

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR120519\
 Data File : PR043536.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2019 12:45
 Operator : SM\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 04:36:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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	109.4E6	149.6E6	19.679	19.365
2)	SA Decachlor...	10.620	9.061	147.0E6	370.8E6	39.041	37.470
Target Compounds							
3)	L1 AR-1016-1	5.887	5.061	59925495	118.8E6	309.495	291.313
4)	L1 AR-1016-2	5.910	5.082	85139364	169.1E6	310.940	302.726
5)	L1 AR-1016-3	5.973	5.260	51386163	91306154	312.026	305.619
6)	L1 AR-1016-4	6.073	5.300	42689767	68645295	309.977	285.384
7)	L1 AR-1016-5	6.367	5.516	43165373	98333197	312.387	309.684
8)	L2 AR-1221-1	4.914	4.179	5576115	7889369	97.202	92.537
9)	L2 AR-1221-2	5.007	4.268	7657712	10588976	187.383	172.971
10)	L2 AR-1221-3	5.084	4.344	30238563	46977096	220.013	215.028
11)	L3 AR-1232-1	5.084	4.344	30238563	46977096	281.315	278.480
12)	L3 AR-1232-2	5.619	5.082	40565536	169.1E6	732.945	724.649
13)	L3 AR-1232-3	5.910	5.260	85139364	91306154	750.821	746.134
14)	L3 AR-1232-4	6.073	5.342	42689767	87803648	734.448	827.162
15)	L3 AR-1232-5	6.159	5.516	36093310	98333197	808.375	821.230
16)	L4 AR-1242-1	5.887	5.061	59925495	118.8E6	368.645	359.205
17)	L4 AR-1242-2	5.910	5.082	85139364	169.1E6	373.225	369.888
18)	L4 AR-1242-3	5.973	5.260	51386163	91306154	373.584	374.642
19)	L4 AR-1242-4	6.073	5.342	42689767	87803648	371.902	372.720
20)	L4 AR-1242-5	6.811	5.867	47490711	130.3E6	373.356	382.256
21)	L5 AR-1248-1	5.887	5.061	59925495	118.8E6	504.878	485.359
22)	L5 AR-1248-2	6.159	5.300	36093310	68645295	221.537	211.688
23)	L5 AR-1248-3	6.367	5.342	43165373	87803648	237.732	266.603
24)	L5 AR-1248-4	6.771	5.516	45705481	98333197	218.333	237.178
25)	L5 AR-1248-5	6.811	5.910	47490711	109.1E6	239.205	245.368
26)	L6 AR-1254-1	6.743	5.867	34358374	130.3E6	157.196	182.898
27)	L6 AR-1254-2	6.969	6.015	40417635	31393226	119.859	49.080 #
28)	L6 AR-1254-3	7.331	6.421	16238101	43968139	46.425	43.435
29)	L6 AR-1254-4	7.616	6.649	12234535	36619135	48.961	50.854
30)	L6 AR-1254-5	8.037	7.068	3321282	10259273	12.888	12.043
31)	L7 AR-1260-1	7.496	6.539	2004045	16033347	8.042	23.666 #
32)	L7 AR-1260-2	7.744	6.739	3007928	4945436	10.124	5.104 #
33)	L7 AR-1260-3	8.099	6.894	574552	4544671	2.593	5.820 #
34)	L7 AR-1260-4	8.338	0.000	1495982	0	5.947	N.D. #
35)	L7 AR-1260-5	8.683	0.000	533054	0	1.105	N.D. #
36)	L8 AR-1262-1	8.220f	7.068	227786	10259273	1.711	20.747 #
37)	L8 AR-1262-2	8.683	0.000	533054	0	0.936	N.D. #
38)	L8 AR-1262-3	9.041	0.000	278552	0	0.769	N.D. #
40)	L8 AR-1262-5	9.800	0.000	209273	0	1.111	N.D. #
41)	L9 AR-1268-1	9.041	0.000	278552	0	0.435	N.D. #
43)	L9 AR-1268-3	9.357	0.000	1067159	0	2.267	N.D. #

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 Response via : Initial Calibration
 Integrator: ChemStation

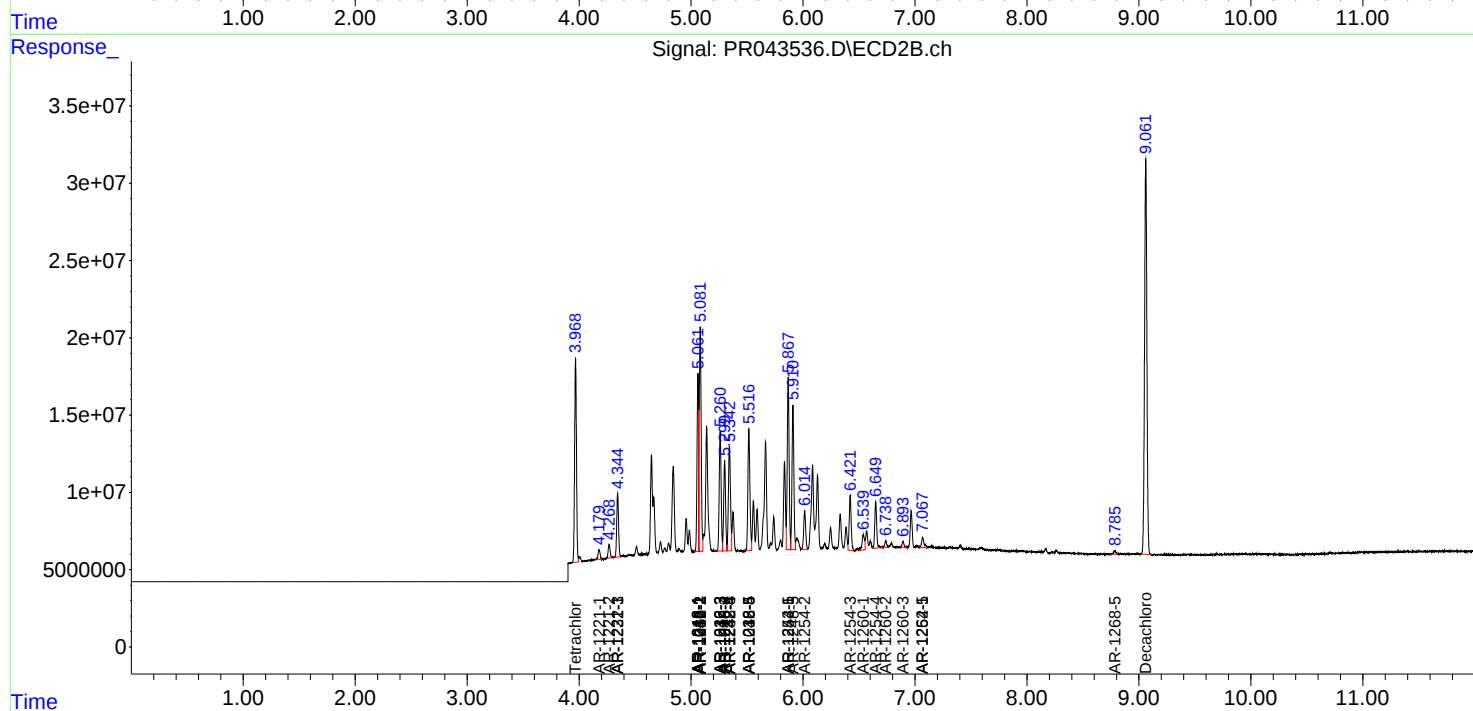
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

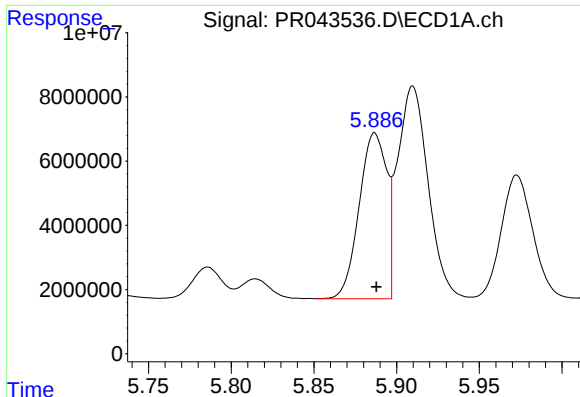
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.800	0.000	209273	0	1.024	N.D. #
45) L9	AR-1268-5	10.260	8.785	1138679	3434126	0.728	0.812

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

Instrument :
ECD_R
ClientSampleId :

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

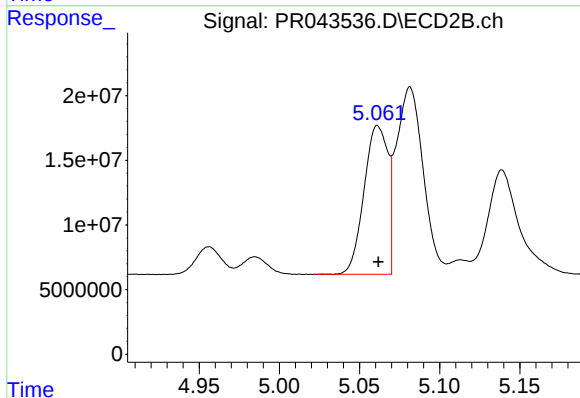




#3 AR-1016-1

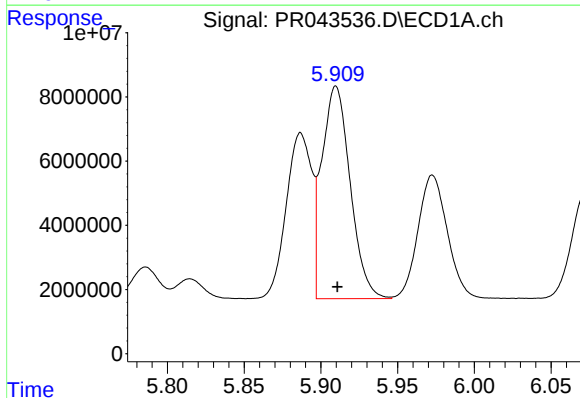
R.T.: 5.887 min
Delta R.T.: -0.001 min
Response: 59925495
Conc: 309.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



