

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
 Data File : PR043412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2019 02:23
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660357

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 03:10:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 02 01:05:46 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...	4.707	3.966	116.1E6	367.8E6	20.695	19.037
2)	SA Decachlor...	10.618	9.059	164.8E6	466.7E6	45.774	41.496
Target Compounds							
3)	L1 AR-1016-1	5.885	5.061	79029063	227.8E6	421.583	383.903
4)	L1 AR-1016-2	5.908	5.080	113.8E6	309.4E6	432.986	386.128
5)	L1 AR-1016-3	5.971	5.258	67609853	147.6E6	432.156	388.845
6)	L1 AR-1016-4	6.071	5.298	56305892	109.1E6	432.468	388.298
7)	L1 AR-1016-5	6.364	5.515	56397546	130.3E6	436.777	410.936
8)	L2 AR-1221-1	4.912	4.176	7032821	21570674	129.917	110.580
9)	L2 AR-1221-2	5.004	4.266	9589116	29149617	249.706	217.290
10)	L2 AR-1221-3	5.083	4.342	37192450	121.2E6	291.516	265.691
11)	L3 AR-1232-1	5.083	4.342	37192450	121.2E6	336.751	307.016
12)	L3 AR-1232-2	5.617	5.080	53373166	309.4E6	935.610	839.439
13)	L3 AR-1232-3	5.908	5.258	113.8E6	147.6E6	992.135	854.398
14)	L3 AR-1232-4	6.071	5.341	56305892	128.4E6	988.600	961.023
15)	L3 AR-1232-5	6.158	5.515	50035345	130.3E6	1166.488	956.234
16)	L4 AR-1242-1	5.885	5.061	79029063	227.8E6	538.836	497.491
17)	L4 AR-1242-2	5.908	5.080	113.8E6	309.4E6	559.887	505.208
18)	L4 AR-1242-3	5.971	5.258	67609853	147.6E6	549.625	505.571
19)	L4 AR-1242-4	6.071	5.341	56305892	128.4E6	553.774	509.493
20)	L4 AR-1242-5	6.809	5.868	8848564	114.2E6	81.853	384.179 #
21)	L5 AR-1248-1	5.885	5.061	79029063	227.8E6	688.970	611.876
22)	L5 AR-1248-2	6.158	5.298	50035345	109.1E6	318.635	283.998
23)	L5 AR-1248-3	6.364	5.341	56397546	128.4E6	322.464	339.622
24)	L5 AR-1248-4	6.768	5.515	9404678	130.3E6	47.454	312.836 #
25)	L5 AR-1248-5	6.809	5.909	8848564	29101122	47.422	66.054 #
26)	L6 AR-1254-1	6.742	5.868	39837931	114.2E6	207.096	182.845
27)	L6 AR-1254-2	6.959	6.015	41889992	116.1E6	142.037	206.740 #
28)	L6 AR-1254-3	7.329	6.435	25738668	258.8E6	83.517	264.985 #
29)	L6 AR-1254-4	7.614	6.648	17087280	37240855	75.640	52.113 #
30)	L6 AR-1254-5	8.033	7.066	141.0E6	412.9E6	603.496	499.386
31)	L7 AR-1260-1	7.491	6.550	100.2E6	289.3E6	446.442	441.707
32)	L7 AR-1260-2	7.746	6.737	119.9E6	422.4E6	452.092	462.591
33)	L7 AR-1260-3	8.107	6.892	90225148	350.8E6	455.017	457.420
34)	L7 AR-1260-4	8.345	7.365	104.8E6	290.2E6	458.570	458.683
35)	L7 AR-1260-5	8.683	7.605	210.8E6	816.4E6	460.142	462.116
36)	L8 AR-1262-1	8.167	7.066	47043781	412.9E6	411.828	876.379 #
37)	L8 AR-1262-2	8.683	7.605	210.8E6	816.4E6	404.583	423.412
38)	L8 AR-1262-3	9.034	7.889	129.7E6	182.1E6	389.843	245.508 #
39)	L8 AR-1262-4	9.092	7.954	78776310	514.4E6	321.531	398.490
40)	L8 AR-1262-5	9.812	8.467	56432281	180.0E6	333.848	304.853
41)	L9 AR-1268-1	9.034	7.889	129.7E6	182.1E6	221.876	82.188 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
 Data File : PR043412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2019 02:23
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

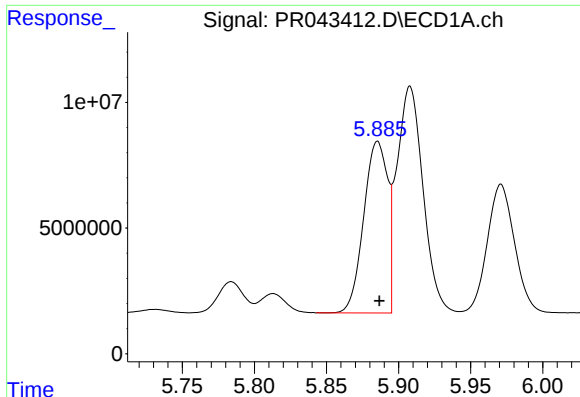
Instrument :
 ECD_R
 ClientSampleId :
 AR1660357

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 03:10:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 02 01:05:46 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	9.092	7.954	78776310	514.4E6	149.285	263.440 #
43) L9	AR-1268-3	9.355	8.165	3397443	10603431	7.861	6.396
44) L9	AR-1268-4	9.812	8.467	56432281	180.0E6	299.209	271.416
45) L9	AR-1268-5	10.255	8.782	15403674	45439157	10.935	9.648

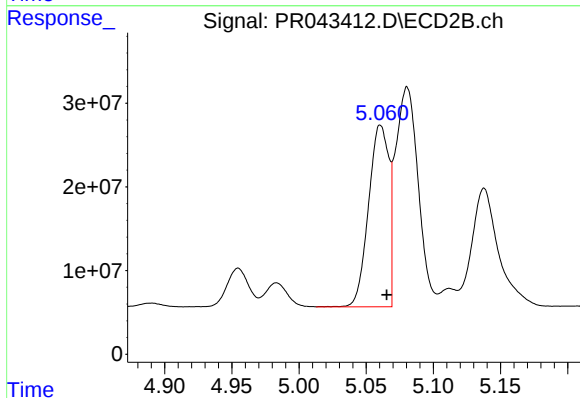
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

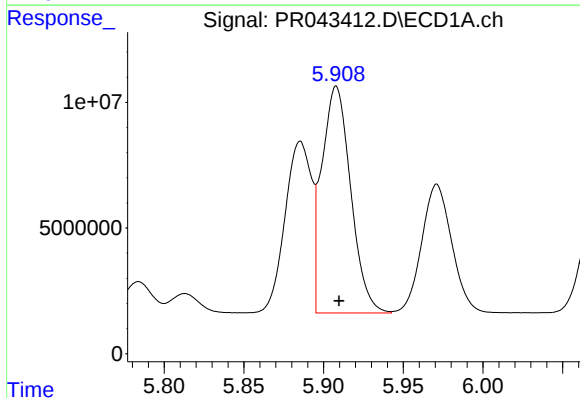
R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 79029063
Conc: 421.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



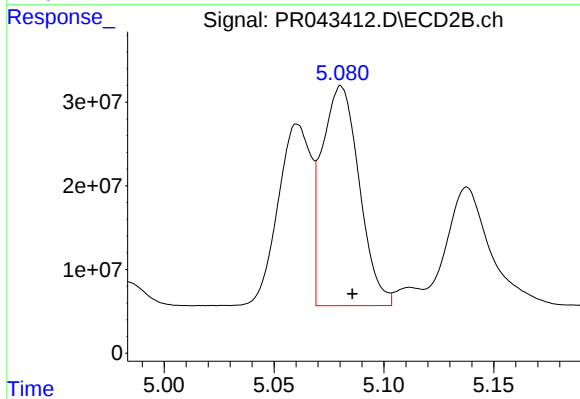
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 227835631
Conc: 383.90 ng/ml



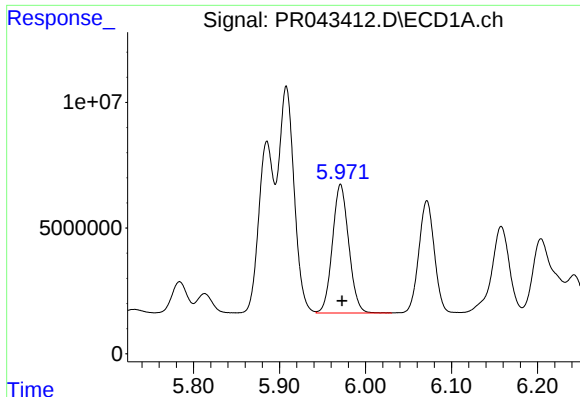
#4 AR-1016-2

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 113800888
Conc: 432.99 ng/ml



#4 AR-1016-2

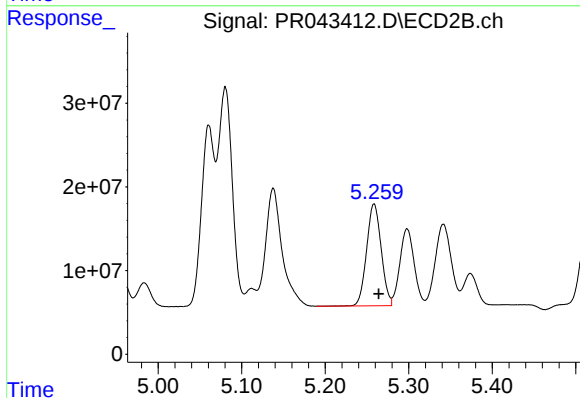
R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 309382228
Conc: 386.13 ng/ml



#5 AR-1016-3

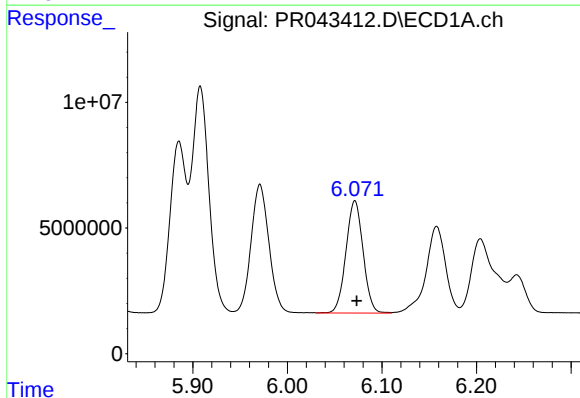
R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 67609853
Conc: 432.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



