

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051398.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 09:20
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:18:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.630	3.807	387.9E6	340.1E6	47.465	45.742
2)	SA Decachlor...	10.508	8.833	446.9E6	328.1E6	46.527	41.036
Target Compounds							
3)	L1 AR-1016-1	5.813	4.893	162.5E6	126.0E6	447.799	428.334
4)	L1 AR-1016-2	5.836	4.912	235.0E6	184.5E6	452.947	437.041
5)	L1 AR-1016-3	5.898	5.088	136.9E6	95352597	451.094	428.298
6)	L1 AR-1016-4	5.999	5.129	115.8E6	71315594	450.570	421.068
7)	L1 AR-1016-5	6.293	5.343	111.3E6	96005441	449.217	434.269
8)	L2 AR-1221-1	4.839	4.018	12175840	10521987	138.239	143.332
9)	L2 AR-1221-2	4.933	4.106	16066008	15722424	238.872	266.581
10)	L2 AR-1221-3	5.010	4.181	64852812	59299504	301.690	311.659
11)	L3 AR-1232-1	5.010	4.181	64852812	59299504	359.202	367.238
12)	L3 AR-1232-2	5.544	4.912	105.4E6	184.5E6	1083.900	1100.748
13)	L3 AR-1232-3	5.836	5.088	235.0E6	95352597	1124.144	1094.156
14)	L3 AR-1232-4	5.999	5.172	115.8E6	87422454	1121.244	1188.523
15)	L3 AR-1232-5	6.085	5.343	97429171	96005441	1297.187	1179.948
16)	L4 AR-1242-1	5.813	4.893	162.5E6	126.0E6	634.763	608.131
17)	L4 AR-1242-2	5.836	4.912	235.0E6	184.5E6	621.614	608.521
18)	L4 AR-1242-3	5.898	5.088	136.9E6	95352597	622.188	597.463
19)	L4 AR-1242-4	5.999	5.172	115.8E6	87422454	621.016	591.659
20)	L4 AR-1242-5	6.738	5.694	18440459	69782440	84.248	347.986 #
21)	L5 AR-1248-1	5.813	4.893	162.5E6	126.0E6	770.454	738.773
22)	L5 AR-1248-2	6.085	5.129	97429171	71315594	332.766	311.365
23)	L5 AR-1248-3	6.293	5.172	111.3E6	87422454	333.030	367.244
24)	L5 AR-1248-4	6.698	5.343	21104151	96005441	50.765	334.607 #
25)	L5 AR-1248-5	6.738	5.733	18440459	13492137	46.228	44.021
26)	L6 AR-1254-1	6.670	5.694	79962244	69782440	225.604	169.894
27)	L6 AR-1254-2	6.887	5.840	86682418	62127270	154.209	178.588
28)	L6 AR-1254-3	7.259	6.257	50769343	149.6E6	84.805	248.231 #
29)	L6 AR-1254-4	7.544	6.470	40270603	18658190	81.921	49.695 #
30)	L6 AR-1254-5	7.964	6.886	302.9E6	242.5E6	639.400	469.356 #
31)	L7 AR-1260-1	7.419	6.373	203.6E6	171.7E6	426.778	416.522
32)	L7 AR-1260-2	7.676	6.559	274.8E6	211.3E6	435.074	418.005
33)	L7 AR-1260-3	8.036	6.713	222.7E6	200.4E6	445.398	409.306
34)	L7 AR-1260-4	8.271	7.184	223.1E6	170.5E6	435.553	417.049
35)	L7 AR-1260-5	8.607	7.424	532.9E6	434.7E6	462.415	414.747
36)	L8 AR-1262-1	8.036	6.886	222.7E6	242.5E6	339.191	876.678 #
37)	L8 AR-1262-2	8.607	7.424	532.9E6	434.7E6	443.644	427.994
38)	L8 AR-1262-3	8.931	7.708	118.1E6	92168698	154.883	250.532 #
39)	L8 AR-1262-4	9.010f	7.770	202.9E6	315.3E6	348.358	432.592
40)	L8 AR-1262-5	9.722	8.270	152.9E6	112.3E6	363.803	344.211
41)	L9 AR-1268-1	8.931	7.708	118.1E6	92168698	83.557	85.567

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
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 Acq On : 28 Jul 2021 09:20
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

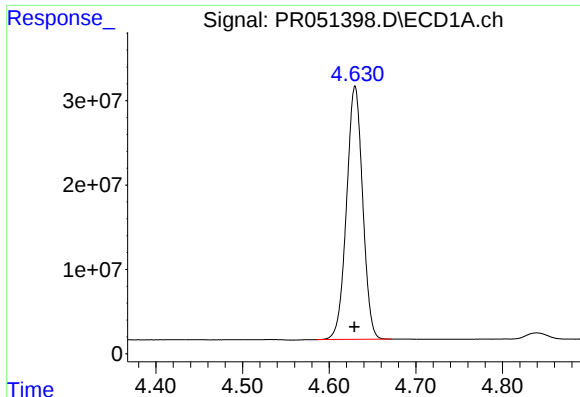
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:18:56 2021
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.010f	7.770	202.9E6	315.3E6	158.892	316.641 #
43) L9	AR-1268-3	9.266	7.979	8122534	5702459	7.276	6.932
44) L9	AR-1268-4	9.722	8.270	152.9E6	112.3E6	337.135	316.306
45) L9	AR-1268-5	10.156	8.570	40794016	30609912	11.153	11.014

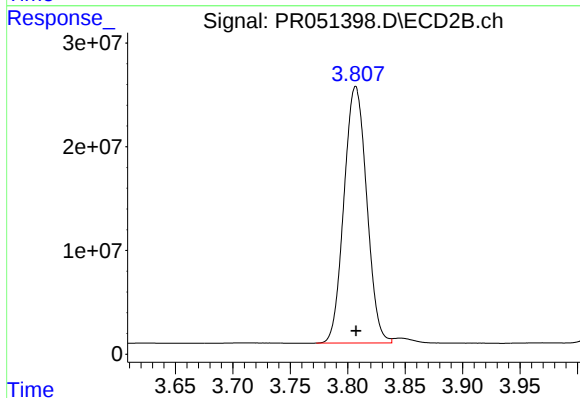
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

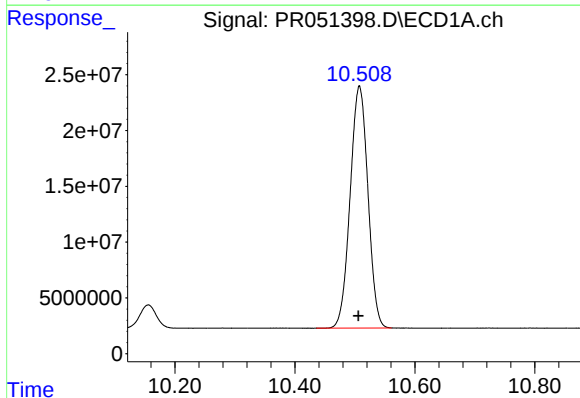
R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 387931722
Conc: 47.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



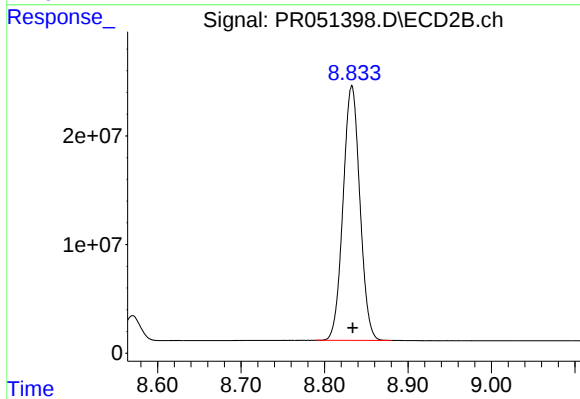
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 340123443
Conc: 45.74 ng/ml



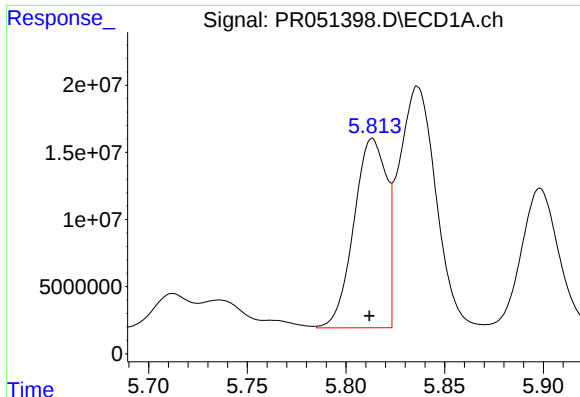
#2 Decachlorobiphenyl

R.T.: 10.508 min
Delta R.T.: 0.002 min
Response: 446911127
Conc: 46.53 ng/ml



#2 Decachlorobiphenyl

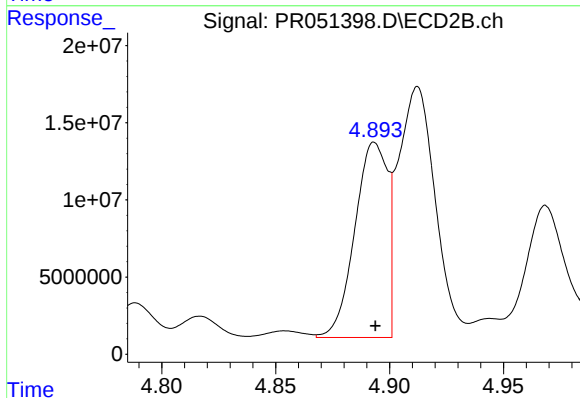
R.T.: 8.833 min
Delta R.T.: 0.000 min
Response: 328100057
Conc: 41.04 ng/ml



#3 AR-1016-1

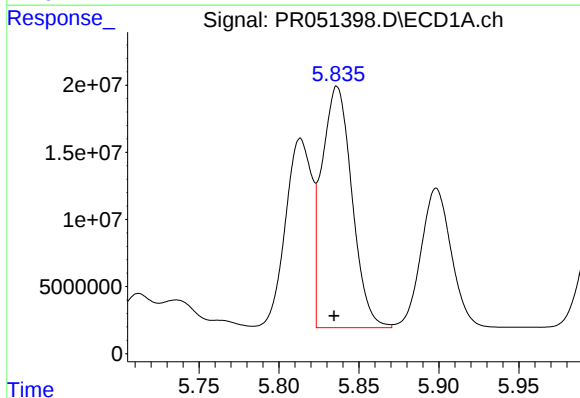
R.T.: 5.813 min
Delta R.T.: 0.002 min
Response: 162466860
Conc: 447.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



