

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111719\
 Data File : PR043166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2019 12:43
 Operator : SM\AJ
 Sample : K5669-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 CL-02-111519

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 06:00:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 19 05:29:57 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.710	3.970	79236469	260.1E6	26.755	27.368
2)	SA Decachlor...	10.621	9.064	75926518	184.1E6	21.713	21.657
Target Compounds							
3)	L1 AR-1016-1	5.834	5.104	100.8E6	98914942	785.655	265.250 #
4)	L1 AR-1016-2	0.000	5.104	0	98914942	N.D.	192.879 #
5)	L1 AR-1016-3	0.000	5.264	0	60361202	N.D.	263.973 #
6)	L1 AR-1016-4	6.048	5.264	115.7E6	60361202	1247.251	327.195 #
8)	L2 AR-1221-1	0.000	4.235	0	6810674	N.D.	56.724 #
9)	L2 AR-1221-2	0.000	4.275	0	7307851	N.D.	79.923 #
10)	L2 AR-1221-3	0.000	4.336	0	24186291	N.D.	85.786 #
11)	L3 AR-1232-1	0.000	4.336	0	24186291	N.D.	59.332 #
12)	L3 AR-1232-2	0.000	5.104	0	98914942	N.D.	241.544 #
13)	L3 AR-1232-3	0.000	5.264	0	60361202	N.D.	323.529 #
14)	L3 AR-1232-4	6.048	5.372	115.7E6	31672739	1555.664	205.368 #
16)	L4 AR-1242-1	5.834	5.104	100.8E6	98914942	976.373	330.572 #
17)	L4 AR-1242-2	0.000	5.104	0	98914942	N.D.	241.002 #
18)	L4 AR-1242-3	0.000	5.264	0	60361202	N.D.	311.395 #
19)	L4 AR-1242-4	6.048	5.372	115.7E6	31672739	1546.844	178.086 #
20)	L4 AR-1242-5	6.790	5.884	67847081	350.4E6	747.905	1353.186 #
21)	L5 AR-1248-1	5.834	5.104	100.8E6	98914942	1424.764	469.924 #
22)	L5 AR-1248-2	6.175	5.264	3549205	60361202	34.883	262.475 #
23)	L5 AR-1248-3	6.378	5.372	8955939	31672739	77.168	138.620 #
24)	L5 AR-1248-4	6.762	5.534	122.0E6	-17197830	845.561	N.D. #
25)	L5 AR-1248-5	6.790	5.924	67847081	52507877	498.409	165.925 #
26)	L6 AR-1254-1	6.762	5.884	122.0E6	350.4E6	866.603	772.513
27)	L6 AR-1254-2	6.982	6.024	108.9E6	52291117	511.461	119.404 #
28)	L6 AR-1254-3	7.350	6.402	48741834	123.2E6	186.446	157.486
29)	L6 AR-1254-4	7.604	6.679	38314203	26946193	187.519	45.419 #
30)	L6 AR-1254-5	7.979	7.044	71641958	176.0E6	324.062	231.672 #
31)	L7 AR-1260-1	0.000	6.576	0	18001103	N.D.	35.139 #
32)	L7 AR-1260-2	7.755	6.739	83571944	52055272	350.399	73.100 #
33)	L7 AR-1260-3	0.000	6.905	0	9200078	N.D.	15.616 #
34)	L7 AR-1260-4	0.000	7.369	0	5243106	N.D.	10.393 #
35)	L7 AR-1260-5	0.000	7.607	0	9215517	N.D.	6.433 #
36)	L8 AR-1262-1	0.000	7.104	0	13088661	N.D.	35.311 #
37)	L8 AR-1262-2	0.000	7.607	0	9215517	N.D.	5.139 #
38)	L8 AR-1262-3	0.000	7.892	0	9151643	N.D.	13.530 #
39)	L8 AR-1262-4	0.000	7.958	0	13323312	N.D.	11.250 #
40)	L8 AR-1262-5	0.000	8.472	0	8231807	N.D.	16.104 #
41)	L9 AR-1268-1	0.000	7.892	0	9151643	N.D.	4.458 #
42)	L9 AR-1268-2	0.000	7.958	0	13323312	N.D.	7.465 #
43)	L9 AR-1268-3	0.000	8.170	0	5305373	N.D.	3.534 #
44)	L9 AR-1268-4	0.000	8.472	0	8231807	N.D.	14.357 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111719\
Data File : PR043166.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2019 12:43
Operator : SM\AJ
Sample : K5669-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
CL-02-111519

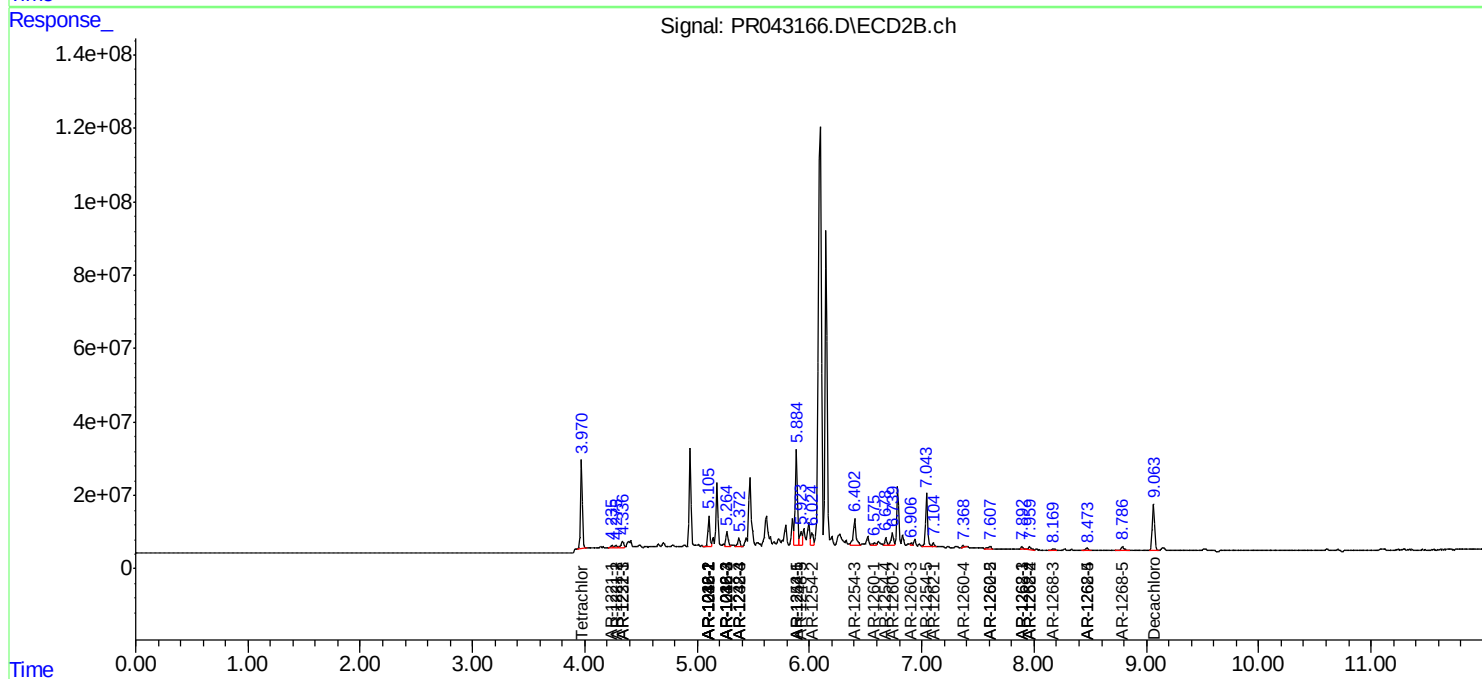
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 06:00:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111519.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 19 05:29:57 2019
Response via : Initial Calibration
Integrator: ChemStation

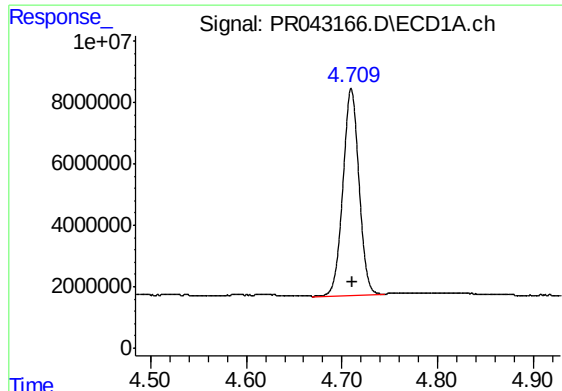
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.787	0	17607740	N.D.	4.327 #

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

Volume Inj. : 2 μ l
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50 μ Signal #2 Info : 30M x 0.32mm x 0.25 μ m

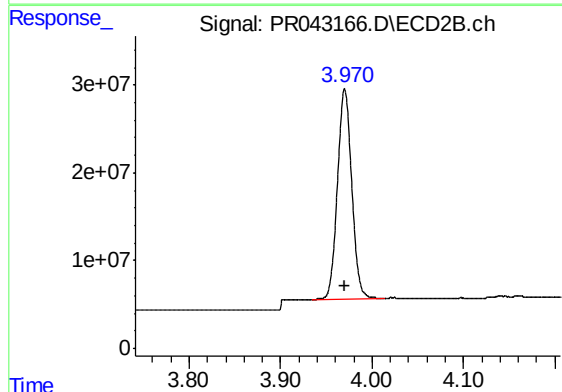




#1 Tetrachloro-m-xylene

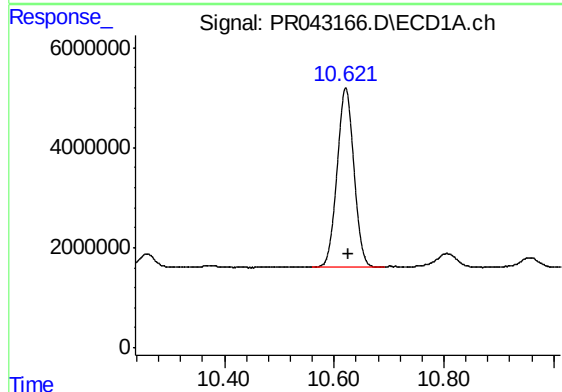
R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 79236469
Conc: 26.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



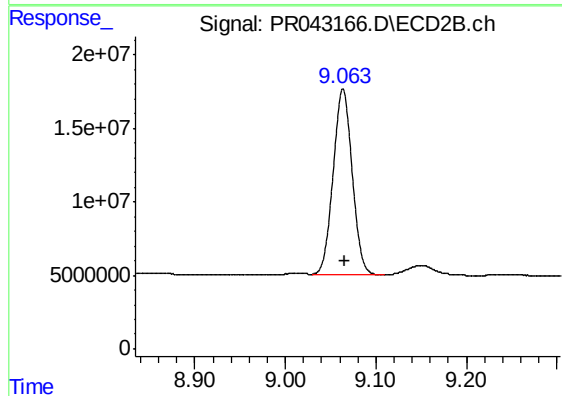
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 260116395
Conc: 27.37 ng/ml



