

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 :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 04:50:51 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	117.9E6	156.6E6	21.207	20.269
2)	SA Decachlor...	10.619	9.058	148.9E6	360.8E6	39.557	36.462
Target Compounds							
3)	L1 AR-1016-1	5.886	5.061	47704849	95425884	246.379	234.062
4)	L1 AR-1016-2	5.909	5.081	55562652	97457041	202.922	174.476
5)	L1 AR-1016-3	5.972	5.260	28059668	62656066	170.383	209.721
6)	L1 AR-1016-4	6.072	5.299	30655034	124.5E6	222.591	517.477 #
7)	L1 AR-1016-5	6.366	5.515	72472084	157.5E6	524.480	496.040
8)	L2 AR-1221-1	4.913	0.000	1113378	0	19.408	N.D. #
9)	L2 AR-1221-2	5.015	4.270	2785350	3505964	68.157	57.270
10)	L2 AR-1221-3	5.084	4.343	6625651	9788683	48.208	44.806
11)	L3 AR-1232-1	5.084	4.343	6625651	9788683	61.640	58.027
12)	L3 AR-1232-2	5.618	5.081	20859976	97457041	376.902	417.651
13)	L3 AR-1232-3	5.909	5.260	55562652	62656066	489.992	512.011
14)	L3 AR-1232-4	6.072	5.342	30655034	126.0E6	527.399	1187.001 #
15)	L3 AR-1232-5	6.158	5.515	65364470	157.5E6	1463.955	1315.416
16)	L4 AR-1242-1	5.886	5.061	47704849	95425884	293.467	288.611
17)	L4 AR-1242-2	5.909	5.081	55562652	97457041	243.570	213.185
18)	L4 AR-1242-3	5.972	5.260	28059668	62656066	203.997	257.087 #
19)	L4 AR-1242-4	6.072	5.342	30655034	126.0E6	267.058	534.864 #
20)	L4 AR-1242-5	6.809	5.867	76518290	242.1E6	601.561	710.048
21)	L5 AR-1248-1	5.886	5.061	47704849	95425884	401.918	389.971
22)	L5 AR-1248-2	6.158	5.299	65364470	124.5E6	401.200	383.847
23)	L5 AR-1248-3	6.366	5.342	72472084	126.0E6	399.137	382.583
24)	L5 AR-1248-4	6.770	5.515	80878015	157.5E6	386.351	379.903
25)	L5 AR-1248-5	6.809	5.909	76518290	163.8E6	385.414	368.509
26)	L6 AR-1254-1	6.742	5.867	62805194	242.1E6	287.345	339.737
27)	L6 AR-1254-2	6.968	6.015	79447872	71032236	235.603	111.051 #
28)	L6 AR-1254-3	7.330	6.421	42261893	107.5E6	120.826	106.153
29)	L6 AR-1254-4	7.616	6.649	27127486	84039106	108.562	116.708
30)	L6 AR-1254-5	8.035	7.067	7309257	17814028	28.364	20.911 #
31)	L7 AR-1260-1	7.493	6.542	5387712	20690971	21.621	30.541 #
32)	L7 AR-1260-2	7.744	6.737	7197329	13161974	24.225	13.585 #
33)	L7 AR-1260-3	8.105	6.893	2064956	12544916	9.321	16.064 #
34)	L7 AR-1260-4	8.339	7.365	3635338	3021838	14.453	4.763 #
35)	L7 AR-1260-5	8.683	7.605	2297467	8757229	4.764	5.145
36)	L8 AR-1262-1	8.168	7.067	555627	17814028	4.174	36.025 #
37)	L8 AR-1262-2	8.683	7.605	2297467	8757229	4.033	4.603
38)	L8 AR-1262-3	9.014	7.953f	946281	4329581	2.614	5.676 #
39)	L8 AR-1262-4	9.110	7.953	1128298	4329581	4.239	3.488
40)	L8 AR-1262-5	9.814	0.000	773137	0	4.106	N.D. #
41)	L9 AR-1268-1	9.014	7.953f	946281	4329581	1.479	2.017 #

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 Acq On : 05 Dec 2019 23:18
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

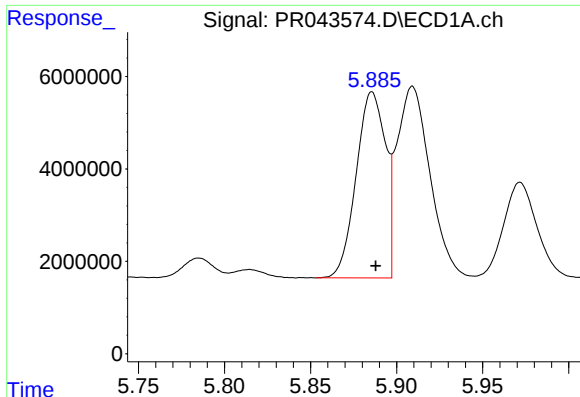
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 04:50:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
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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	1128298	4329581	1.958	2.386
43) L9	AR-1268-3	9.357	0.000	887306	0	1.885	N.D. #
44) L9	AR-1268-4	9.814	0.000	773137	0	3.784	N.D. #
45) L9	AR-1268-5	10.257	8.783	1509429	3390620	0.965	0.801

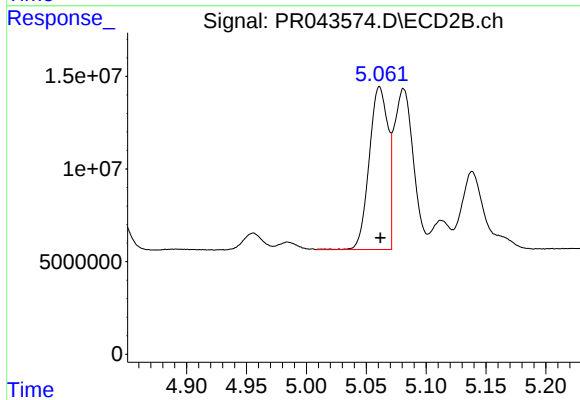
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

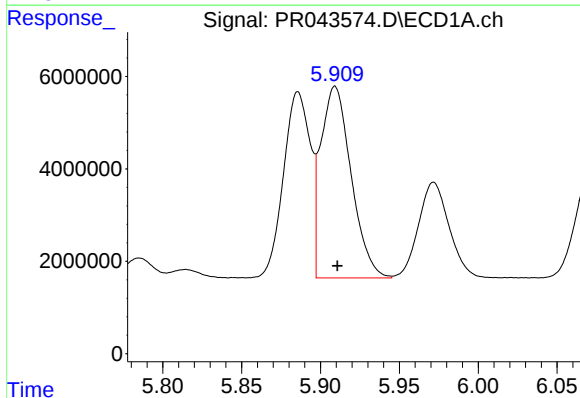
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 47704849
Conc: 246.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



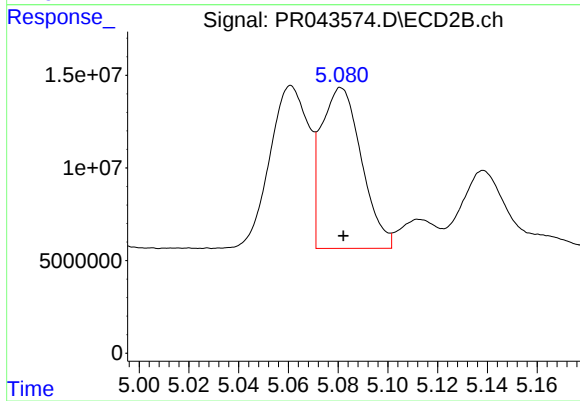
#3 AR-1016-1

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 95425884
Conc: 234.06 ng/ml



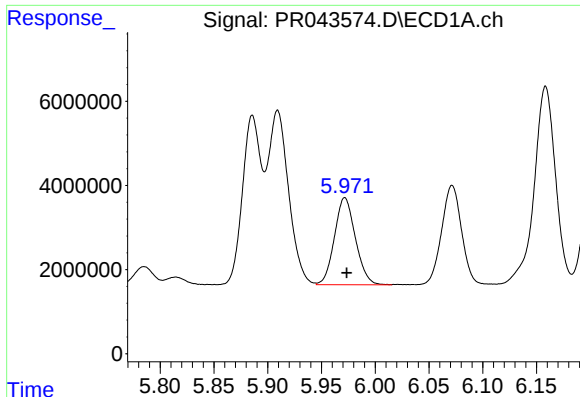
#4 AR-1016-2

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 55562652
Conc: 202.92 ng/ml



#4 AR-1016-2

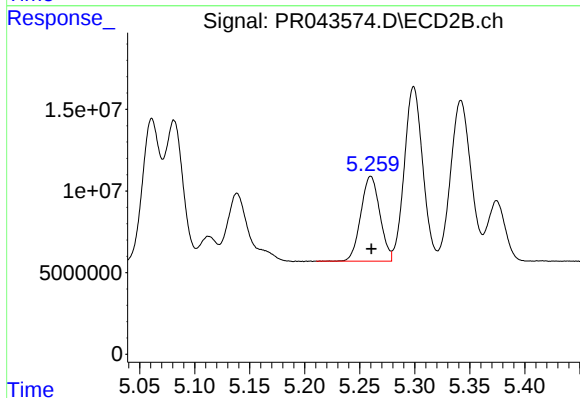
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 97457041
Conc: 174.48 ng/ml



#5 AR-1016-3

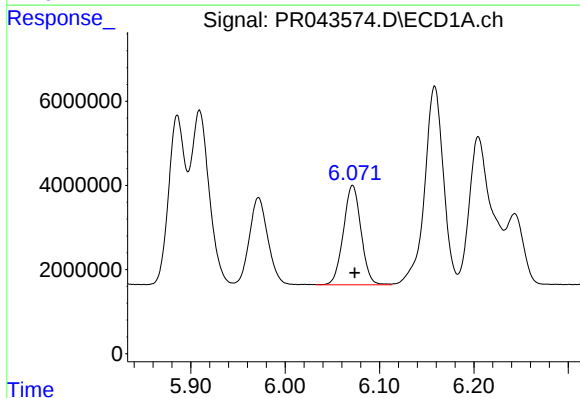
R.T.: 5.972 min
Delta R.T.: -0.002 min
Response: 28059668
Conc: 170.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