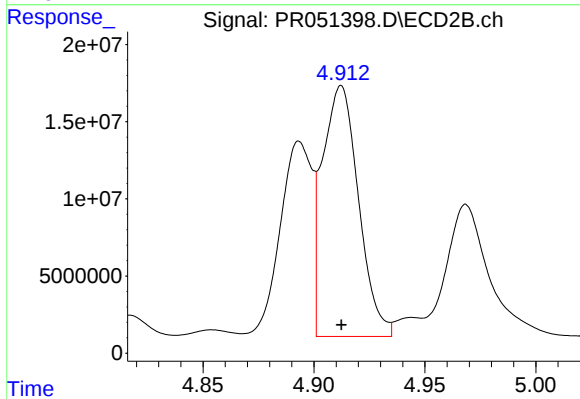
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 126035162
Conc: 428.33 ng/ml



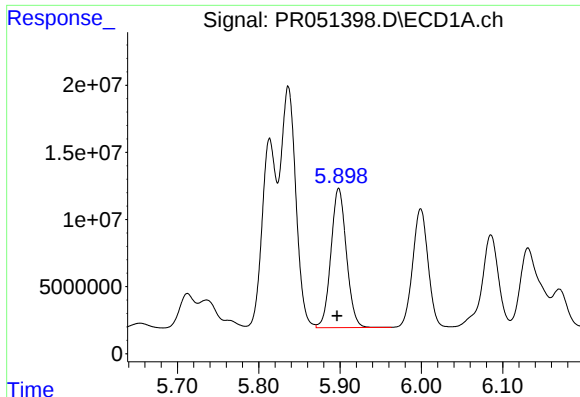
#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: 0.002 min
Response: 234997844
Conc: 452.95 ng/ml



#4 AR-1016-2

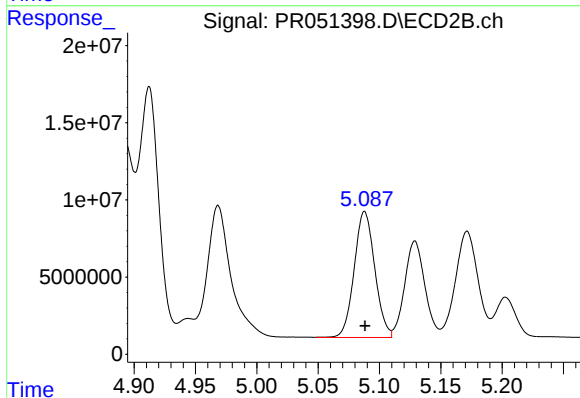
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 184524783
Conc: 437.04 ng/ml



#5 AR-1016-3

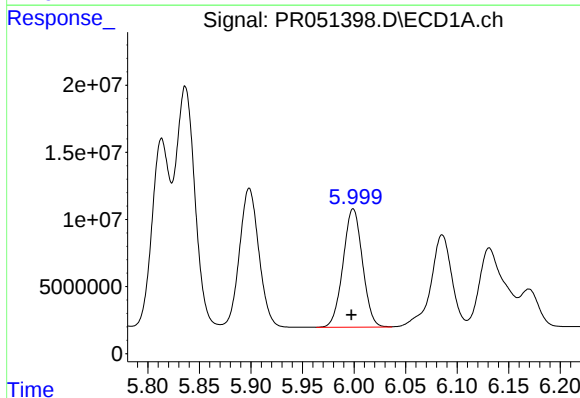
R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 136876927
Conc: 451.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



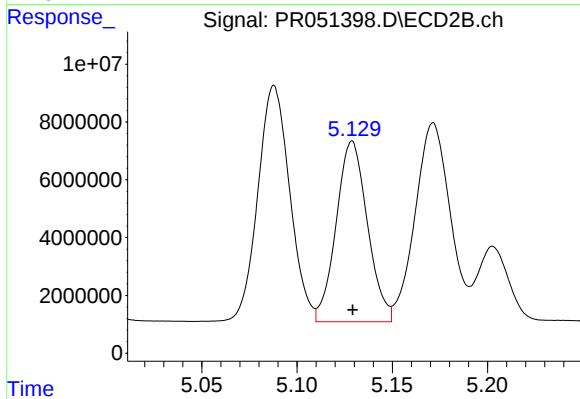
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 95352597
Conc: 428.30 ng/ml



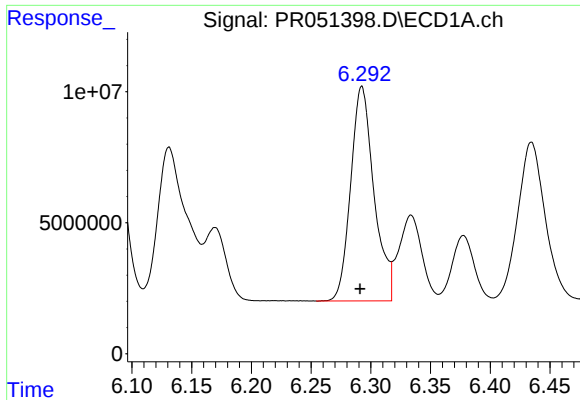
#6 AR-1016-4

R.T.: 5.999 min
Delta R.T.: 0.002 min
Response: 115770448
Conc: 450.57 ng/ml



#6 AR-1016-4

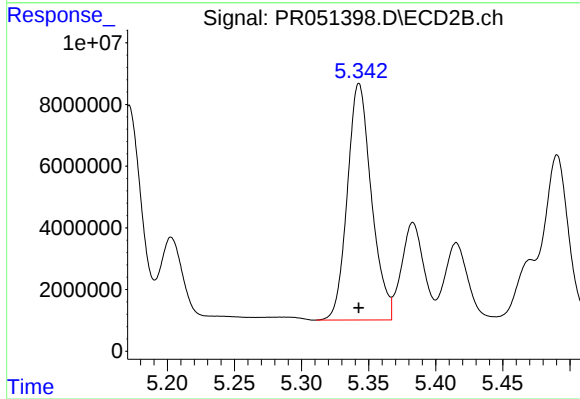
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 71315594
Conc: 421.07 ng/ml



#7 AR-1016-5

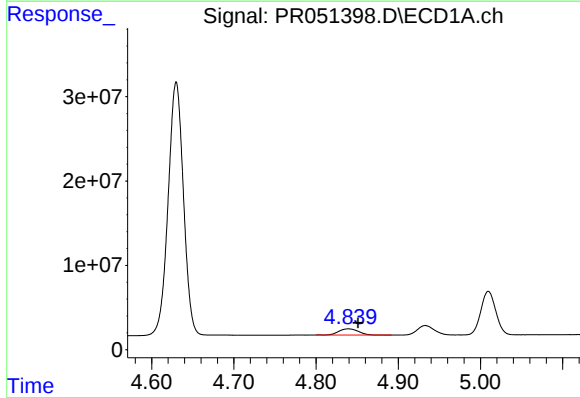
R.T.: 6.293 min
Delta R.T.: 0.002 min
Response: 111295179
Conc: 449.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



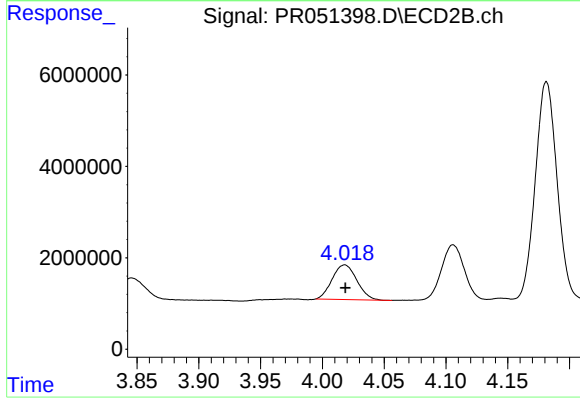
#7 AR-1016-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 96005441
Conc: 434.27 ng/ml



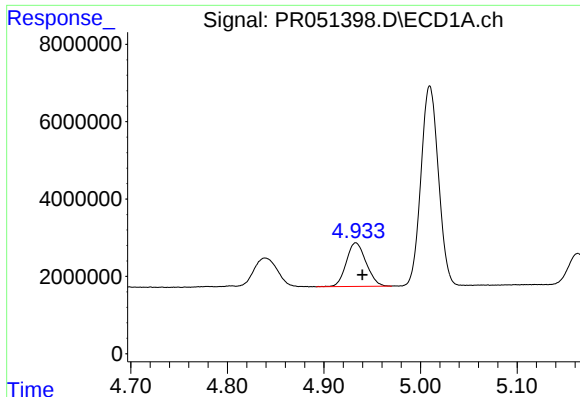
#8 AR-1221-1

R.T.: 4.839 min
Delta R.T.: -0.012 min
Response: 12175840
Conc: 138.24 ng/ml



#8 AR-1221-1

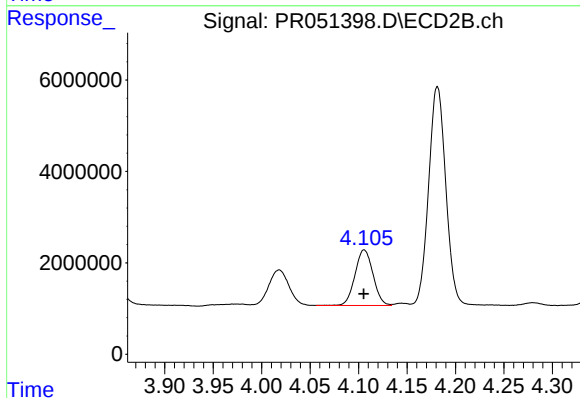
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 10521987
Conc: 143.33 ng/ml



#9 AR-1221-2

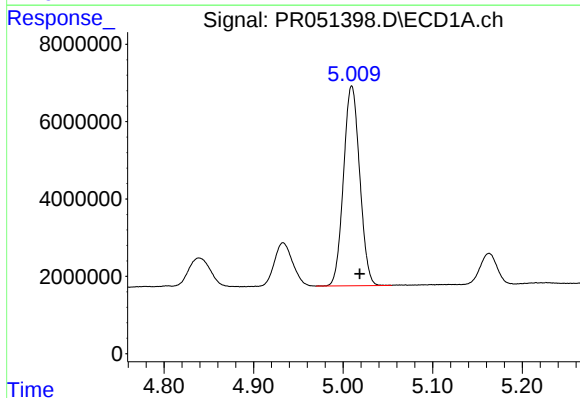
R.T.: 4.933 min
Delta R.T.: -0.007 min
Response: 16066008
Conc: 238.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



