

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
 Data File : PR043401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2019 23:44
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660356

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 03:07:05 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...	4.708	3.967	106.1E6	336.8E6	18.907	17.431
2)	SA Decachlor...	10.618	9.059	163.2E6	461.4E6	45.315	41.024
Target Compounds							
3)	L1 AR-1016-1	5.886	5.061	74374841	222.4E6	396.755	374.792
4)	L1 AR-1016-2	5.909	5.081	107.3E6	293.3E6	408.159	365.994
5)	L1 AR-1016-3	5.972	5.260	64410507	157.0E6	411.706	413.464
6)	L1 AR-1016-4	6.072	5.299	53909726	111.6E6	414.064	396.935
7)	L1 AR-1016-5	6.365	5.516	53850120	139.9E6	417.048	441.067
8)	L2 AR-1221-1	4.912	4.178	6270185	20210857	115.829	103.609
9)	L2 AR-1221-2	5.005	4.267	8320078	27900879	216.659	207.981
10)	L2 AR-1221-3	5.083	4.343	34648071	115.3E6	271.574	252.721
11)	L3 AR-1232-1	5.083	4.343	34648071	115.3E6	313.713	292.030
12)	L3 AR-1232-2	5.618	5.081	50382877	293.3E6	883.191	795.669
13)	L3 AR-1232-3	5.909	5.260	107.3E6	157.0E6	935.247	908.490
14)	L3 AR-1232-4	6.072	5.343	53909726	131.1E6	946.529	981.427
15)	L3 AR-1232-5	6.158	5.516	47809632	139.9E6	1114.600	1026.349
16)	L4 AR-1242-1	5.886	5.061	74374841	222.4E6	507.103	485.684
17)	L4 AR-1242-2	5.909	5.081	107.3E6	293.3E6	527.784	478.865
18)	L4 AR-1242-3	5.972	5.260	64410507	157.0E6	523.616	537.579
19)	L4 AR-1242-4	6.072	5.343	53909726	131.1E6	530.208	520.310
20)	L4 AR-1242-5	6.809	5.869	7949542	112.4E6	73.537	378.299 #
21)	L5 AR-1248-1	5.886	5.061	74374841	222.4E6	648.395	597.354
22)	L5 AR-1248-2	6.158	5.299	47809632	111.6E6	304.461	290.315
23)	L5 AR-1248-3	6.365	5.343	53850120	131.1E6	307.898	346.833
24)	L5 AR-1248-4	6.769	5.516	8850381	139.9E6	44.657	335.775 #
25)	L5 AR-1248-5	6.809	5.910	7949542	29399213	42.603	66.730 #
26)	L6 AR-1254-1	6.743	5.869	36395080	112.4E6	189.199	180.046
27)	L6 AR-1254-2	6.959	6.015	39880501	110.6E6	135.223	196.924 #
28)	L6 AR-1254-3	7.330	6.436	24276196	244.0E6	78.772	249.885 #
29)	L6 AR-1254-4	7.615	6.649	15972307	34163736	70.704	47.807 #
30)	L6 AR-1254-5	8.033	7.067	136.1E6	388.1E6	582.518	469.307
31)	L7 AR-1260-1	7.492	6.551	95593677	272.7E6	425.903	416.307
32)	L7 AR-1260-2	7.747	6.738	114.8E6	399.2E6	432.939	437.109
33)	L7 AR-1260-3	8.108	6.893	87155793	329.8E6	439.537	430.052
34)	L7 AR-1260-4	8.346	7.366	101.2E6	273.2E6	442.755	431.858
35)	L7 AR-1260-5	8.684	7.606	204.8E6	782.3E6	447.180	442.810
36)	L8 AR-1262-1	8.167	7.067	45814542	388.1E6	401.067	823.594 #
37)	L8 AR-1262-2	8.684	7.606	204.8E6	782.3E6	393.186	405.722
38)	L8 AR-1262-3	9.034	7.890	126.6E6	167.9E6	380.360	226.305 #
39)	L8 AR-1262-4	9.091	7.954	77063208	499.8E6	314.539	387.168
40)	L8 AR-1262-5	9.812	8.469	55983398	176.4E6	331.193	298.712
41)	L9 AR-1268-1	9.034	7.890	126.6E6	167.9E6	216.478	75.760 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112119\
Data File : PR043401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2019 23:44
Operator : SM\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

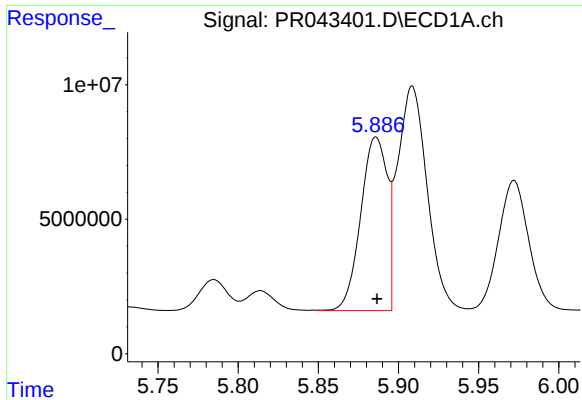
Instrument :
ECD_R
ClientSampleId :
AR1660356

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 22 03:07:05 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	9.091	7.954	77063208	499.8E6	146.039	255.955 #
43)	L9 AR-1268-3	9.356	8.166	3863835	9797991	8.941	5.910 #
44)	L9 AR-1268-4	9.812	8.469	55983398	176.4E6	296.829	265.949
45)	L9 AR-1268-5	10.256	8.783	14803769	45098976	10.509	9.575

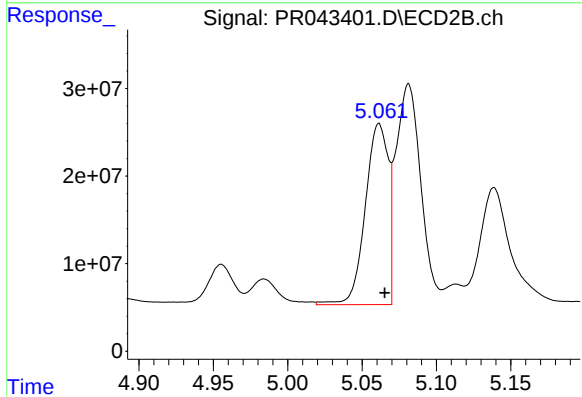
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

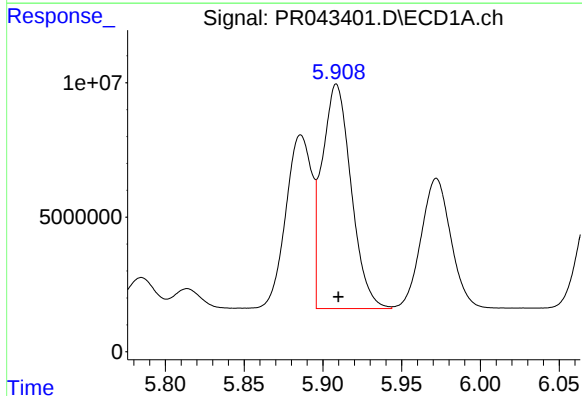
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 74374841
Conc: 396.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



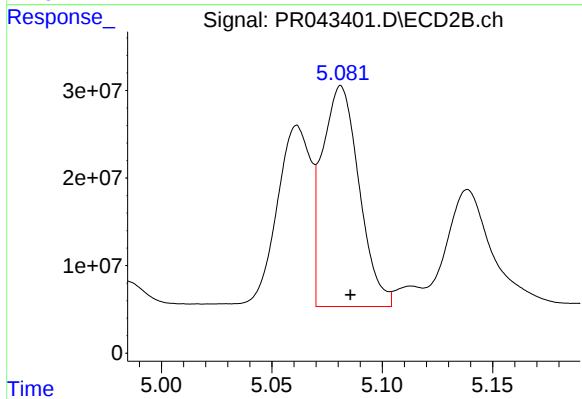
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 222428369
Conc: 374.79 ng/ml



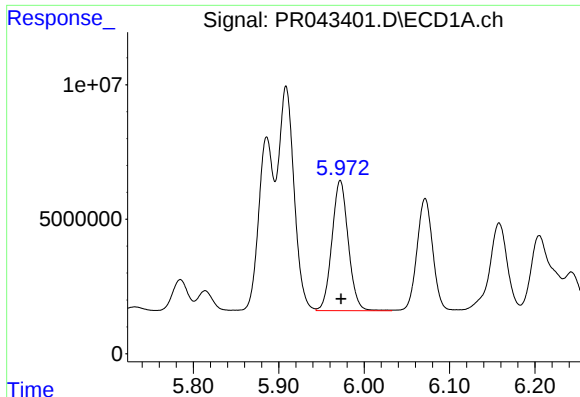
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 107275632
Conc: 408.16 ng/ml



#4 AR-1016-2

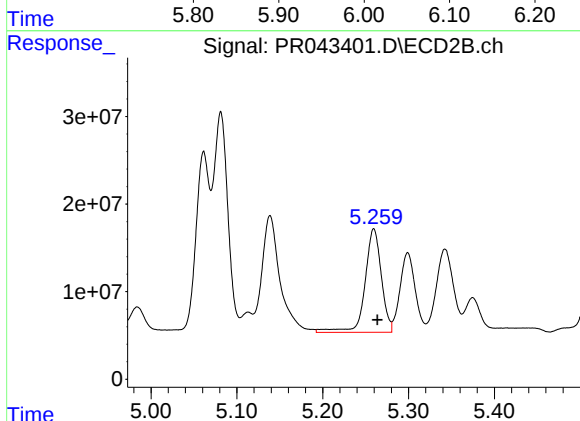
R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 293250286
Conc: 365.99 ng/ml