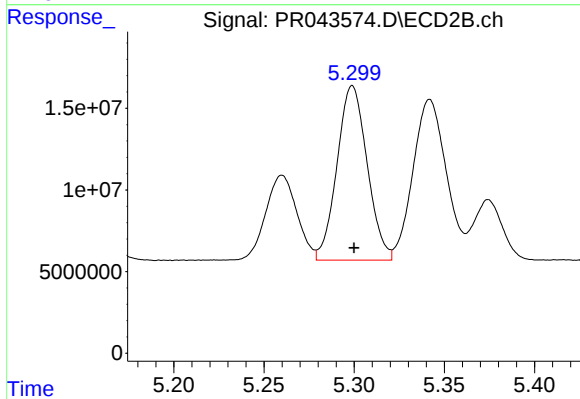
#5 AR-1016-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 62656066
Conc: 209.72 ng/ml



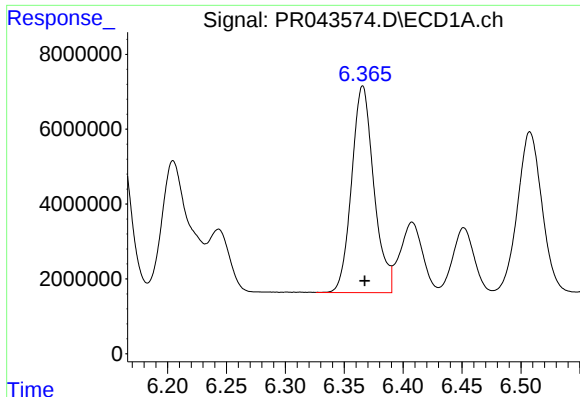
#6 AR-1016-4

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 30655034
Conc: 222.59 ng/ml



#6 AR-1016-4

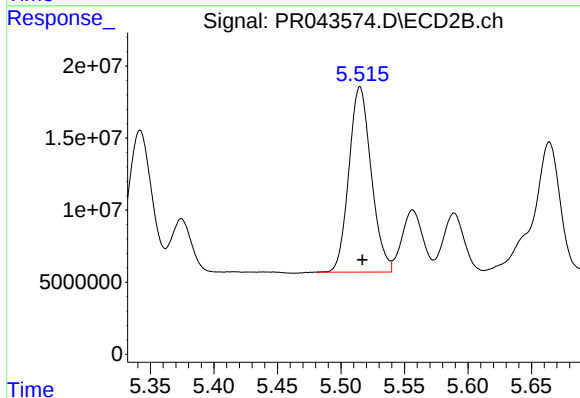
R.T.: 5.299 min
Delta R.T.: -0.001 min
Response: 124472218
Conc: 517.48 ng/ml



#7 AR-1016-5

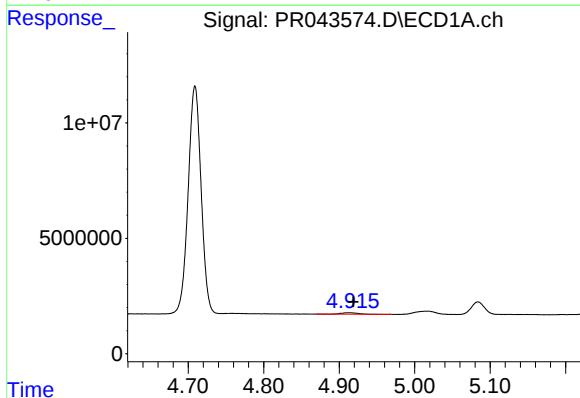
R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 72472084
Conc: 524.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



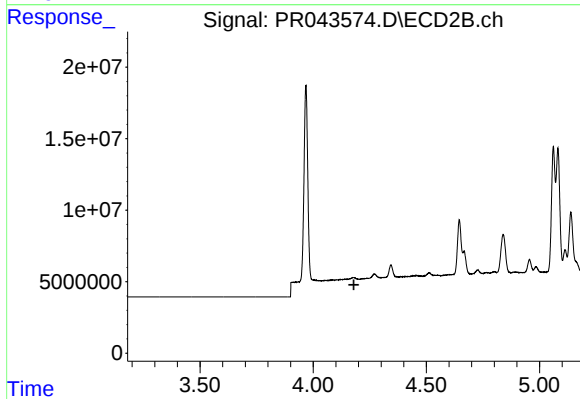
#7 AR-1016-5

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 157506418
Conc: 496.04 ng/ml



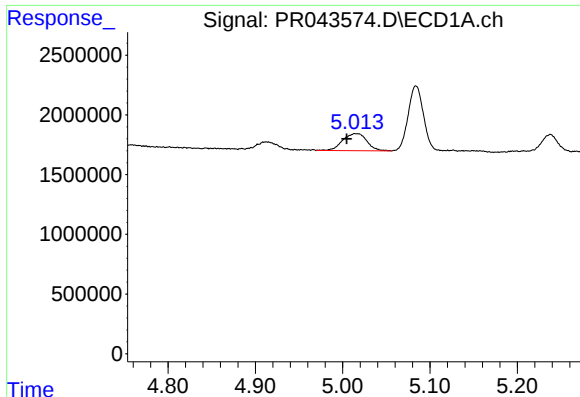
#8 AR-1221-1

R.T.: 4.913 min
Delta R.T.: -0.006 min
Response: 1113378
Conc: 19.41 ng/ml



#8 AR-1221-1

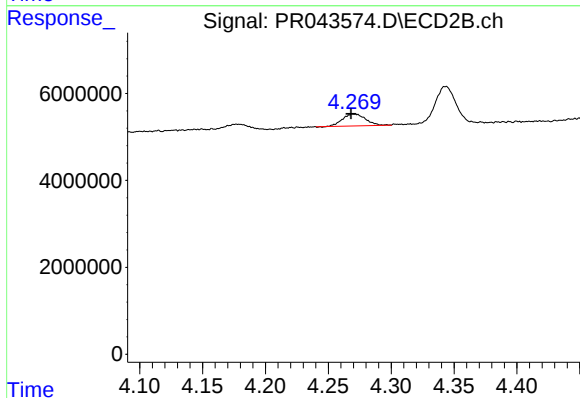
R.T.: 0.000 min
Exp R.T. : 4.180 min
Response: 0
Conc: N.D.



#9 AR-1221-2

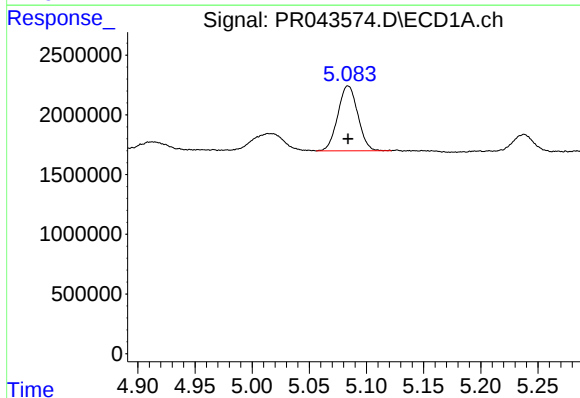
R.T.: 5.015 min
Delta R.T.: 0.010 min
Response: 2785350
Conc: 68.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



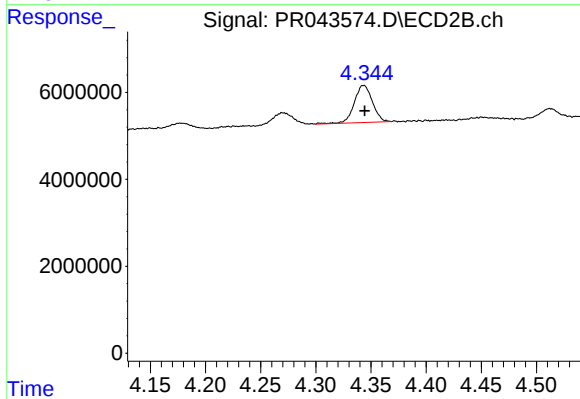
#9 AR-1221-2

R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 3505964
Conc: 57.27 ng/ml



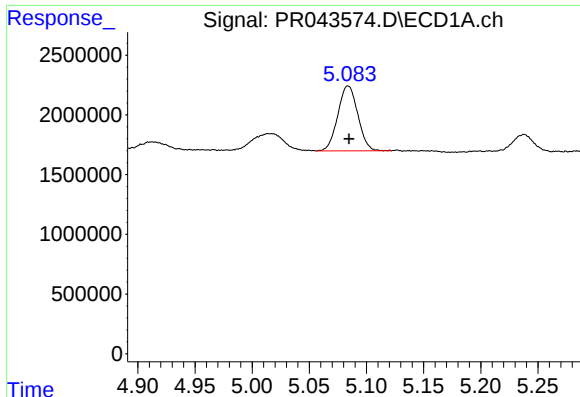
#10 AR-1221-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 6625651
Conc: 48.21 ng/ml



#10 AR-1221-3

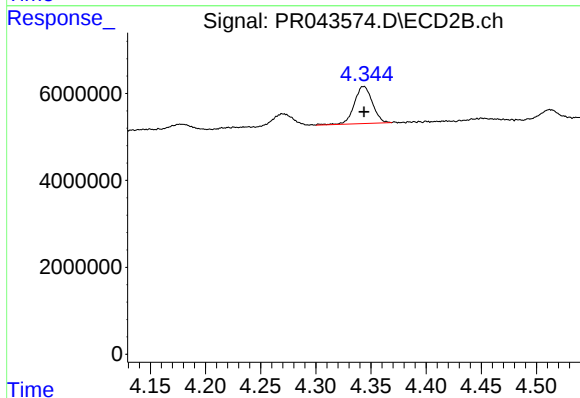
R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 9788683
Conc: 44.81 ng/ml



