

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121919\
 Data File : PR044027.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2019 12:38
 Operator : SM\AJ
 Sample : K6308-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 13:17:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 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...	4.715	3.975	81829050	210.0E6	20.473	19.026
2)	SA Decachlor...	10.620	9.058	198.5E6	433.4E6	41.595	42.960
Target Compounds							
3)	L1 AR-1016-1	5.891	5.065	70407604	132.7E6	443.115	384.498
4)	L1 AR-1016-2	5.913	5.084	102.1E6	185.0E6	448.986	384.577
5)	L1 AR-1016-3	5.975	5.262	60953003	94056087	453.226	431.607
6)	L1 AR-1016-4	6.076	5.302	50862191	71035396	450.384	393.464
7)	L1 AR-1016-5	6.369	5.518	50768727	101.2E6	449.383	428.410
8)	L2 AR-1221-1	4.919	4.183	4763568	11322393	122.687	99.196
9)	L2 AR-1221-2	5.012	4.273	6329396	16185298	233.723	198.382
10)	L2 AR-1221-3	5.090	4.349	29275885	75530048	298.497	270.710
11)	L3 AR-1232-1	5.090	4.349	29275885	75530048	365.374	327.320
12)	L3 AR-1232-2	5.623	5.084	43746722	185.0E6	990.316	849.594
13)	L3 AR-1232-3	5.913	5.262	102.1E6	94056087	1069.158	992.037
14)	L3 AR-1232-4	6.076	5.345	50862191	89246880	1086.672	1030.682
15)	L3 AR-1232-5	6.162	5.518	43897016	101.2E6	1282.134	1029.392
16)	L4 AR-1242-1	5.891	5.065	70407604	132.7E6	556.477	461.180
17)	L4 AR-1242-2	5.913	5.084	102.1E6	185.0E6	563.186	467.791
18)	L4 AR-1242-3	5.975	5.262	60953003	94056087	561.424	494.878
19)	L4 AR-1242-4	6.076	5.345	50862191	89246880	563.363	488.147
20)	L4 AR-1242-5	6.812	5.870	7421716	93382299	67.556	314.802 #
21)	L5 AR-1248-1	5.891	5.065	70407604	132.7E6	703.054	576.662
22)	L5 AR-1248-2	6.162	5.302	43897016	71035396	320.184	271.483
23)	L5 AR-1248-3	6.369	5.345	50768727	89246880	321.146	337.099
24)	L5 AR-1248-4	6.746	5.518	48447987	101.2E6	249.503	304.181
25)	L5 AR-1248-5	6.812	5.911	7421716	15367925	40.472	37.594
26)	L6 AR-1254-1	6.746	5.870	48447987	93382299	253.512	155.086 #
27)	L6 AR-1254-2	6.961	6.016	46110682	94395794	151.247	173.948
28)	L6 AR-1254-3	7.333	6.436	26128549	219.4E6	75.768	230.077 #
29)	L6 AR-1254-4	7.617	6.649	17523398	22241824	66.888	33.533 #
30)	L6 AR-1254-5	8.036	7.068	189.0E6	402.0E6	667.109	462.014 #
31)	L7 AR-1260-1	7.494	6.552	111.7E6	253.6E6	483.056	463.997
32)	L7 AR-1260-2	7.749	6.738	136.4E6	380.7E6	477.872	474.375
33)	L7 AR-1260-3	8.110	6.893	85261203	309.6E6	379.713	463.574
34)	L7 AR-1260-4	8.348	7.366	109.6E6	232.0E6	423.326	413.225
35)	L7 AR-1260-5	8.686	7.606	223.0E6	695.2E6	399.229	412.999
36)	L8 AR-1262-1	8.170	7.068	45773407	402.0E6	318.227	812.738 #
37)	L8 AR-1262-2	8.686	7.606	223.0E6	695.2E6	314.105	319.731
38)	L8 AR-1262-3	9.037	7.889	141.6E6	128.7E6	307.395	149.045 #
39)	L8 AR-1262-4	9.094	7.953	74249605	434.7E6	217.747	305.706 #
40)	L8 AR-1262-5	9.815	8.468	52120044	128.2E6	217.096	200.488
41)	L9 AR-1268-1	9.037	7.889	141.6E6	128.7E6	175.840	52.650 #

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 ALS Vial : 12 Sample Multiplier: 1

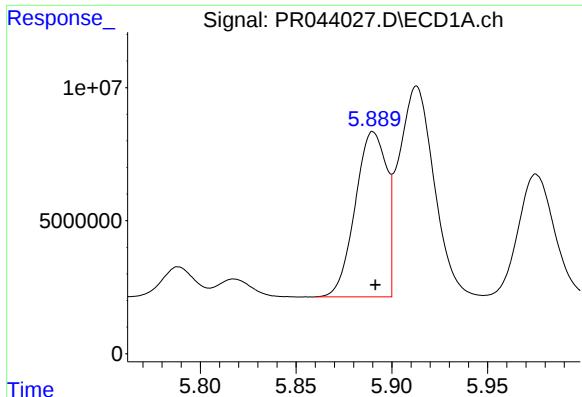
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 13:17:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
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 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	9.094	7.953	74249605	434.7E6	100.772	207.819 #
43) L9	AR-1268-3	9.358	8.164	4708812	11367224	7.652	6.313
44) L9	AR-1268-4	9.815	8.468	52120044	128.2E6	197.011	181.890
45) L9	AR-1268-5	10.258	8.782	17584086	37951326	8.526	7.776

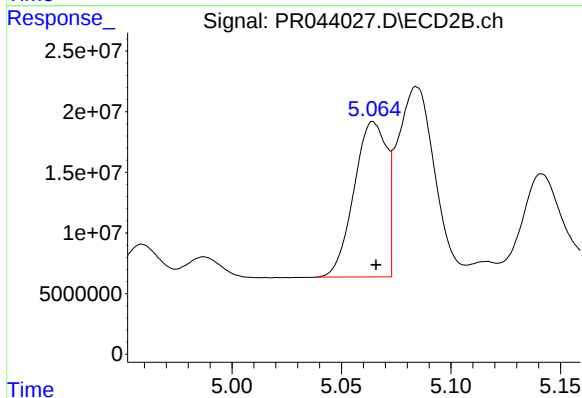
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

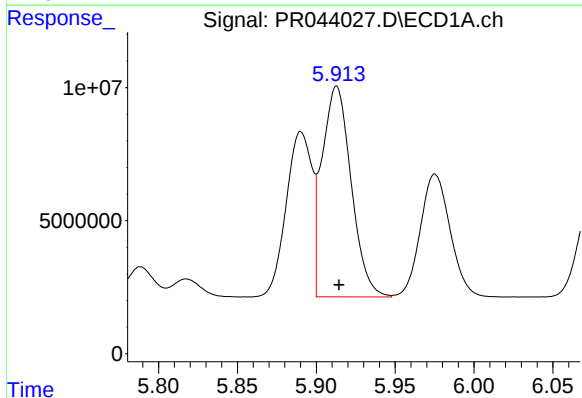
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 70407604
Conc: 443.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



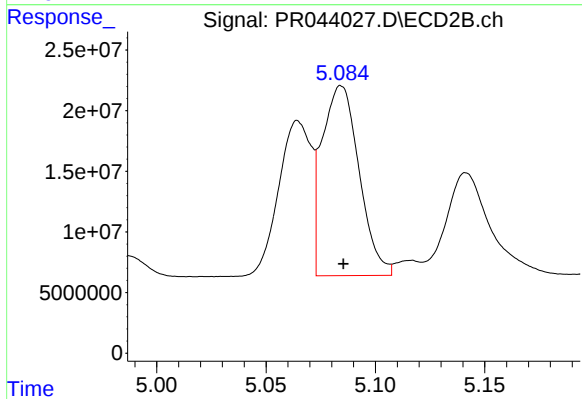
#3 AR-1016-1

R.T.: 5.065 min
Delta R.T.: -0.001 min
Response: 132680567
Conc: 384.50 ng/ml



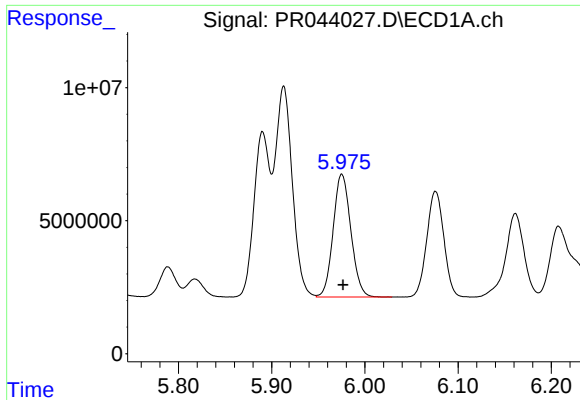
#4 AR-1016-2

R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 102051443
Conc: 448.99 ng/ml



#4 AR-1016-2

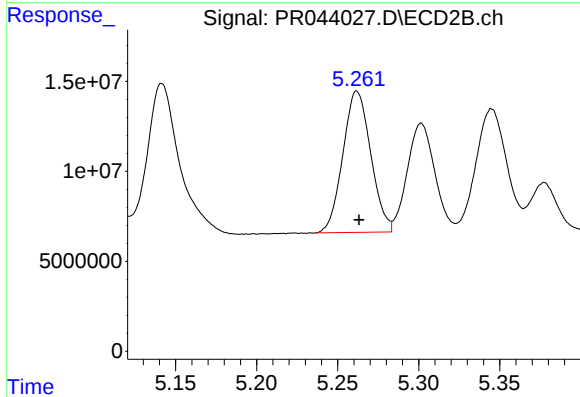
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 184982767
Conc: 384.58 ng/ml



#5 AR-1016-3

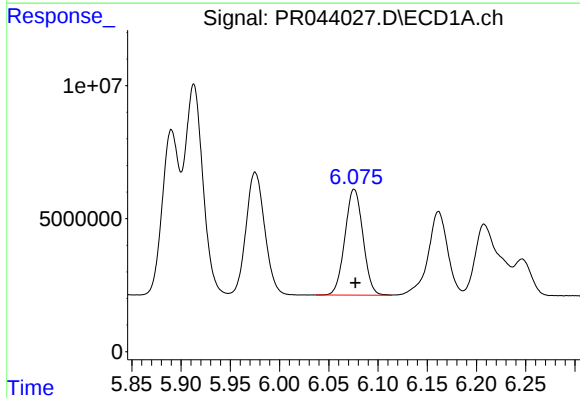
R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 60953003
Conc: 453.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