#5 AR-1016-3

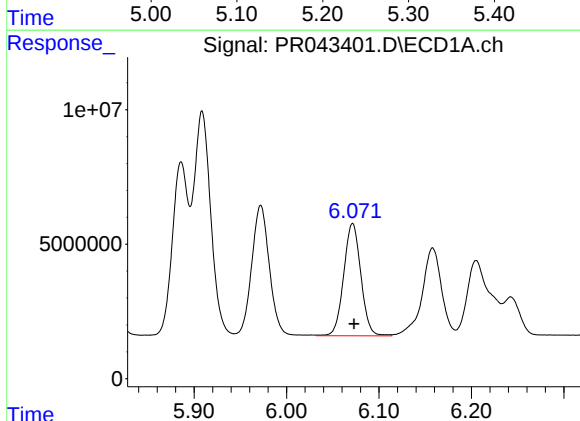
R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 64410507
Conc: 411.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



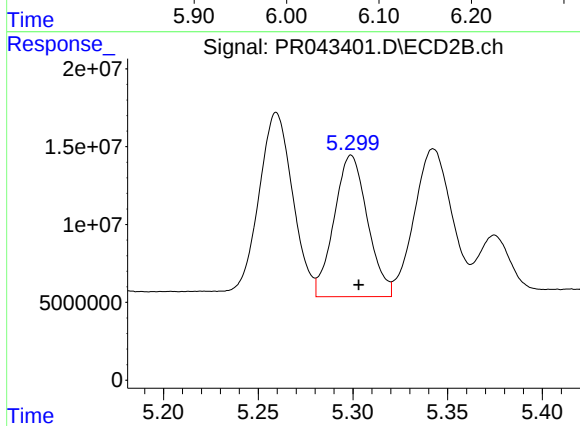
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 156993562
Conc: 413.46 ng/ml



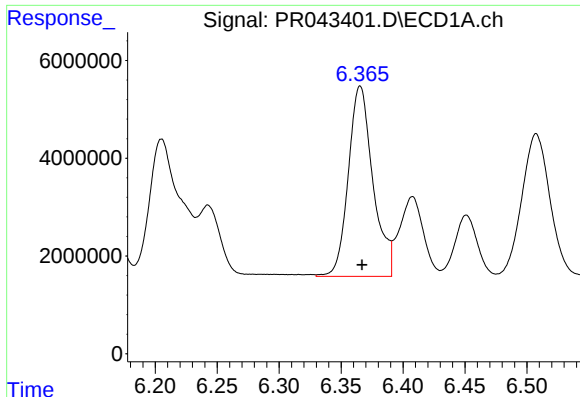
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 53909726
Conc: 414.06 ng/ml



#6 AR-1016-4

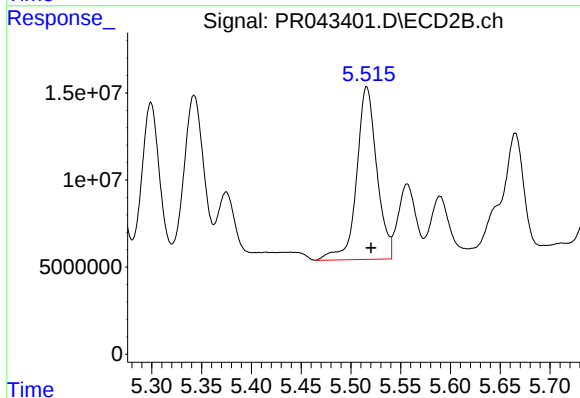
R.T.: 5.299 min
Delta R.T.: -0.004 min
Response: 111567724
Conc: 396.93 ng/ml



#7 AR-1016-5

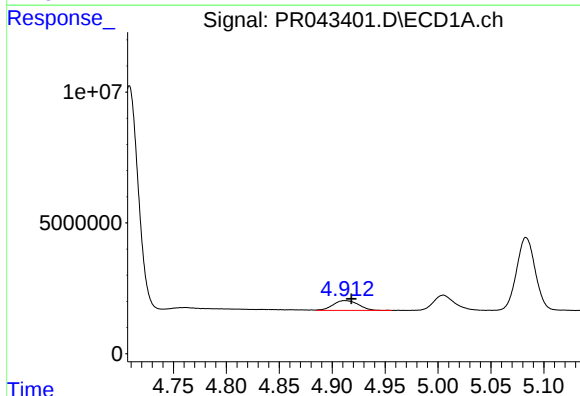
R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 53850120
Conc: 417.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



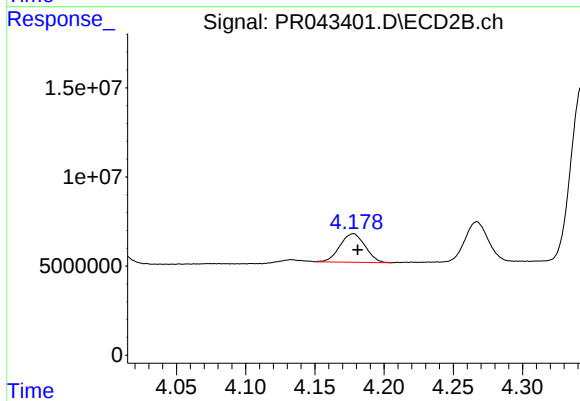
#7 AR-1016-5

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 139865336
Conc: 441.07 ng/ml



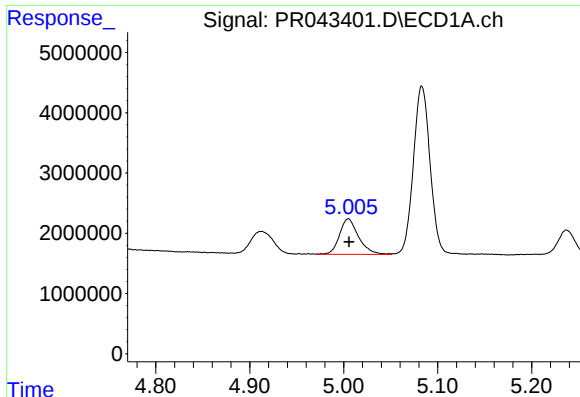
#8 AR-1221-1

R.T.: 4.912 min
Delta R.T.: -0.006 min
Response: 6270185
Conc: 115.83 ng/ml



#8 AR-1221-1

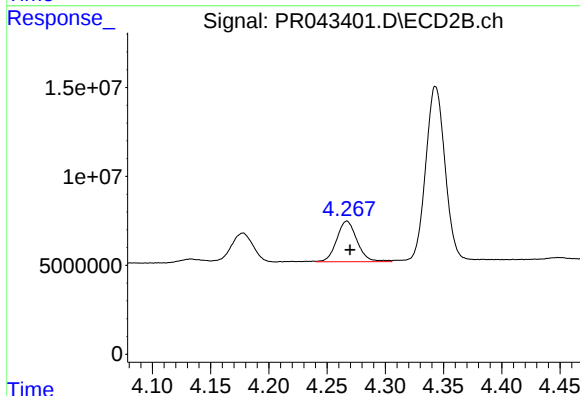
R.T.: 4.178 min
Delta R.T.: -0.003 min
Response: 20210857
Conc: 103.61 ng/ml



#9 AR-1221-2

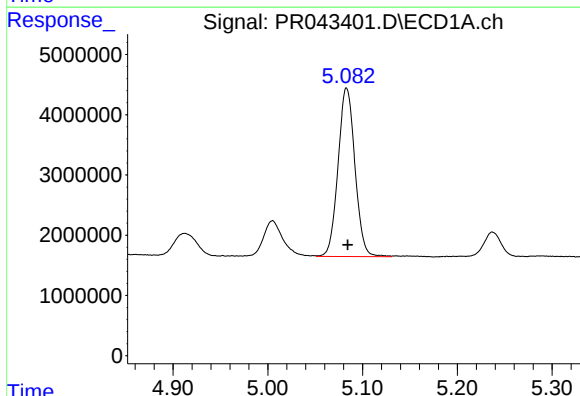
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 8320078
Conc: 216.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



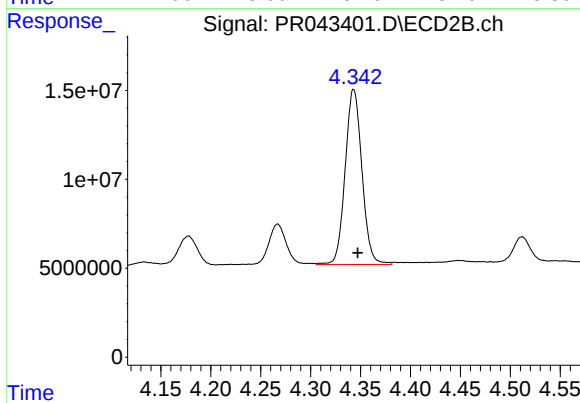
#9 AR-1221-2

R.T.: 4.267 min
Delta R.T.: -0.003 min
Response: 27900879
Conc: 207.98 ng/ml



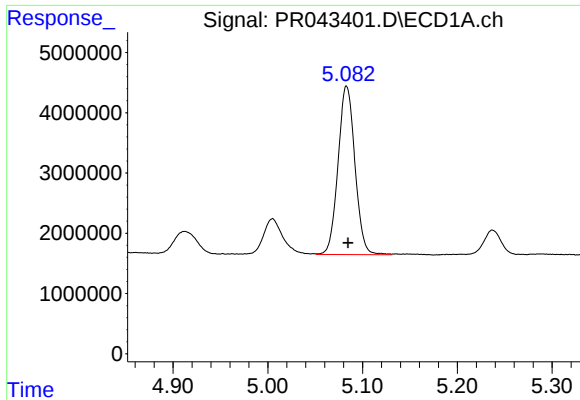
#10 AR-1221-3

R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 34648071
Conc: 271.57 ng/ml



#10 AR-1221-3

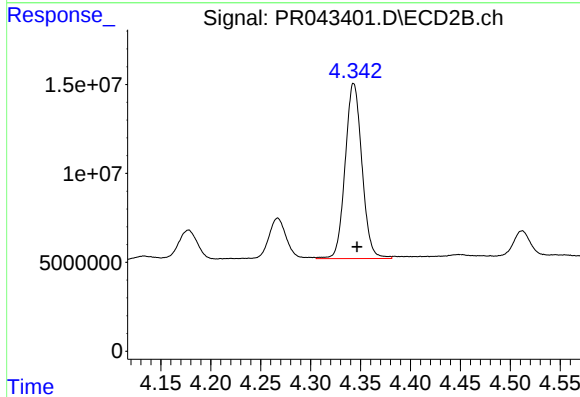
R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 115266347
Conc: 252.72 ng/ml