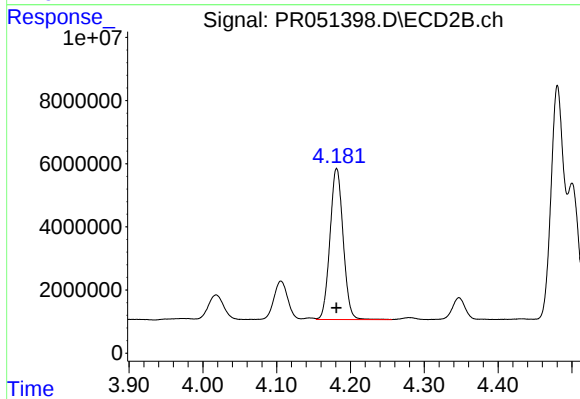
#9 AR-1221-2

R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 15722424
Conc: 266.58 ng/ml



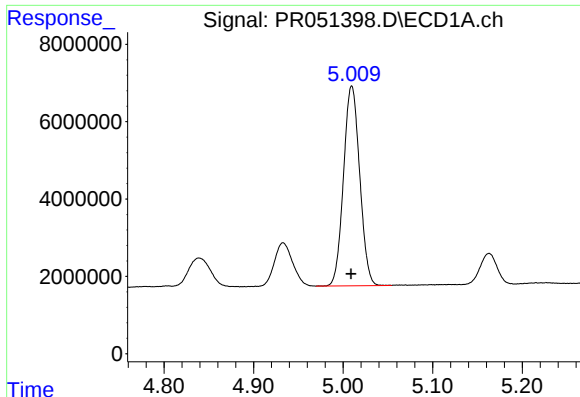
#10 AR-1221-3

R.T.: 5.010 min
Delta R.T.: -0.009 min
Response: 64852812
Conc: 301.69 ng/ml



#10 AR-1221-3

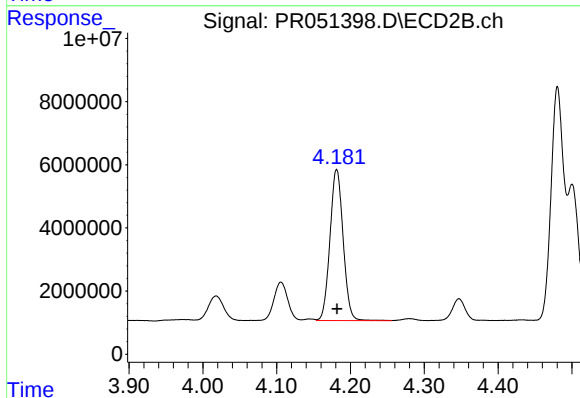
R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 59299504
Conc: 311.66 ng/ml



#11 AR-1232-1

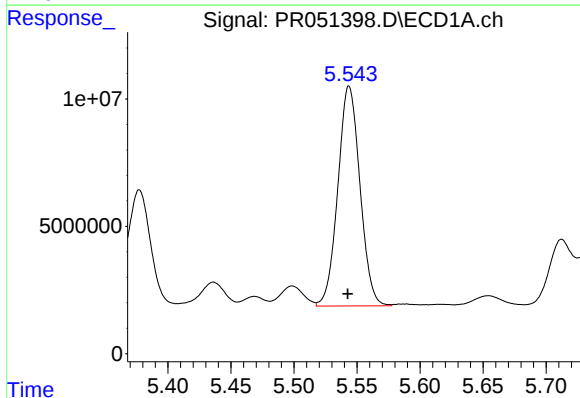
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 64852812
Conc: 359.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



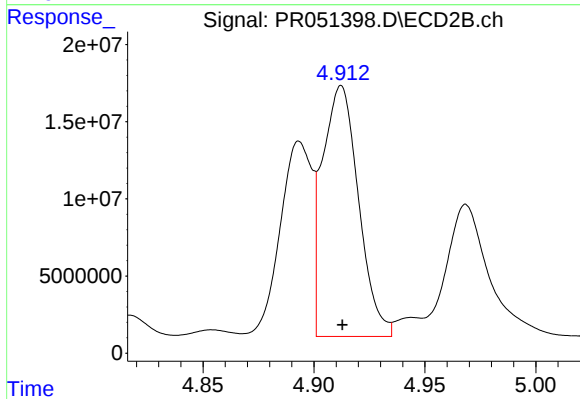
#11 AR-1232-1

R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 59299504
Conc: 367.24 ng/ml



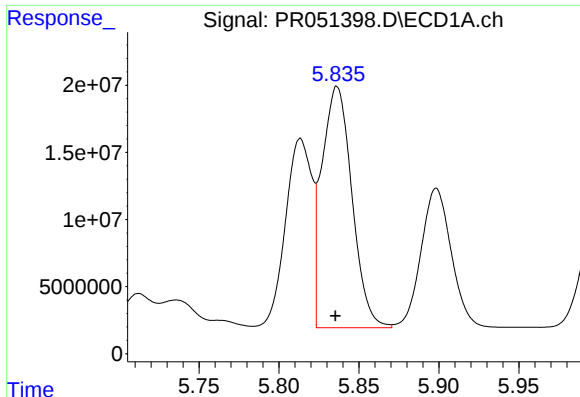
#12 AR-1232-2

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 105367136
Conc: 1083.90 ng/ml



#12 AR-1232-2

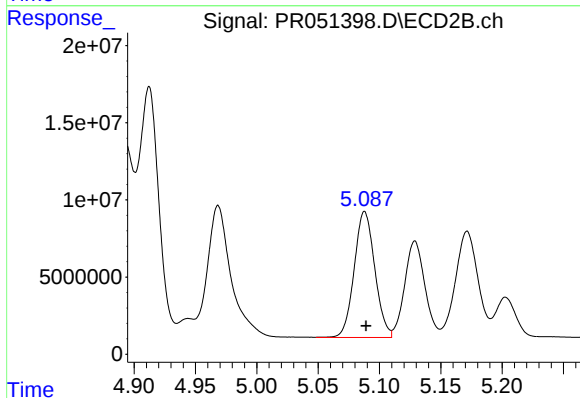
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 184524783
Conc: 1100.75 ng/ml



#13 AR-1232-3

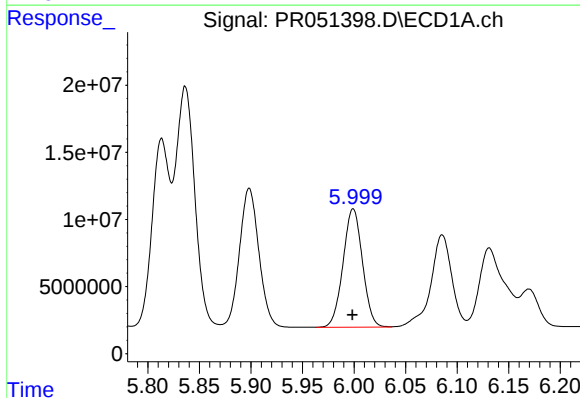
R.T.: 5.836 min
Delta R.T.: 0.001 min
Response: 234997844
Conc: 1124.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



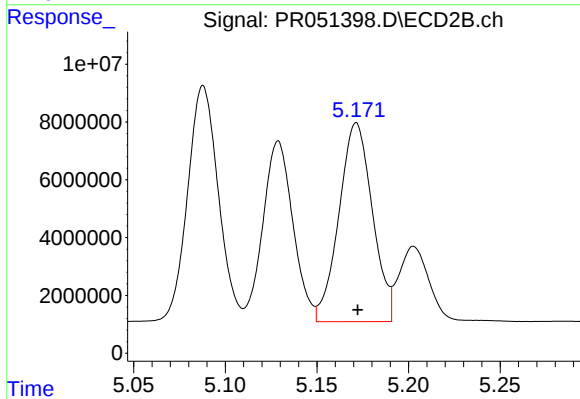
#13 AR-1232-3

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 95352597
Conc: 1094.16 ng/ml



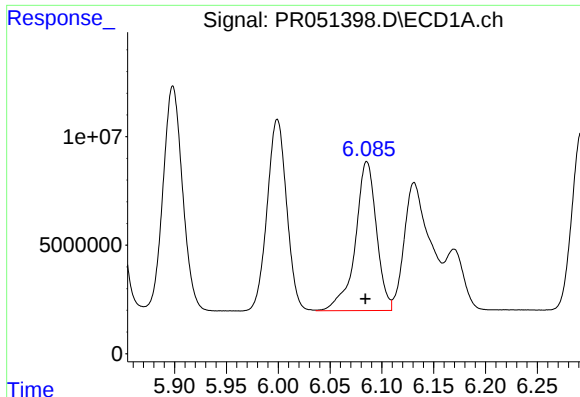
#14 AR-1232-4

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 115770448
Conc: 1121.24 ng/ml



#14 AR-1232-4

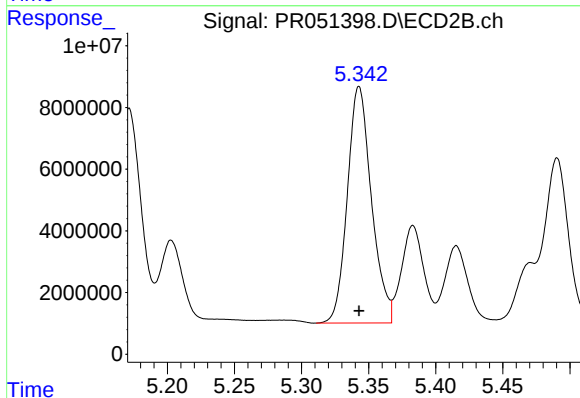
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 87422454
Conc: 1188.52 ng/ml



#15 AR-1232-5

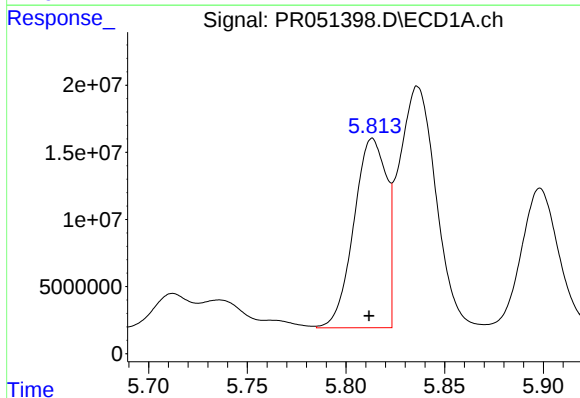
R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 97429171
Conc: 1297.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



