

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092019\
 Data File : PR041321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2019 22:24
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660338

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 23:11:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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...	4.722	3.990	75228933	298.2E6	24.478	22.391
2)	SA Decachlor...	10.641	9.110	91887079	278.1E6	33.016	28.454
Target Compounds							
3)	L1 AR-1016-1	5.899	5.089	53175929	108.5E6	471.598	410.110
4)	L1 AR-1016-2	5.922	5.110	74463875	149.4E6	467.976	407.170
5)	L1 AR-1016-3	5.985	5.289	43951812	84962087	469.075	418.186
6)	L1 AR-1016-4	6.085	5.328	36281686	67302262	464.927	412.101
7)	L1 AR-1016-5	6.379	5.545	35218487	91017055	451.800	391.630
8)	L2 AR-1221-1	4.925	4.201	4014777	12498360	130.355	104.162
9)	L2 AR-1221-2	5.018	4.291	5859882	16373672	238.548	213.224
10)	L2 AR-1221-3	5.097	4.368	24559584	56670768	310.509	250.277
11)	L3 AR-1232-1	5.097	4.368	24559584	56670768	491.342	418.661
12)	L3 AR-1232-2	5.631	5.110	35096797	149.4E6	1334.232	1150.357
13)	L3 AR-1232-3	5.922	5.289	74463875	84962087	1348.751	1156.638
14)	L3 AR-1232-4	6.085	5.371	36281686	82184286	1297.844	1237.289
15)	L3 AR-1232-5	6.172	5.545	31775029	91017055	1522.460	1104.528 #
16)	L4 AR-1242-1	5.899	5.089	53175929	108.5E6	715.658	624.799
17)	L4 AR-1242-2	5.922	5.110	74463875	149.4E6	710.503	624.412
18)	L4 AR-1242-3	5.985	5.289	43951812	84962087	694.409	625.792
19)	L4 AR-1242-4	6.085	5.371	36281686	82184286	686.606	597.664
20)	L4 AR-1242-5	6.823	5.899	5147147	72749280	81.685	317.203 #
21)	L5 AR-1248-1	5.899	5.089	53175929	108.5E6	908.140	783.500
22)	L5 AR-1248-2	6.172	5.328	31775029	67302262	381.028	342.165
23)	L5 AR-1248-3	6.379	5.371	35218487	82184286	373.306	404.502
24)	L5 AR-1248-4	6.782	5.545	5567511	91017055	47.639	345.244 #
25)	L5 AR-1248-5	6.823	5.941	5147147	12609015	46.935	39.898
26)	L6 AR-1254-1	6.756	5.899	24205152	72749280	197.468	151.953
27)	L6 AR-1254-2	6.972	6.046	25279568	66068408	132.035	149.623
28)	L6 AR-1254-3	7.343	6.469	14160868	156.2E6	65.436	207.619 #
29)	L6 AR-1254-4	7.627	6.681	9811794	20621199	60.232	39.435 #
30)	L6 AR-1254-5	8.045	7.100	74567924	214.9E6	408.232	336.397
31)	L7 AR-1260-1	7.504	6.584	57383172	171.9E6	371.718	337.333
32)	L7 AR-1260-2	7.759	6.770	65240949	216.3E6	354.635	340.312
33)	L7 AR-1260-3	8.120	6.927	47500771	188.7E6	342.154	327.116
34)	L7 AR-1260-4	8.359	7.401	53469273	147.4E6	328.842	298.649
35)	L7 AR-1260-5	8.698	7.640	104.7E6	376.3E6	306.396	289.209
36)	L8 AR-1262-1	8.120	7.139	47500771	182.5E6	209.562	222.713
37)	L8 AR-1262-2	8.698	7.640	104.7E6	376.3E6	239.031	241.146
38)	L8 AR-1262-3	9.050	7.926	64586884	83408020	230.058	138.121 #
39)	L8 AR-1262-4	9.107	7.990	39419754	249.7E6	193.993	223.886
40)	L8 AR-1262-5	9.830	8.508	28519070	94417614	196.493	180.684
41)	L9 AR-1268-1	9.050	7.926	64586884	83408020	144.858	52.018 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092019\
 Data File : PR041321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2019 22:24
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

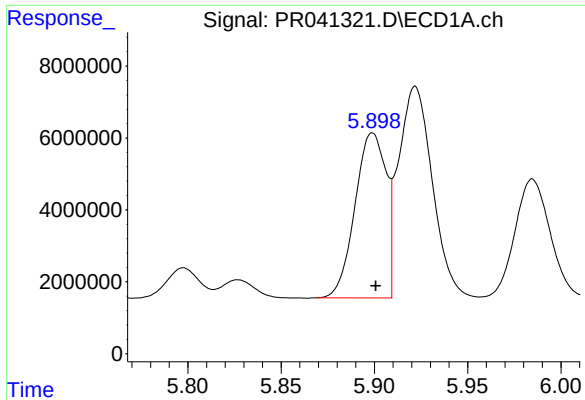
Instrument :
 ECD_R
 ClientSampleId :
 AR1660338

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 23:11:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091019CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 13:01:53 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	9.107	7.990	39419754	249.7E6	96.553	167.054 #
43) L9	AR-1268-3	0.000	8.207	0	4360478	N.D.	3.489 #
44) L9	AR-1268-4	9.830	8.508	28519070	94417614	198.851	181.304
45) L9	AR-1268-5	10.276	8.826	8096000	24686612	7.137	6.692

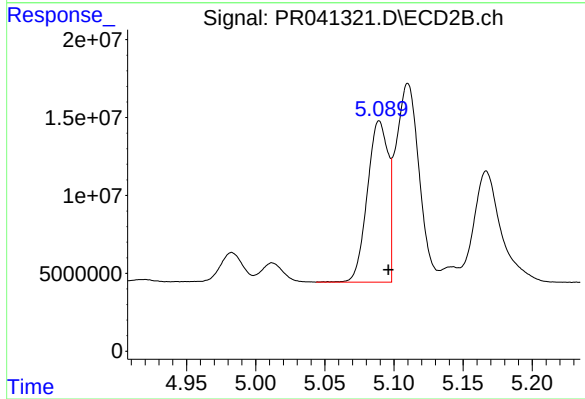
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

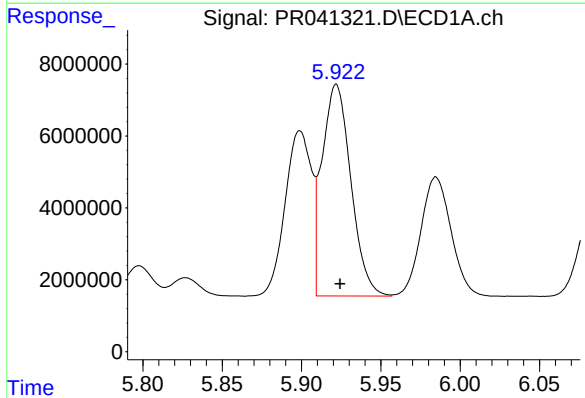
R.T.: 5.899 min
Delta R.T.: -0.002 min
Response: 53175929
Conc: 471.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



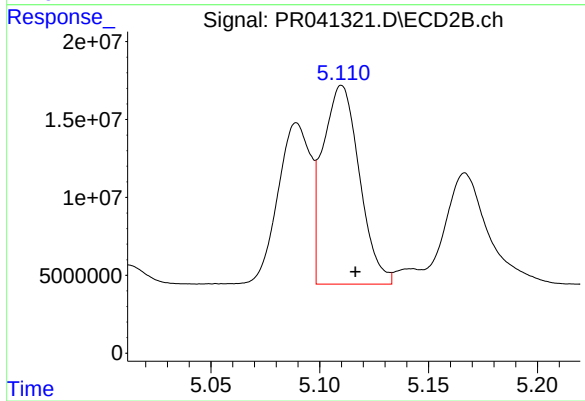
#3 AR-1016-1

R.T.: 5.089 min
Delta R.T.: -0.007 min
Response: 108549551
Conc: 410.11 ng/ml



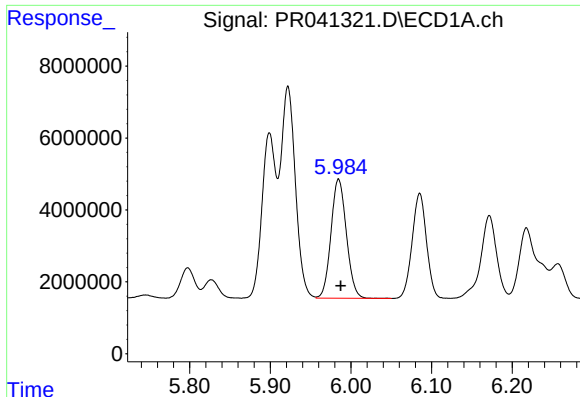
#4 AR-1016-2

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 74463875
Conc: 467.98 ng/ml



#4 AR-1016-2

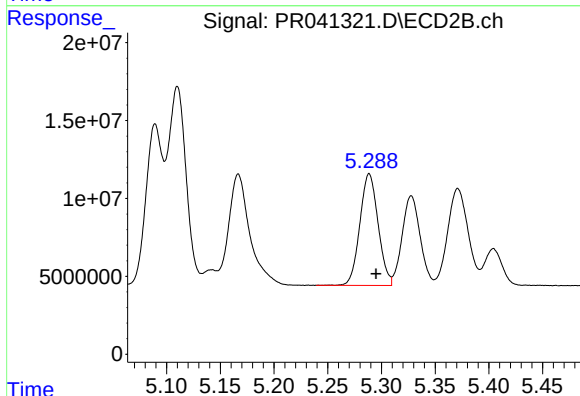
R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 149439694
Conc: 407.17 ng/ml



#5 AR-1016-3

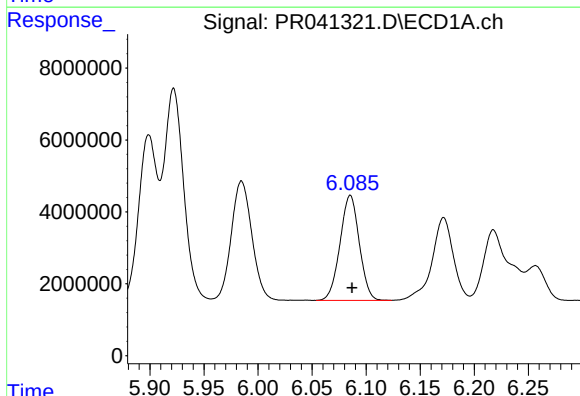
R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 43951812
Conc: 469.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