#11 AR-1232-1

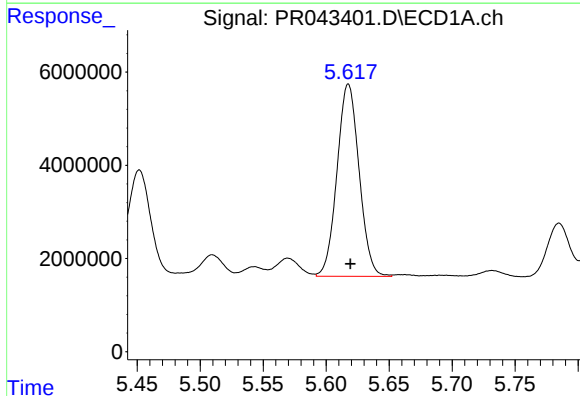
R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 34648071
Conc: 313.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



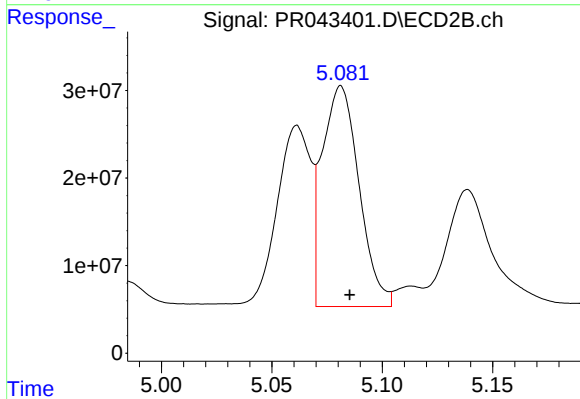
#11 AR-1232-1

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 115266347
Conc: 292.03 ng/ml



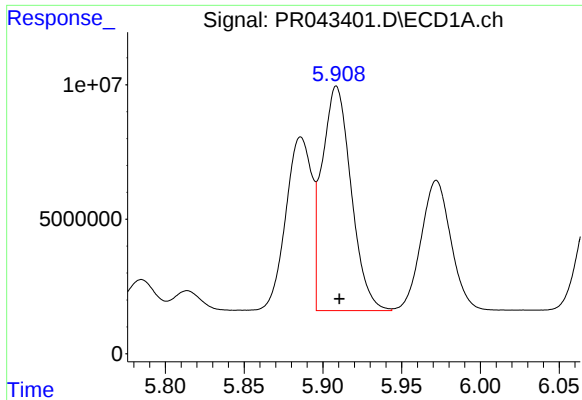
#12 AR-1232-2

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 50382877
Conc: 883.19 ng/ml



#12 AR-1232-2

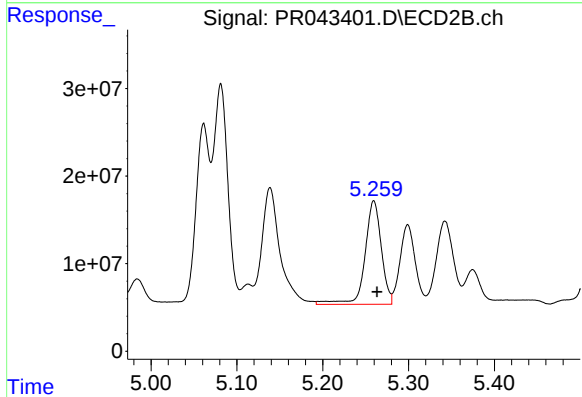
R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 293250286
Conc: 795.67 ng/ml



#13 AR-1232-3

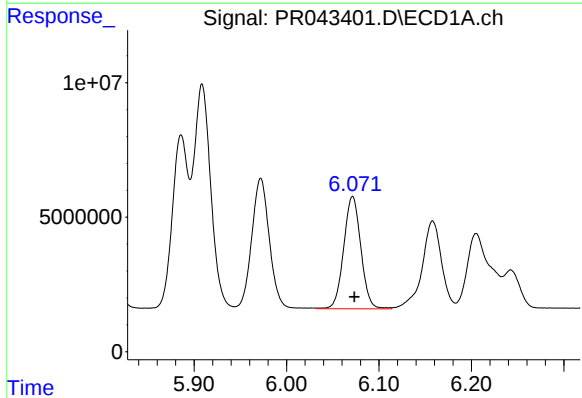
R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 107275632
Conc: 935.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



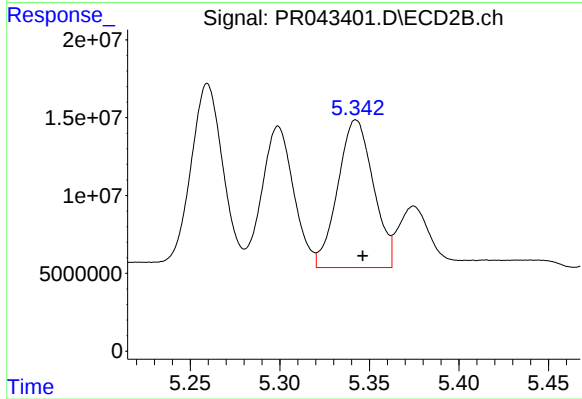
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 156993562
Conc: 908.49 ng/ml



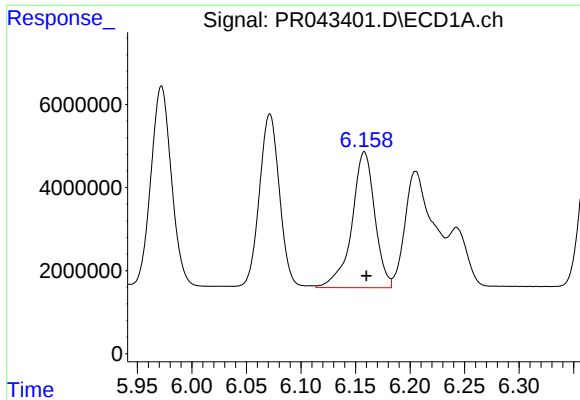
#14 AR-1232-4

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 53909726
Conc: 946.53 ng/ml



#14 AR-1232-4

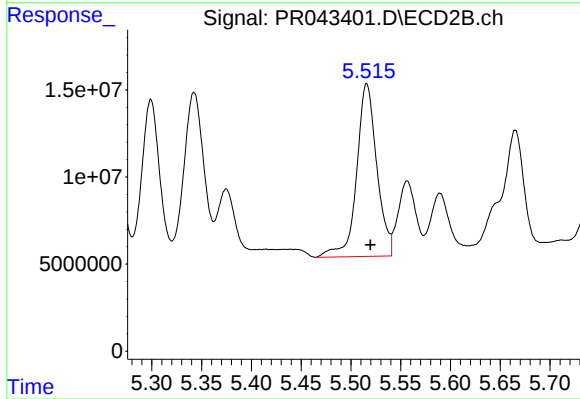
R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 131148309
Conc: 981.43 ng/ml



#15 AR-1232-5

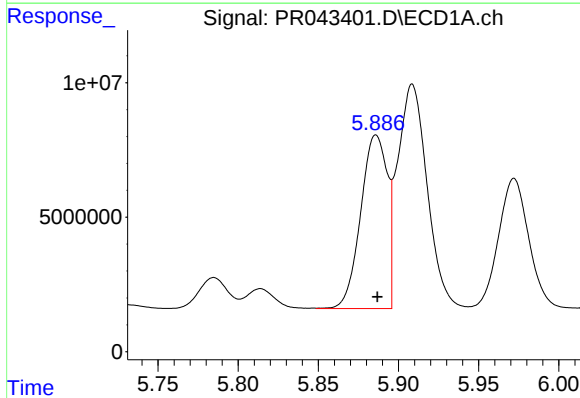
R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 47809632
Conc: 1114.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



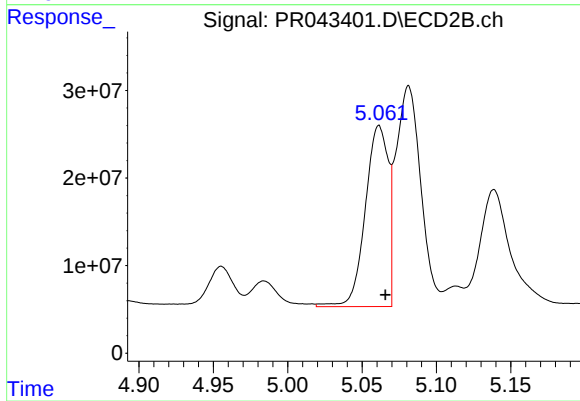
#15 AR-1232-5

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 139865336
Conc: 1026.35 ng/ml



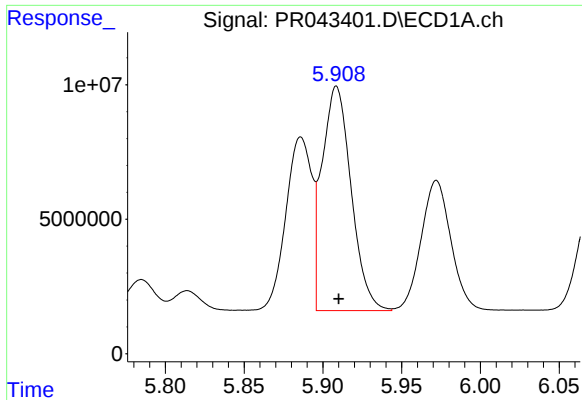
#16 AR-1242-1

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 74374841
Conc: 507.10 ng/ml



#16 AR-1242-1

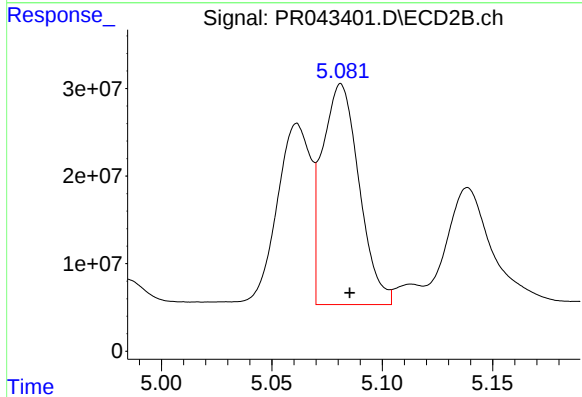
R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 222428369
Conc: 485.68 ng/ml