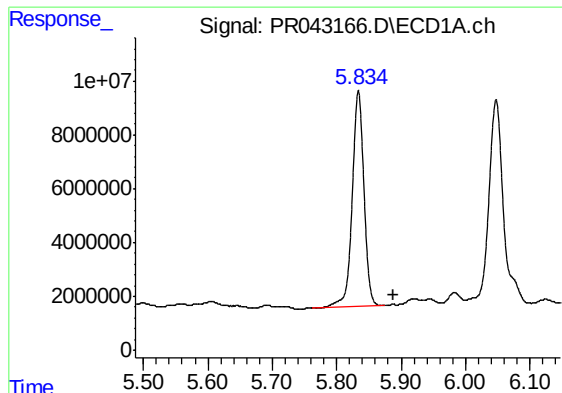
#2 Decachlorobiphenyl

R.T.: 10.621 min
Delta R.T.: -0.005 min
Response: 75926518
Conc: 21.71 ng/ml



#2 Decachlorobiphenyl

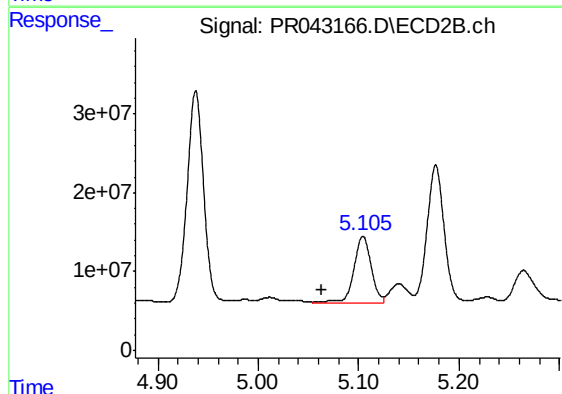
R.T.: 9.064 min
Delta R.T.: -0.002 min
Response: 184089888
Conc: 21.66 ng/ml



#3 AR-1016-1

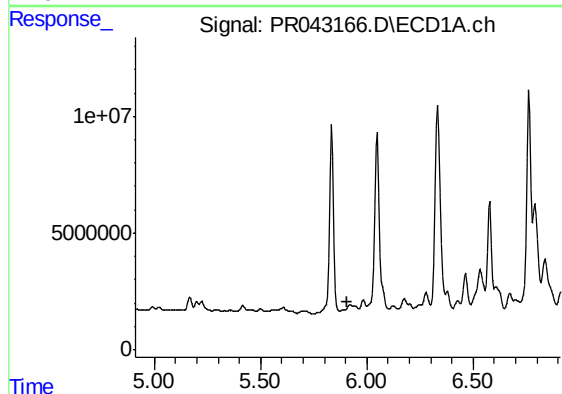
R.T.: 5.834 min
Delta R.T.: -0.054 min
Response: 100777251
Conc: 785.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



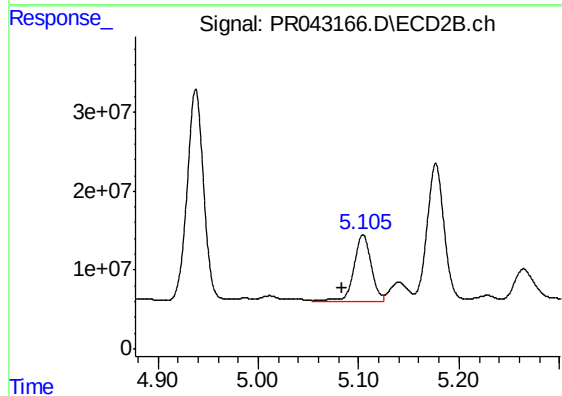
#3 AR-1016-1

R.T.: 5.104 min
Delta R.T.: 0.041 min
Response: 98914942
Conc: 265.25 ng/ml



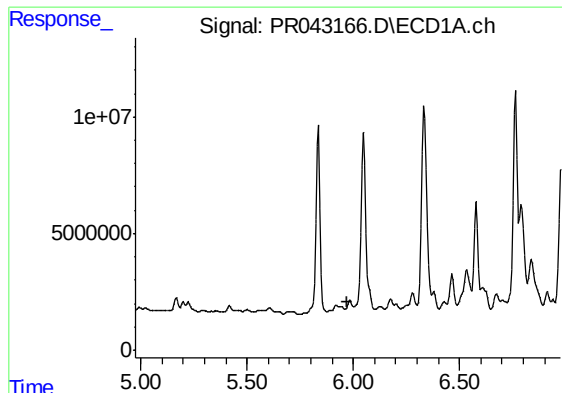
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#4 AR-1016-2

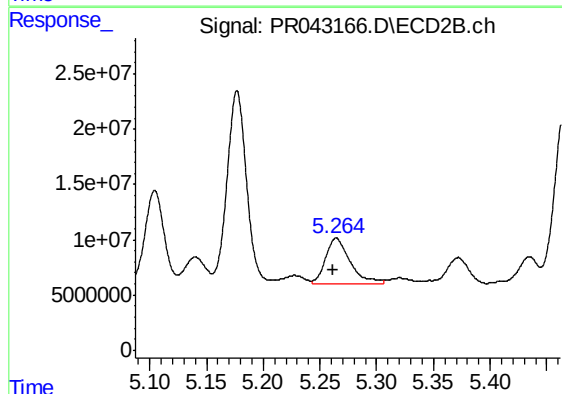
R.T.: 5.104 min
Delta R.T.: 0.021 min
Response: 98914942
Conc: 192.88 ng/ml



#5 AR-1016-3

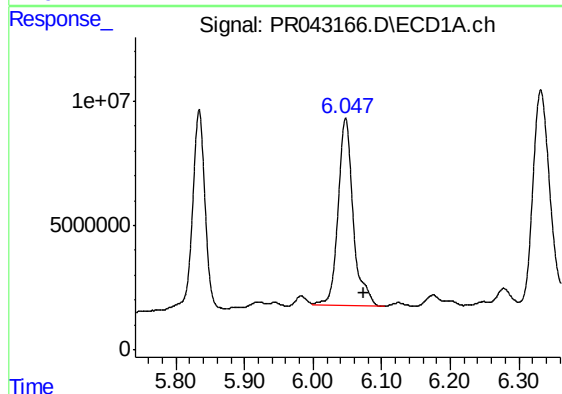
R.T.: 0.000 min
Exp R.T.: 5.974 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



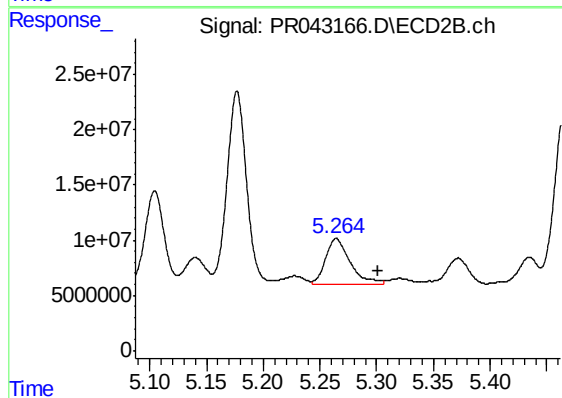
#5 AR-1016-3

R.T.: 5.264 min
Delta R.T.: 0.003 min
Response: 60361202
Conc: 263.97 ng/ml



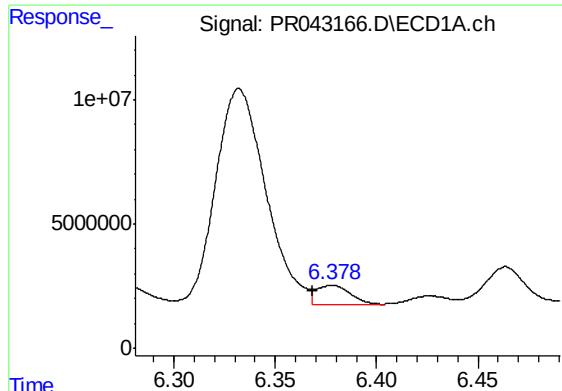
#6 AR-1016-4

R.T.: 6.048 min
Delta R.T.: -0.027 min
Response: 115681904
Conc: 1247.25 ng/ml



#6 AR-1016-4

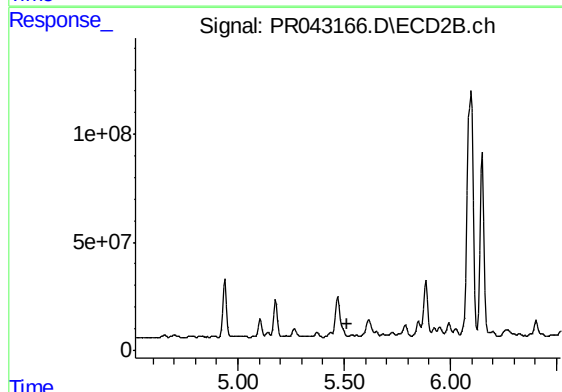
R.T.: 5.264 min
Delta R.T.: -0.037 min
Response: 60361202
Conc: 327.20 ng/ml



#7 AR-1016-5

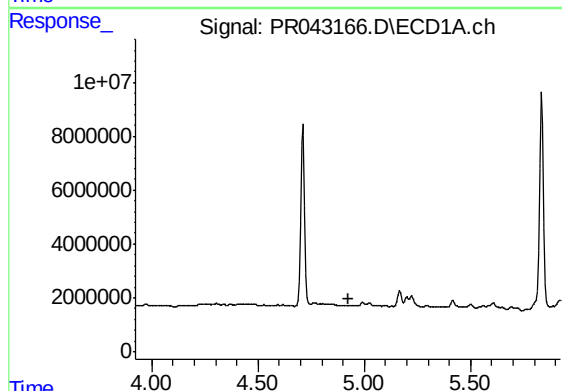
R.T.: 6.378 min
Delta R.T.: 0.009 min
Response: 8955939
Conc: 96.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



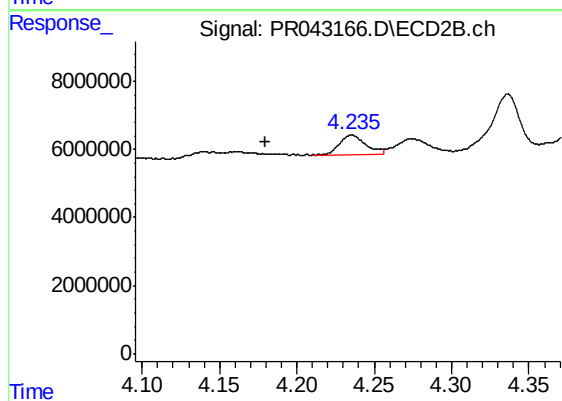
#7 AR-1016-5

R.T.: 5.534 min
Delta R.T.: 0.016 min
Response: -17197830
Conc: N.D.