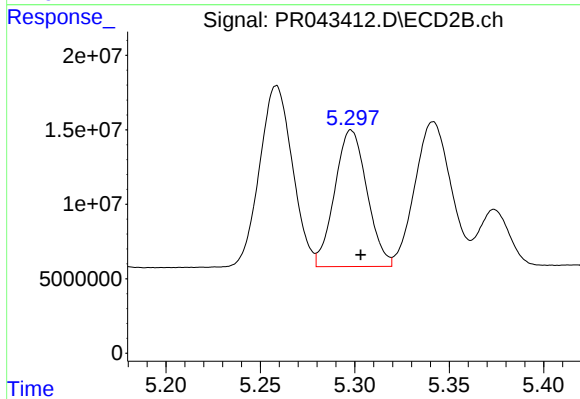
#5 AR-1016-3

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 147645952
Conc: 388.85 ng/ml



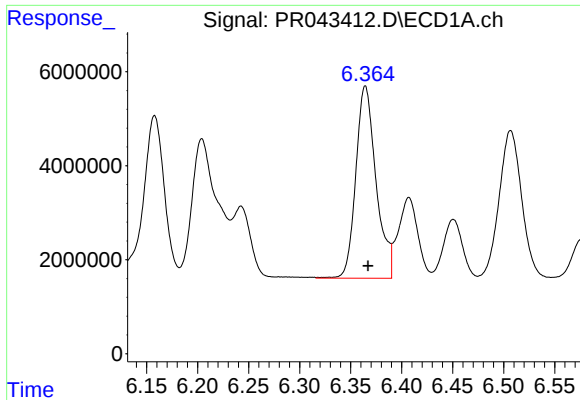
#6 AR-1016-4

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 56305892
Conc: 432.47 ng/ml



#6 AR-1016-4

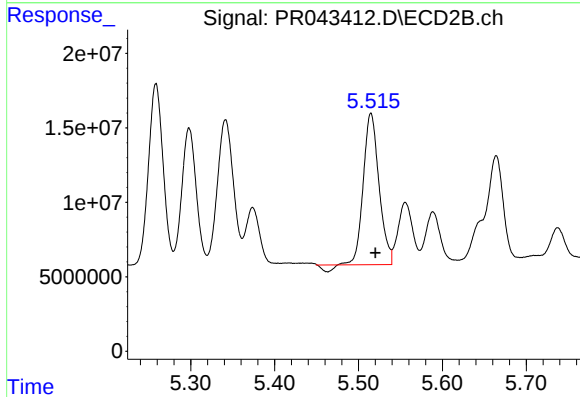
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 109140102
Conc: 388.30 ng/ml



#7 AR-1016-5

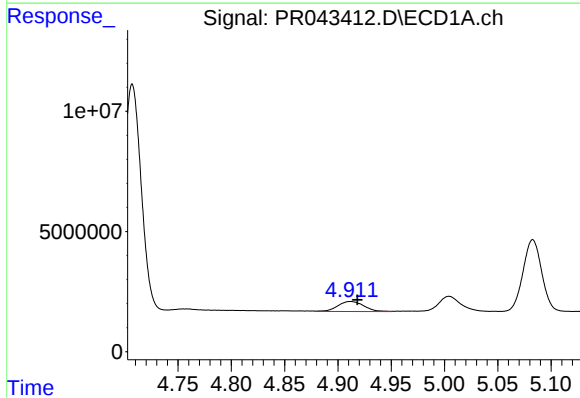
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 56397546
Conc: 436.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



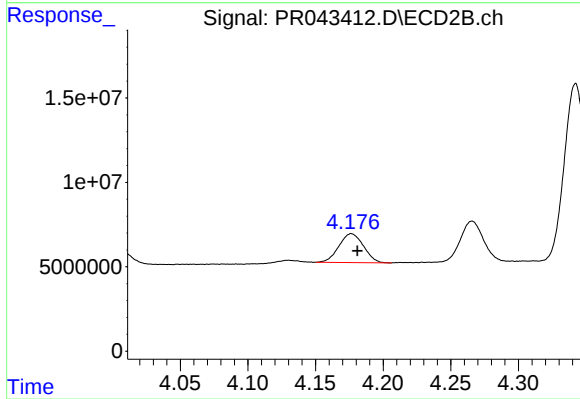
#7 AR-1016-5

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 130310427
Conc: 410.94 ng/ml



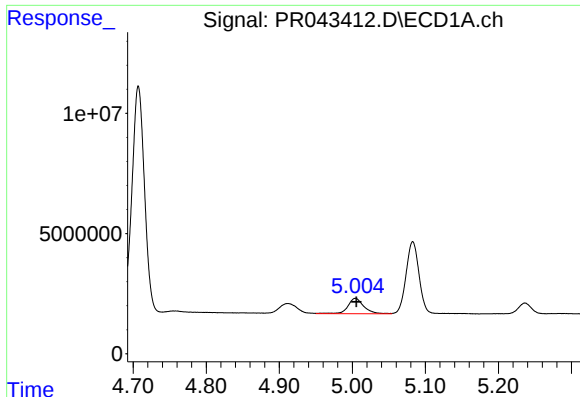
#8 AR-1221-1

R.T.: 4.912 min
Delta R.T.: -0.007 min
Response: 7032821
Conc: 129.92 ng/ml



#8 AR-1221-1

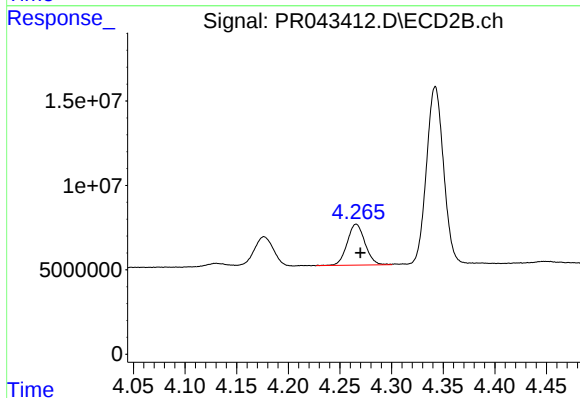
R.T.: 4.176 min
Delta R.T.: -0.005 min
Response: 21570674
Conc: 110.58 ng/ml



#9 AR-1221-2

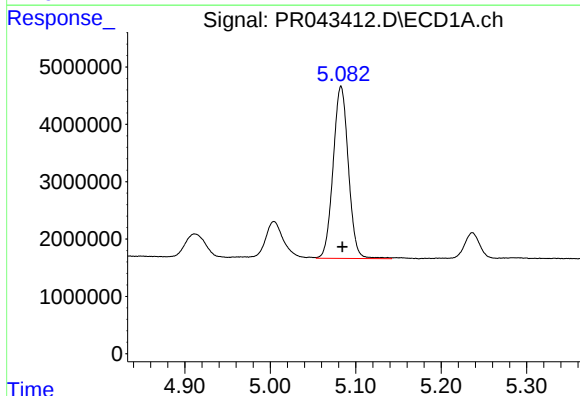
R.T.: 5.004 min
Delta R.T.: -0.001 min
Response: 9589116
Conc: 249.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



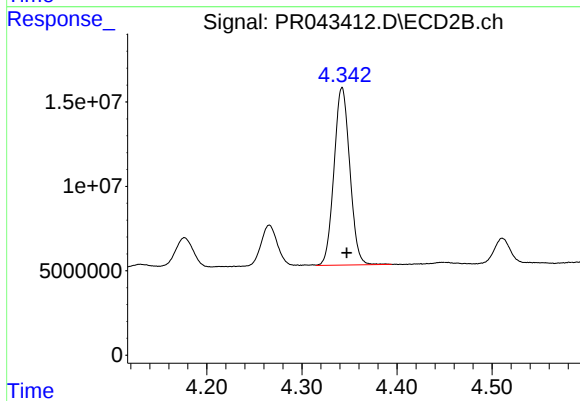
#9 AR-1221-2

R.T.: 4.266 min
Delta R.T.: -0.004 min
Response: 29149617
Conc: 217.29 ng/ml



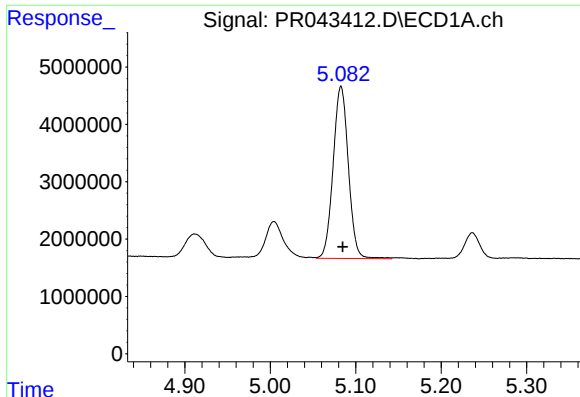
#10 AR-1221-3

R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 37192450
Conc: 291.52 ng/ml



#10 AR-1221-3

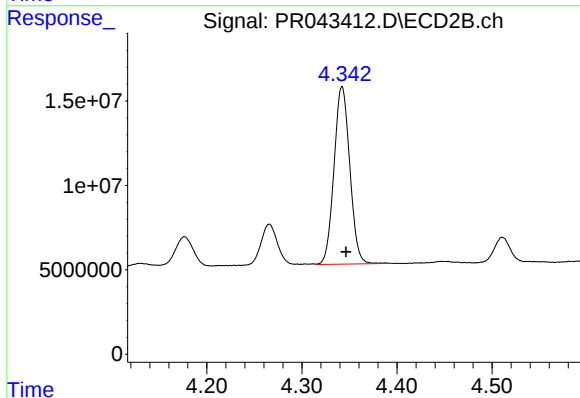
R.T.: 4.342 min
Delta R.T.: -0.005 min
Response: 121181773
Conc: 265.69 ng/ml