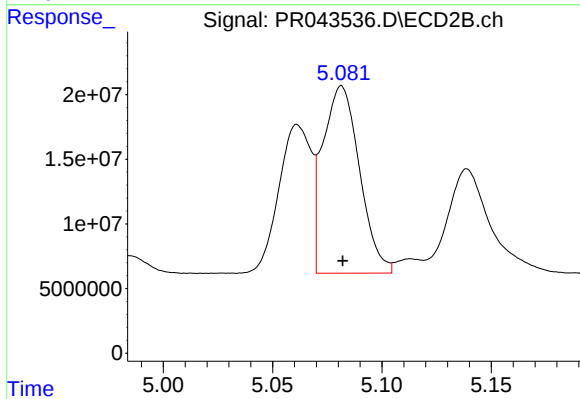
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 118767098
Conc: 291.31 ng/ml



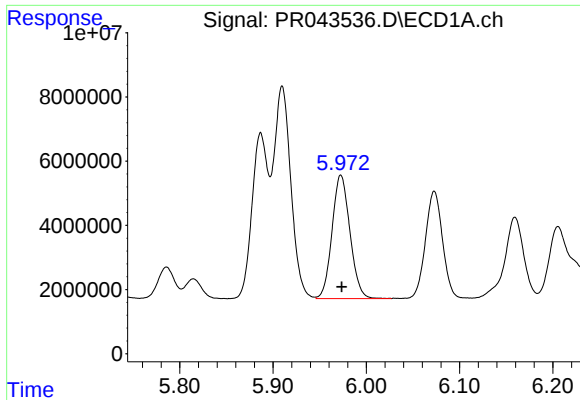
#4 AR-1016-2

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 85139364
Conc: 310.94 ng/ml



#4 AR-1016-2

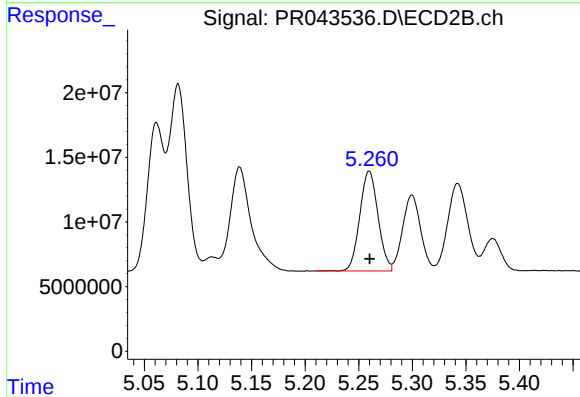
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 169093512
Conc: 302.73 ng/ml



#5 AR-1016-3

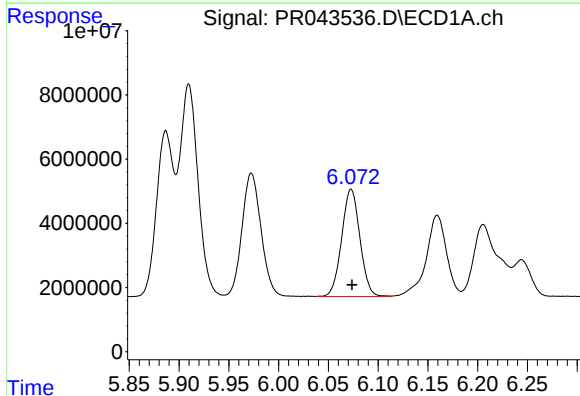
R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 51386163
Conc: 312.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



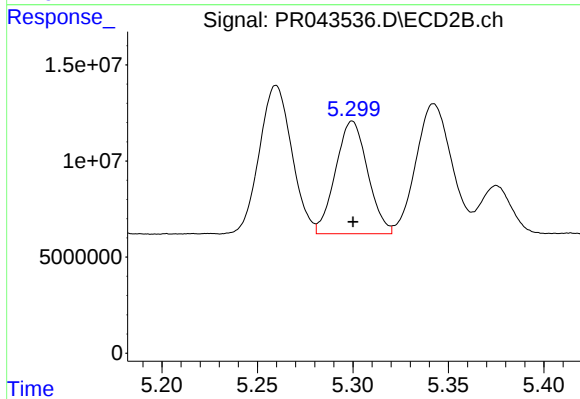
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 91306154
Conc: 305.62 ng/ml



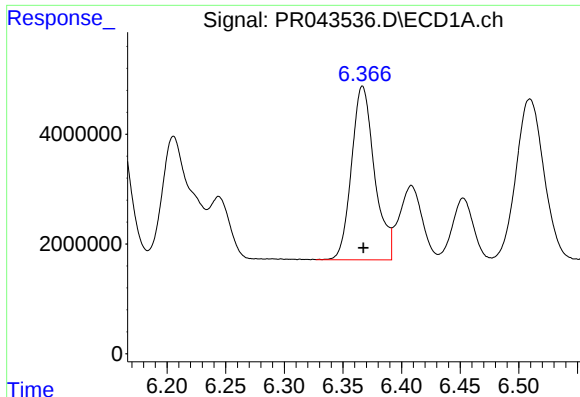
#6 AR-1016-4

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 42689767
Conc: 309.98 ng/ml



#6 AR-1016-4

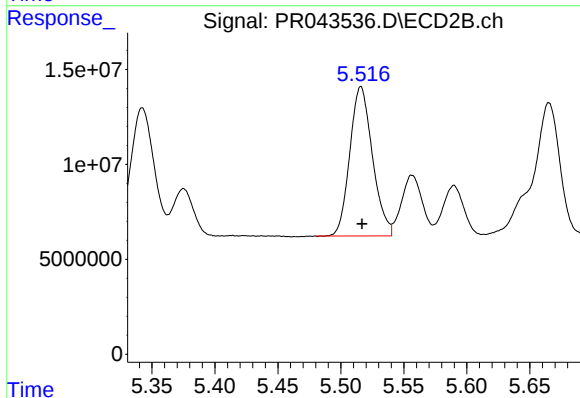
R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 68645295
Conc: 285.38 ng/ml



#7 AR-1016-5

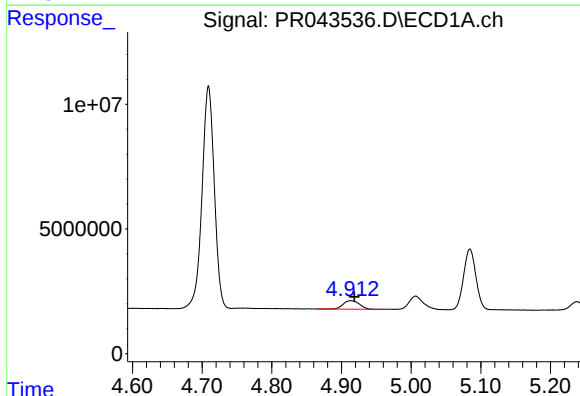
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 43165373
Conc: 312.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



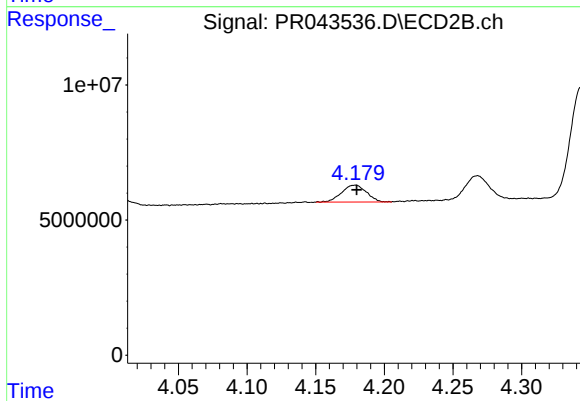
#7 AR-1016-5

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 98333197
Conc: 309.68 ng/ml



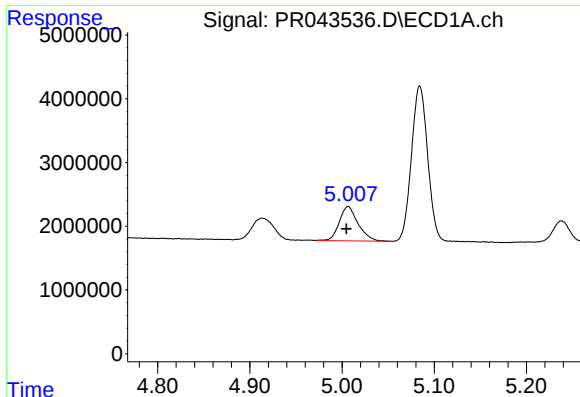
#8 AR-1221-1

R.T.: 4.914 min
Delta R.T.: -0.005 min
Response: 5576115
Conc: 97.20 ng/ml



#8 AR-1221-1

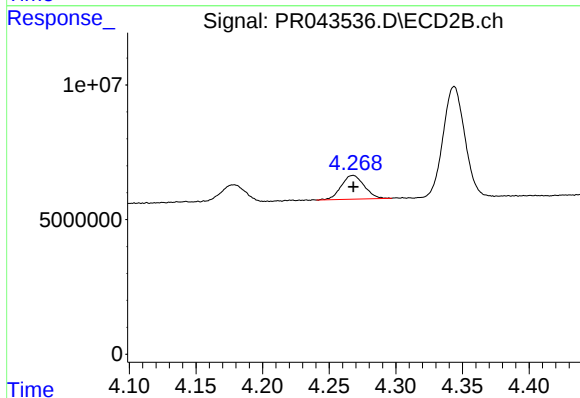
R.T.: 4.179 min
Delta R.T.: -0.001 min
Response: 7889369
Conc: 92.54 ng/ml