#11 AR-1232-1

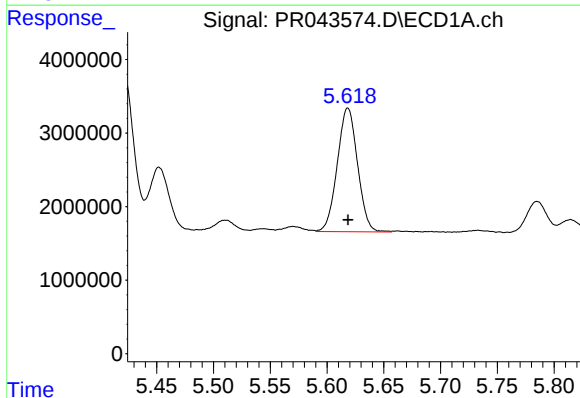
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 6625651
Conc: 61.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



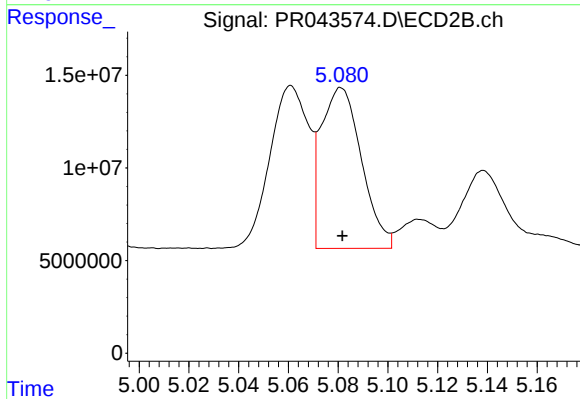
#11 AR-1232-1

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 9788683
Conc: 58.03 ng/ml



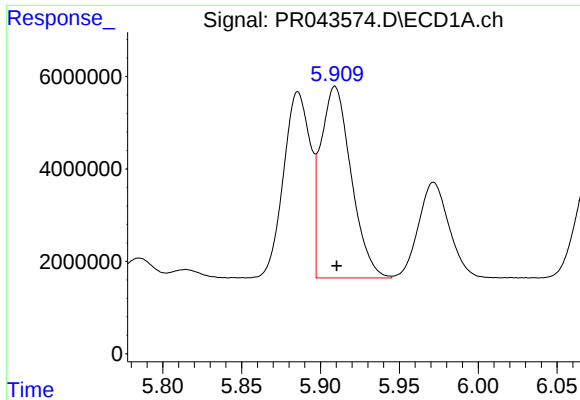
#12 AR-1232-2

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 20859976
Conc: 376.90 ng/ml



#12 AR-1232-2

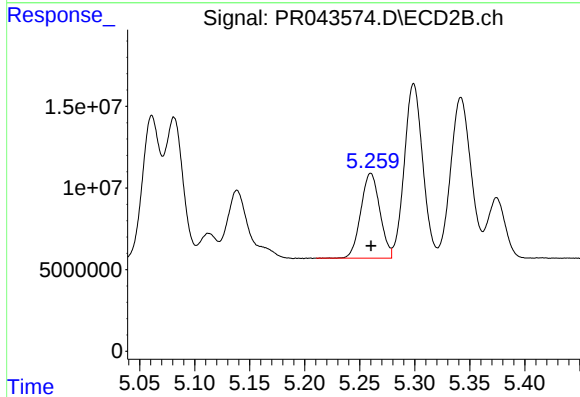
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 97457041
Conc: 417.65 ng/ml



#13 AR-1232-3

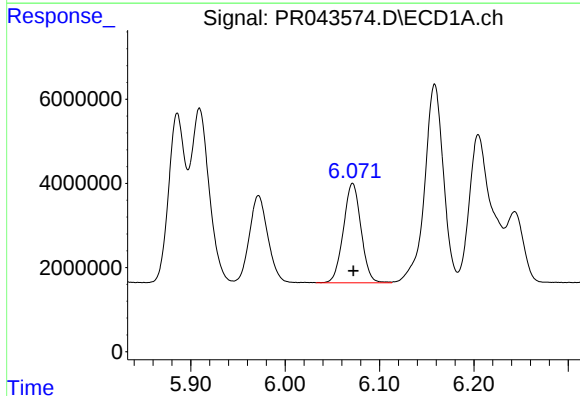
R.T.: 5.909 min
Delta R.T.: -0.001 min
Response: 55562652
Conc: 489.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



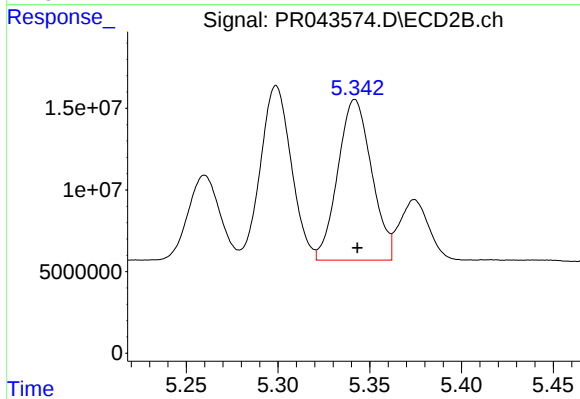
#13 AR-1232-3

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 62656066
Conc: 512.01 ng/ml



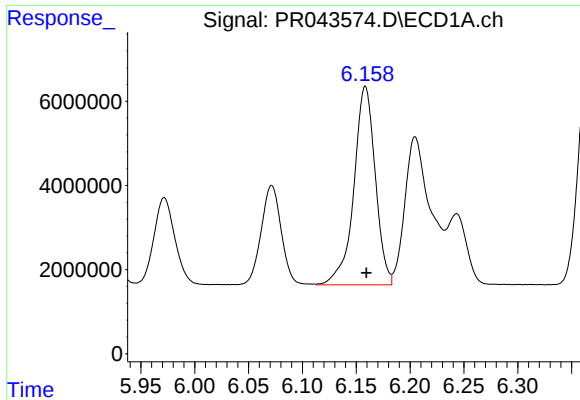
#14 AR-1232-4

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 30655034
Conc: 527.40 ng/ml



#14 AR-1232-4

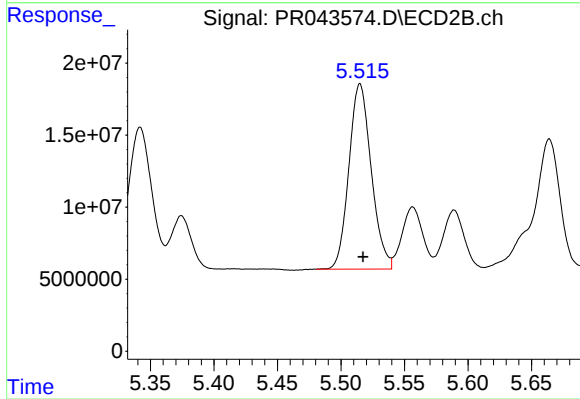
R.T.: 5.342 min
Delta R.T.: -0.001 min
Response: 126000764
Conc: 1187.00 ng/ml



#15 AR-1232-5

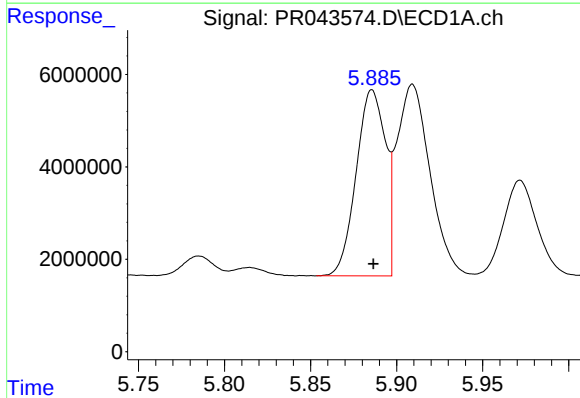
R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 65364470
Conc: 1463.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



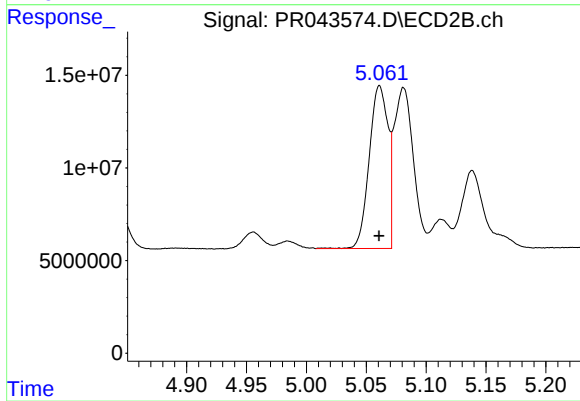
#15 AR-1232-5

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 157506418
Conc: 1315.42 ng/ml



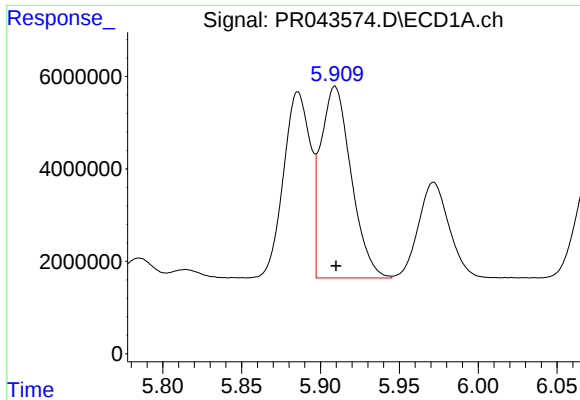
#16 AR-1242-1

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 47704849
Conc: 293.47 ng/ml