#11 AR-1232-1

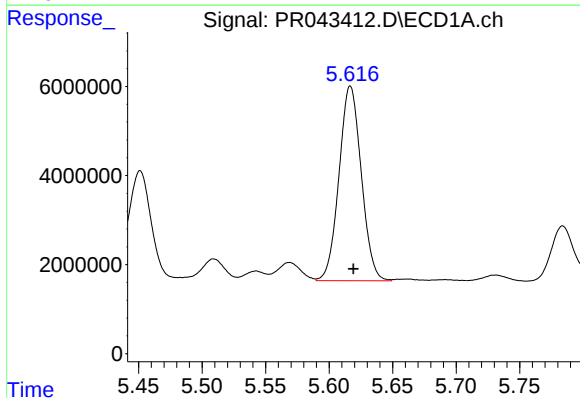
R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 37192450
Conc: 336.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



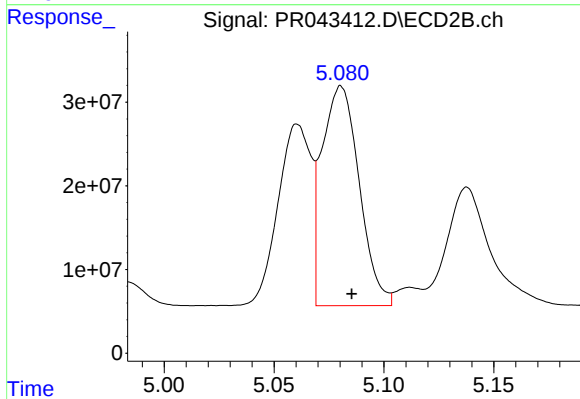
#11 AR-1232-1

R.T.: 4.342 min
Delta R.T.: -0.004 min
Response: 121181773
Conc: 307.02 ng/ml



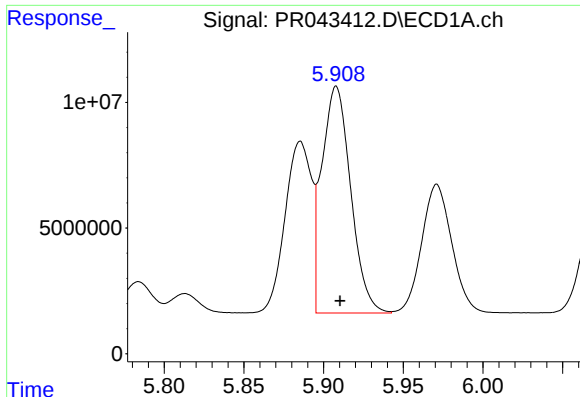
#12 AR-1232-2

R.T.: 5.617 min
Delta R.T.: -0.003 min
Response: 53373166
Conc: 935.61 ng/ml



#12 AR-1232-2

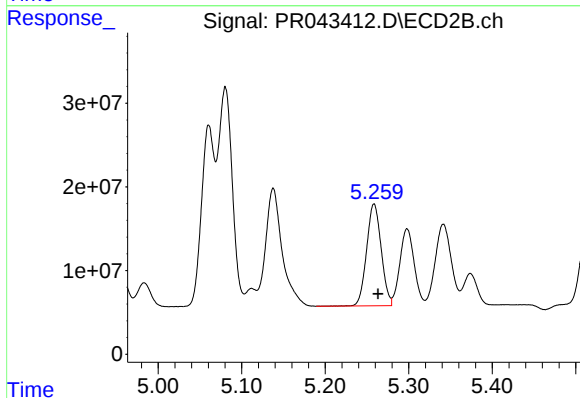
R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 309382228
Conc: 839.44 ng/ml



#13 AR-1232-3

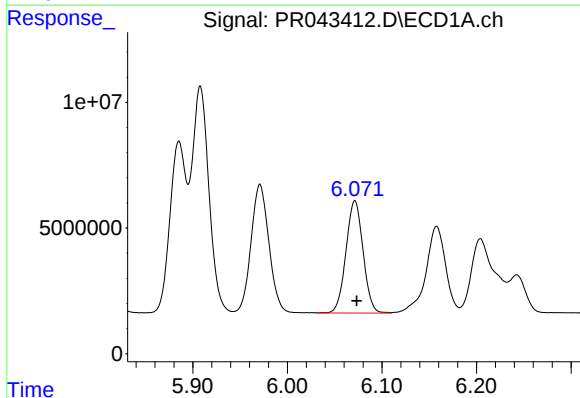
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 113800888
Conc: 992.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



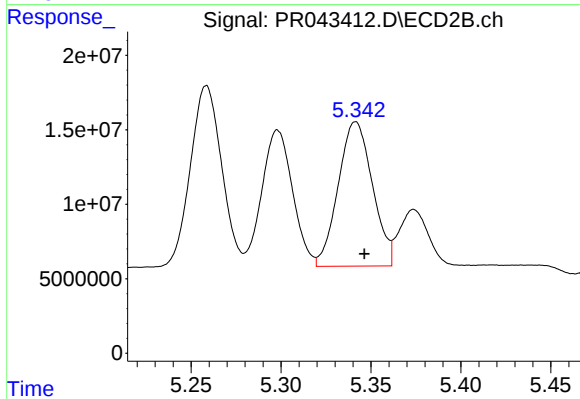
#13 AR-1232-3

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 147645952
Conc: 854.40 ng/ml



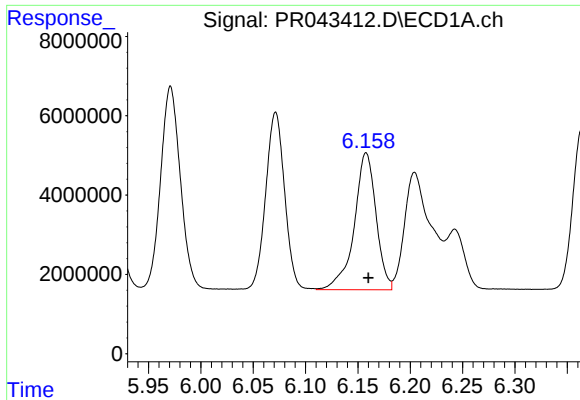
#14 AR-1232-4

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 56305892
Conc: 988.60 ng/ml



#14 AR-1232-4

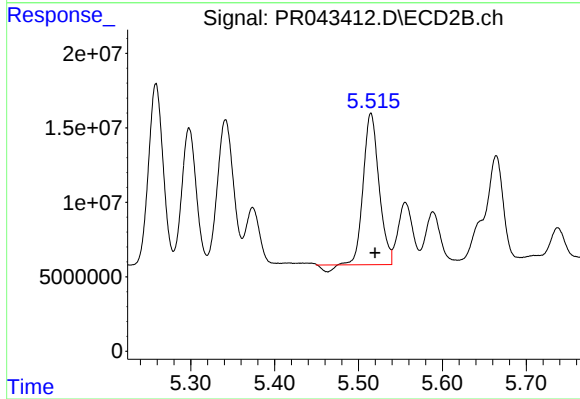
R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 128421645
Conc: 961.02 ng/ml



#15 AR-1232-5

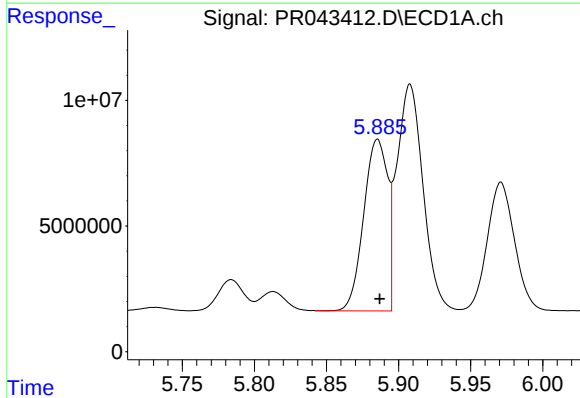
R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 50035345
Conc: 1166.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



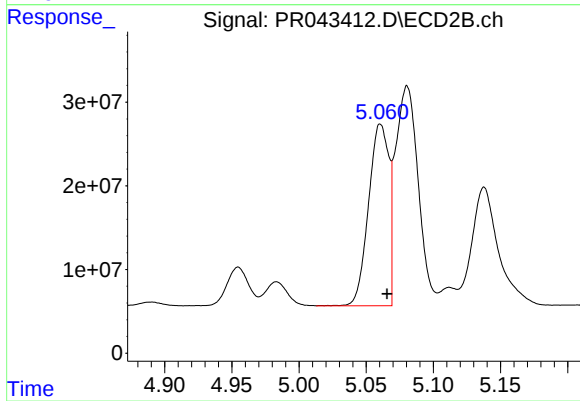
#15 AR-1232-5

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 130310427
Conc: 956.23 ng/ml



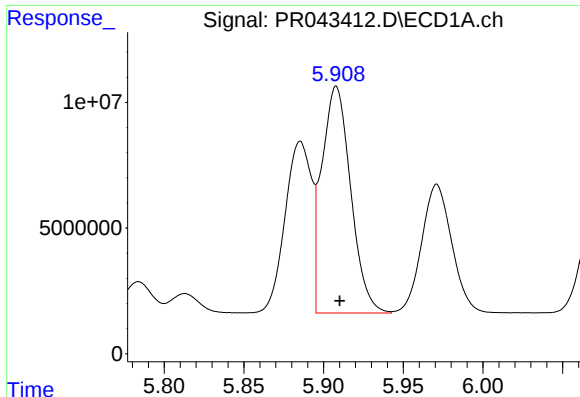
#16 AR-1242-1

R.T.: 5.885 min
Delta R.T.: -0.002 min
Response: 79029063
Conc: 538.84 ng/ml



#16 AR-1242-1

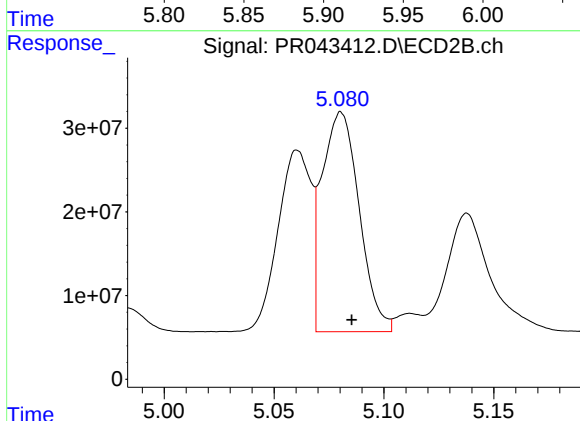
R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 227835631
Conc: 497.49 ng/ml