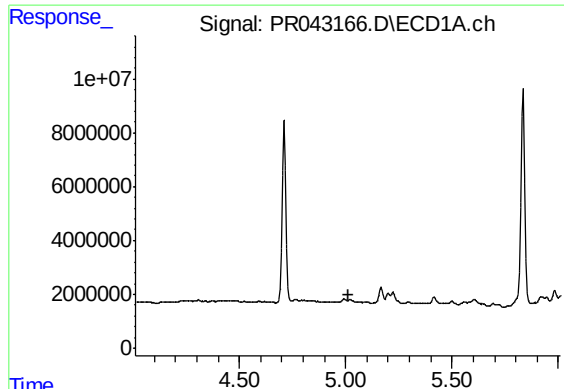
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#8 AR-1221-1

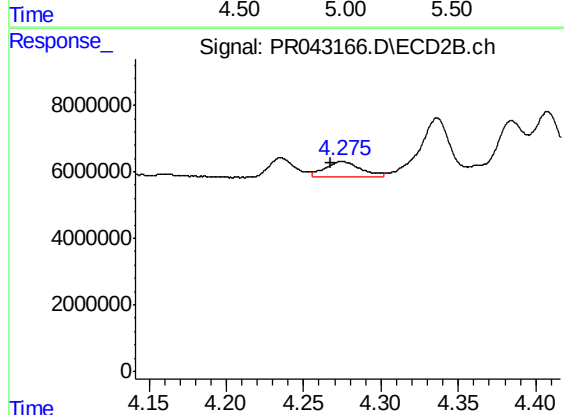
R.T.: 4.235 min
Delta R.T.: 0.056 min
Response: 6810674
Conc: 56.72 ng/ml



#9 AR-1221-2

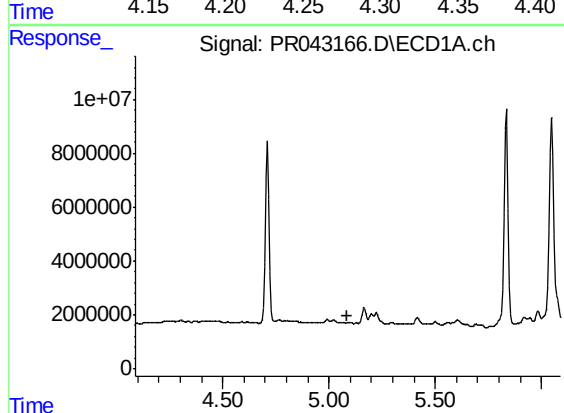
R.T.: 0.000 min
Exp R.T. : 5.011 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



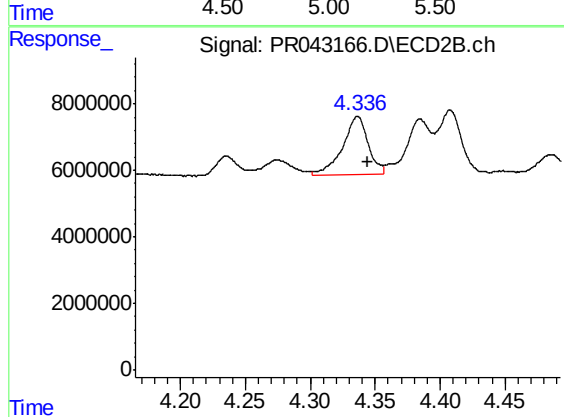
#9 AR-1221-2

R.T.: 4.275 min
Delta R.T.: 0.008 min
Response: 7307851
Conc: 79.92 ng/ml



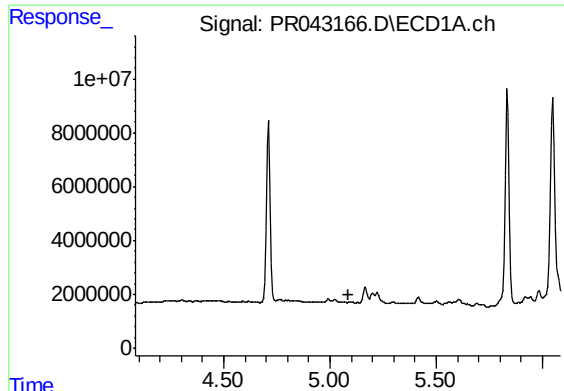
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.089 min
Response: 0
Conc: N.D.



#10 AR-1221-3

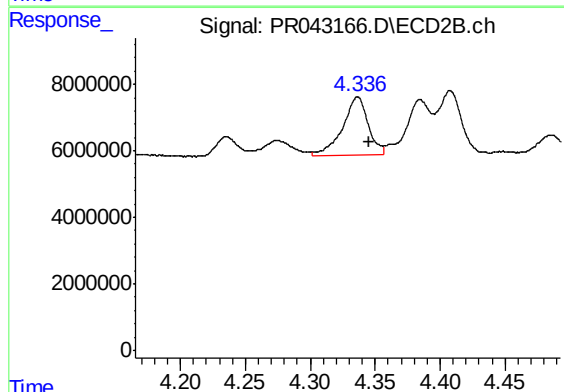
R.T.: 4.336 min
Delta R.T.: -0.008 min
Response: 24186291
Conc: 85.79 ng/ml



#11 AR-1232-1

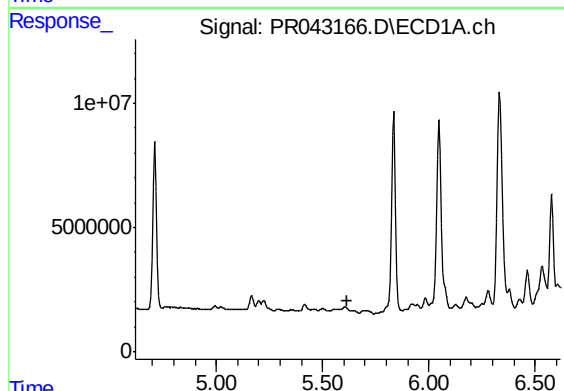
R.T.: 0.000 min
Exp R.T.: 5.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



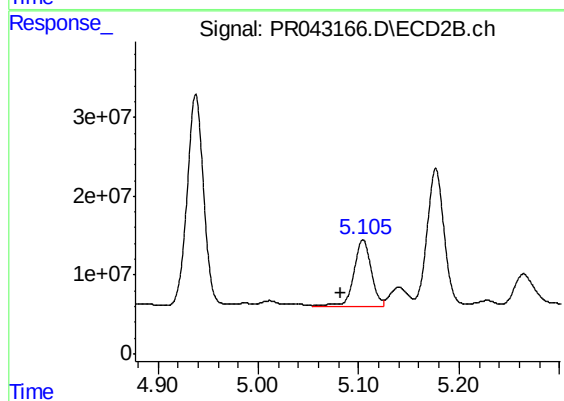
#11 AR-1232-1

R.T.: 4.336 min
Delta R.T.: -0.008 min
Response: 24186291
Conc: 59.33 ng/ml



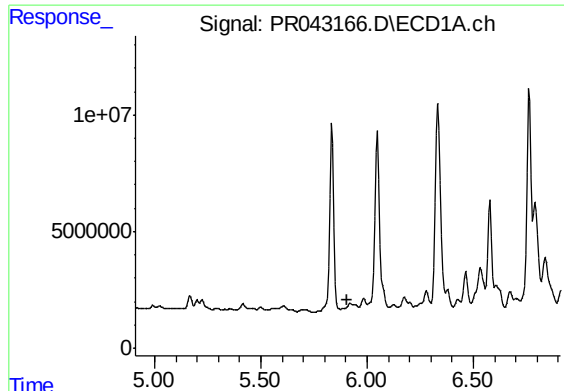
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.619 min
Response: 0
Conc: N.D.



#12 AR-1232-2

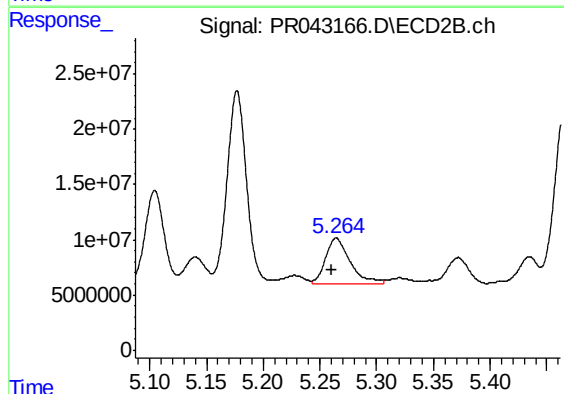
R.T.: 5.104 min
Delta R.T.: 0.022 min
Response: 98914942
Conc: 241.54 ng/ml



#13 AR-1232-3

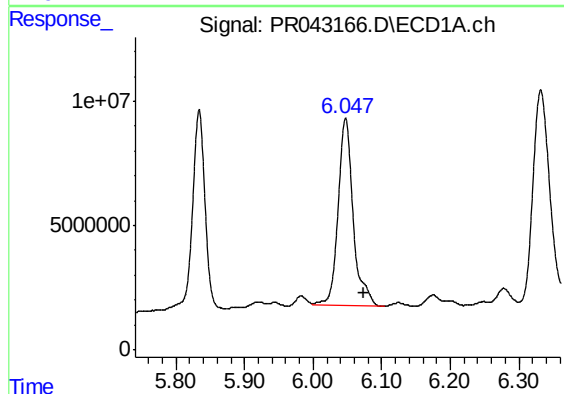
R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



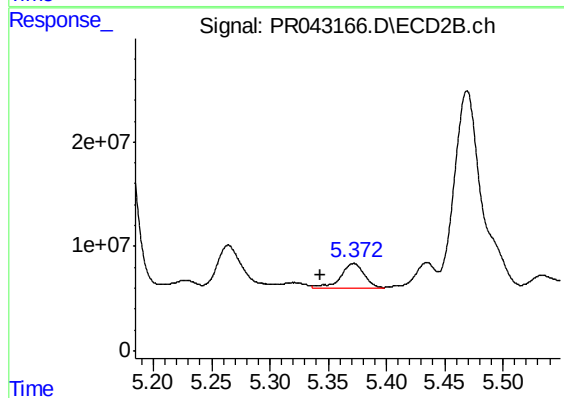
#13 AR-1232-3

R.T.: 5.264 min
Delta R.T.: 0.003 min
Response: 60361202
Conc: 323.53 ng/ml



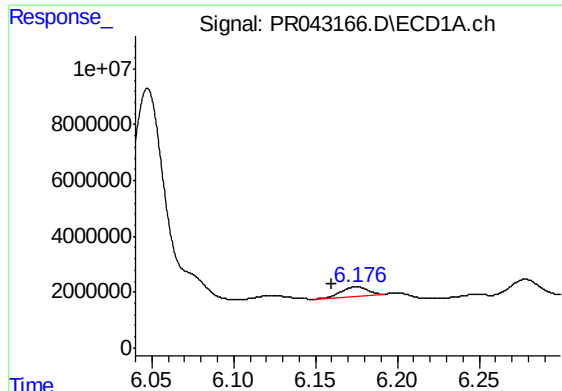
#14 AR-1232-4

R.T.: 6.048 min
Delta R.T.: -0.026 min
Response: 115681904
Conc: 1555.66 ng/ml



#14 AR-1232-4

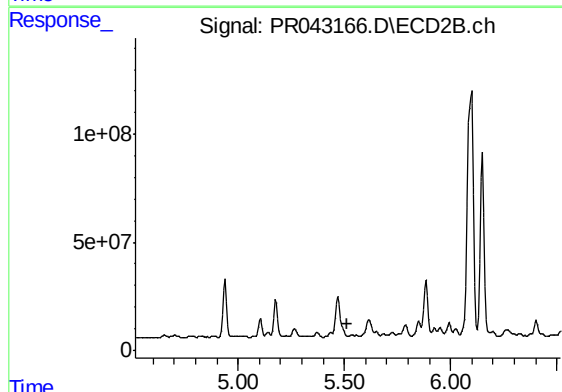
R.T.: 5.372 min
Delta R.T.: 0.028 min
Response: 31672739
Conc: 205.37 ng/ml