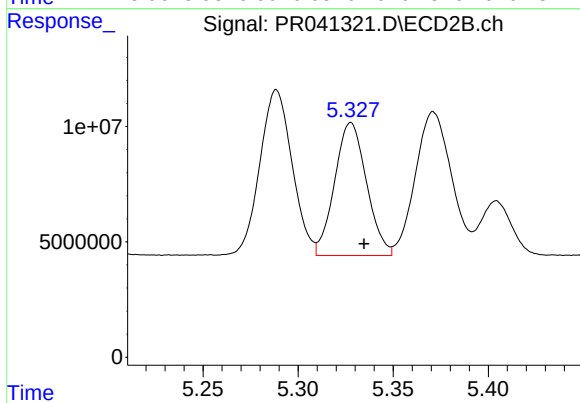
#5 AR-1016-3

R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 84962087
Conc: 418.19 ng/ml



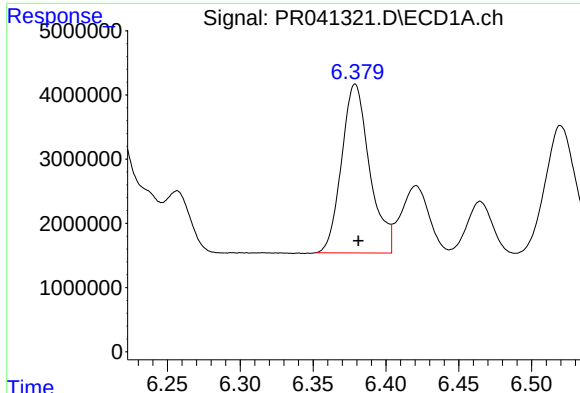
#6 AR-1016-4

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 36281686
Conc: 464.93 ng/ml



#6 AR-1016-4

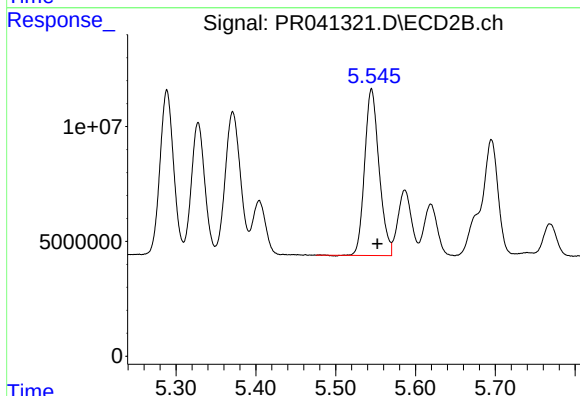
R.T.: 5.328 min
Delta R.T.: -0.007 min
Response: 67302262
Conc: 412.10 ng/ml



#7 AR-1016-5

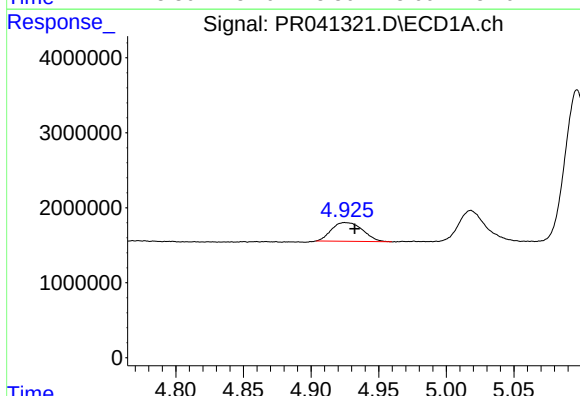
R.T.: 6.379 min
Delta R.T.: -0.002 min
Response: 35218487
Conc: 451.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



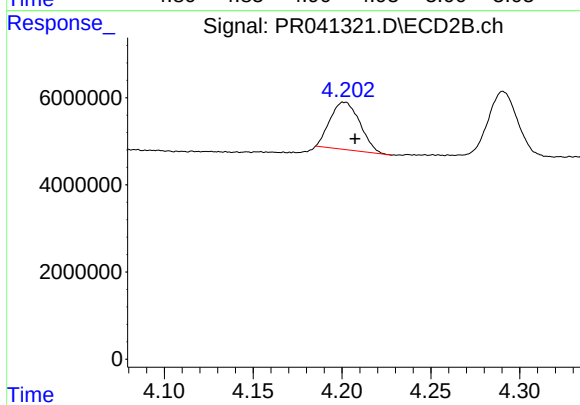
#7 AR-1016-5

R.T.: 5.545 min
Delta R.T.: -0.007 min
Response: 91017055
Conc: 391.63 ng/ml



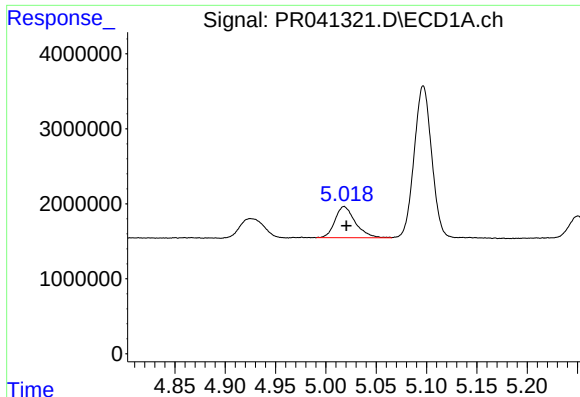
#8 AR-1221-1

R.T.: 4.925 min
Delta R.T.: -0.007 min
Response: 4014777
Conc: 130.35 ng/ml



#8 AR-1221-1

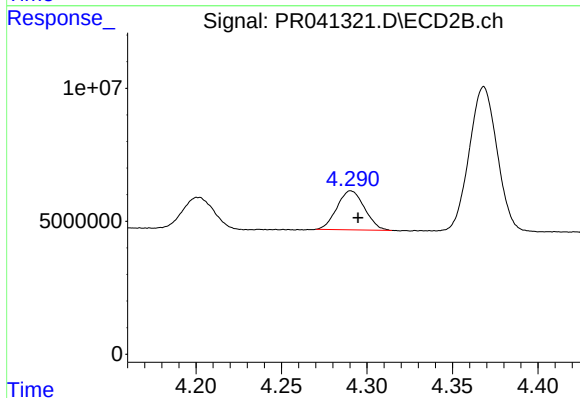
R.T.: 4.201 min
Delta R.T.: -0.006 min
Response: 12498360
Conc: 104.16 ng/ml



#9 AR-1221-2

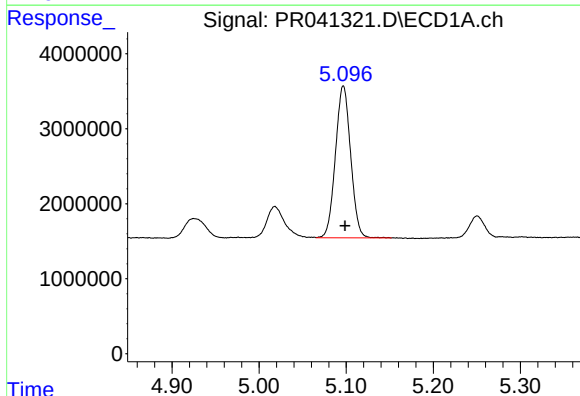
R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 5859882
Conc: 238.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



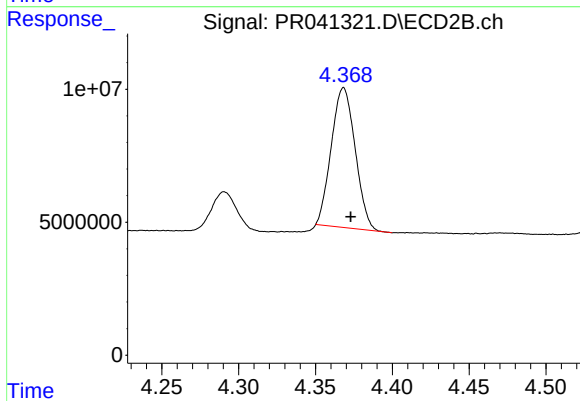
#9 AR-1221-2

R.T.: 4.291 min
Delta R.T.: -0.004 min
Response: 16373672
Conc: 213.22 ng/ml



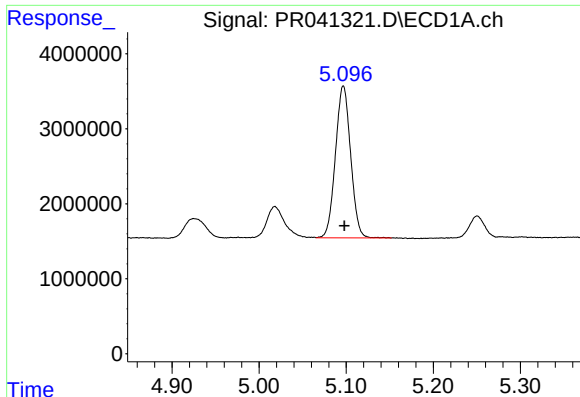
#10 AR-1221-3

R.T.: 5.097 min
Delta R.T.: -0.002 min
Response: 24559584
Conc: 310.51 ng/ml



#10 AR-1221-3

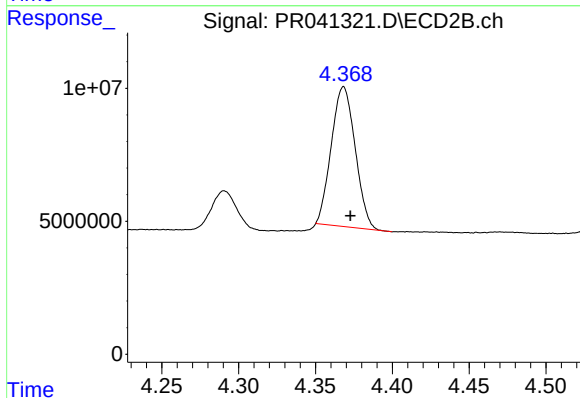
R.T.: 4.368 min
Delta R.T.: -0.005 min
Response: 56670768
Conc: 250.28 ng/ml



