

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
 Data File : PR043574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2019 23:18
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1248362

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 00:54:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 05 02:16:29 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...	4.709	3.968	117.8E6	156.6E6	21.199	20.371
2)	SA Decachlor...	10.619	9.058	149.0E6	360.8E6	39.594	36.461
Target Compounds							
3)	L1 AR-1016-1	5.886	5.061	47724076	95425884	246.582	235.348
4)	L1 AR-1016-2	5.909	5.081	55582714	97457041	203.296	174.746
5)	L1 AR-1016-3	5.972	5.260	28087316	62656066	171.794	209.926
6)	L1 AR-1016-4	6.072	5.299	30743804	124.5E6	226.286	517.911 #
7)	L1 AR-1016-5	6.366	5.515	72487236	156.1E6	530.791	491.460
8)	L2 AR-1221-1	4.913	0.000	1082965	0	18.936	N.D. #
9)	L2 AR-1221-2	5.015	4.270	2785350	4551583	68.572	72.883
10)	L2 AR-1221-3	5.084	4.343	6625651	9961856	48.871	45.605
11)	L3 AR-1232-1	5.084	4.343	6625651	9961856	62.576	57.580
12)	L3 AR-1232-2	5.618	5.081	20532651	97457041	375.195	417.017
13)	L3 AR-1232-3	5.909	5.260	55582714	62656066	492.082	515.002
14)	L3 AR-1232-4	6.072	5.342	30743804	126.0E6	544.662	1182.264 #
15)	L3 AR-1232-5	6.158	5.515	65387182	156.1E6	1516.908	1303.655
16)	L4 AR-1242-1	5.886	5.061	47724076	95425884	293.693	287.558
17)	L4 AR-1242-2	5.909	5.081	55582714	97457041	243.845	211.870
18)	L4 AR-1242-3	5.972	5.260	28087316	62656066	205.192	256.777 #
19)	L4 AR-1242-4	6.072	5.342	30743804	126.0E6	270.310	533.476 #
20)	L4 AR-1242-5	6.809	5.867	76521284	241.7E6	605.241	700.299
21)	L5 AR-1248-1	5.886	5.061	47724076	95425884	402.862	388.615
22)	L5 AR-1248-2	6.158	5.299	65387182	124.5E6	406.637	383.610
23)	L5 AR-1248-3	6.366	5.342	72487236	126.0E6	401.249	382.474
24)	L5 AR-1248-4	6.770	5.515	80880223	156.1E6	387.452	378.835
25)	L5 AR-1248-5	6.809	5.909	76521284	163.5E6	387.443	367.980
26)	L6 AR-1254-1	6.742	5.867	62808515	241.7E6	287.843	339.226
27)	L6 AR-1254-2	6.968	6.015	79447872	70725931	235.675	110.572 #
28)	L6 AR-1254-3	7.330	6.421	42261893	107.5E6	120.829	106.153
29)	L6 AR-1254-4	7.616	6.649	27127486	84039106	108.623	116.708
30)	L6 AR-1254-5	8.035	7.067	7309257	17814028	28.380	20.911 #
31)	L7 AR-1260-1	7.493	6.542	5387712	20690971	21.549	30.811 #
32)	L7 AR-1260-2	7.744	6.737	7197329	13161974	24.308	13.588 #
33)	L7 AR-1260-3	8.105	6.893	2064956	12544916	9.378	16.092 #
34)	L7 AR-1260-4	8.339	7.365	3635338	3021838	14.583	4.788 #
35)	L7 AR-1260-5	8.683	7.605	2297467	8757229	4.770	5.165
36)	L8 AR-1262-1	8.168	7.067	555627	17814028	4.208	36.025 #
37)	L8 AR-1262-2	8.683	7.605	2297467	8757229	4.036	4.603
38)	L8 AR-1262-3	9.014	7.953f	953119	4329581	2.632	5.677 #
39)	L8 AR-1262-4	9.110	7.953	1192491	4329581	4.479	3.488
40)	L8 AR-1262-5	9.814	0.000	814548	0	4.330	N.D. #
41)	L9 AR-1268-1	9.014	7.953f	953119	4329581	1.489	2.015 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
Data File : PR043574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2019 23:18
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

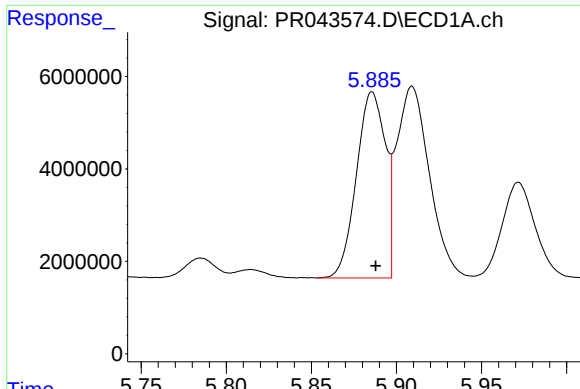
Instrument :
ECD_R
ClientSampleId :
AR1248362

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 00:54:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Dec 05 02:16:29 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	9.110	7.953	1192491	4329581	2.069	2.385
43)	L9 AR-1268-3	9.357	0.000	898879	0	1.911	N.D. #
44)	L9 AR-1268-4	9.814	0.000	814548	0	3.973	N.D. #
45)	L9 AR-1268-5	10.257	8.783	1509429	3390620	0.965	0.801

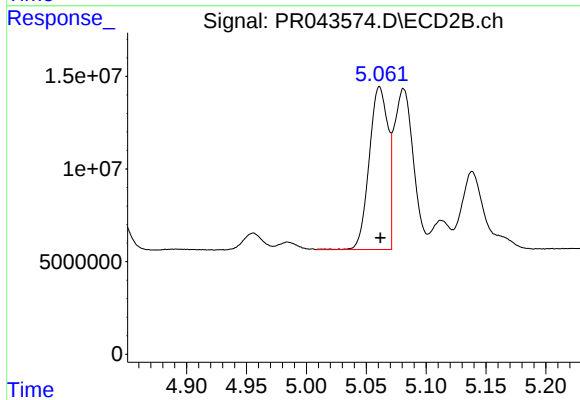
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

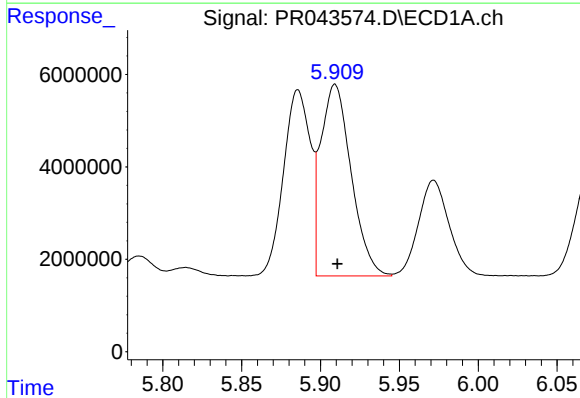
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 47724076
Conc: 246.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



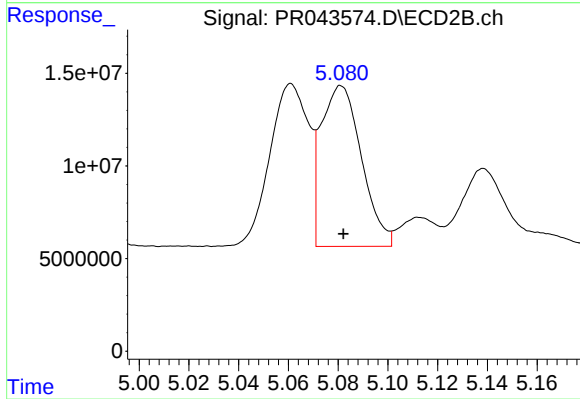
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 95425884
Conc: 235.35 ng/ml



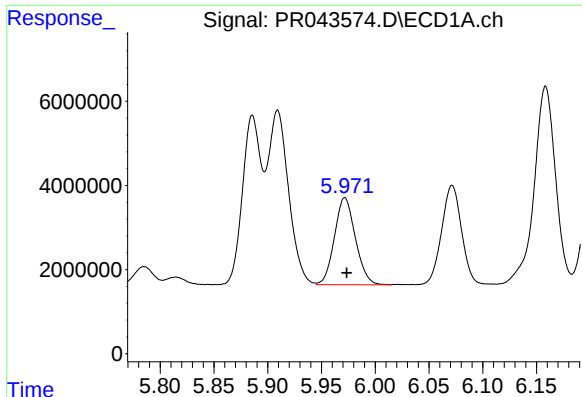
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 55582714
Conc: 203.30 ng/ml



#4 AR-1016-2

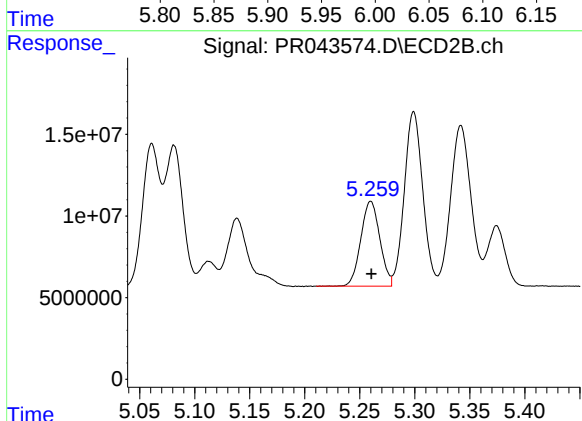
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 97457041
Conc: 174.75 ng/ml



#5 AR-1016-3

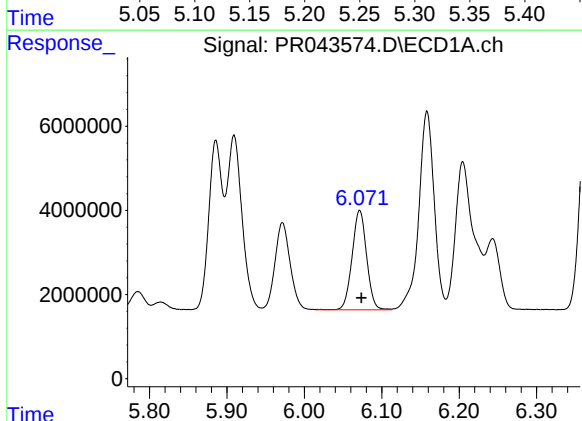
R.T.: 5.972 min
Delta R.T.: -0.002 min
Response: 28087316
Conc: 171.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