#9 AR-1221-2

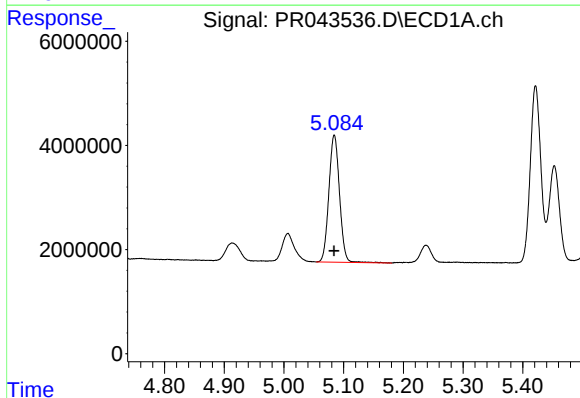
R.T.: 5.007 min
Delta R.T.: 0.002 min
Response: 7657712
Conc: 187.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



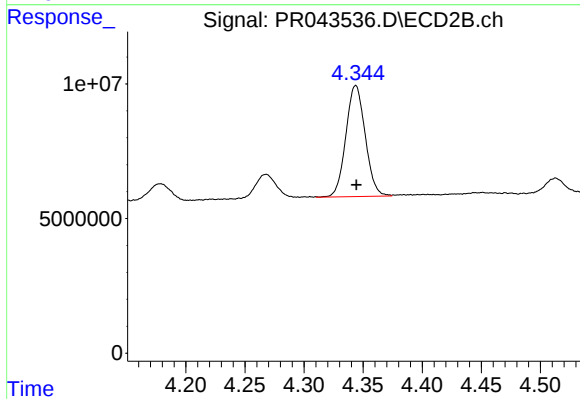
#9 AR-1221-2

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 10588976
Conc: 172.97 ng/ml



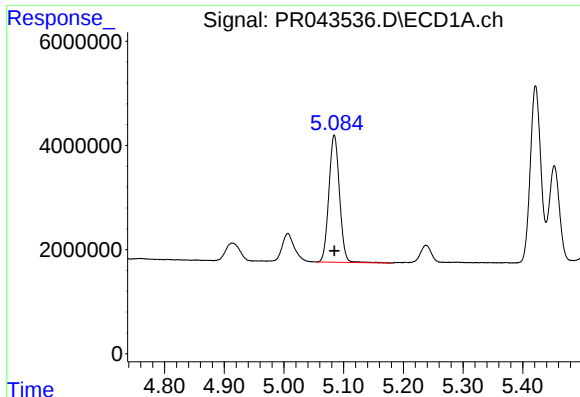
#10 AR-1221-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 30238563
Conc: 220.01 ng/ml



#10 AR-1221-3

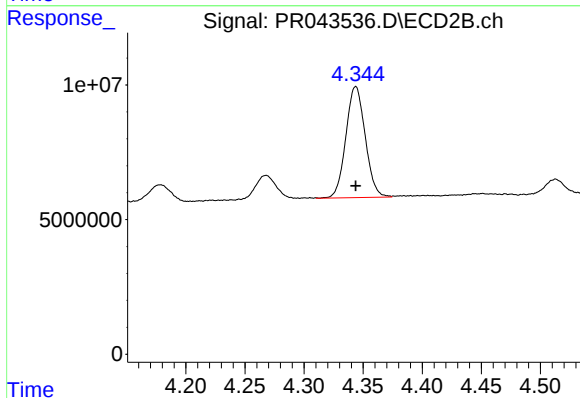
R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 46977096
Conc: 215.03 ng/ml



#11 AR-1232-1

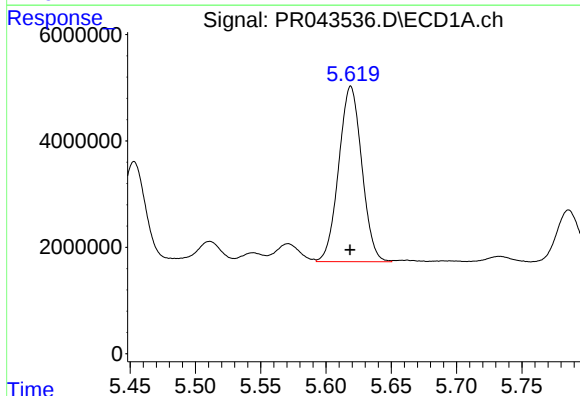
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 30238563
Conc: 281.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



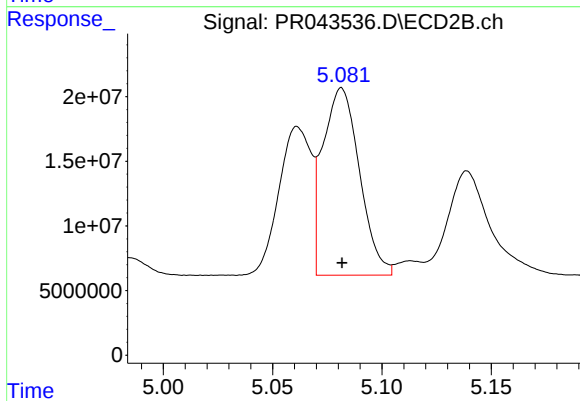
#11 AR-1232-1

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 46977096
Conc: 278.48 ng/ml



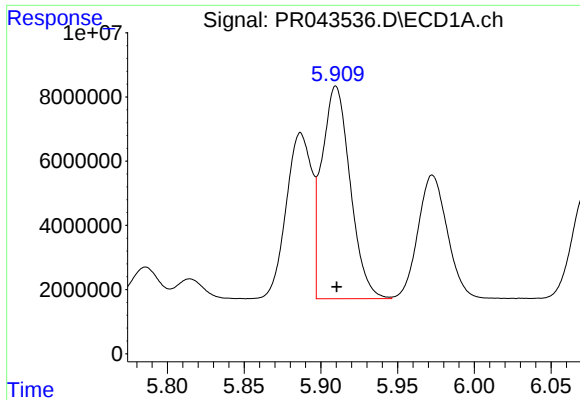
#12 AR-1232-2

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 40565536
Conc: 732.95 ng/ml



#12 AR-1232-2

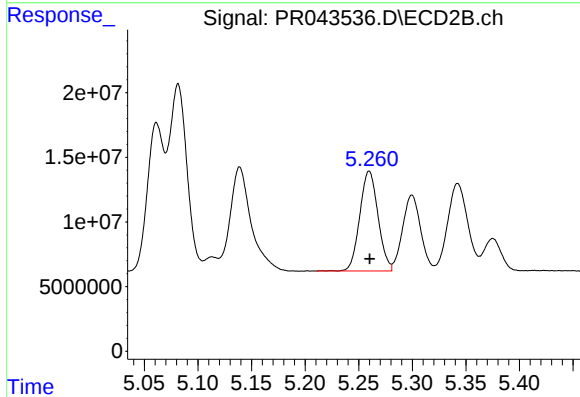
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 169093512
Conc: 724.65 ng/ml



#13 AR-1232-3

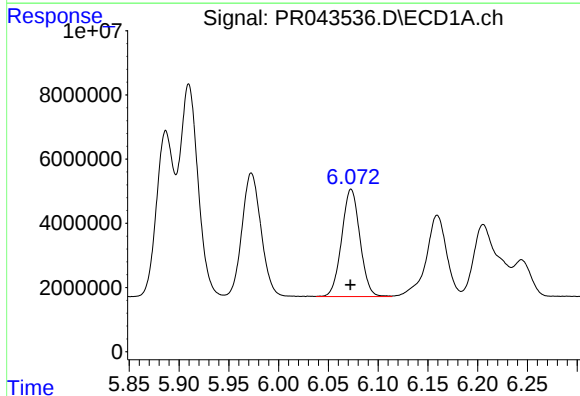
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 85139364
Conc: 750.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



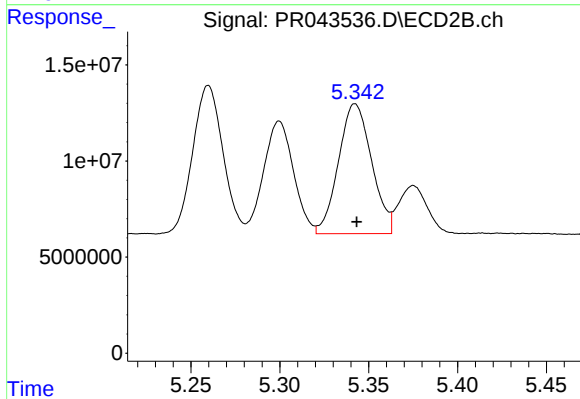
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 91306154
Conc: 746.13 ng/ml



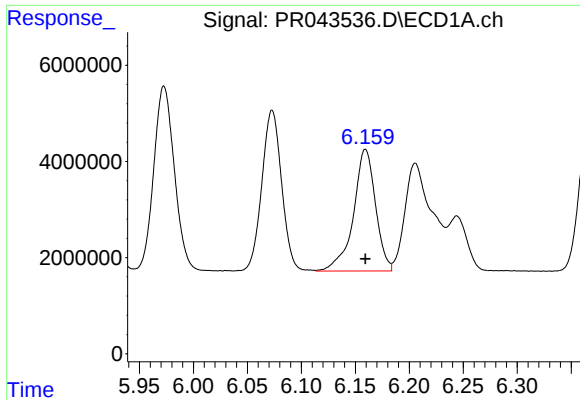
#14 AR-1232-4

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 42689767
Conc: 734.45 ng/ml



#14 AR-1232-4

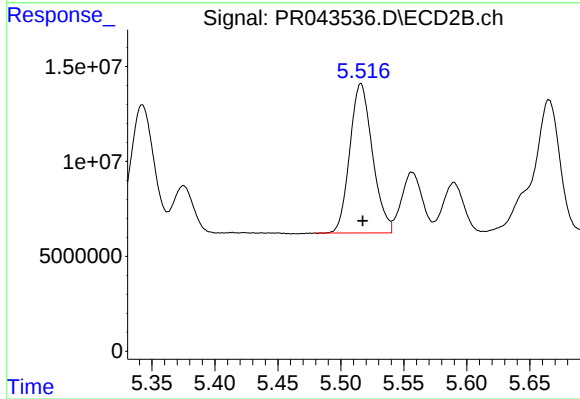
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 87803648
Conc: 827.16 ng/ml