#11 AR-1232-1

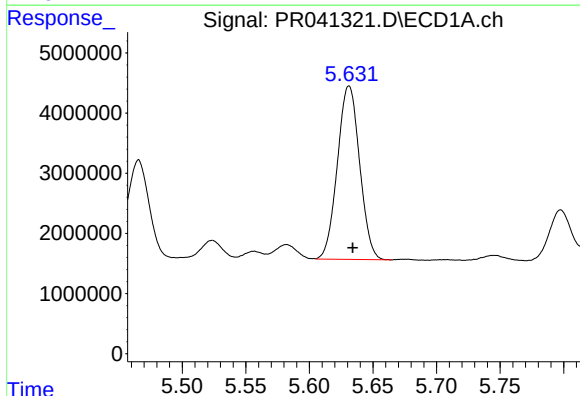
R.T.: 5.097 min
Delta R.T.: -0.001 min
Response: 24559584
Conc: 491.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



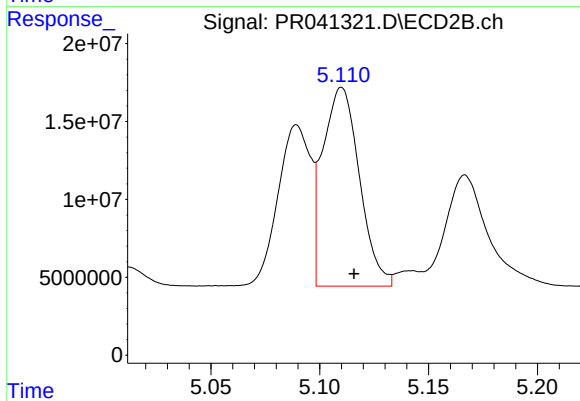
#11 AR-1232-1

R.T.: 4.368 min
Delta R.T.: -0.004 min
Response: 56670768
Conc: 418.66 ng/ml



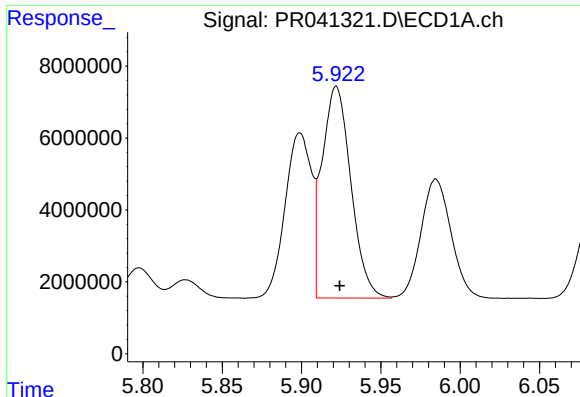
#12 AR-1232-2

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 35096797
Conc: 1334.23 ng/ml



#12 AR-1232-2

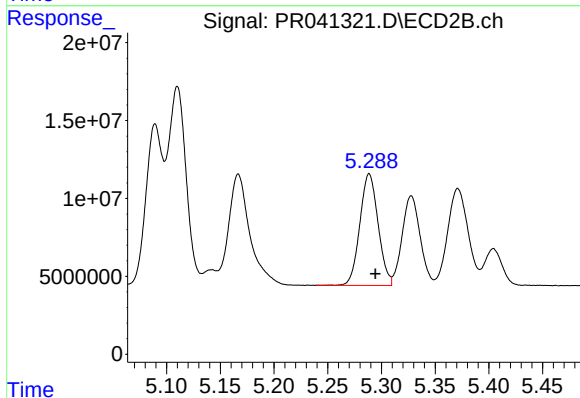
R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 149439694
Conc: 1150.36 ng/ml



#13 AR-1232-3

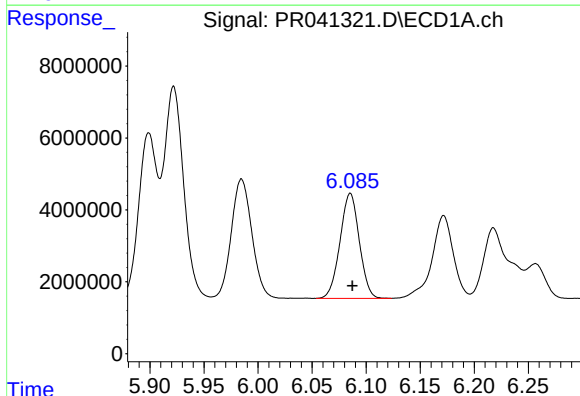
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 74463875
Conc: 1348.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



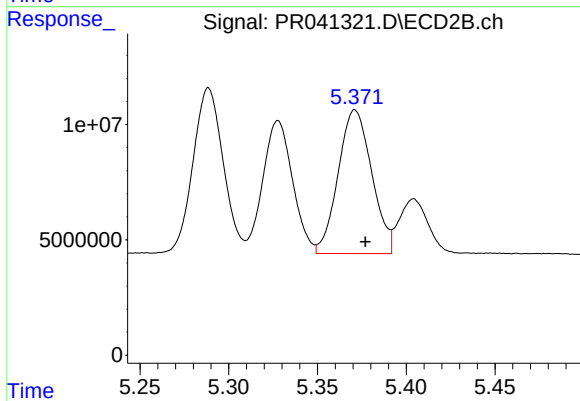
#13 AR-1232-3

R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 84962087
Conc: 1156.64 ng/ml



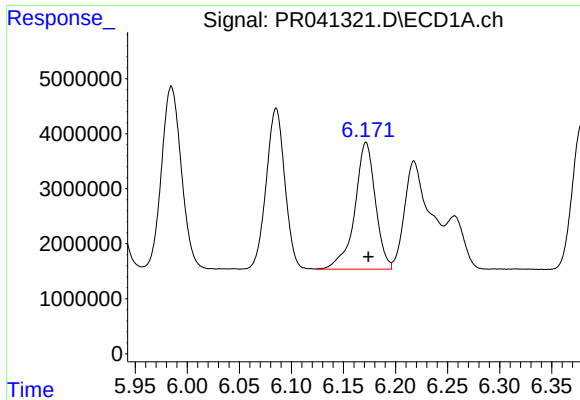
#14 AR-1232-4

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 36281686
Conc: 1297.84 ng/ml



#14 AR-1232-4

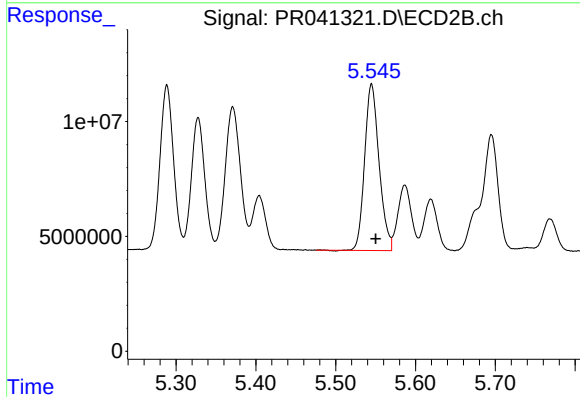
R.T.: 5.371 min
Delta R.T.: -0.006 min
Response: 82184286
Conc: 1237.29 ng/ml



#15 AR-1232-5

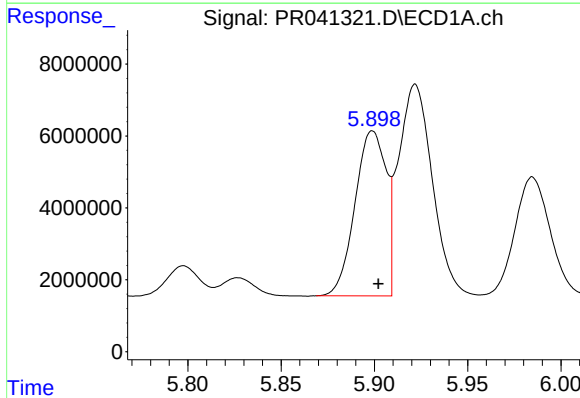
R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 31775029
Conc: 1522.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



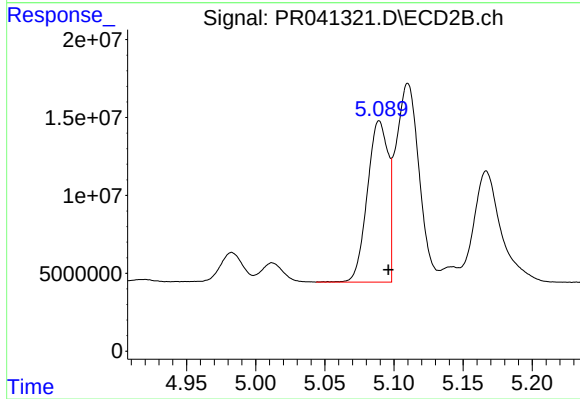
#15 AR-1232-5

R.T.: 5.545 min
Delta R.T.: -0.005 min
Response: 91017055
Conc: 1104.53 ng/ml



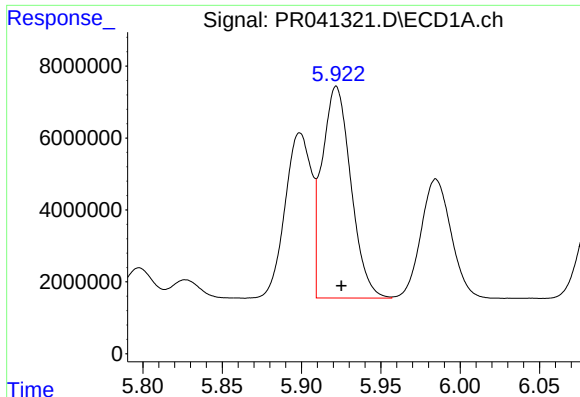
#16 AR-1242-1

R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 53175929
Conc: 715.66 ng/ml



#16 AR-1242-1

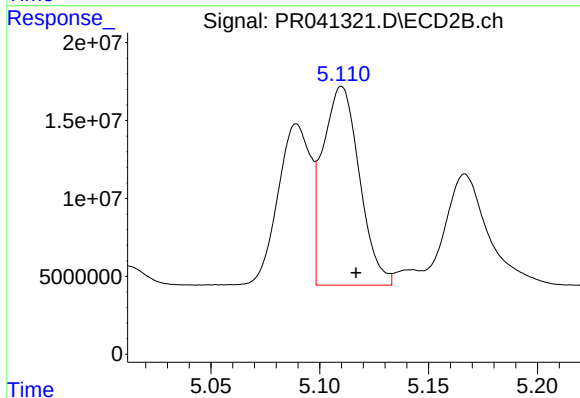
R.T.: 5.089 min
Delta R.T.: -0.007 min
Response: 108549551
Conc: 624.80 ng/ml