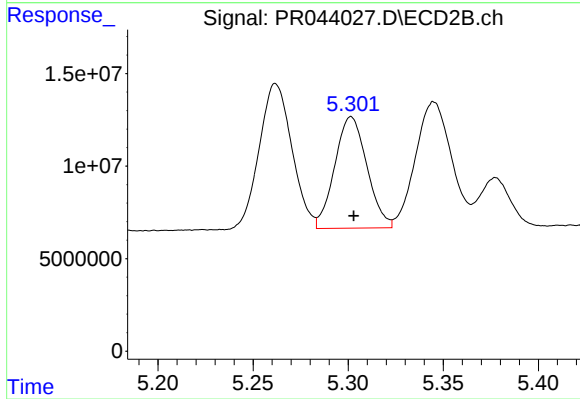
#5 AR-1016-3

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 94056087
Conc: 431.61 ng/ml



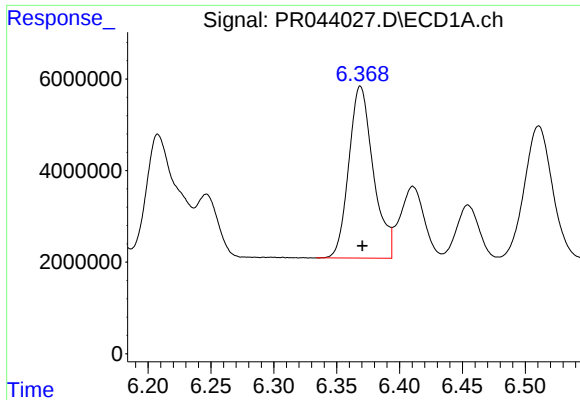
#6 AR-1016-4

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 50862191
Conc: 450.38 ng/ml



#6 AR-1016-4

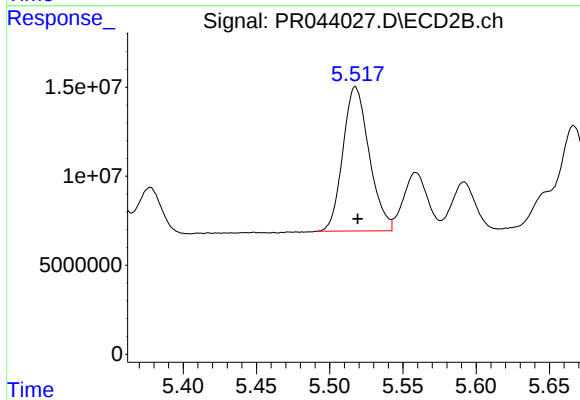
R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 71035396
Conc: 393.46 ng/ml



#7 AR-1016-5

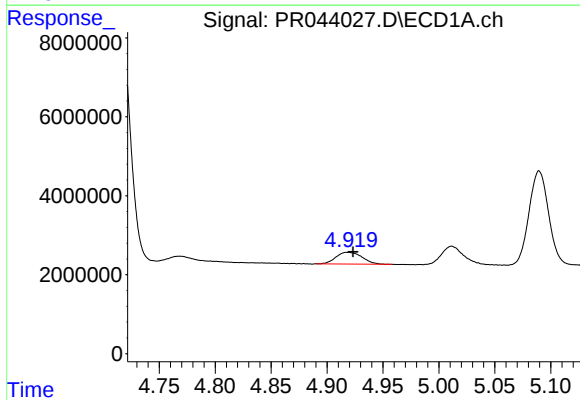
R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 50768727
Conc: 449.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



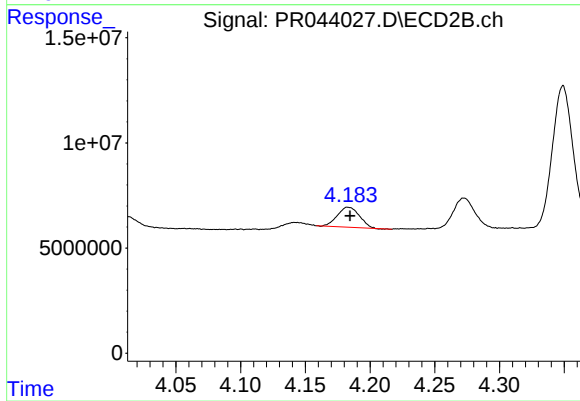
#7 AR-1016-5

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 101222233
Conc: 428.41 ng/ml



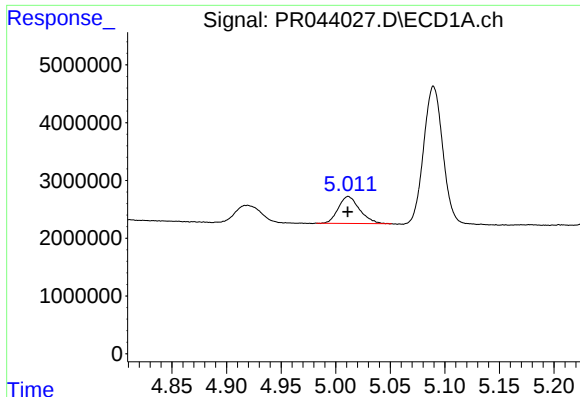
#8 AR-1221-1

R.T.: 4.919 min
Delta R.T.: -0.004 min
Response: 4763568
Conc: 122.69 ng/ml



#8 AR-1221-1

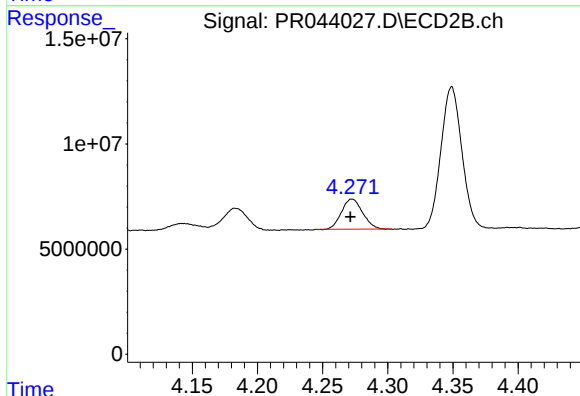
R.T.: 4.183 min
Delta R.T.: -0.001 min
Response: 11322393
Conc: 99.20 ng/ml



#9 AR-1221-2

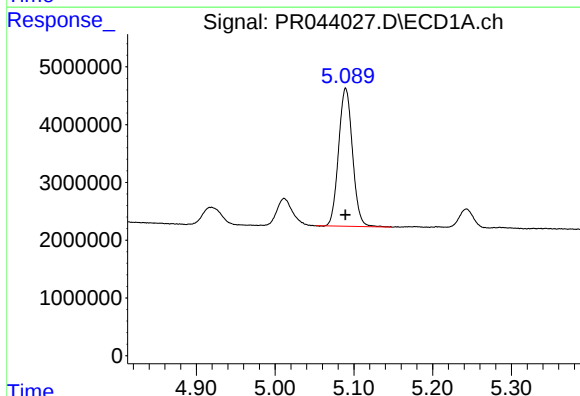
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 6329396
Conc: 233.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



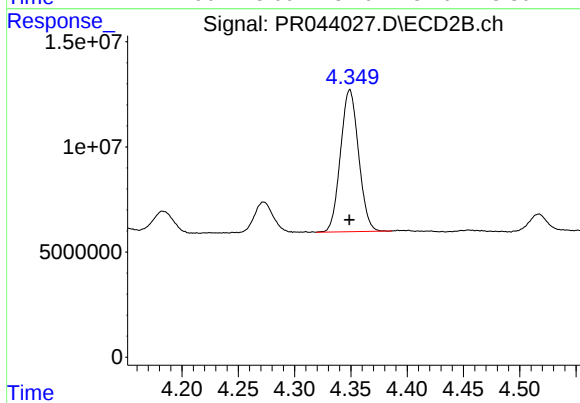
#9 AR-1221-2

R.T.: 4.273 min
Delta R.T.: 0.001 min
Response: 16185298
Conc: 198.38 ng/ml



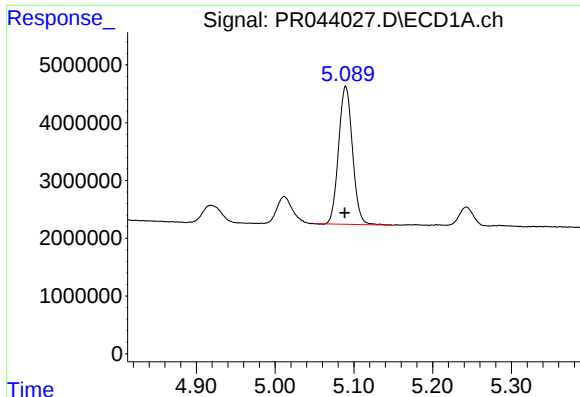
#10 AR-1221-3

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 29275885
Conc: 298.50 ng/ml



#10 AR-1221-3

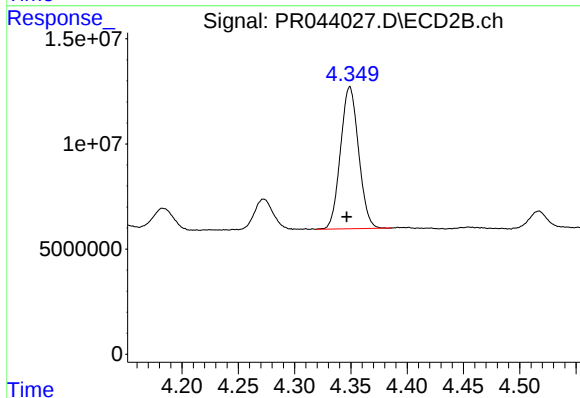
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 75530048
Conc: 270.71 ng/ml