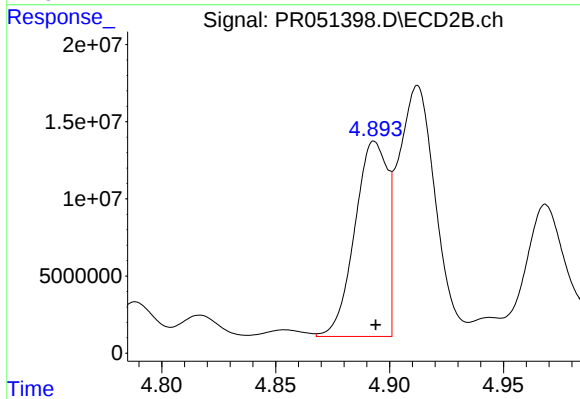
#15 AR-1232-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 96005441
Conc: 1179.95 ng/ml



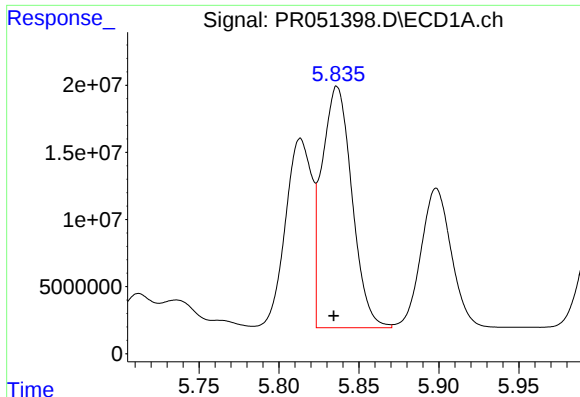
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.002 min
Response: 162466860
Conc: 634.76 ng/ml



#16 AR-1242-1

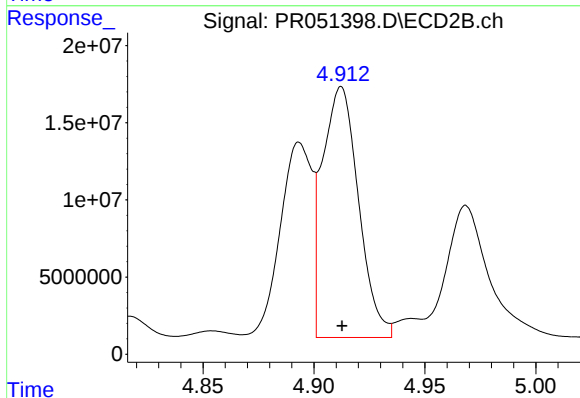
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 126035162
Conc: 608.13 ng/ml



#17 AR-1242-2

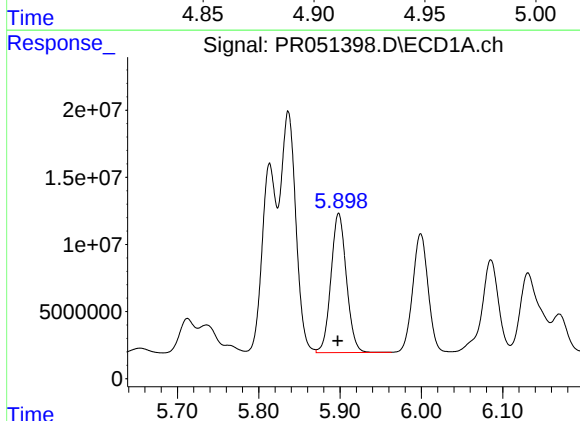
R.T.: 5.836 min
Delta R.T.: 0.002 min
Response: 234997844
Conc: 621.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



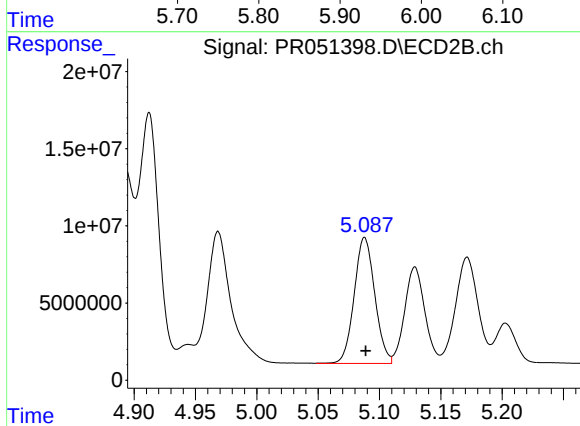
#17 AR-1242-2

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 184524783
Conc: 608.52 ng/ml



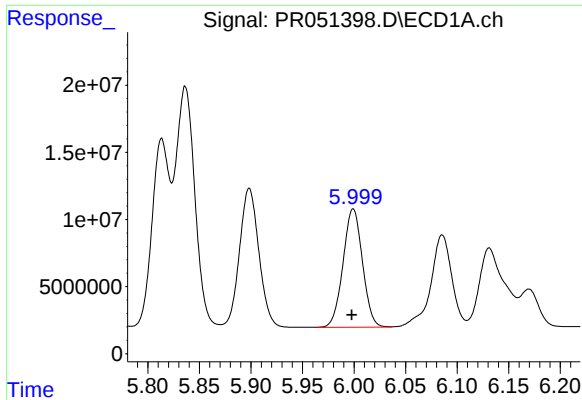
#18 AR-1242-3

R.T.: 5.898 min
Delta R.T.: 0.001 min
Response: 136876927
Conc: 622.19 ng/ml



#18 AR-1242-3

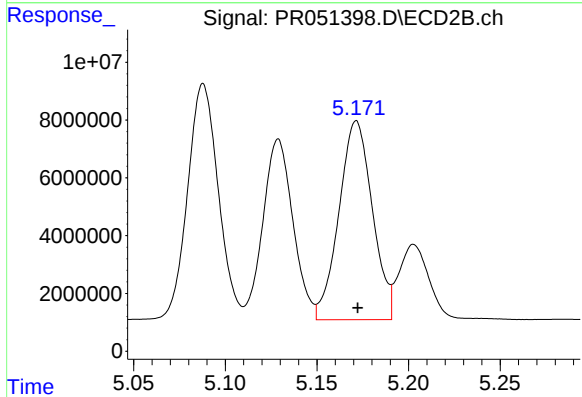
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 95352597
Conc: 597.46 ng/ml



#19 AR-1242-4

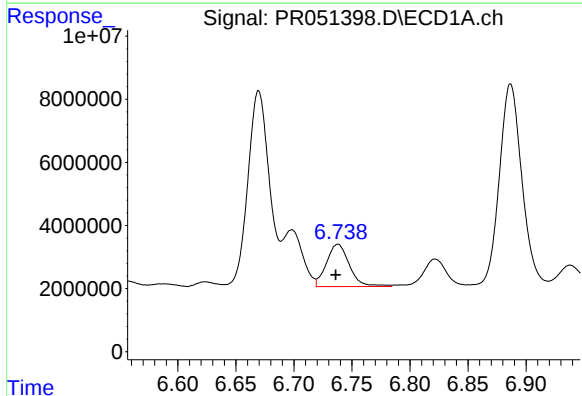
R.T.: 5.999 min
Delta R.T.: 0.001 min
Response: 115770448
Conc: 621.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



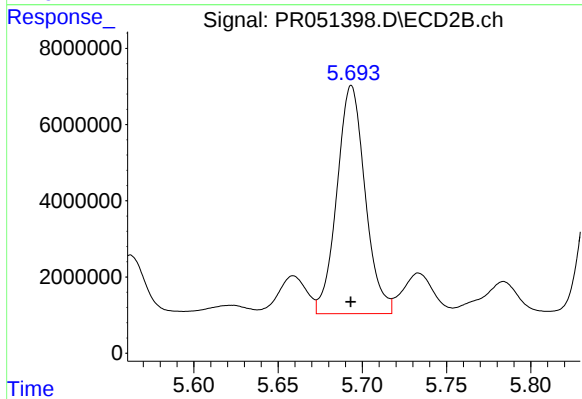
#19 AR-1242-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 87422454
Conc: 591.66 ng/ml



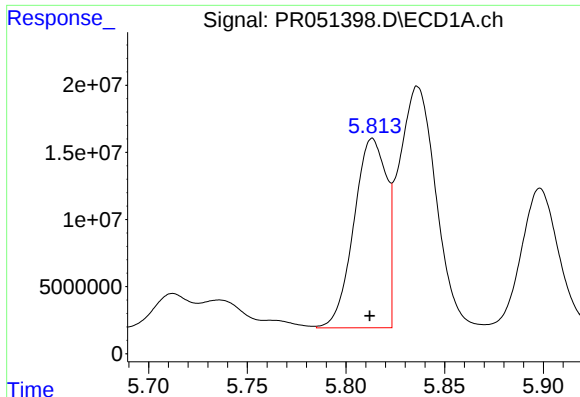
#20 AR-1242-5

R.T.: 6.738 min
Delta R.T.: 0.002 min
Response: 18440459
Conc: 84.25 ng/ml



#20 AR-1242-5

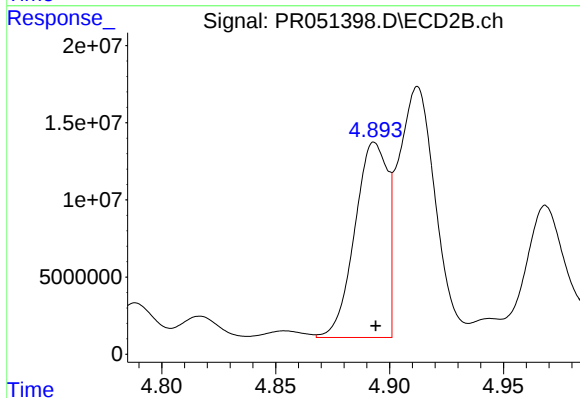
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 69782440
Conc: 347.99 ng/ml



#21 AR-1248-1

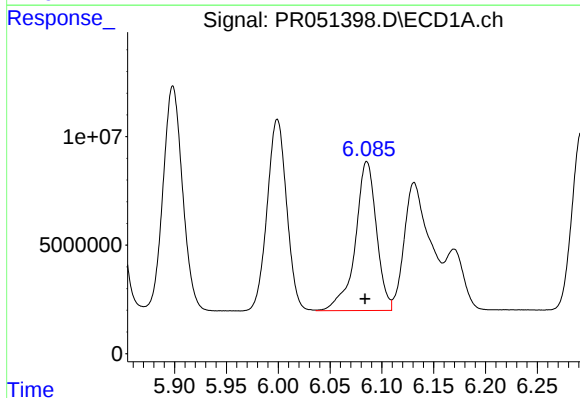
R.T.: 5.813 min
Delta R.T.: 0.001 min
Response: 162466860
Conc: 770.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