#17 AR-1242-2

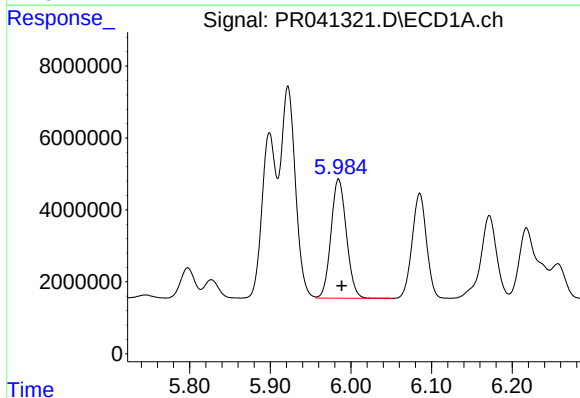
R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 74463875
Conc: 710.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



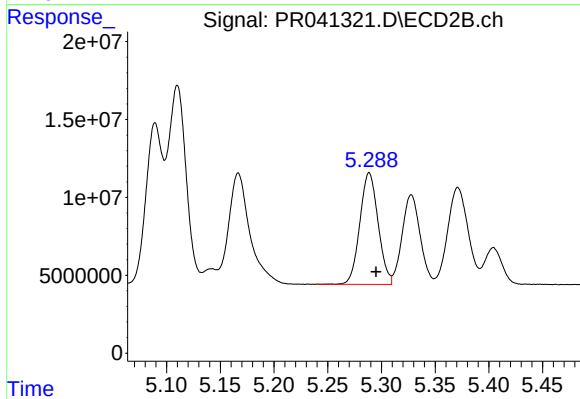
#17 AR-1242-2

R.T.: 5.110 min
Delta R.T.: -0.007 min
Response: 149439694
Conc: 624.41 ng/ml



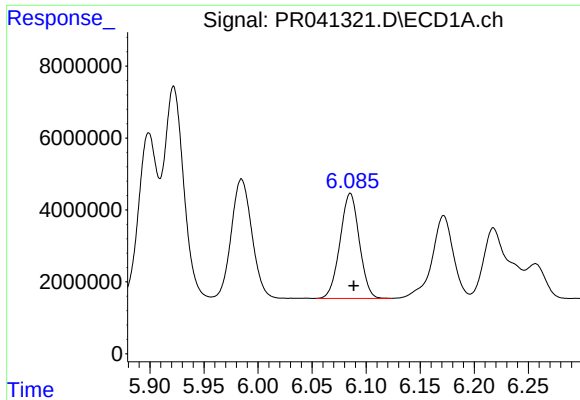
#18 AR-1242-3

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 43951812
Conc: 694.41 ng/ml



#18 AR-1242-3

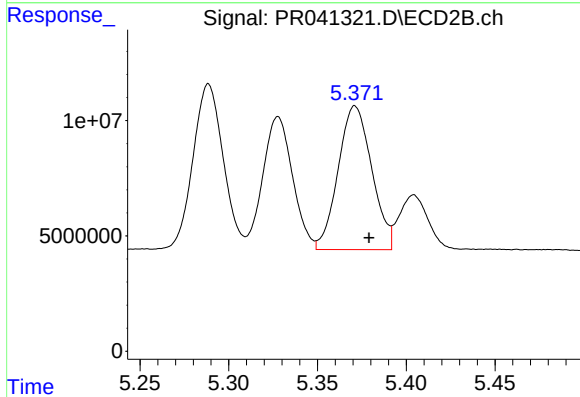
R.T.: 5.289 min
Delta R.T.: -0.006 min
Response: 84962087
Conc: 625.79 ng/ml



#19 AR-1242-4

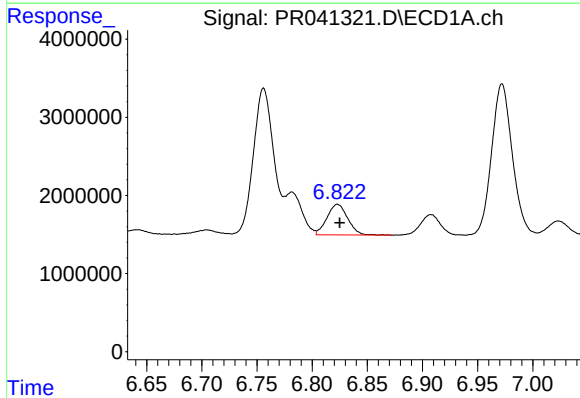
R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 36281686
Conc: 686.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



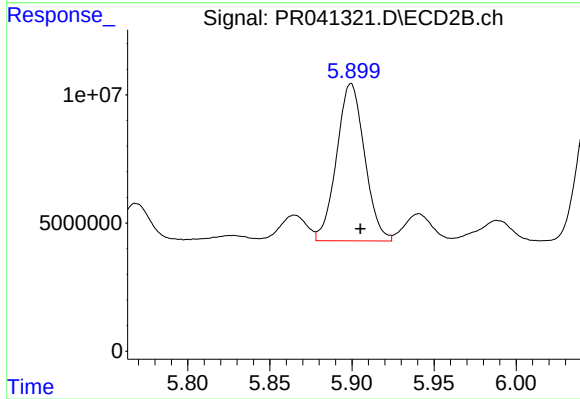
#19 AR-1242-4

R.T.: 5.371 min
Delta R.T.: -0.008 min
Response: 82184286
Conc: 597.66 ng/ml



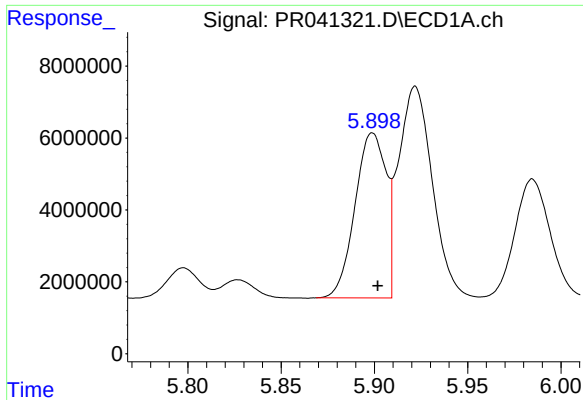
#20 AR-1242-5

R.T.: 6.823 min
Delta R.T.: -0.002 min
Response: 5147147
Conc: 81.69 ng/ml



#20 AR-1242-5

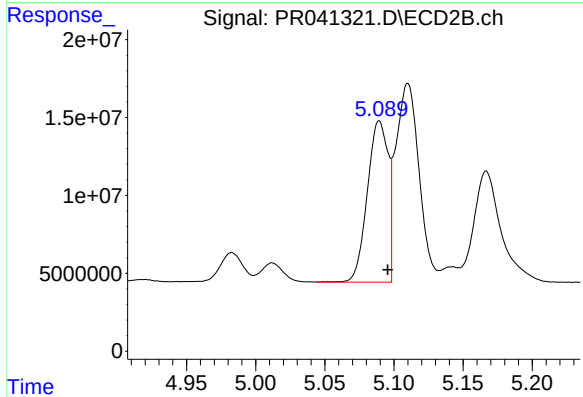
R.T.: 5.899 min
Delta R.T.: -0.006 min
Response: 72749280
Conc: 317.20 ng/ml



#21 AR-1248-1

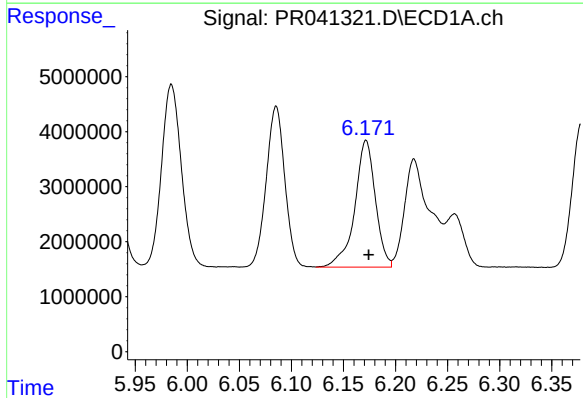
R.T.: 5.899 min
Delta R.T.: -0.003 min
Response: 53175929
Conc: 908.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



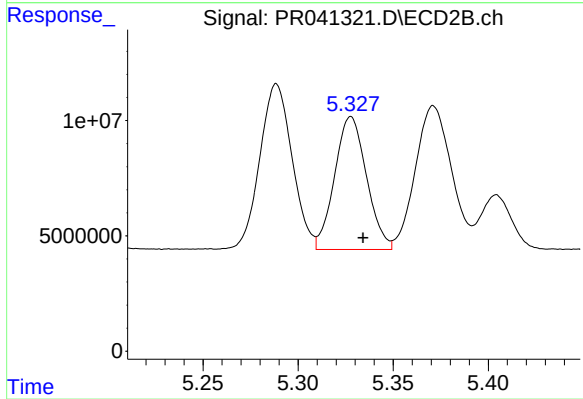
#21 AR-1248-1

R.T.: 5.089 min
Delta R.T.: -0.006 min
Response: 108549551
Conc: 783.50 ng/ml



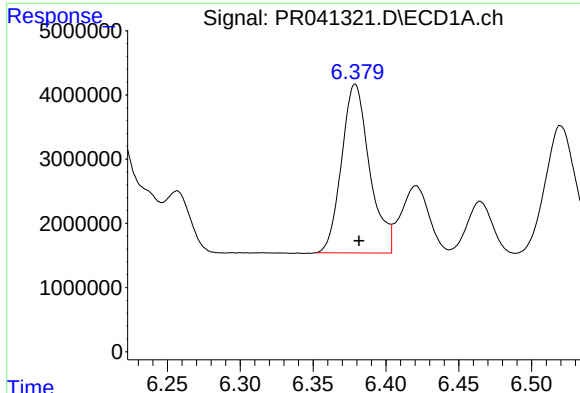
#22 AR-1248-2

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 31775029
Conc: 381.03 ng/ml



