

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111820\
 Data File : PR048690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2020 13:06
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 14:21:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 04 04:25:33 2020
 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...	4.726	3.881	138.9E6	156.8E6	56.733	53.990
2)	SA Decachlor...	10.653	8.995	110.1E6	646.8E6	41.794	44.288
Target Compounds							
3)	L1 AR-1016-1	5.903	4.969	49327488	37565811	527.930	461.566
4)	L1 AR-1016-2	5.926	4.988	70993567	81875688	543.931	490.700
5)	L1 AR-1016-3	5.989	5.165	43770570	50993996	550.076	512.688
6)	L1 AR-1016-4	6.090	5.206	36930712	24269572	567.031	543.445
7)	L1 AR-1016-5	6.384	5.423	35242694	39019413	552.134	474.432
8)	L2 AR-1221-1	4.929	4.089	4748829	5593687	176.932	222.285 #
9)	L2 AR-1221-2	5.022	4.177	6563593	7935756	330.626	362.039
10)	L2 AR-1221-3	5.100	4.253	24490923	25316108	400.837	391.381
11)	L3 AR-1232-1	5.100	4.253	24490923	25316108	457.788	458.424
12)	L3 AR-1232-2	5.635	4.988	31910601	81875688	1149.728	1160.197
13)	L3 AR-1232-3	5.926	5.165	70993567	50993996	1297.586	1174.223
14)	L3 AR-1232-4	6.090	5.250	36930712	34452524	1386.756	1410.820
15)	L3 AR-1232-5	6.177	5.423	32807782	39019413	1589.360	1371.457
16)	L4 AR-1242-1	5.903	4.969	49327488	37565811	770.911	685.684
17)	L4 AR-1242-2	5.926	4.988	70993567	81875688	779.826	703.279
18)	L4 AR-1242-3	5.989	5.165	43770570	50993996	786.398	724.810
19)	L4 AR-1242-4	6.090	5.250	36930712	34452524	809.367	749.028
20)	L4 AR-1242-5	6.830	5.777	5356917	28336451	107.202	377.630 #
21)	L5 AR-1248-1	5.903	4.969	49327488	37565811	1024.656	855.920
22)	L5 AR-1248-2	6.177	5.206	32807782	24269572	486.327	443.727
23)	L5 AR-1248-3	6.384	5.250	35242694	34452524	470.024	515.310
24)	L5 AR-1248-4	6.788	5.423	5991918	39019413	68.822	432.443 #
25)	L5 AR-1248-5	6.830	5.819	5356917	8000535	63.873	57.955
26)	L6 AR-1254-1	6.762	5.777	23028273	28336451	262.359	183.638 #
27)	L6 AR-1254-2	6.979	5.926	23371488	31792998	176.673	188.130
28)	L6 AR-1254-3	7.351	6.349f	13398391	101.3E6	95.793	302.675 #
29)	L6 AR-1254-4	7.636	6.566	9447474	21228415	87.209	38.549 #
30)	L6 AR-1254-5	8.056	6.987	71846214	264.9E6	623.734	454.991 #
31)	L7 AR-1260-1	7.512	6.465	50684896	88683217	445.996	466.658
32)	L7 AR-1260-2	7.769	6.656	61746828	303.9E6	439.780	464.509
33)	L7 AR-1260-3	8.130	6.812	47935443	182.6E6	449.504	427.444
34)	L7 AR-1260-4	8.370	7.290	55845307	239.6E6	449.518	472.760
35)	L7 AR-1260-5	8.708	7.536	113.2E6	983.7E6	452.198	483.304
36)	L8 AR-1262-1	8.130	6.987	47935443	264.9E6	354.648	875.254 #
37)	L8 AR-1262-2	8.708	7.536	113.2E6	983.7E6	456.969	479.520
38)	L8 AR-1262-3	9.062f	7.825	72710366	212.2E6	416.803	264.411 #
39)	L8 AR-1262-4	9.119f	7.891	45902295	634.7E6	341.059	464.217 #
40)	L8 AR-1262-5	9.843	8.410	35146742	257.9E6	352.224	366.914
41)	L9 AR-1268-1	9.062f	7.825	72710366	212.2E6	224.890	81.169 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

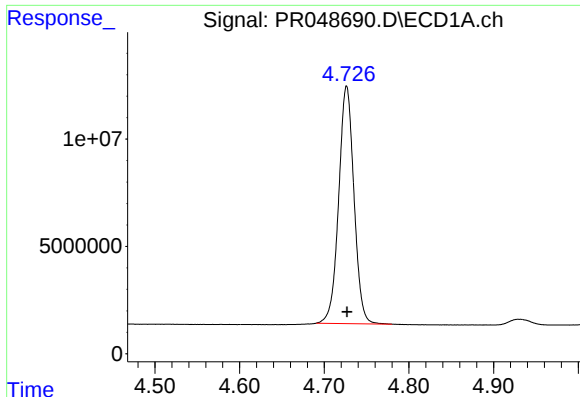
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 14:21:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110320.M
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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
42) L9	AR-1268-2	9.119f	7.891	45902295	634.7E6	150.483	277.934 #
43) L9	AR-1268-3	9.382	8.103	2042507	11227277	7.992	5.726 #
44) L9	AR-1268-4	9.843	8.410	35146742	257.9E6	295.729	332.784
45) L9	AR-1268-5	10.290	8.723	10736325	59063166	12.589	10.466

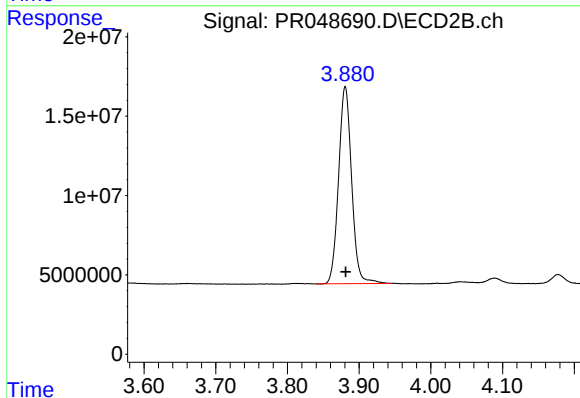
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

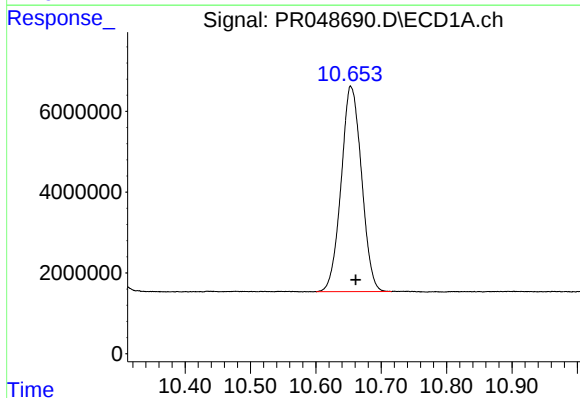
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 138876204
Conc: 56.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



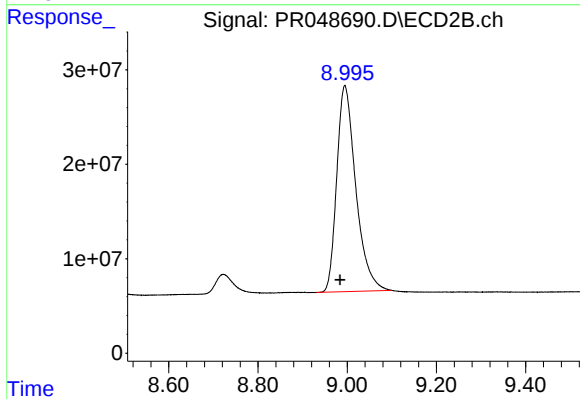
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 156763608
Conc: 53.99 ng/ml



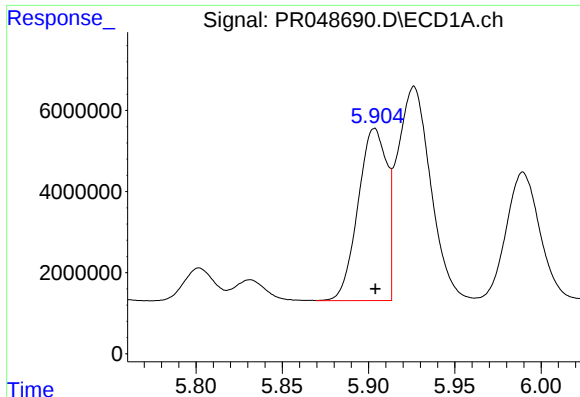
#2 Decachlorobiphenyl

R.T.: 10.653 min
Delta R.T.: -0.008 min
Response: 110118312
Conc: 41.79 ng/ml



#2 Decachlorobiphenyl

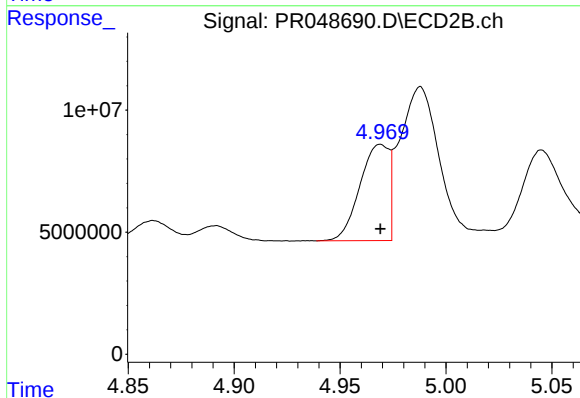
R.T.: 8.995 min
Delta R.T.: 0.011 min
Response: 646849428
Conc: 44.29 ng/ml



#3 AR-1016-1

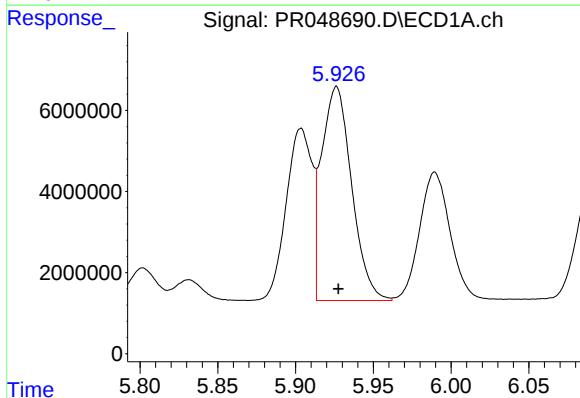
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 49327488
Conc: 527.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



