

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042419\
 Data File : PR037340.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2019 10:30
 Operator : SM\SJ
 Sample : K1560-03
 Misc : AR1221 MDL 25PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 00:50:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Apr 22 17:27:39 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...	4.379	3.411	19408941	77383151	15.515	16.137
2)	SA Decachlor...	10.015	8.255	23931633	117.5E6	18.095	20.168
Target Compounds							
3)	L1 AR-1016-1	0.000	4.457	0	1441878	N.D.	7.919 #
4)	L1 AR-1016-2	0.000	4.457	0	1441878	N.D.	5.111 #
5)	L1 AR-1016-3	0.000	4.636	0	604833	N.D.	4.207 #
6)	L1 AR-1016-4	0.000	4.718	0	314939	N.D.	2.847 #
7)	L1 AR-1016-5	0.000	4.890	0	585886	N.D.	3.854 #
8)	L2 AR-1221-1	4.586	3.616	516434	2180041	41.304	42.814
9)	L2 AR-1221-2	4.679	3.699	570714	2914561	63.104	78.484
10)	L2 AR-1221-3	4.750	3.771	1252637	5259057	40.870	42.949
11)	L3 AR-1232-1	4.750	3.771	1252637	5259057	42.824	44.953
12)	L3 AR-1232-2	0.000	4.457	0	1441878	N.D.	10.431 #
13)	L3 AR-1232-3	0.000	4.636	0	604833	N.D.	8.616 #
14)	L3 AR-1232-4	0.000	4.718	0	314939	N.D.	5.278 #
15)	L3 AR-1232-5	0.000	4.890	0	585886	N.D.	8.585 #
16)	L4 AR-1242-1	0.000	4.457	0	1441878	N.D.	9.840 #
17)	L4 AR-1242-2	0.000	4.457	0	1441878	N.D.	6.320 #
18)	L4 AR-1242-3	0.000	4.636	0	604833	N.D.	5.231 #
19)	L4 AR-1242-4	0.000	4.718	0	314939	N.D.	2.865 #
20)	L4 AR-1242-5	6.390	5.201	565130	2408142	17.562	14.533
21)	L5 AR-1248-1	0.000	4.457	0	1441878	N.D.	14.324 #
22)	L5 AR-1248-2	0.000	4.718	0	314939	N.D.	2.308 #
23)	L5 AR-1248-3	0.000	4.718	0	314939	N.D.	2.250 #
24)	L5 AR-1248-4	6.390	4.890	565130	585886	11.544	3.292 #
25)	L5 AR-1248-5	6.390	5.253	565130	1580817	11.964	8.081 #
26)	L6 AR-1254-1	6.390	5.201	565130	2408142	10.345	6.991 #
27)	L6 AR-1254-2	0.000	5.333	0	234328	N.D.	0.782 #
28)	L6 AR-1254-3	6.983	5.769	1088643	1670144	11.968	3.526 #
29)	L6 AR-1254-4	0.000	5.983	0	300249	N.D.	0.856 #
30)	L6 AR-1254-5	0.000	6.418	0	18583193	N.D.	41.965 #
31)	L7 AR-1260-1	0.000	5.895	0	118075	N.D.	0.404 #
32)	L7 AR-1260-2	7.398	6.068	1401616	1809366	17.585	3.928 #
33)	L7 AR-1260-3	0.000	6.229	0	1808626	N.D.	5.073 #
34)	L7 AR-1260-4	0.000	6.751	0	21276322	N.D.	69.812 #
36)	L8 AR-1262-1	0.000	6.521	0	6168952	N.D.	24.615 #
39)	L8 AR-1262-4	0.000	7.291	0	40325346	N.D.	44.923 #
40)	L8 AR-1262-5	0.000	7.786	0	696240	N.D.	1.820 #
42)	L9 AR-1268-2	0.000	7.291	0	40325346	N.D.	38.082 #
43)	L9 AR-1268-3	0.000	7.470	0	57278649	N.D.	64.631 #
44)	L9 AR-1268-4	0.000	7.786	0	696240	N.D.	1.919 #
45)	L9 AR-1268-5	0.000	8.036	0	18772705	N.D.	7.379 #