#22 AR-1248-2

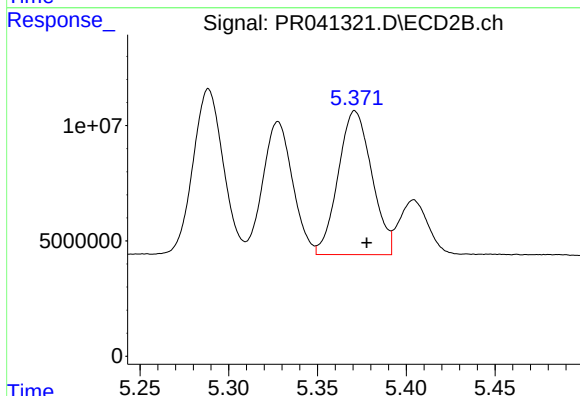
R.T.: 5.328 min
Delta R.T.: -0.006 min
Response: 67302262
Conc: 342.17 ng/ml



#23 AR-1248-3

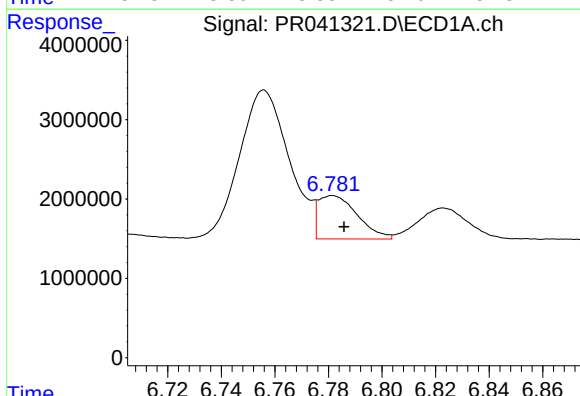
R.T.: 6.379 min
Delta R.T.: -0.003 min
Response: 35218487
Conc: 373.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



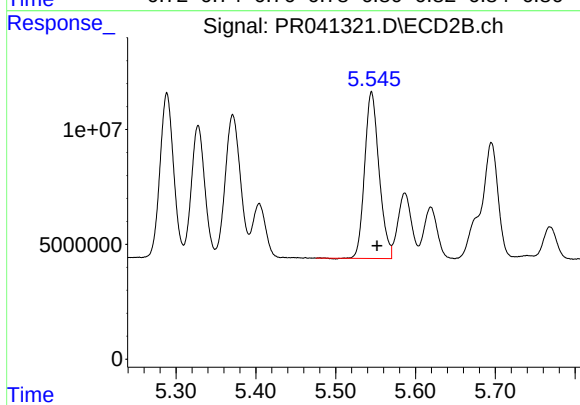
#23 AR-1248-3

R.T.: 5.371 min
Delta R.T.: -0.007 min
Response: 82184286
Conc: 404.50 ng/ml



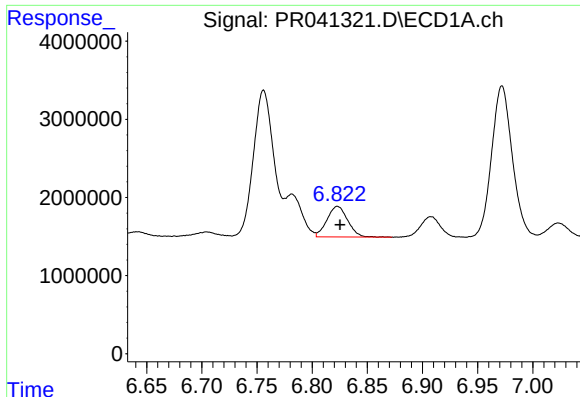
#24 AR-1248-4

R.T.: 6.782 min
Delta R.T.: -0.004 min
Response: 5567511
Conc: 47.64 ng/ml



#24 AR-1248-4

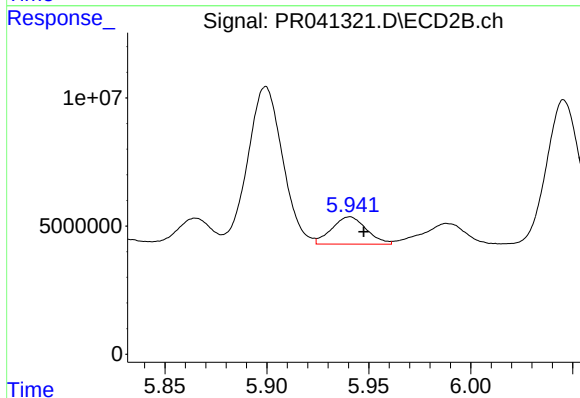
R.T.: 5.545 min
Delta R.T.: -0.007 min
Response: 91017055
Conc: 345.24 ng/ml



#25 AR-1248-5

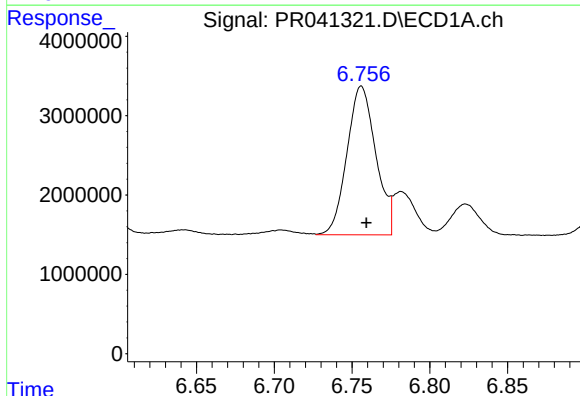
R.T.: 6.823 min
Delta R.T.: -0.002 min
Response: 5147147
Conc: 46.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



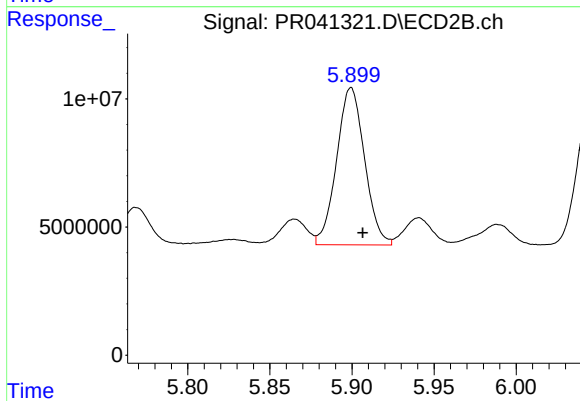
#25 AR-1248-5

R.T.: 5.941 min
Delta R.T.: -0.007 min
Response: 12609015
Conc: 39.90 ng/ml



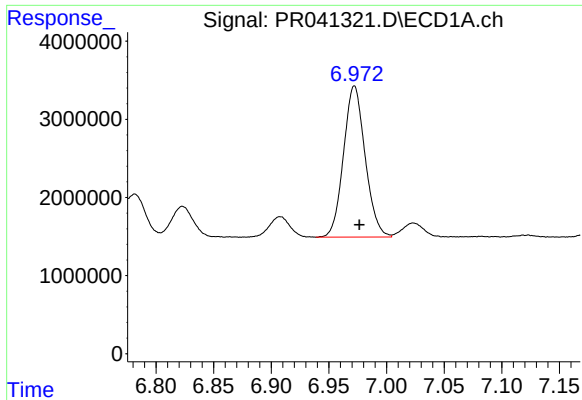
#26 AR-1254-1

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 24205152
Conc: 197.47 ng/ml



#26 AR-1254-1

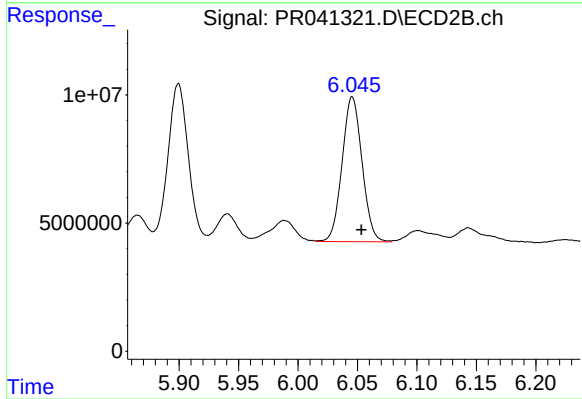
R.T.: 5.899 min
Delta R.T.: -0.007 min
Response: 72749280
Conc: 151.95 ng/ml



#27 AR-1254-2

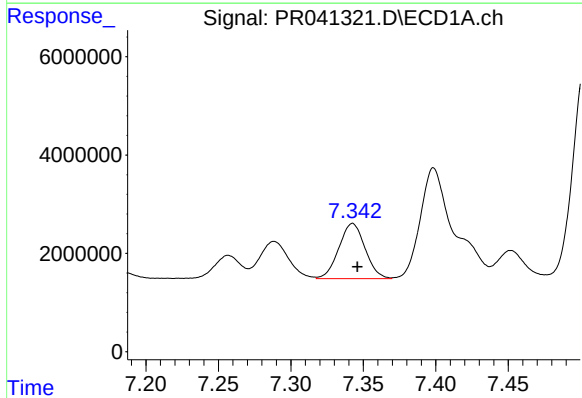
R.T.: 6.972 min
Delta R.T.: -0.004 min
Response: 25279568
Conc: 132.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



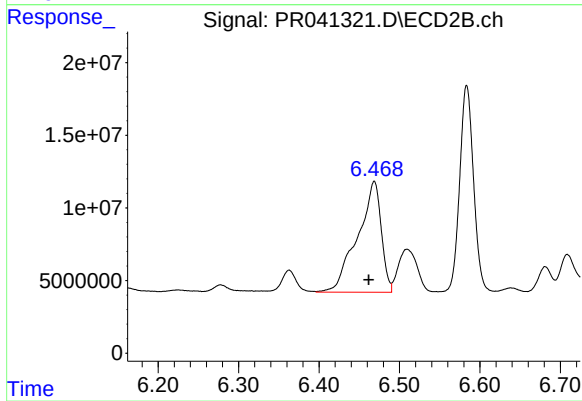
#27 AR-1254-2

R.T.: 6.046 min
Delta R.T.: -0.008 min
Response: 66068408
Conc: 149.62 ng/ml



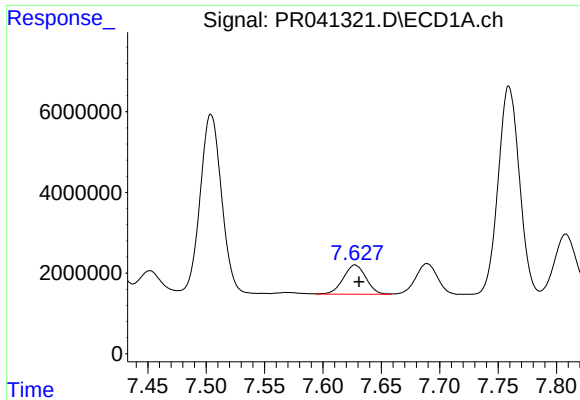
#28 AR-1254-3

R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 14160868
Conc: 65.44 ng/ml