#15 AR-1232-5

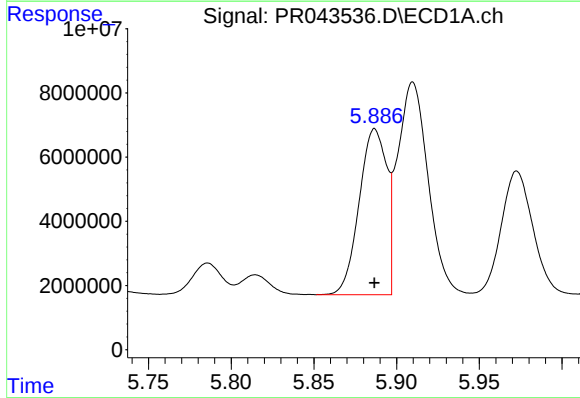
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 36093310
Conc: 808.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



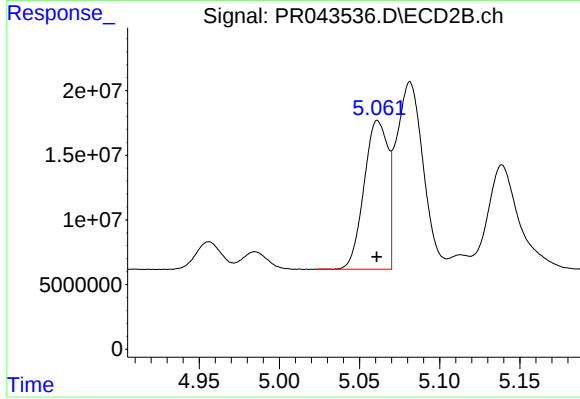
#15 AR-1232-5

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 98333197
Conc: 821.23 ng/ml



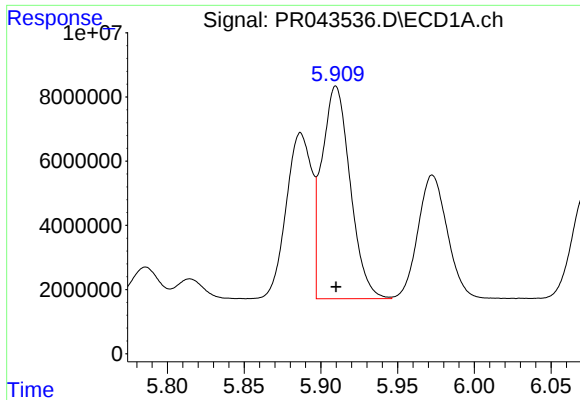
#16 AR-1242-1

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 59925495
Conc: 368.65 ng/ml



#16 AR-1242-1

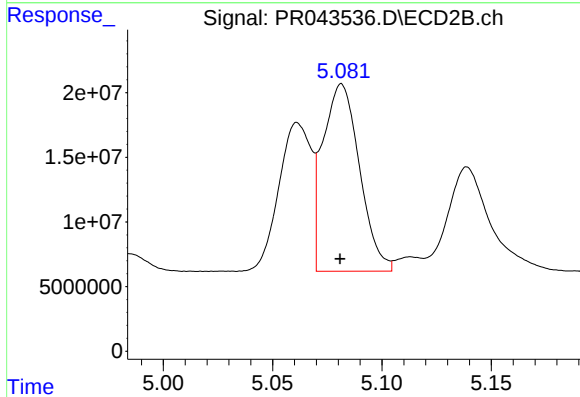
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 118767098
Conc: 359.20 ng/ml



#17 AR-1242-2

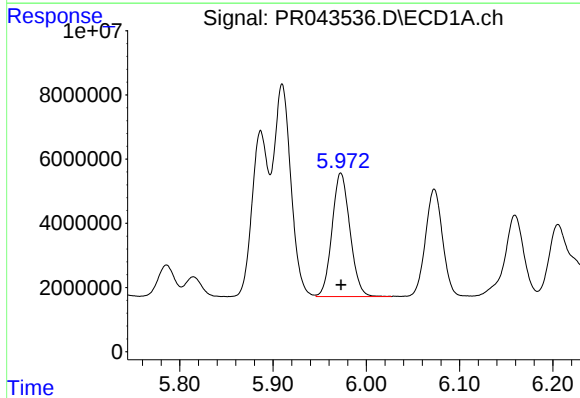
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 85139364
Conc: 373.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



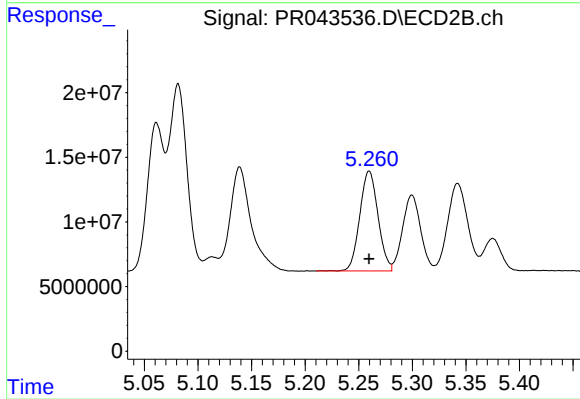
#17 AR-1242-2

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 169093512
Conc: 369.89 ng/ml



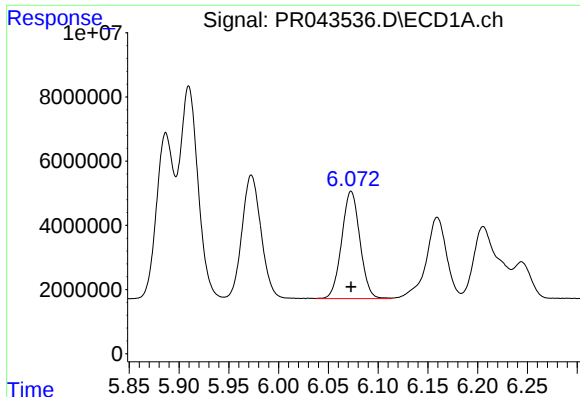
#18 AR-1242-3

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 51386163
Conc: 373.58 ng/ml



#18 AR-1242-3

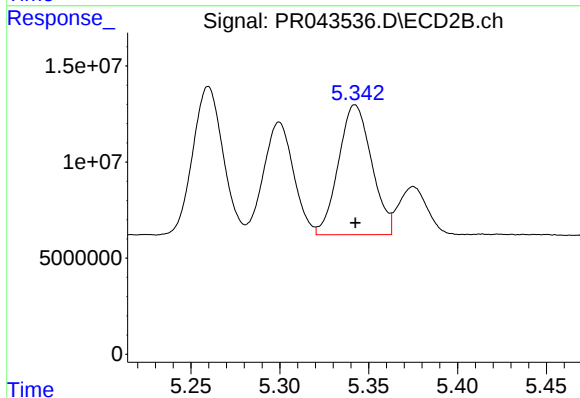
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 91306154
Conc: 374.64 ng/ml



#19 AR-1242-4

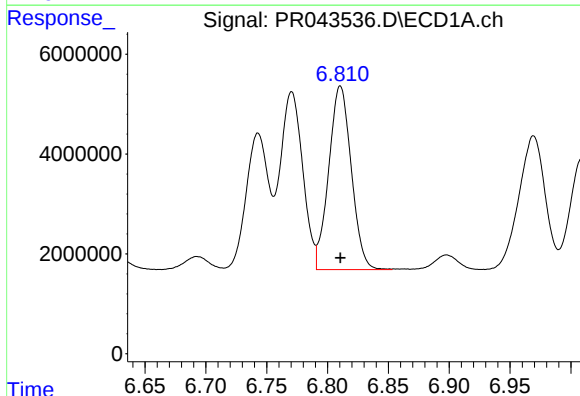
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 42689767
Conc: 371.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



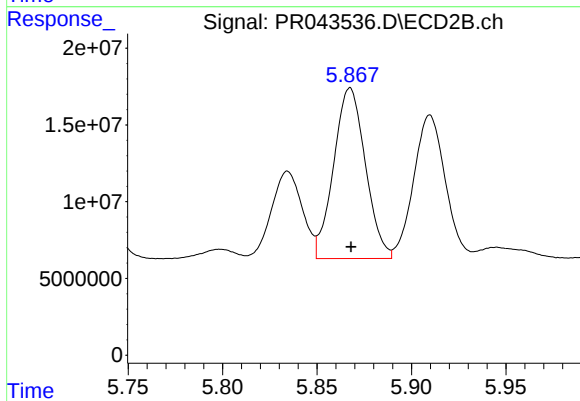
#19 AR-1242-4

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 87803648
Conc: 372.72 ng/ml



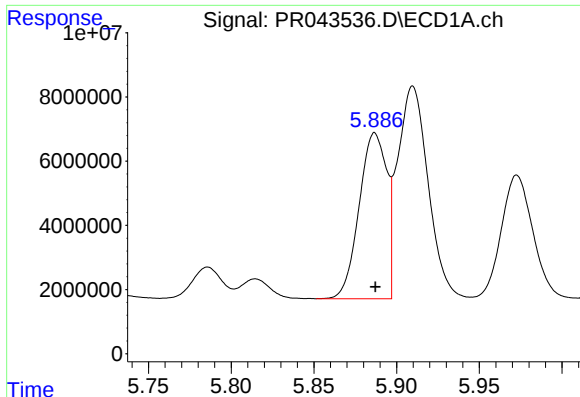
#20 AR-1242-5

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 47490711
Conc: 373.36 ng/ml