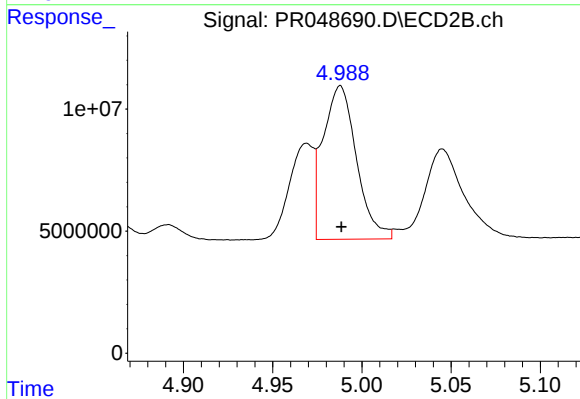
#3 AR-1016-1

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 37565811
Conc: 461.57 ng/ml



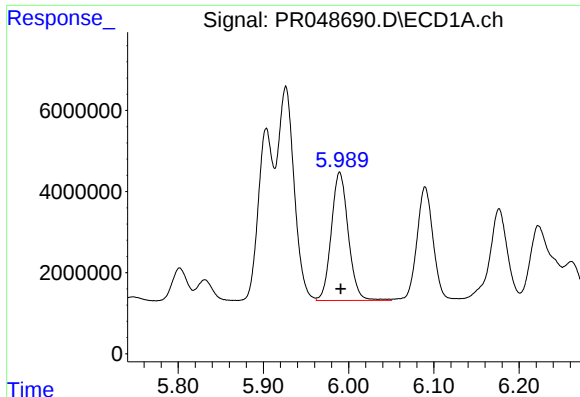
#4 AR-1016-2

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 70993567
Conc: 543.93 ng/ml



#4 AR-1016-2

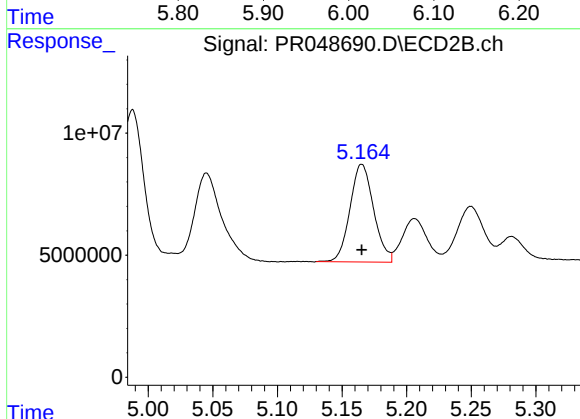
R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 81875688
Conc: 490.70 ng/ml



#5 AR-1016-3

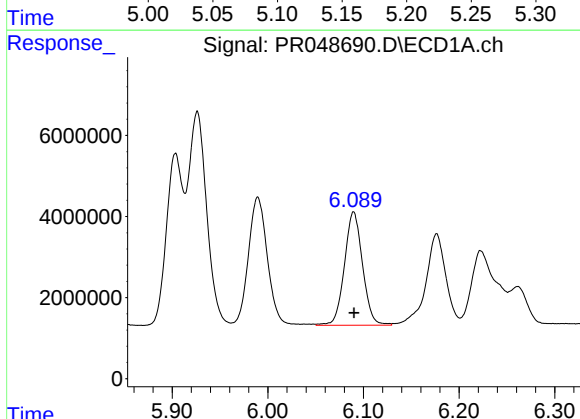
R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 43770570
Conc: 550.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



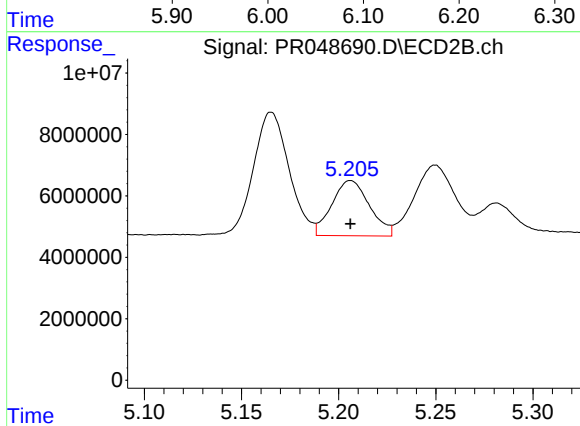
#5 AR-1016-3

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 50993996
Conc: 512.69 ng/ml



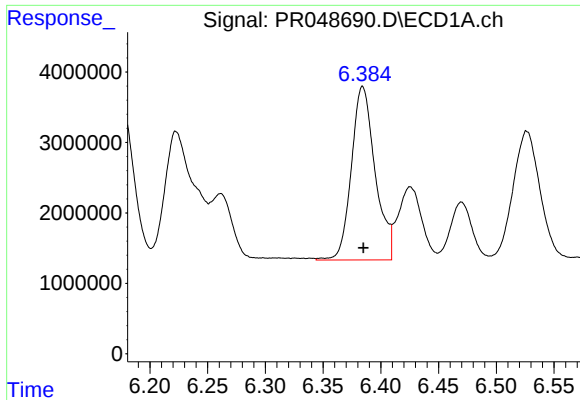
#6 AR-1016-4

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 36930712
Conc: 567.03 ng/ml



#6 AR-1016-4

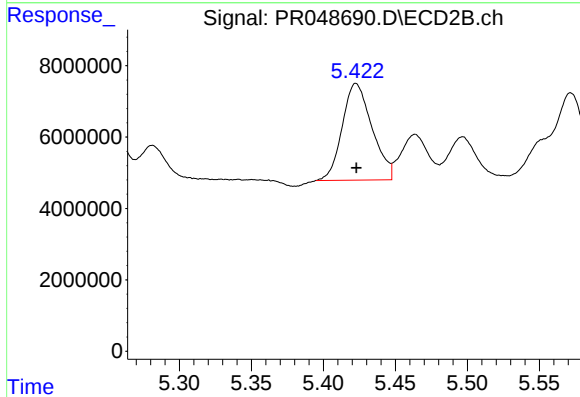
R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 24269572
Conc: 543.44 ng/ml



#7 AR-1016-5

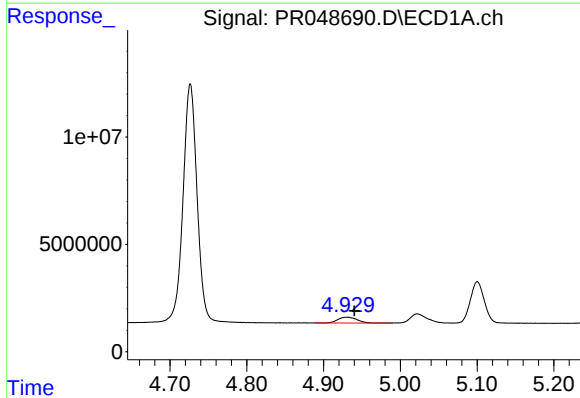
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 35242694
Conc: 552.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



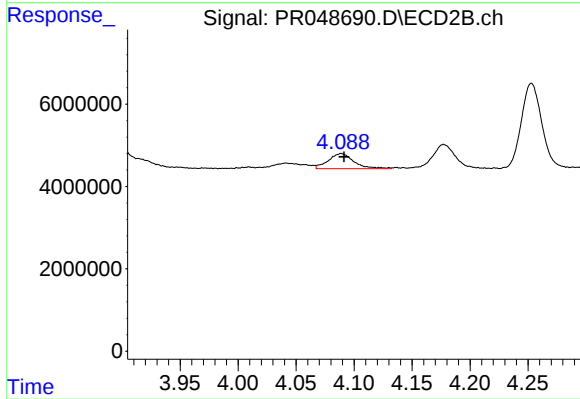
#7 AR-1016-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 39019413
Conc: 474.43 ng/ml



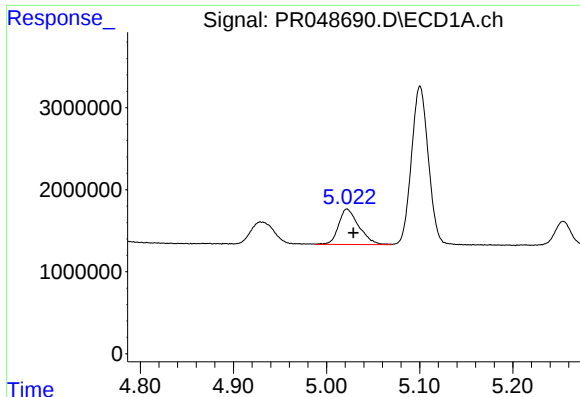
#8 AR-1221-1

R.T.: 4.929 min
Delta R.T.: -0.011 min
Response: 4748829
Conc: 176.93 ng/ml



#8 AR-1221-1

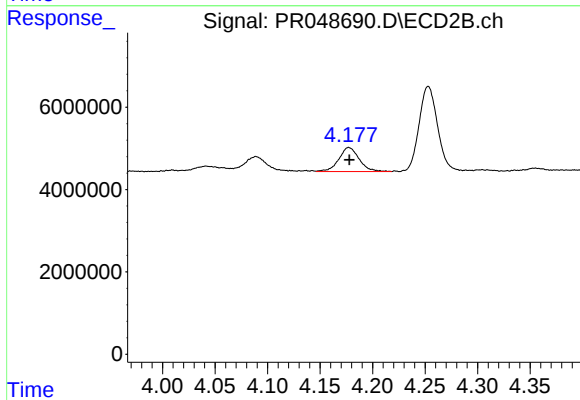
R.T.: 4.089 min
Delta R.T.: -0.003 min
Response: 5593687
Conc: 222.29 ng/ml



#9 AR-1221-2

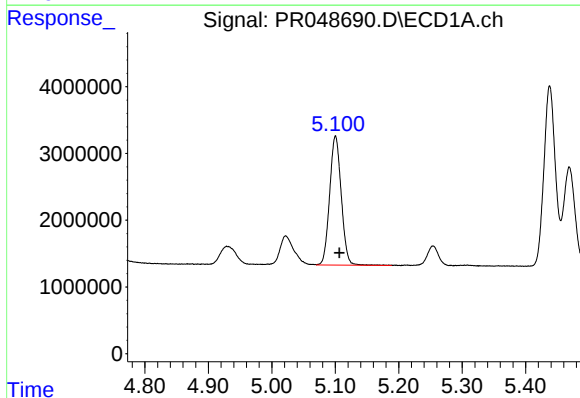
R.T.: 5.022 min
Delta R.T.: -0.007 min
Response: 6563593
Conc: 330.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