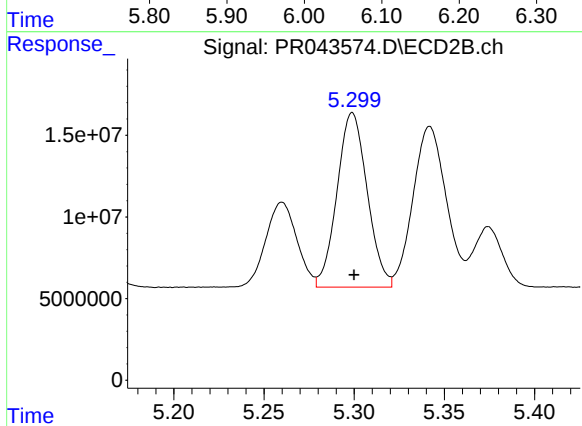
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 62656066
Conc: 209.93 ng/ml



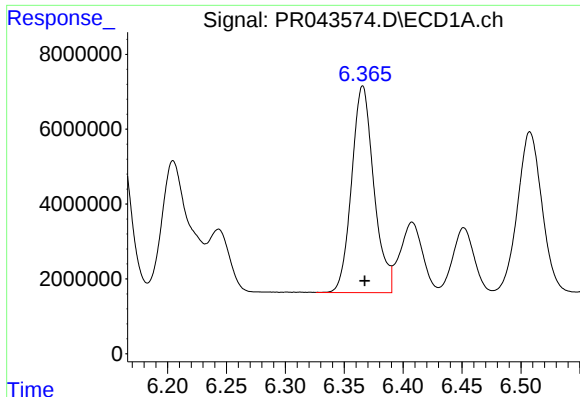
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 30743804
Conc: 226.29 ng/ml



#6 AR-1016-4

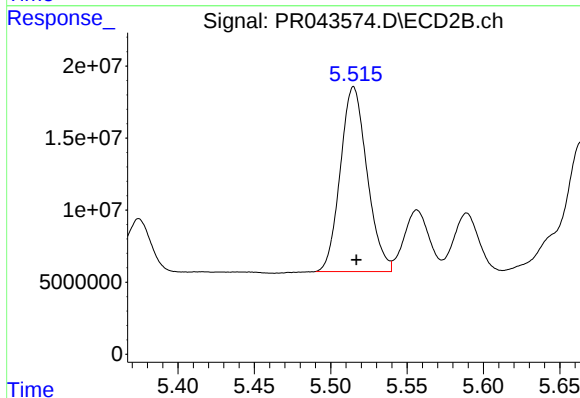
R.T.: 5.299 min
Delta R.T.: -0.001 min
Response: 124472218
Conc: 517.91 ng/ml



#7 AR-1016-5

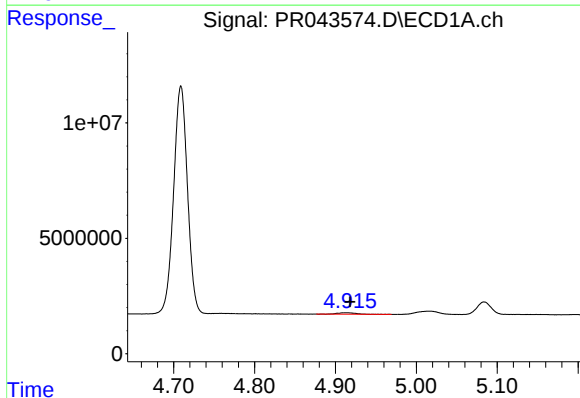
R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 72487236
Conc: 530.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



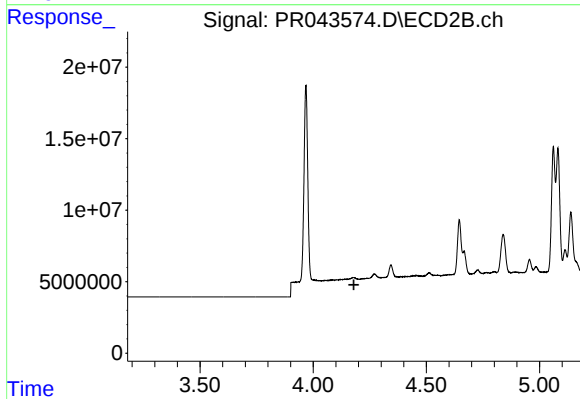
#7 AR-1016-5

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 156093719
Conc: 491.46 ng/ml



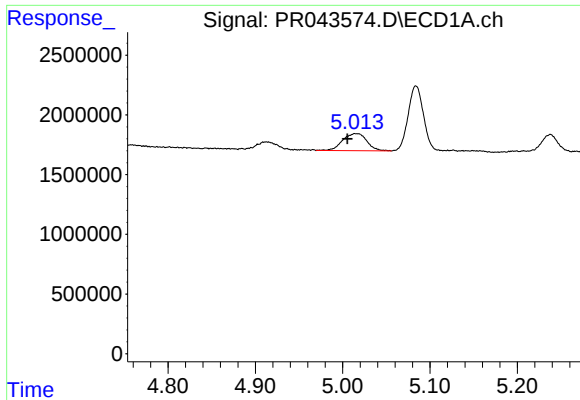
#8 AR-1221-1

R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 1082965
Conc: 18.94 ng/ml



#8 AR-1221-1

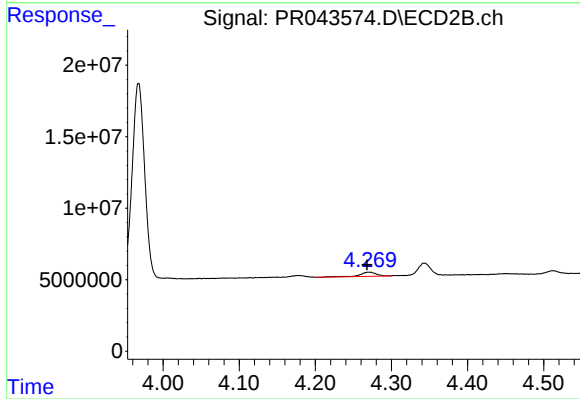
R.T.: 0.000 min
Exp R.T.: 4.180 min
Response: 0
Conc: N.D.



#9 AR-1221-2

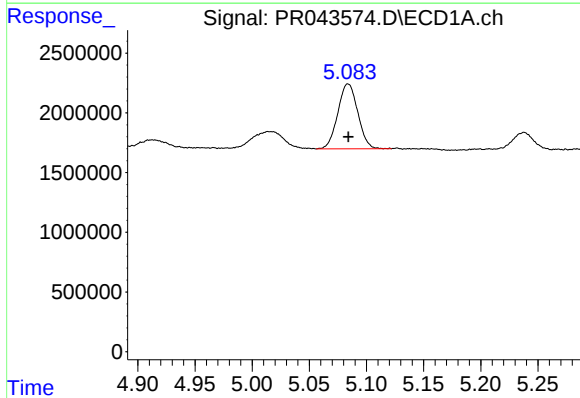
R.T.: 5.015 min
Delta R.T.: 0.009 min
Response: 2785350
Conc: 68.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



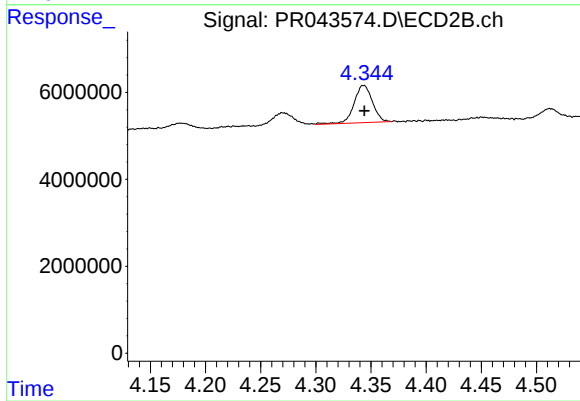
#9 AR-1221-2

R.T.: 4.270 min
Delta R.T.: 0.002 min
Response: 4551583
Conc: 72.88 ng/ml



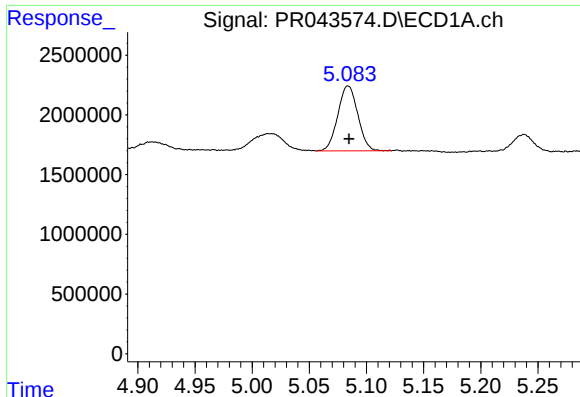
#10 AR-1221-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 6625651
Conc: 48.87 ng/ml



#10 AR-1221-3

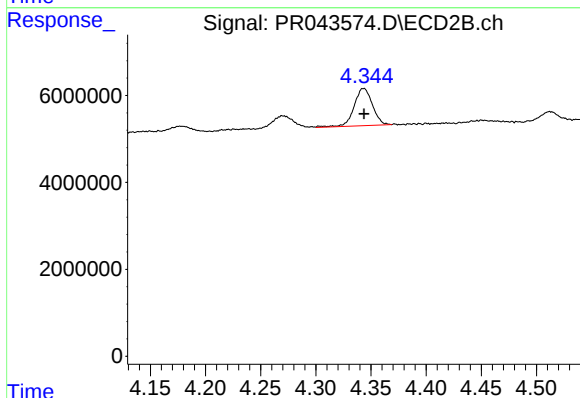
R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 9961856
Conc: 45.61 ng/ml