#17 AR-1242-2

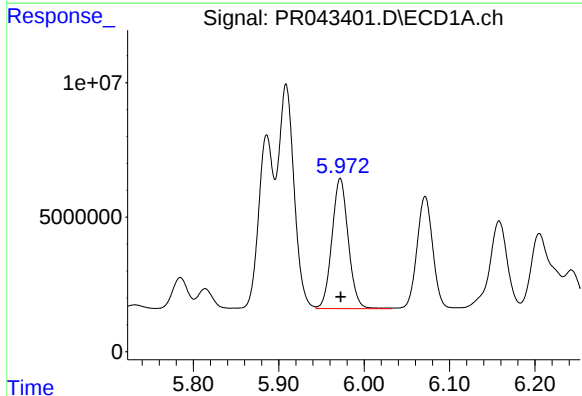
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 107275632
Conc: 527.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



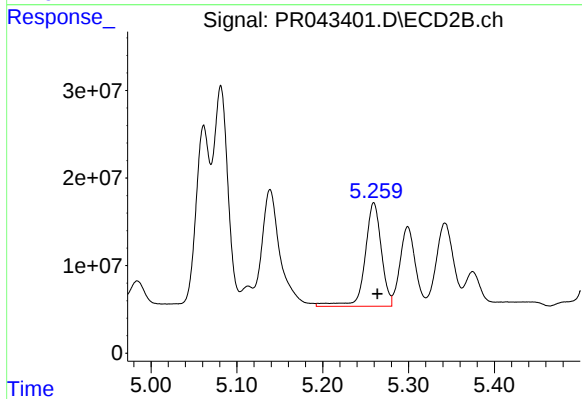
#17 AR-1242-2

R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 293250286
Conc: 478.86 ng/ml



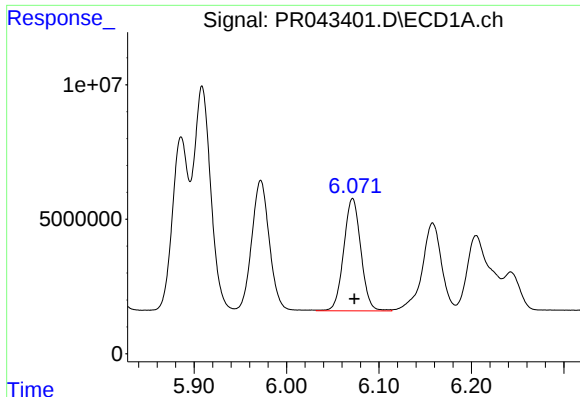
#18 AR-1242-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 64410507
Conc: 523.62 ng/ml



#18 AR-1242-3

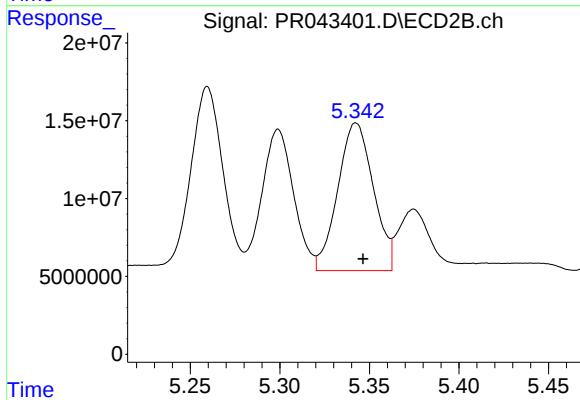
R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 156993562
Conc: 537.58 ng/ml



#19 AR-1242-4

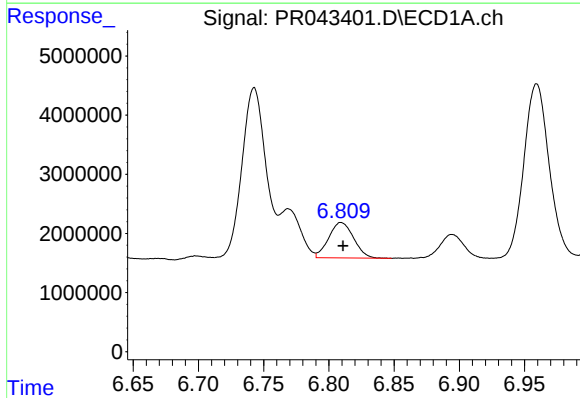
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 53909726
Conc: 530.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



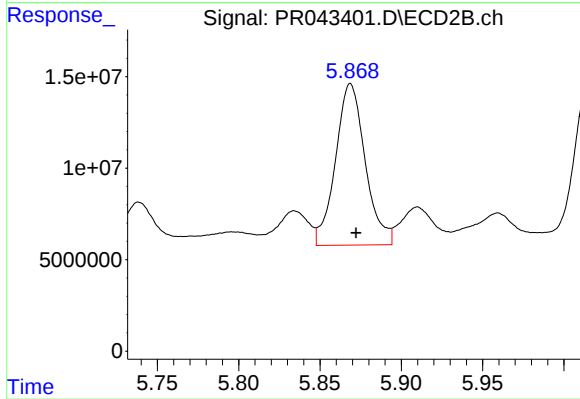
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 131148309
Conc: 520.31 ng/ml



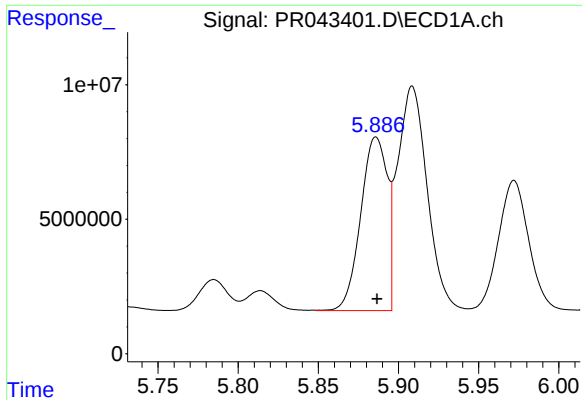
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: -0.001 min
Response: 7949542
Conc: 73.54 ng/ml



#20 AR-1242-5

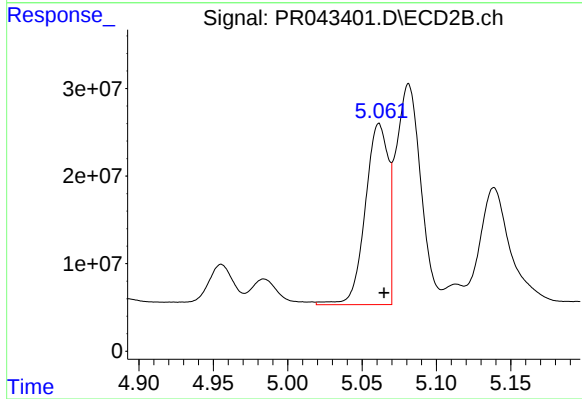
R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 112413757
Conc: 378.30 ng/ml



#21 AR-1248-1

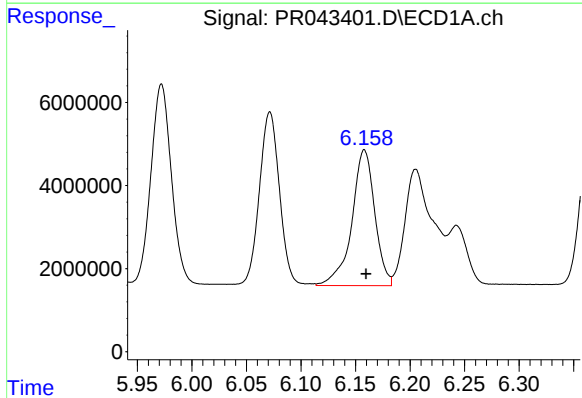
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 74374841
Conc: 648.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



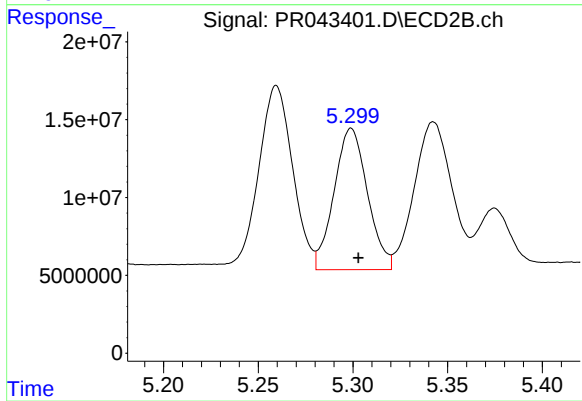
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: -0.003 min
Response: 222428369
Conc: 597.35 ng/ml



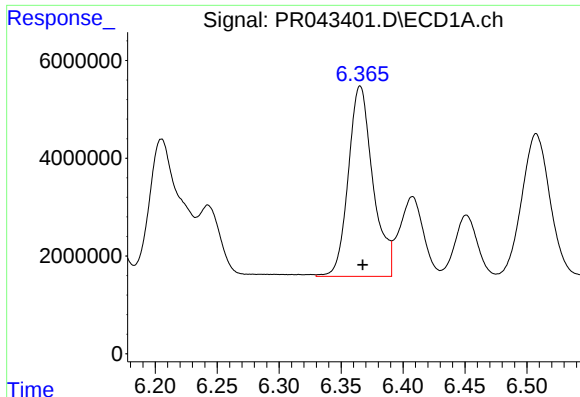
#22 AR-1248-2

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 47809632
Conc: 304.46 ng/ml