#11 AR-1232-1

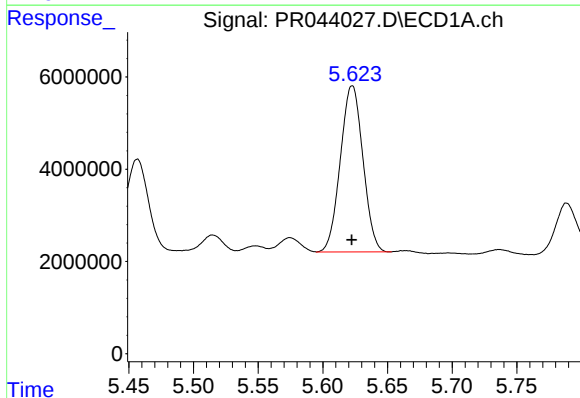
R.T.: 5.090 min
Delta R.T.: 0.001 min
Response: 29275885
Conc: 365.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



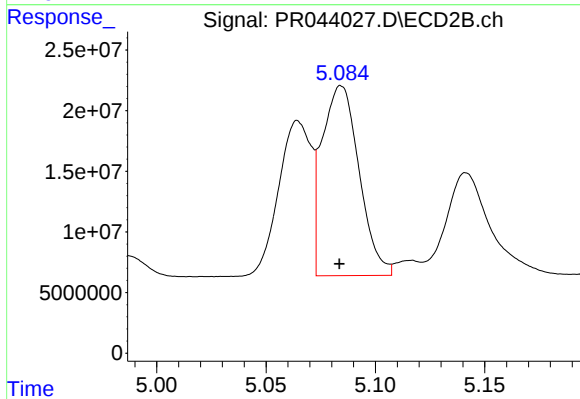
#11 AR-1232-1

R.T.: 4.349 min
Delta R.T.: 0.003 min
Response: 75530048
Conc: 327.32 ng/ml



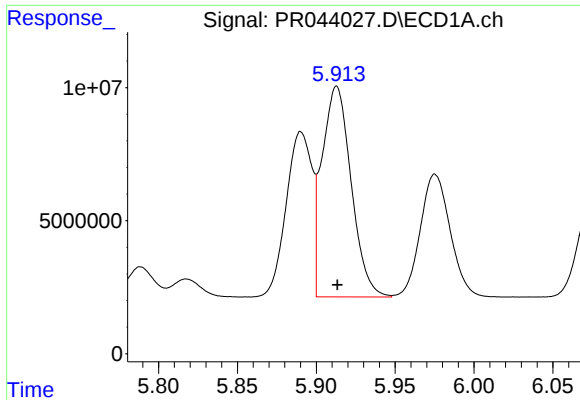
#12 AR-1232-2

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 43746722
Conc: 990.32 ng/ml



#12 AR-1232-2

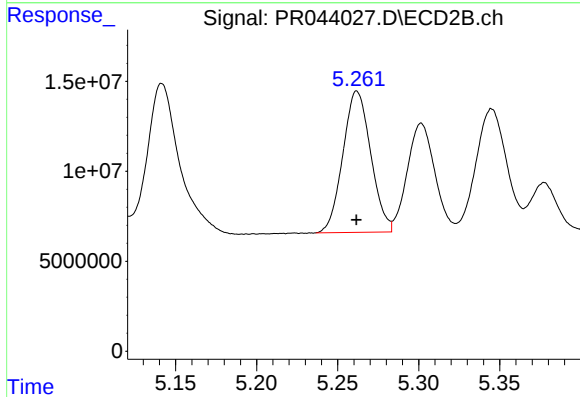
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 184982767
Conc: 849.59 ng/ml



#13 AR-1232-3

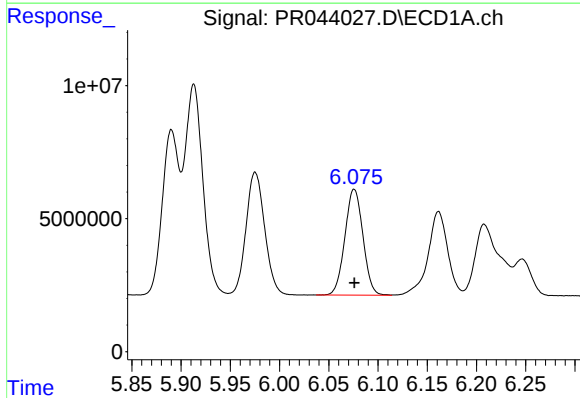
R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 102051443
Conc: 1069.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



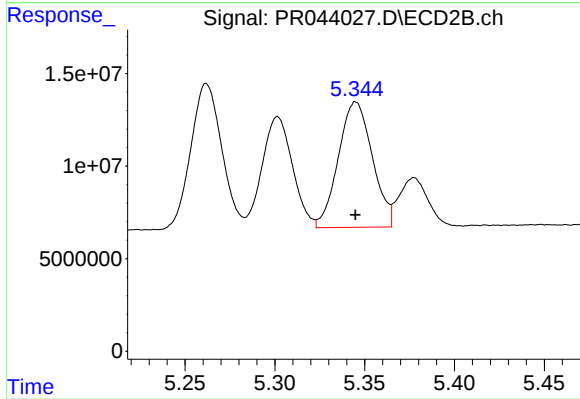
#13 AR-1232-3

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 94056087
Conc: 992.04 ng/ml



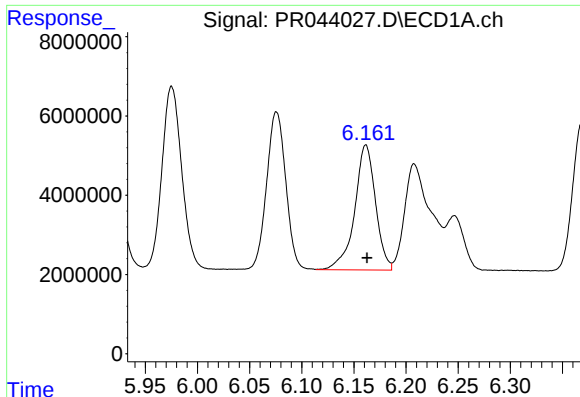
#14 AR-1232-4

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 50862191
Conc: 1086.67 ng/ml



#14 AR-1232-4

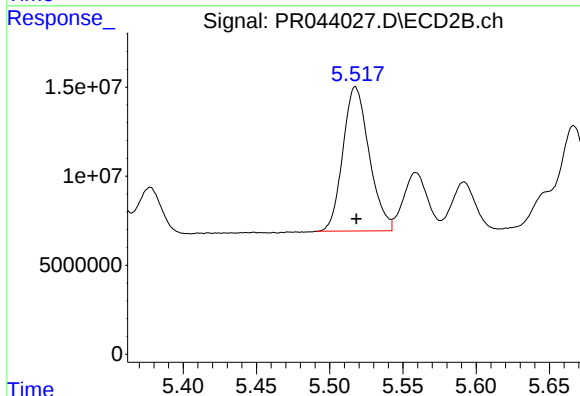
R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 89246880
Conc: 1030.68 ng/ml



#15 AR-1232-5

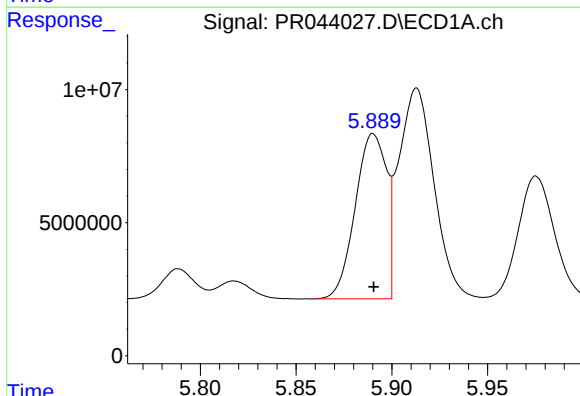
R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 43897016
Conc: 1282.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



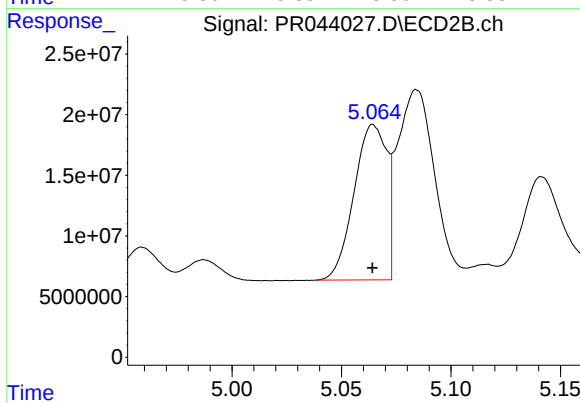
#15 AR-1232-5

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 101222233
Conc: 1029.39 ng/ml



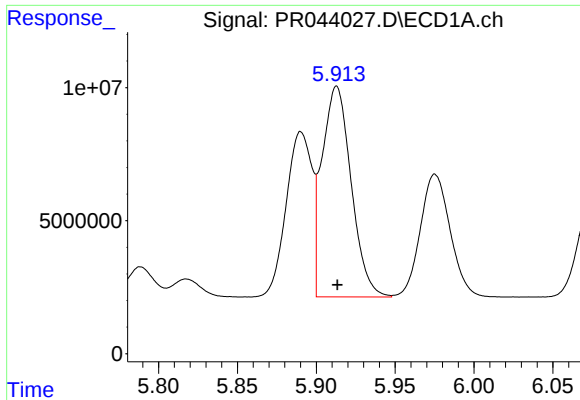
#16 AR-1242-1

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 70407604
Conc: 556.48 ng/ml



#16 AR-1242-1

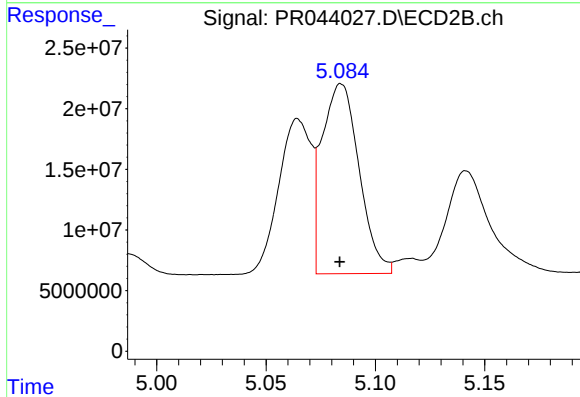
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 132680567
Conc: 461.18 ng/ml