#11 AR-1232-1

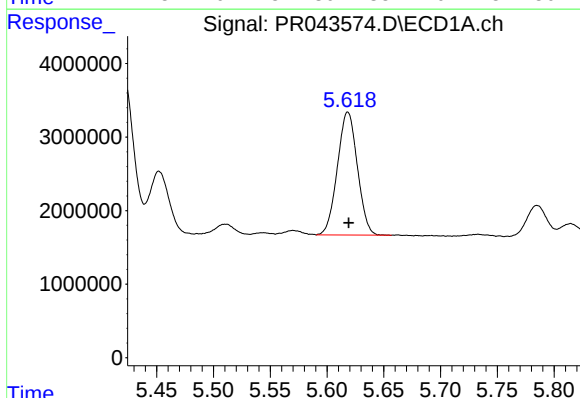
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 6625651
Conc: 62.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



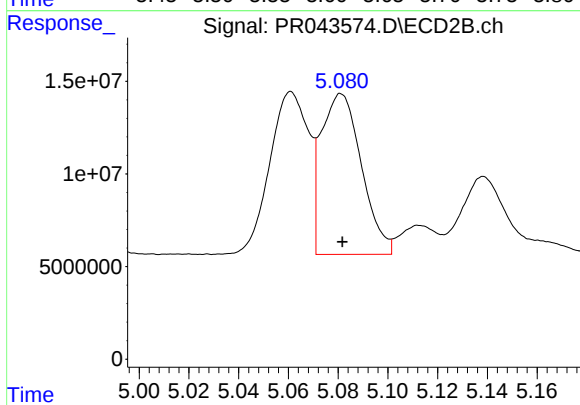
#11 AR-1232-1

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 9961856
Conc: 57.58 ng/ml



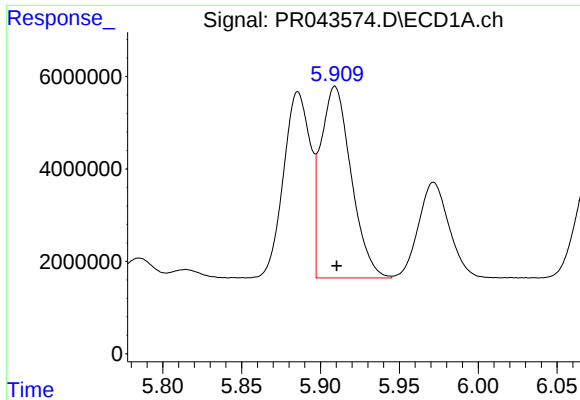
#12 AR-1232-2

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 20532651
Conc: 375.19 ng/ml



#12 AR-1232-2

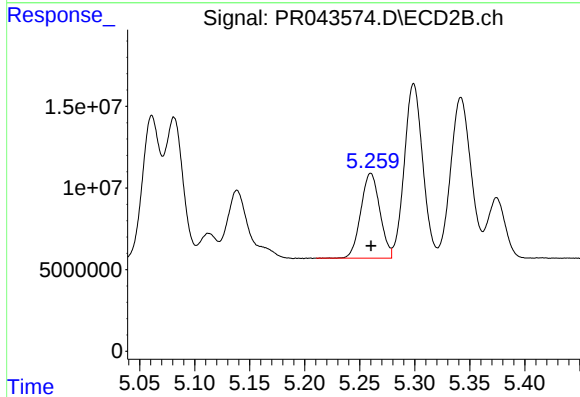
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 97457041
Conc: 417.02 ng/ml



#13 AR-1232-3

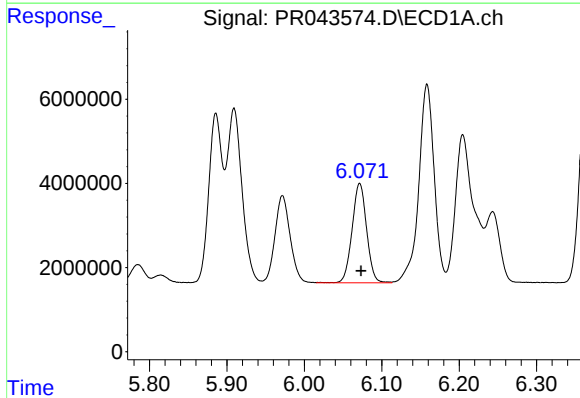
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 55582714
Conc: 492.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



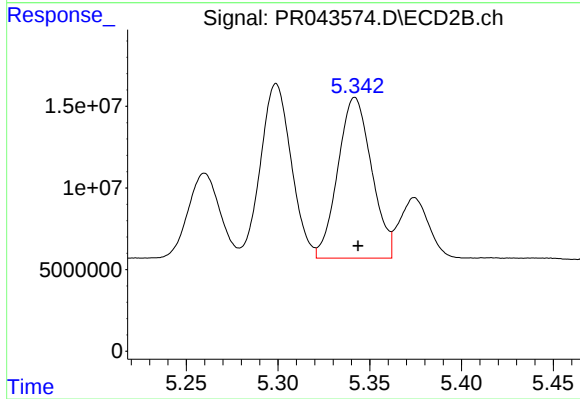
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 62656066
Conc: 515.00 ng/ml



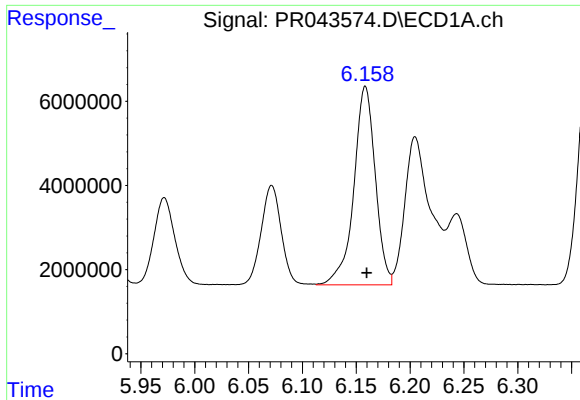
#14 AR-1232-4

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 30743804
Conc: 544.66 ng/ml



#14 AR-1232-4

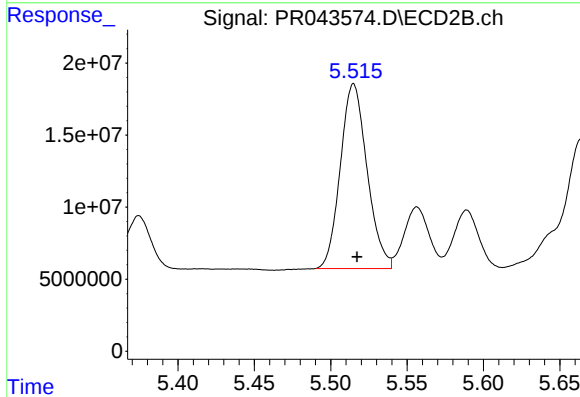
R.T.: 5.342 min
Delta R.T.: -0.002 min
Response: 126000764
Conc: 1182.26 ng/ml



#15 AR-1232-5

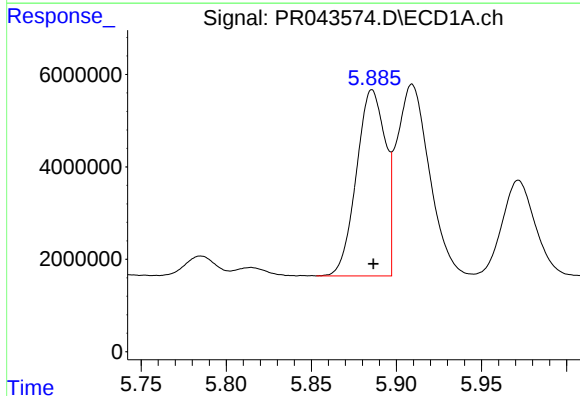
R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 65387182
Conc: 1516.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



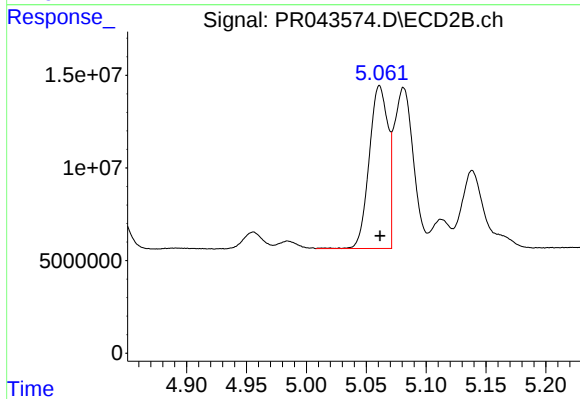
#15 AR-1232-5

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 156093719
Conc: 1303.65 ng/ml



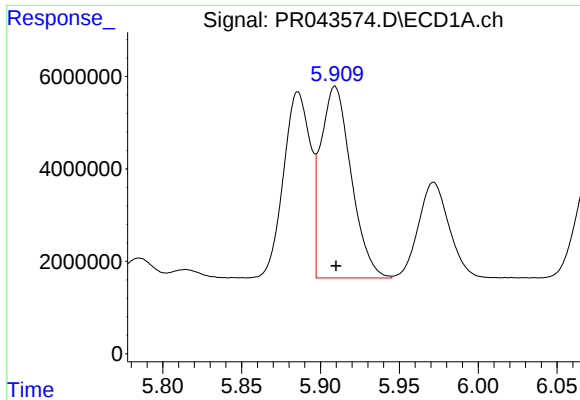
#16 AR-1242-1

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 47724076
Conc: 293.69 ng/ml