#22 AR-1248-2

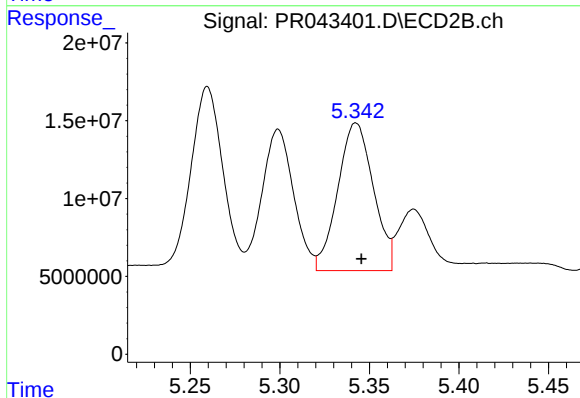
R.T.: 5.299 min
Delta R.T.: -0.004 min
Response: 111567724
Conc: 290.32 ng/ml



#23 AR-1248-3

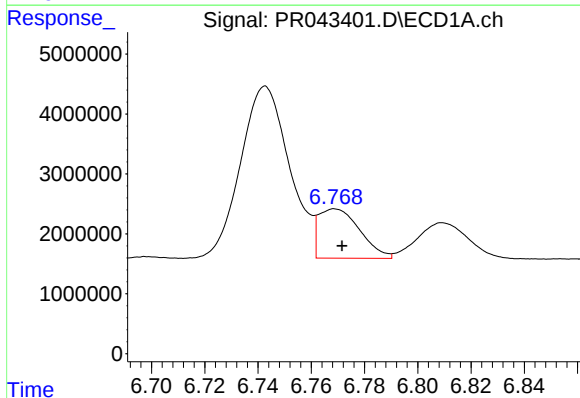
R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 53850120
Conc: 307.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



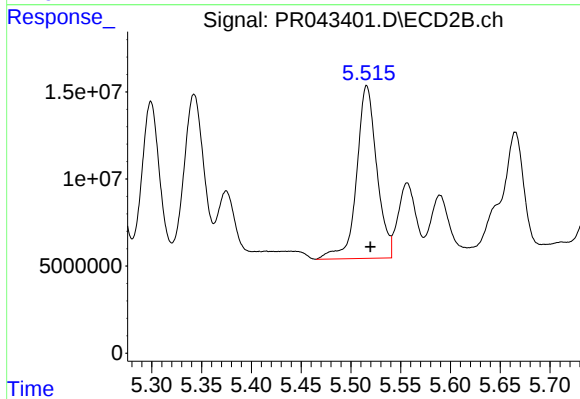
#23 AR-1248-3

R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 131148309
Conc: 346.83 ng/ml



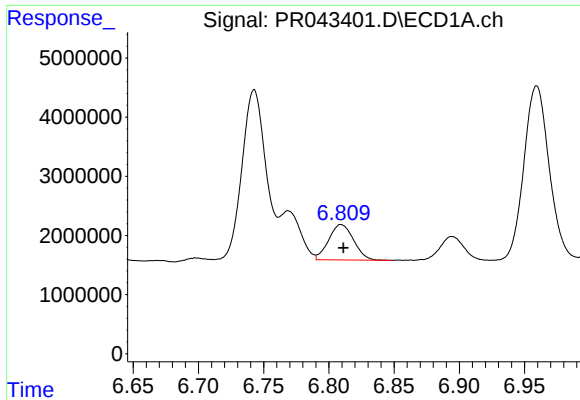
#24 AR-1248-4

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 8850381
Conc: 44.66 ng/ml



#24 AR-1248-4

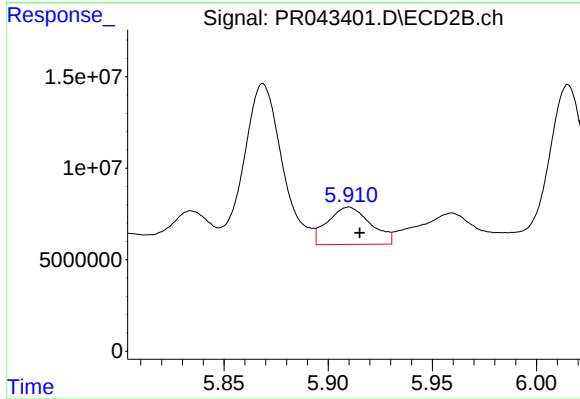
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 139865336
Conc: 335.77 ng/ml



#25 AR-1248-5

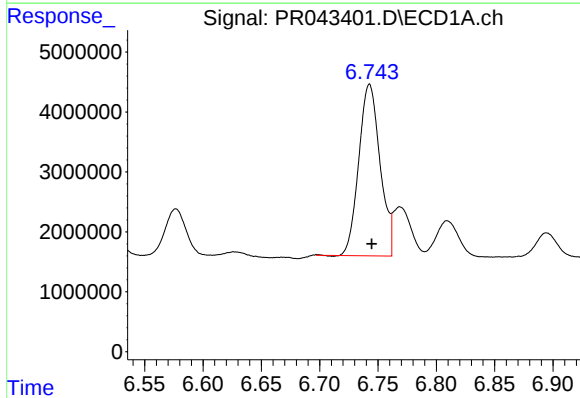
R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 7949542
Conc: 42.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



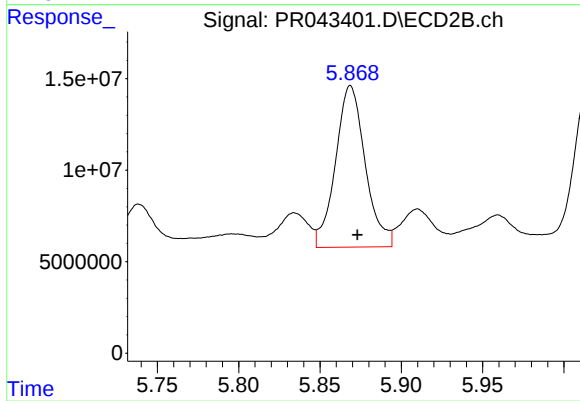
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: -0.005 min
Response: 29399213
Conc: 66.73 ng/ml



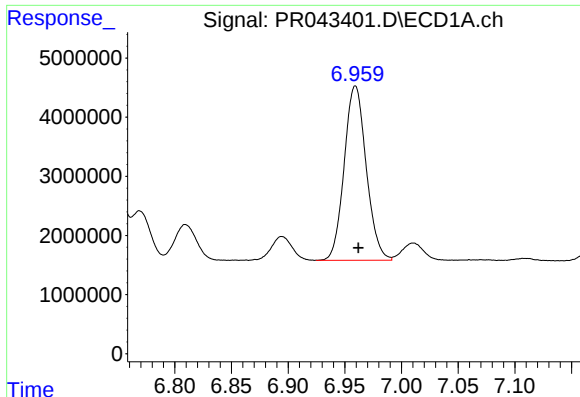
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 36395080
Conc: 189.20 ng/ml



#26 AR-1254-1

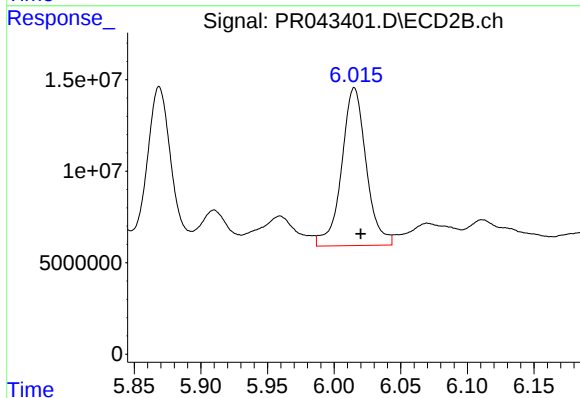
R.T.: 5.869 min
Delta R.T.: -0.004 min
Response: 112413757
Conc: 180.05 ng/ml



#27 AR-1254-2

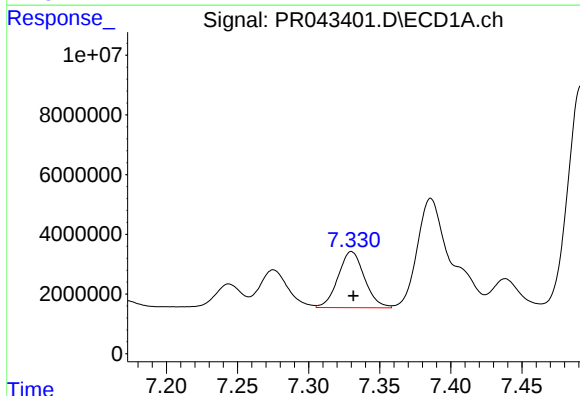
R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 39880501
Conc: 135.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



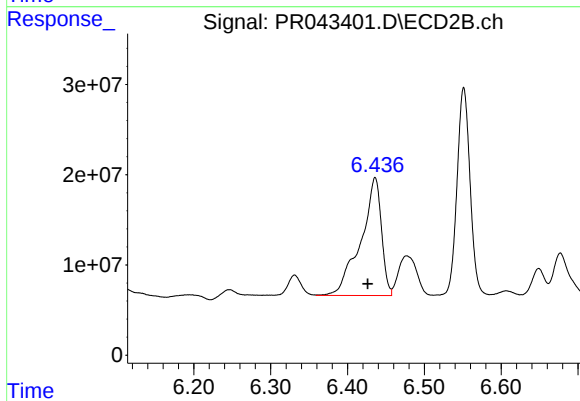
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.005 min
Response: 110615045
Conc: 196.92 ng/ml