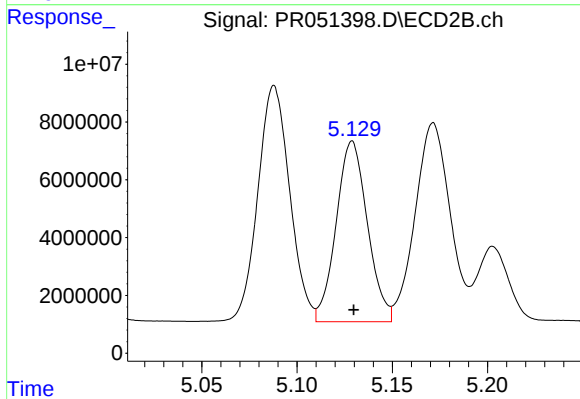
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 126035162
Conc: 738.77 ng/ml



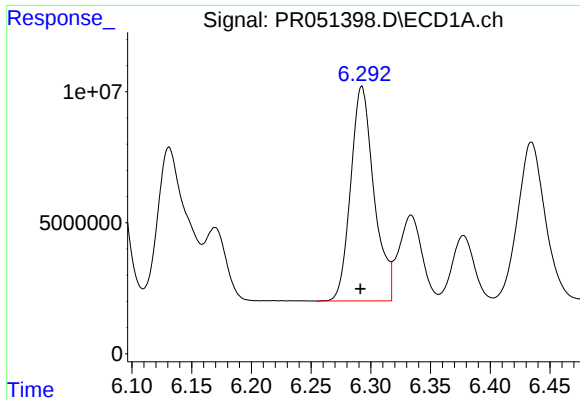
#22 AR-1248-2

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 97429171
Conc: 332.77 ng/ml



#22 AR-1248-2

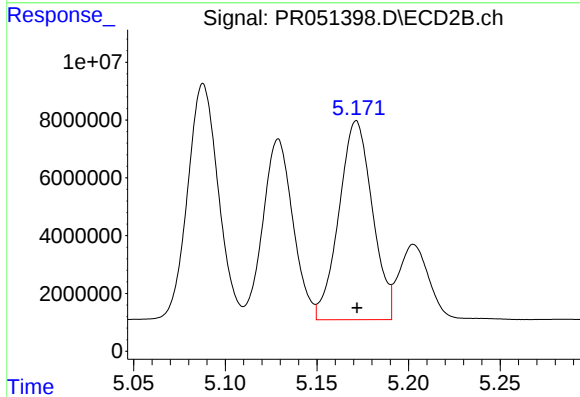
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 71315594
Conc: 311.37 ng/ml



#23 AR-1248-3

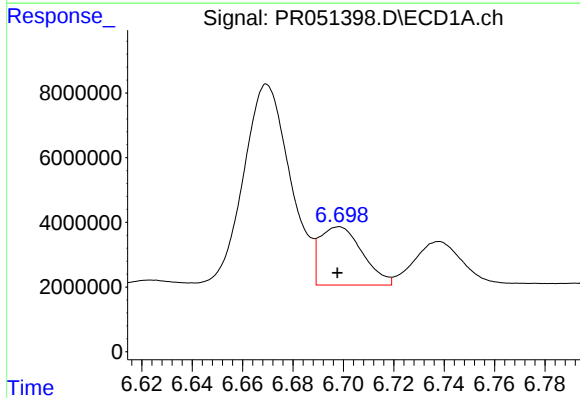
R.T.: 6.293 min
Delta R.T.: 0.001 min
Response: 111295179
Conc: 333.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



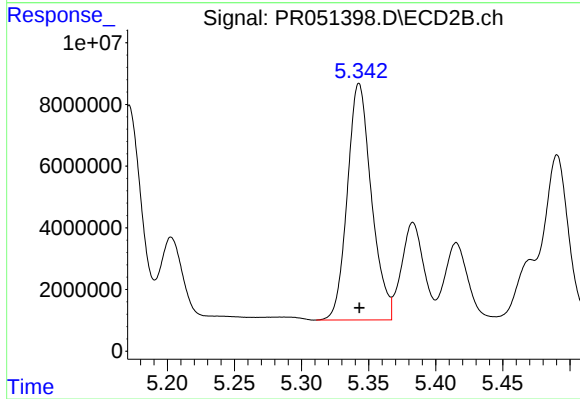
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 87422454
Conc: 367.24 ng/ml



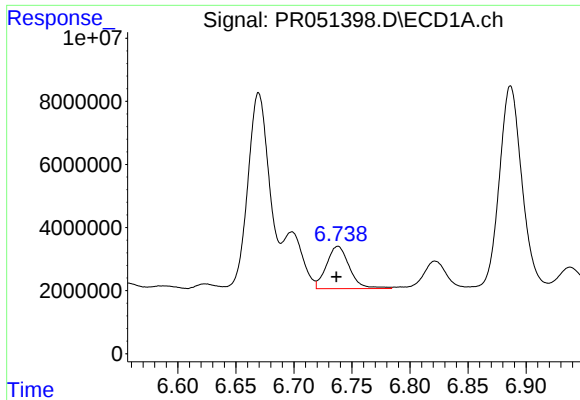
#24 AR-1248-4

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 21104151
Conc: 50.76 ng/ml



#24 AR-1248-4

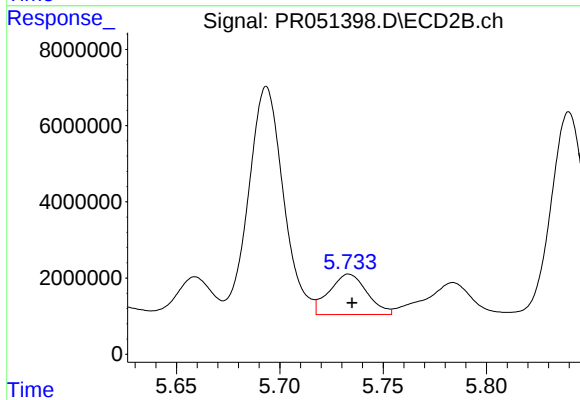
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 96005441
Conc: 334.61 ng/ml



#25 AR-1248-5

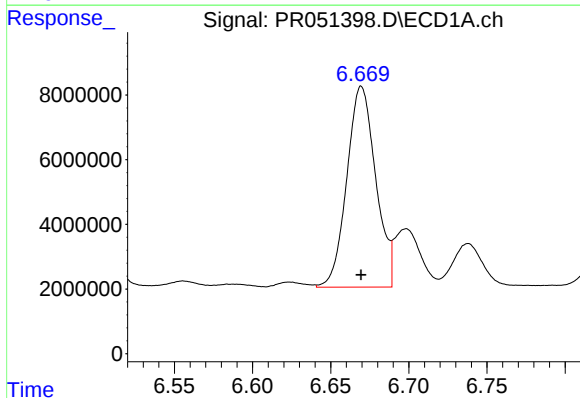
R.T.: 6.738 min
Delta R.T.: 0.001 min
Response: 18440459
Conc: 46.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



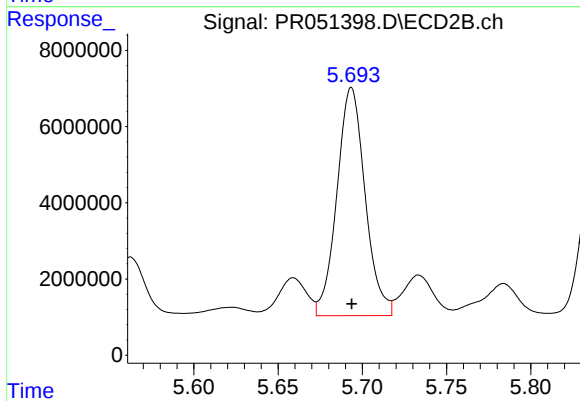
#25 AR-1248-5

R.T.: 5.733 min
Delta R.T.: -0.001 min
Response: 13492137
Conc: 44.02 ng/ml



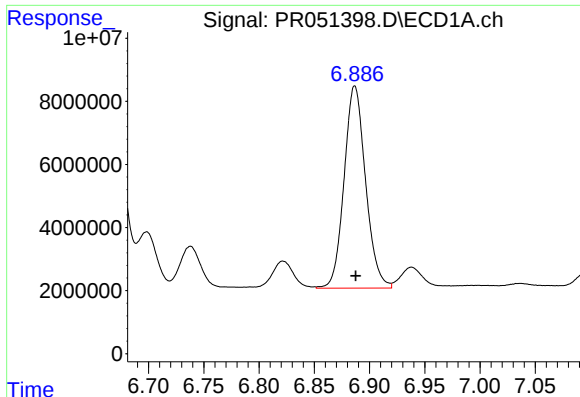
#26 AR-1254-1

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 79962244
Conc: 225.60 ng/ml



#26 AR-1254-1

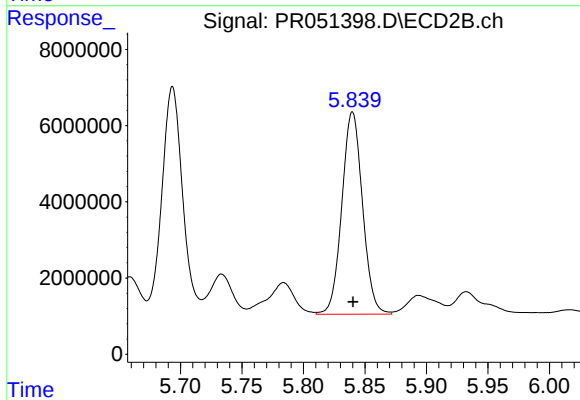
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 69782440
Conc: 169.89 ng/ml



#27 AR-1254-2

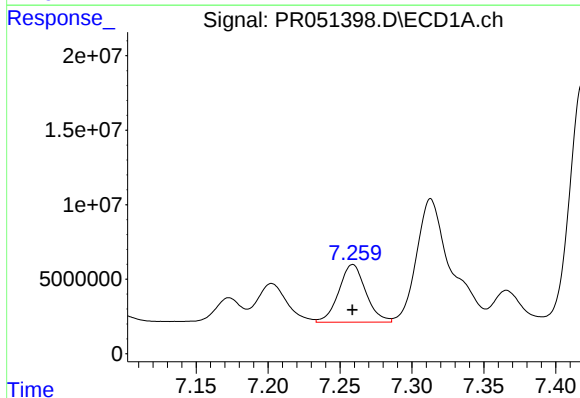
R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 86682418
Conc: 154.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