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Data File : PR037340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2019 10:30
Operator : SM\SJ
Sample : K1560-03
Misc : AR1221 MDL 25PPB
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 00:50:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Apr 22 17:27:39 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

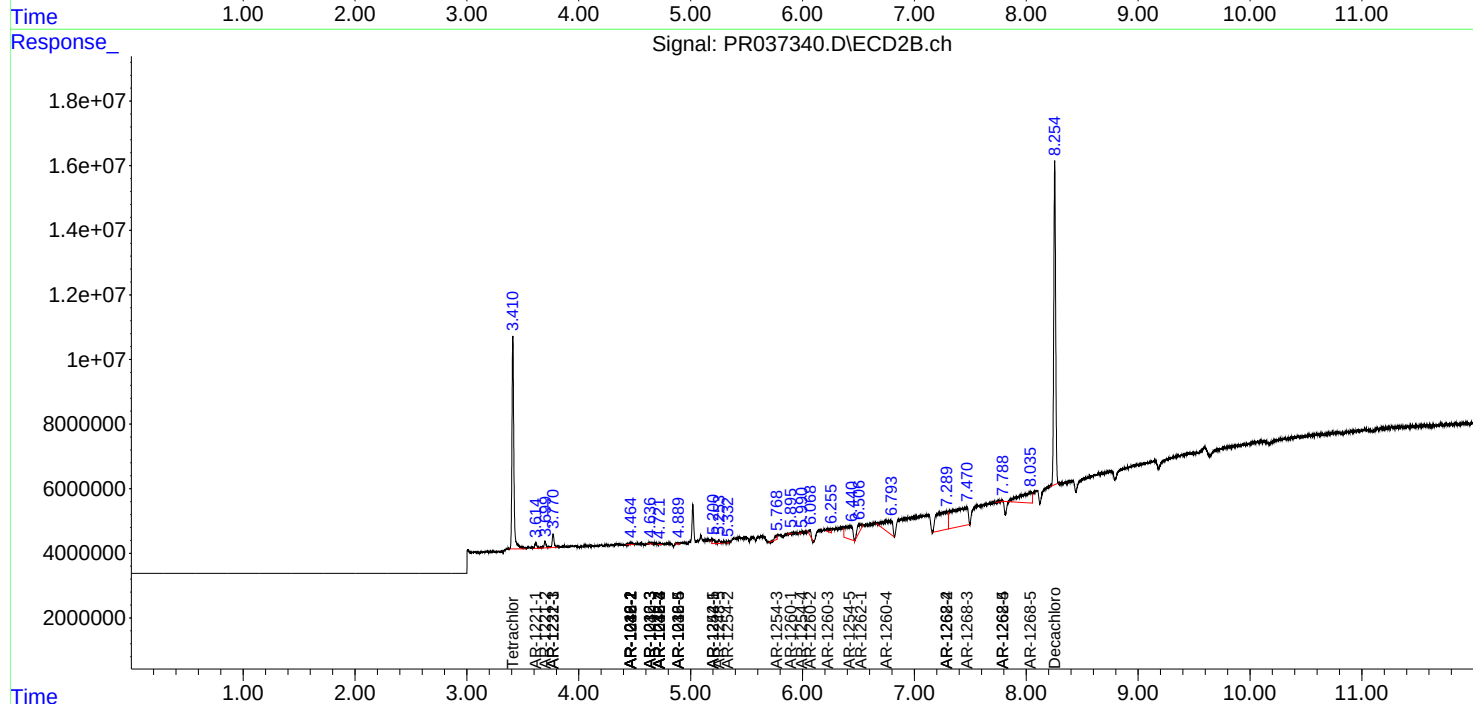
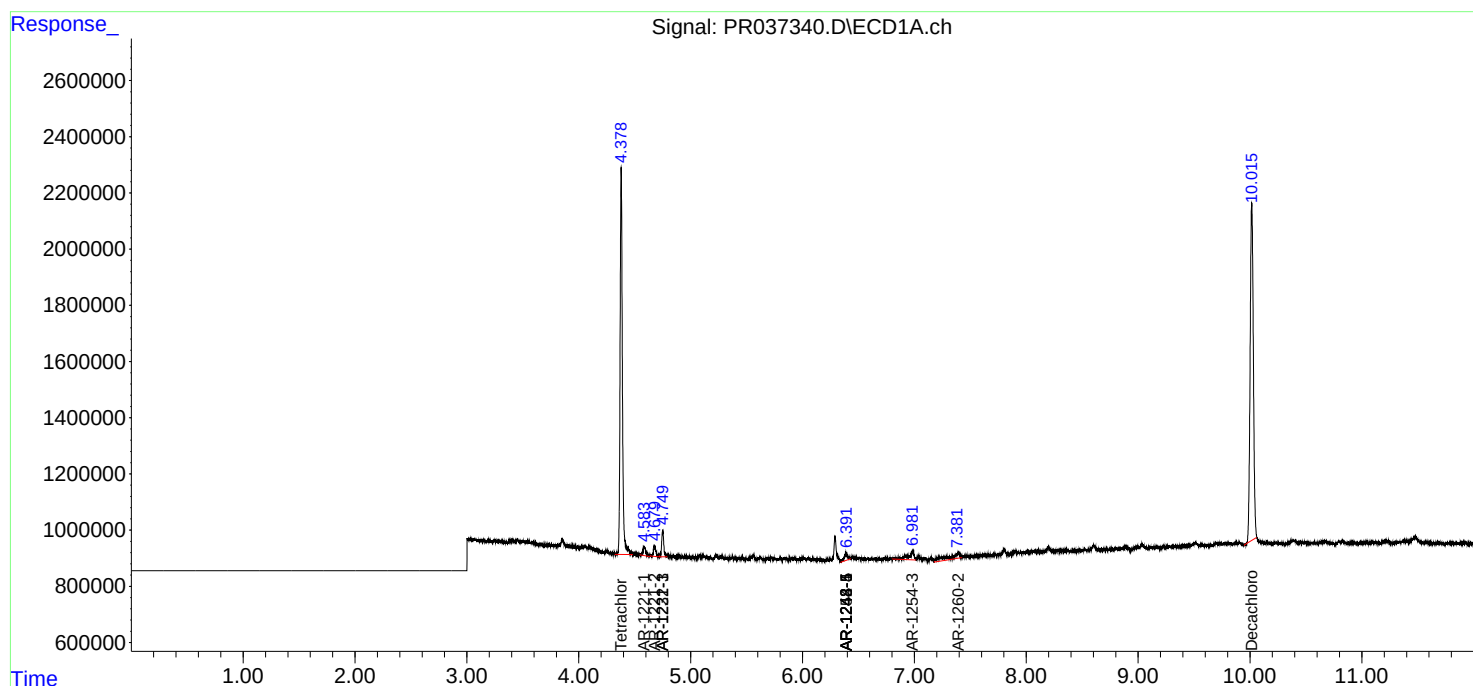
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