#16 AR-1242-1

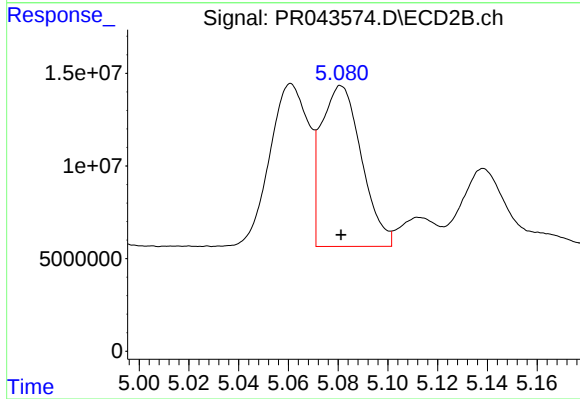
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 95425884
Conc: 287.56 ng/ml



#17 AR-1242-2

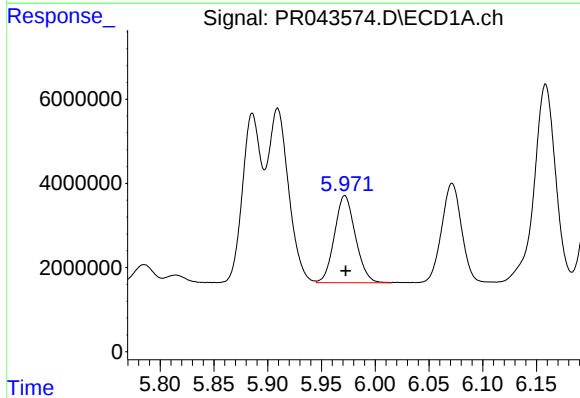
R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 55582714
Conc: 243.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



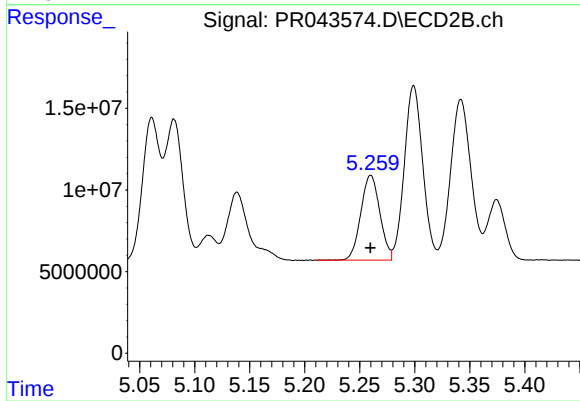
#17 AR-1242-2

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 97457041
Conc: 211.87 ng/ml



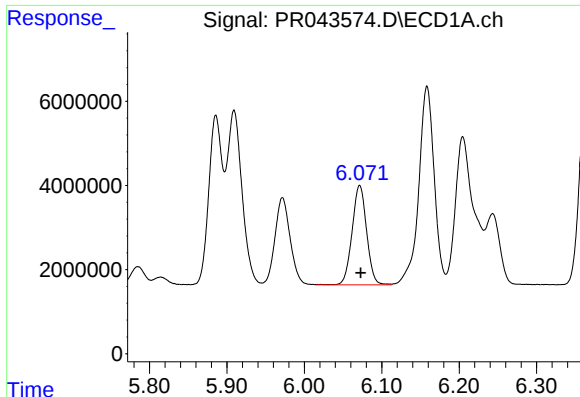
#18 AR-1242-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 28087316
Conc: 205.19 ng/ml



#18 AR-1242-3

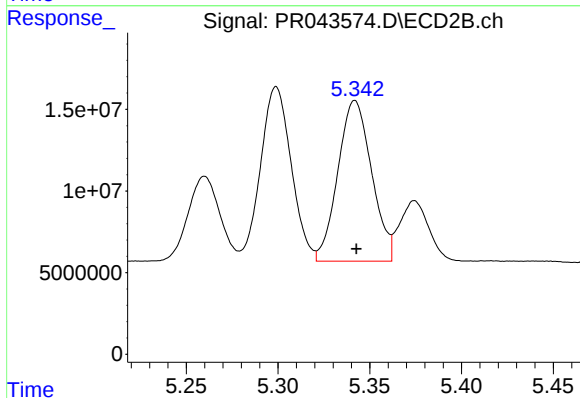
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 62656066
Conc: 256.78 ng/ml



#19 AR-1242-4

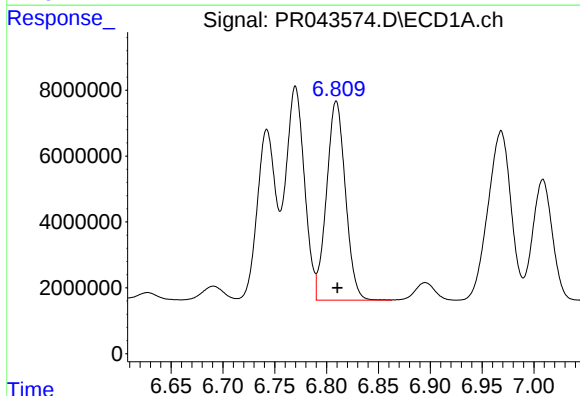
R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 30743804
Conc: 270.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



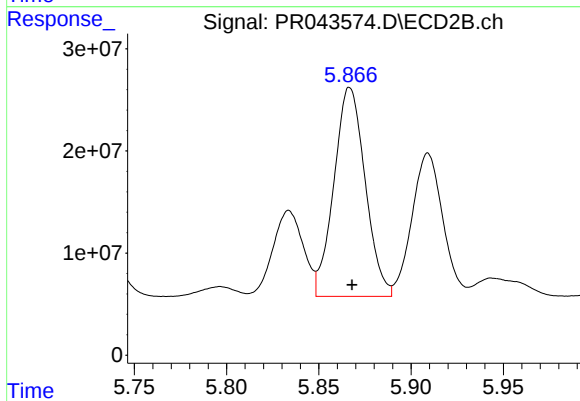
#19 AR-1242-4

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 126000764
Conc: 533.48 ng/ml



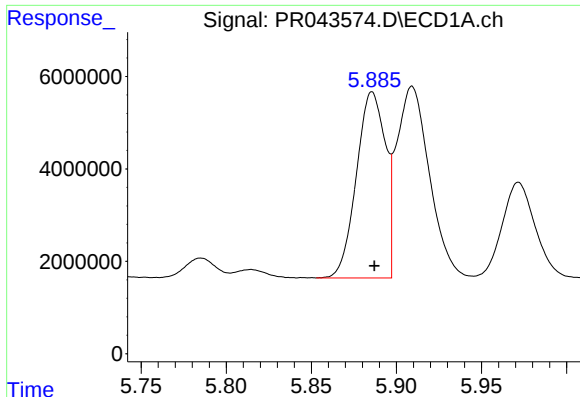
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: -0.001 min
Response: 76521284
Conc: 605.24 ng/ml



#20 AR-1242-5

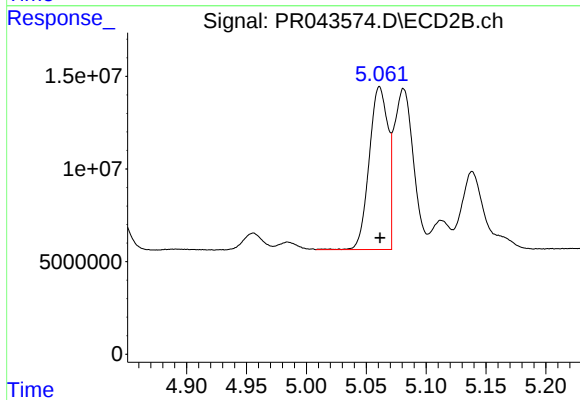
R.T.: 5.867 min
Delta R.T.: -0.001 min
Response: 241687545
Conc: 700.30 ng/ml



#21 AR-1248-1

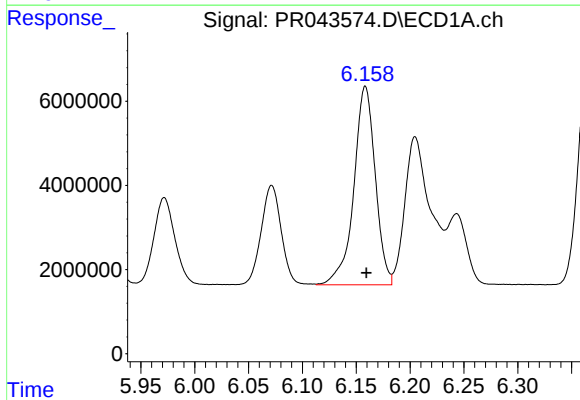
R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 47724076
Conc: 402.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



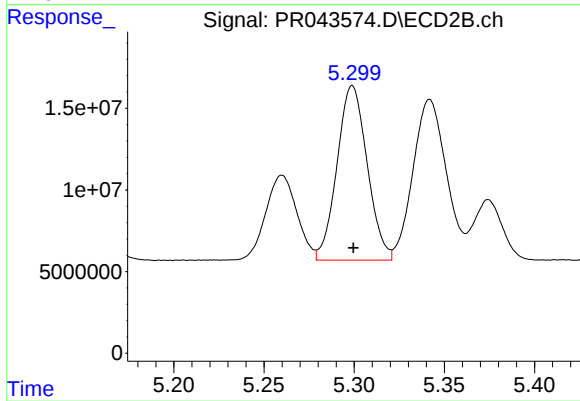
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 95425884
Conc: 388.62 ng/ml



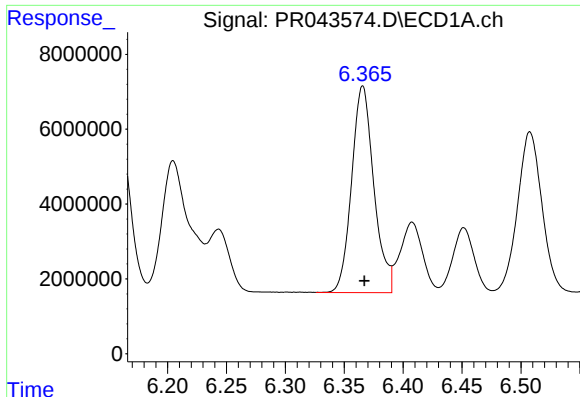
#22 AR-1248-2

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 65387182
Conc: 406.64 ng/ml