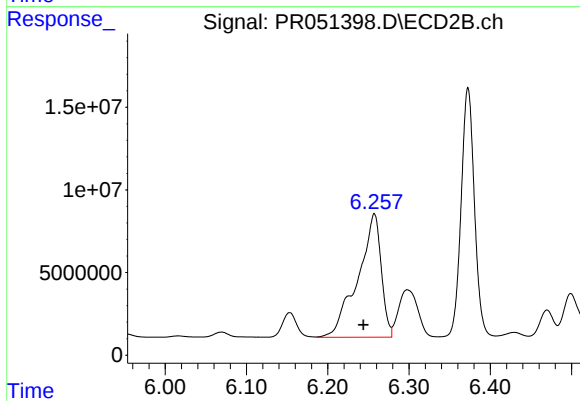
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 62127270
Conc: 178.59 ng/ml



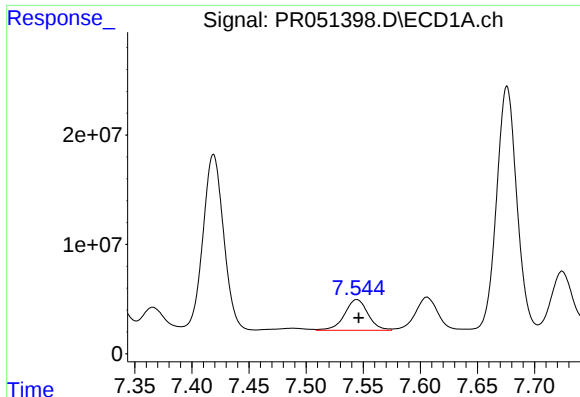
#28 AR-1254-3

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 50769343
Conc: 84.80 ng/ml



#28 AR-1254-3

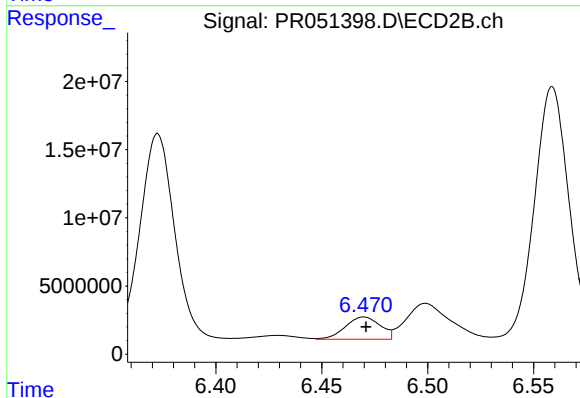
R.T.: 6.257 min
Delta R.T.: 0.014 min
Response: 149577454
Conc: 248.23 ng/ml



#29 AR-1254-4

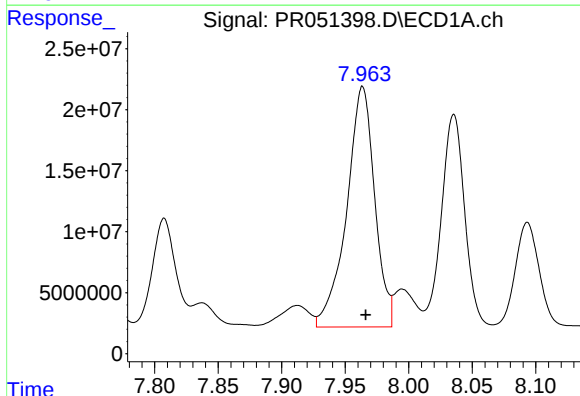
R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 40270603
Conc: 81.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



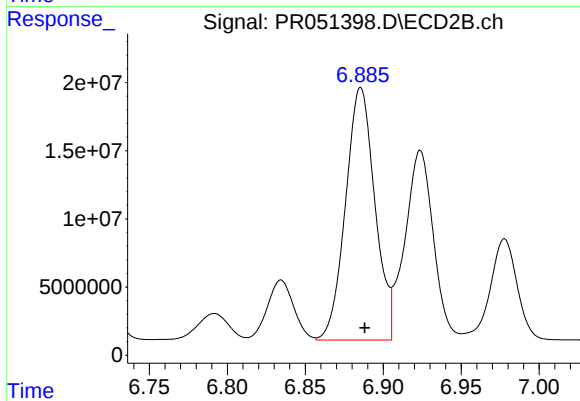
#29 AR-1254-4

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 18658190
Conc: 49.70 ng/ml



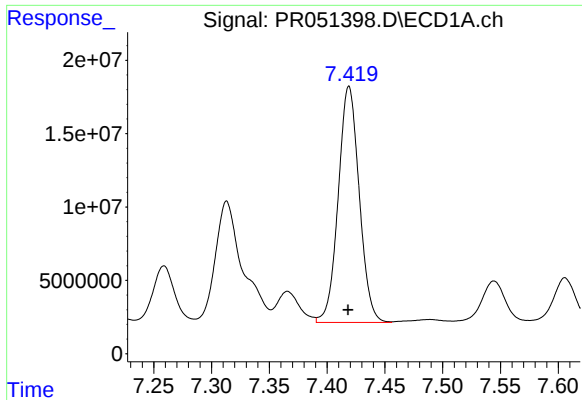
#30 AR-1254-5

R.T.: 7.964 min
Delta R.T.: -0.003 min
Response: 302929097
Conc: 639.40 ng/ml



#30 AR-1254-5

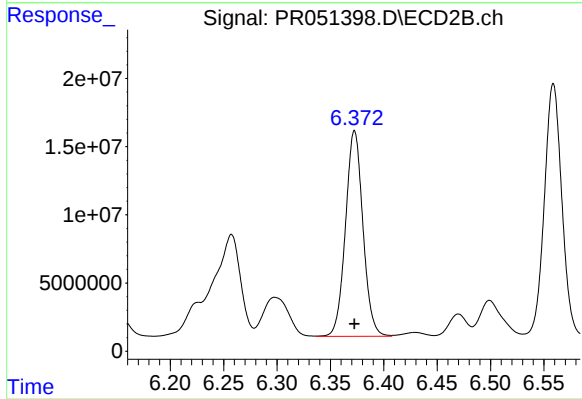
R.T.: 6.886 min
Delta R.T.: -0.003 min
Response: 242461936
Conc: 469.36 ng/ml



#31 AR-1260-1

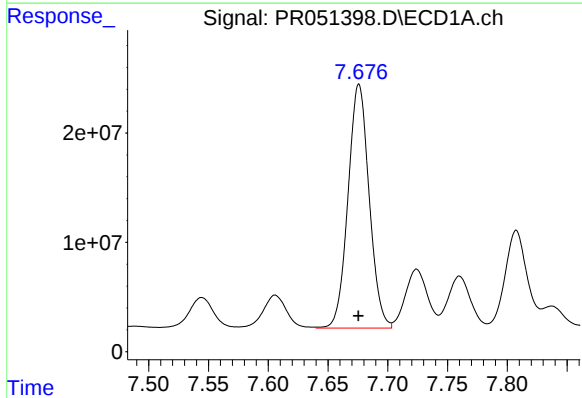
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 203633846
Conc: 426.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



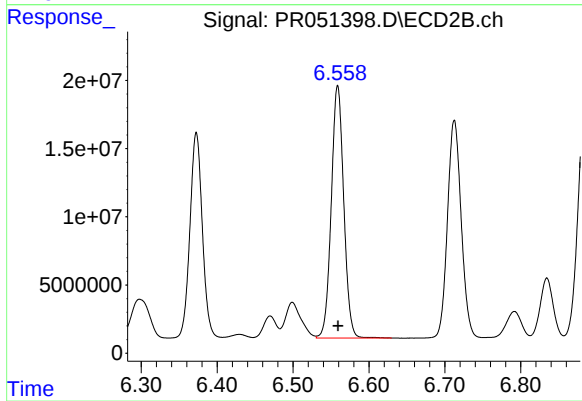
#31 AR-1260-1

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 171675772
Conc: 416.52 ng/ml



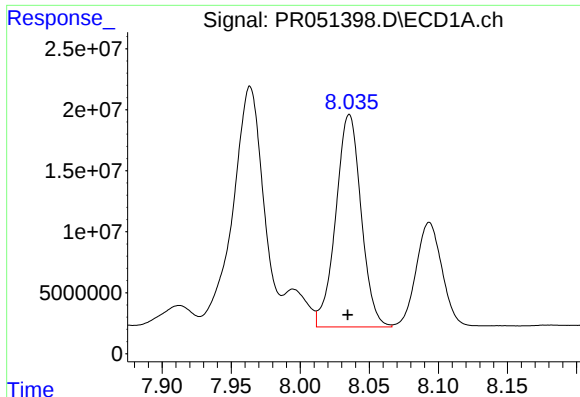
#32 AR-1260-2

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 274783909
Conc: 435.07 ng/ml



#32 AR-1260-2

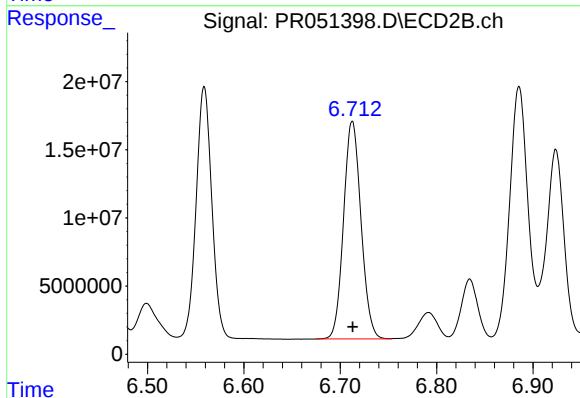
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 211319569
Conc: 418.00 ng/ml



#33 AR-1260-3

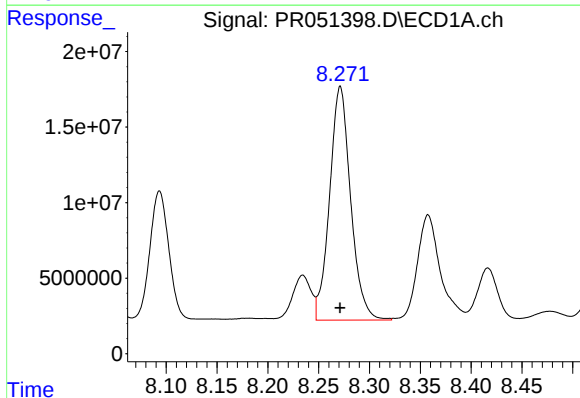
R.T.: 8.036 min
Delta R.T.: 0.001 min
Response: 222694718
Conc: 445.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