#28 AR-1254-3

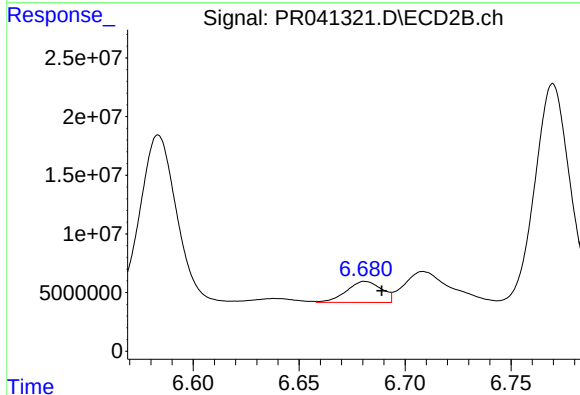
R.T.: 6.469 min
Delta R.T.: 0.007 min
Response: 156184443
Conc: 207.62 ng/ml



#29 AR-1254-4

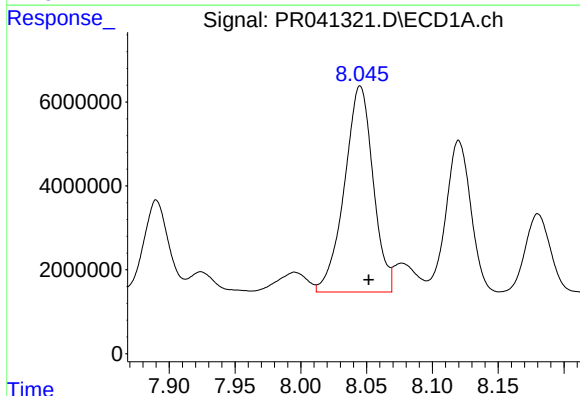
R.T.: 7.627 min
Delta R.T.: -0.003 min
Response: 9811794
Conc: 60.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



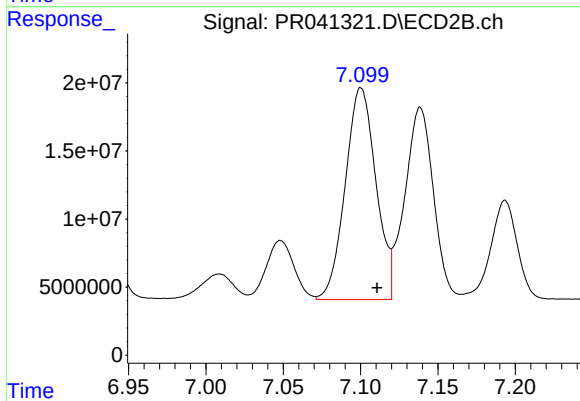
#29 AR-1254-4

R.T.: 6.681 min
Delta R.T.: -0.008 min
Response: 20621199
Conc: 39.44 ng/ml



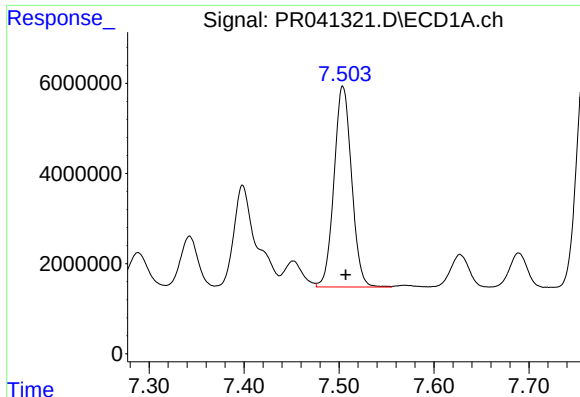
#30 AR-1254-5

R.T.: 8.045 min
Delta R.T.: -0.007 min
Response: 74567924
Conc: 408.23 ng/ml



#30 AR-1254-5

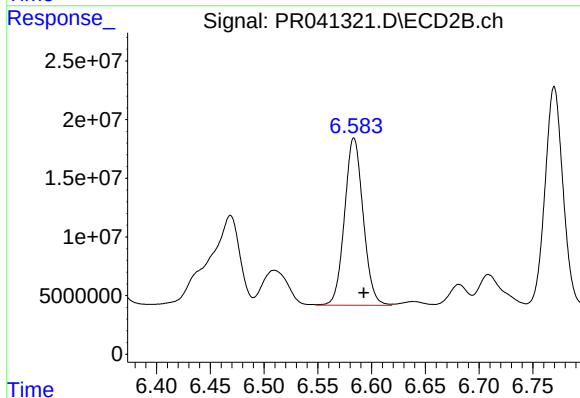
R.T.: 7.100 min
Delta R.T.: -0.010 min
Response: 214923872
Conc: 336.40 ng/ml



#31 AR-1260-1

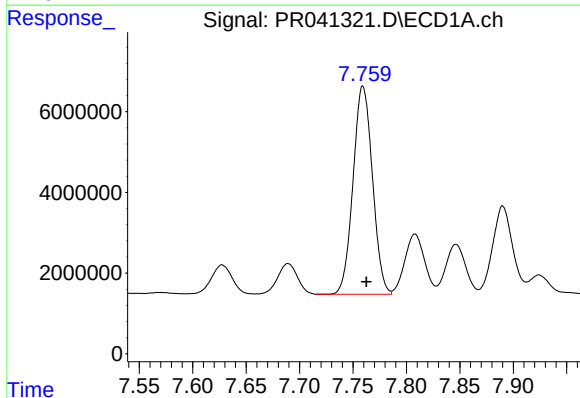
R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 57383172
Conc: 371.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



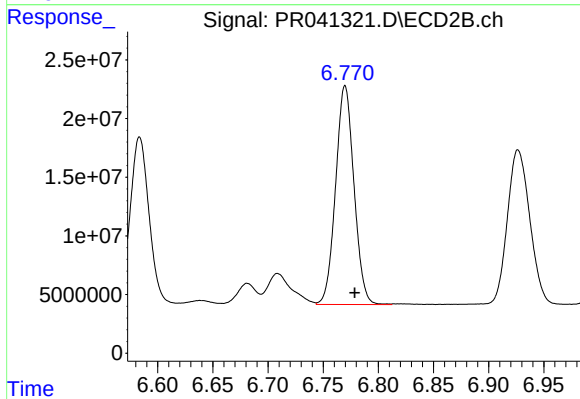
#31 AR-1260-1

R.T.: 6.584 min
Delta R.T.: -0.009 min
Response: 171853196
Conc: 337.33 ng/ml



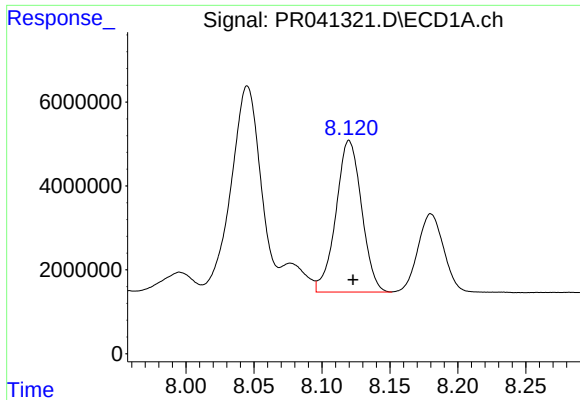
#32 AR-1260-2

R.T.: 7.759 min
Delta R.T.: -0.003 min
Response: 65240949
Conc: 354.63 ng/ml



#32 AR-1260-2

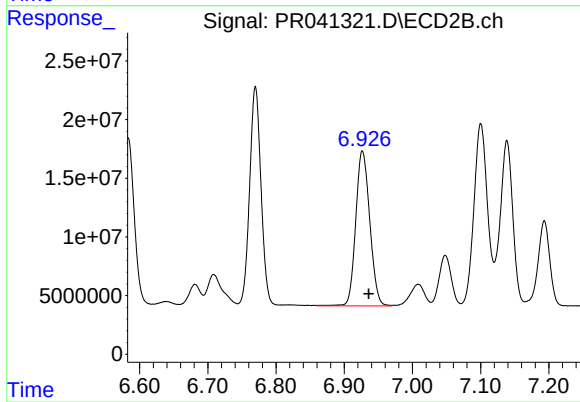
R.T.: 6.770 min
Delta R.T.: -0.009 min
Response: 216341673
Conc: 340.31 ng/ml



#33 AR-1260-3

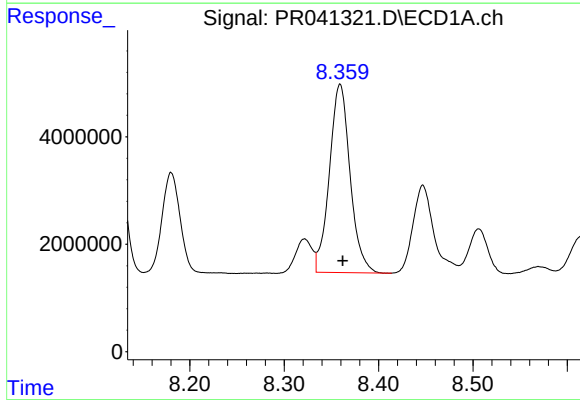
R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 47500771
Conc: 342.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