#17 AR-1242-2

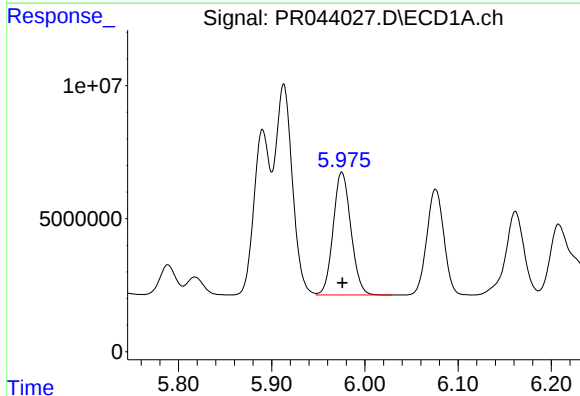
R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 102051443
Conc: 563.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



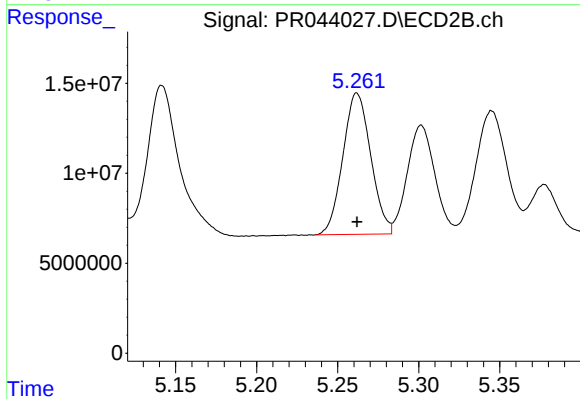
#17 AR-1242-2

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 184982767
Conc: 467.79 ng/ml



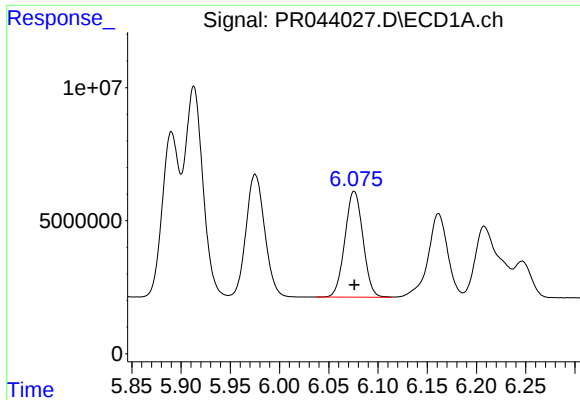
#18 AR-1242-3

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 60953003
Conc: 561.42 ng/ml



#18 AR-1242-3

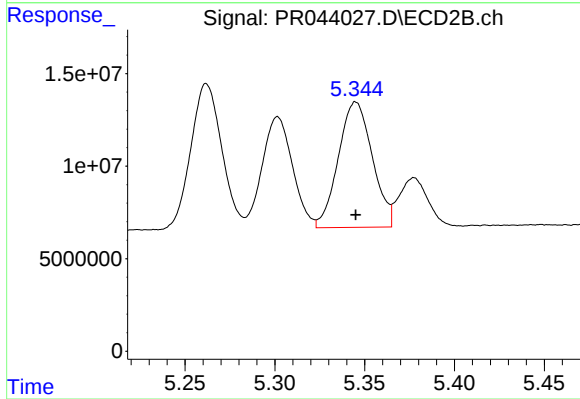
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 94056087
Conc: 494.88 ng/ml



#19 AR-1242-4

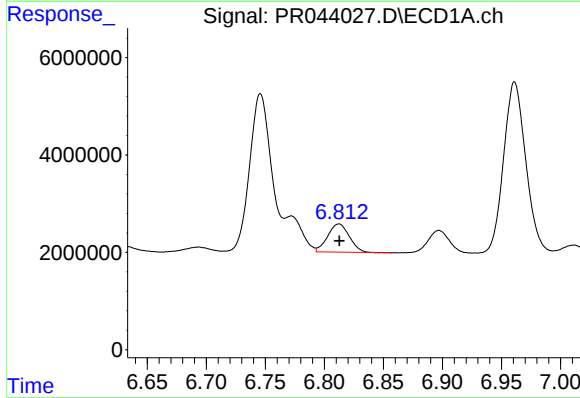
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 50862191
Conc: 563.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



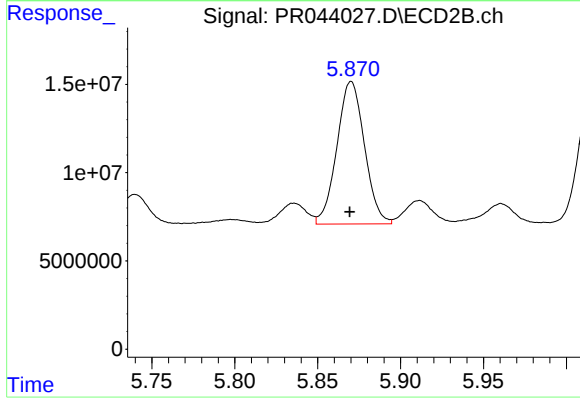
#19 AR-1242-4

R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 89246880
Conc: 488.15 ng/ml



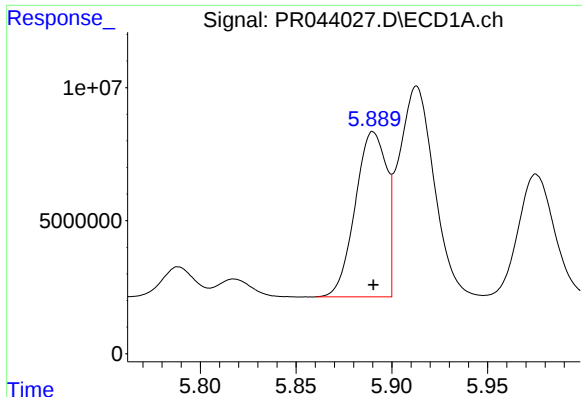
#20 AR-1242-5

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 7421716
Conc: 67.56 ng/ml



#20 AR-1242-5

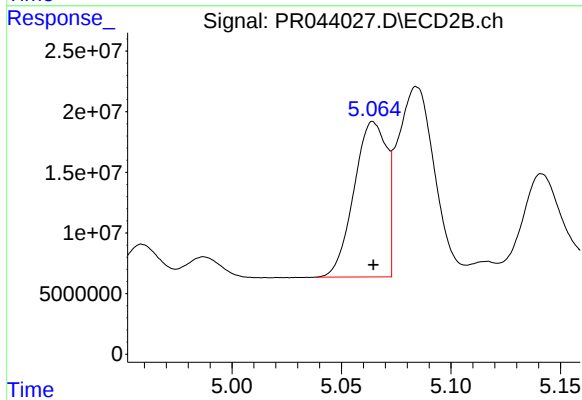
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 93382299
Conc: 314.80 ng/ml



#21 AR-1248-1

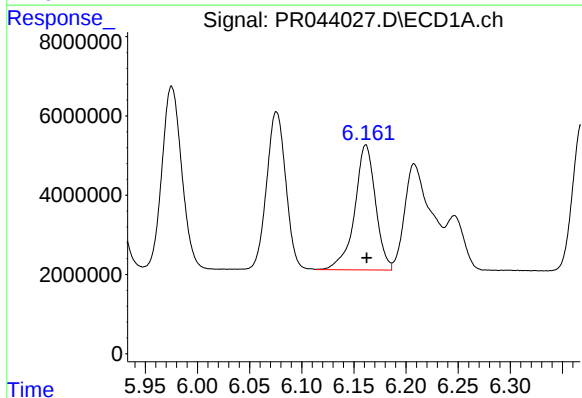
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 70407604
Conc: 703.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



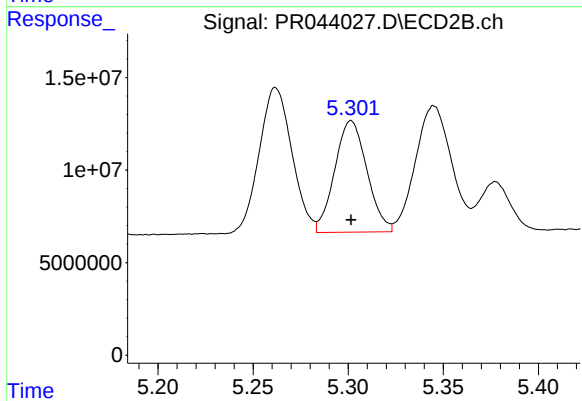
#21 AR-1248-1

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 132680567
Conc: 576.66 ng/ml



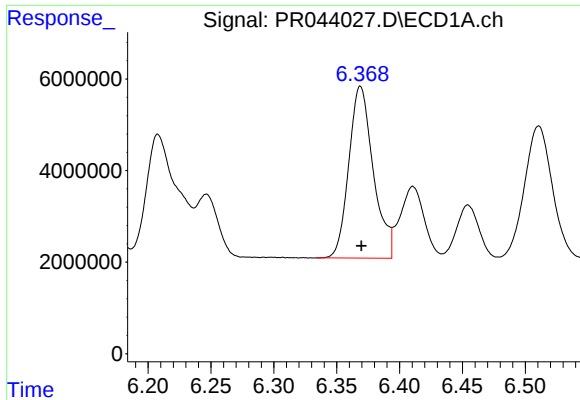
#22 AR-1248-2

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 43897016
Conc: 320.18 ng/ml