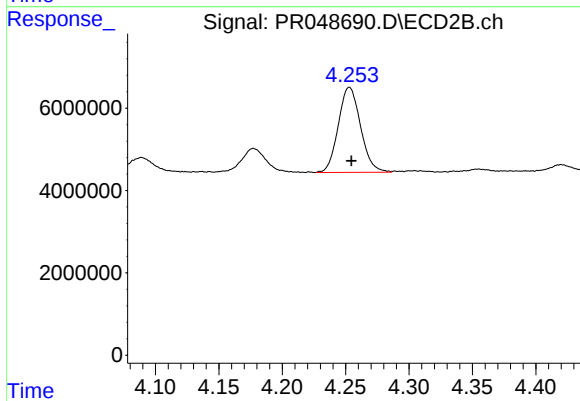
#9 AR-1221-2

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 7935756
Conc: 362.04 ng/ml



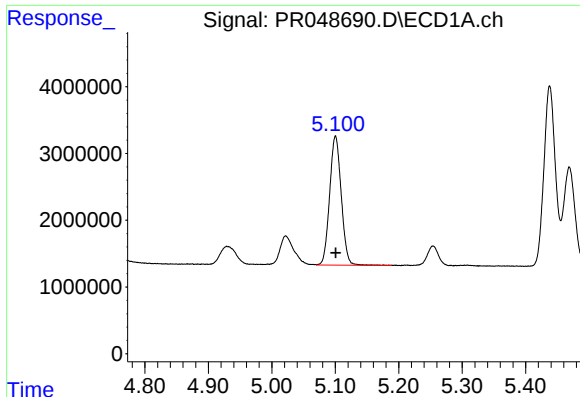
#10 AR-1221-3

R.T.: 5.100 min
Delta R.T.: -0.006 min
Response: 24490923
Conc: 400.84 ng/ml



#10 AR-1221-3

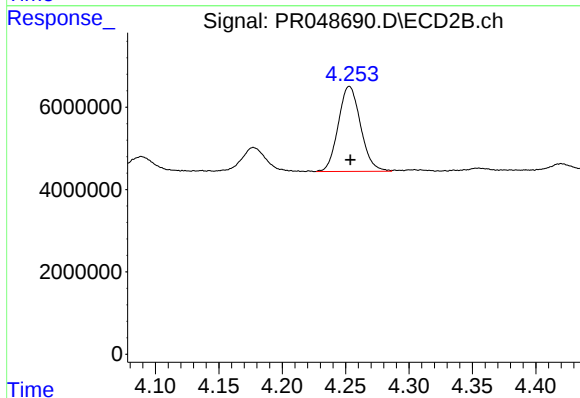
R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 25316108
Conc: 391.38 ng/ml



#11 AR-1232-1

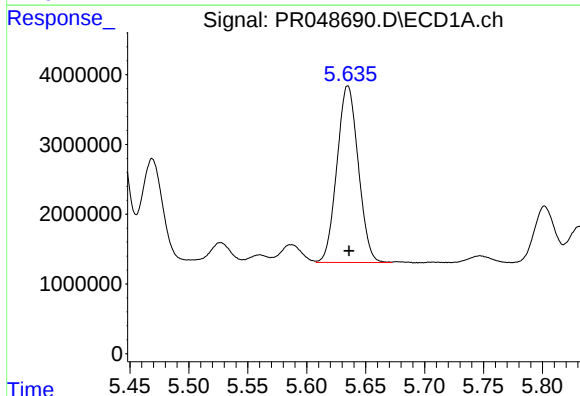
R.T.: 5.100 min
Delta R.T.: 0.000 min
Response: 24490923
Conc: 457.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



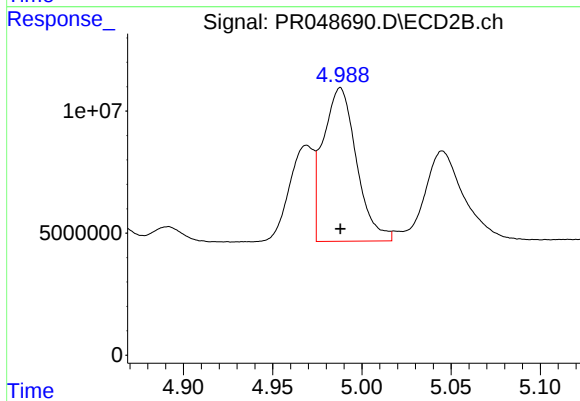
#11 AR-1232-1

R.T.: 4.253 min
Delta R.T.: 0.000 min
Response: 25316108
Conc: 458.42 ng/ml



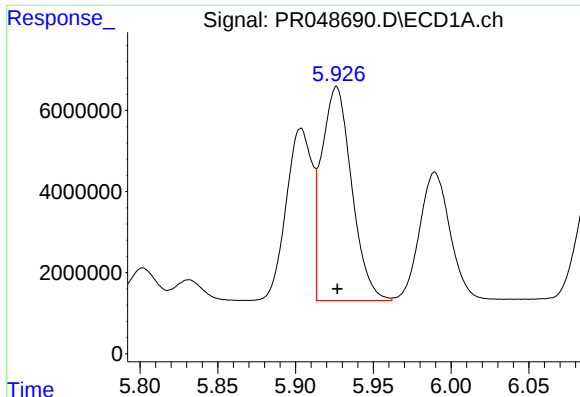
#12 AR-1232-2

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 31910601
Conc: 1149.73 ng/ml



#12 AR-1232-2

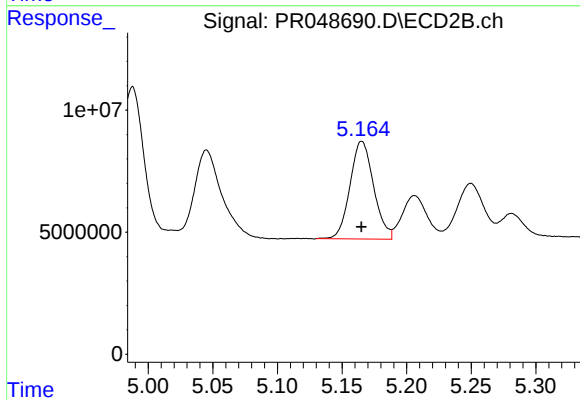
R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 81875688
Conc: 1160.20 ng/ml



#13 AR-1232-3

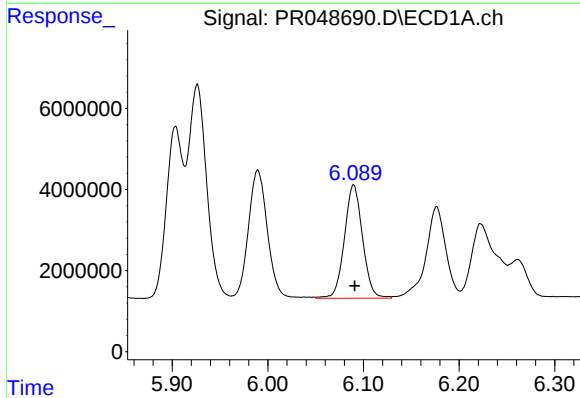
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 70993567
Conc: 1297.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



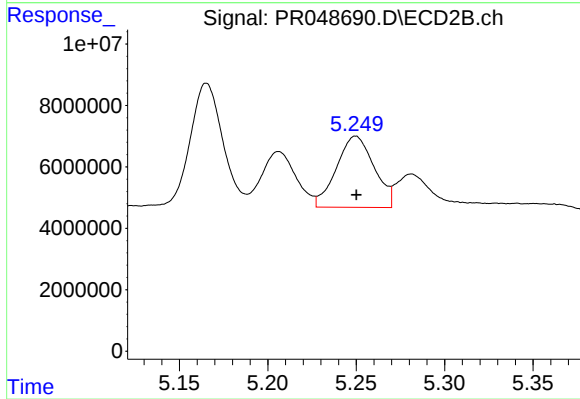
#13 AR-1232-3

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 50993996
Conc: 1174.22 ng/ml



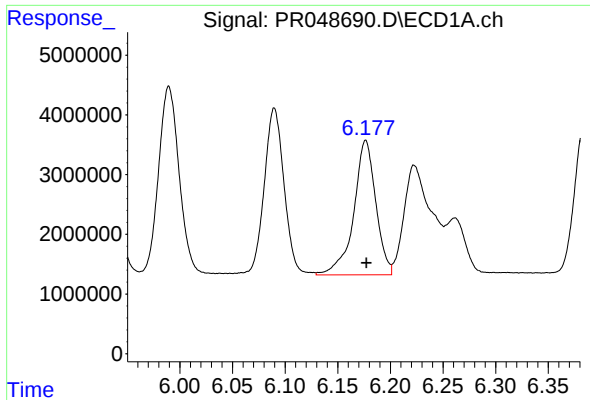
#14 AR-1232-4

R.T.: 6.090 min
Delta R.T.: -0.001 min
Response: 36930712
Conc: 1386.76 ng/ml



#14 AR-1232-4

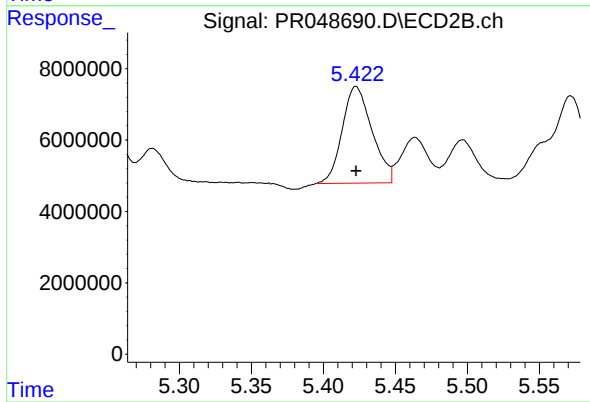
R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 34452524
Conc: 1410.82 ng/ml



#15 AR-1232-5

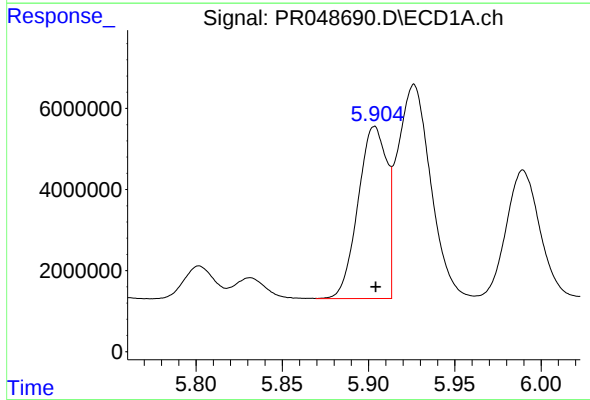
R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 32807782
Conc: 1589.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