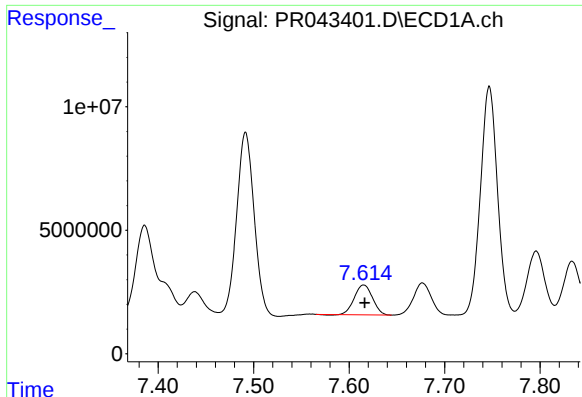
#28 AR-1254-3

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 24276196
Conc: 78.77 ng/ml



#28 AR-1254-3

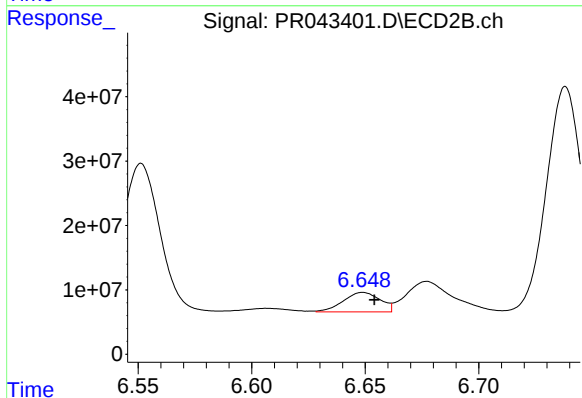
R.T.: 6.436 min
Delta R.T.: 0.010 min
Response: 244044905
Conc: 249.88 ng/ml



#29 AR-1254-4

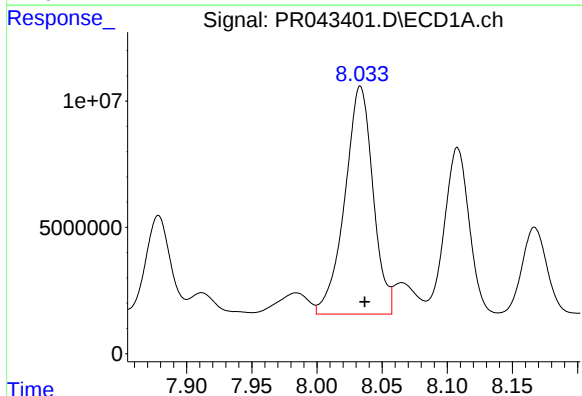
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 15972307
Conc: 70.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



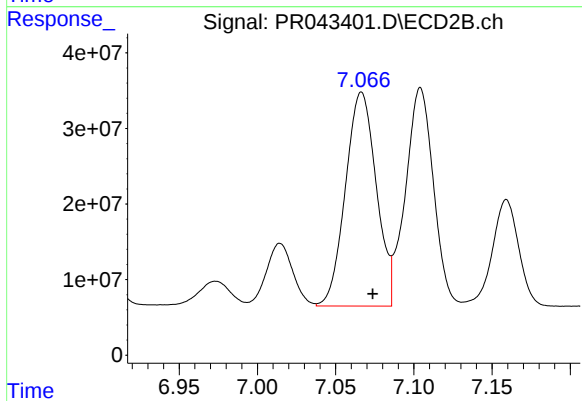
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.005 min
Response: 34163736
Conc: 47.81 ng/ml



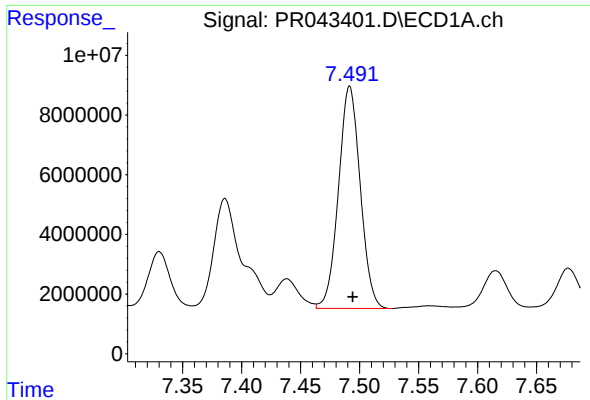
#30 AR-1254-5

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 136061461
Conc: 582.52 ng/ml



#30 AR-1254-5

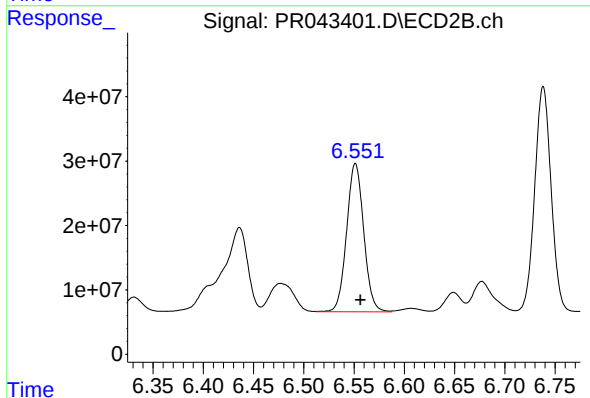
R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 388068773
Conc: 469.31 ng/ml



#31 AR-1260-1

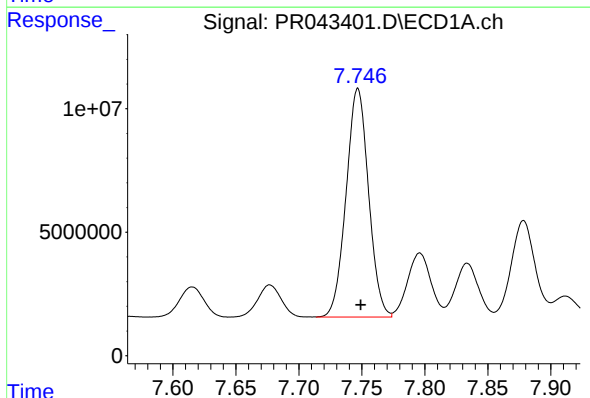
R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 95593677
Conc: 425.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



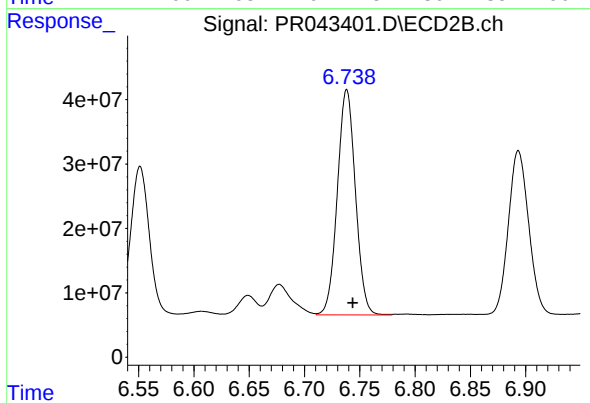
#31 AR-1260-1

R.T.: 6.551 min
Delta R.T.: -0.005 min
Response: 272665577
Conc: 416.31 ng/ml



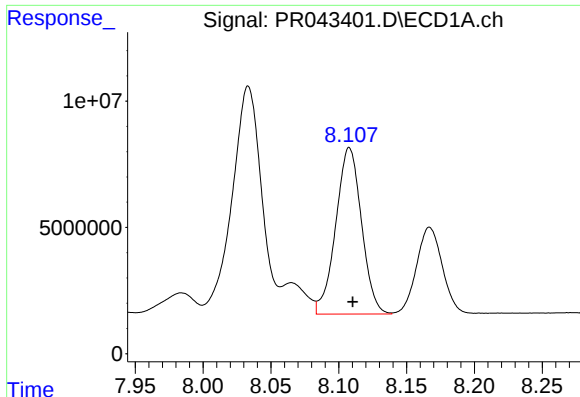
#32 AR-1260-2

R.T.: 7.747 min
Delta R.T.: -0.002 min
Response: 114847605
Conc: 432.94 ng/ml



#32 AR-1260-2

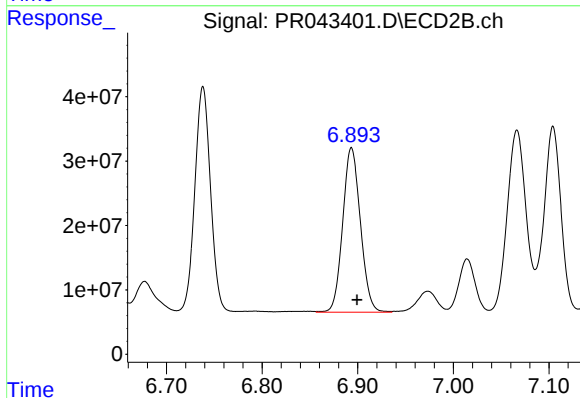
R.T.: 6.738 min
Delta R.T.: -0.005 min
Response: 399157619
Conc: 437.11 ng/ml



#33 AR-1260-3

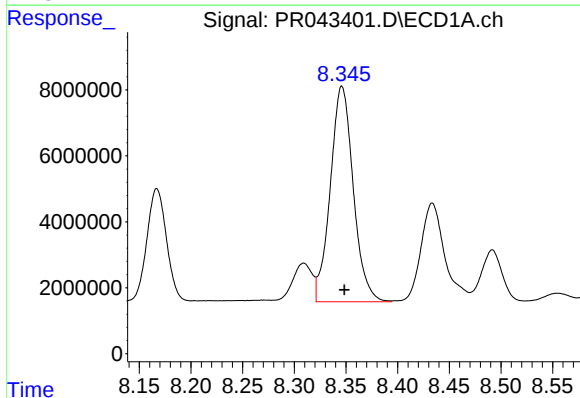
R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 87155793
Conc: 439.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



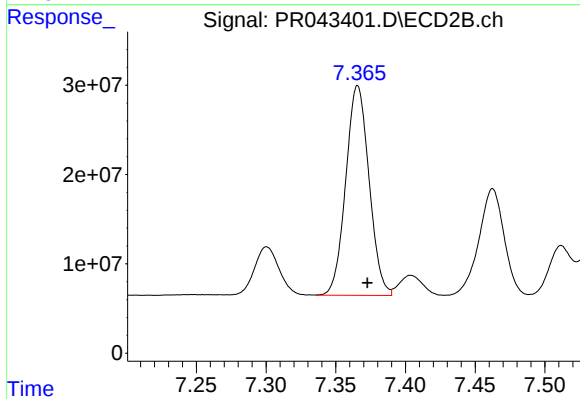
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.006 min
Response: 329798146
Conc: 430.05 ng/ml