#22 AR-1248-2

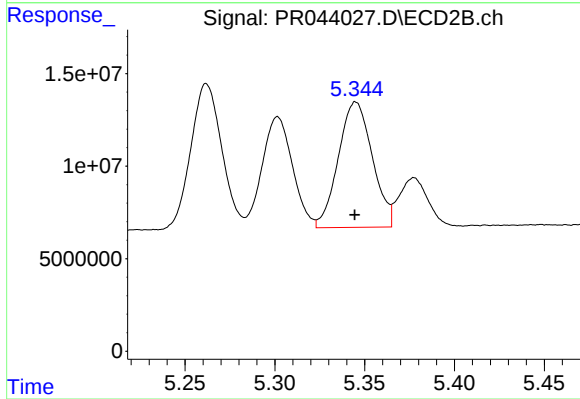
R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 71035396
Conc: 271.48 ng/ml



#23 AR-1248-3

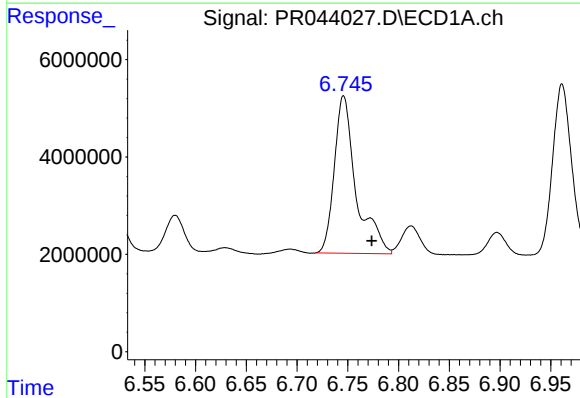
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 50768727
Conc: 321.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



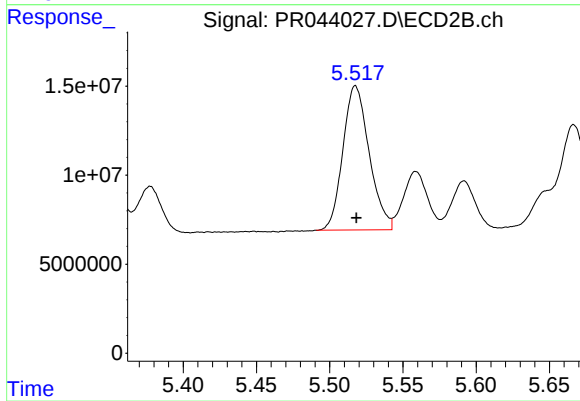
#23 AR-1248-3

R.T.: 5.345 min
Delta R.T.: 0.000 min
Response: 89246880
Conc: 337.10 ng/ml



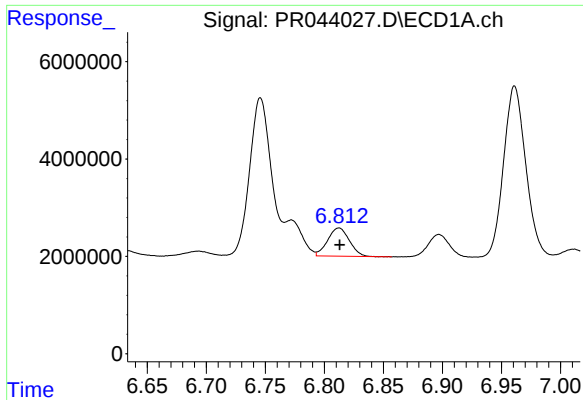
#24 AR-1248-4

R.T.: 6.746 min
Delta R.T.: -0.028 min
Response: 48447987
Conc: 249.50 ng/ml



#24 AR-1248-4

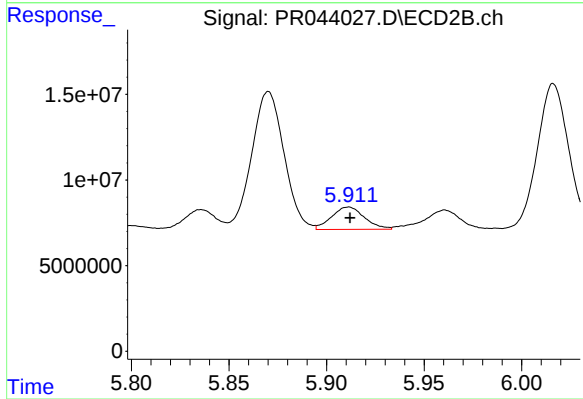
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 101222233
Conc: 304.18 ng/ml



#25 AR-1248-5

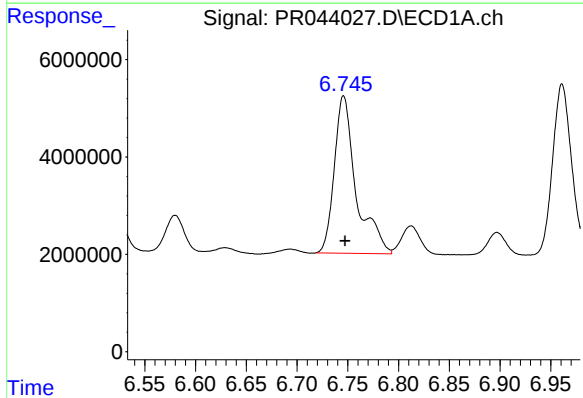
R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 7421716
Conc: 40.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



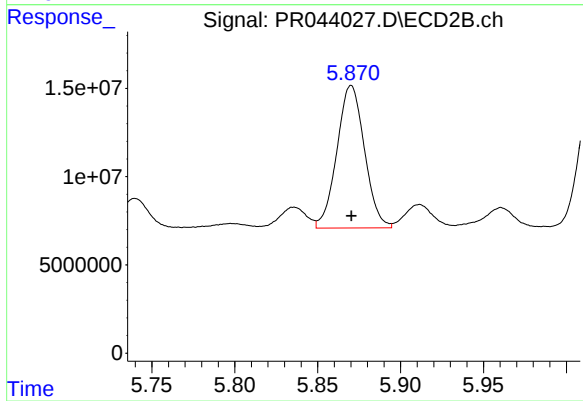
#25 AR-1248-5

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 15367925
Conc: 37.59 ng/ml



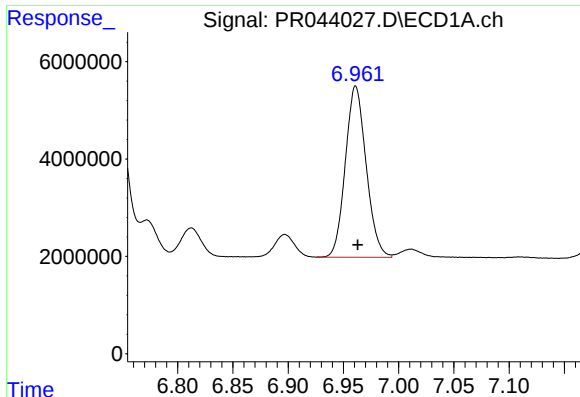
#26 AR-1254-1

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 48447987
Conc: 253.51 ng/ml



#26 AR-1254-1

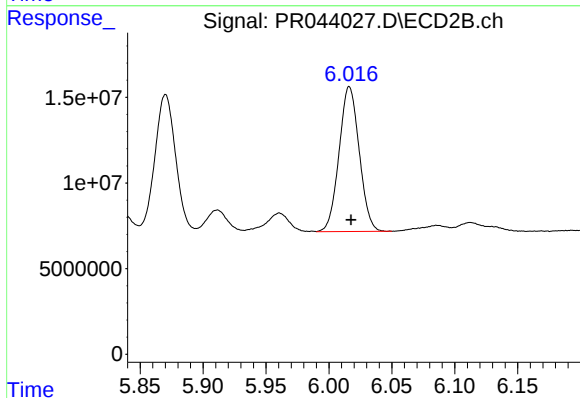
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 93382299
Conc: 155.09 ng/ml



#27 AR-1254-2

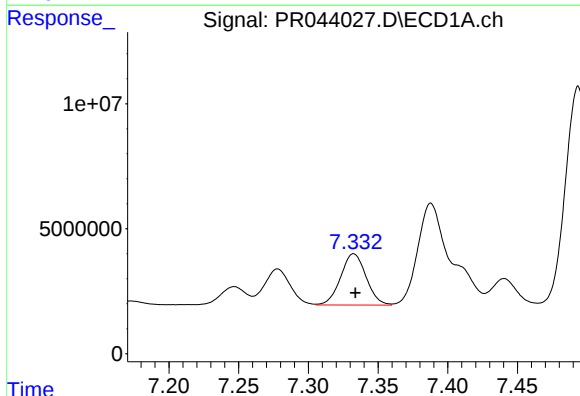
R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 46110682
Conc: 151.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



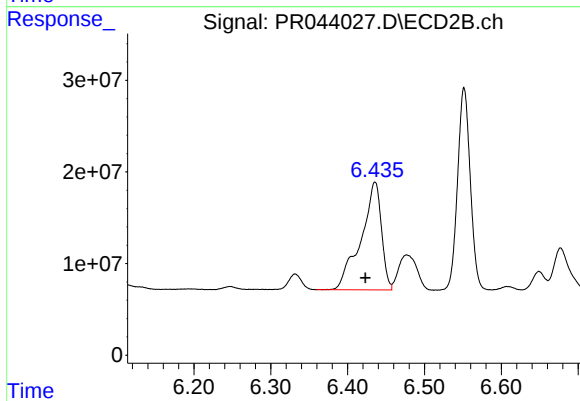
#27 AR-1254-2

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 94395794
Conc: 173.95 ng/ml



