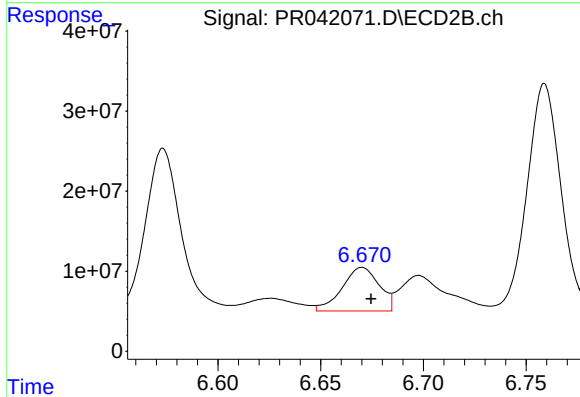
R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 310138106
Conc: 328.73 ng/ml



#29 AR-1254-4

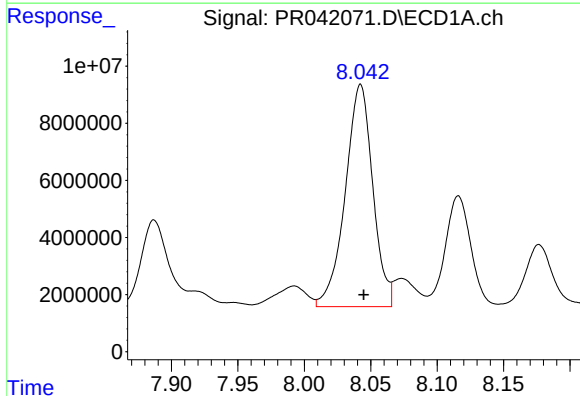
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 21724623
Conc: 107.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



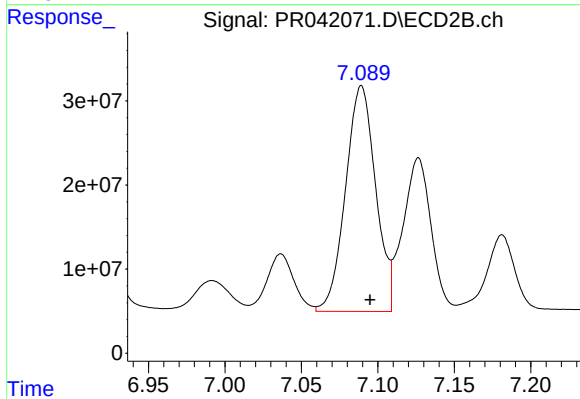
#29 AR-1254-4

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 68312074
Conc: 103.18 ng/ml



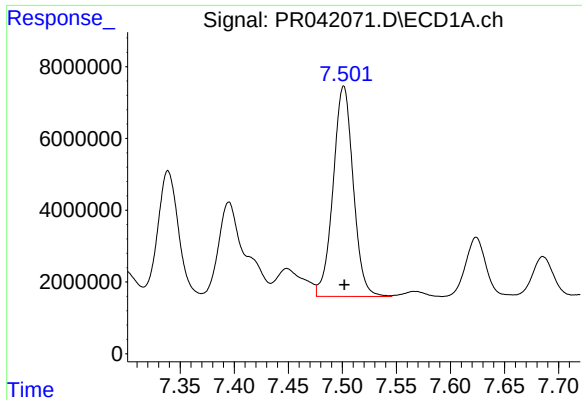
#30 AR-1254-5

R.T.: 8.042 min
Delta R.T.: -0.002 min
Response: 112235278
Conc: 527.78 ng/ml



#30 AR-1254-5

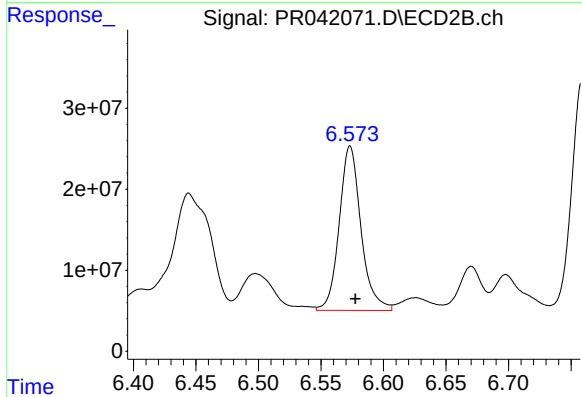
R.T.: 7.089 min
Delta R.T.: -0.006 min
Response: 368154921
Conc: 428.76 ng/ml