#15 AR-1232-5

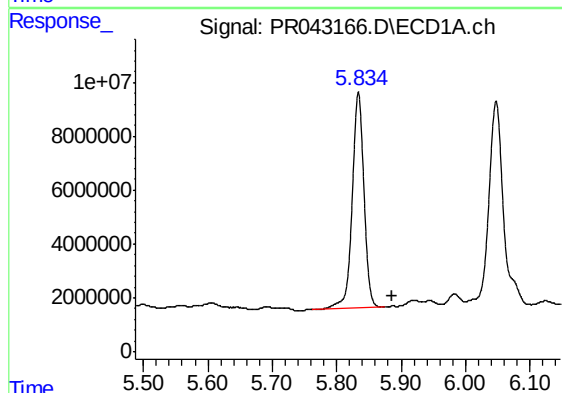
R.T.: 6.175 min
Delta R.T.: 0.015 min
Response: 3549205
Conc: 62.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



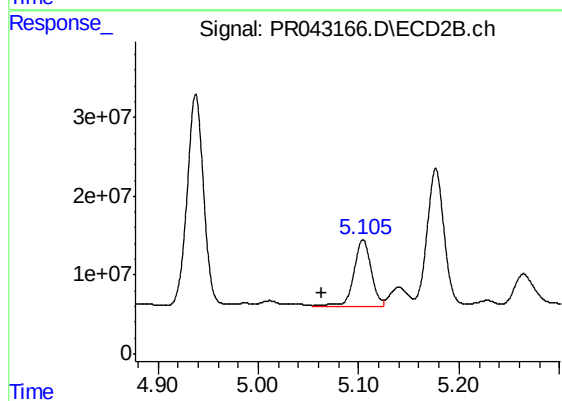
#15 AR-1232-5

R.T.: 5.534 min
Delta R.T.: 0.017 min
Response: -17197830
Conc: N.D.



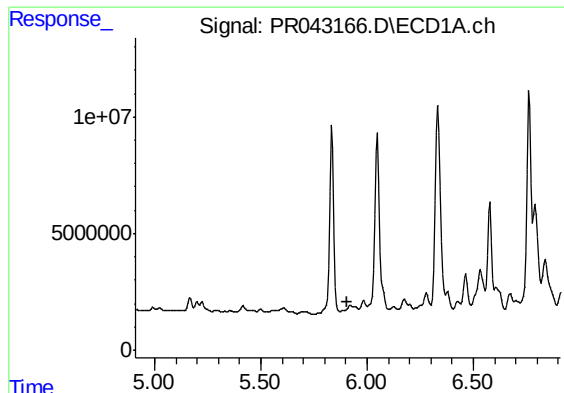
#16 AR-1242-1

R.T.: 5.834 min
Delta R.T.: -0.053 min
Response: 100777251
Conc: 976.37 ng/ml



#16 AR-1242-1

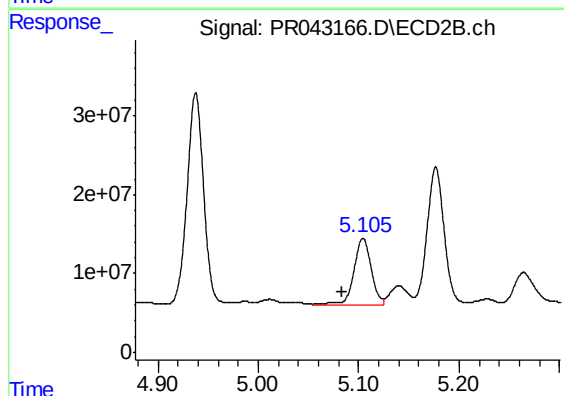
R.T.: 5.104 min
Delta R.T.: 0.041 min
Response: 98914942
Conc: 330.57 ng/ml



#17 AR-1242-2

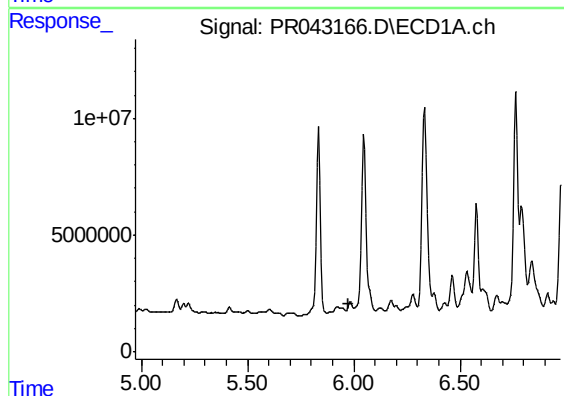
R.T.: 0.000 min
Exp R.T.: 5.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



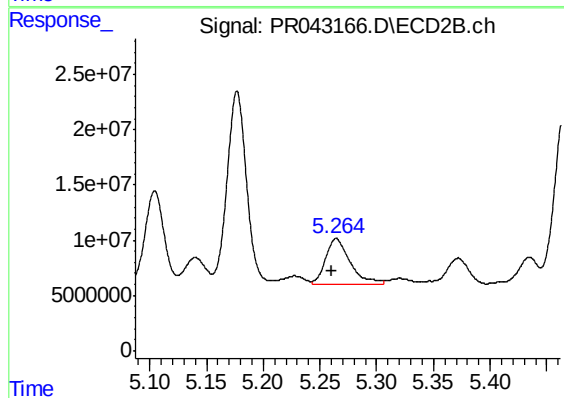
#17 AR-1242-2

R.T.: 5.104 min
Delta R.T.: 0.021 min
Response: 98914942
Conc: 241.00 ng/ml



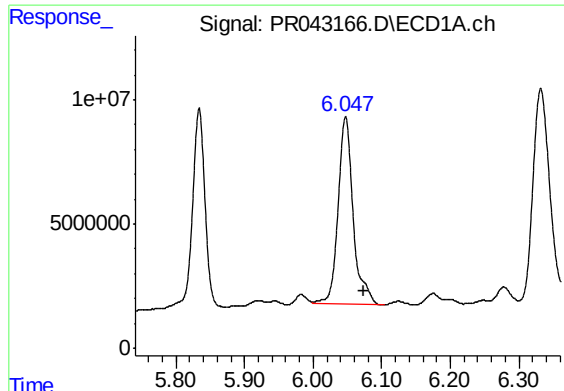
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.



#18 AR-1242-3

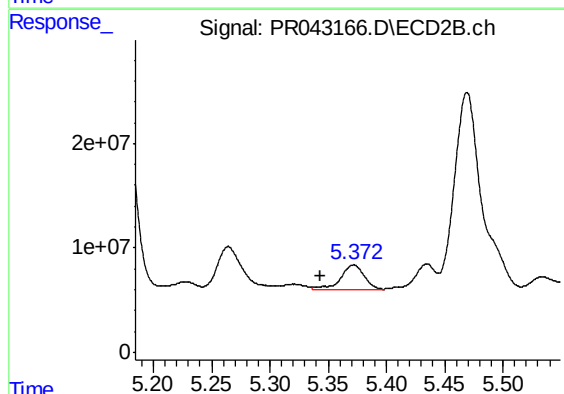
R.T.: 5.264 min
Delta R.T.: 0.003 min
Response: 60361202
Conc: 311.40 ng/ml



#19 AR-1242-4

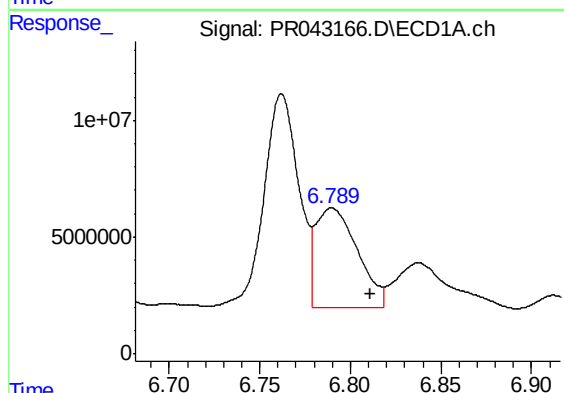
R.T.: 6.048 min
Delta R.T.: -0.026 min
Response: 115681904
Conc: 1546.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



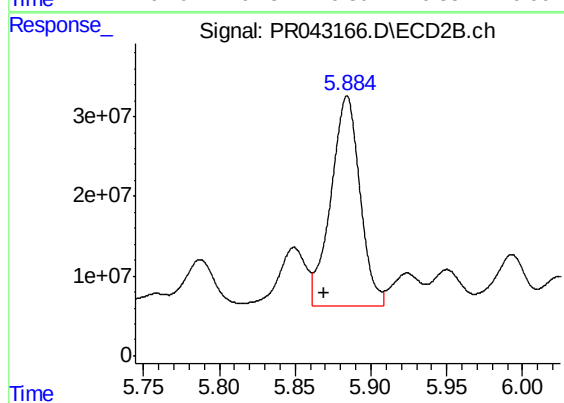
#19 AR-1242-4

R.T.: 5.372 min
Delta R.T.: 0.028 min
Response: 31672739
Conc: 178.09 ng/ml



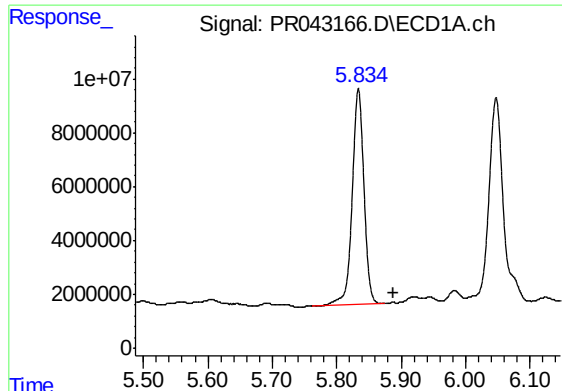
#20 AR-1242-5

R.T.: 6.790 min
Delta R.T.: -0.021 min
Response: 67847081
Conc: 747.91 ng/ml



#20 AR-1242-5

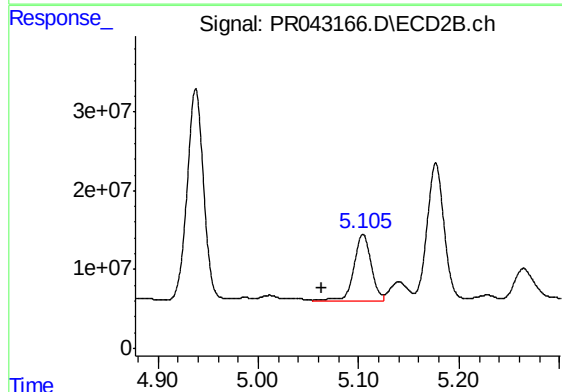
R.T.: 5.884 min
Delta R.T.: 0.015 min
Response: 350387673
Conc: 1353.19 ng/ml