#17 AR-1242-2

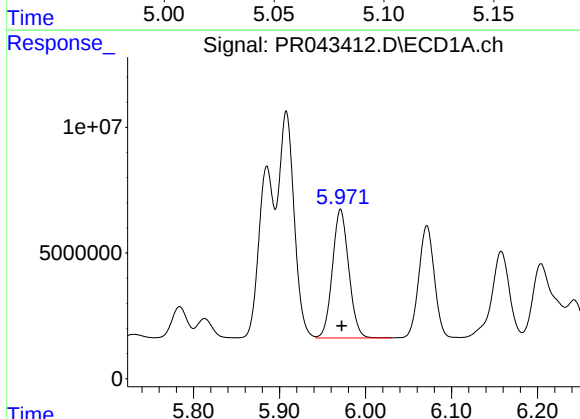
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 113800888
Conc: 559.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



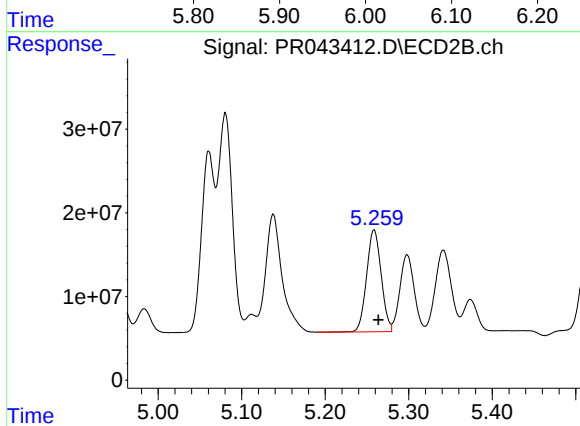
#17 AR-1242-2

R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 309382228
Conc: 505.21 ng/ml



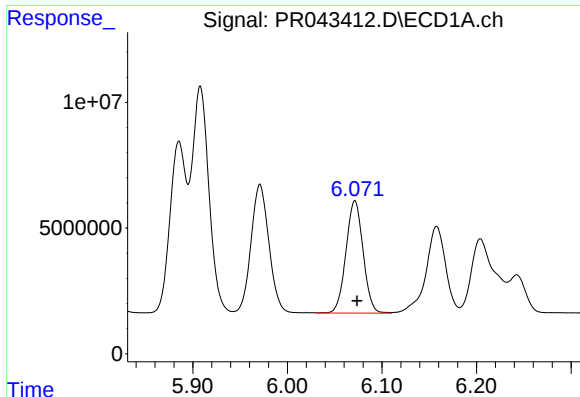
#18 AR-1242-3

R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 67609853
Conc: 549.63 ng/ml



#18 AR-1242-3

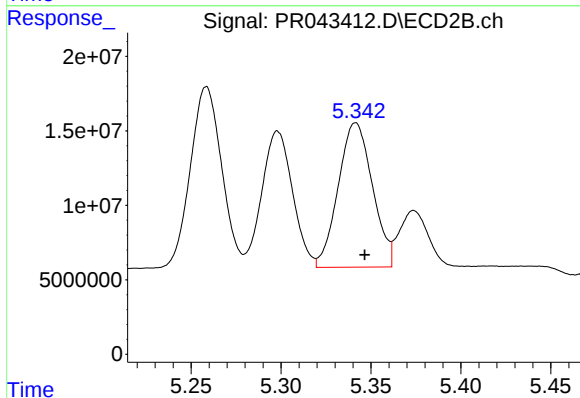
R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 147645952
Conc: 505.57 ng/ml



#19 AR-1242-4

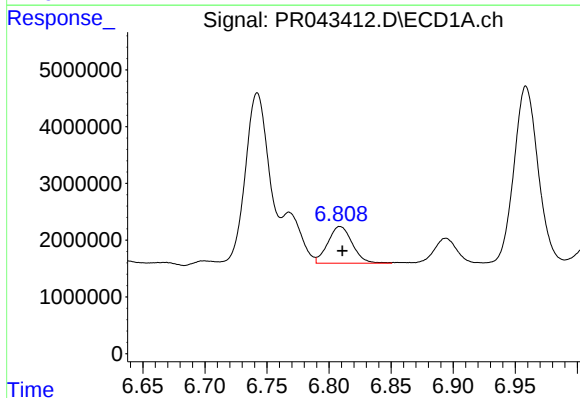
R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 56305892
Conc: 553.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



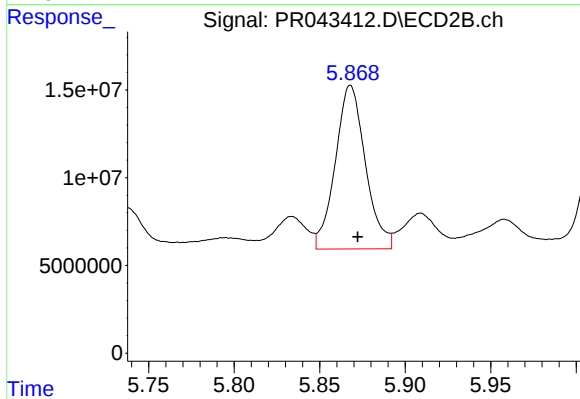
#19 AR-1242-4

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 128421645
Conc: 509.49 ng/ml



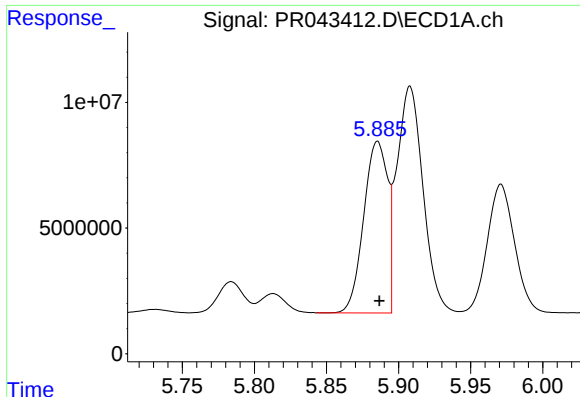
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 8848564
Conc: 81.85 ng/ml



#20 AR-1242-5

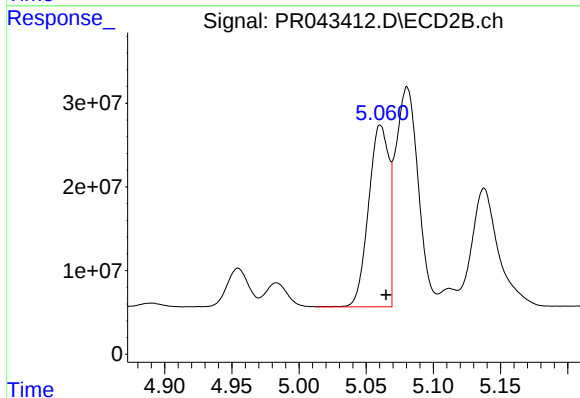
R.T.: 5.868 min
Delta R.T.: -0.004 min
Response: 114161179
Conc: 384.18 ng/ml



#21 AR-1248-1

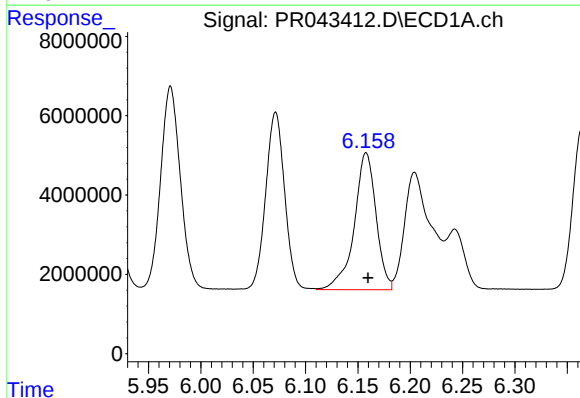
R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 79029063
Conc: 688.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



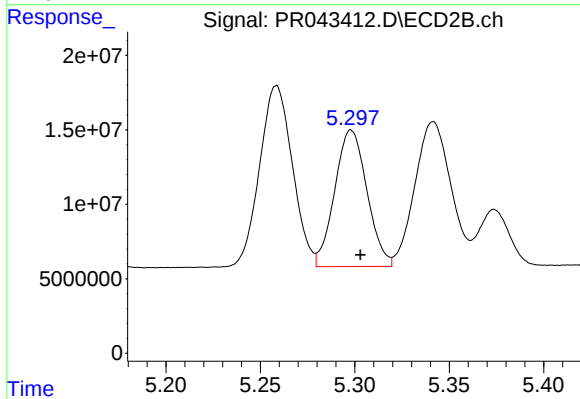
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 227835631
Conc: 611.88 ng/ml



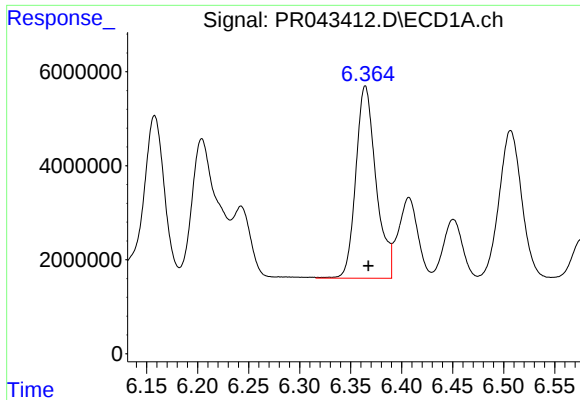
#22 AR-1248-2

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 50035345
Conc: 318.64 ng/ml



#22 AR-1248-2

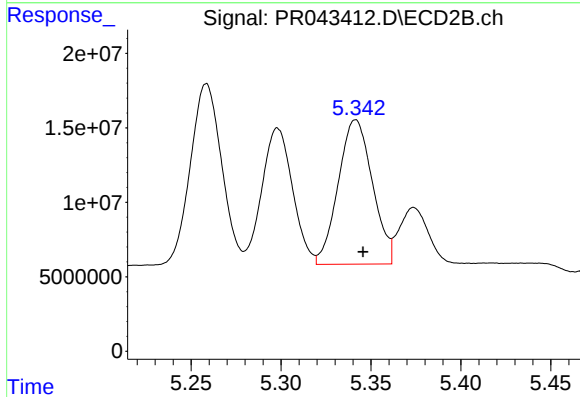
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 109140102
Conc: 284.00 ng/ml