#31 AR-1260-1

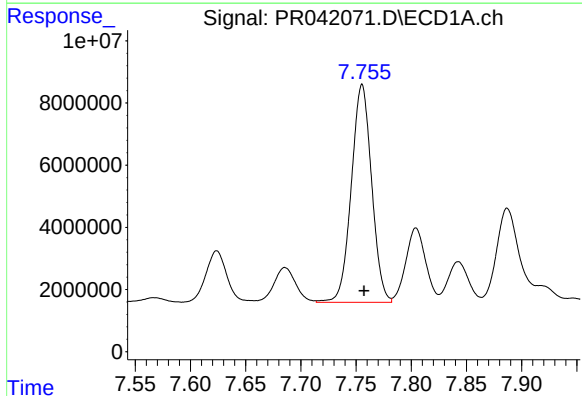
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 75970747
Conc: 400.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



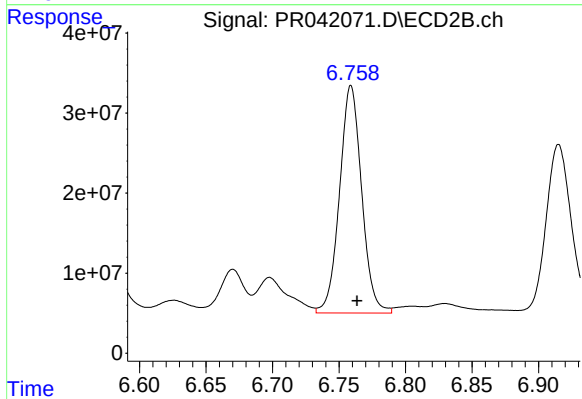
#31 AR-1260-1

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 246111148
Conc: 415.19 ng/ml



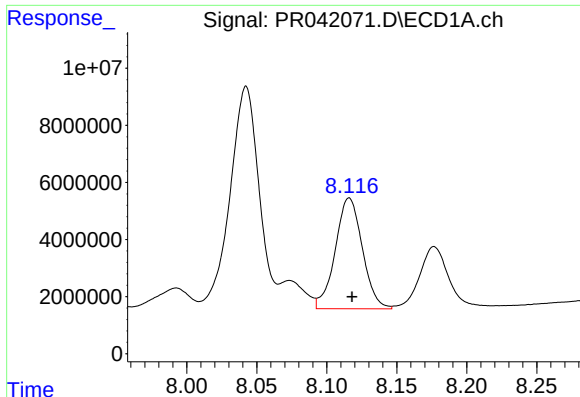
#32 AR-1260-2

R.T.: 7.755 min
Delta R.T.: -0.002 min
Response: 89905850
Conc: 380.37 ng/ml



#32 AR-1260-2

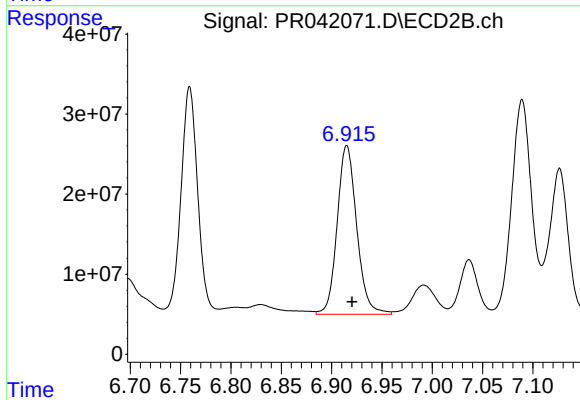
R.T.: 6.759 min
Delta R.T.: -0.005 min
Response: 329342419
Conc: 403.96 ng/ml



#33 AR-1260-3

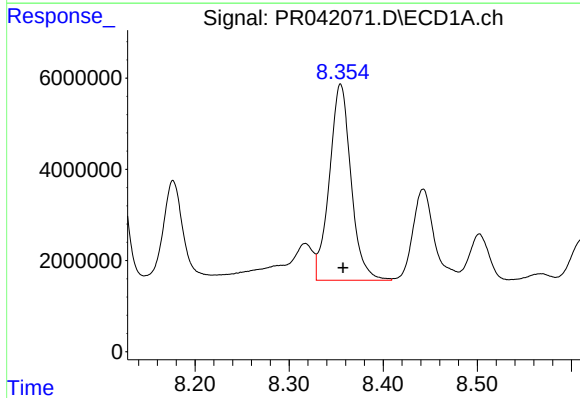
R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 52335870
Conc: 278.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