#22 AR-1248-2

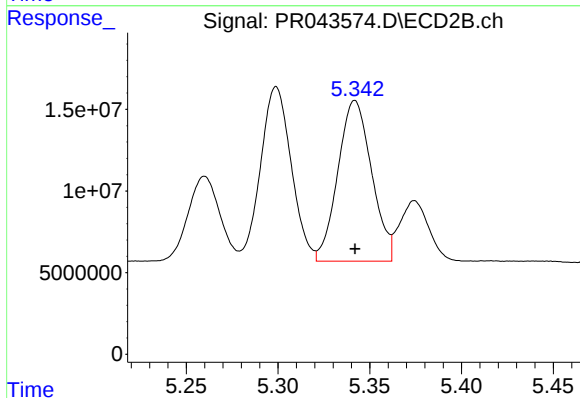
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 124472218
Conc: 383.61 ng/ml



#23 AR-1248-3

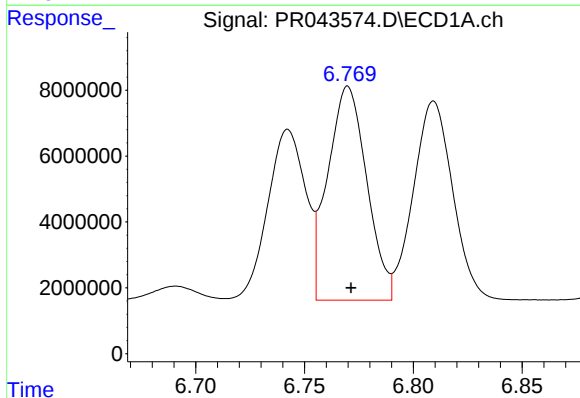
R.T.: 6.366 min
Delta R.T.: -0.001 min
Response: 72487236
Conc: 401.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



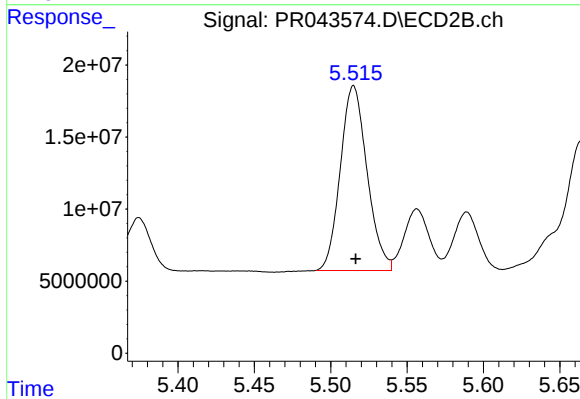
#23 AR-1248-3

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 126000764
Conc: 382.47 ng/ml



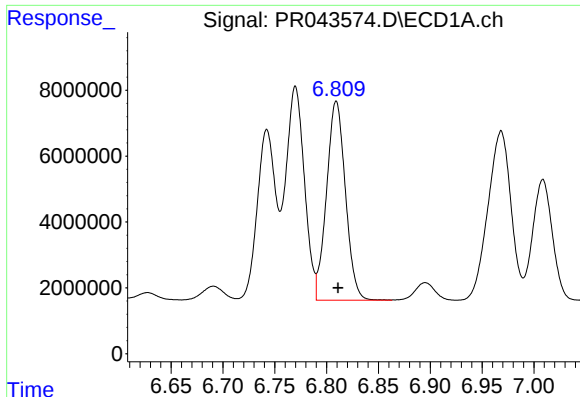
#24 AR-1248-4

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 80880223
Conc: 387.45 ng/ml



#24 AR-1248-4

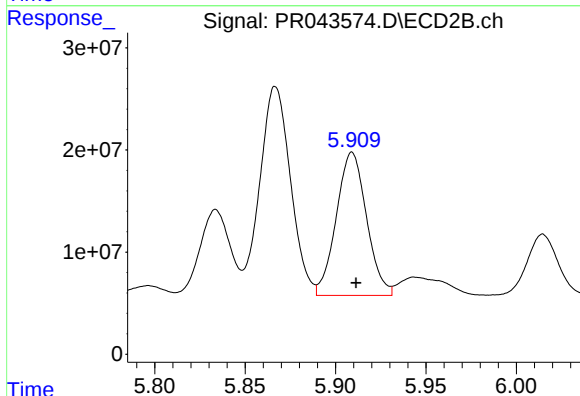
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 156093719
Conc: 378.83 ng/ml



#25 AR-1248-5

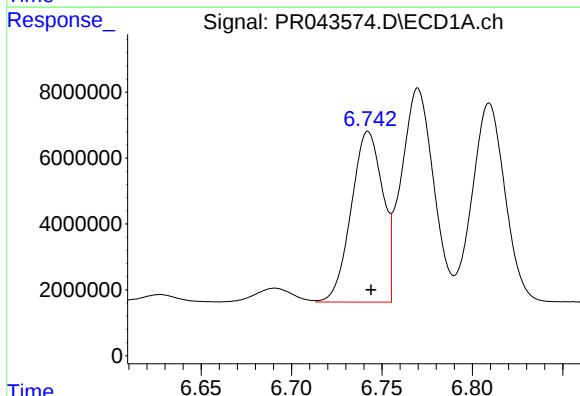
R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 76521284
Conc: 387.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



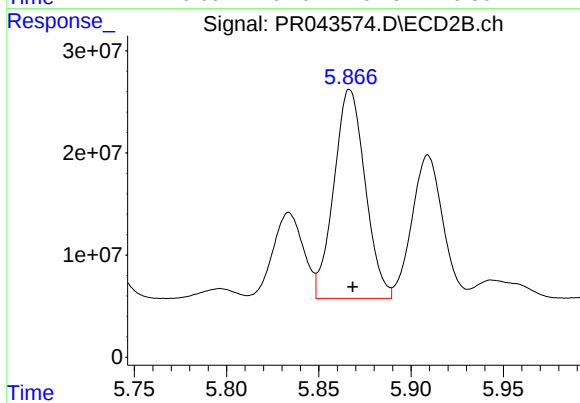
#25 AR-1248-5

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 163457689
Conc: 367.98 ng/ml



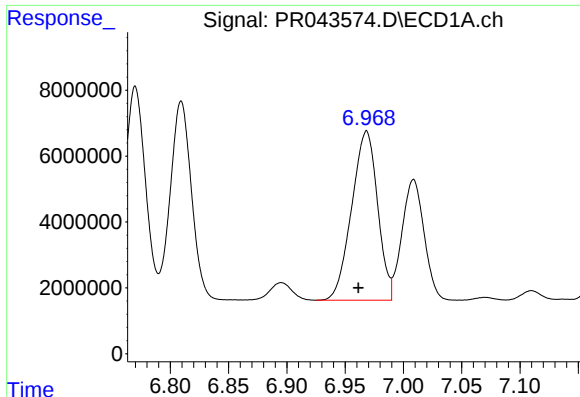
#26 AR-1254-1

R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 62808515
Conc: 287.84 ng/ml



#26 AR-1254-1

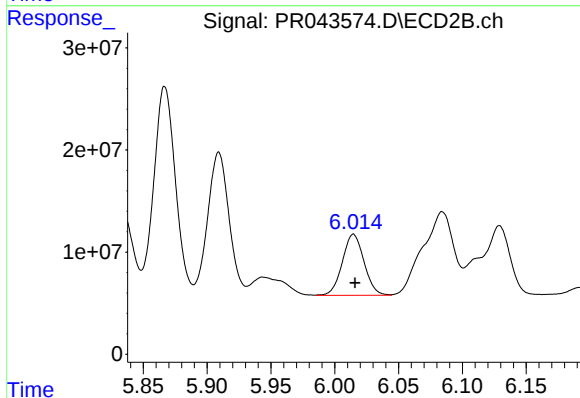
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 241687545
Conc: 339.23 ng/ml



#27 AR-1254-2

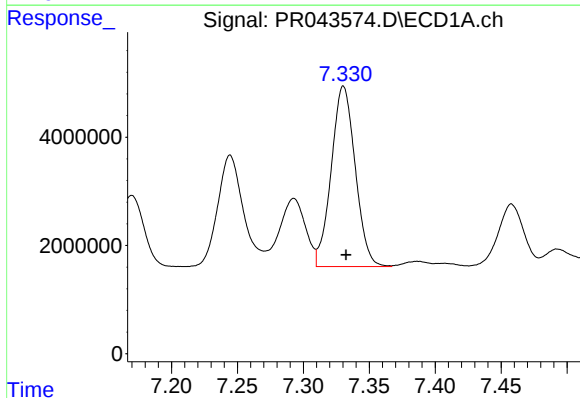
R.T.: 6.968 min
Delta R.T.: 0.007 min
Response: 79447872
Conc: 235.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



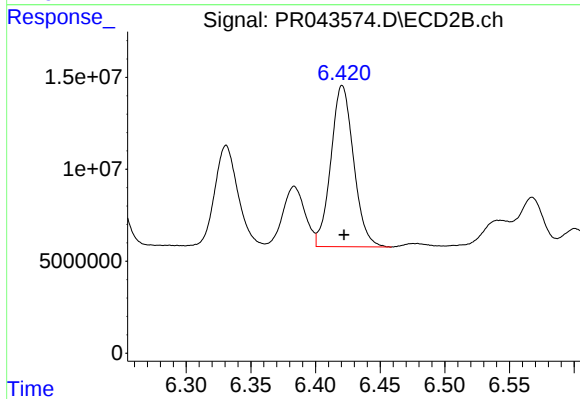
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 70725931
Conc: 110.57 ng/ml



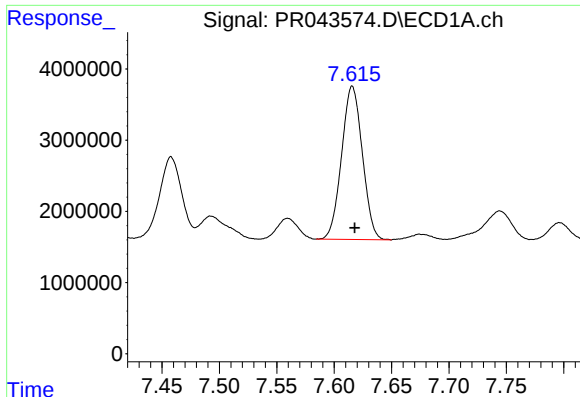
#28 AR-1254-3

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 42261893
Conc: 120.83 ng/ml