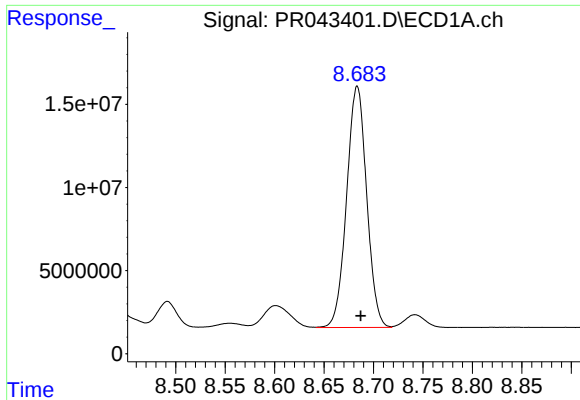
#34 AR-1260-4

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 101213273
Conc: 442.75 ng/ml



#34 AR-1260-4

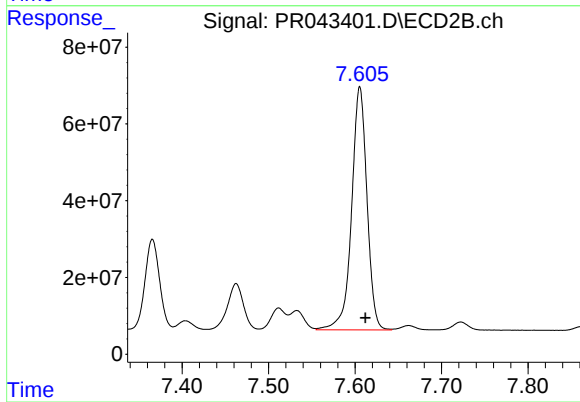
R.T.: 7.366 min
Delta R.T.: -0.007 min
Response: 273241811
Conc: 431.86 ng/ml



#35 AR-1260-5

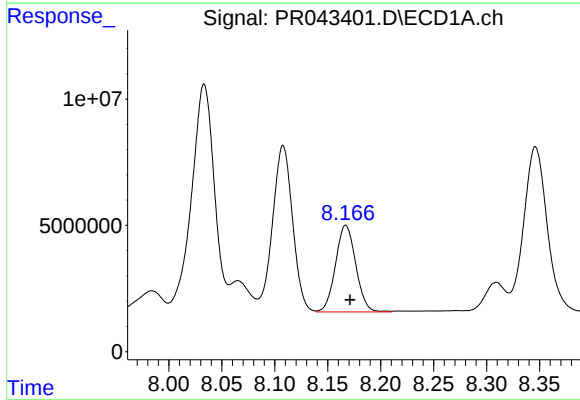
R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 204813839
Conc: 447.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



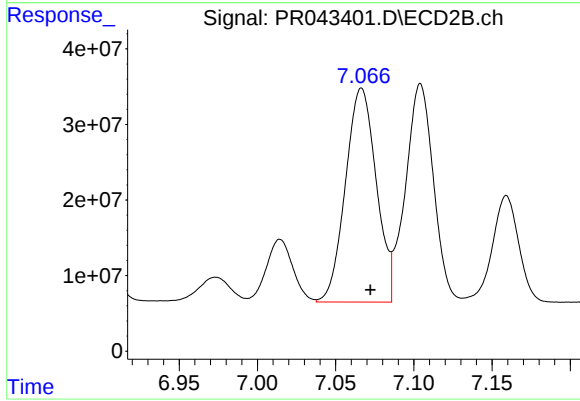
#35 AR-1260-5

R.T.: 7.606 min
Delta R.T.: -0.007 min
Response: 782264332
Conc: 442.81 ng/ml



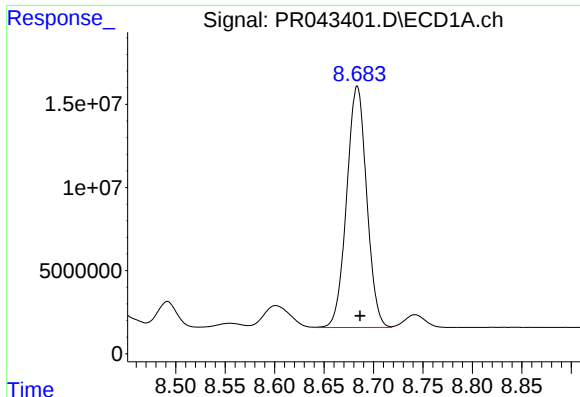
#36 AR-1262-1

R.T.: 8.167 min
Delta R.T.: -0.004 min
Response: 45814542
Conc: 401.07 ng/ml



#36 AR-1262-1

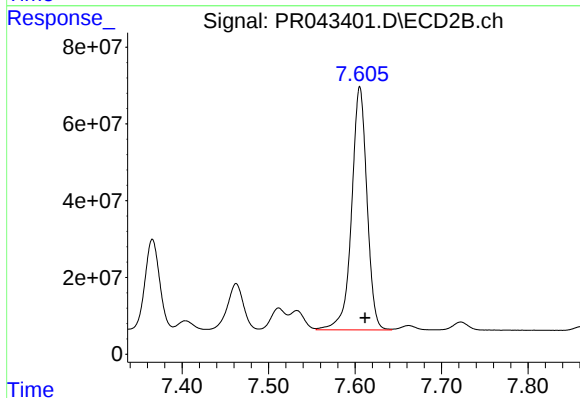
R.T.: 7.067 min
Delta R.T.: -0.006 min
Response: 388068773
Conc: 823.59 ng/ml



#37 AR-1262-2

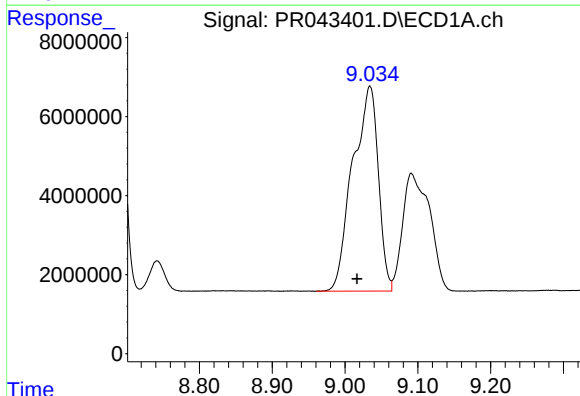
R.T.: 8.684 min
Delta R.T.: -0.003 min
Response: 204813839
Conc: 393.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



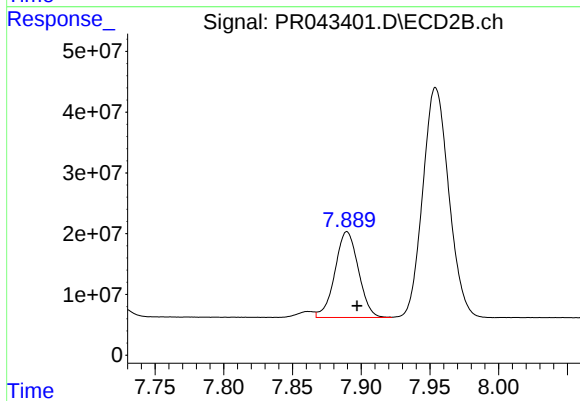
#37 AR-1262-2

R.T.: 7.606 min
Delta R.T.: -0.006 min
Response: 782264332
Conc: 405.72 ng/ml



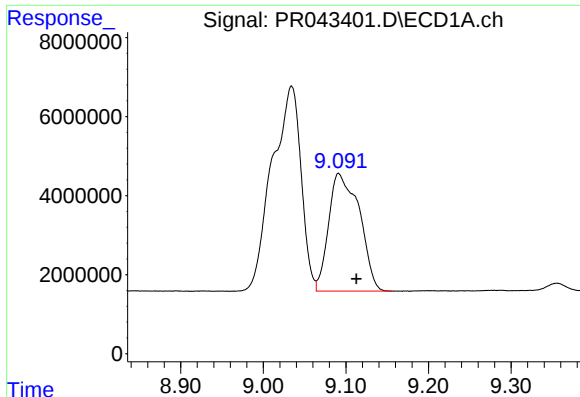
#38 AR-1262-3

R.T.: 9.034 min
Delta R.T.: 0.018 min
Response: 126583473
Conc: 380.36 ng/ml



#38 AR-1262-3

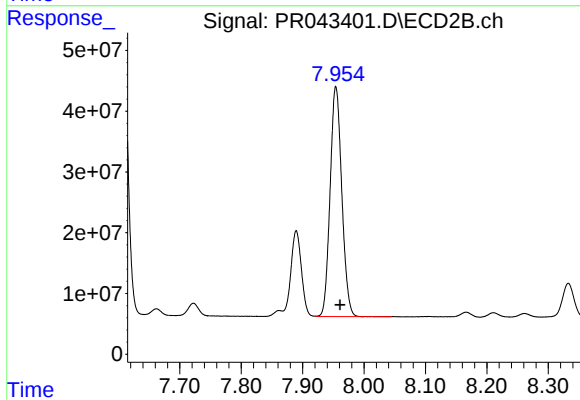
R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 167851720
Conc: 226.31 ng/ml



#39 AR-1262-4

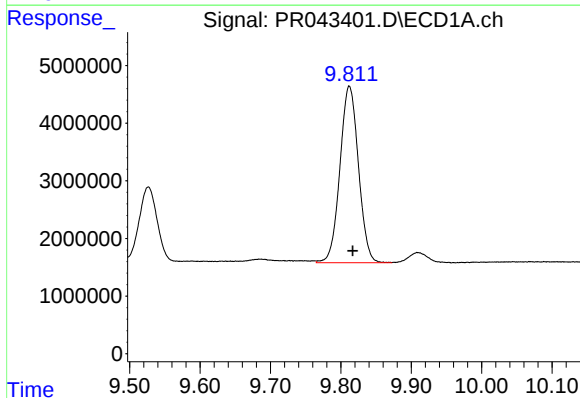
R.T.: 9.091 min
Delta R.T.: -0.022 min
Response: 77063208
Conc: 314.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