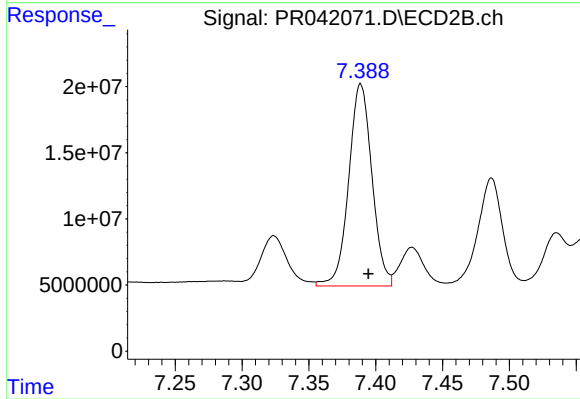
#33 AR-1260-3

R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 285186829
Conc: 412.53 ng/ml



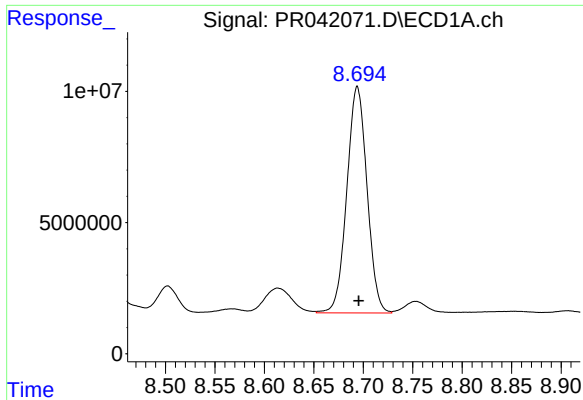
#34 AR-1260-4

R.T.: 8.355 min
Delta R.T.: -0.003 min
Response: 68739913
Conc: 342.05 ng/ml



#34 AR-1260-4

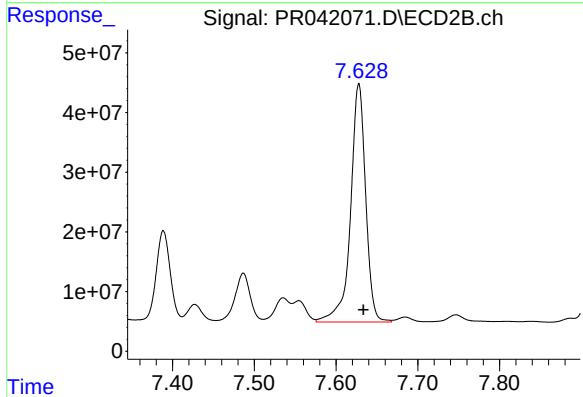
R.T.: 7.389 min
Delta R.T.: -0.006 min
Response: 184984882
Conc: 318.78 ng/ml



#35 AR-1260-5

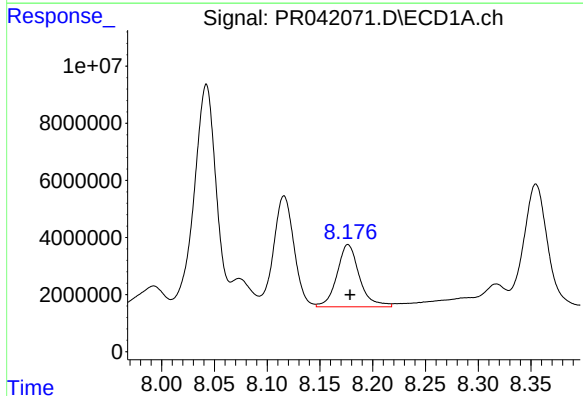
R.T.: 8.694 min
Delta R.T.: -0.001 min
Response: 122603633
Conc: 283.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