#23 AR-1248-3

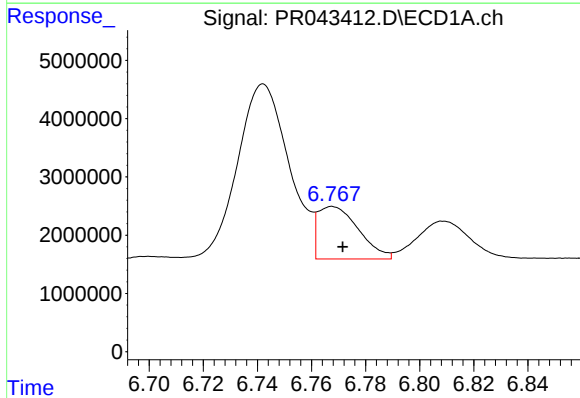
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 56397546
Conc: 322.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



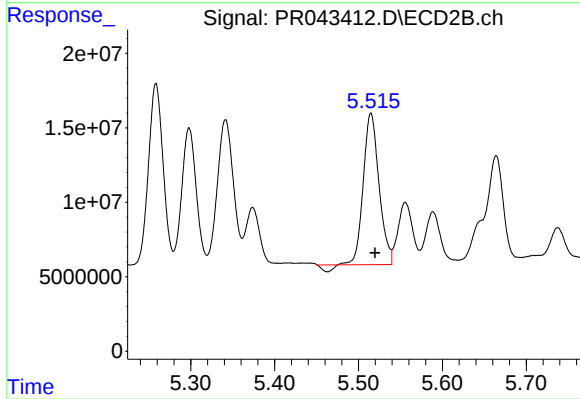
#23 AR-1248-3

R.T.: 5.341 min
Delta R.T.: -0.004 min
Response: 128421645
Conc: 339.62 ng/ml



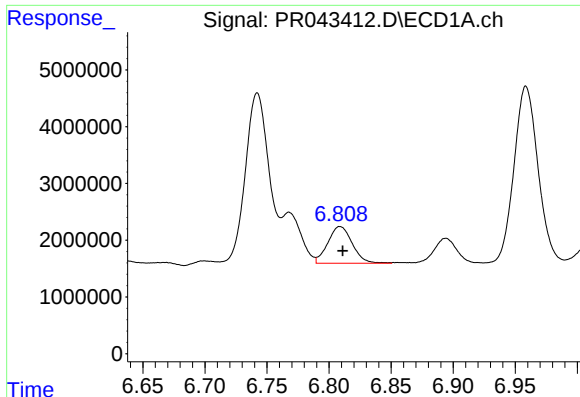
#24 AR-1248-4

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 9404678
Conc: 47.45 ng/ml



#24 AR-1248-4

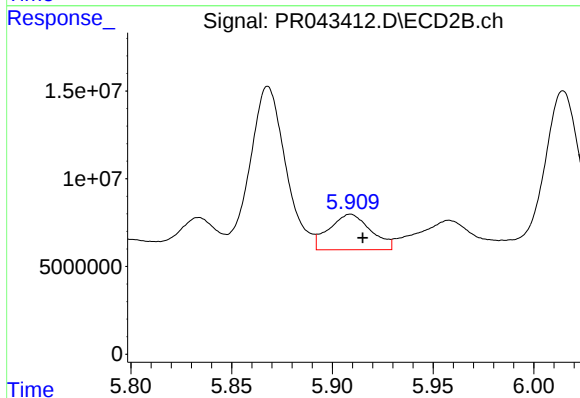
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 130310427
Conc: 312.84 ng/ml



#25 AR-1248-5

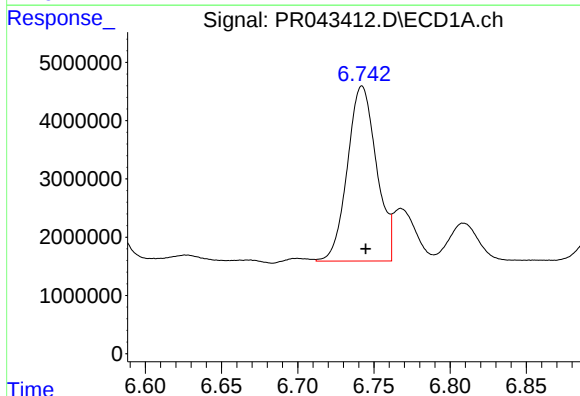
R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 8848564
Conc: 47.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



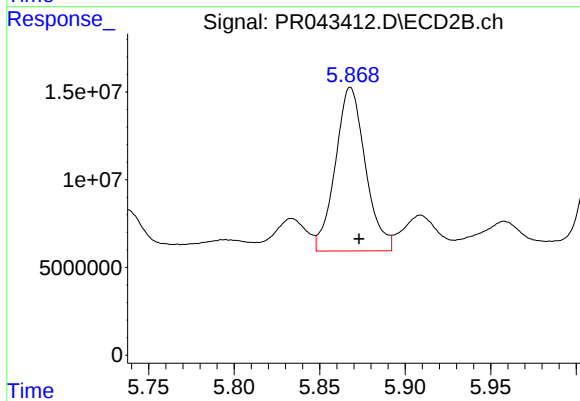
#25 AR-1248-5

R.T.: 5.909 min
Delta R.T.: -0.006 min
Response: 29101122
Conc: 66.05 ng/ml



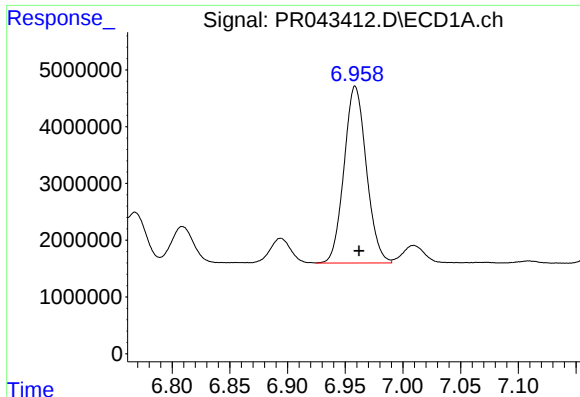
#26 AR-1254-1

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 39837931
Conc: 207.10 ng/ml



#26 AR-1254-1

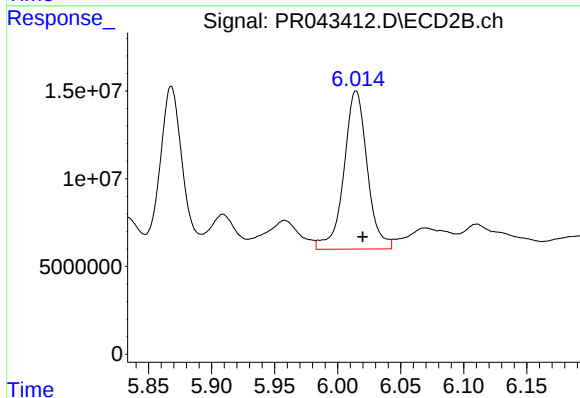
R.T.: 5.868 min
Delta R.T.: -0.005 min
Response: 114161179
Conc: 182.85 ng/ml



#27 AR-1254-2

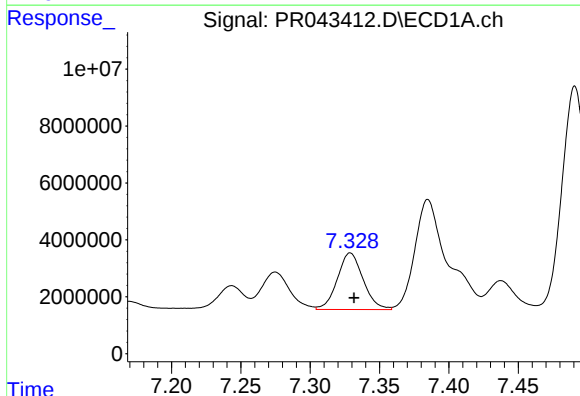
R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 41889992
Conc: 142.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



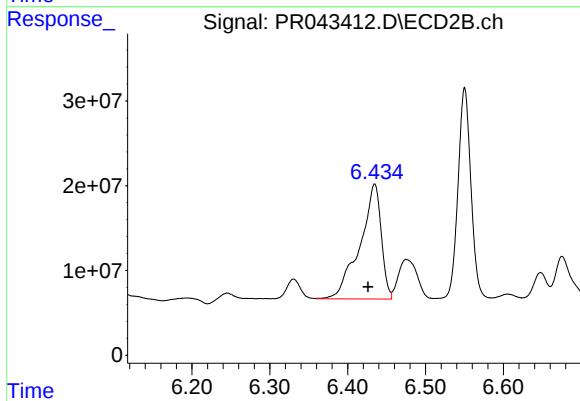
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 116128628
Conc: 206.74 ng/ml



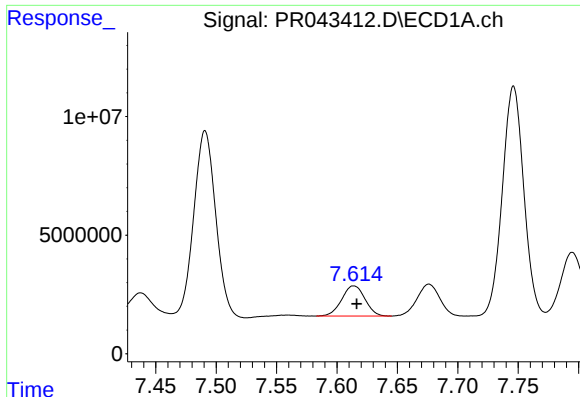
#28 AR-1254-3

R.T.: 7.329 min
Delta R.T.: -0.003 min
Response: 25738668
Conc: 83.52 ng/ml



#28 AR-1254-3

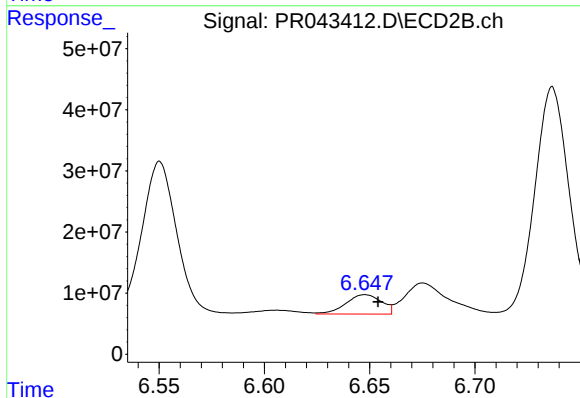
R.T.: 6.435 min
Delta R.T.: 0.008 min
Response: 258791985
Conc: 264.98 ng/ml