#16 AR-1242-1

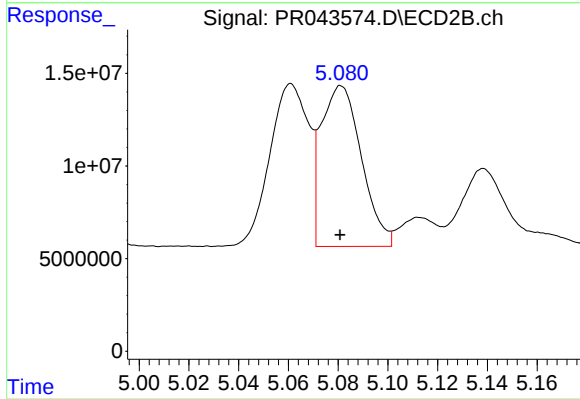
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 95425884
Conc: 288.61 ng/ml



#17 AR-1242-2

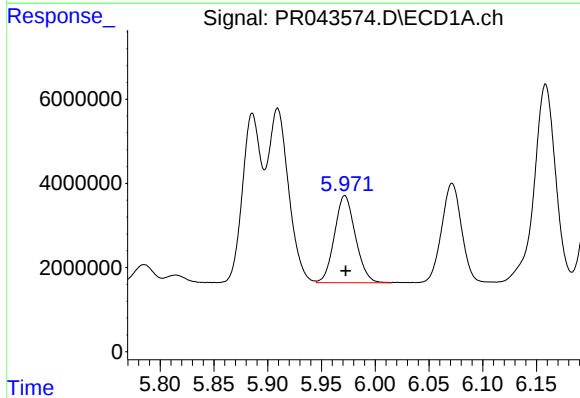
R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 55562652
Conc: 243.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



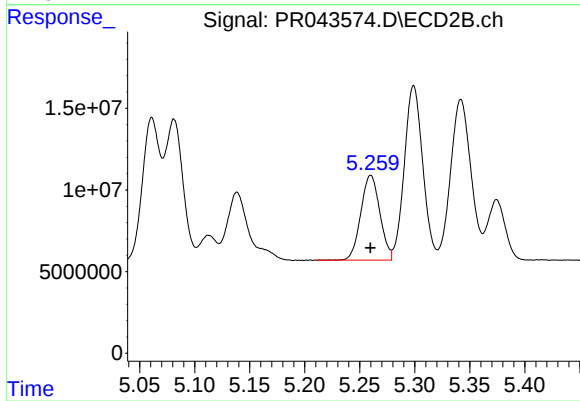
#17 AR-1242-2

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 97457041
Conc: 213.18 ng/ml



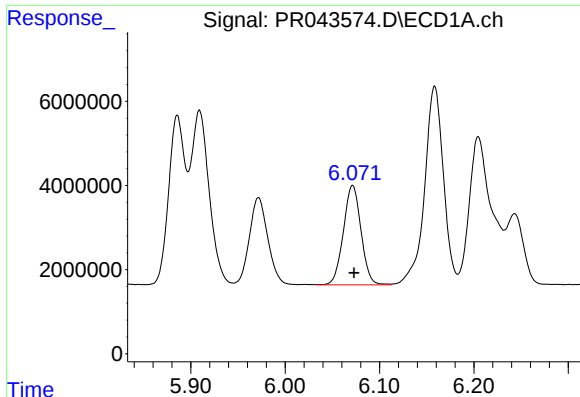
#18 AR-1242-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 28059668
Conc: 204.00 ng/ml



#18 AR-1242-3

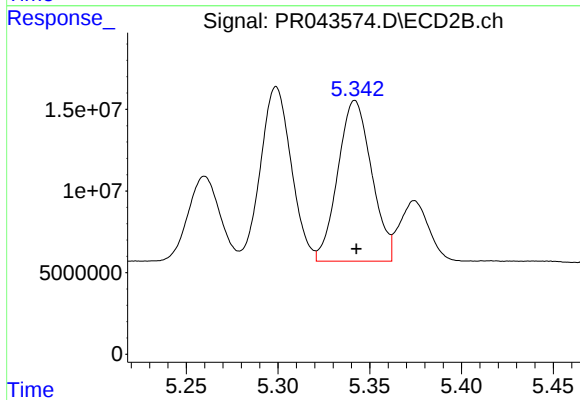
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 62656066
Conc: 257.09 ng/ml



#19 AR-1242-4

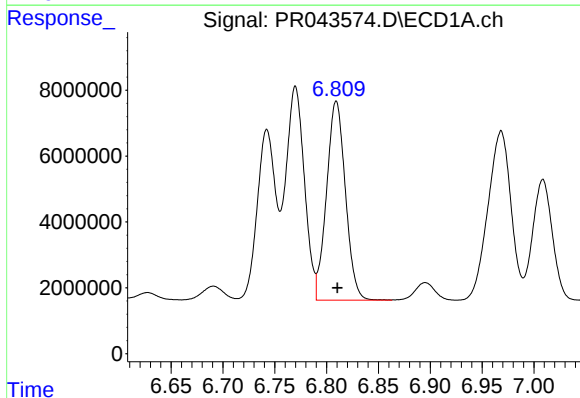
R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 30655034
Conc: 267.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



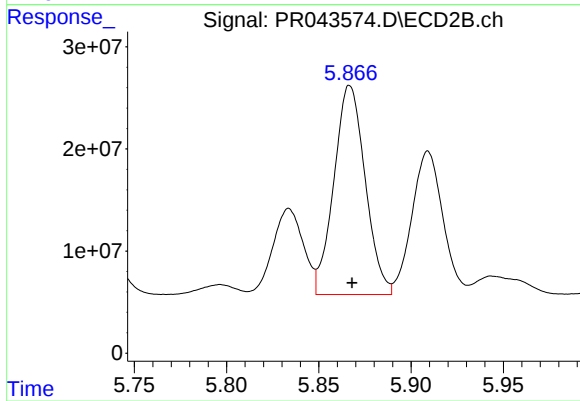
#19 AR-1242-4

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 126000764
Conc: 534.86 ng/ml



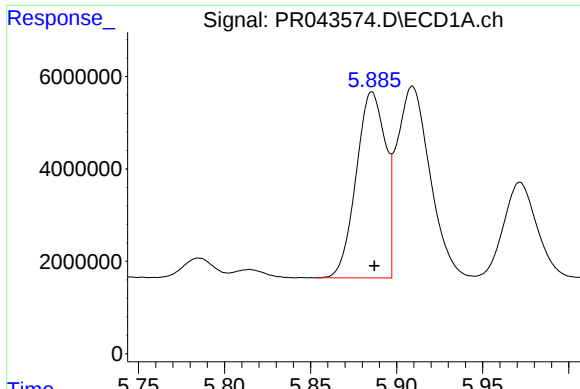
#20 AR-1242-5

R.T.: 6.809 min
Delta R.T.: -0.001 min
Response: 76518290
Conc: 601.56 ng/ml



#20 AR-1242-5

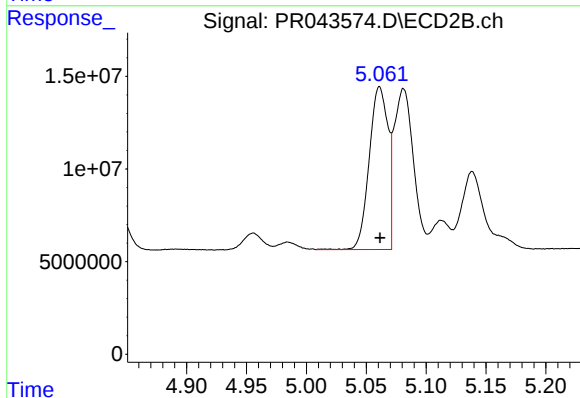
R.T.: 5.867 min
Delta R.T.: -0.001 min
Response: 242051156
Conc: 710.05 ng/ml



#21 AR-1248-1

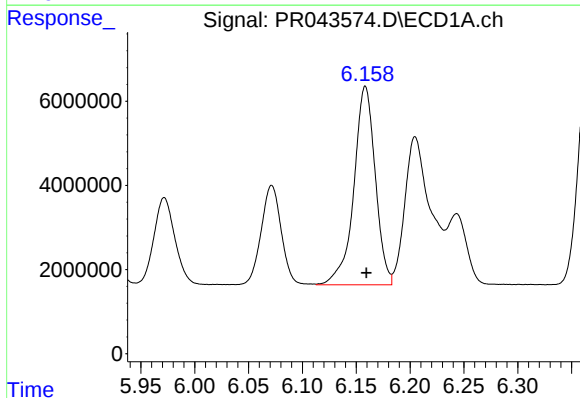
R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 47704849
Conc: 401.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



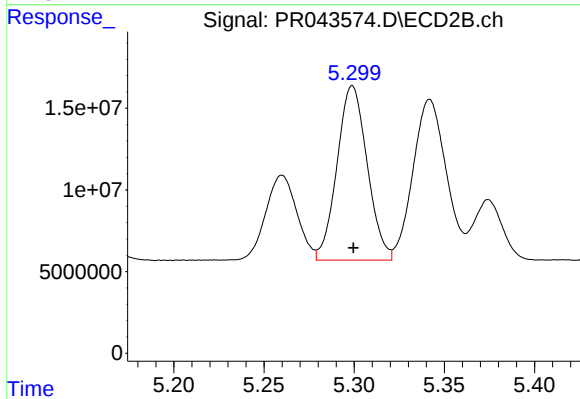
#21 AR-1248-1

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 95425884
Conc: 389.97 ng/ml



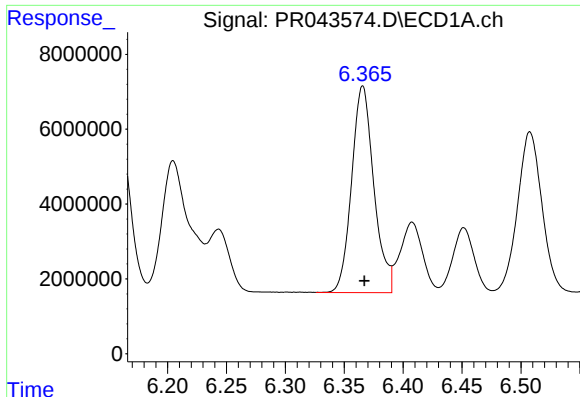
#22 AR-1248-2

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 65364470
Conc: 401.20 ng/ml