#21 AR-1248-1

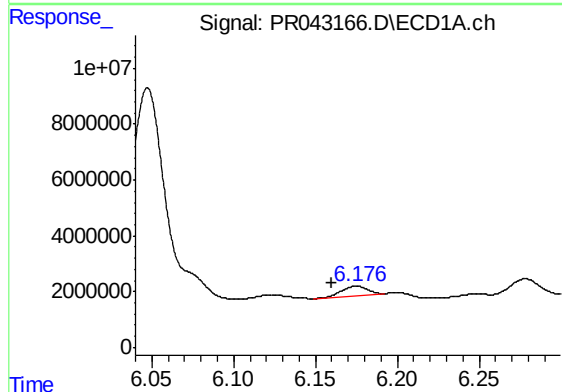
R.T.: 5.834 min
Delta R.T.: -0.053 min
Response: 100777251
Conc: 1424.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



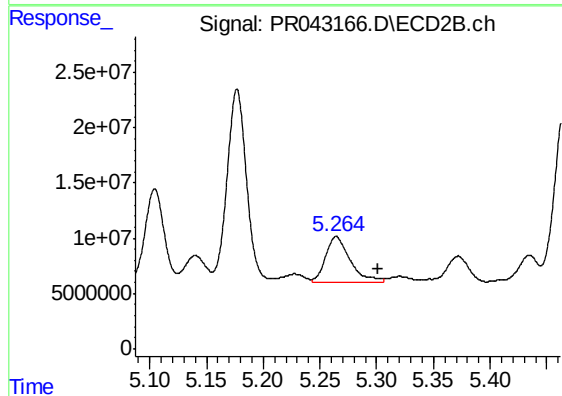
#21 AR-1248-1

R.T.: 5.104 min
Delta R.T.: 0.041 min
Response: 98914942
Conc: 469.92 ng/ml



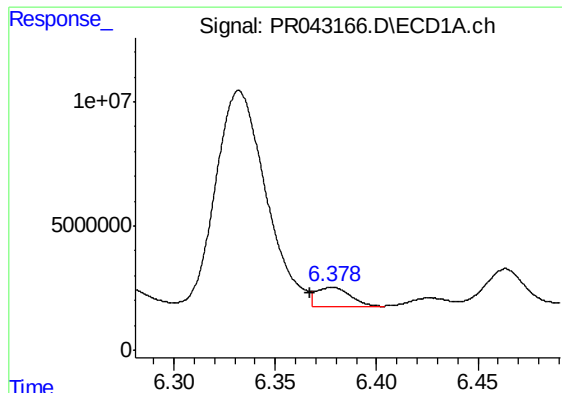
#22 AR-1248-2

R.T.: 6.175 min
Delta R.T.: 0.015 min
Response: 3549205
Conc: 34.88 ng/ml



#22 AR-1248-2

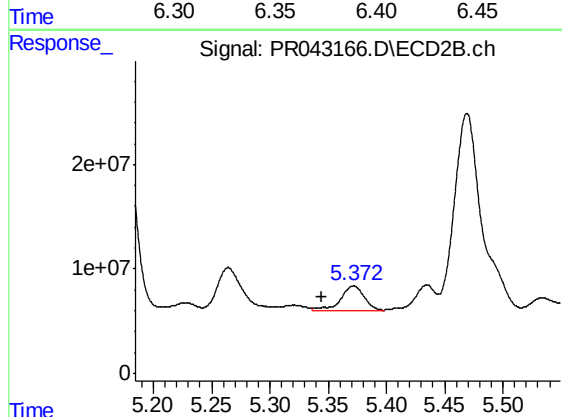
R.T.: 5.264 min
Delta R.T.: -0.037 min
Response: 60361202
Conc: 262.48 ng/ml



#23 AR-1248-3

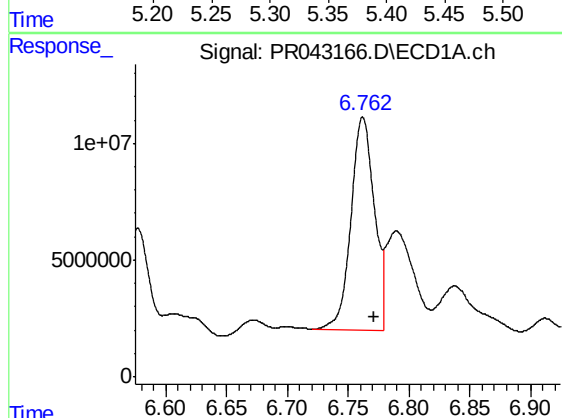
R.T.: 6.378 min
Delta R.T.: 0.011 min
Response: 8955939
Conc: 77.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



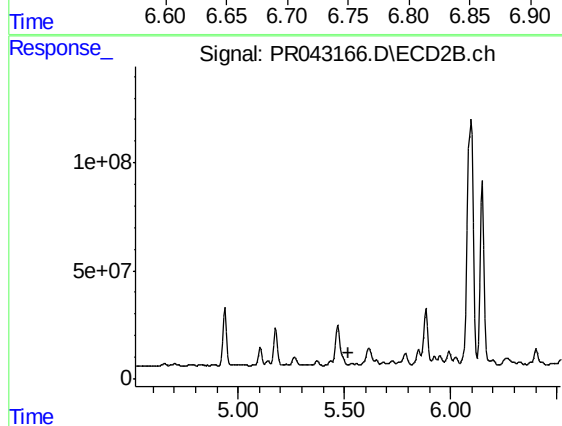
#23 AR-1248-3

R.T.: 5.372 min
Delta R.T.: 0.028 min
Response: 31672739
Conc: 138.62 ng/ml



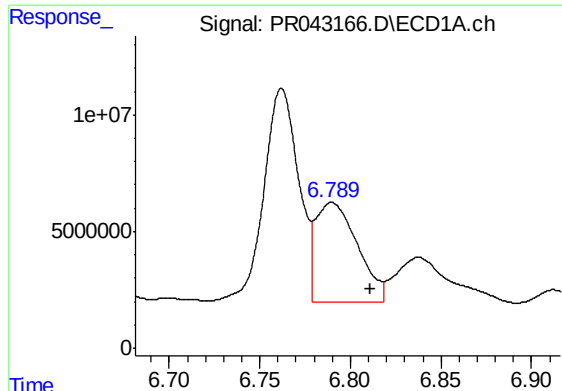
#24 AR-1248-4

R.T.: 6.762 min
Delta R.T.: -0.009 min
Response: 121965392
Conc: 845.56 ng/ml



#24 AR-1248-4

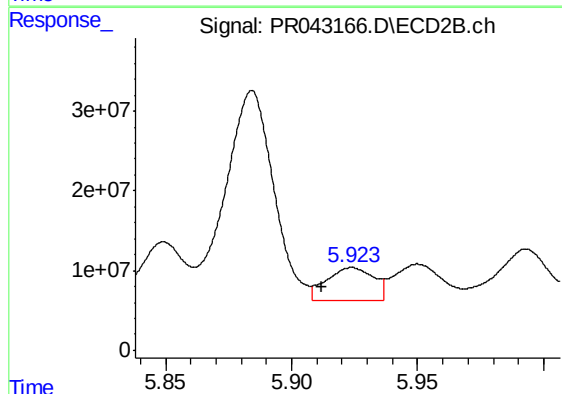
R.T.: 5.534 min
Delta R.T.: 0.016 min
Response: -17197830
Conc: N.D.



#25 AR-1248-5

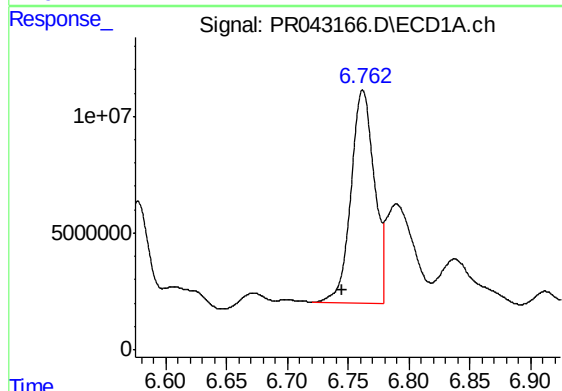
R.T.: 6.790 min
Delta R.T.: -0.022 min
Response: 67847081
Conc: 498.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



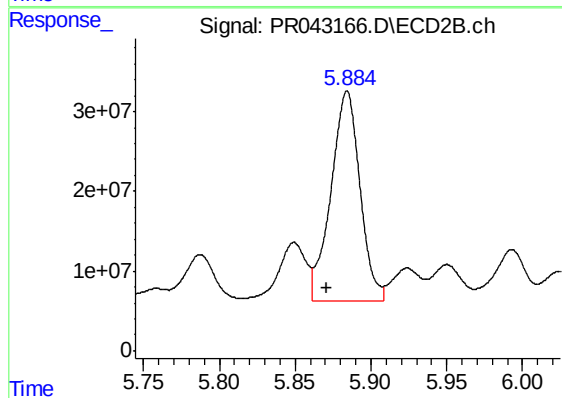
#25 AR-1248-5

R.T.: 5.924 min
Delta R.T.: 0.012 min
Response: 52507877
Conc: 165.92 ng/ml



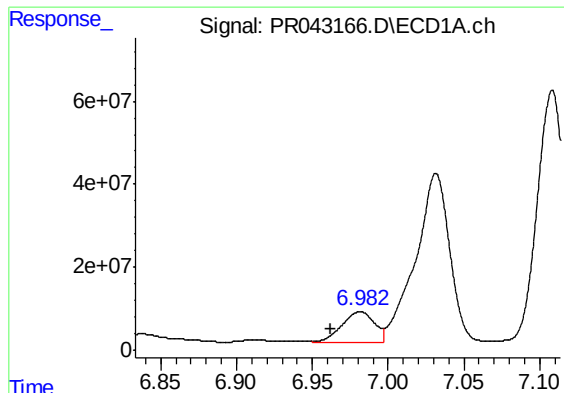
#26 AR-1254-1

R.T.: 6.762 min
Delta R.T.: 0.017 min
Response: 121965392
Conc: 866.60 ng/ml



#26 AR-1254-1

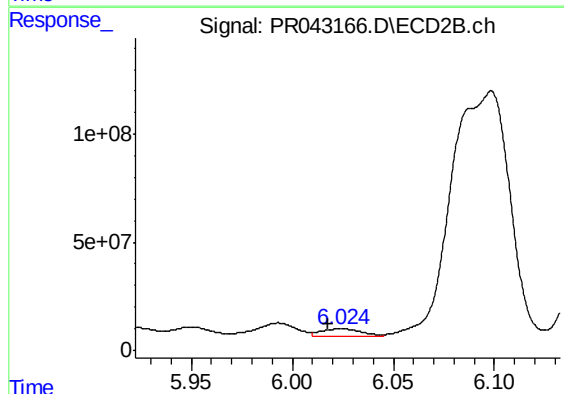
R.T.: 5.884 min
Delta R.T.: 0.013 min
Response: 350387673
Conc: 772.51 ng/ml