#29 AR-1254-4

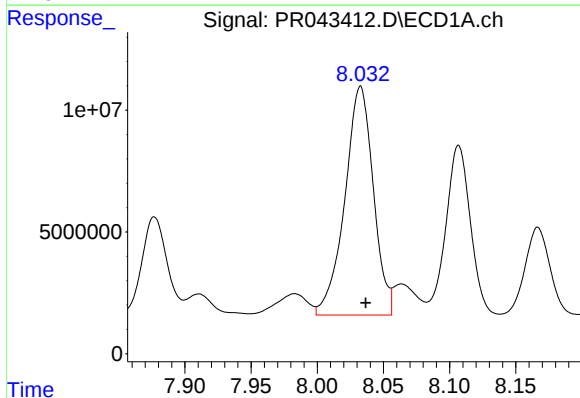
R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 17087280
Conc: 75.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



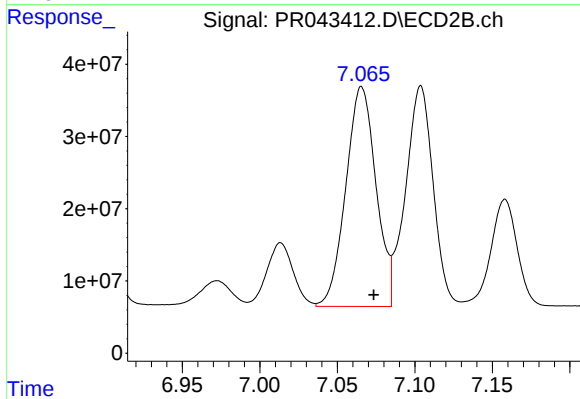
#29 AR-1254-4

R.T.: 6.648 min
Delta R.T.: -0.006 min
Response: 37240855
Conc: 52.11 ng/ml



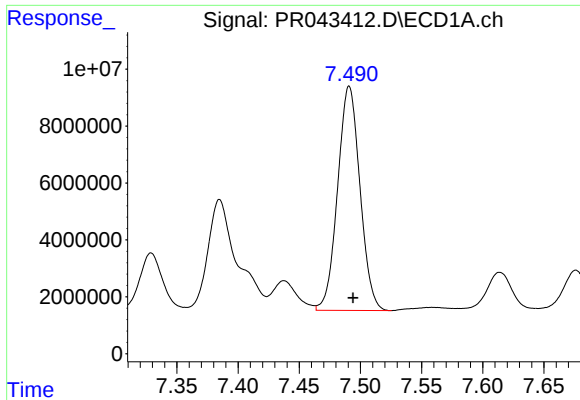
#30 AR-1254-5

R.T.: 8.033 min
Delta R.T.: -0.004 min
Response: 140961387
Conc: 603.50 ng/ml



#30 AR-1254-5

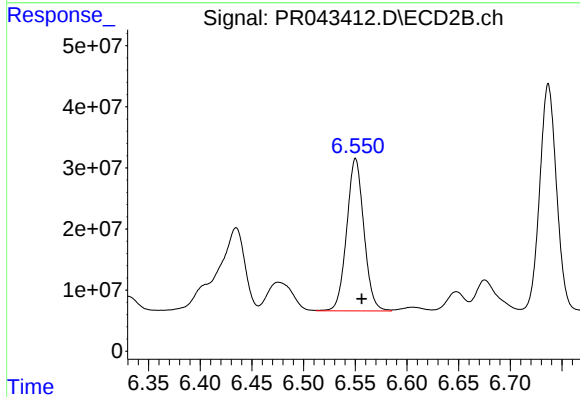
R.T.: 7.066 min
Delta R.T.: -0.008 min
Response: 412940789
Conc: 499.39 ng/ml



#31 AR-1260-1

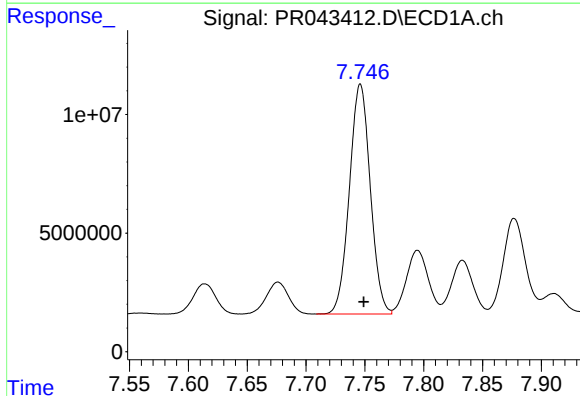
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 100203636
Conc: 446.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



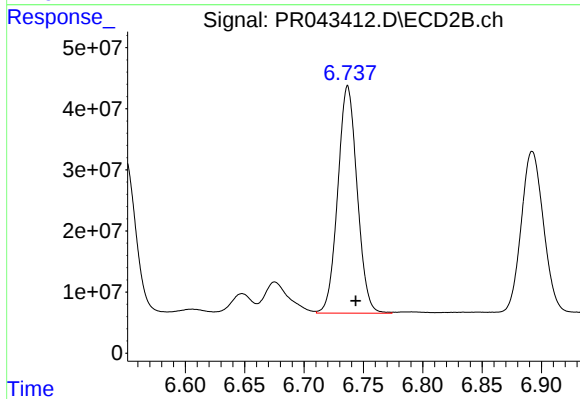
#31 AR-1260-1

R.T.: 6.550 min
Delta R.T.: -0.006 min
Response: 289301646
Conc: 441.71 ng/ml



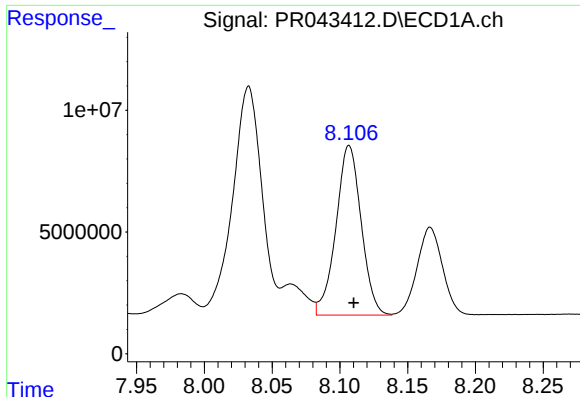
#32 AR-1260-2

R.T.: 7.746 min
Delta R.T.: -0.003 min
Response: 119928303
Conc: 452.09 ng/ml



#32 AR-1260-2

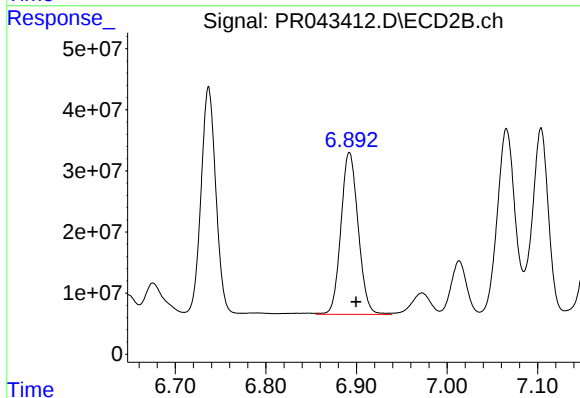
R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 422426266
Conc: 462.59 ng/ml



#33 AR-1260-3

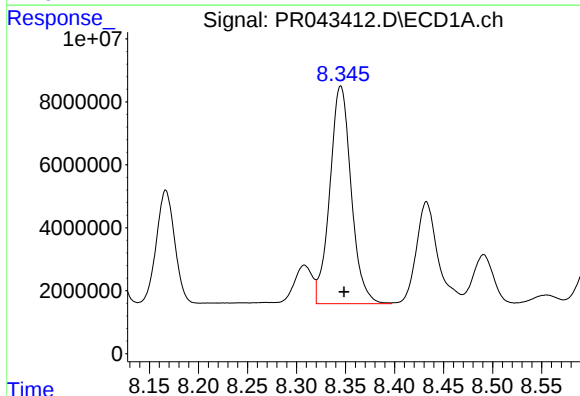
R.T.: 8.107 min
Delta R.T.: -0.003 min
Response: 90225148
Conc: 455.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



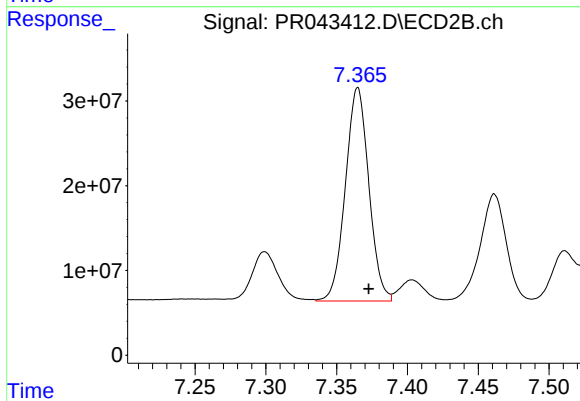
#33 AR-1260-3

R.T.: 6.892 min
Delta R.T.: -0.007 min
Response: 350786194
Conc: 457.42 ng/ml



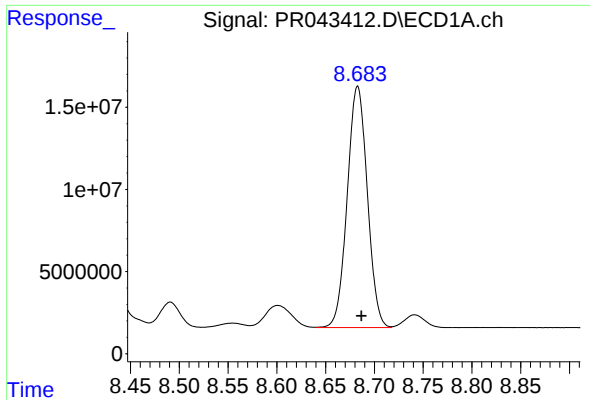
#34 AR-1260-4

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 104828574
Conc: 458.57 ng/ml