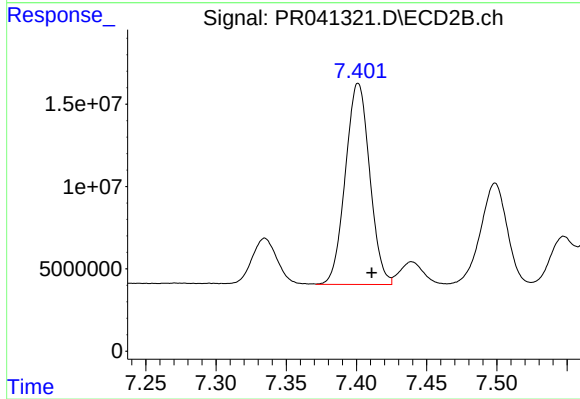
#33 AR-1260-3

R.T.: 6.927 min
Delta R.T.: -0.009 min
Response: 188665916
Conc: 327.12 ng/ml



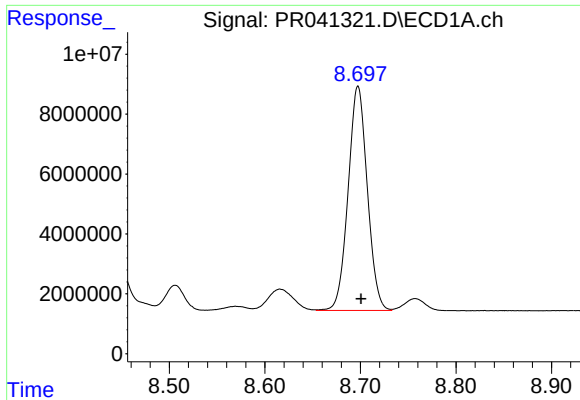
#34 AR-1260-4

R.T.: 8.359 min
Delta R.T.: -0.003 min
Response: 53469273
Conc: 328.84 ng/ml



#34 AR-1260-4

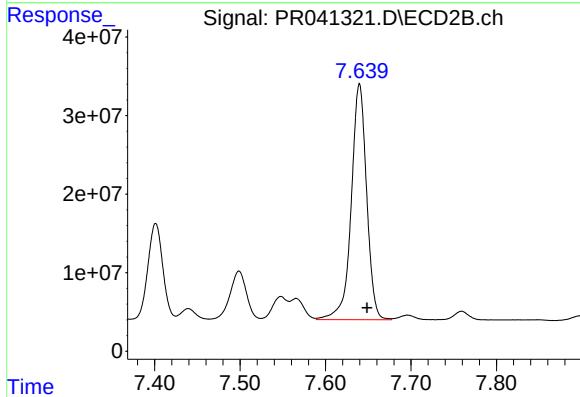
R.T.: 7.401 min
Delta R.T.: -0.010 min
Response: 147447064
Conc: 298.65 ng/ml



#35 AR-1260-5

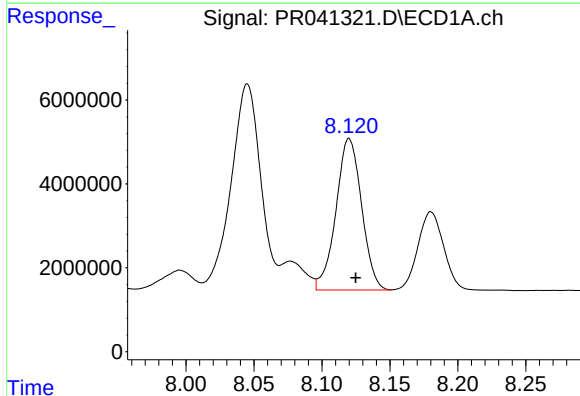
R.T.: 8.698 min
Delta R.T.: -0.003 min
Response: 104733639
Conc: 306.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



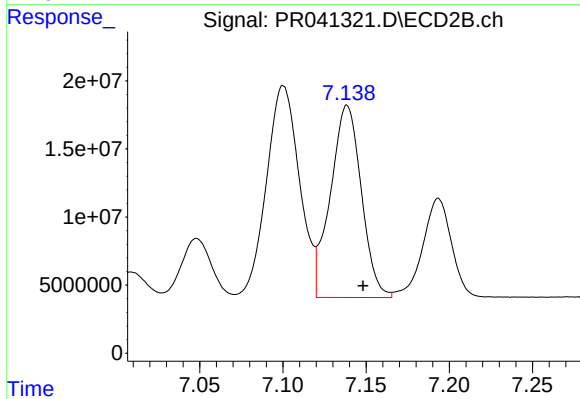
#35 AR-1260-5

R.T.: 7.640 min
Delta R.T.: -0.009 min
Response: 376280071
Conc: 289.21 ng/ml



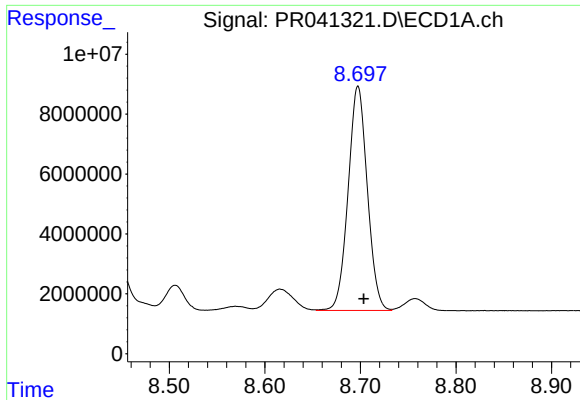
#36 AR-1262-1

R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 47500771
Conc: 209.56 ng/ml



#36 AR-1262-1

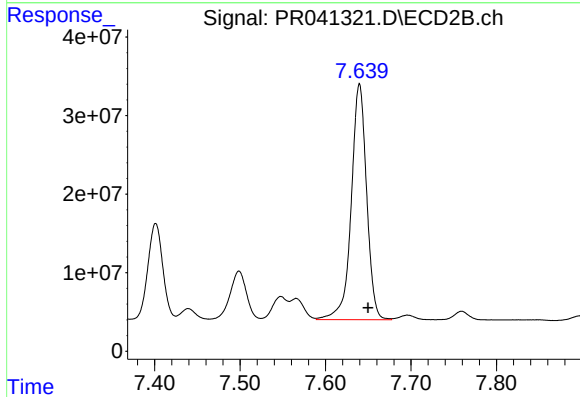
R.T.: 7.139 min
Delta R.T.: -0.010 min
Response: 182525719
Conc: 222.71 ng/ml



#37 AR-1262-2

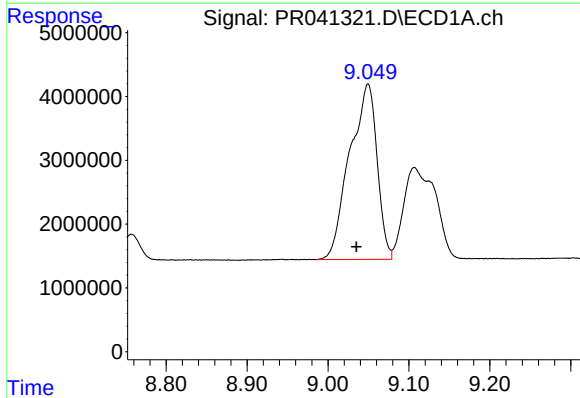
R.T.: 8.698 min
Delta R.T.: -0.006 min
Response: 104733639
Conc: 239.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



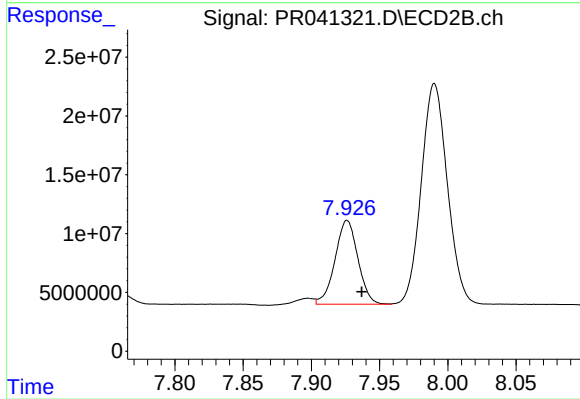
#37 AR-1262-2

R.T.: 7.640 min
Delta R.T.: -0.010 min
Response: 376280071
Conc: 241.15 ng/ml



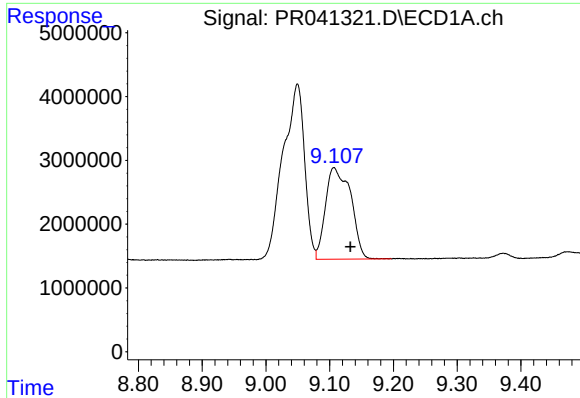
#38 AR-1262-3

R.T.: 9.050 min
Delta R.T.: 0.014 min
Response: 64586884
Conc: 230.06 ng/ml



#38 AR-1262-3

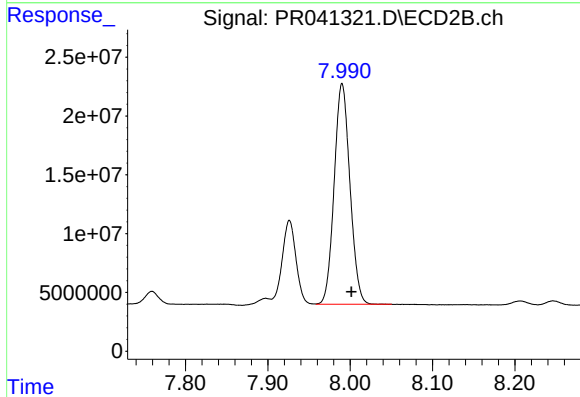
R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 83408020
Conc: 138.12 ng/ml



#39 AR-1262-4

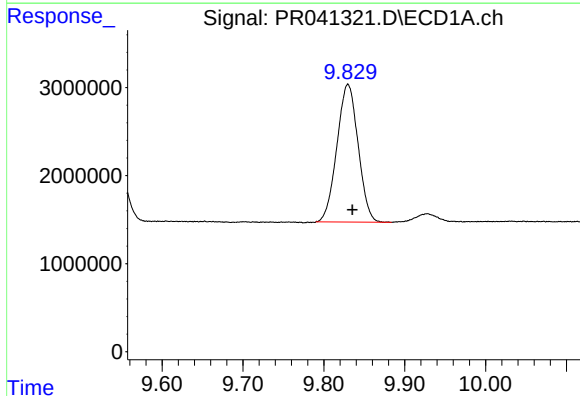
R.T.: 9.107 min
Delta R.T.: -0.026 min
Response: 39419754
Conc: 193.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