#20 AR-1242-5

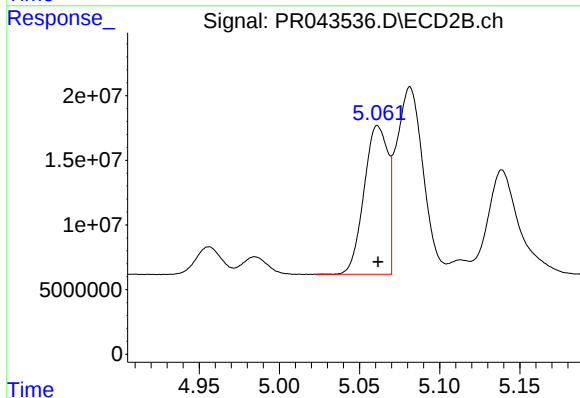
R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 130308635
Conc: 382.26 ng/ml



#21 AR-1248-1

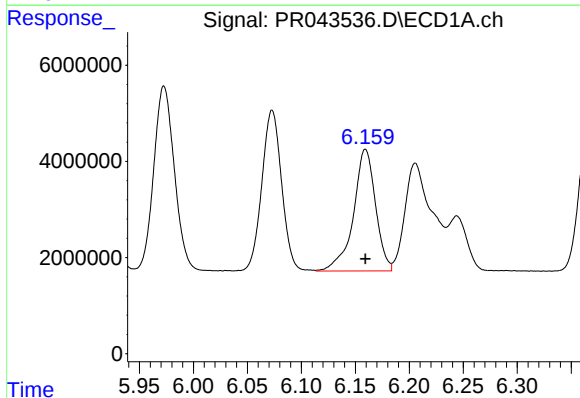
R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 59925495
Conc: 504.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



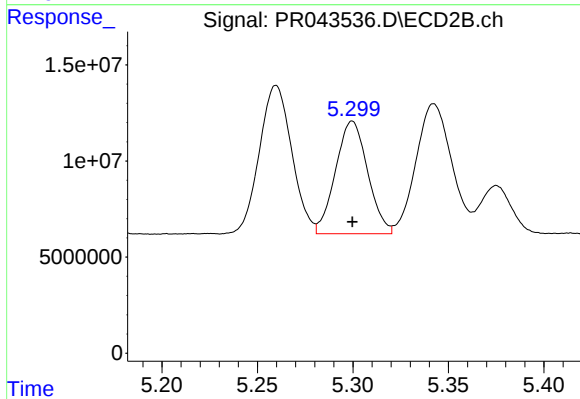
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 118767098
Conc: 485.36 ng/ml



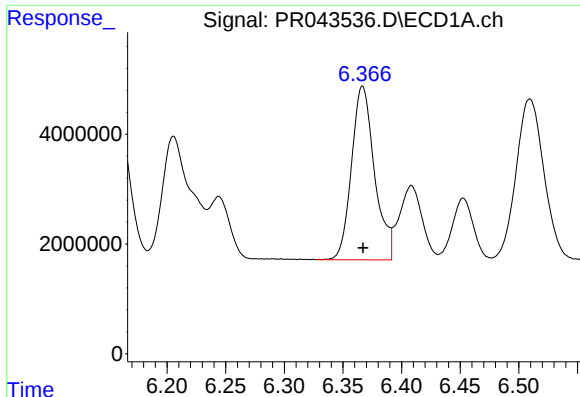
#22 AR-1248-2

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 36093310
Conc: 221.54 ng/ml



#22 AR-1248-2

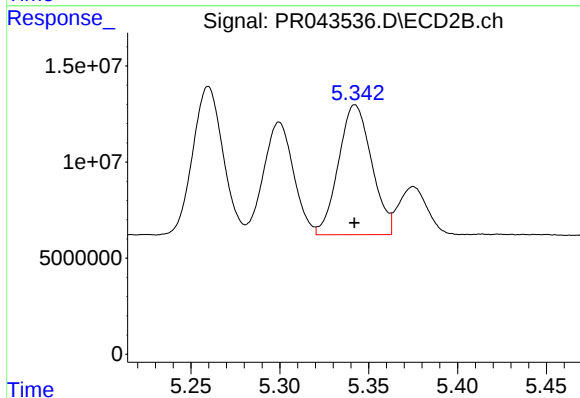
R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 68645295
Conc: 211.69 ng/ml



#23 AR-1248-3

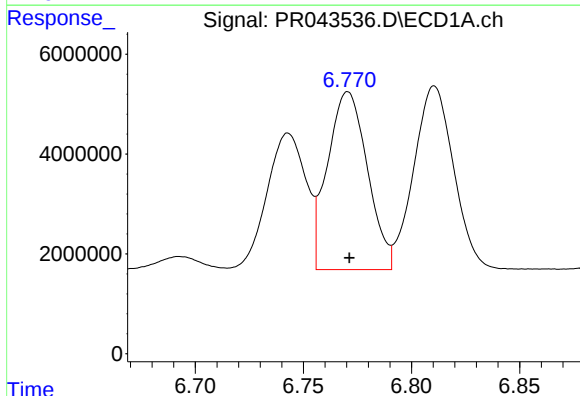
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 43165373
Conc: 237.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



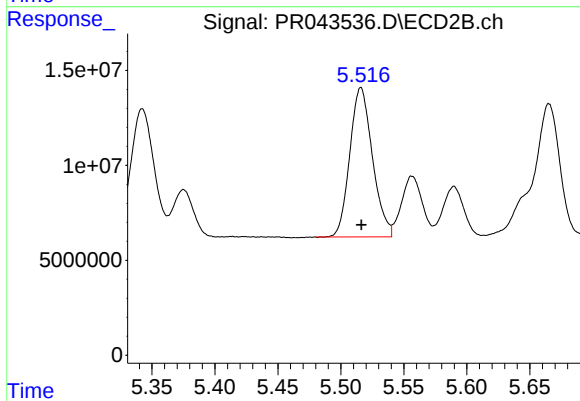
#23 AR-1248-3

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 87803648
Conc: 266.60 ng/ml



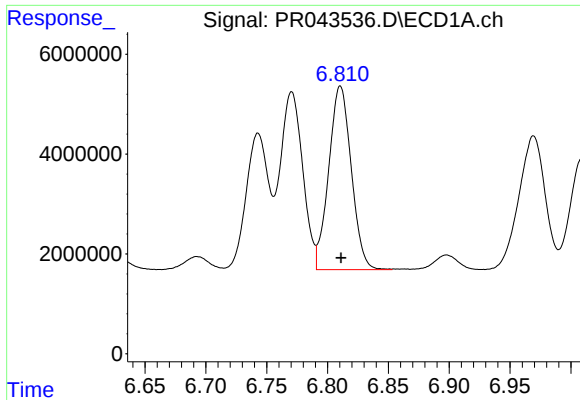
#24 AR-1248-4

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 45705481
Conc: 218.33 ng/ml



#24 AR-1248-4

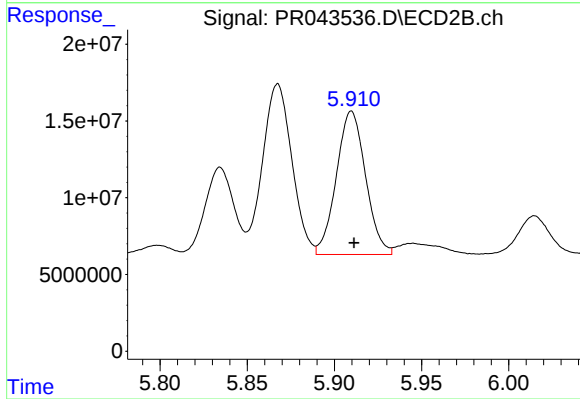
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 98333197
Conc: 237.18 ng/ml



#25 AR-1248-5

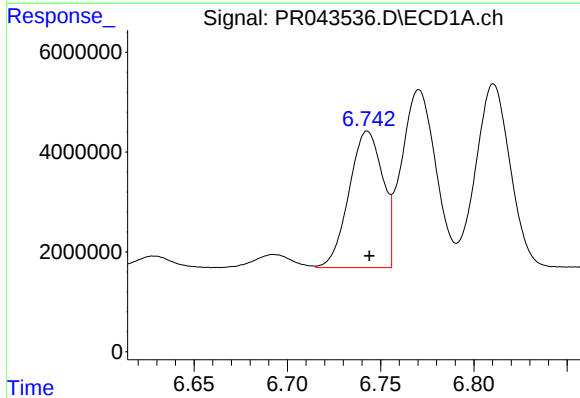
R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 47490711
Conc: 239.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



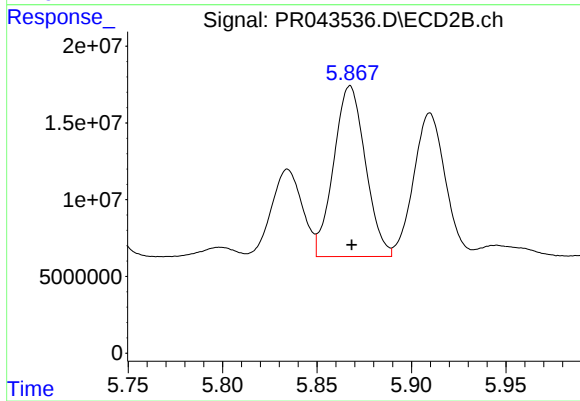
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 109054485
Conc: 245.37 ng/ml



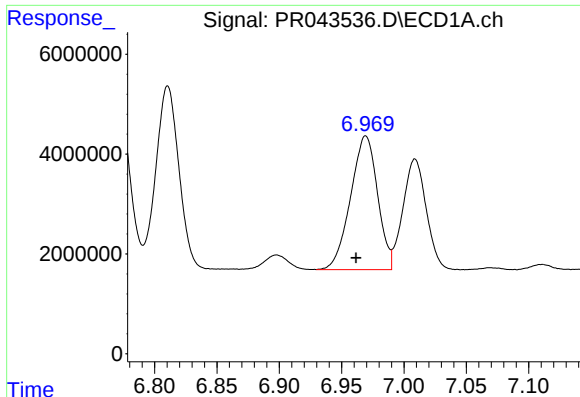
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 34358374
Conc: 157.20 ng/ml