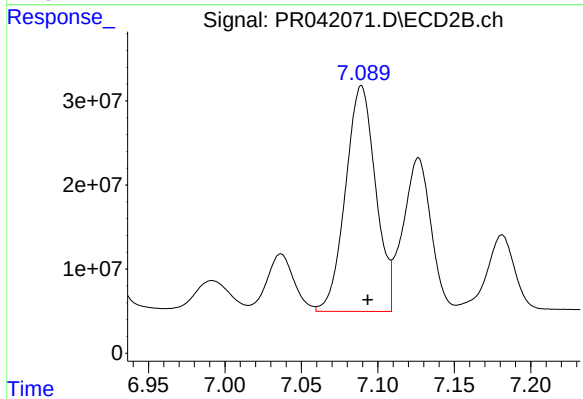
#35 AR-1260-5

R.T.: 7.628 min
Delta R.T.: -0.006 min
Response: 512788783
Conc: 315.40 ng/ml



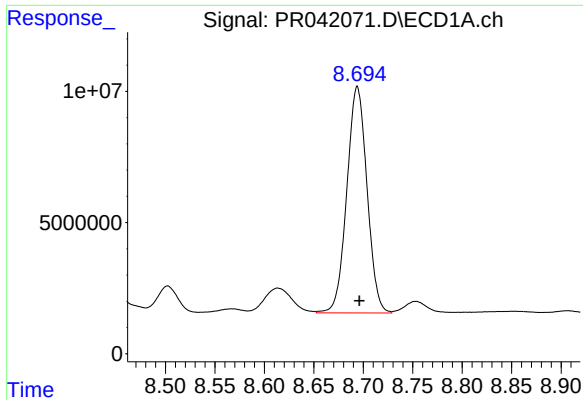
#36 AR-1262-1

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 32319662
Conc: 343.35 ng/ml



#36 AR-1262-1

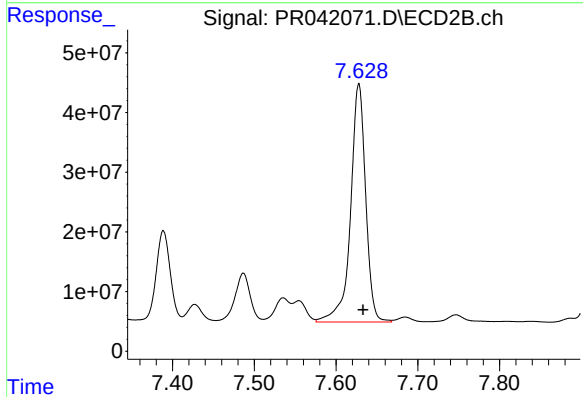
R.T.: 7.089 min
Delta R.T.: -0.004 min
Response: 368154921
Conc: 844.81 ng/ml



#37 AR-1262-2

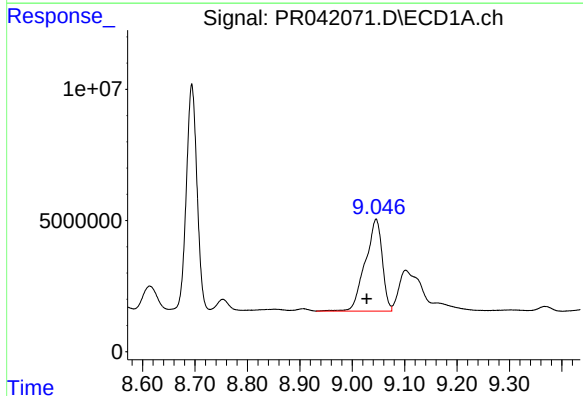
R.T.: 8.694 min
Delta R.T.: -0.002 min
Response: 122603633
Conc: 284.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



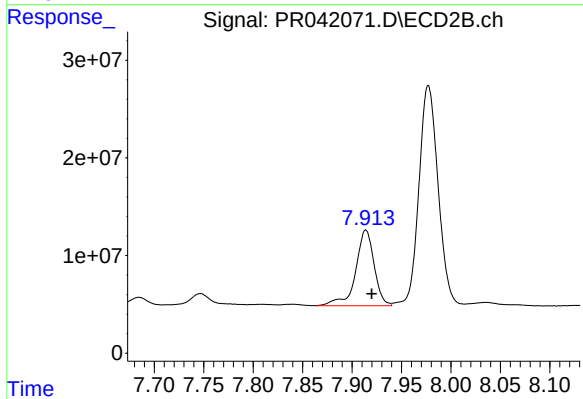
#37 AR-1262-2

R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 512788783
Conc: 297.87 ng/ml