#22 AR-1248-2

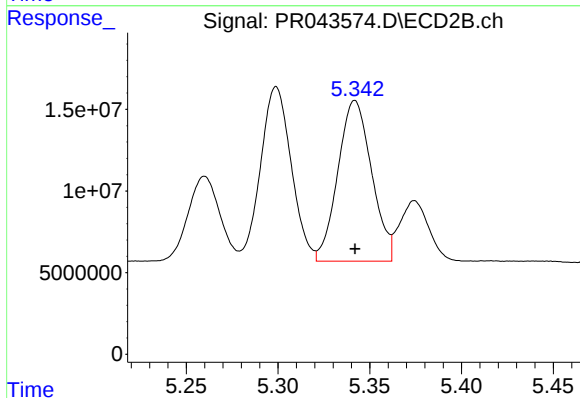
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 124472218
Conc: 383.85 ng/ml



#23 AR-1248-3

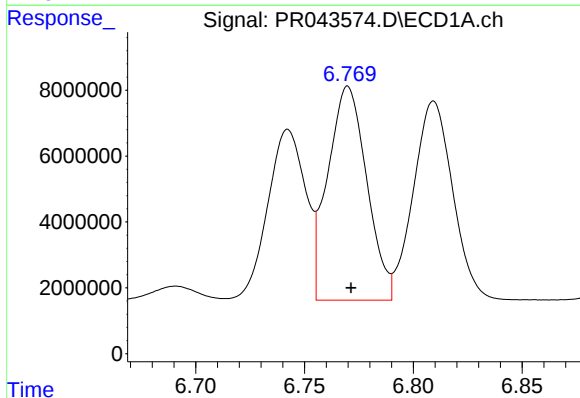
R.T.: 6.366 min
Delta R.T.: -0.001 min
Response: 72472084
Conc: 399.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



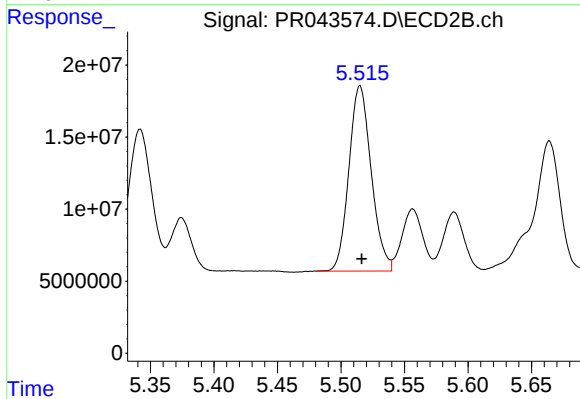
#23 AR-1248-3

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 126000764
Conc: 382.58 ng/ml



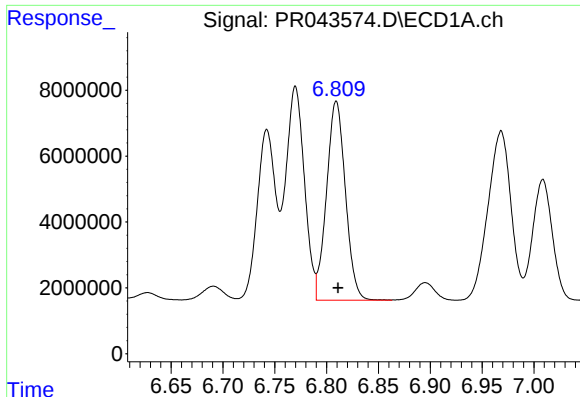
#24 AR-1248-4

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 80878015
Conc: 386.35 ng/ml



#24 AR-1248-4

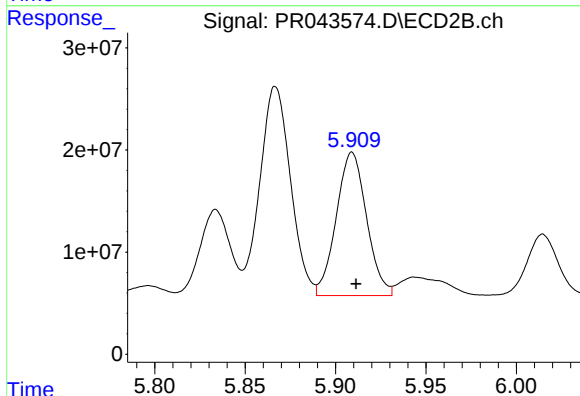
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 157506418
Conc: 379.90 ng/ml



#25 AR-1248-5

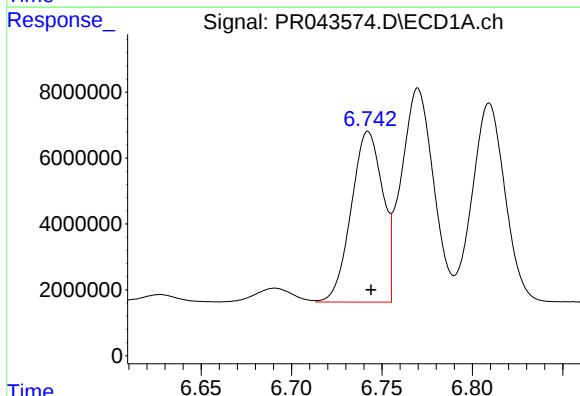
R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 76518290
Conc: 385.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



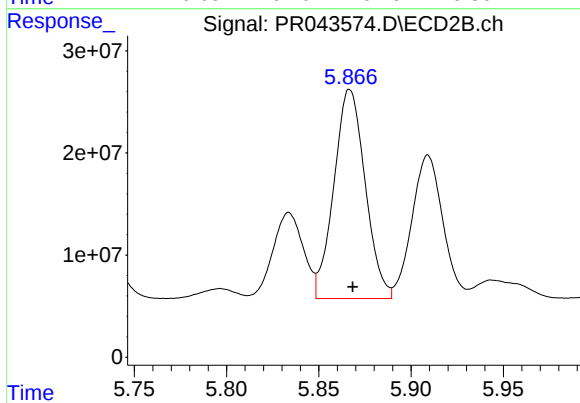
#25 AR-1248-5

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 163784704
Conc: 368.51 ng/ml



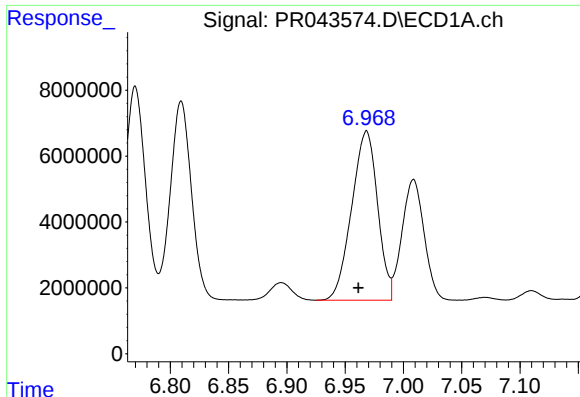
#26 AR-1254-1

R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 62805194
Conc: 287.35 ng/ml



#26 AR-1254-1

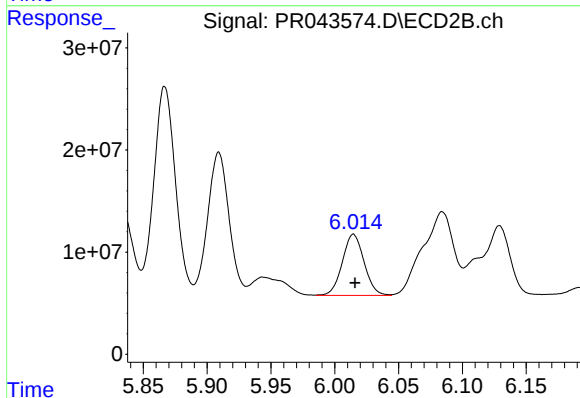
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 242051156
Conc: 339.74 ng/ml



#27 AR-1254-2

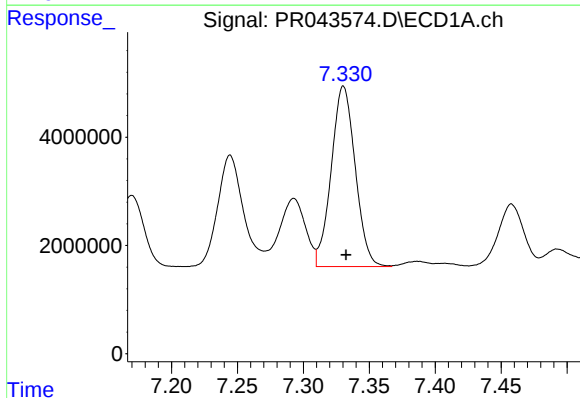
R.T.: 6.968 min
Delta R.T.: 0.007 min
Response: 79447872
Conc: 235.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



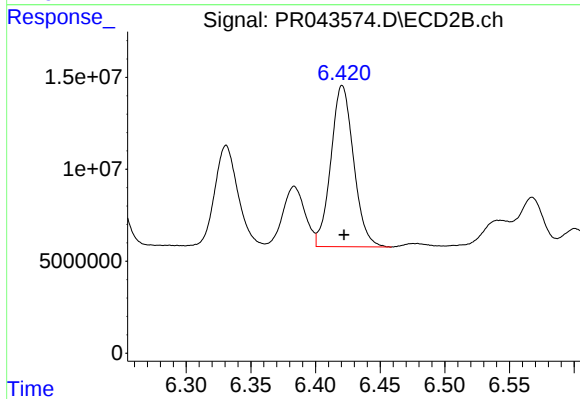
#27 AR-1254-2

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 71032236
Conc: 111.05 ng/ml