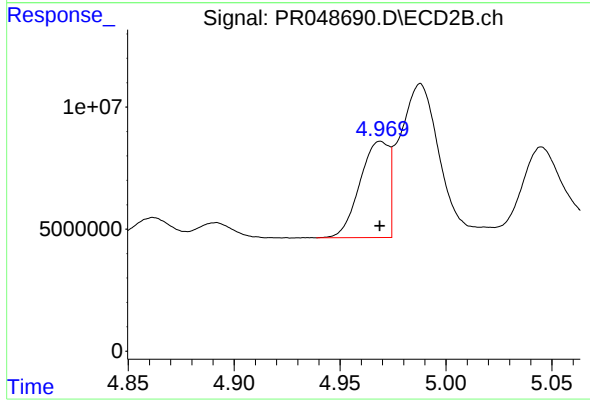
#15 AR-1232-5

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 39019413
Conc: 1371.46 ng/ml



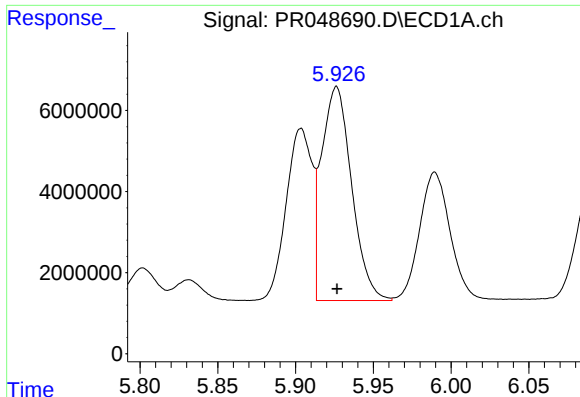
#16 AR-1242-1

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 49327488
Conc: 770.91 ng/ml



#16 AR-1242-1

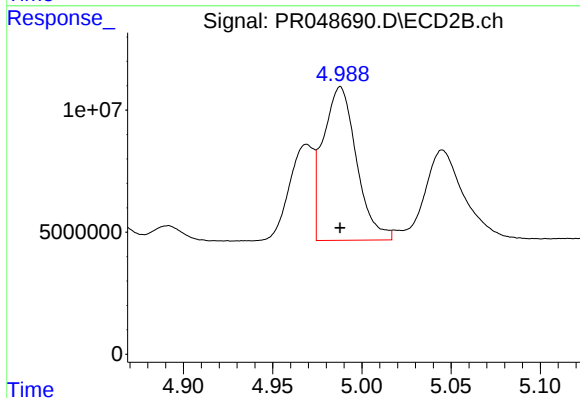
R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 37565811
Conc: 685.68 ng/ml



#17 AR-1242-2

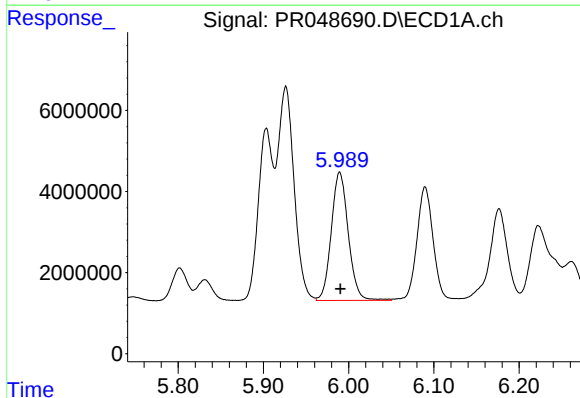
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 70993567
Conc: 779.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



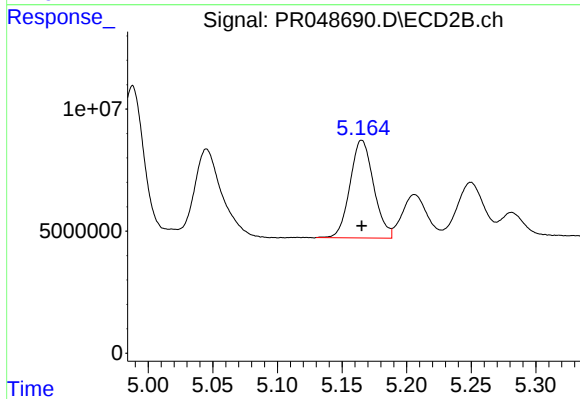
#17 AR-1242-2

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 81875688
Conc: 703.28 ng/ml



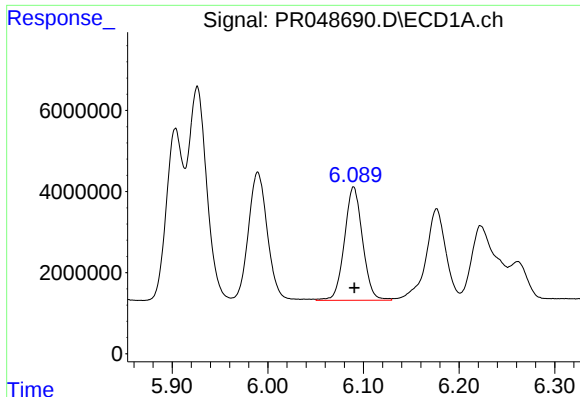
#18 AR-1242-3

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 43770570
Conc: 786.40 ng/ml



#18 AR-1242-3

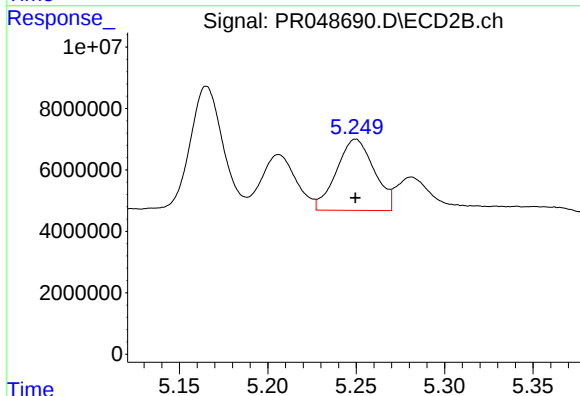
R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 50993996
Conc: 724.81 ng/ml



#19 AR-1242-4

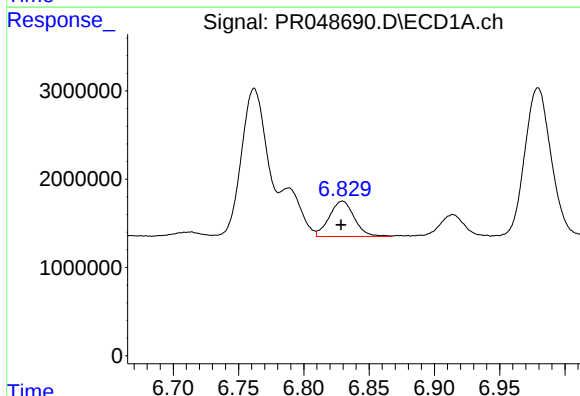
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 36930712
Conc: 809.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



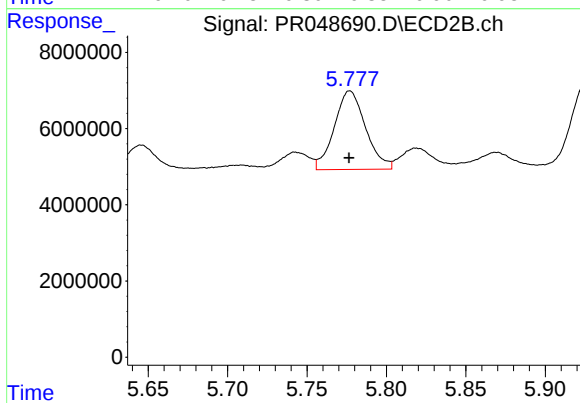
#19 AR-1242-4

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 34452524
Conc: 749.03 ng/ml



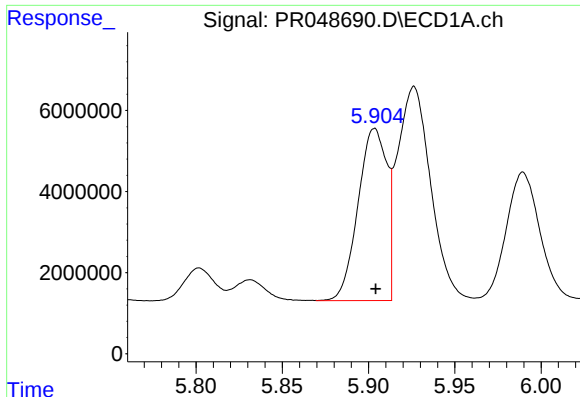
#20 AR-1242-5

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 5356917
Conc: 107.20 ng/ml



#20 AR-1242-5

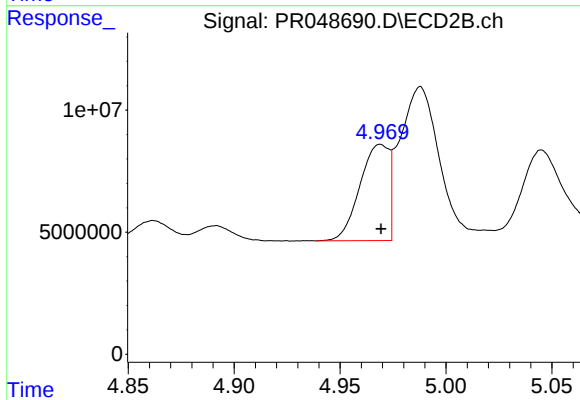
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 28336451
Conc: 377.63 ng/ml



#21 AR-1248-1

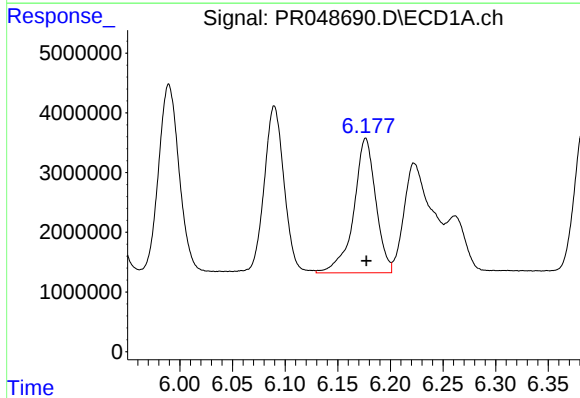
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 49327488
Conc: 1024.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