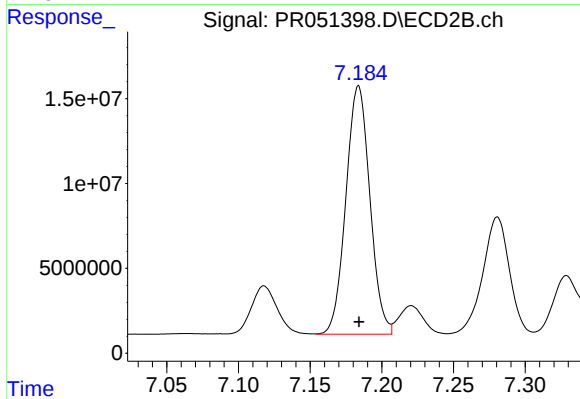
#33 AR-1260-3

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 200417039
Conc: 409.31 ng/ml



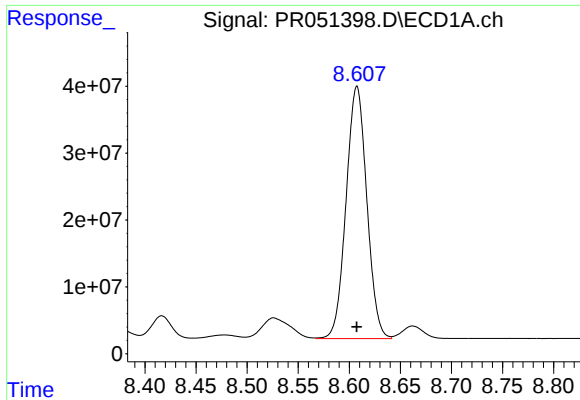
#34 AR-1260-4

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 223057346
Conc: 435.55 ng/ml



#34 AR-1260-4

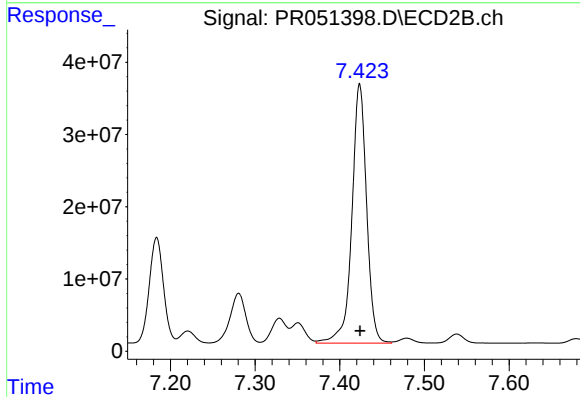
R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 170451573
Conc: 417.05 ng/ml



#35 AR-1260-5

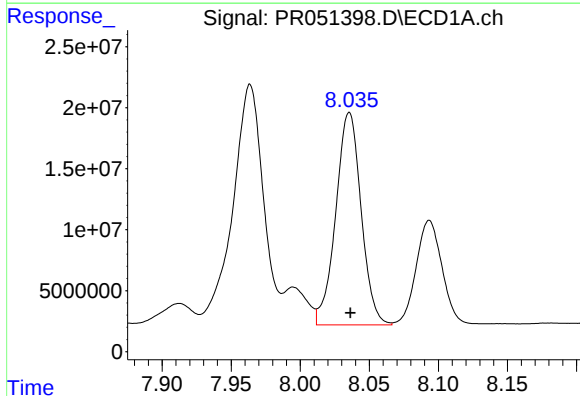
R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 532931728
Conc: 462.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



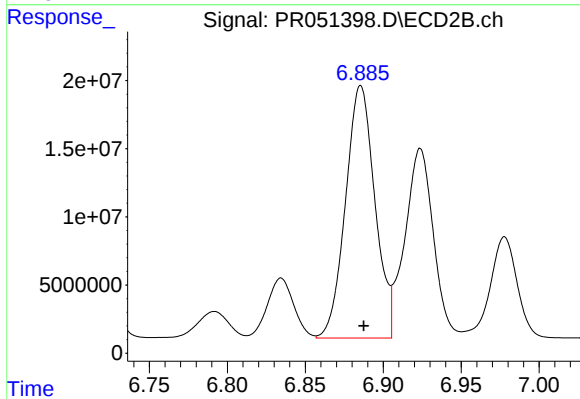
#35 AR-1260-5

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 434656640
Conc: 414.75 ng/ml



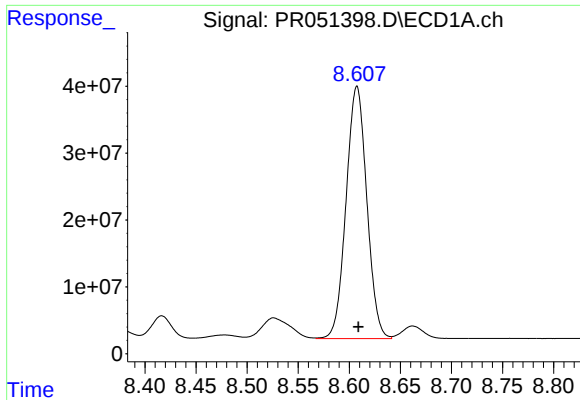
#36 AR-1262-1

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 222694718
Conc: 339.19 ng/ml



#36 AR-1262-1

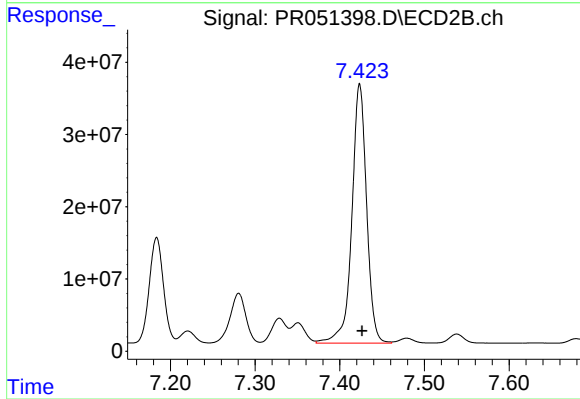
R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 242461936
Conc: 876.68 ng/ml



#37 AR-1262-2

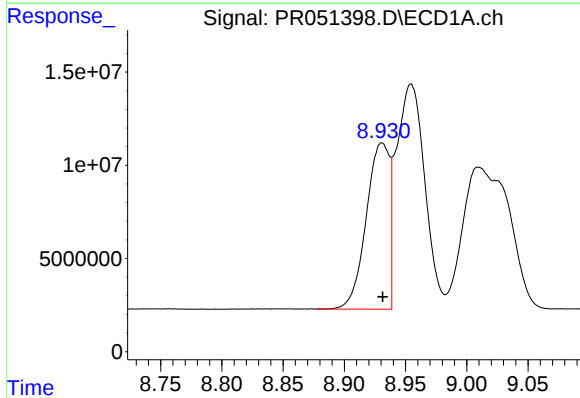
R.T.: 8.607 min
Delta R.T.: -0.001 min
Response: 532931728
Conc: 443.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



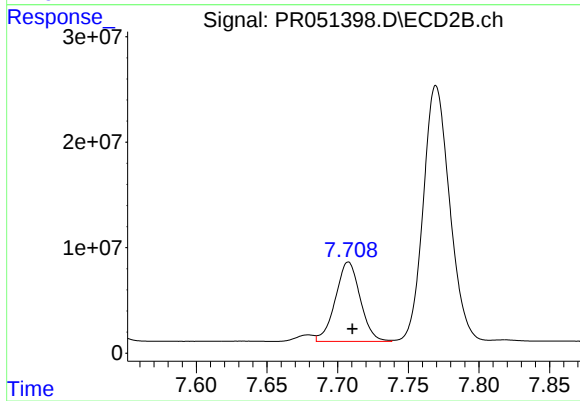
#37 AR-1262-2

R.T.: 7.424 min
Delta R.T.: -0.003 min
Response: 434656640
Conc: 427.99 ng/ml



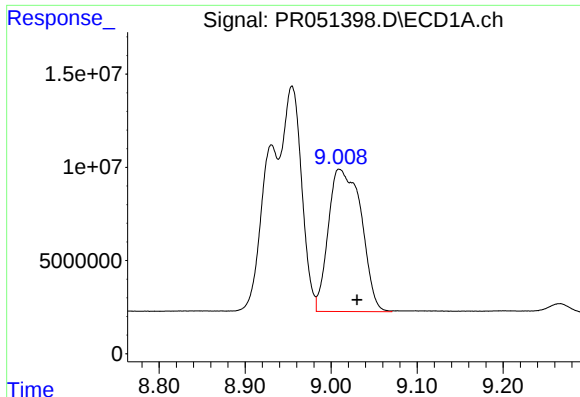
#38 AR-1262-3

R.T.: 8.931 min
Delta R.T.: 0.000 min
Response: 118100515
Conc: 154.88 ng/ml



#38 AR-1262-3

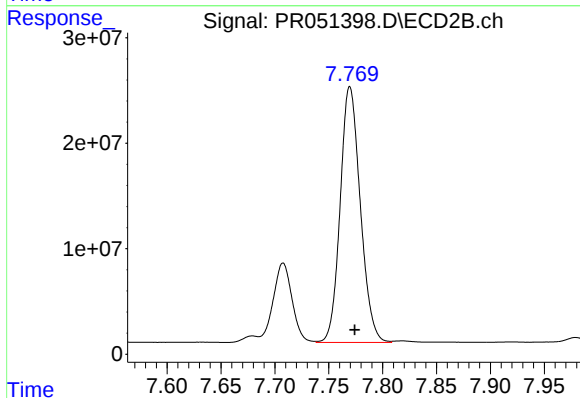
R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 92168698
Conc: 250.53 ng/ml



#39 AR-1262-4

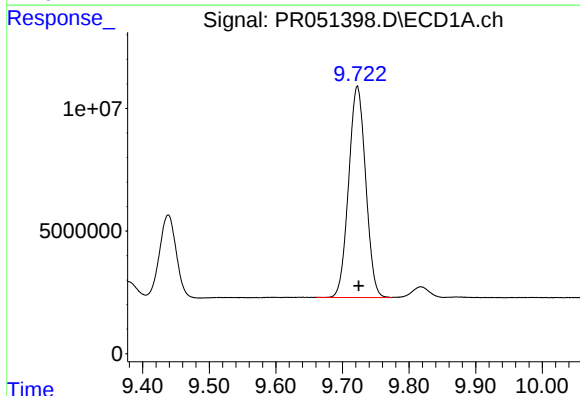
R.T.: 9.010 min
Delta R.T.: -0.021 min
Response: 202862647
Conc: 348.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