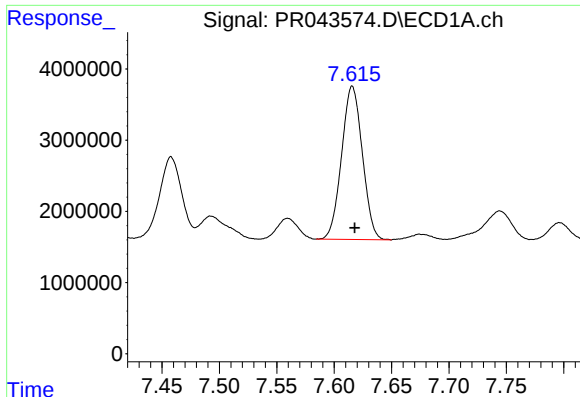
#28 AR-1254-3

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



#28 AR-1254-3

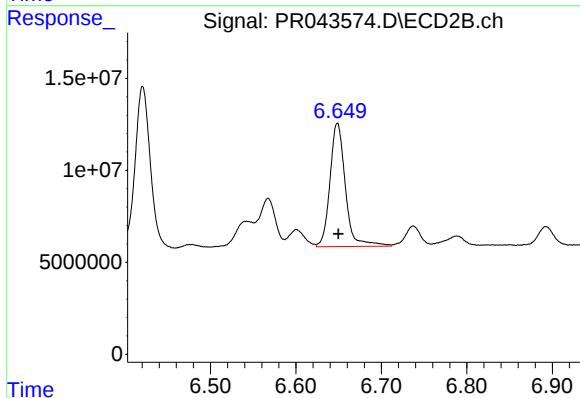
R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 107456956
Conc: 106.15 ng/ml



#29 AR-1254-4

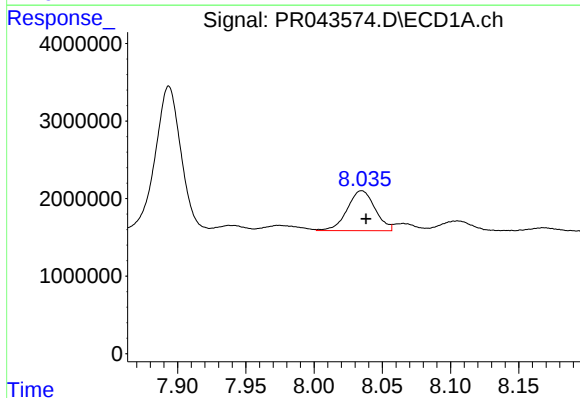
R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 27127486
Conc: 108.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



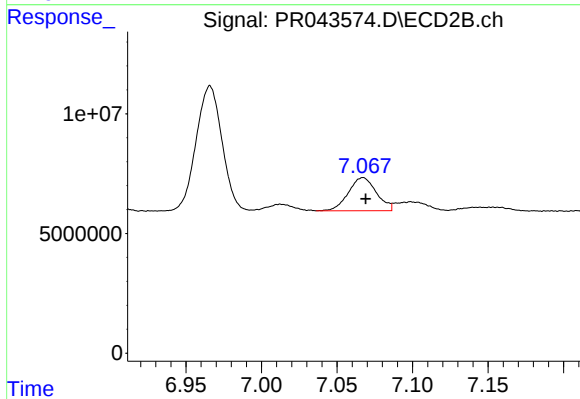
#29 AR-1254-4

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



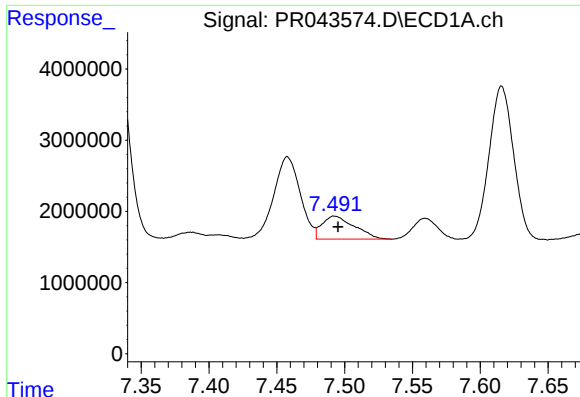
#30 AR-1254-5

R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 7309257
Conc: 28.36 ng/ml



#30 AR-1254-5

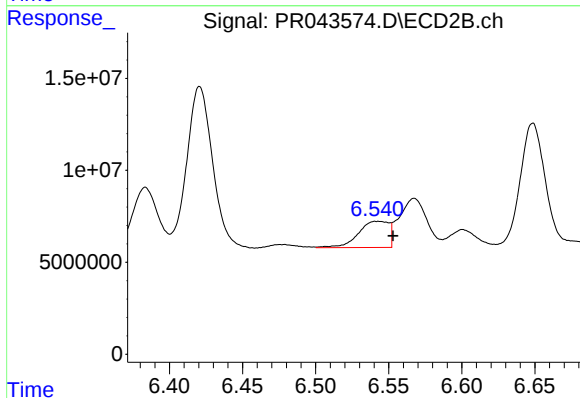
R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 17814028
Conc: 20.91 ng/ml



#31 AR-1260-1

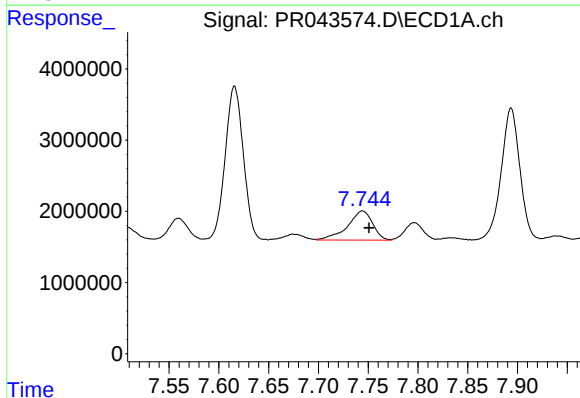
R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 5387712
Conc: 21.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



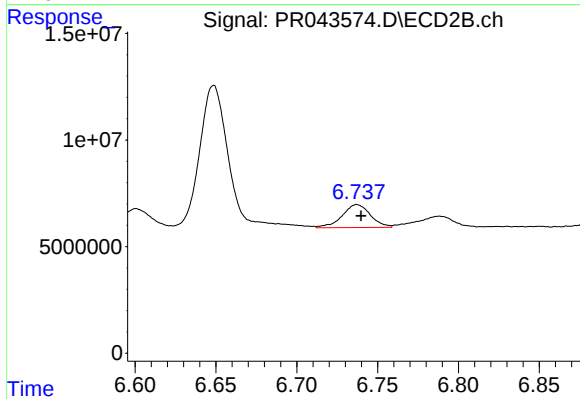
#31 AR-1260-1

R.T.: 6.542 min
Delta R.T.: -0.011 min
Response: 20690971
Conc: 30.54 ng/ml



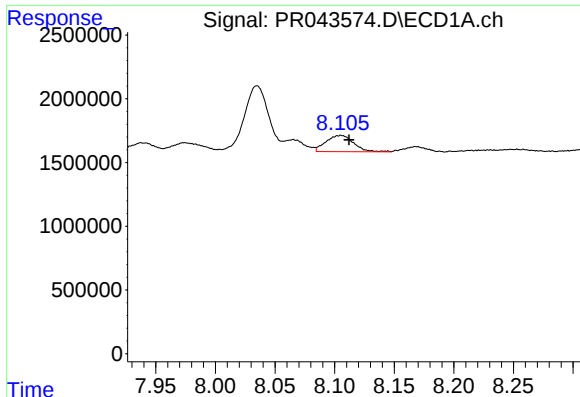
#32 AR-1260-2

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 7197329
Conc: 24.23 ng/ml



#32 AR-1260-2

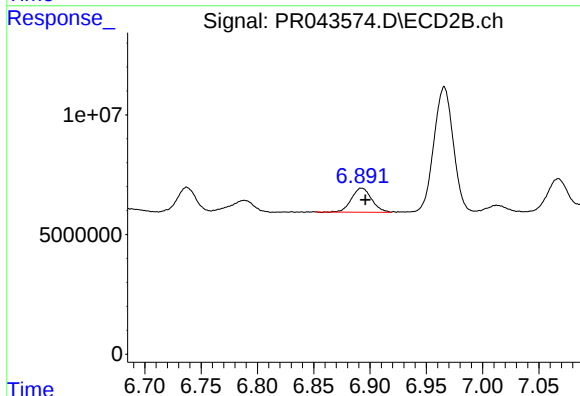
R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 13161974
Conc: 13.58 ng/ml



#33 AR-1260-3

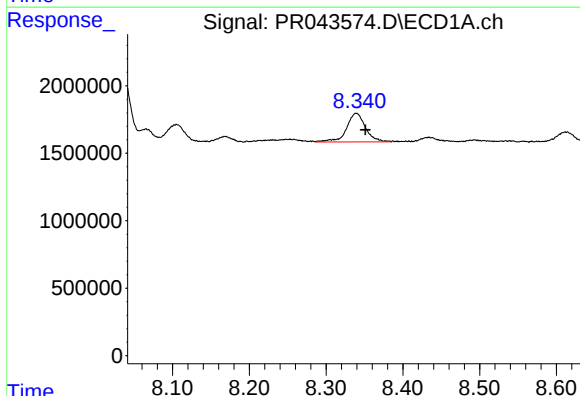
R.T.: 8.105 min
Delta R.T.: -0.007 min
Response: 2064956
Conc: 9.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



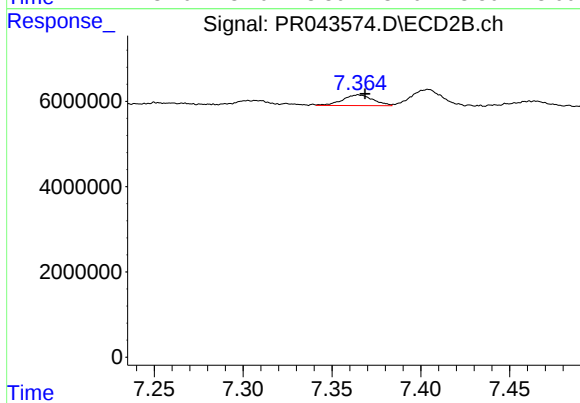
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 12544916
Conc: 16.06 ng/ml