#27 AR-1254-2

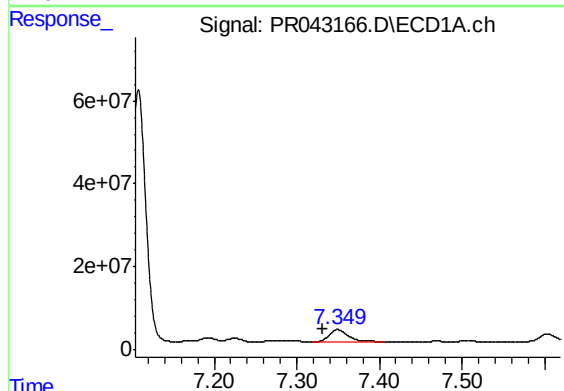
R.T.: 6.982 min
Delta R.T.: 0.019 min
Response: 108888112
Conc: 511.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



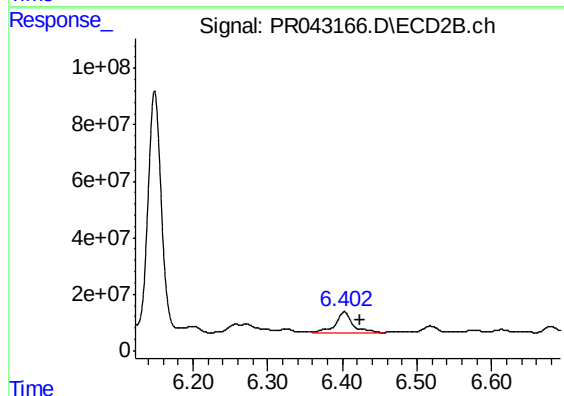
#27 AR-1254-2

R.T.: 6.024 min
Delta R.T.: 0.007 min
Response: 52291117
Conc: 119.40 ng/ml



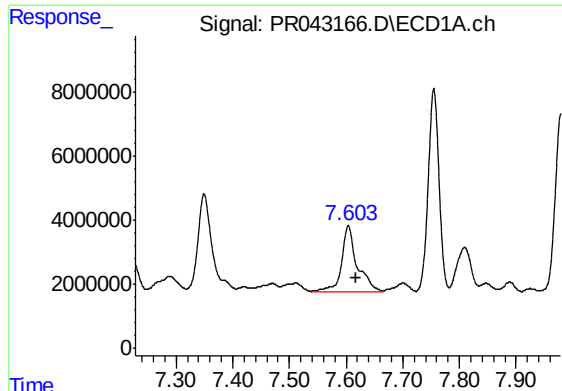
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: 0.018 min
Response: 48741834
Conc: 186.45 ng/ml



#28 AR-1254-3

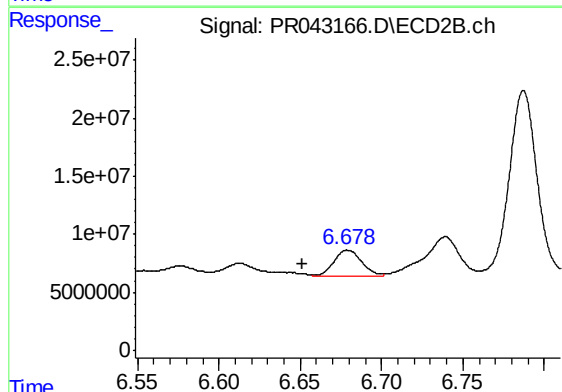
R.T.: 6.402 min
Delta R.T.: -0.021 min
Response: 123243452
Conc: 157.49 ng/ml



#29 AR-1254-4

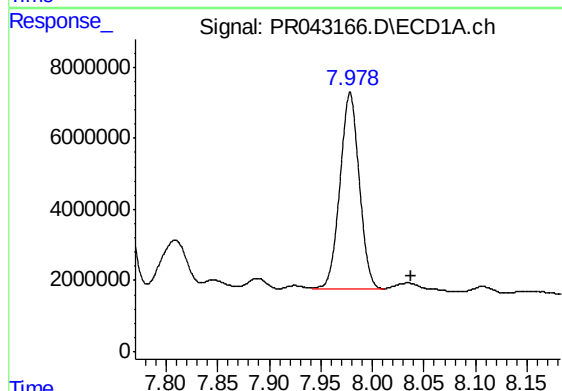
R.T.: 7.604 min
Delta R.T.: -0.013 min
Response: 38314203
Conc: 187.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



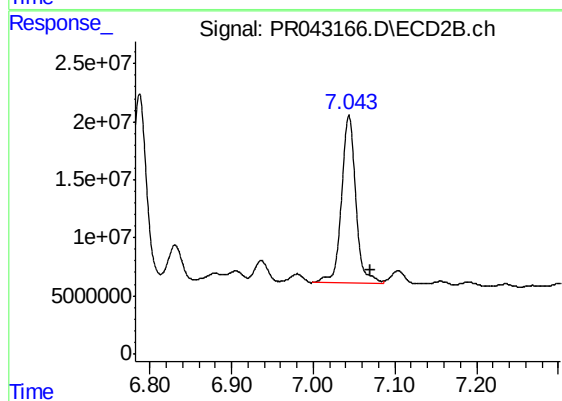
#29 AR-1254-4

R.T.: 6.679 min
Delta R.T.: 0.028 min
Response: 26946193
Conc: 45.42 ng/ml



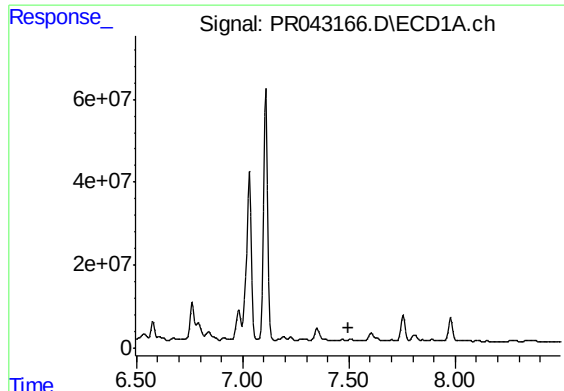
#30 AR-1254-5

R.T.: 7.979 min
Delta R.T.: -0.059 min
Response: 71641958
Conc: 324.06 ng/ml



#30 AR-1254-5

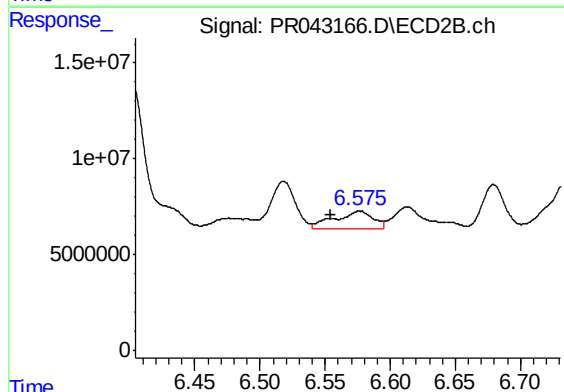
R.T.: 7.044 min
Delta R.T.: -0.026 min
Response: 176014690
Conc: 231.67 ng/ml



#31 AR-1260-1

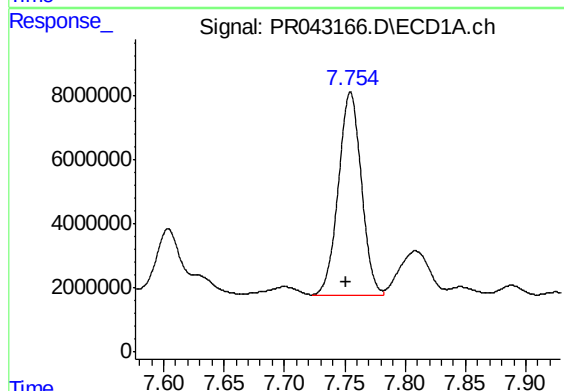
R.T.: 0.000 min
Exp R.T.: 7.496 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



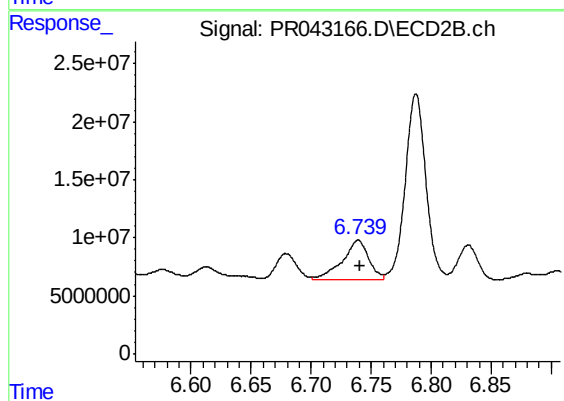
#31 AR-1260-1

R.T.: 6.576 min
Delta R.T.: 0.022 min
Response: 18001103
Conc: 35.14 ng/ml



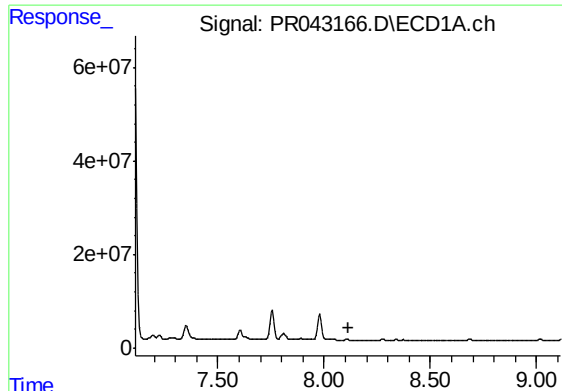
#32 AR-1260-2

R.T.: 7.755 min
Delta R.T.: 0.004 min
Response: 83571944
Conc: 350.40 ng/ml



#32 AR-1260-2

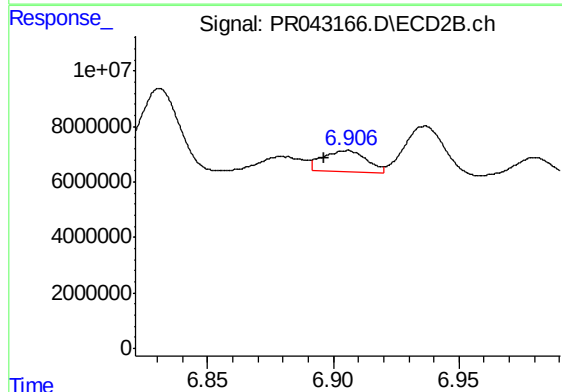
R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 52055272
Conc: 73.10 ng/ml