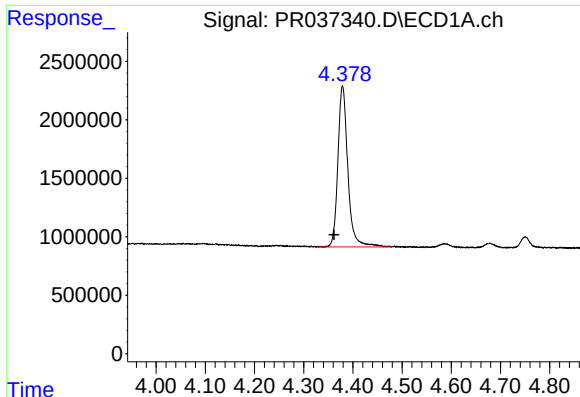
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042419\
Data File : PR037340.D
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Acq On : 24 Apr 2019 10:30
Operator : SM\SJ
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

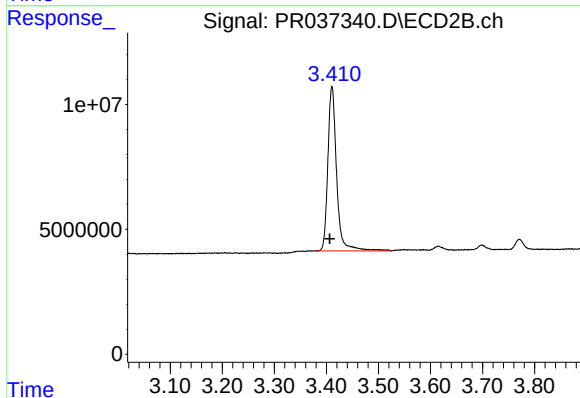




#1 Tetrachloro-m-xylene

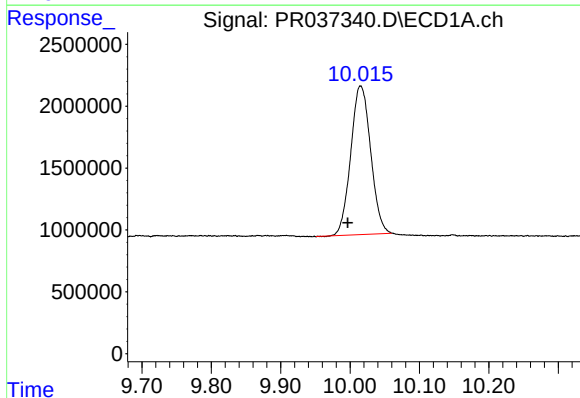
R.T.: 4.379 min
Delta R.T.: 0.017 min
Response: 19408941
Conc: 15.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



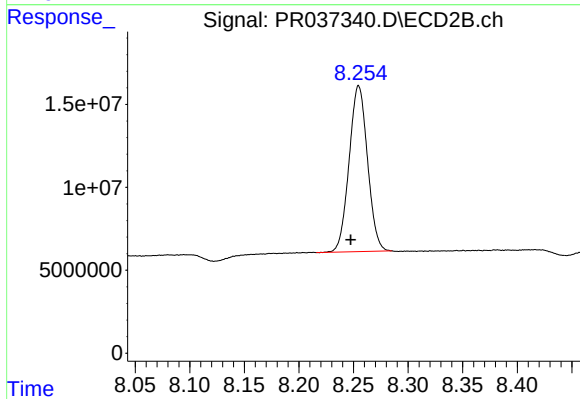
#1 Tetrachloro-m-xylene

R.T.: 3.411 min
Delta R.T.: 0.004 min
Response: 77383151
Conc: 16.14 ng/ml



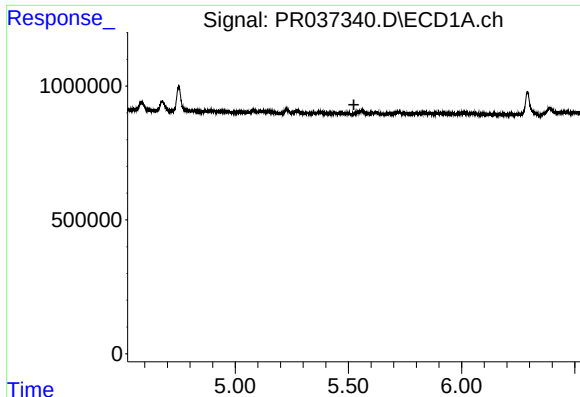
#2 Decachlorobiphenyl

R.T.: 10.015 min
Delta R.T.: 0.018 min
Response: 23931633
Conc: 18.09 ng/ml



#2 Decachlorobiphenyl

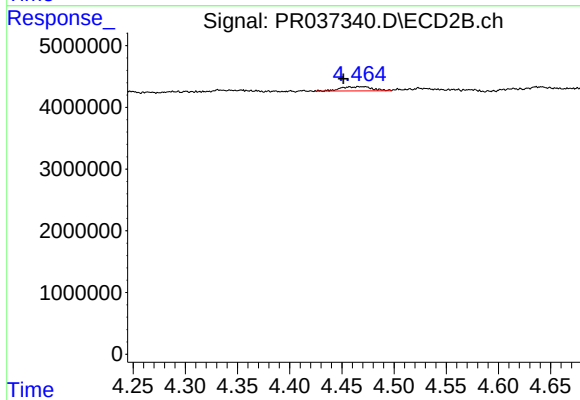
R.T.: 8.255 min
Delta R.T.: 0.007 min
Response: 117464826
Conc: 20.17 ng/ml