#26 AR-1254-1

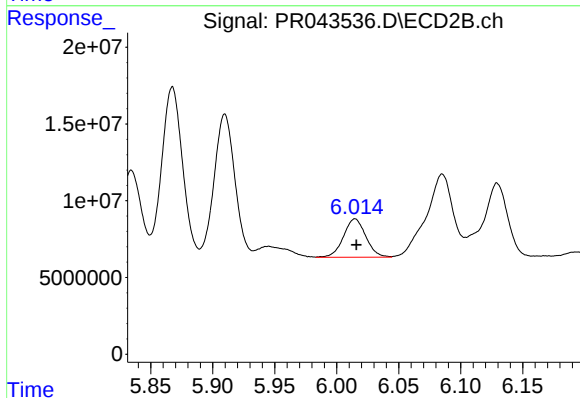
R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 130308635
Conc: 182.90 ng/ml



#27 AR-1254-2

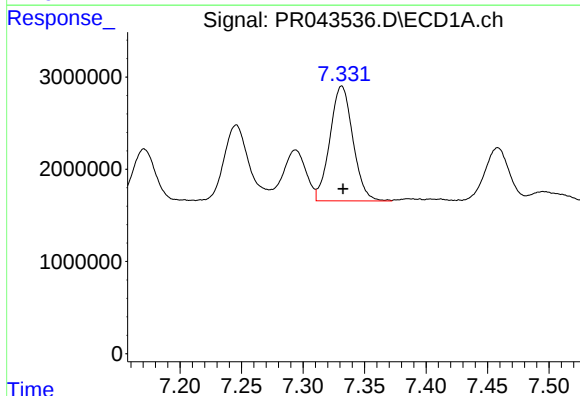
R.T.: 6.969 min
Delta R.T.: 0.008 min
Response: 40417635
Conc: 119.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



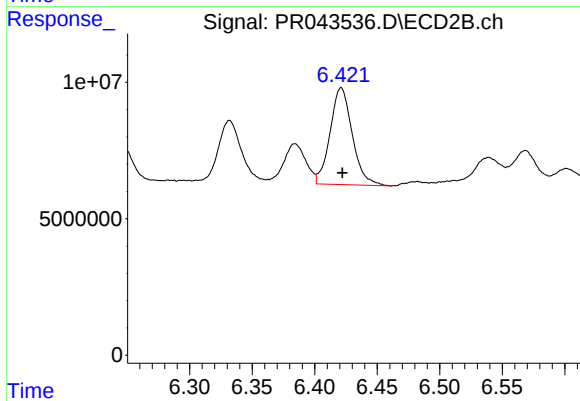
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 31393226
Conc: 49.08 ng/ml



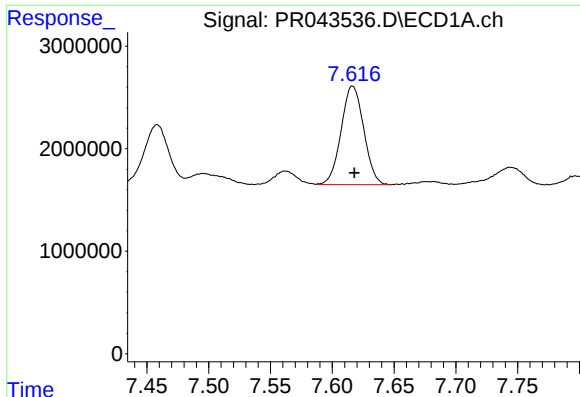
#28 AR-1254-3

R.T.: 7.331 min
Delta R.T.: -0.001 min
Response: 16238101
Conc: 46.42 ng/ml



#28 AR-1254-3

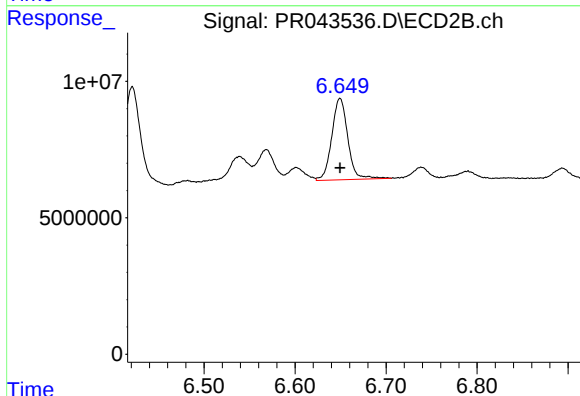
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 43968139
Conc: 43.43 ng/ml



#29 AR-1254-4

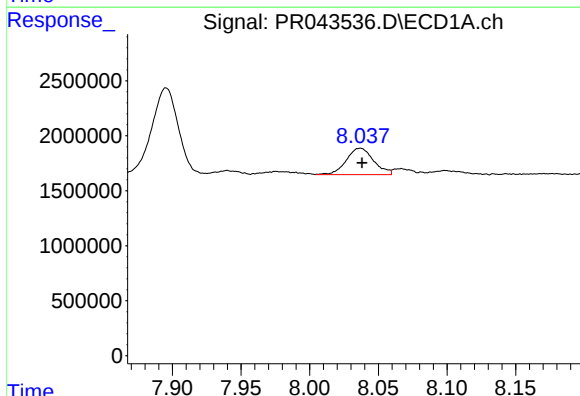
R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 12234535
Conc: 48.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



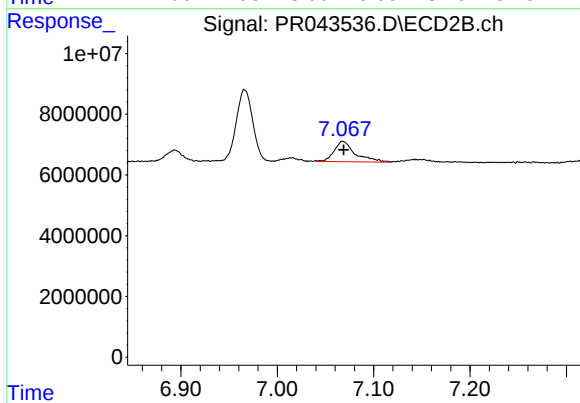
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 36619135
Conc: 50.85 ng/ml



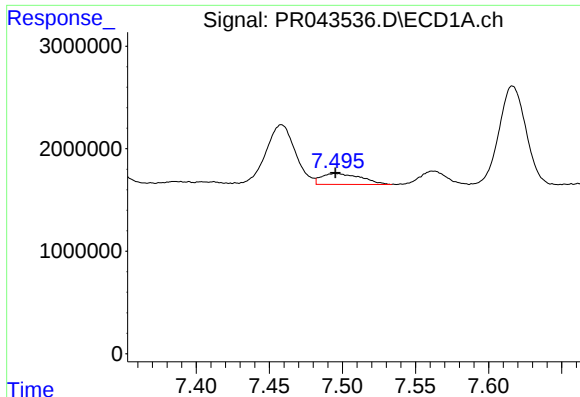
#30 AR-1254-5

R.T.: 8.037 min
Delta R.T.: -0.001 min
Response: 3321282
Conc: 12.89 ng/ml



#30 AR-1254-5

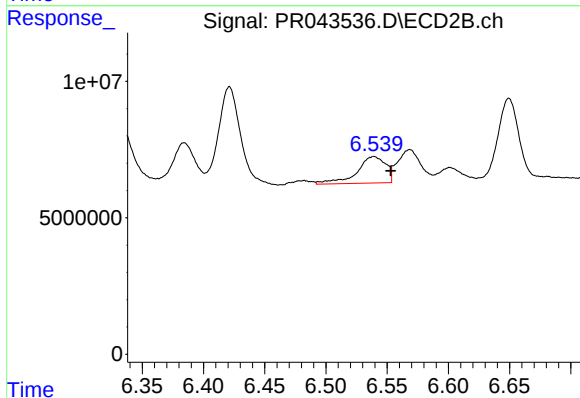
R.T.: 7.068 min
Delta R.T.: -0.001 min
Response: 10259273
Conc: 12.04 ng/ml



#31 AR-1260-1

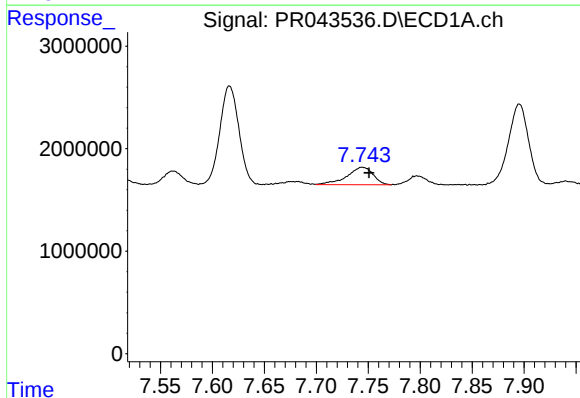
R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 2004045
Conc: 8.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