#28 AR-1254-3

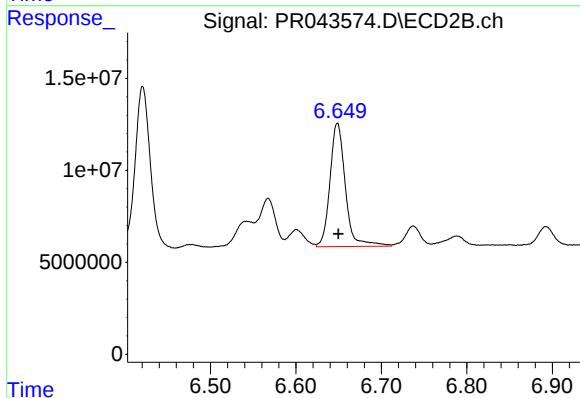
R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 107456956
Conc: 106.15 ng/ml



#29 AR-1254-4

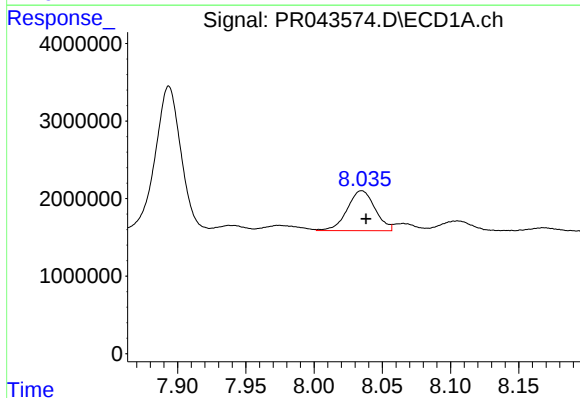
R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 27127486
Conc: 108.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



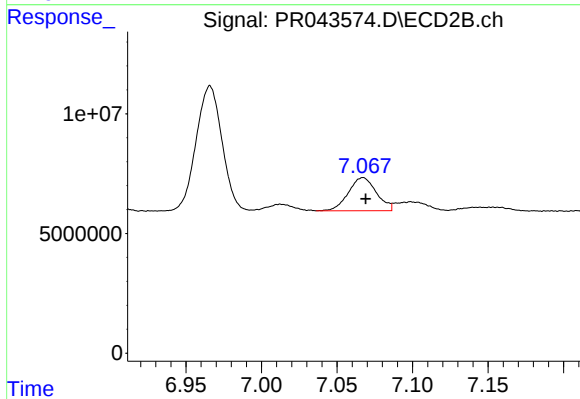
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 84039106
Conc: 116.71 ng/ml



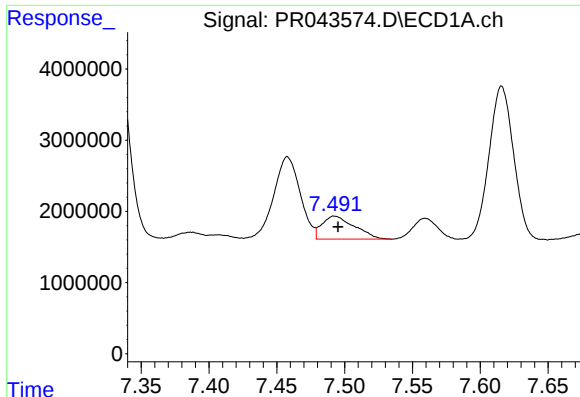
#30 AR-1254-5

R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 7309257
Conc: 28.38 ng/ml



#30 AR-1254-5

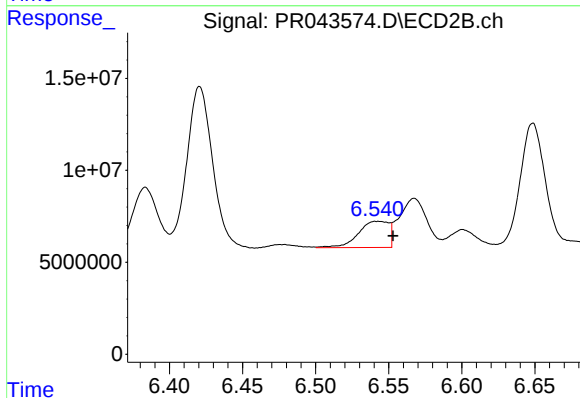
R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 17814028
Conc: 20.91 ng/ml



#31 AR-1260-1

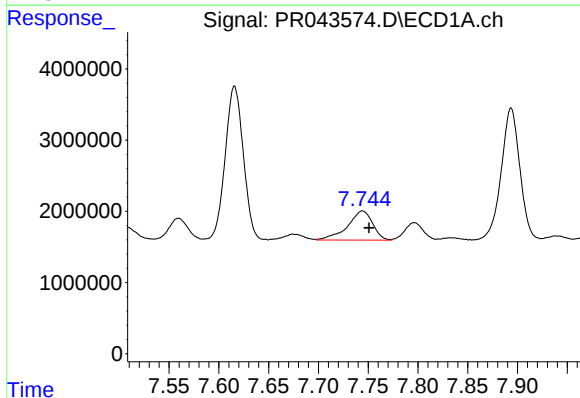
R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 5387712
Conc: 21.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



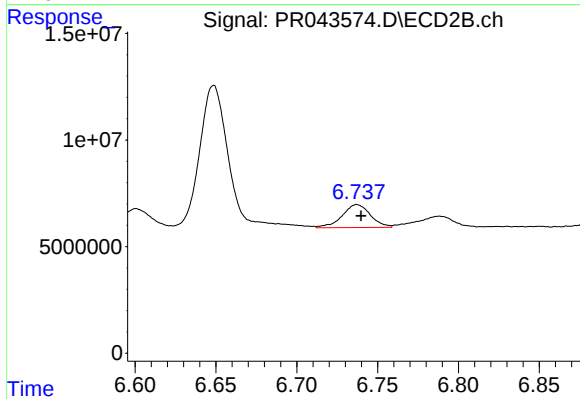
#31 AR-1260-1

R.T.: 6.542 min
Delta R.T.: -0.011 min
Response: 20690971
Conc: 30.81 ng/ml



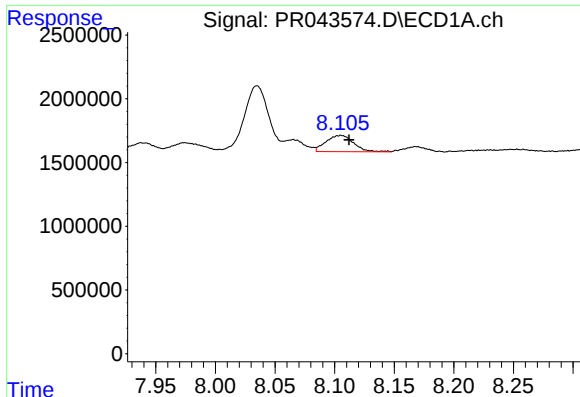
#32 AR-1260-2

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 7197329
Conc: 24.31 ng/ml



#32 AR-1260-2

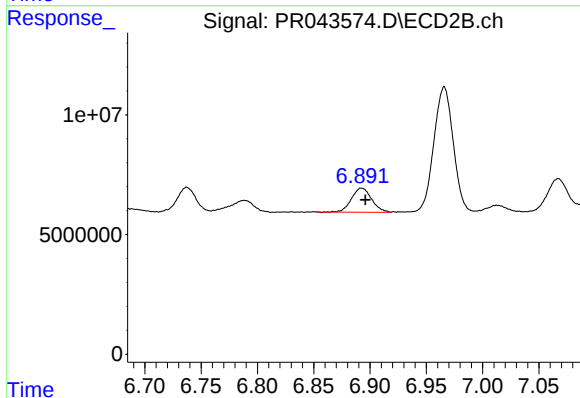
R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 13161974
Conc: 13.59 ng/ml



#33 AR-1260-3

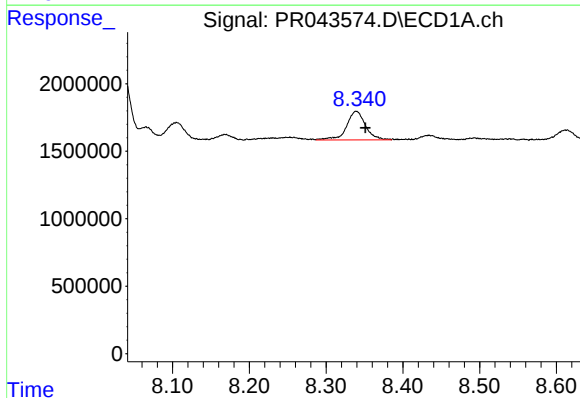
R.T.: 8.105 min
Delta R.T.: -0.007 min
Response: 2064956
Conc: 9.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



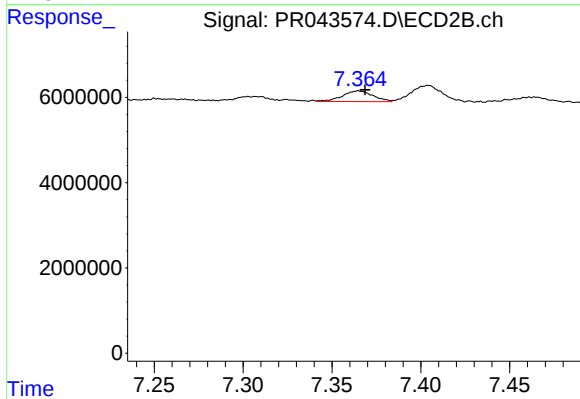
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 12544916
Conc: 16.09 ng/ml