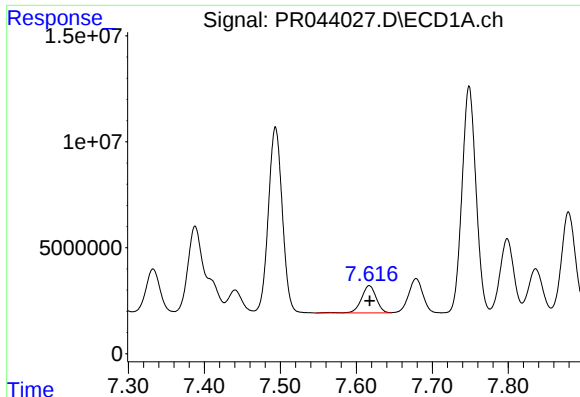
#28 AR-1254-3

R.T.: 7.333 min
Delta R.T.: -0.001 min
Response: 26128549
Conc: 75.77 ng/ml



#28 AR-1254-3

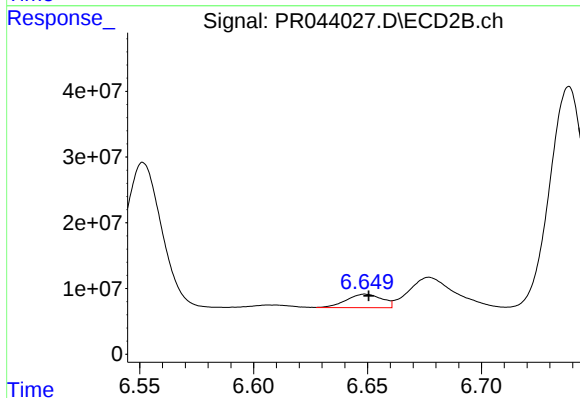
R.T.: 6.436 min
Delta R.T.: 0.013 min
Response: 219357178
Conc: 230.08 ng/ml



#29 AR-1254-4

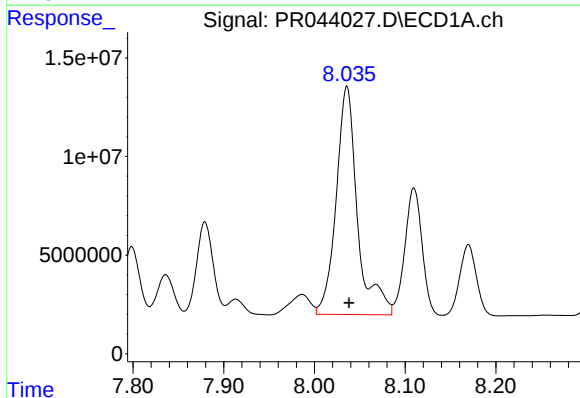
R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 17523398
Conc: 66.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



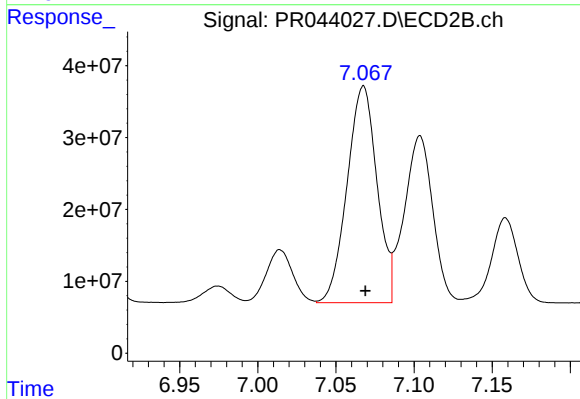
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 22241824
Conc: 33.53 ng/ml



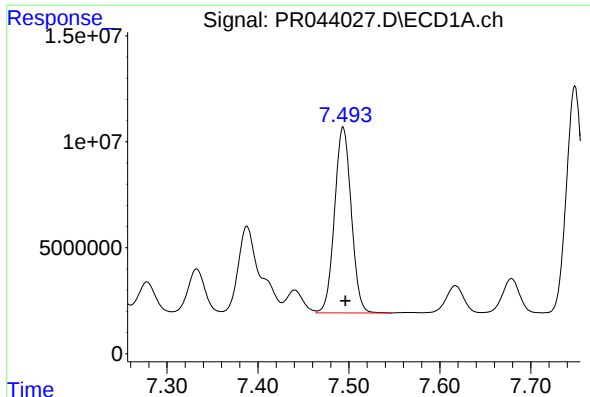
#30 AR-1254-5

R.T.: 8.036 min
Delta R.T.: -0.002 min
Response: 189046518
Conc: 667.11 ng/ml



#30 AR-1254-5

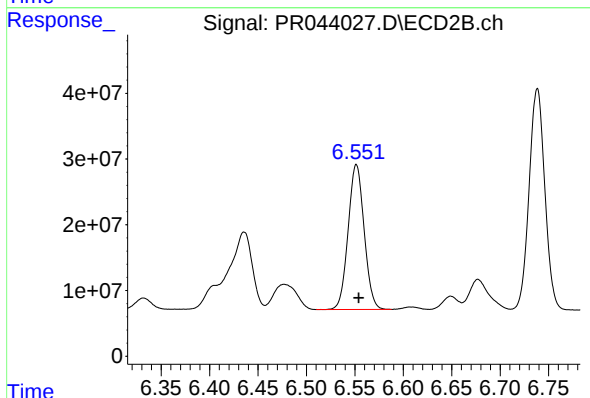
R.T.: 7.068 min
Delta R.T.: -0.001 min
Response: 402046390
Conc: 462.01 ng/ml



#31 AR-1260-1

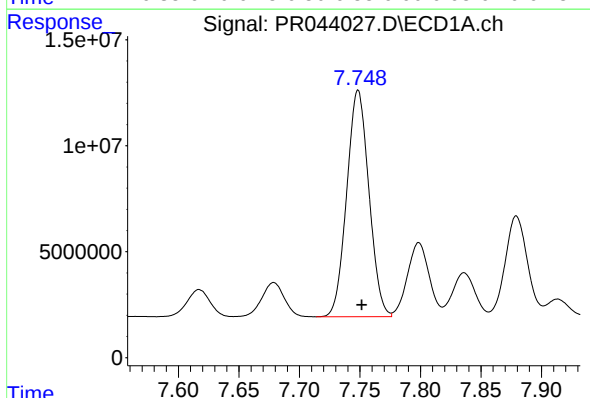
R.T.: 7.494 min
Delta R.T.: -0.002 min
Response: 111666369
Conc: 483.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



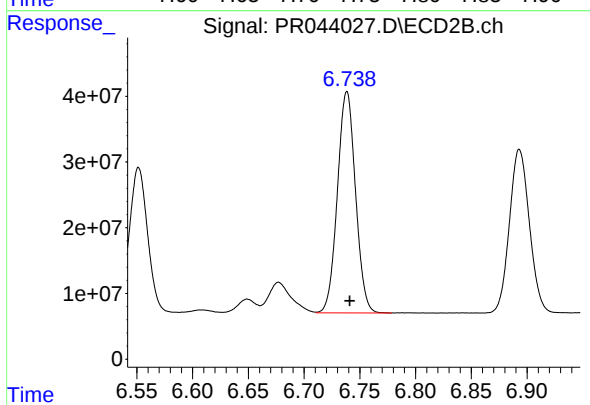
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 253572505
Conc: 464.00 ng/ml



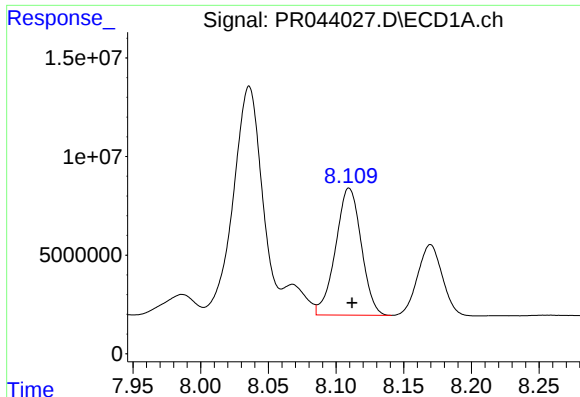
#32 AR-1260-2

R.T.: 7.749 min
Delta R.T.: -0.003 min
Response: 136351649
Conc: 477.87 ng/ml



#32 AR-1260-2

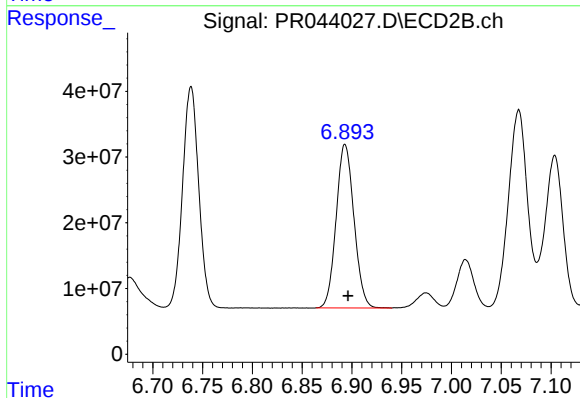
R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 380704236
Conc: 474.38 ng/ml



#33 AR-1260-3

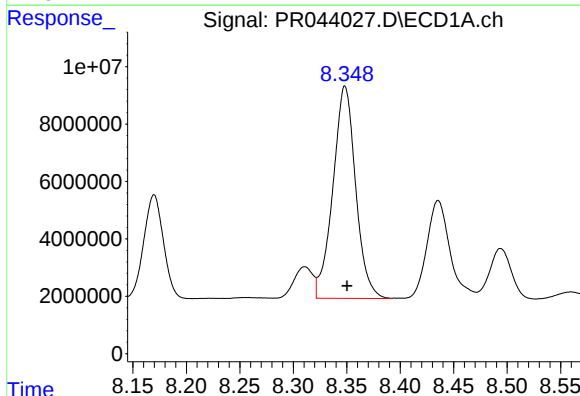
R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 85261203
Conc: 379.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



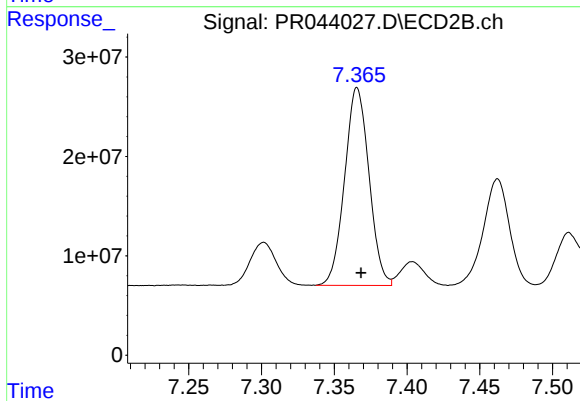
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 309601410
Conc: 463.57 ng/ml