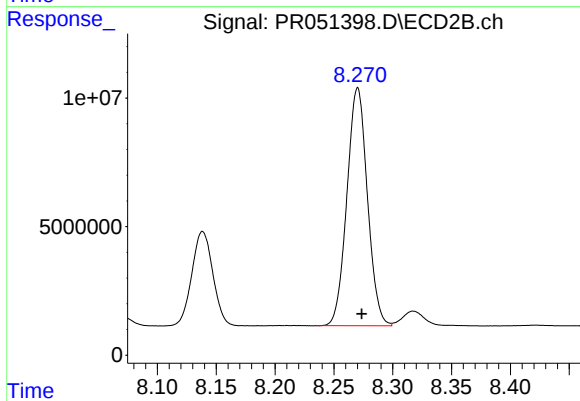
#39 AR-1262-4

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 315295643
Conc: 432.59 ng/ml



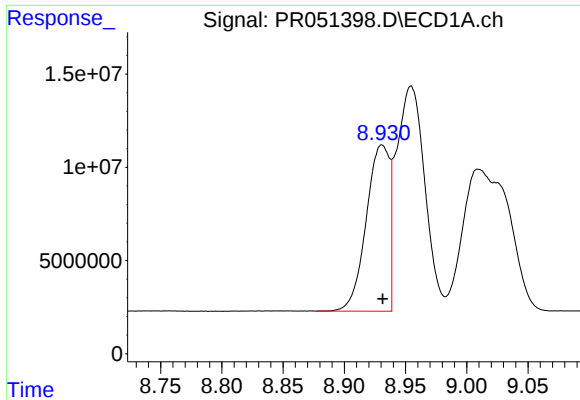
#40 AR-1262-5

R.T.: 9.722 min
Delta R.T.: -0.002 min
Response: 152923425
Conc: 363.80 ng/ml



#40 AR-1262-5

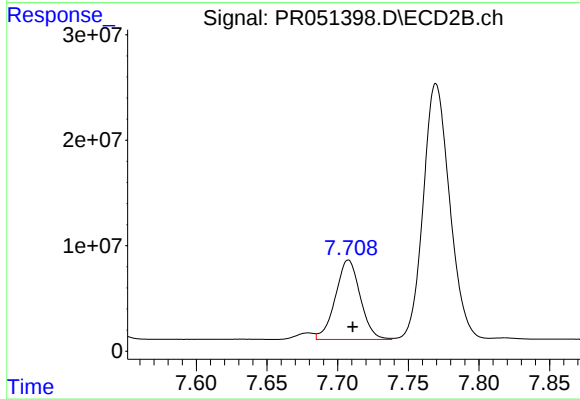
R.T.: 8.270 min
Delta R.T.: -0.003 min
Response: 112272928
Conc: 344.21 ng/ml



#41 AR-1268-1

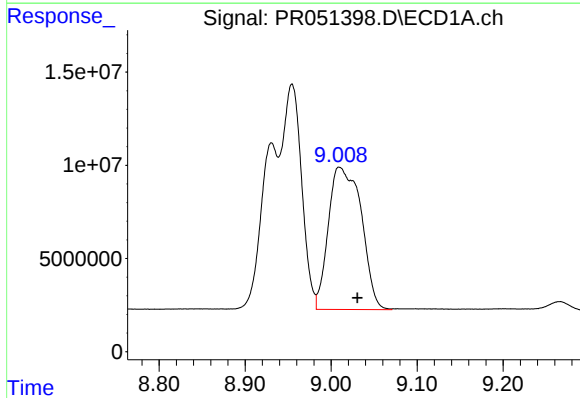
R.T.: 8.931 min
Delta R.T.: 0.000 min
Response: 118100515
Conc: 83.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



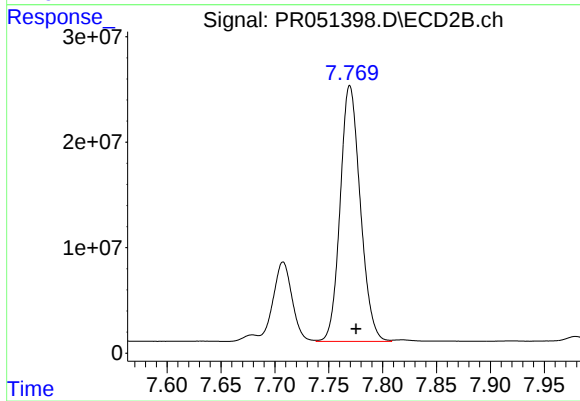
#41 AR-1268-1

R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 92168698
Conc: 85.57 ng/ml



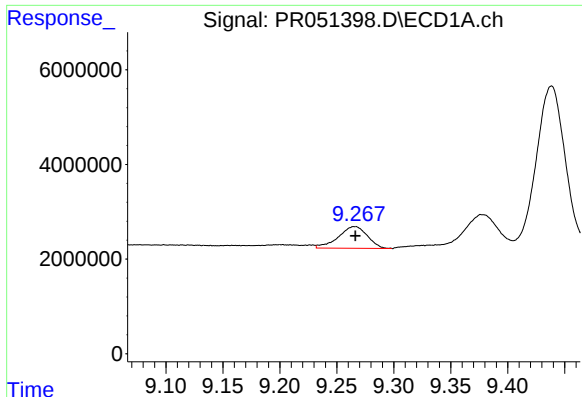
#42 AR-1268-2

R.T.: 9.010 min
Delta R.T.: -0.021 min
Response: 202862647
Conc: 158.89 ng/ml



#42 AR-1268-2

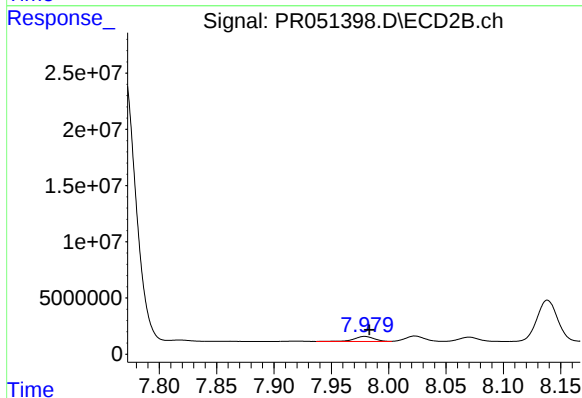
R.T.: 7.770 min
Delta R.T.: -0.006 min
Response: 315295643
Conc: 316.64 ng/ml



#43 AR-1268-3

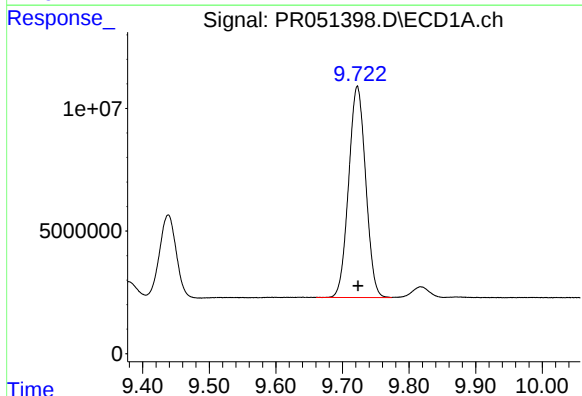
R.T.: 9.266 min
Delta R.T.: 0.000 min
Response: 8122534
Conc: 7.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



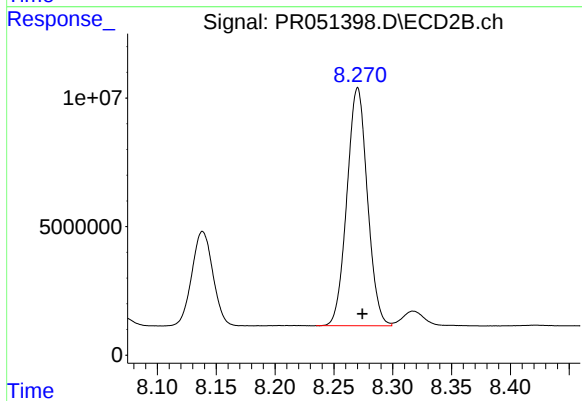
#43 AR-1268-3

R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 5702459
Conc: 6.93 ng/ml



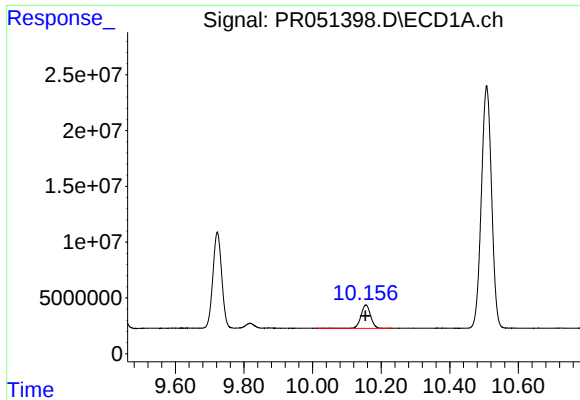
#44 AR-1268-4

R.T.: 9.722 min
Delta R.T.: -0.001 min
Response: 152923425
Conc: 337.14 ng/ml



#44 AR-1268-4

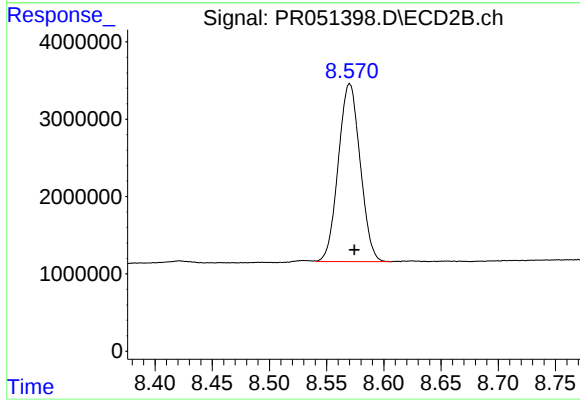
R.T.: 8.270 min
Delta R.T.: -0.004 min
Response: 112272928
Conc: 316.31 ng/ml



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.001 min
Response: 40794016
Conc: 11.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.570 min
Delta R.T.: -0.004 min
Response: 30609912
Conc: 11.01 ng/ml