#34 AR-1260-4

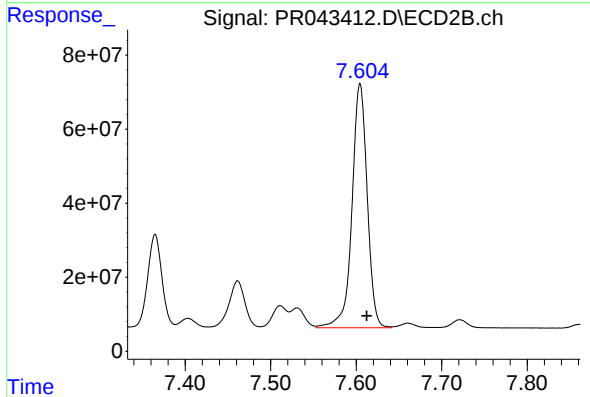
R.T.: 7.365 min
Delta R.T.: -0.008 min
Response: 290214565
Conc: 458.68 ng/ml



#35 AR-1260-5

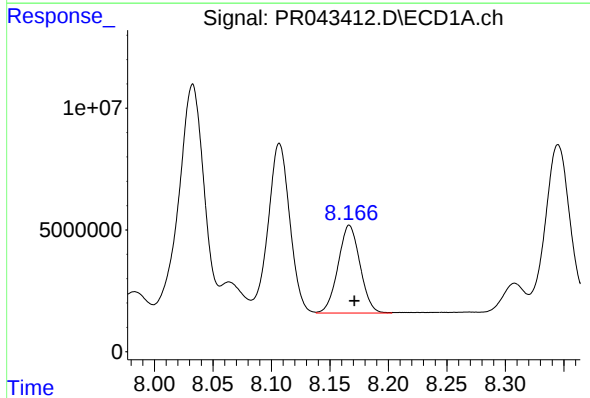
R.T.: 8.683 min
Delta R.T.: -0.004 min
Response: 210750653
Conc: 460.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



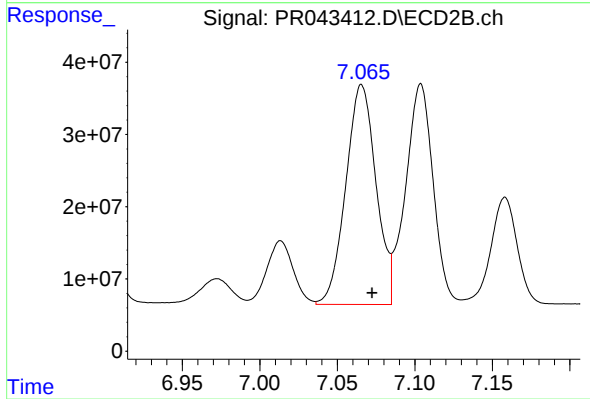
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.008 min
Response: 816370436
Conc: 462.12 ng/ml



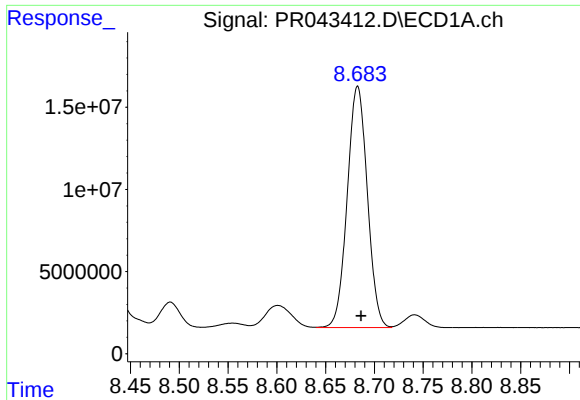
#36 AR-1262-1

R.T.: 8.167 min
Delta R.T.: -0.004 min
Response: 47043781
Conc: 411.83 ng/ml



#36 AR-1262-1

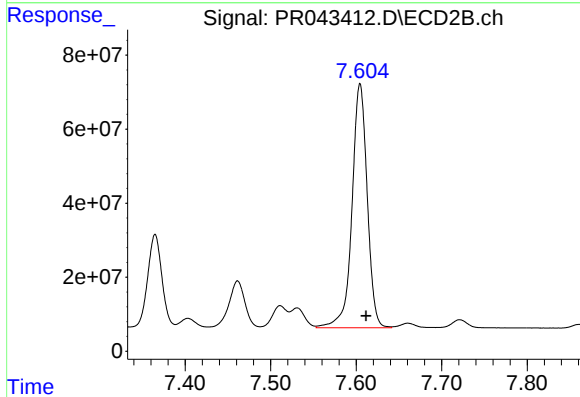
R.T.: 7.066 min
Delta R.T.: -0.007 min
Response: 412940789
Conc: 876.38 ng/ml



#37 AR-1262-2

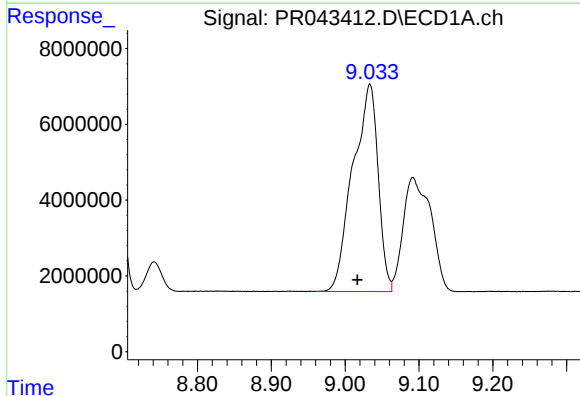
R.T.: 8.683 min
Delta R.T.: -0.004 min
Response: 210750653
Conc: 404.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



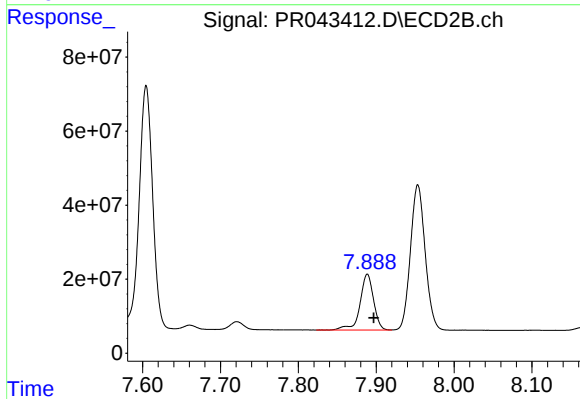
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 816370436
Conc: 423.41 ng/ml



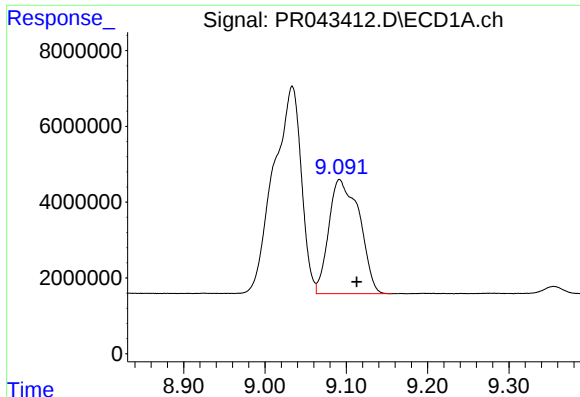
#38 AR-1262-3

R.T.: 9.034 min
Delta R.T.: 0.017 min
Response: 129739395
Conc: 389.84 ng/ml



#38 AR-1262-3

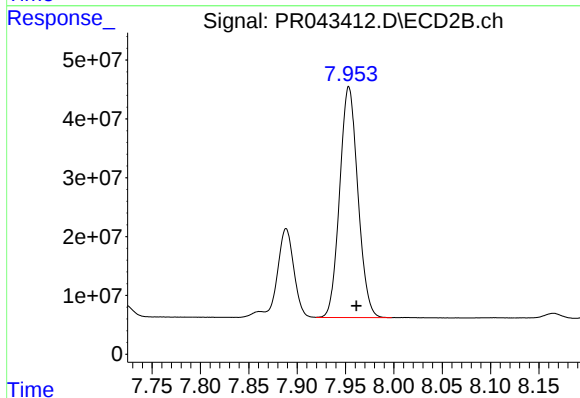
R.T.: 7.889 min
Delta R.T.: -0.008 min
Response: 182094729
Conc: 245.51 ng/ml



#39 AR-1262-4

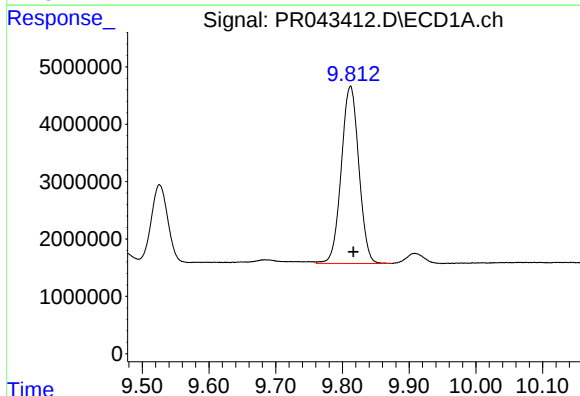
R.T.: 9.092 min
Delta R.T.: -0.021 min
Response: 78776310
Conc: 321.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