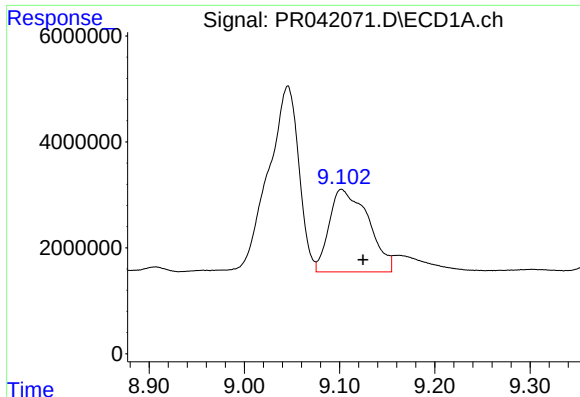
#38 AR-1262-3

R.T.: 9.046 min
Delta R.T.: 0.018 min
Response: 78933227
Conc: 283.17 ng/ml



#38 AR-1262-3

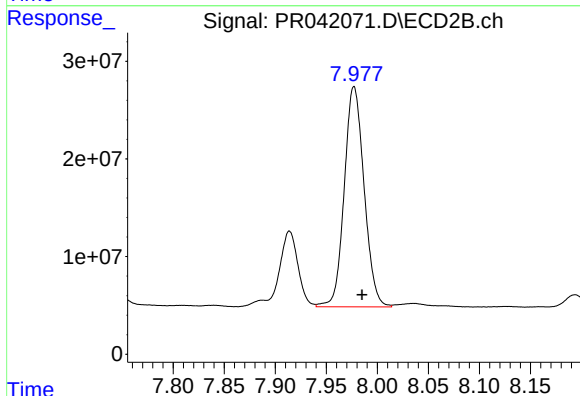
R.T.: 7.914 min
Delta R.T.: -0.006 min
Response: 100951348
Conc: 154.66 ng/ml



#39 AR-1262-4

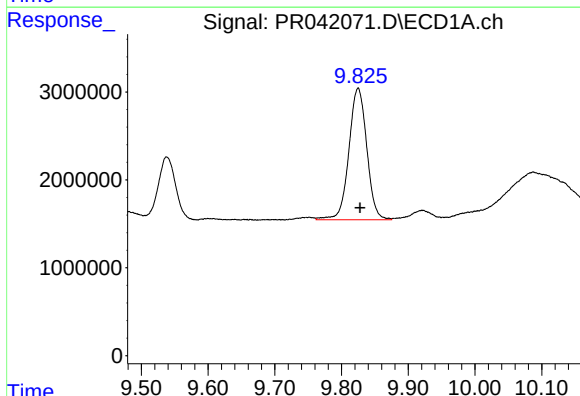
R.T.: 9.102 min
Delta R.T.: -0.023 min
Response: 44395666
Conc: 216.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