#33 AR-1260-3

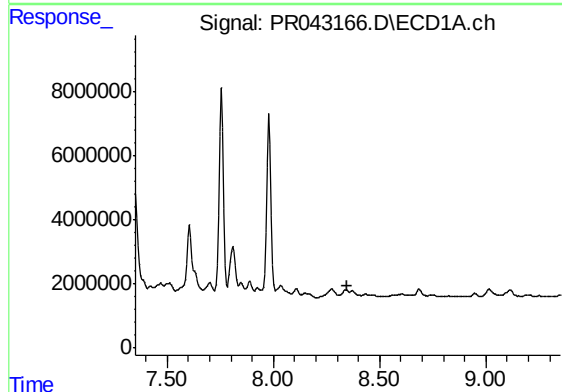
R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



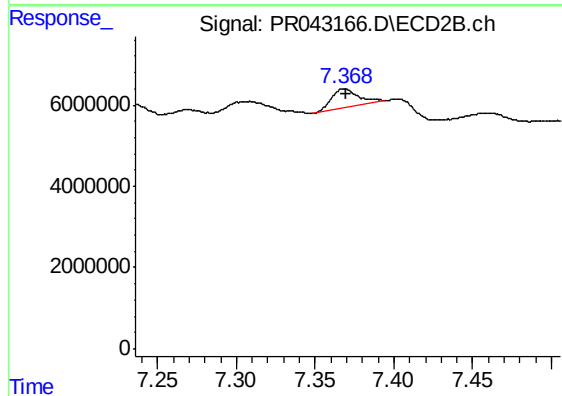
#33 AR-1260-3

R.T.: 6.905 min
Delta R.T.: 0.009 min
Response: 9200078
Conc: 15.62 ng/ml



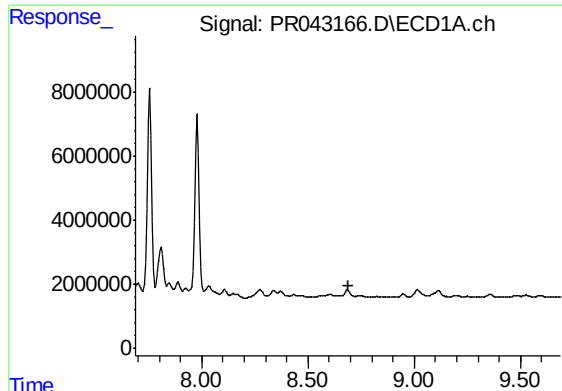
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.350 min
Response: 0
Conc: N.D.



#34 AR-1260-4

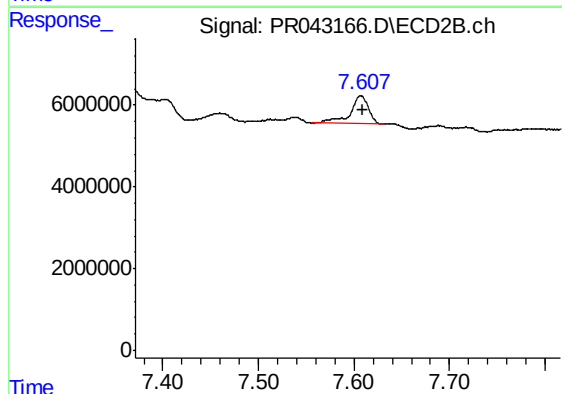
R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 5243106
Conc: 10.39 ng/ml



#35 AR-1260-5

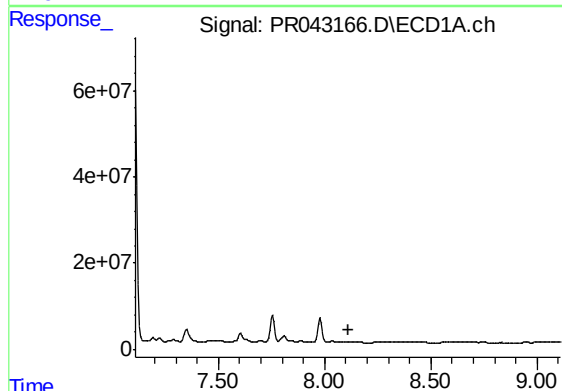
R.T.: 0.000 min
Exp R.T. : 8.689 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



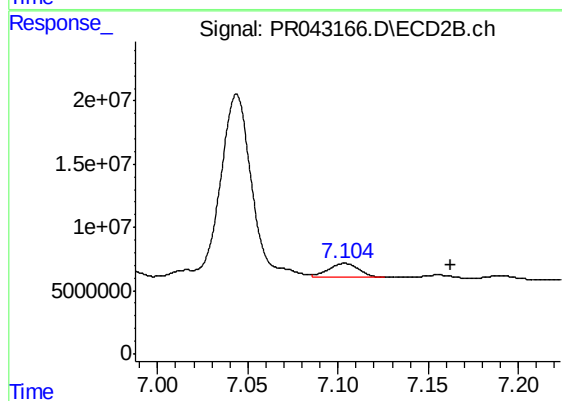
#35 AR-1260-5

R.T.: 7.607 min
Delta R.T.: -0.002 min
Response: 9215517
Conc: 6.43 ng/ml



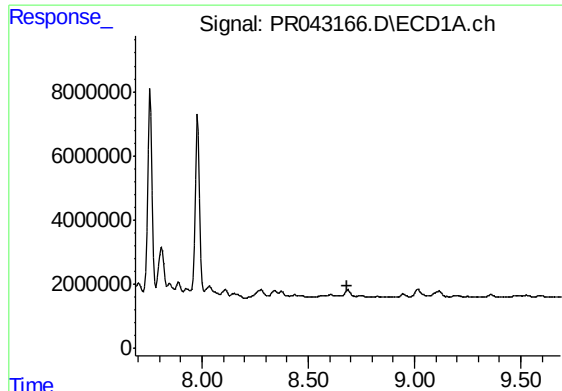
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#36 AR-1262-1

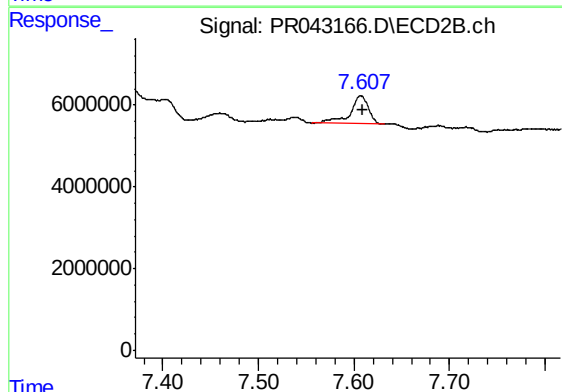
R.T.: 7.104 min
Delta R.T.: -0.058 min
Response: 13088661
Conc: 35.31 ng/ml



#37 AR-1262-2

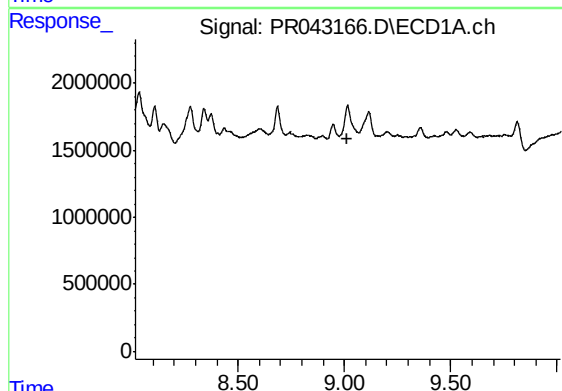
R.T.: 0.000 min
Exp R.T. : 8.686 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



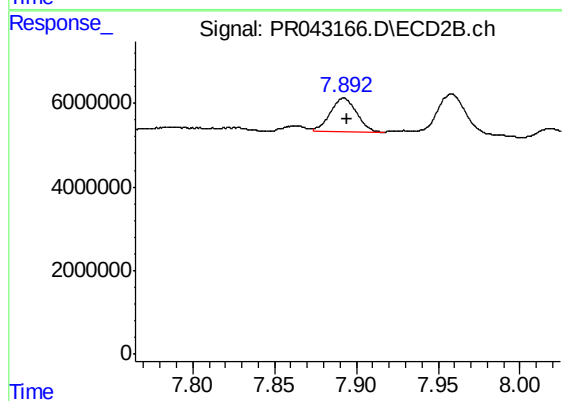
#37 AR-1262-2

R.T.: 7.607 min
Delta R.T.: -0.002 min
Response: 9215517
Conc: 5.14 ng/ml



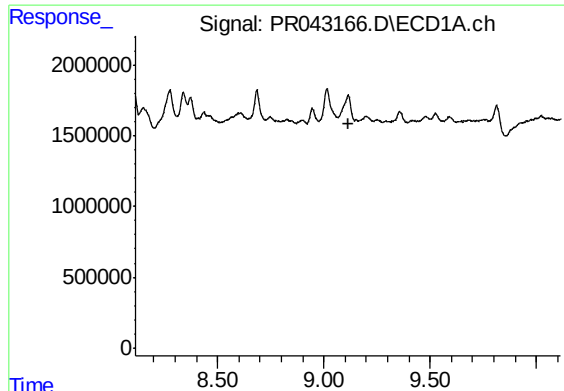
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.016 min
Response: 0
Conc: N.D.