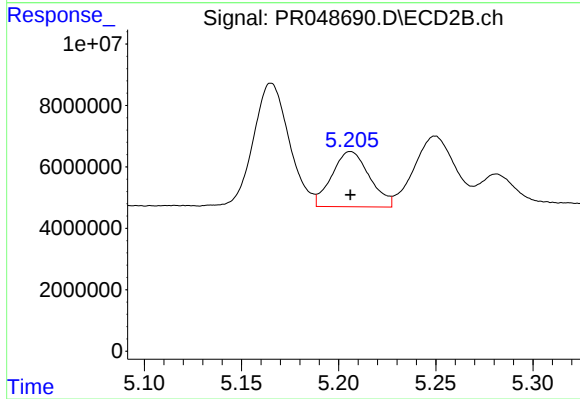
#21 AR-1248-1

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 37565811
Conc: 855.92 ng/ml



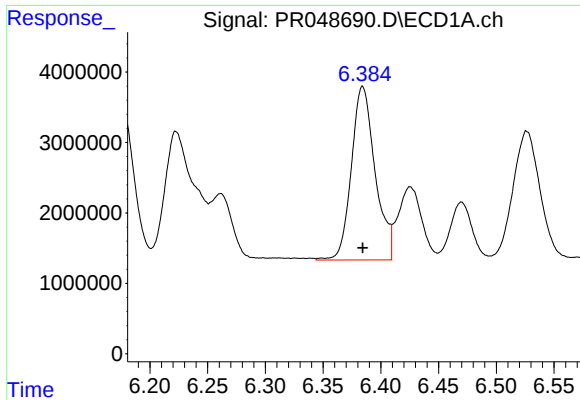
#22 AR-1248-2

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 32807782
Conc: 486.33 ng/ml



#22 AR-1248-2

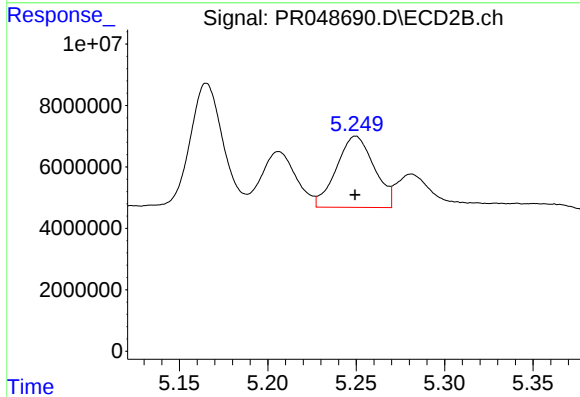
R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 24269572
Conc: 443.73 ng/ml



#23 AR-1248-3

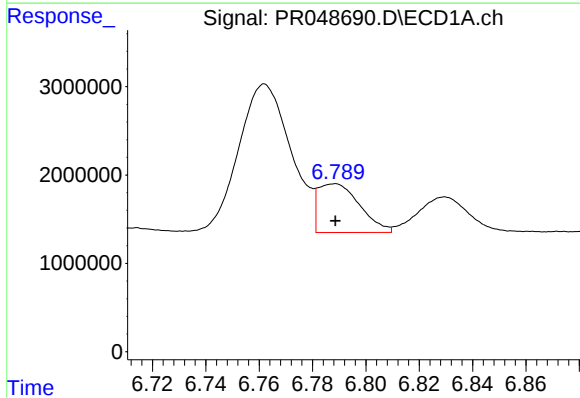
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 35242694
Conc: 470.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



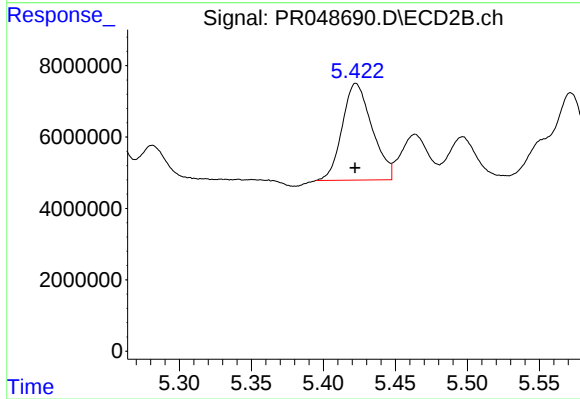
#23 AR-1248-3

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 34452524
Conc: 515.31 ng/ml



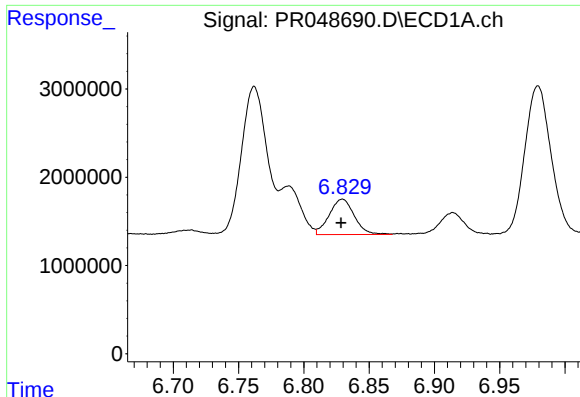
#24 AR-1248-4

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 5991918
Conc: 68.82 ng/ml



#24 AR-1248-4

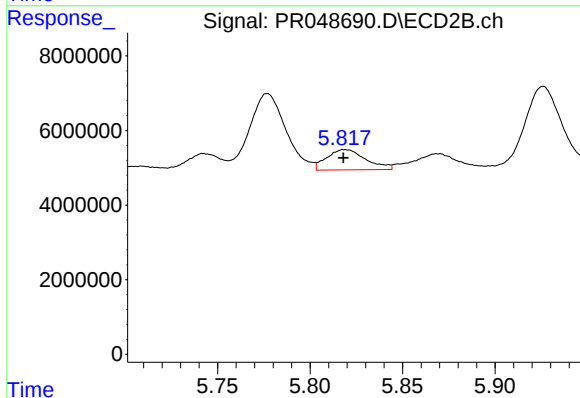
R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 39019413
Conc: 432.44 ng/ml



#25 AR-1248-5

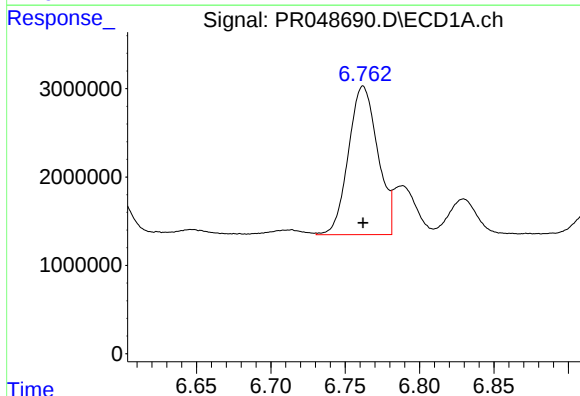
R.T.: 6.830 min
Delta R.T.: 0.001 min
Response: 5356917
Conc: 63.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



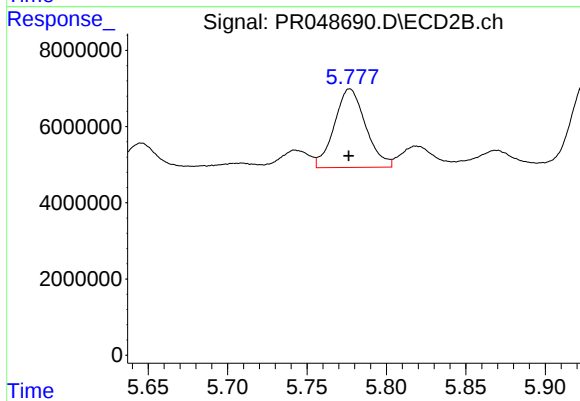
#25 AR-1248-5

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 8000535
Conc: 57.96 ng/ml



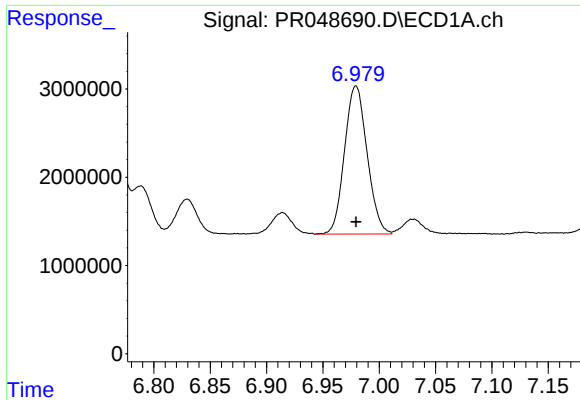
#26 AR-1254-1

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 23028273
Conc: 262.36 ng/ml



#26 AR-1254-1

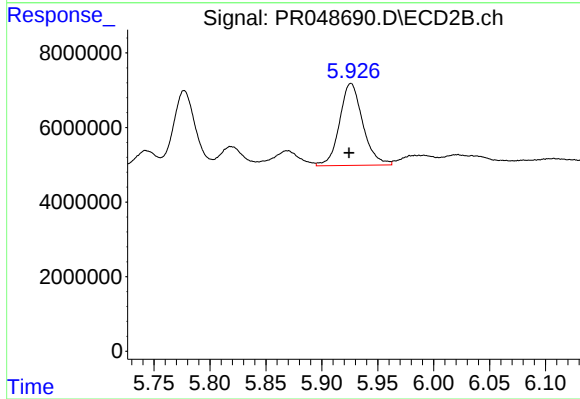
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 28336451
Conc: 183.64 ng/ml



#27 AR-1254-2

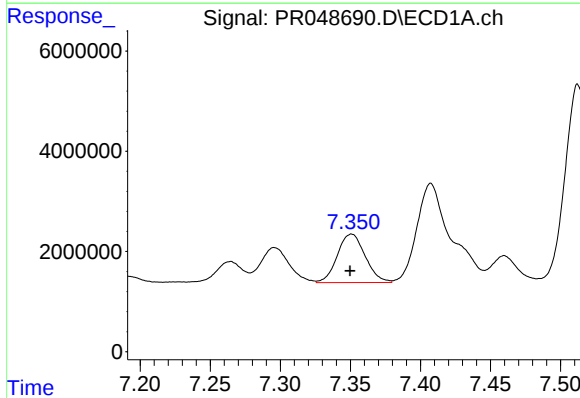
R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 23371488
Conc: 176.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