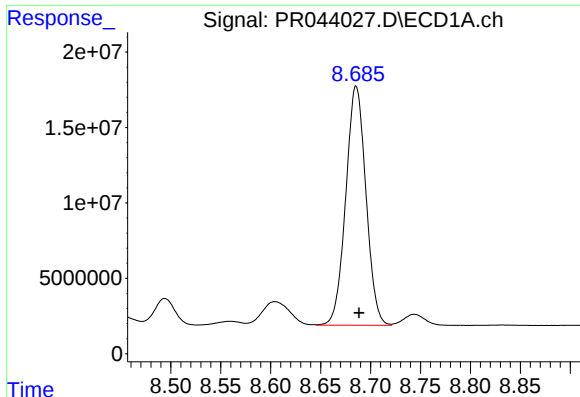
#34 AR-1260-4

R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 109614676
Conc: 423.33 ng/ml



#34 AR-1260-4

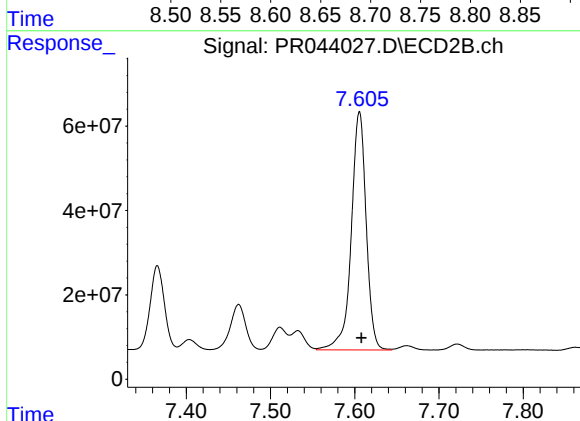
R.T.: 7.366 min
Delta R.T.: -0.003 min
Response: 231968239
Conc: 413.22 ng/ml



#35 AR-1260-5

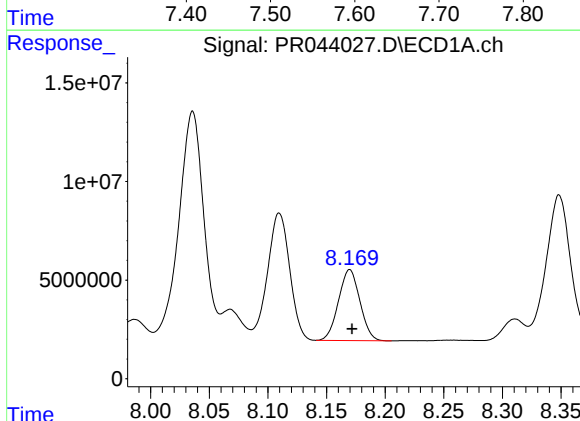
R.T.: 8.686 min
Delta R.T.: -0.003 min
Response: 222992204
Conc: 399.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



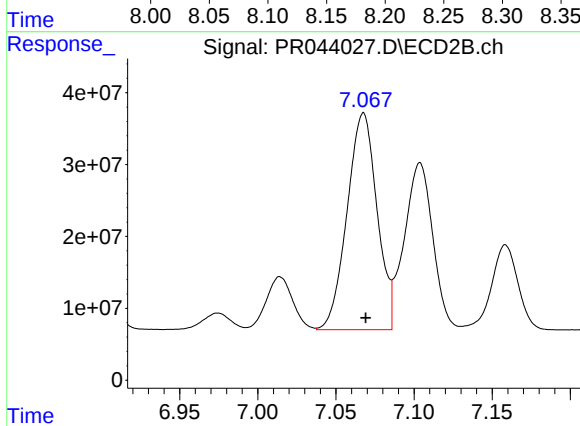
#35 AR-1260-5

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 695234815
Conc: 413.00 ng/ml



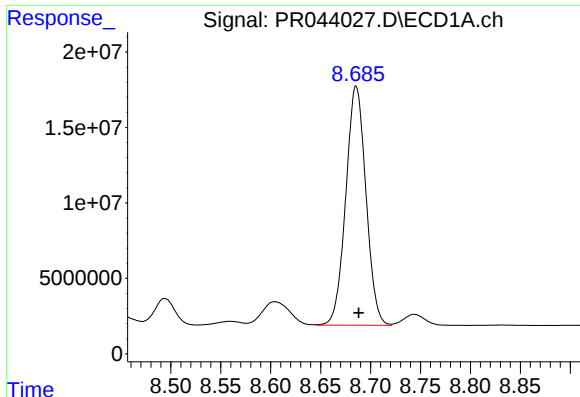
#36 AR-1262-1

R.T.: 8.170 min
Delta R.T.: -0.002 min
Response: 45773407
Conc: 318.23 ng/ml



#36 AR-1262-1

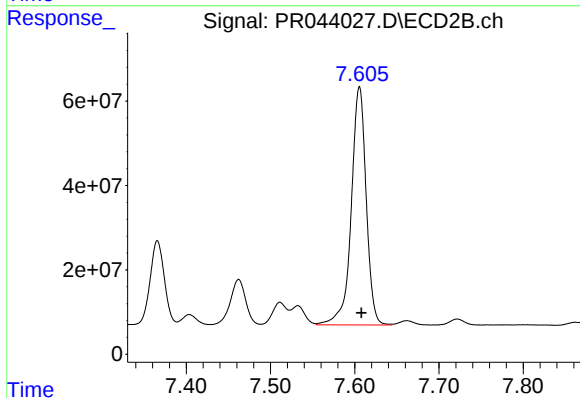
R.T.: 7.068 min
Delta R.T.: -0.001 min
Response: 402046390
Conc: 812.74 ng/ml



#37 AR-1262-2

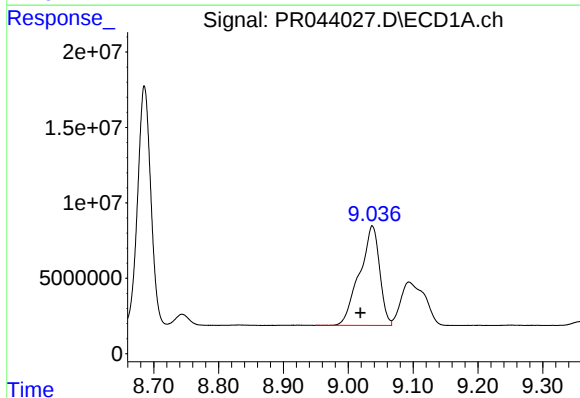
R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 222992204
Conc: 314.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



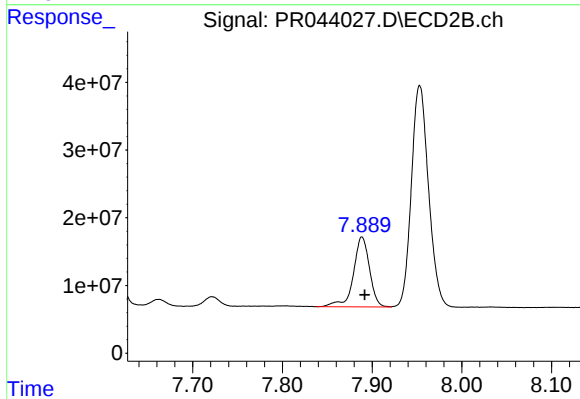
#37 AR-1262-2

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 695234815
Conc: 319.73 ng/ml



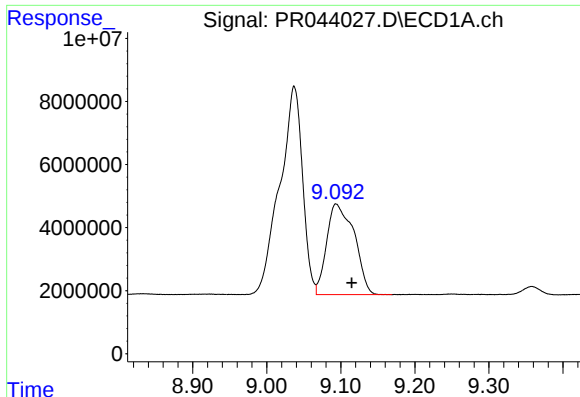
#38 AR-1262-3

R.T.: 9.037 min
Delta R.T.: 0.018 min
Response: 141599232
Conc: 307.39 ng/ml



#38 AR-1262-3

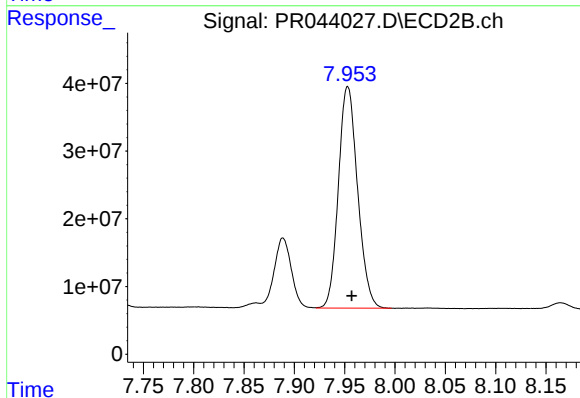
R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 128735071
Conc: 149.05 ng/ml



#39 AR-1262-4

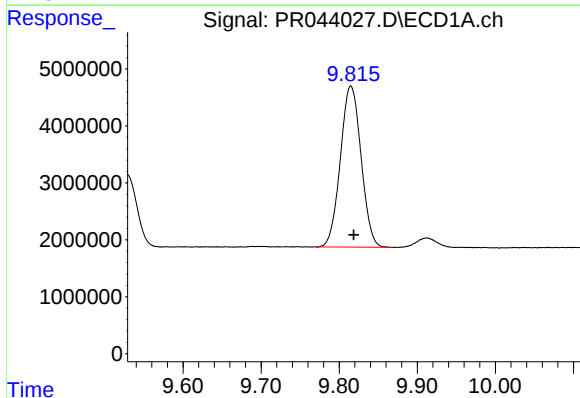
R.T.: 9.094 min
Delta R.T.: -0.021 min
Response: 74249605
Conc: 217.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