#38 AR-1262-3

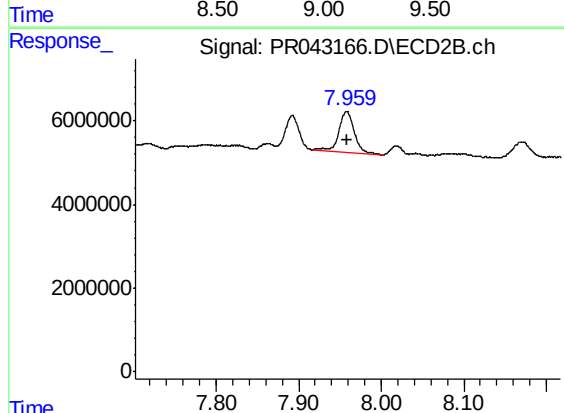
R.T.: 7.892 min
Delta R.T.: -0.002 min
Response: 9151643
Conc: 13.53 ng/ml



#39 AR-1262-4

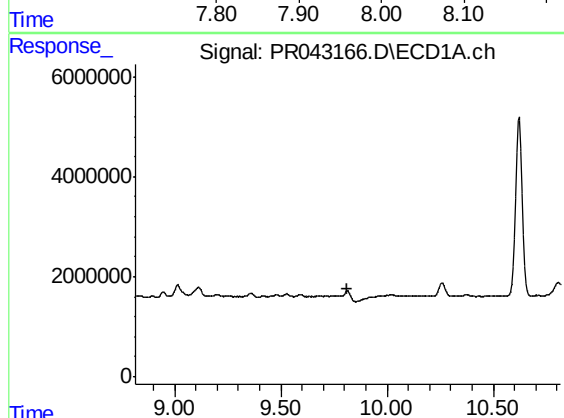
R.T.: 0.000 min
Exp R.T.: 9.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



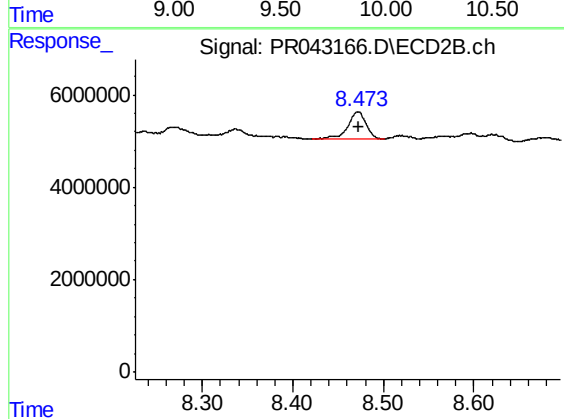
#39 AR-1262-4

R.T.: 7.958 min
Delta R.T.: 0.000 min
Response: 13323312
Conc: 11.25 ng/ml



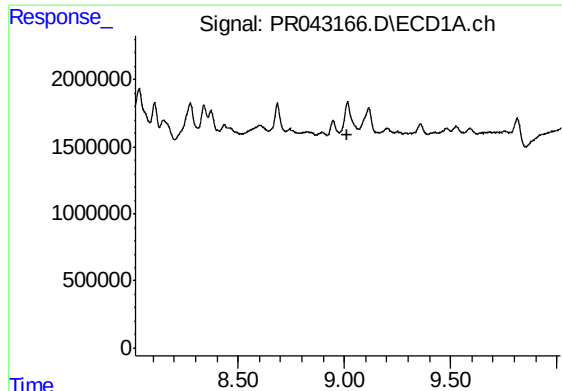
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.816 min
Response: 0
Conc: N.D.



#40 AR-1262-5

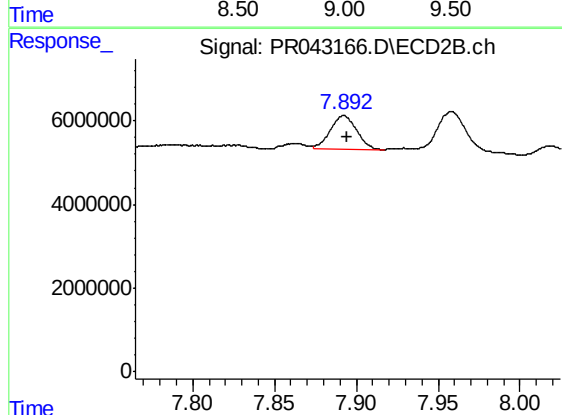
R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 8231807
Conc: 16.10 ng/ml



#41 AR-1268-1

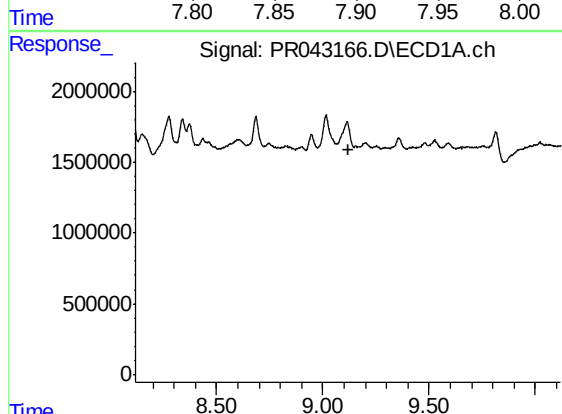
R.T.: 0.000 min
Exp R.T. : 9.017 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



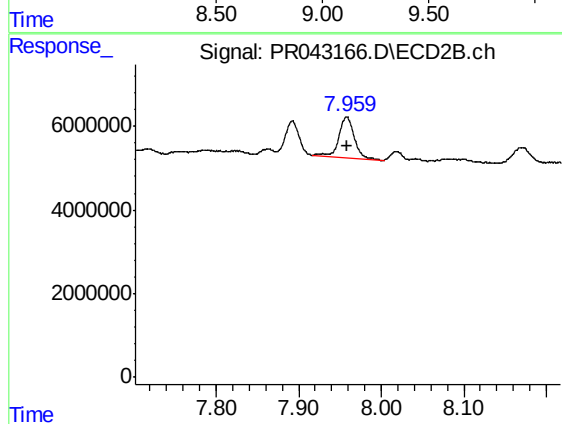
#41 AR-1268-1

R.T.: 7.892 min
Delta R.T.: -0.002 min
Response: 9151643
Conc: 4.46 ng/ml



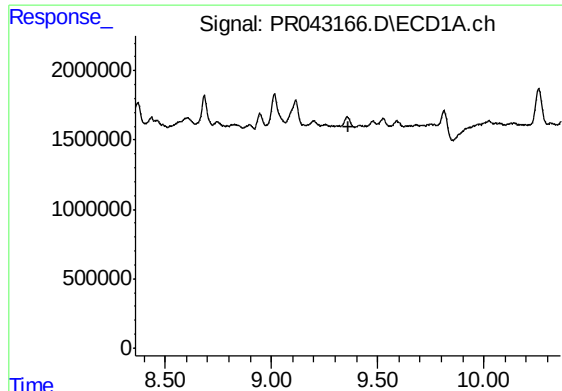
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.118 min
Response: 0
Conc: N.D.



#42 AR-1268-2

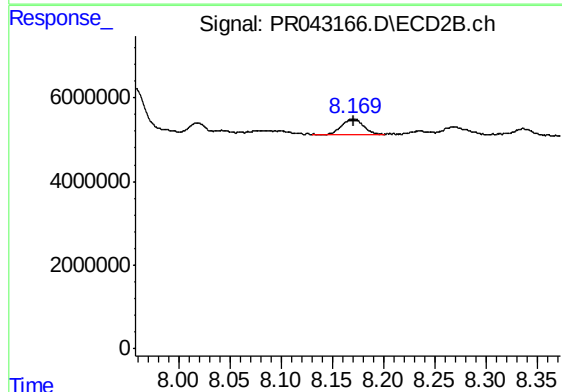
R.T.: 7.958 min
Delta R.T.: -0.001 min
Response: 13323312
Conc: 7.47 ng/ml



#43 AR-1268-3

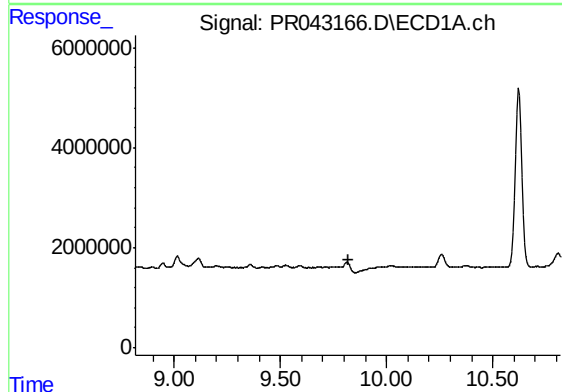
R.T.: 0.000 min
Exp R.T. : 9.361 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



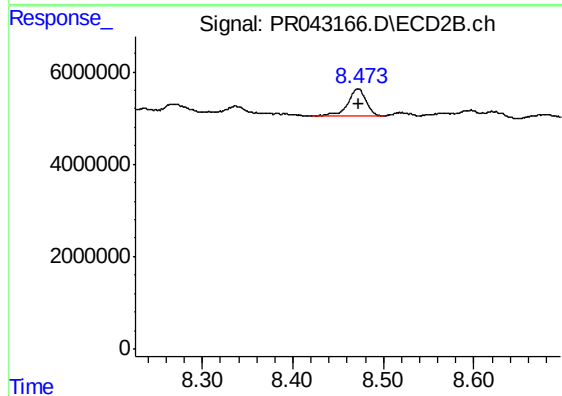
#43 AR-1268-3

R.T.: 8.170 min
Delta R.T.: -0.001 min
Response: 5305373
Conc: 3.53 ng/ml



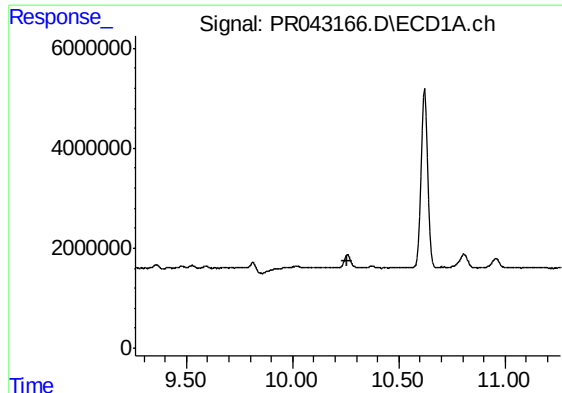
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.818 min
Response: 0
Conc: N.D.



#44 AR-1268-4

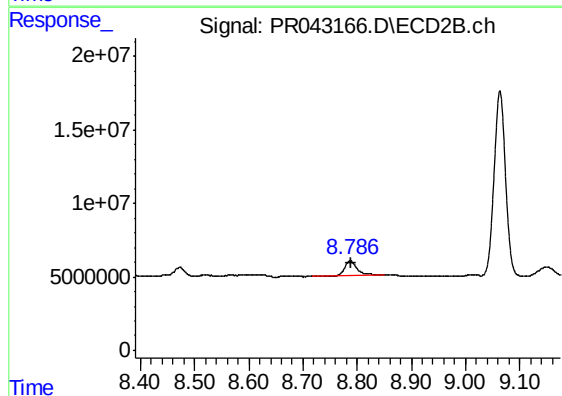
R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 8231807
Conc: 14.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.261 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
CL-02-111519



#45 AR-1268-5

R.T.: 8.787 min
Delta R.T.: -0.001 min
Response: 17607740
Conc: 4.33 ng/ml