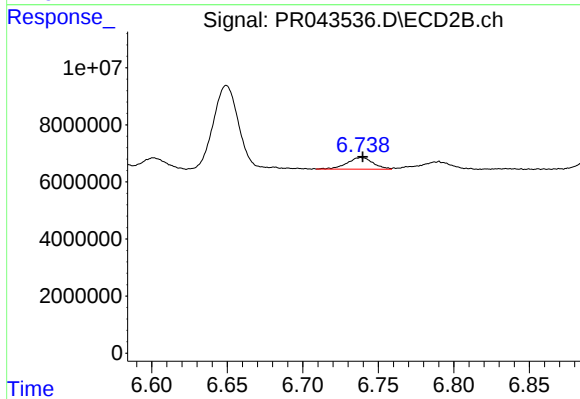
#31 AR-1260-1

R.T.: 6.539 min
Delta R.T.: -0.014 min
Response: 16033347
Conc: 23.67 ng/ml



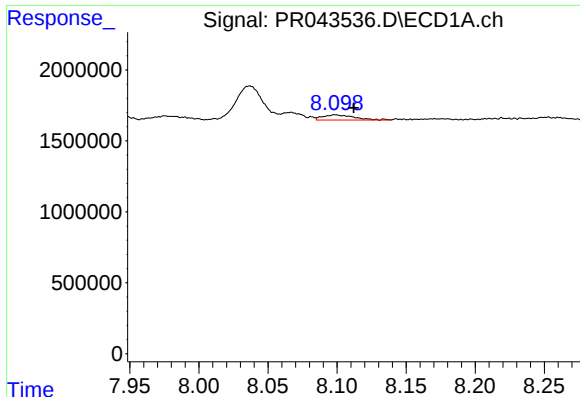
#32 AR-1260-2

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 3007928
Conc: 10.12 ng/ml



#32 AR-1260-2

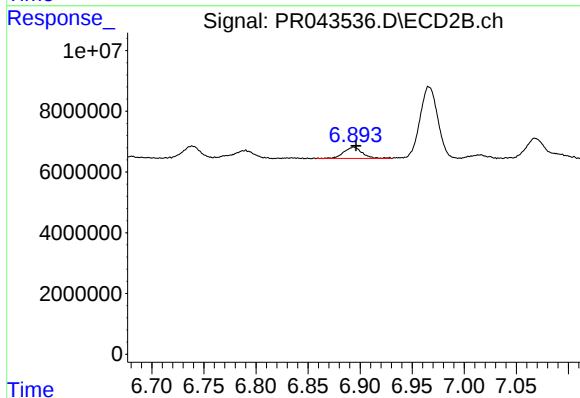
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 4945436
Conc: 5.10 ng/ml



#33 AR-1260-3

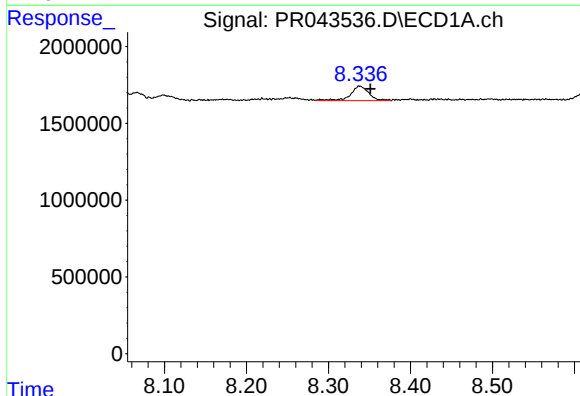
R.T.: 8.099 min
Delta R.T.: -0.013 min
Response: 574552
Conc: 2.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



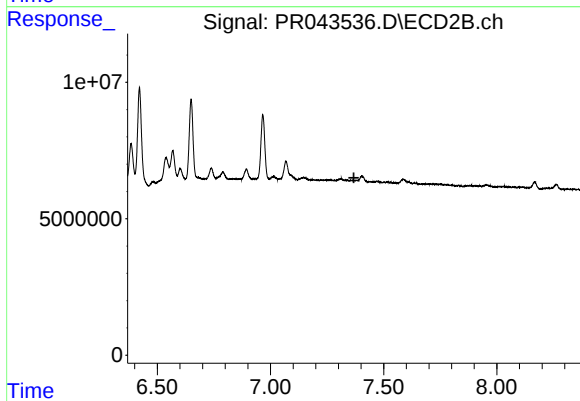
#33 AR-1260-3

R.T.: 6.894 min
Delta R.T.: -0.002 min
Response: 4544671
Conc: 5.82 ng/ml



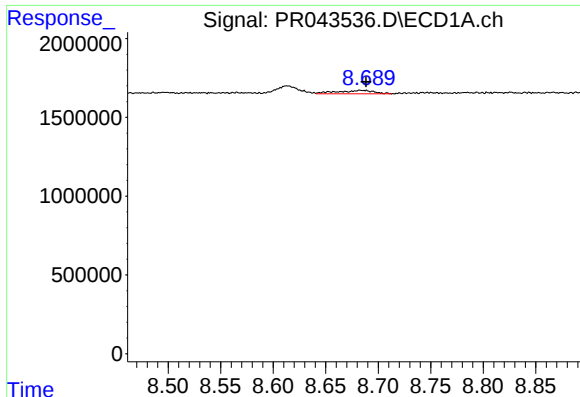
#34 AR-1260-4

R.T.: 8.338 min
Delta R.T.: -0.013 min
Response: 1495982
Conc: 5.95 ng/ml



#34 AR-1260-4

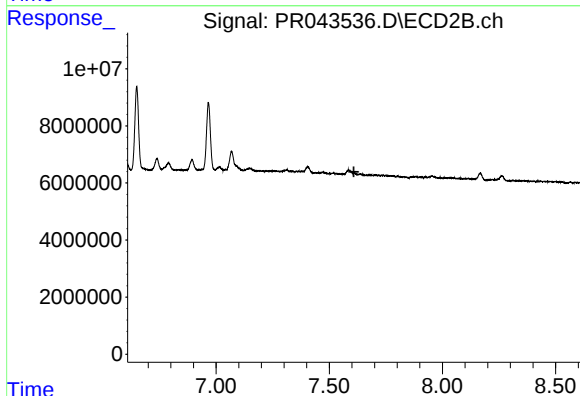
R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.



#35 AR-1260-5

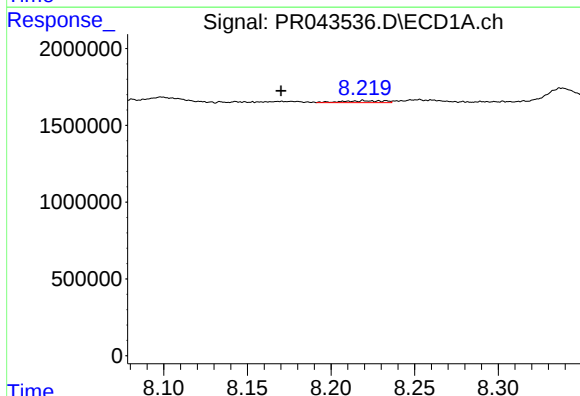
R.T.: 8.683 min
Delta R.T.: -0.006 min
Response: 533054
Conc: 1.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



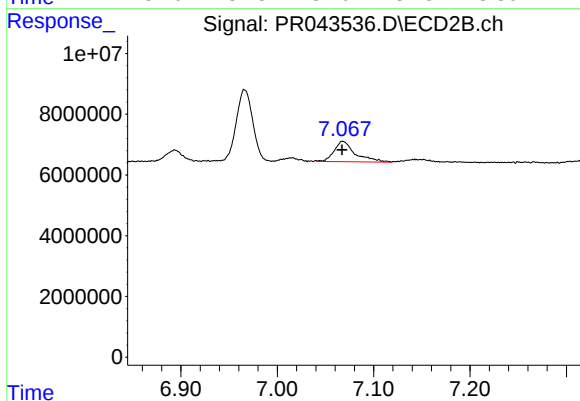
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.609 min
Response: 0
Conc: N.D.



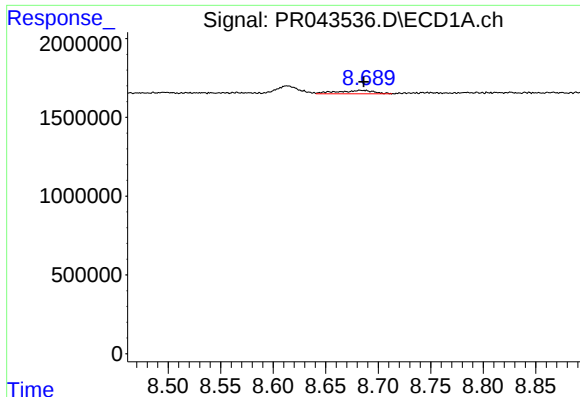
#36 AR-1262-1

R.T.: 8.220 min
Delta R.T.: 0.049 min
Response: 227786
Conc: 1.71 ng/ml



#36 AR-1262-1

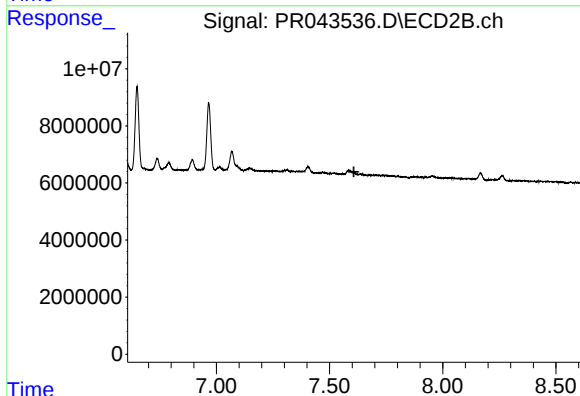
R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 10259273
Conc: 20.75 ng/ml



#37 AR-1262-2

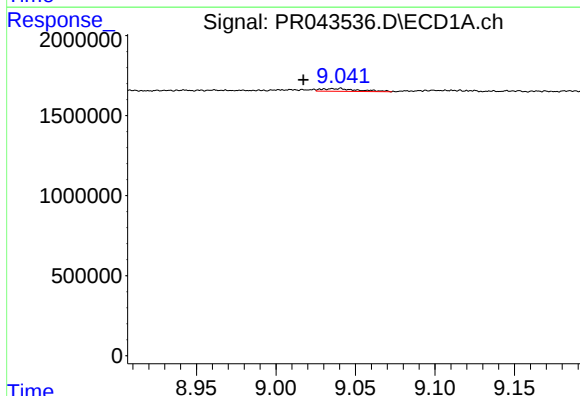
R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 533054
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



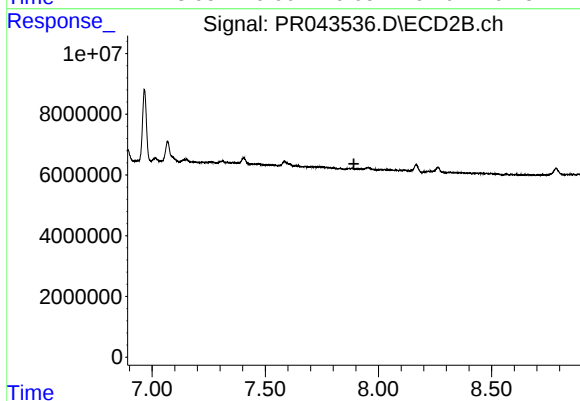
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.607 min
Response: 0
Conc: N.D.