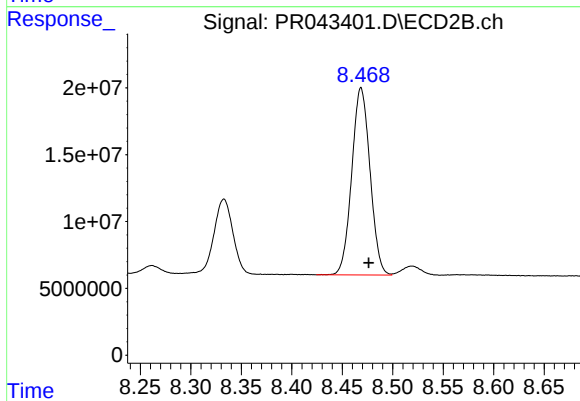
#39 AR-1262-4

R.T.: 7.954 min
Delta R.T.: -0.007 min
Response: 499769179
Conc: 387.17 ng/ml



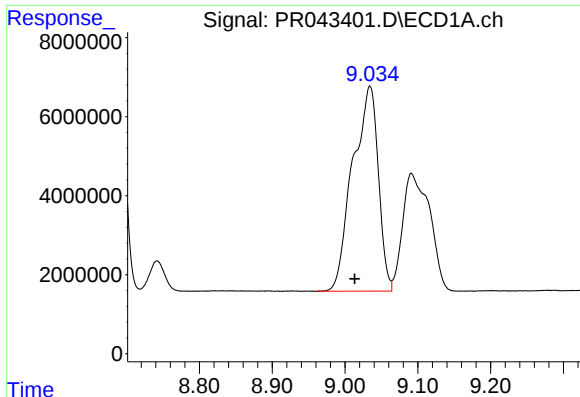
#40 AR-1262-5

R.T.: 9.812 min
Delta R.T.: -0.005 min
Response: 55983398
Conc: 331.19 ng/ml



#40 AR-1262-5

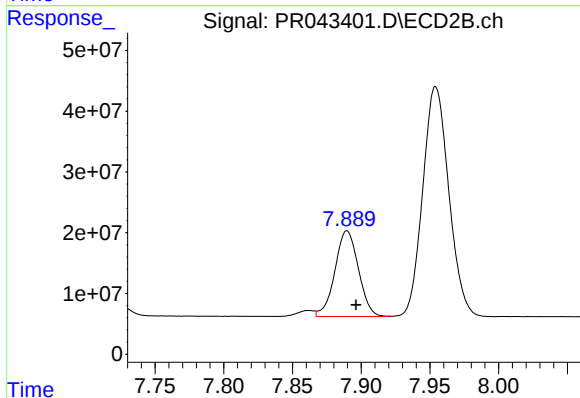
R.T.: 8.469 min
Delta R.T.: -0.008 min
Response: 176378559
Conc: 298.71 ng/ml



#41 AR-1268-1

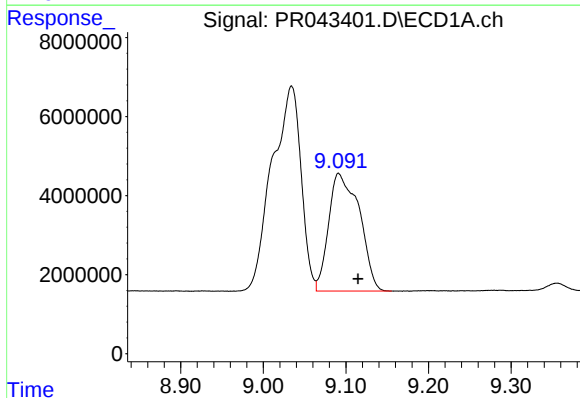
R.T.: 9.034 min
Delta R.T.: 0.021 min
Response: 126583473
Conc: 216.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



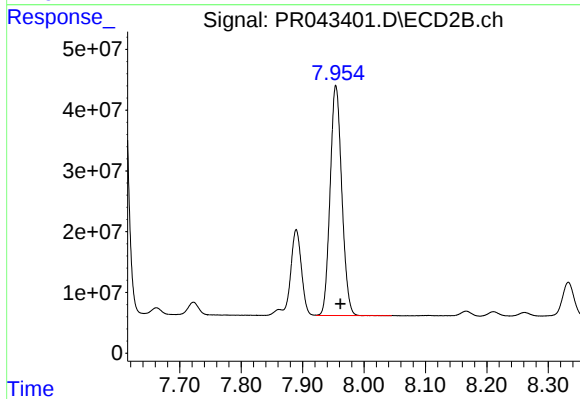
#41 AR-1268-1

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 167851720
Conc: 75.76 ng/ml



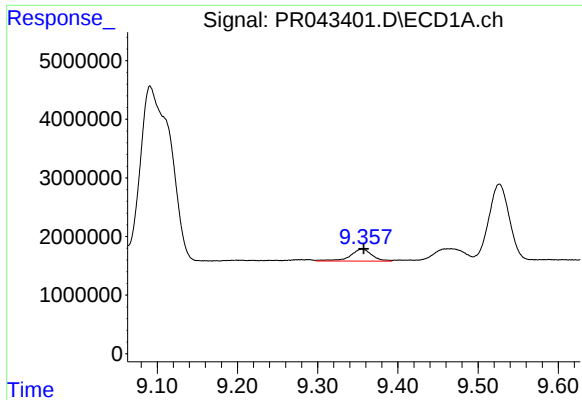
#42 AR-1268-2

R.T.: 9.091 min
Delta R.T.: -0.024 min
Response: 77063208
Conc: 146.04 ng/ml



#42 AR-1268-2

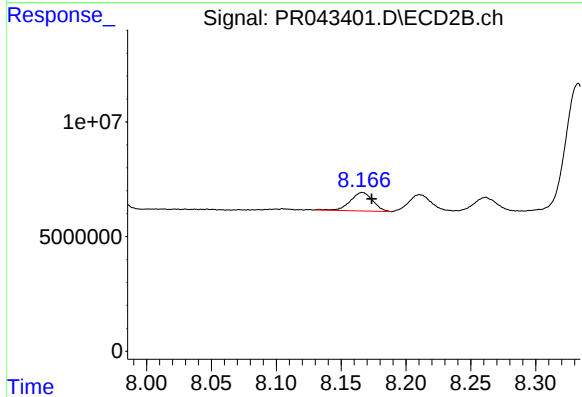
R.T.: 7.954 min
Delta R.T.: -0.008 min
Response: 499769179
Conc: 255.95 ng/ml



#43 AR-1268-3

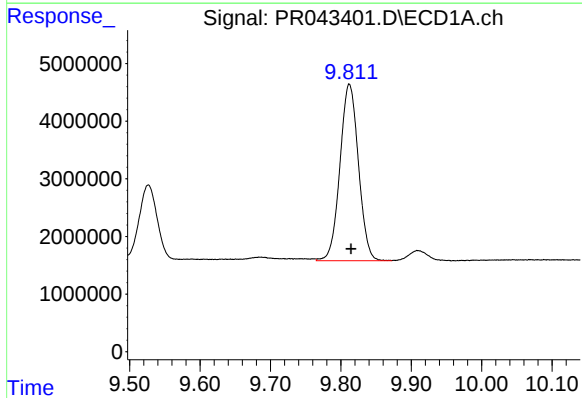
R.T.: 9.356 min
Delta R.T.: -0.002 min
Response: 3863835
Conc: 8.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



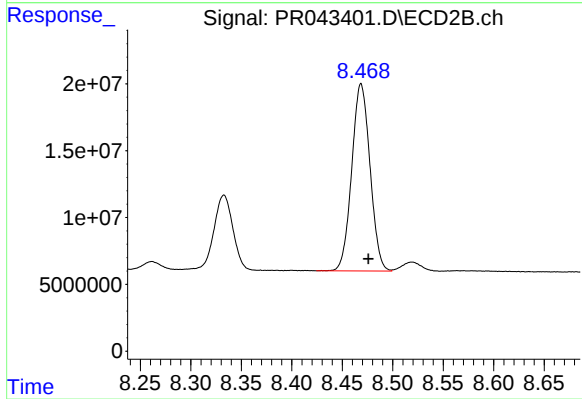
#43 AR-1268-3

R.T.: 8.166 min
Delta R.T.: -0.007 min
Response: 9797991
Conc: 5.91 ng/ml



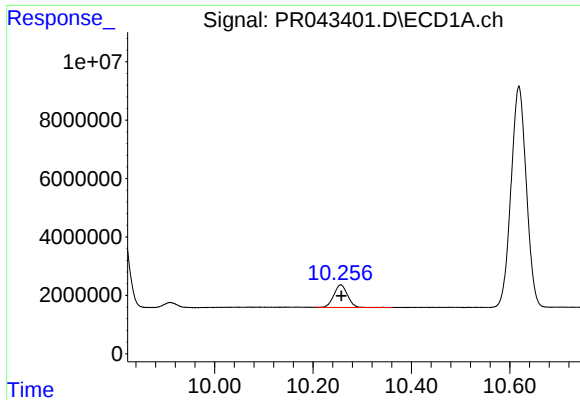
#44 AR-1268-4

R.T.: 9.812 min
Delta R.T.: -0.003 min
Response: 55983398
Conc: 296.83 ng/ml



#44 AR-1268-4

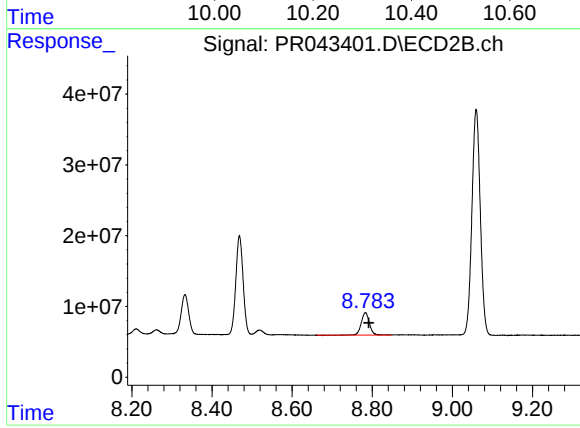
R.T.: 8.469 min
Delta R.T.: -0.007 min
Response: 176378559
Conc: 265.95 ng/ml



#45 AR-1268-5

R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 14803769
Conc: 10.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660356



#45 AR-1268-5

R.T.: 8.783 min
Delta R.T.: -0.008 min
Response: 45098976
Conc: 9.58 ng/ml