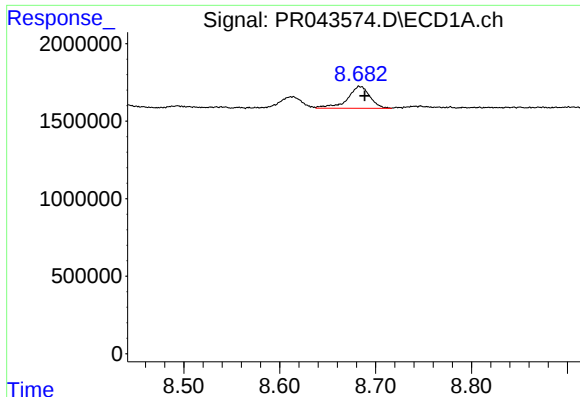
#34 AR-1260-4

R.T.: 8.339 min
Delta R.T.: -0.012 min
Response: 3635338
Conc: 14.58 ng/ml



#34 AR-1260-4

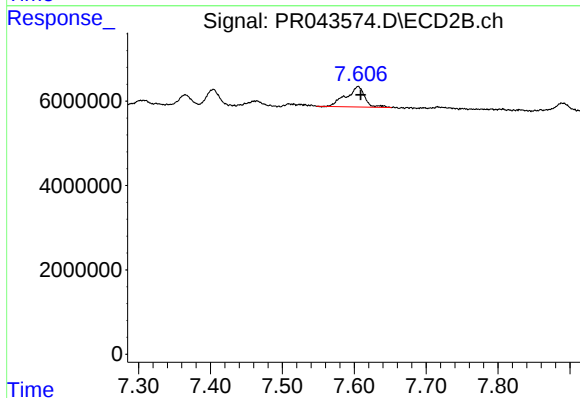
R.T.: 7.365 min
Delta R.T.: -0.004 min
Response: 3021838
Conc: 4.79 ng/ml



#35 AR-1260-5

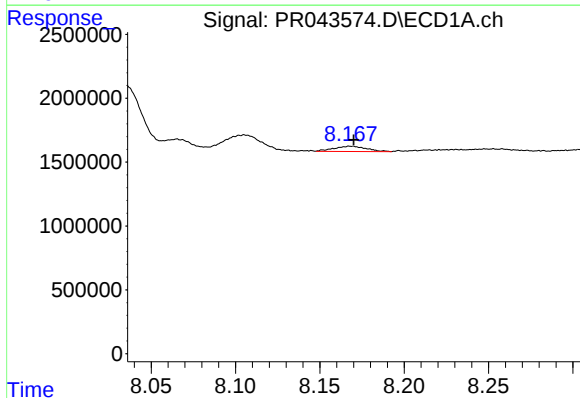
R.T.: 8.683 min
Delta R.T.: -0.005 min
Response: 2297467
Conc: 4.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



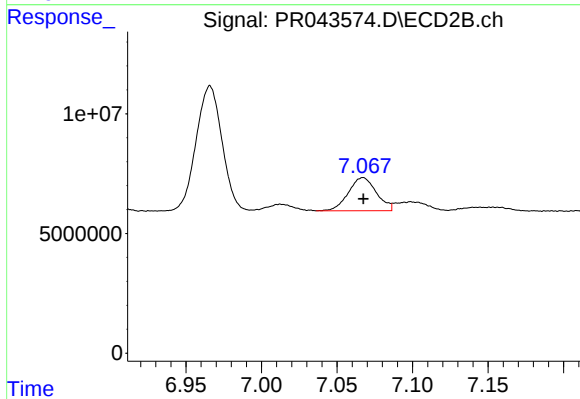
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 8757229
Conc: 5.17 ng/ml



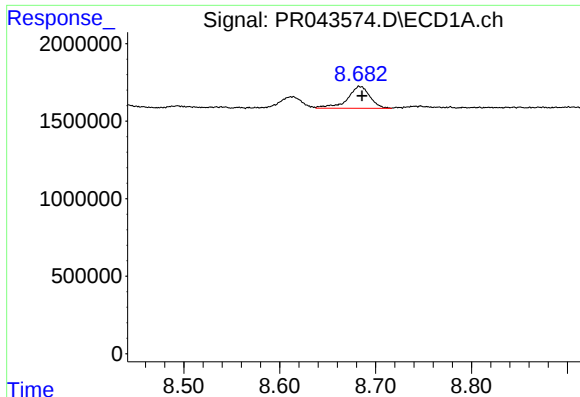
#36 AR-1262-1

R.T.: 8.168 min
Delta R.T.: -0.002 min
Response: 555627
Conc: 4.21 ng/ml



#36 AR-1262-1

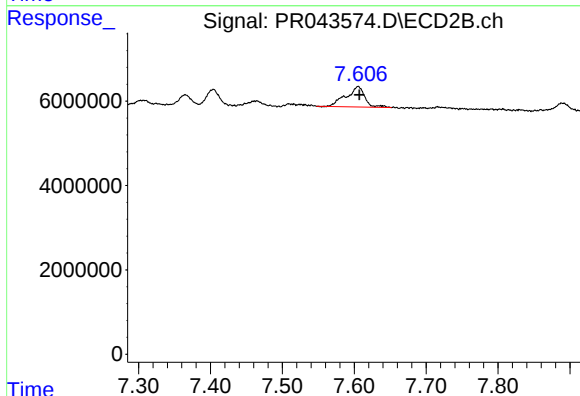
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 17814028
Conc: 36.03 ng/ml



#37 AR-1262-2

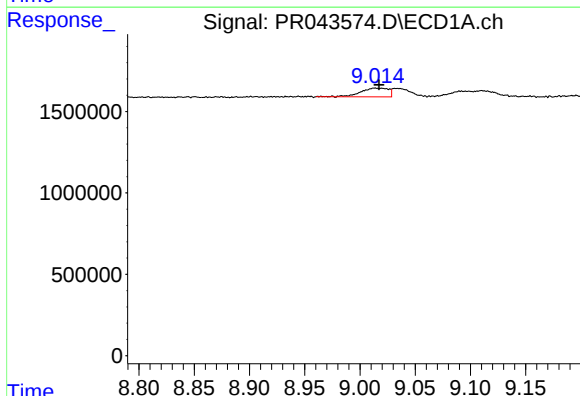
R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 2297467
Conc: 4.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



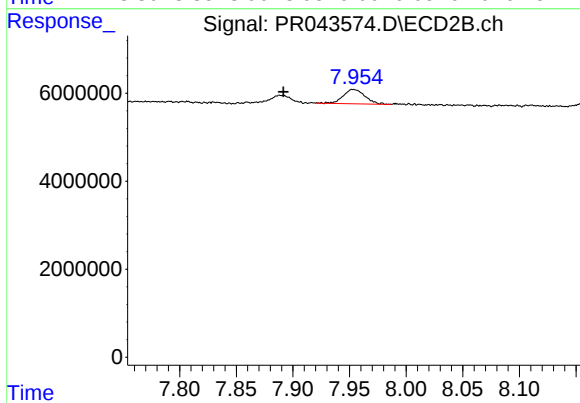
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.002 min
Response: 8757229
Conc: 4.60 ng/ml



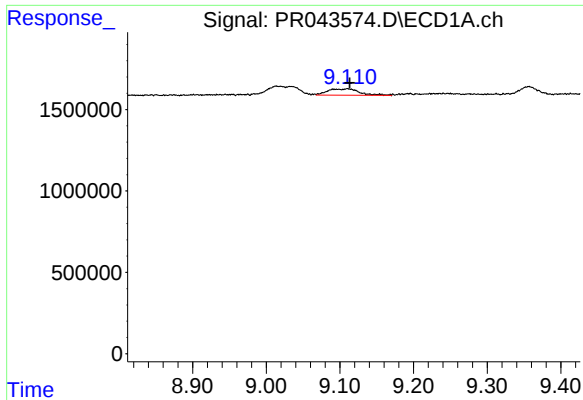
#38 AR-1262-3

R.T.: 9.014 min
Delta R.T.: -0.004 min
Response: 953119
Conc: 2.63 ng/ml



#38 AR-1262-3

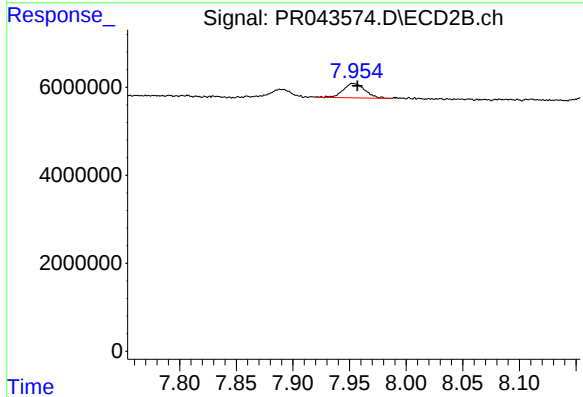
R.T.: 7.953 min
Delta R.T.: 0.062 min
Response: 4329581
Conc: 5.68 ng/ml



#39 AR-1262-4

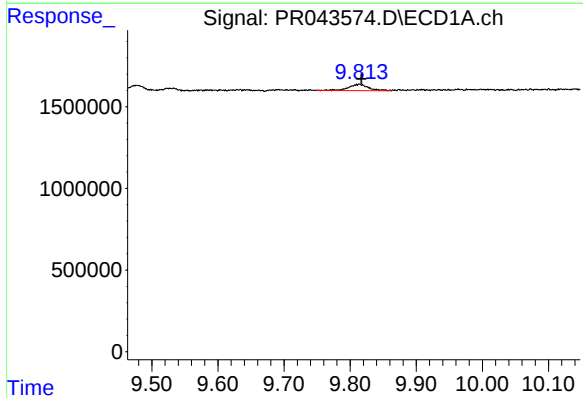
R.T.: 9.110 min
Delta R.T.: -0.003 min
Response: 1192491
Conc: 4.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