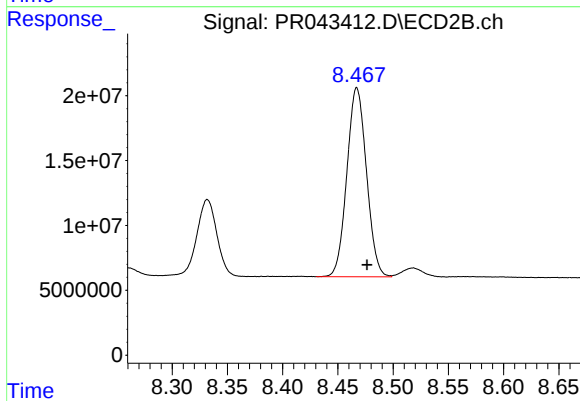
#39 AR-1262-4

R.T.: 7.954 min
Delta R.T.: -0.008 min
Response: 514384947
Conc: 398.49 ng/ml



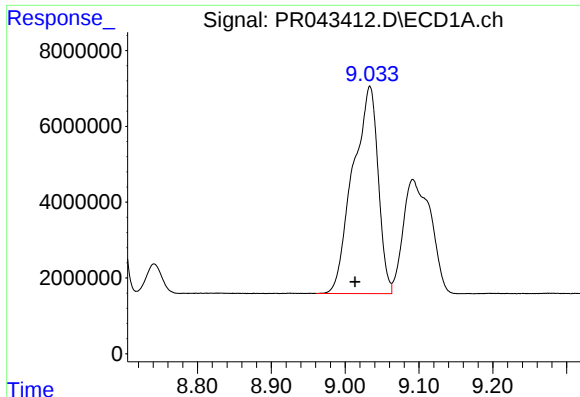
#40 AR-1262-5

R.T.: 9.812 min
Delta R.T.: -0.005 min
Response: 56432281
Conc: 333.85 ng/ml



#40 AR-1262-5

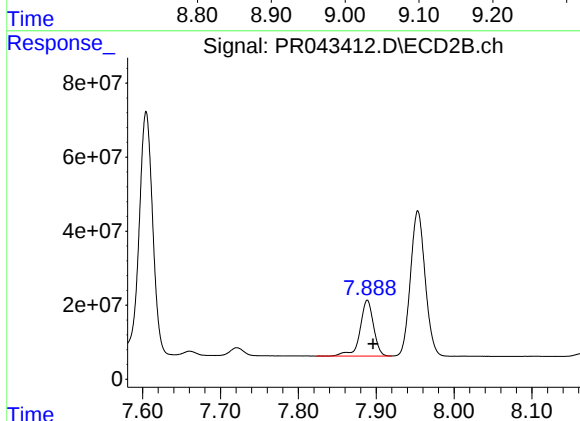
R.T.: 8.467 min
Delta R.T.: -0.009 min
Response: 180004357
Conc: 304.85 ng/ml



#41 AR-1268-1

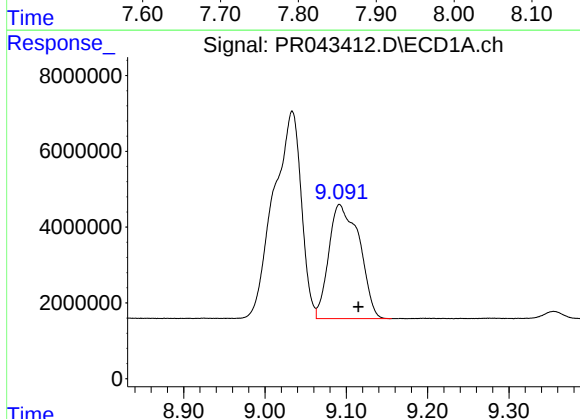
R.T.: 9.034 min
Delta R.T.: 0.020 min
Response: 129739395
Conc: 221.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



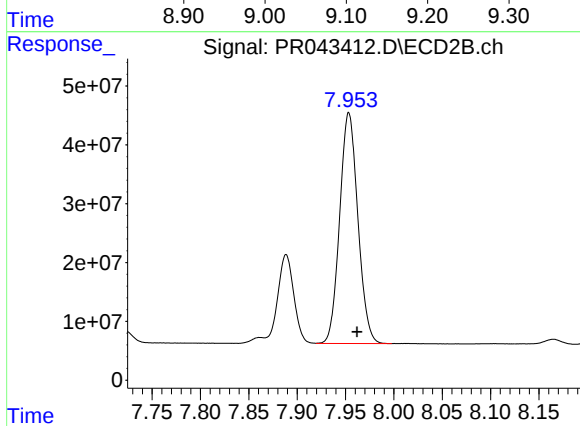
#41 AR-1268-1

R.T.: 7.889 min
Delta R.T.: -0.008 min
Response: 182094729
Conc: 82.19 ng/ml



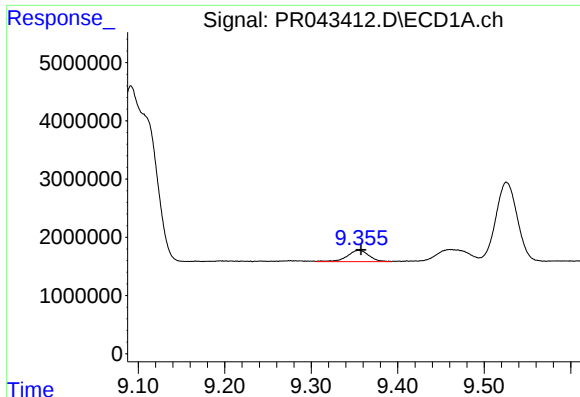
#42 AR-1268-2

R.T.: 9.092 min
Delta R.T.: -0.023 min
Response: 78776310
Conc: 149.29 ng/ml



#42 AR-1268-2

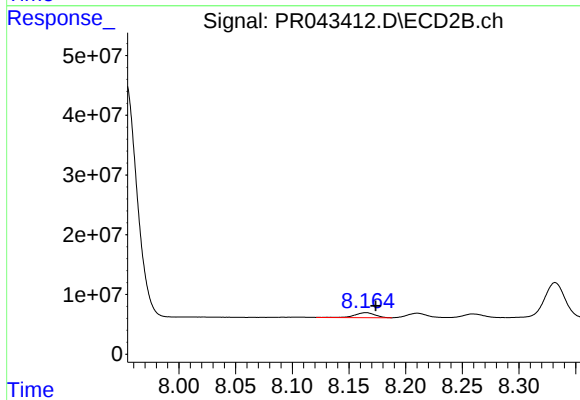
R.T.: 7.954 min
Delta R.T.: -0.008 min
Response: 514384947
Conc: 263.44 ng/ml



#43 AR-1268-3

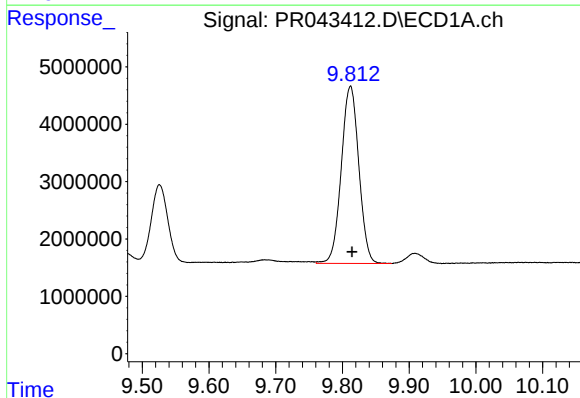
R.T.: 9.355 min
Delta R.T.: -0.002 min
Response: 3397443
Conc: 7.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



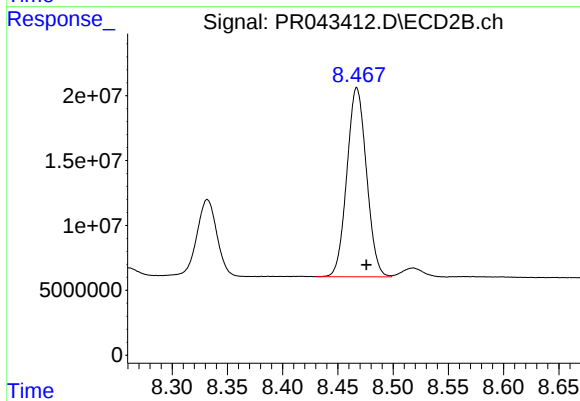
#43 AR-1268-3

R.T.: 8.165 min
Delta R.T.: -0.008 min
Response: 10603431
Conc: 6.40 ng/ml



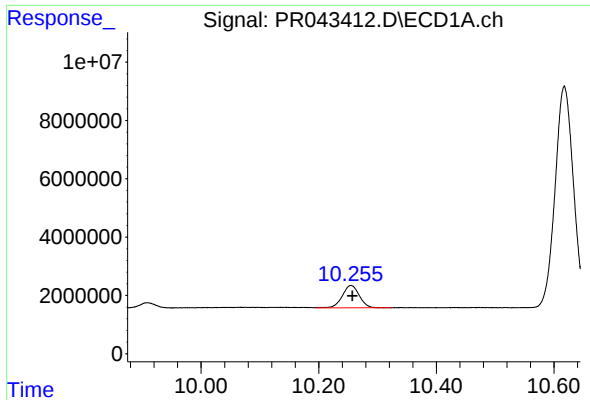
#44 AR-1268-4

R.T.: 9.812 min
Delta R.T.: -0.002 min
Response: 56432281
Conc: 299.21 ng/ml



#44 AR-1268-4

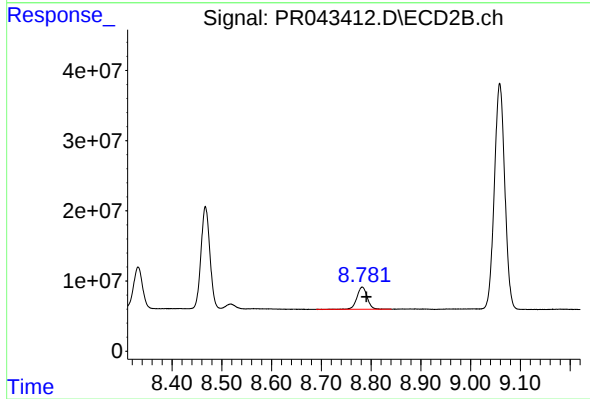
R.T.: 8.467 min
Delta R.T.: -0.009 min
Response: 180004357
Conc: 271.42 ng/ml



#45 AR-1268-5

R.T.: 10.255 min
Delta R.T.: -0.002 min
Response: 15403674
Conc: 10.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660357



#45 AR-1268-5

R.T.: 8.782 min
Delta R.T.: -0.008 min
Response: 45439157
Conc: 9.65 ng/ml