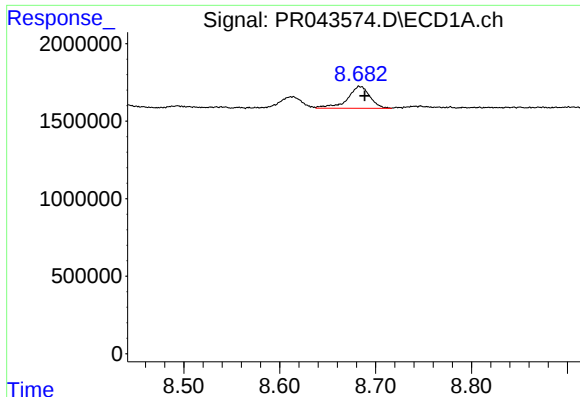
#34 AR-1260-4

R.T.: 8.339 min
Delta R.T.: -0.012 min
Response: 3635338
Conc: 14.45 ng/ml



#34 AR-1260-4

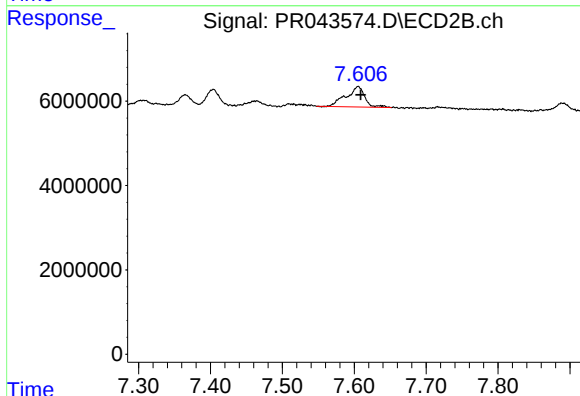
R.T.: 7.365 min
Delta R.T.: -0.004 min
Response: 3021838
Conc: 4.76 ng/ml



#35 AR-1260-5

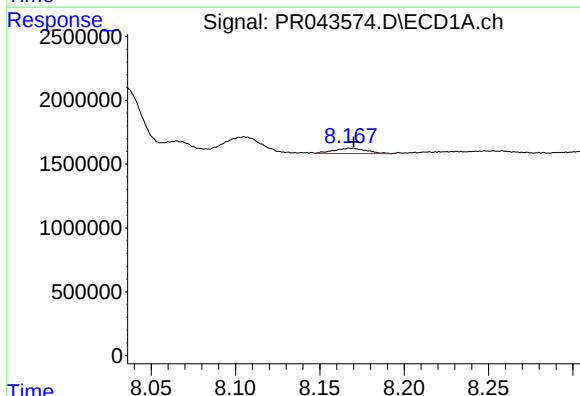
R.T.: 8.683 min
Delta R.T.: -0.005 min
Response: 2297467
Conc: 4.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



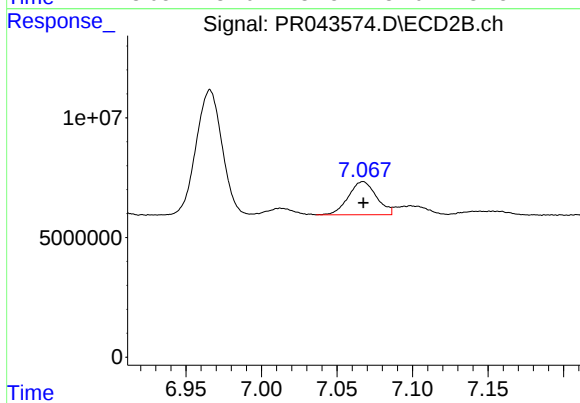
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 8757229
Conc: 5.14 ng/ml



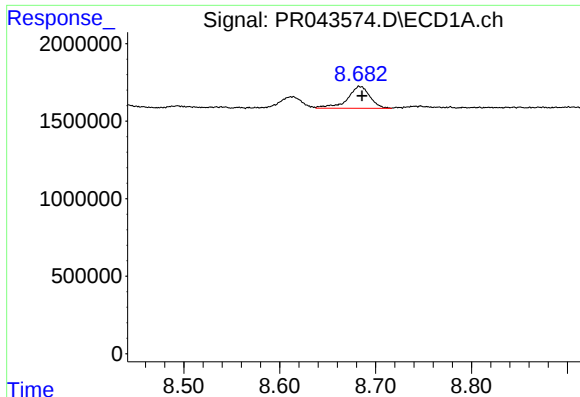
#36 AR-1262-1

R.T.: 8.168 min
Delta R.T.: -0.002 min
Response: 555627
Conc: 4.17 ng/ml



#36 AR-1262-1

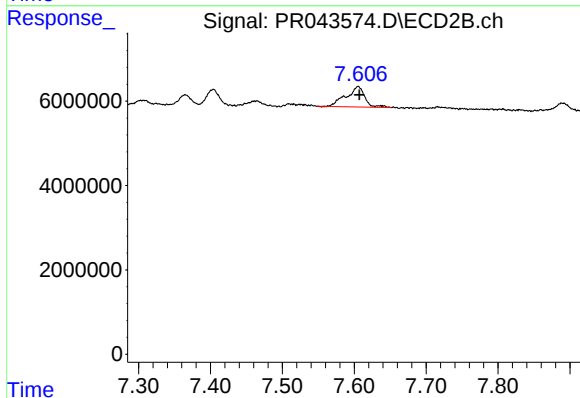
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 17814028
Conc: 36.03 ng/ml



#37 AR-1262-2

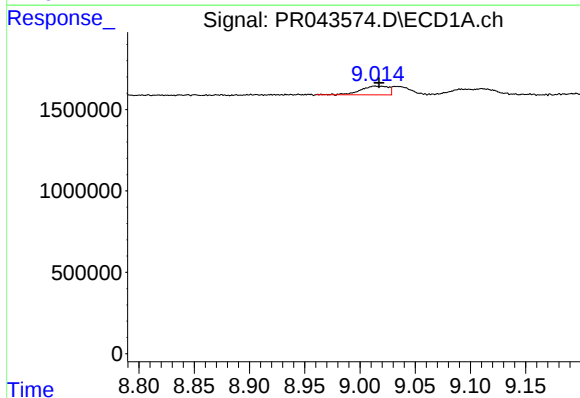
R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 2297467
Conc: 4.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



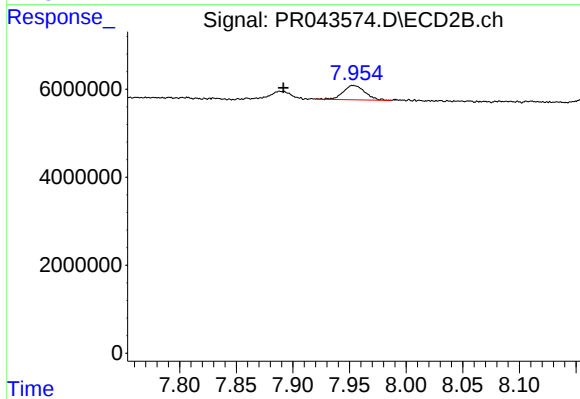
#37 AR-1262-2

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



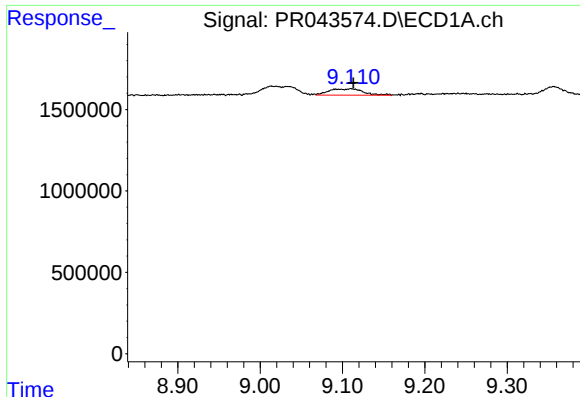
#38 AR-1262-3

R.T.: 9.014 min
Delta R.T.: -0.004 min
Response: 946281
Conc: 2.61 ng/ml



#38 AR-1262-3

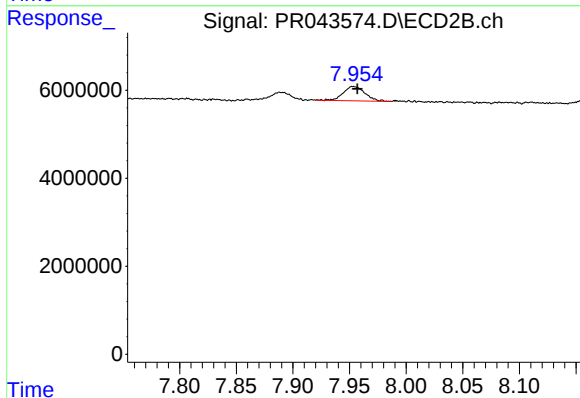
R.T.: 7.953 min
Delta R.T.: 0.062 min
Response: 4329581
Conc: 5.68 ng/ml



#39 AR-1262-4

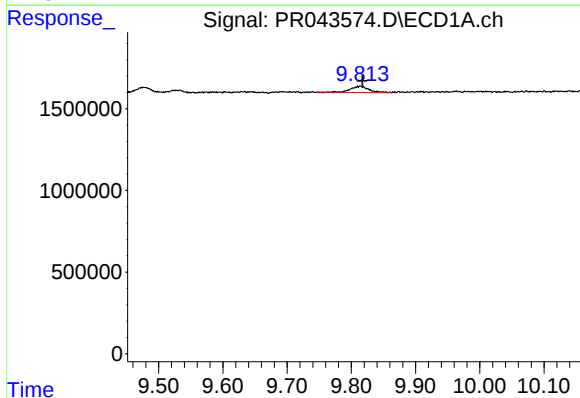
R.T.: 9.110 min
Delta R.T.: -0.003 min
Response: 1128298
Conc: 4.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