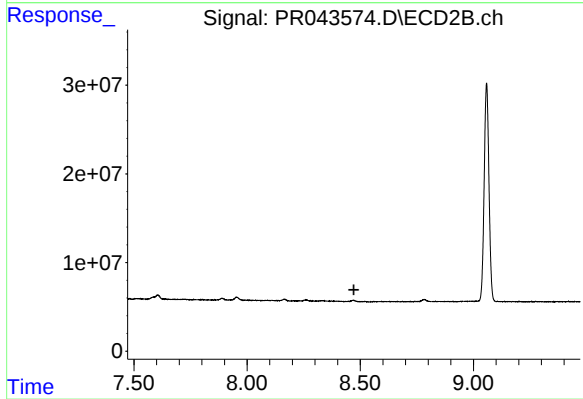
#39 AR-1262-4

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 4329581
Conc: 3.49 ng/ml



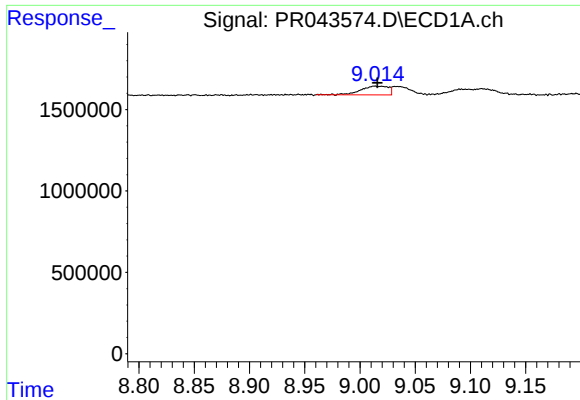
#40 AR-1262-5

R.T.: 9.814 min
Delta R.T.: -0.003 min
Response: 814548
Conc: 4.33 ng/ml



#40 AR-1262-5

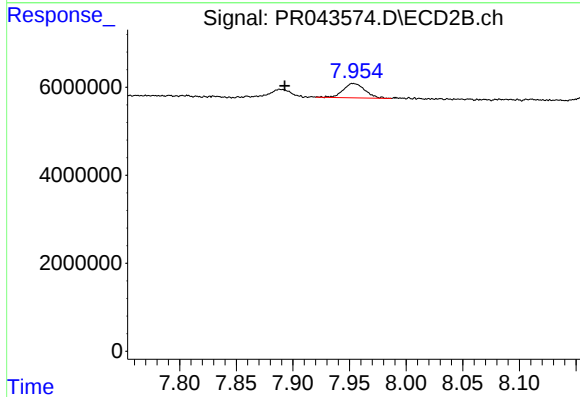
R.T.: 0.000 min
Exp R.T.: 8.472 min
Response: 0
Conc: N.D.



#41 AR-1268-1

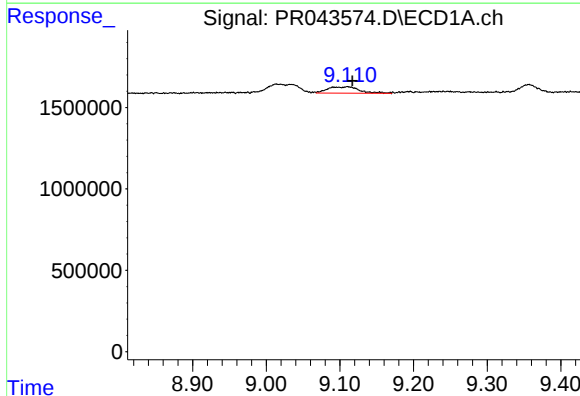
R.T.: 9.014 min
Delta R.T.: -0.002 min
Response: 953119
Conc: 1.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



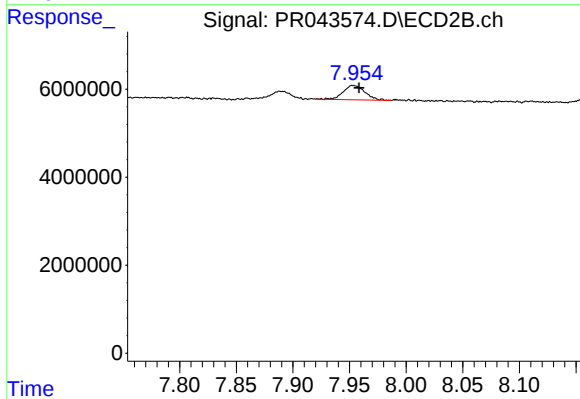
#41 AR-1268-1

R.T.: 7.953 min
Delta R.T.: 0.061 min
Response: 4329581
Conc: 2.02 ng/ml



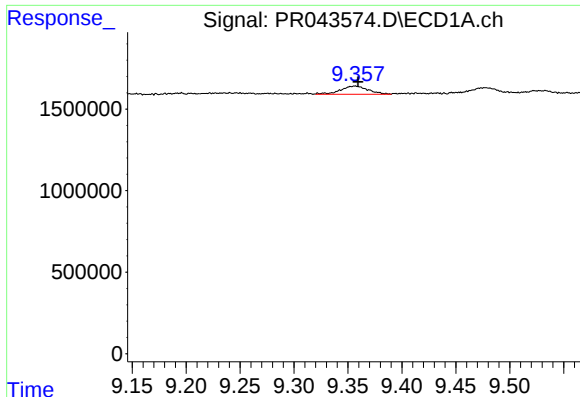
#42 AR-1268-2

R.T.: 9.110 min
Delta R.T.: -0.007 min
Response: 1192491
Conc: 2.07 ng/ml



#42 AR-1268-2

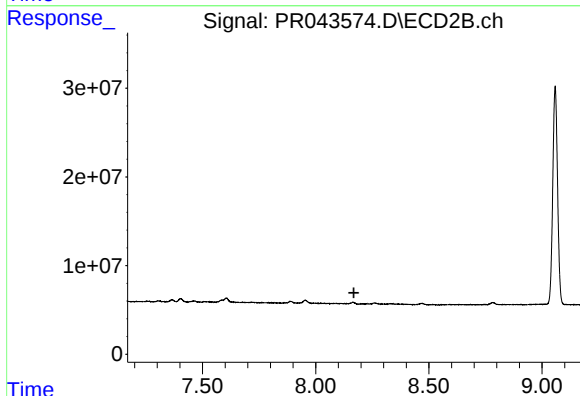
R.T.: 7.953 min
Delta R.T.: -0.005 min
Response: 4329581
Conc: 2.39 ng/ml



#43 AR-1268-3

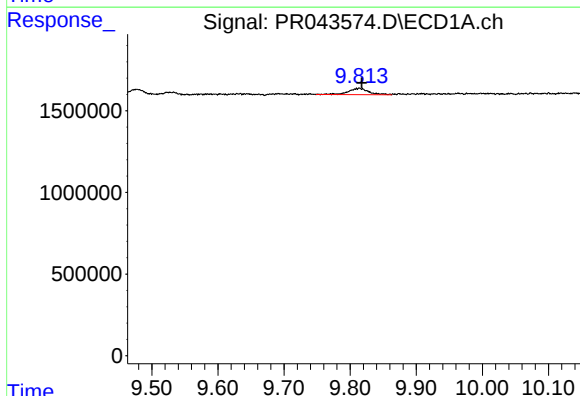
R.T.: 9.357 min
Delta R.T.: -0.003 min
Response: 898879
Conc: 1.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



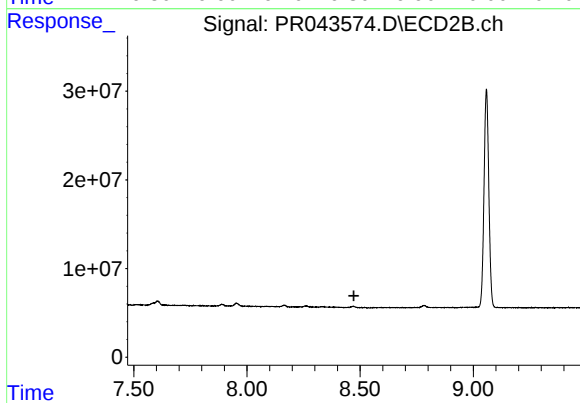
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.169 min
Response: 0
Conc: N.D.



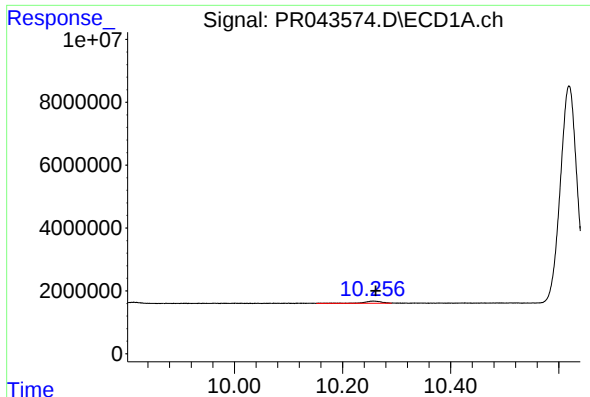
#44 AR-1268-4

R.T.: 9.814 min
Delta R.T.: -0.004 min
Response: 814548
Conc: 3.97 ng/ml



#44 AR-1268-4

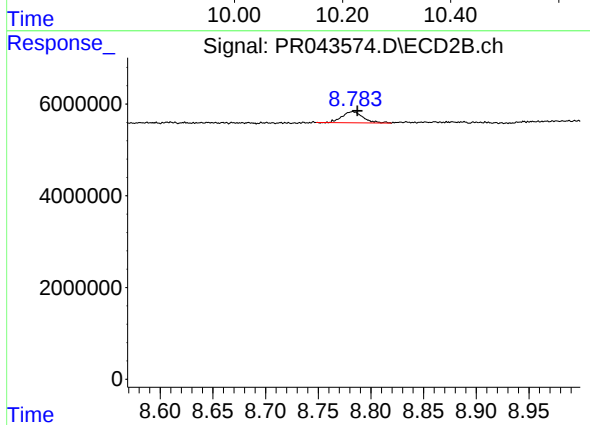
R.T.: 0.000 min
Exp R.T. : 8.472 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: -0.005 min
Response: 1509429
Conc: 0.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1248362



#45 AR-1268-5

R.T.: 8.783 min
Delta R.T.: -0.004 min
Response: 3390620
Conc: 0.80 ng/ml