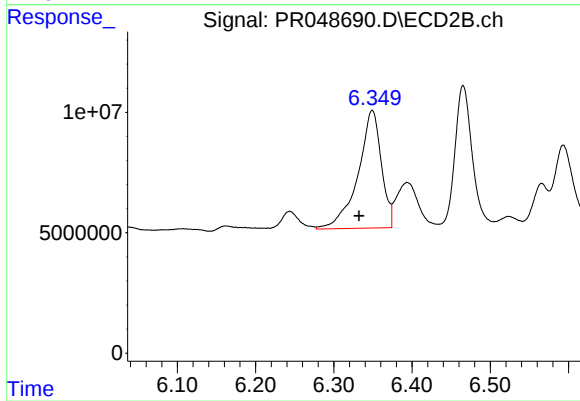
#27 AR-1254-2

R.T.: 5.926 min
Delta R.T.: 0.002 min
Response: 31792998
Conc: 188.13 ng/ml



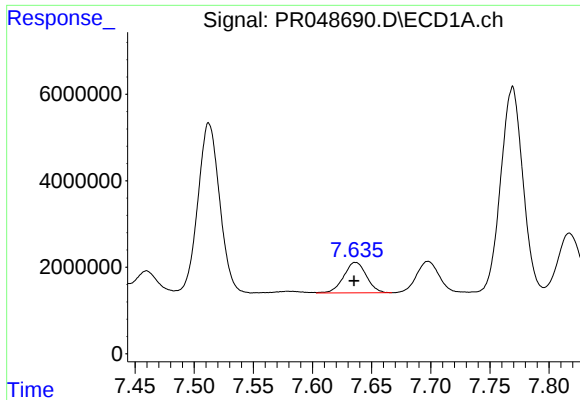
#28 AR-1254-3

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 13398391
Conc: 95.79 ng/ml



#28 AR-1254-3

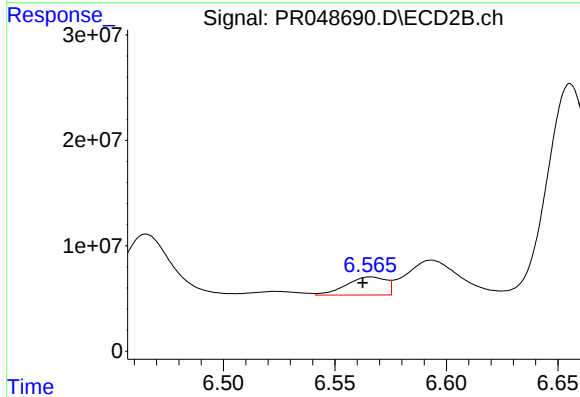
R.T.: 6.349 min
Delta R.T.: 0.017 min
Response: 101300117
Conc: 302.67 ng/ml



#29 AR-1254-4

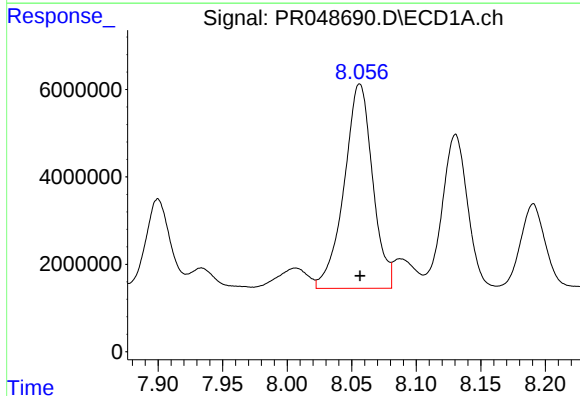
R.T.: 7.636 min
Delta R.T.: 0.001 min
Response: 9447474
Conc: 87.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



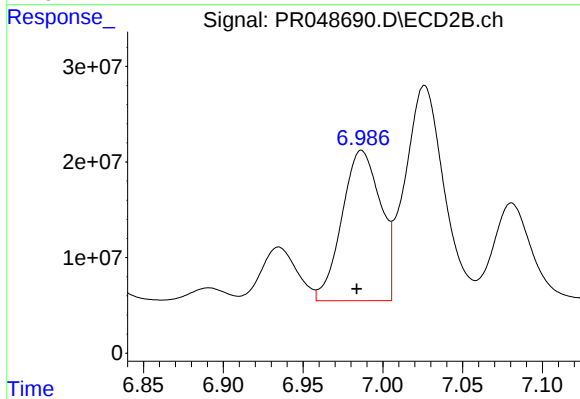
#29 AR-1254-4

R.T.: 6.566 min
Delta R.T.: 0.003 min
Response: 21228415
Conc: 38.55 ng/ml



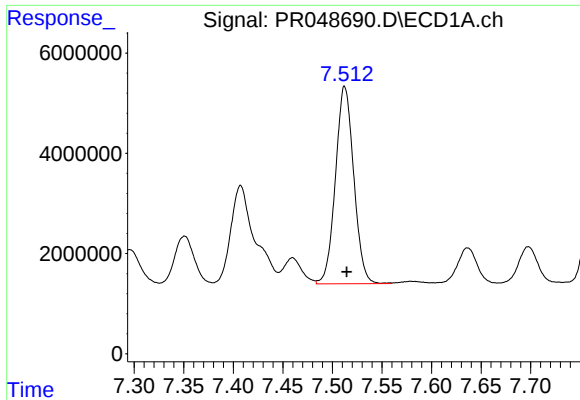
#30 AR-1254-5

R.T.: 8.056 min
Delta R.T.: 0.000 min
Response: 71846214
Conc: 623.73 ng/ml



#30 AR-1254-5

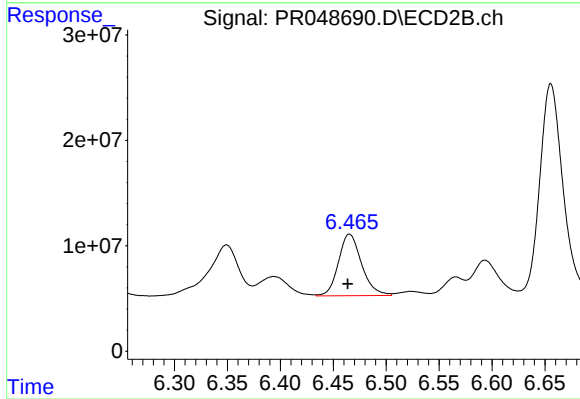
R.T.: 6.987 min
Delta R.T.: 0.003 min
Response: 264928593
Conc: 454.99 ng/ml



#31 AR-1260-1

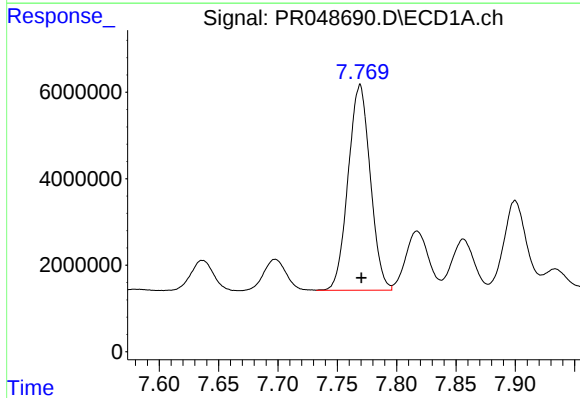
R.T.: 7.512 min
Delta R.T.: -0.002 min
Response: 50684896
Conc: 446.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



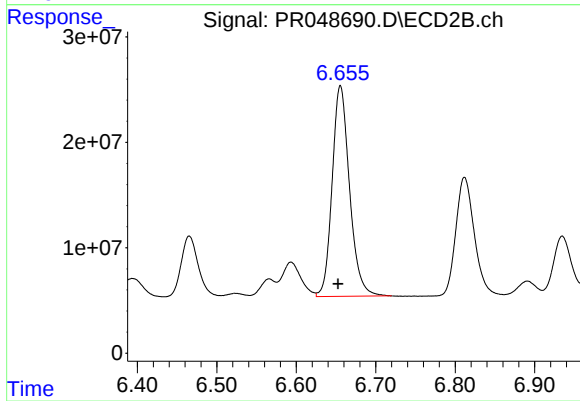
#31 AR-1260-1

R.T.: 6.465 min
Delta R.T.: 0.002 min
Response: 88683217
Conc: 466.66 ng/ml



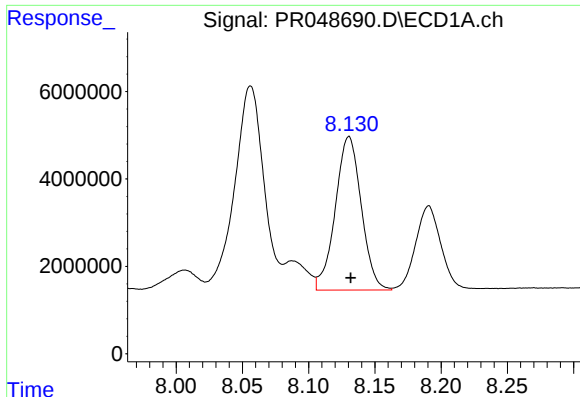
#32 AR-1260-2

R.T.: 7.769 min
Delta R.T.: -0.001 min
Response: 61746828
Conc: 439.78 ng/ml



#32 AR-1260-2

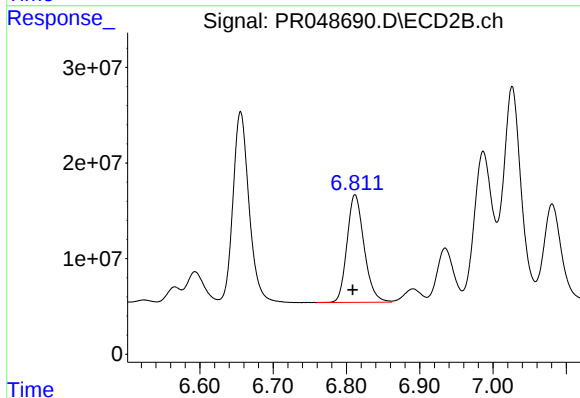
R.T.: 6.656 min
Delta R.T.: 0.003 min
Response: 303899364
Conc: 464.51 ng/ml



#33 AR-1260-3

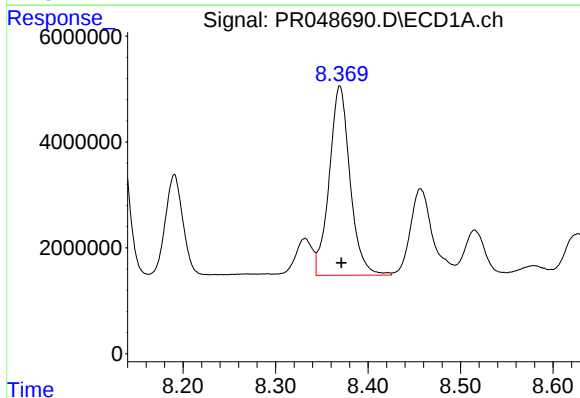
R.T.: 8.130 min
Delta R.T.: -0.001 min
Response: 47935443
Conc: 449.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