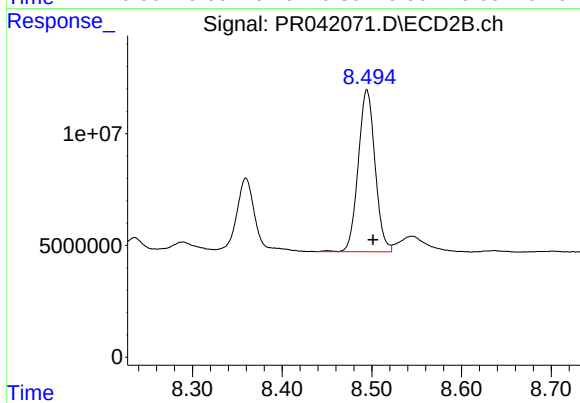
#39 AR-1262-4

R.T.: 7.977 min
Delta R.T.: -0.008 min
Response: 305344953
Conc: 261.30 ng/ml



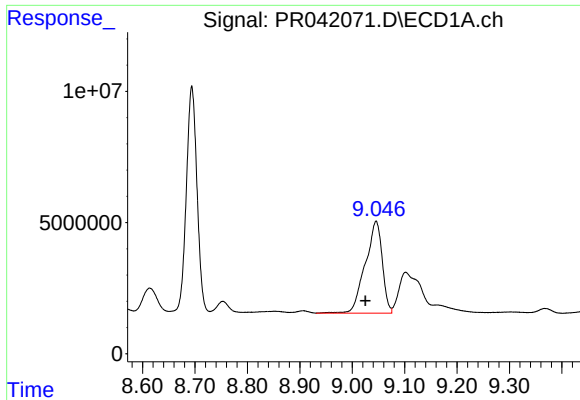
#40 AR-1262-5

R.T.: 9.825 min
Delta R.T.: -0.003 min
Response: 27941698
Conc: 193.70 ng/ml



#40 AR-1262-5

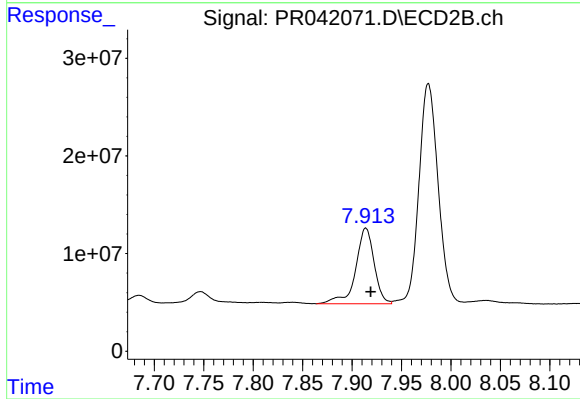
R.T.: 8.495 min
Delta R.T.: -0.007 min
Response: 94674789
Conc: 176.99 ng/ml



#41 AR-1268-1

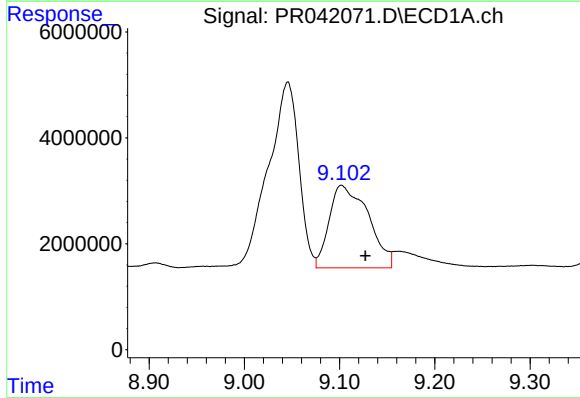
R.T.: 9.046 min
Delta R.T.: 0.020 min
Response: 78933227
Conc: 143.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



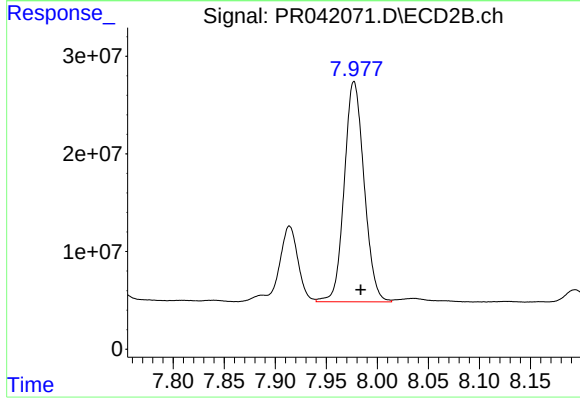
#41 AR-1268-1

R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 100951348
Conc: 46.04 ng/ml



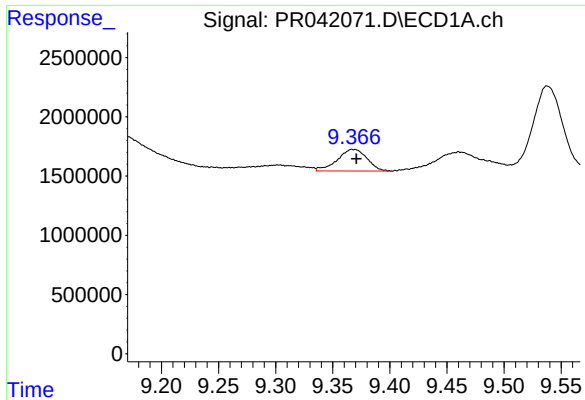
#42 AR-1268-2

R.T.: 9.102 min
Delta R.T.: -0.025 min
Response: 44395666
Conc: 89.30 ng/ml



#42 AR-1268-2

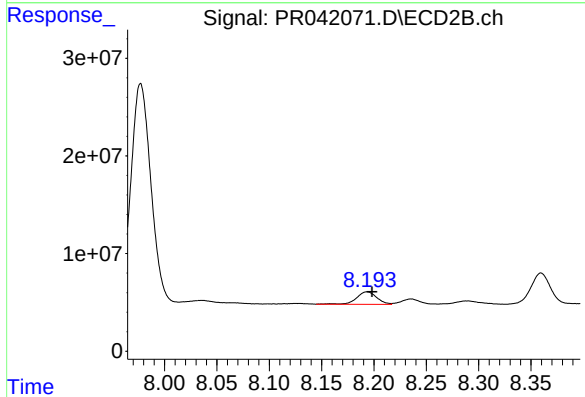
R.T.: 7.977 min
Delta R.T.: -0.006 min
Response: 305344953
Conc: 153.45 ng/ml