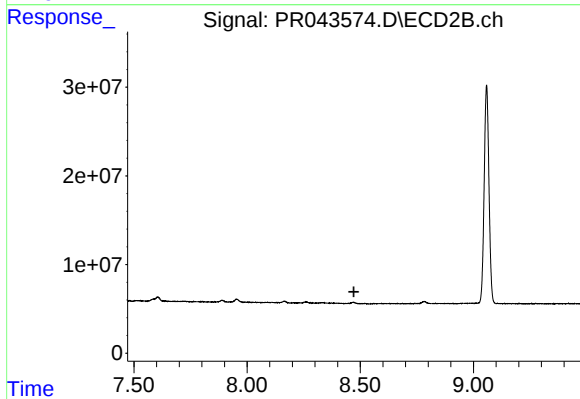
#39 AR-1262-4

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



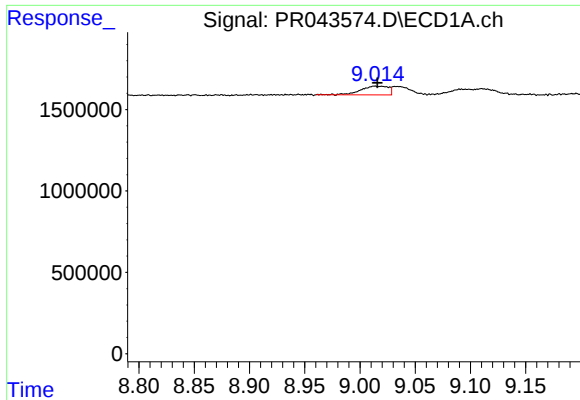
#40 AR-1262-5

R.T.: 9.814 min
Delta R.T.: -0.003 min
Response: 773137
Conc: 4.11 ng/ml



#40 AR-1262-5

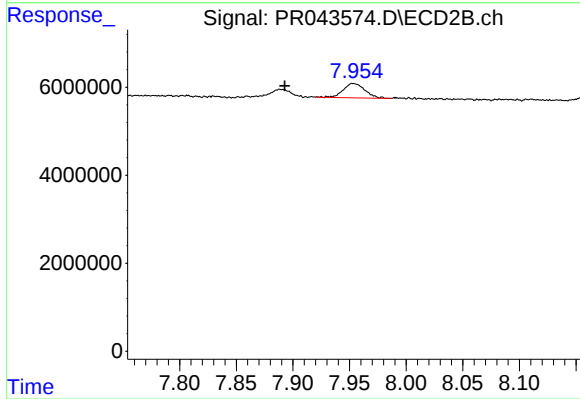
R.T.: 0.000 min
Exp R.T. : 8.472 min
Response: 0
Conc: N.D.



#41 AR-1268-1

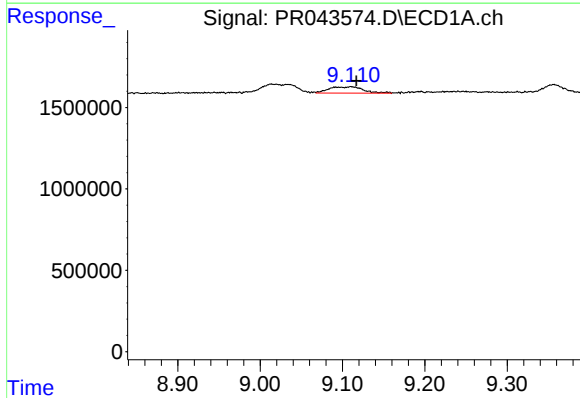
R.T.: 9.014 min
Delta R.T.: -0.002 min
Response: 946281
Conc: 1.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



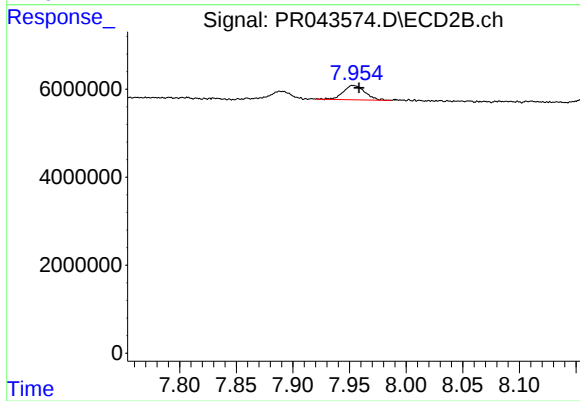
#41 AR-1268-1

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



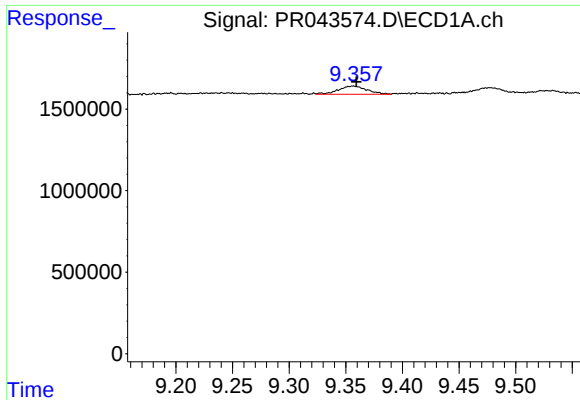
#42 AR-1268-2

R.T.: 9.110 min
Delta R.T.: -0.007 min
Response: 1128298
Conc: 1.96 ng/ml



#42 AR-1268-2

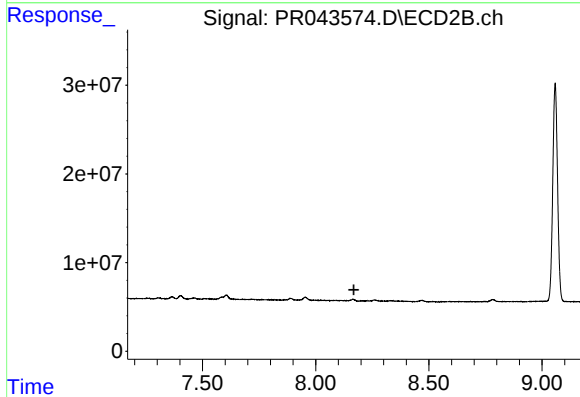
R.T.: 7.953 min
Delta R.T.: -0.005 min
Response: 4329581
Conc: 2.39 ng/ml



#43 AR-1268-3

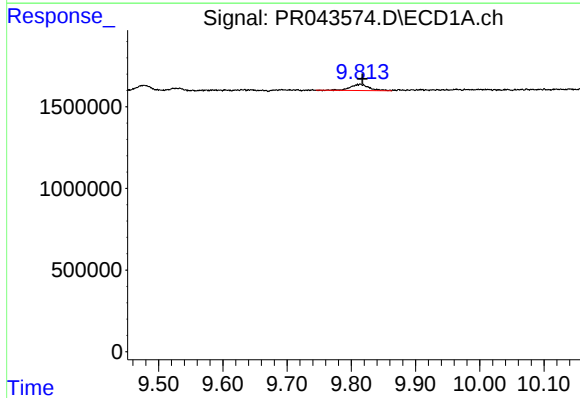
R.T.: 9.357 min
Delta R.T.: -0.003 min
Response: 887306
Conc: 1.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



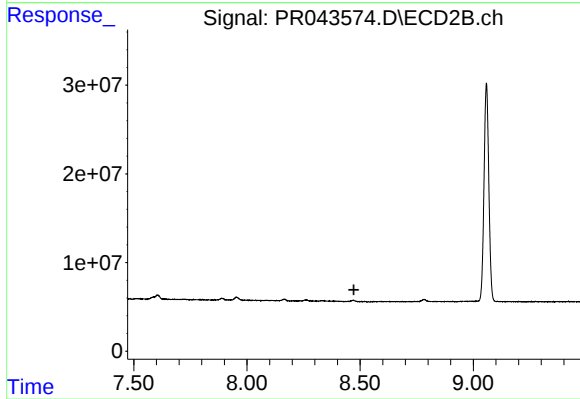
#43 AR-1268-3

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



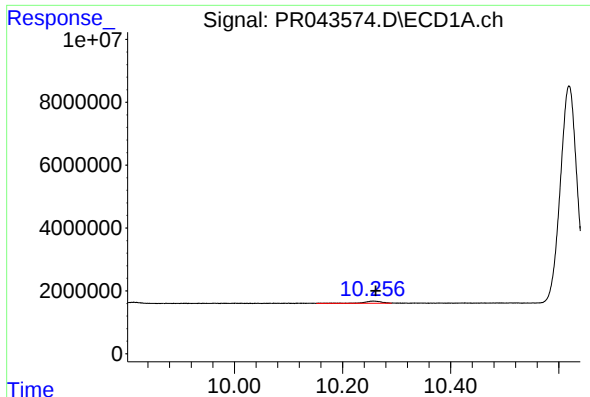
#44 AR-1268-4

R.T.: 9.814 min
Delta R.T.: -0.004 min
Response: 773137
Conc: 3.78 ng/ml



#44 AR-1268-4

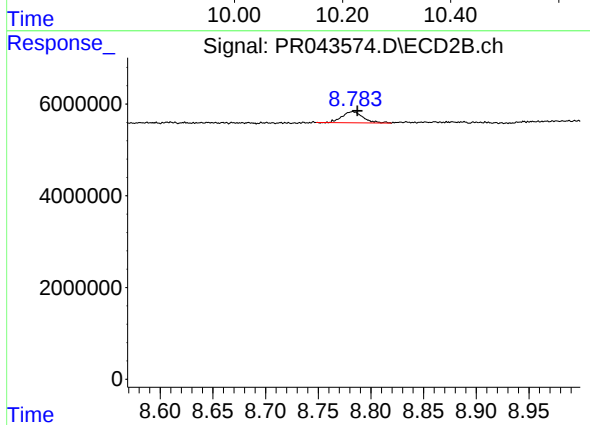
R.T.: 0.000 min
Exp R.T. : 8.472 min
Response: 0
Conc: N.D.



#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 :



#45 AR-1268-5

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