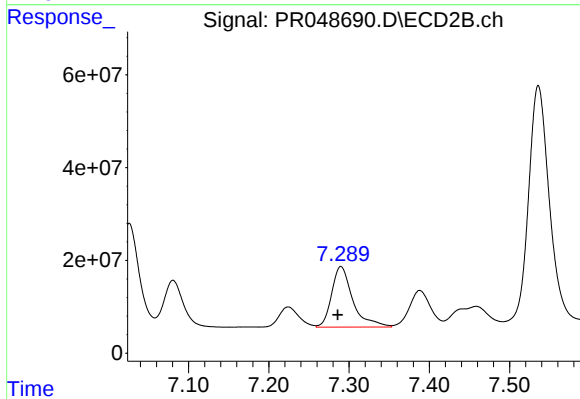
#33 AR-1260-3

R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 182603943
Conc: 427.44 ng/ml



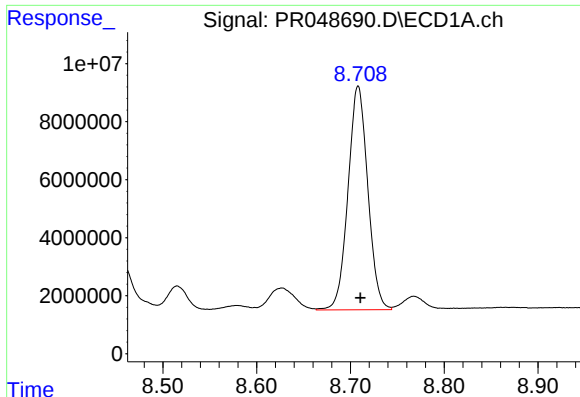
#34 AR-1260-4

R.T.: 8.370 min
Delta R.T.: -0.002 min
Response: 55845307
Conc: 449.52 ng/ml



#34 AR-1260-4

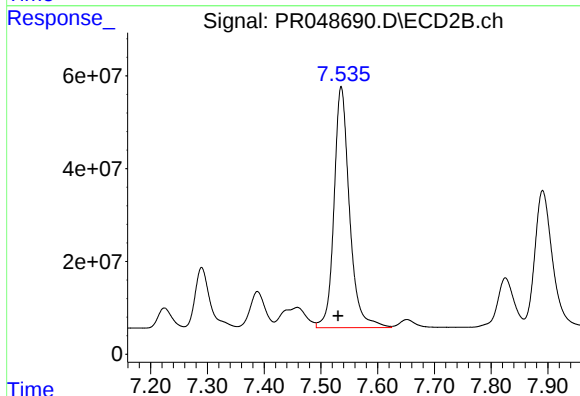
R.T.: 7.290 min
Delta R.T.: 0.004 min
Response: 239567088
Conc: 472.76 ng/ml



#35 AR-1260-5

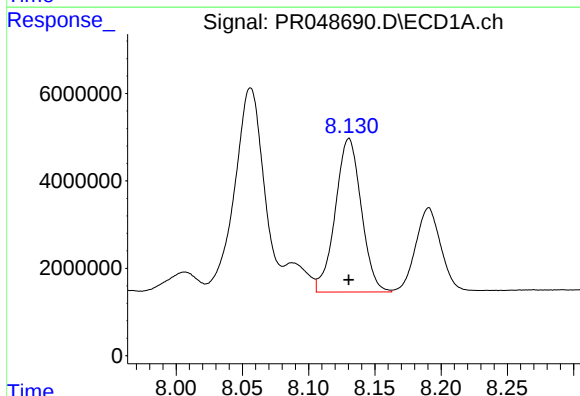
R.T.: 8.708 min
Delta R.T.: -0.002 min
Response: 113162206
Conc: 452.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



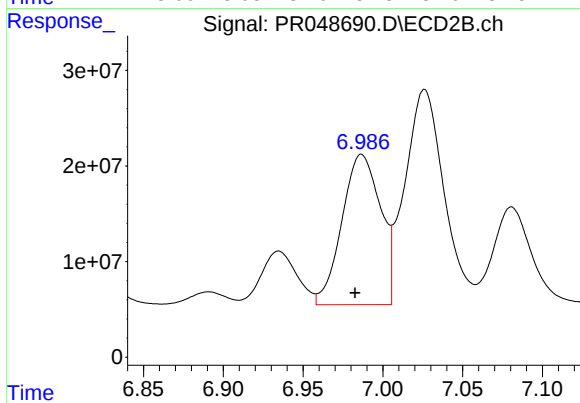
#35 AR-1260-5

R.T.: 7.536 min
Delta R.T.: 0.006 min
Response: 983683743
Conc: 483.30 ng/ml



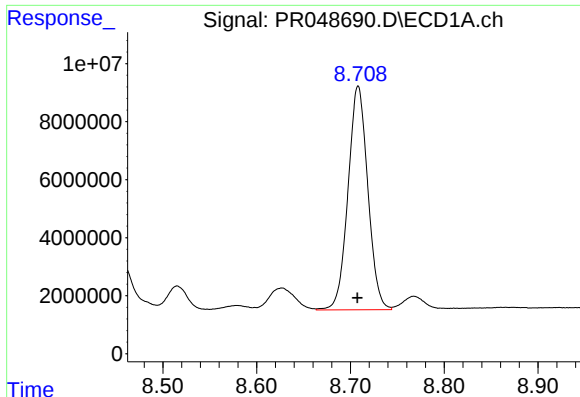
#36 AR-1262-1

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 47935443
Conc: 354.65 ng/ml



#36 AR-1262-1

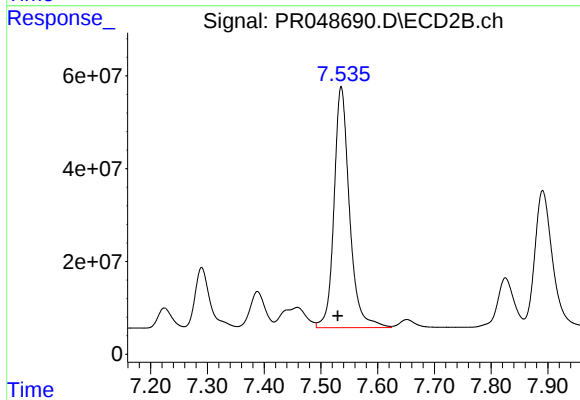
R.T.: 6.987 min
Delta R.T.: 0.004 min
Response: 264928593
Conc: 875.25 ng/ml



#37 AR-1262-2

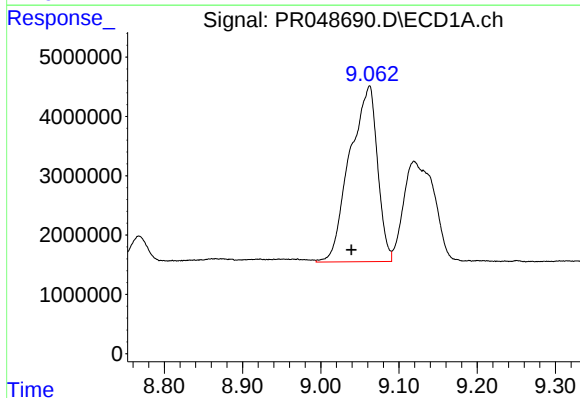
R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 113162206
Conc: 456.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



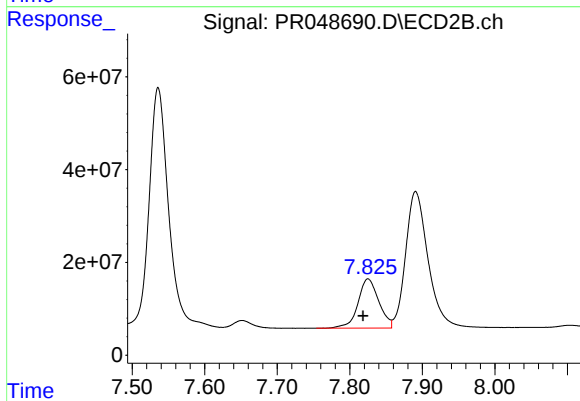
#37 AR-1262-2

R.T.: 7.536 min
Delta R.T.: 0.006 min
Response: 983683743
Conc: 479.52 ng/ml



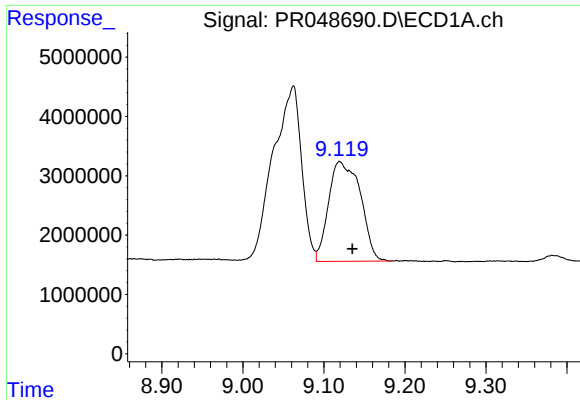
#38 AR-1262-3

R.T.: 9.062 min
Delta R.T.: 0.023 min
Response: 72710366
Conc: 416.80 ng/ml



#38 AR-1262-3

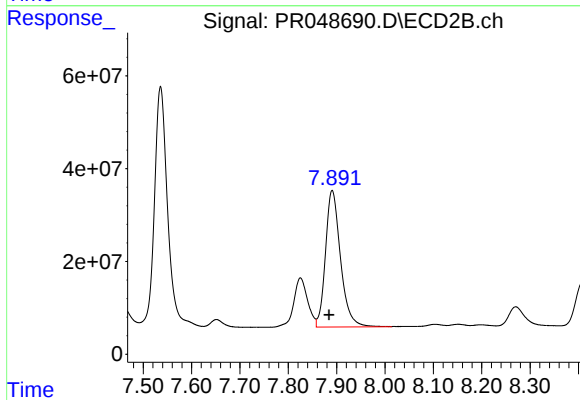
R.T.: 7.825 min
Delta R.T.: 0.007 min
Response: 212209316
Conc: 264.41 ng/ml



#39 AR-1262-4

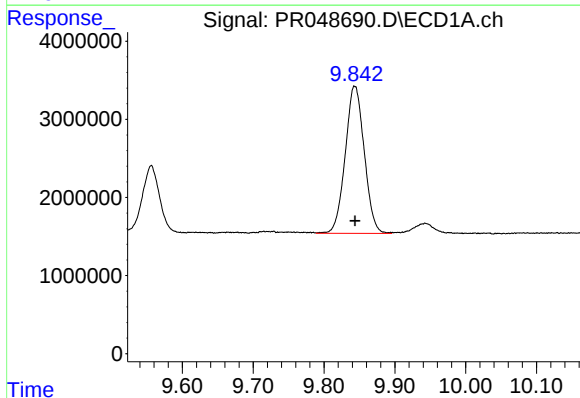
R.T.: 9.119 min
Delta R.T.: -0.016 min
Response: 45902295
Conc: 341.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