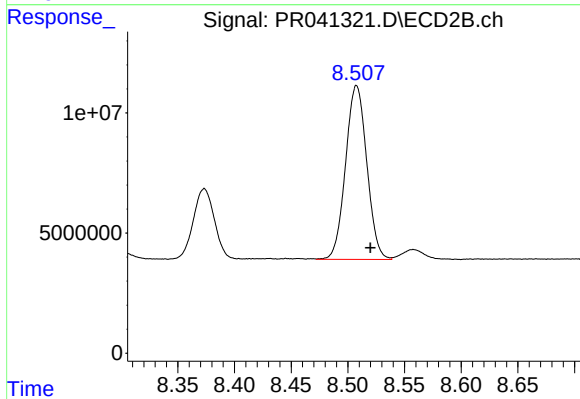
#39 AR-1262-4

R.T.: 7.990 min
Delta R.T.: -0.011 min
Response: 249657124
Conc: 223.89 ng/ml



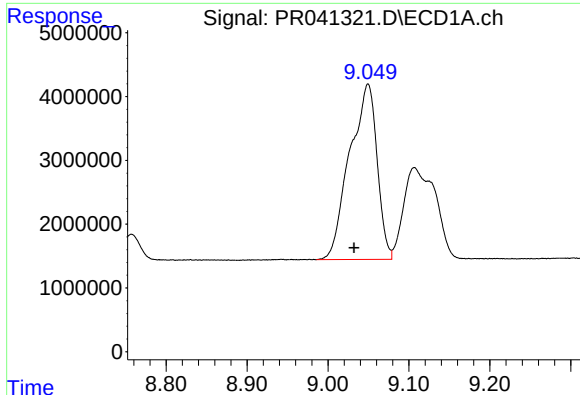
#40 AR-1262-5

R.T.: 9.830 min
Delta R.T.: -0.005 min
Response: 28519070
Conc: 196.49 ng/ml



#40 AR-1262-5

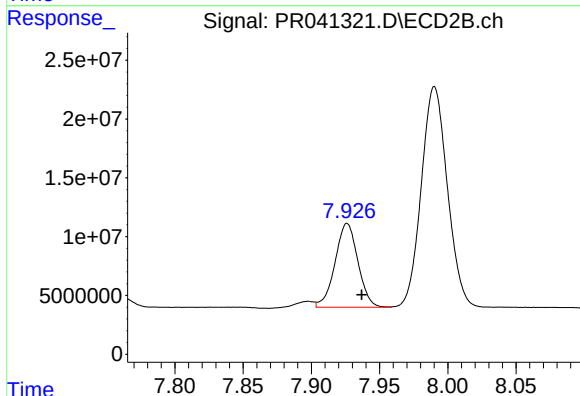
R.T.: 8.508 min
Delta R.T.: -0.012 min
Response: 94417614
Conc: 180.68 ng/ml



#41 AR-1268-1

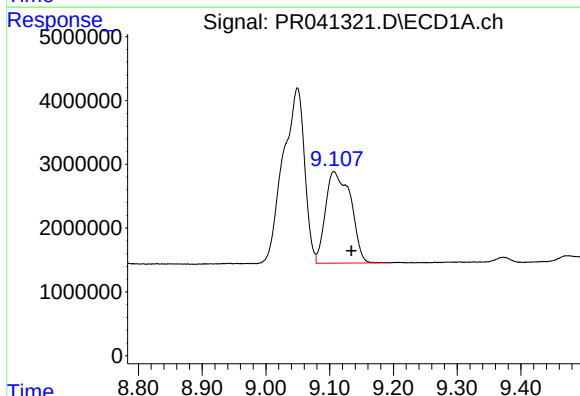
R.T.: 9.050 min
Delta R.T.: 0.017 min
Response: 64586884
Conc: 144.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



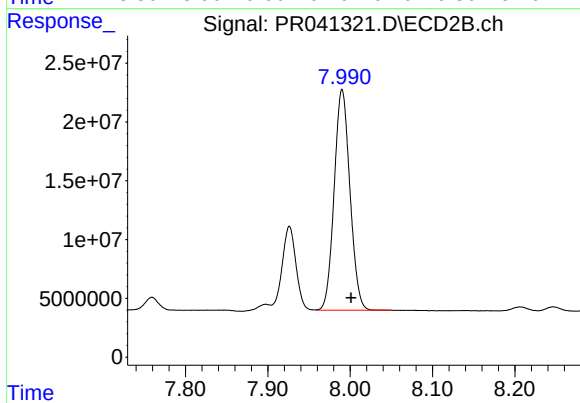
#41 AR-1268-1

R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 83408020
Conc: 52.02 ng/ml



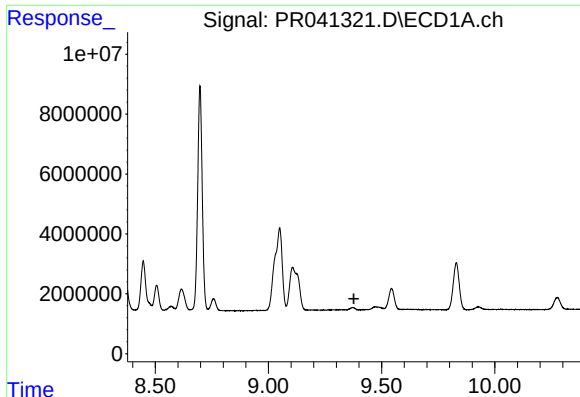
#42 AR-1268-2

R.T.: 9.107 min
Delta R.T.: -0.027 min
Response: 39419754
Conc: 96.55 ng/ml



#42 AR-1268-2

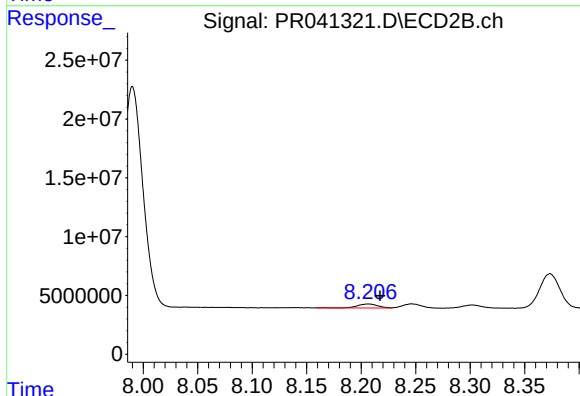
R.T.: 7.990 min
Delta R.T.: -0.011 min
Response: 249657124
Conc: 167.05 ng/ml



#43 AR-1268-3

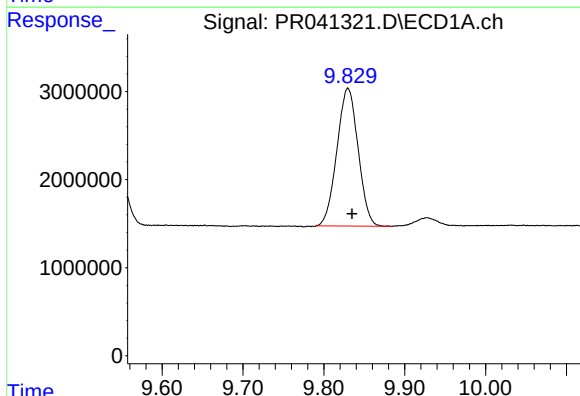
R.T.: 0.000 min
Exp R.T.: 9.378 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1660338



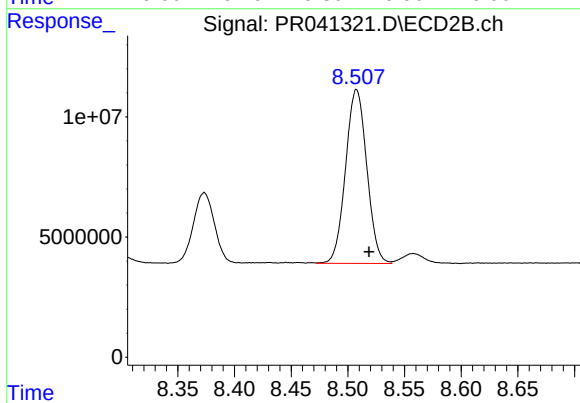
#43 AR-1268-3

R.T.: 8.207 min
Delta R.T.: -0.011 min
Response: 4360478
Conc: 3.49 ng/ml



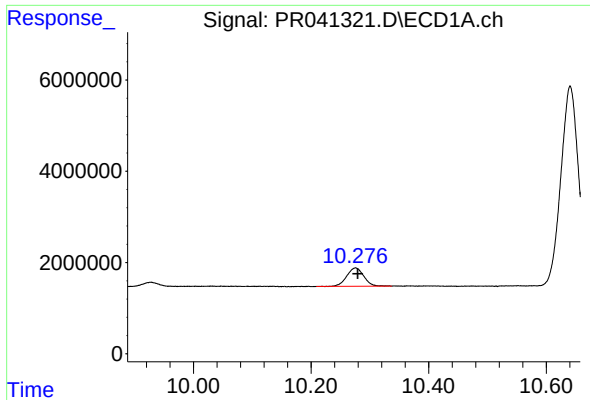
#44 AR-1268-4

R.T.: 9.830 min
Delta R.T.: -0.005 min
Response: 28519070
Conc: 198.85 ng/ml



#44 AR-1268-4

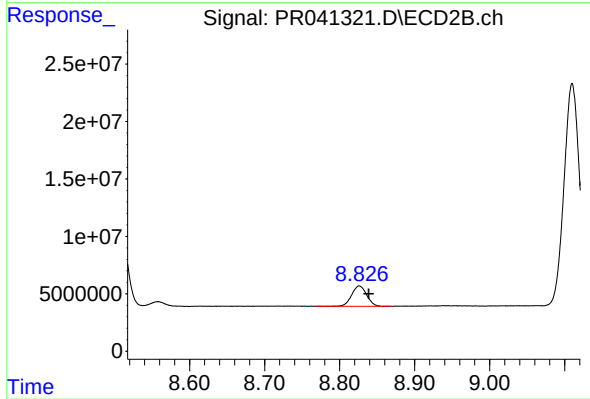
R.T.: 8.508 min
Delta R.T.: -0.011 min
Response: 94417614
Conc: 181.30 ng/ml



#45 AR-1268-5

R.T.: 10.276 min
Delta R.T.: -0.004 min
Response: 8096000
Conc: 7.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660338



#45 AR-1268-5

R.T.: 8.826 min
Delta R.T.: -0.012 min
Response: 24686612
Conc: 6.69 ng/ml