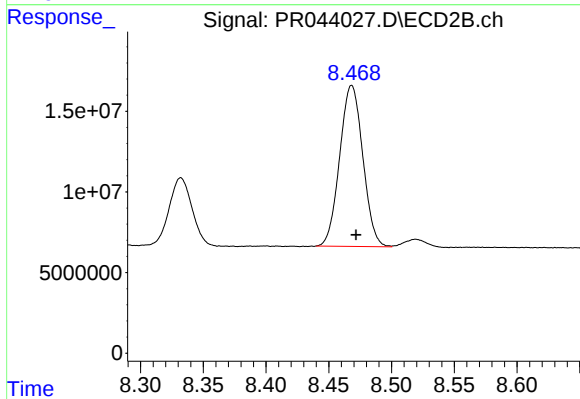
#39 AR-1262-4

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 434681790
Conc: 305.71 ng/ml



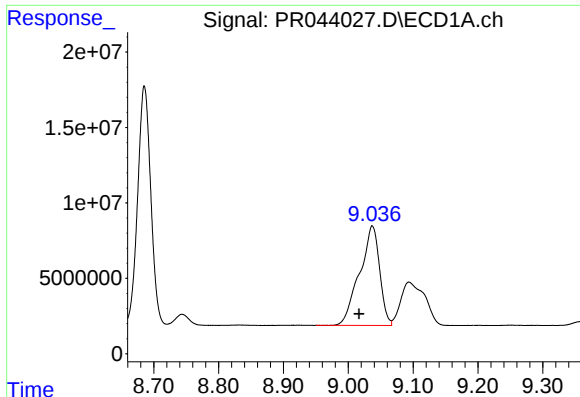
#40 AR-1262-5

R.T.: 9.815 min
Delta R.T.: -0.004 min
Response: 52120044
Conc: 217.10 ng/ml



#40 AR-1262-5

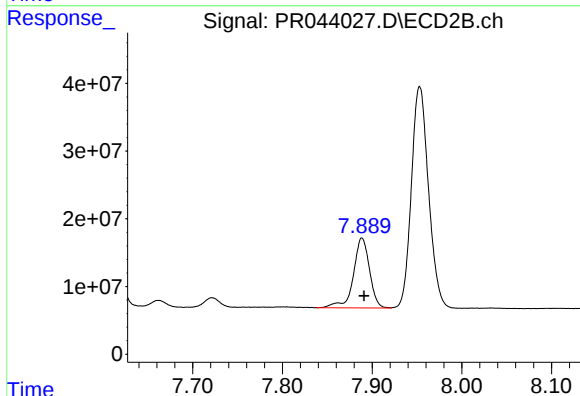
R.T.: 8.468 min
Delta R.T.: -0.004 min
Response: 128173373
Conc: 200.49 ng/ml



#41 AR-1268-1

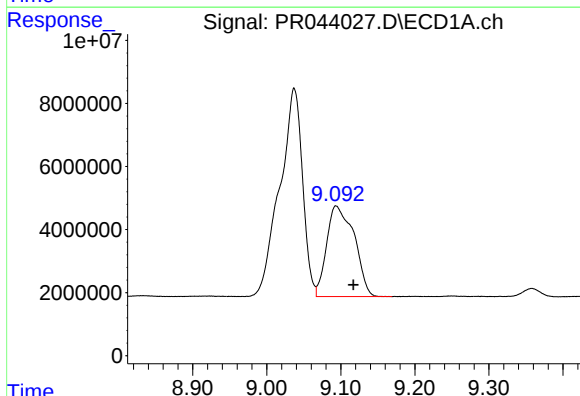
R.T.: 9.037 min
Delta R.T.: 0.021 min
Response: 141599232
Conc: 175.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



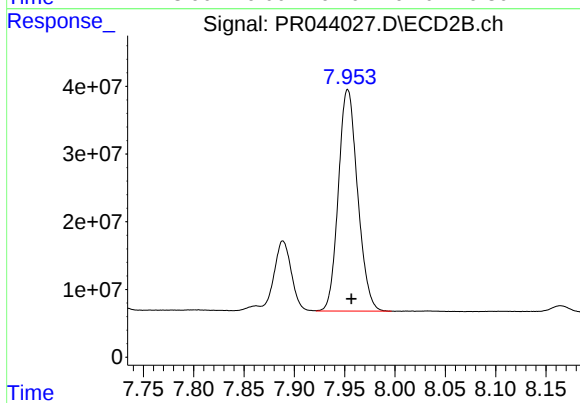
#41 AR-1268-1

R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 128735071
Conc: 52.65 ng/ml



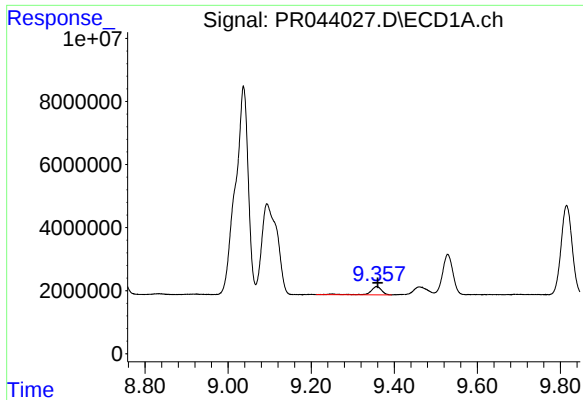
#42 AR-1268-2

R.T.: 9.094 min
Delta R.T.: -0.023 min
Response: 74249605
Conc: 100.77 ng/ml



#42 AR-1268-2

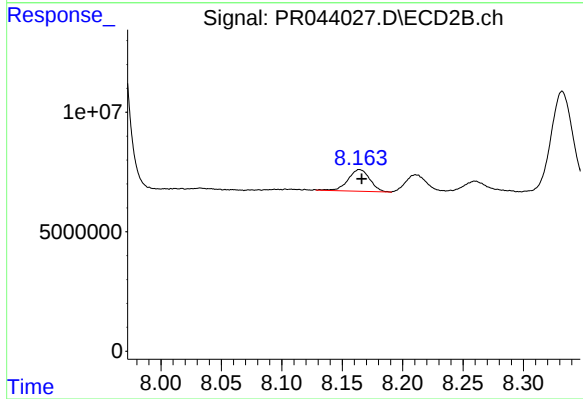
R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 434681790
Conc: 207.82 ng/ml



#43 AR-1268-3

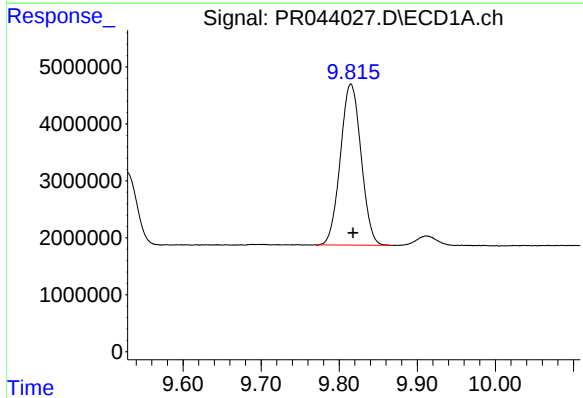
R.T.: 9.358 min
Delta R.T.: -0.002 min
Response: 4708812
Conc: 7.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



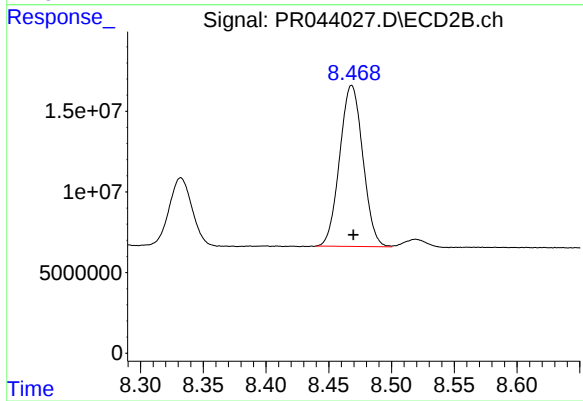
#43 AR-1268-3

R.T.: 8.164 min
Delta R.T.: -0.002 min
Response: 11367224
Conc: 6.31 ng/ml



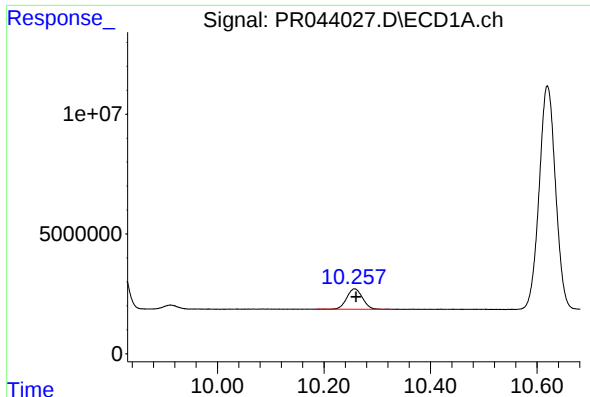
#44 AR-1268-4

R.T.: 9.815 min
Delta R.T.: -0.003 min
Response: 52120044
Conc: 197.01 ng/ml



#44 AR-1268-4

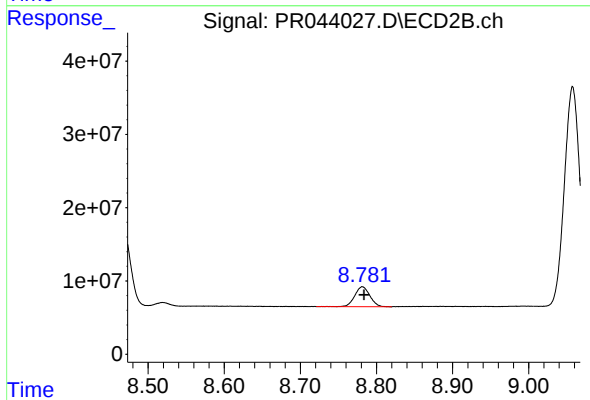
R.T.: 8.468 min
Delta R.T.: -0.001 min
Response: 128173373
Conc: 181.89 ng/ml



#45 AR-1268-5

R.T.: 10.258 min
Delta R.T.: -0.003 min
Response: 17584086
Conc: 8.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.782 min
Delta R.T.: -0.002 min
Response: 37951326
Conc: 7.78 ng/ml