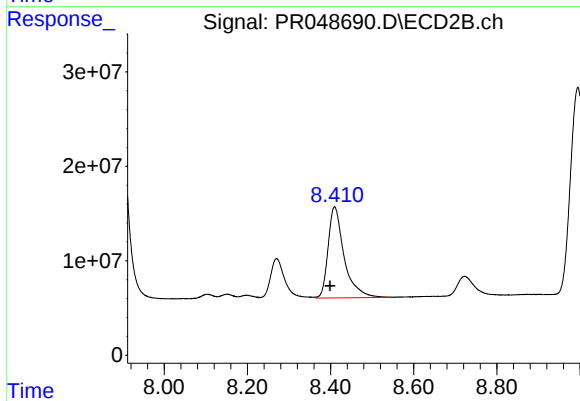
#39 AR-1262-4

R.T.: 7.891 min
Delta R.T.: 0.007 min
Response: 634672543
Conc: 464.22 ng/ml



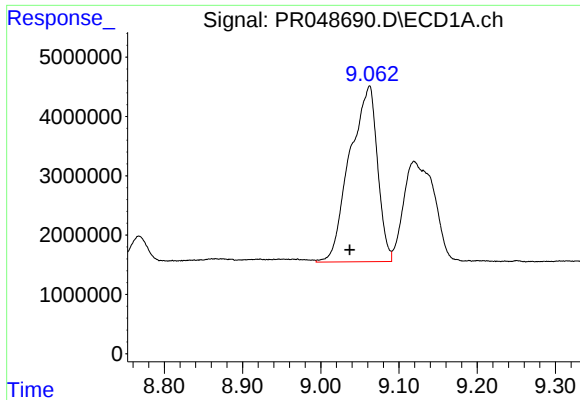
#40 AR-1262-5

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 35146742
Conc: 352.22 ng/ml



#40 AR-1262-5

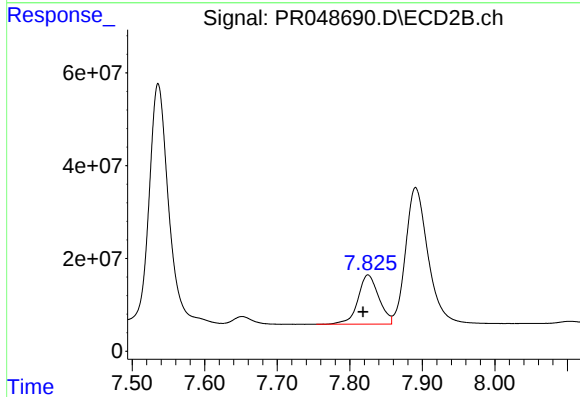
R.T.: 8.410 min
Delta R.T.: 0.011 min
Response: 257892100
Conc: 366.91 ng/ml



#41 AR-1268-1

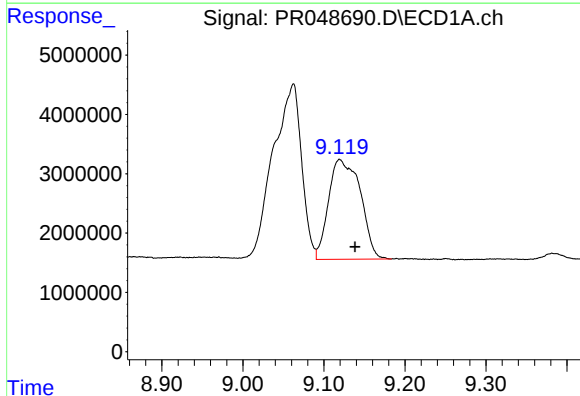
R.T.: 9.062 min
Delta R.T.: 0.025 min
Response: 72710366
Conc: 224.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



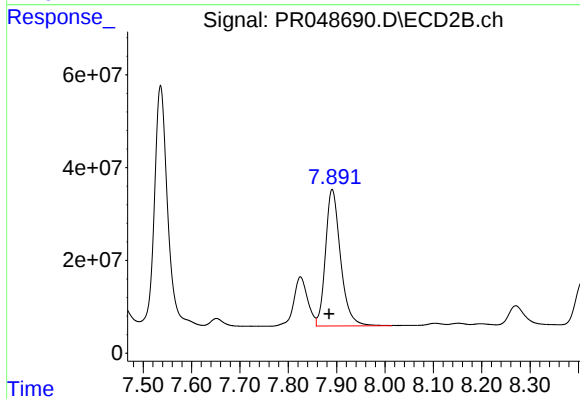
#41 AR-1268-1

R.T.: 7.825 min
Delta R.T.: 0.007 min
Response: 212209316
Conc: 81.17 ng/ml



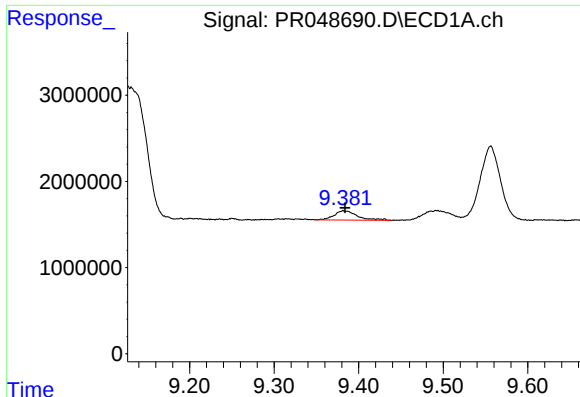
#42 AR-1268-2

R.T.: 9.119 min
Delta R.T.: -0.019 min
Response: 45902295
Conc: 150.48 ng/ml



#42 AR-1268-2

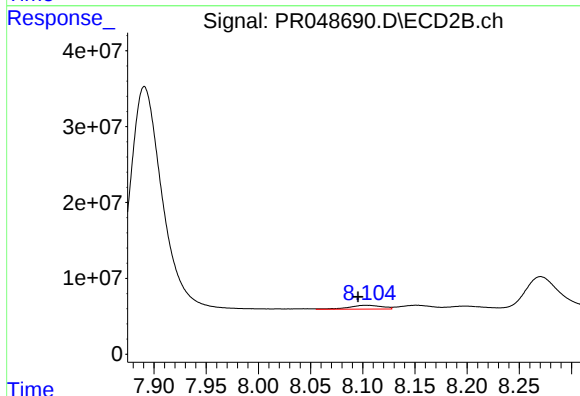
R.T.: 7.891 min
Delta R.T.: 0.007 min
Response: 634672543
Conc: 277.93 ng/ml



#43 AR-1268-3

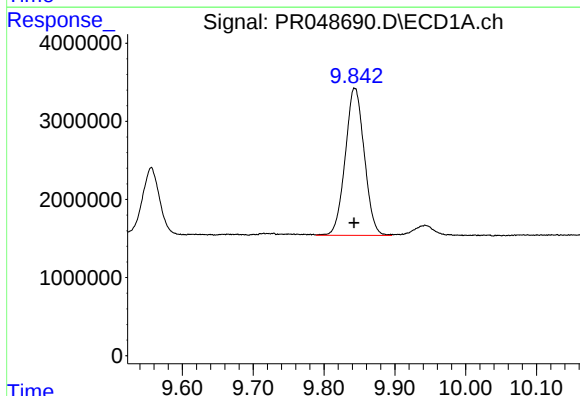
R.T.: 9.382 min
Delta R.T.: -0.002 min
Response: 2042507
Conc: 7.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



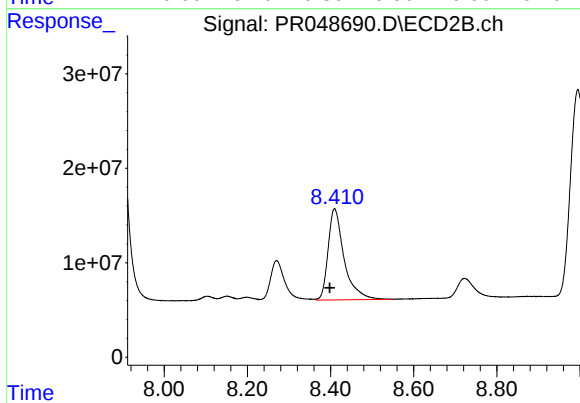
#43 AR-1268-3

R.T.: 8.103 min
Delta R.T.: 0.008 min
Response: 11227277
Conc: 5.73 ng/ml



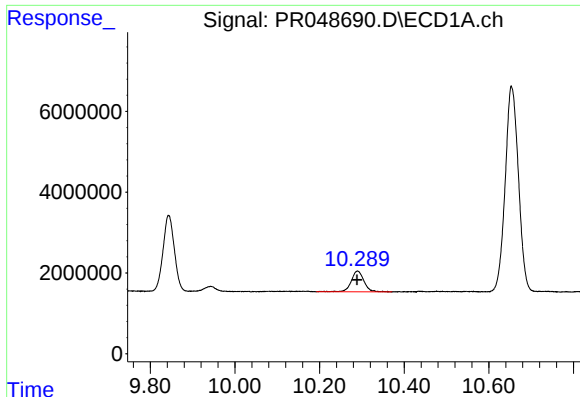
#44 AR-1268-4

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 35146742
Conc: 295.73 ng/ml



#44 AR-1268-4

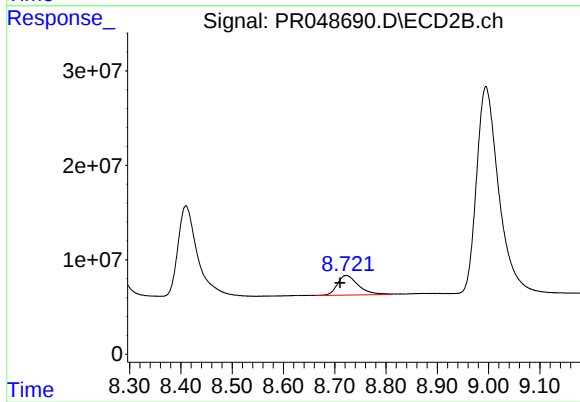
R.T.: 8.410 min
Delta R.T.: 0.011 min
Response: 257892100
Conc: 332.78 ng/ml



#45 AR-1268-5

R.T.: 10.290 min
Delta R.T.: 0.000 min
Response: 10736325
Conc: 12.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.723 min
Delta R.T.: 0.012 min
Response: 59063166
Conc: 10.47 ng/ml