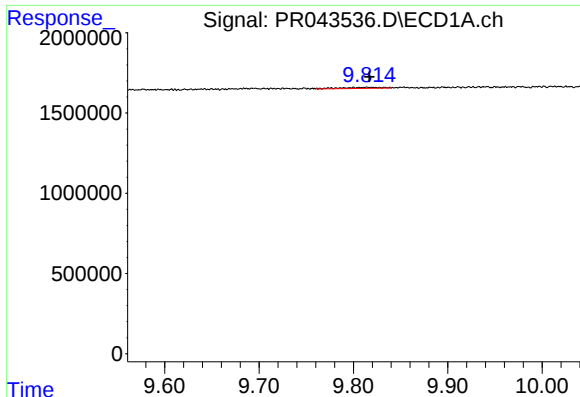
#38 AR-1262-3

R.T.: 9.041 min
Delta R.T.: 0.024 min
Response: 278552
Conc: 0.77 ng/ml



#38 AR-1262-3

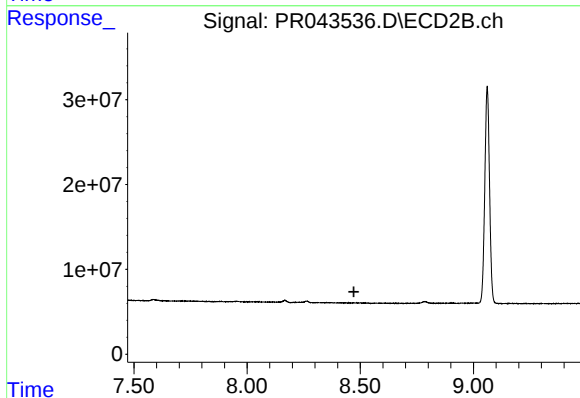
R.T.: 0.000 min
Exp R.T. : 7.892 min
Response: 0
Conc: N.D.



#40 AR-1262-5

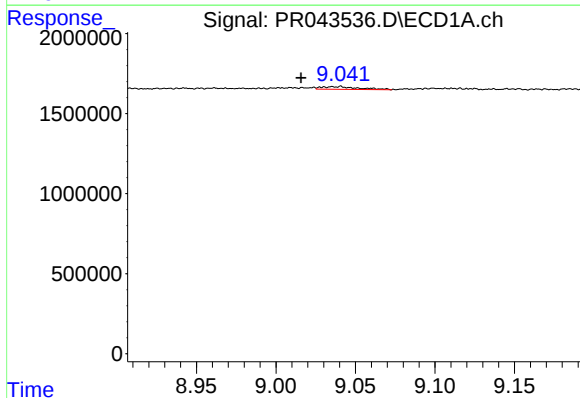
R.T.: 9.800 min
Delta R.T.: -0.017 min
Response: 209273
Conc: 1.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



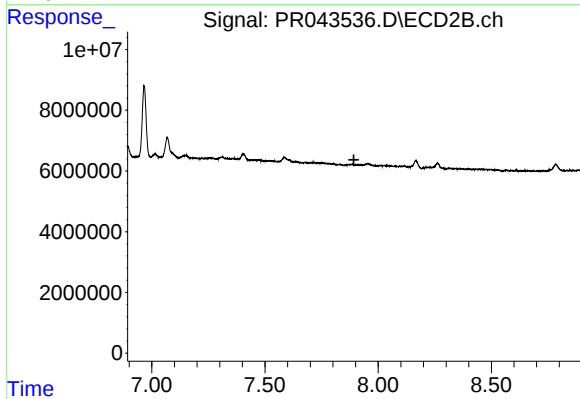
#40 AR-1262-5

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



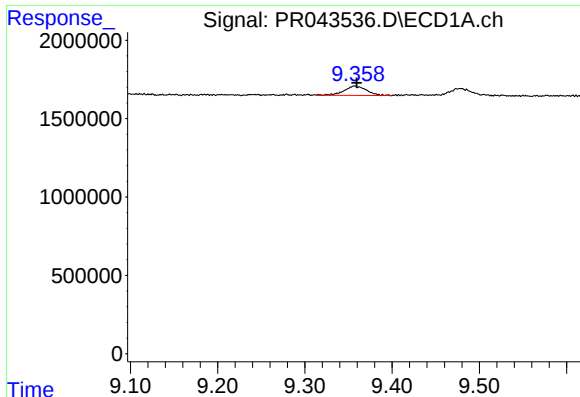
#41 AR-1268-1

R.T.: 9.041 min
Delta R.T.: 0.025 min
Response: 278552
Conc: 0.44 ng/ml



#41 AR-1268-1

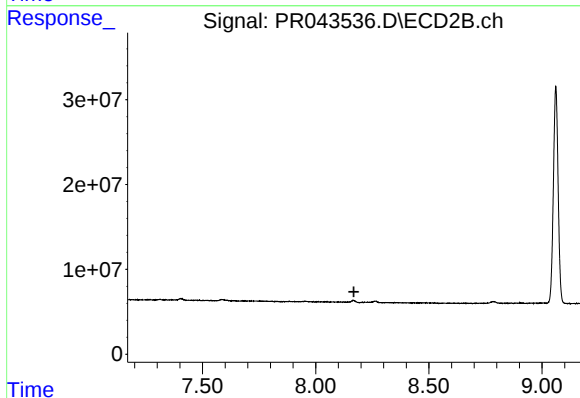
R.T.: 0.000 min
Exp R.T. : 7.893 min
Response: 0
Conc: N.D.



#43 AR-1268-3

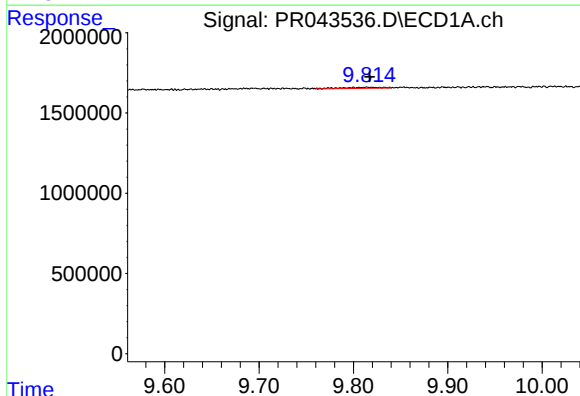
R.T.: 9.357 min
Delta R.T.: -0.002 min
Response: 1067159
Conc: 2.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



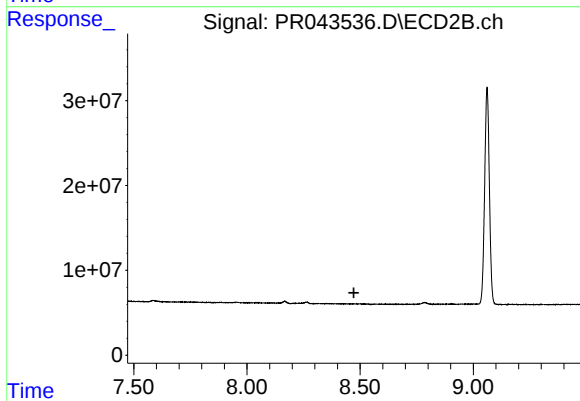
#43 AR-1268-3

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



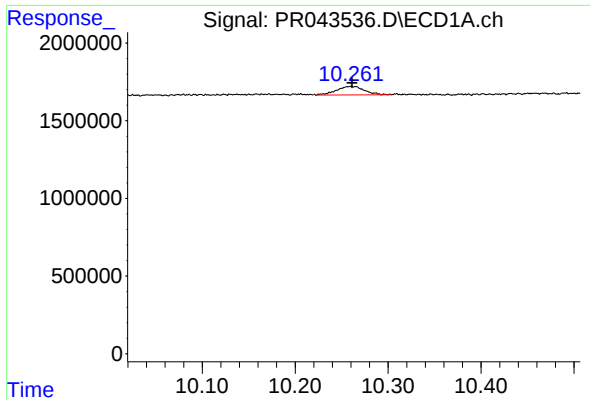
#44 AR-1268-4

R.T.: 9.800 min
Delta R.T.: -0.017 min
Response: 209273
Conc: 1.02 ng/ml



#44 AR-1268-4

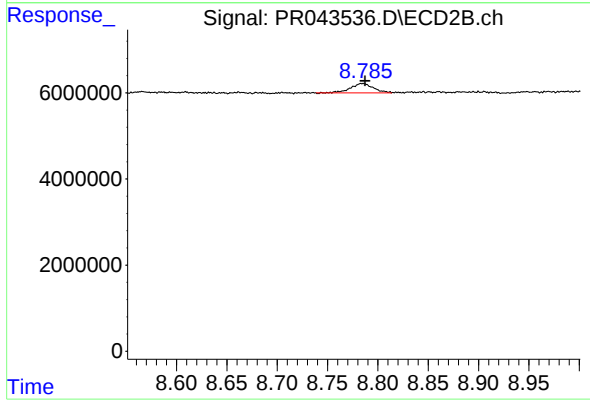
R.T.: 0.000 min
Exp R.T. : 8.472 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.260 min
Delta R.T.: 0.000 min
Response: 1138679
Conc: 0.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.785 min
Delta R.T.: -0.002 min
Response: 3434126
Conc: 0.81 ng/ml