#43 AR-1268-3

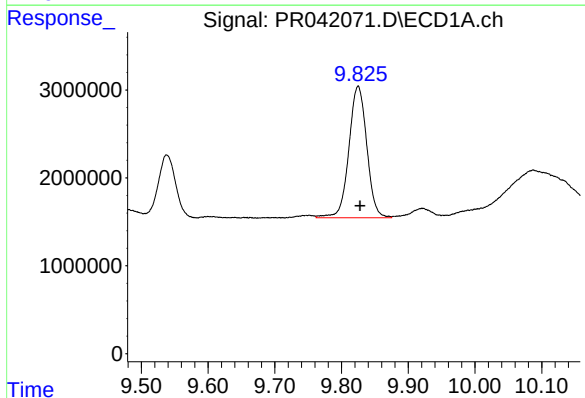
R.T.: 9.368 min
Delta R.T.: -0.003 min
Response: 3309999
Conc: 8.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



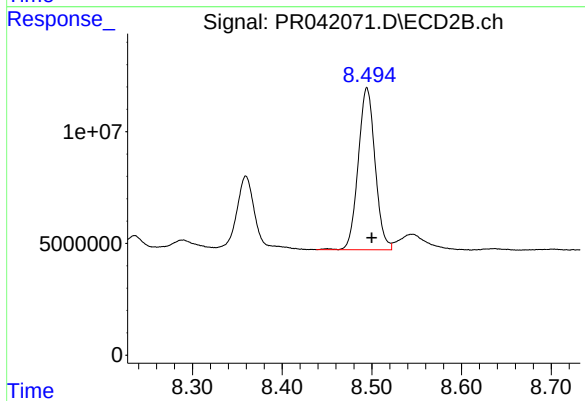
#43 AR-1268-3

R.T.: 8.194 min
Delta R.T.: -0.005 min
Response: 17244370
Conc: 10.29 ng/ml



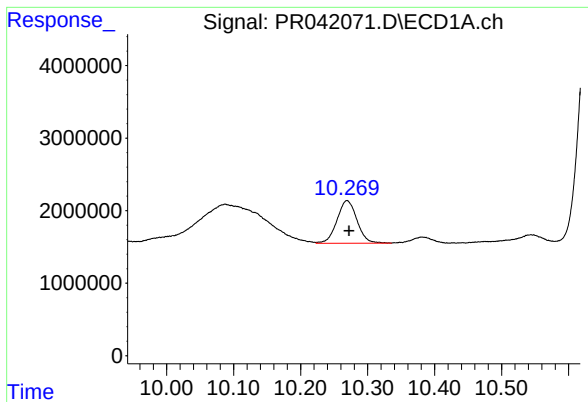
#44 AR-1268-4

R.T.: 9.825 min
Delta R.T.: -0.003 min
Response: 27941698
Conc: 159.26 ng/ml



#44 AR-1268-4

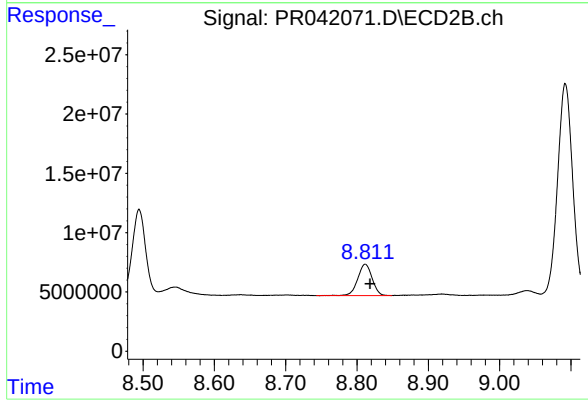
R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 94674789
Conc: 146.70 ng/ml



#45 AR-1268-5

R.T.: 10.269 min
Delta R.T.: -0.003 min
Response: 12234859
Conc: 9.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.812 min
Delta R.T.: -0.007 min
Response: 37010925
Conc: 8.07 ng/ml