#3 AR-1016-1

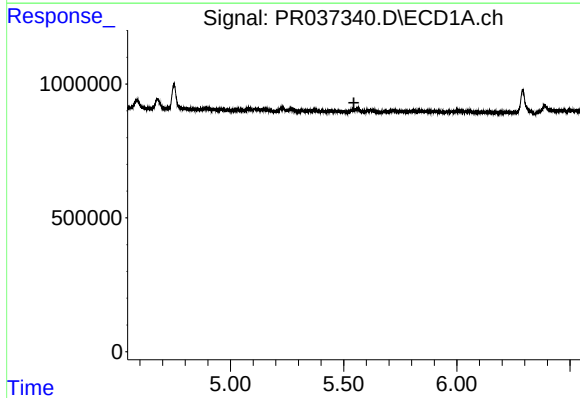
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



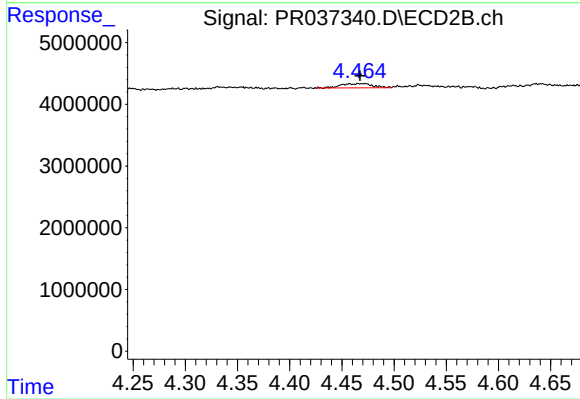
#3 AR-1016-1

R.T.: 4.457 min
Delta R.T.: 0.006 min
Response: 1441878
Conc: 7.92 ng/ml



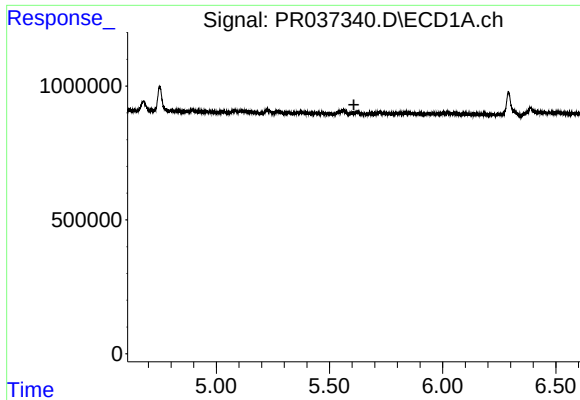
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#4 AR-1016-2

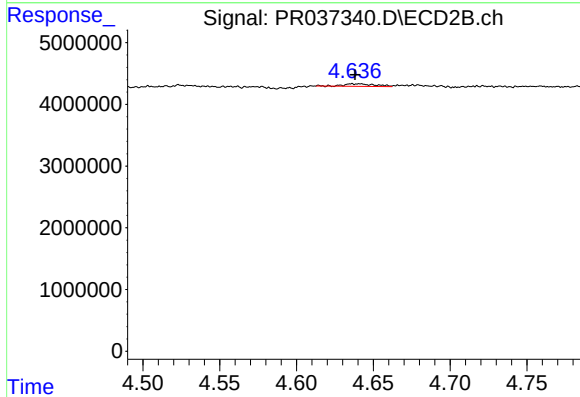
R.T.: 4.457 min
Delta R.T.: -0.010 min
Response: 1441878
Conc: 5.11 ng/ml



#5 AR-1016-3

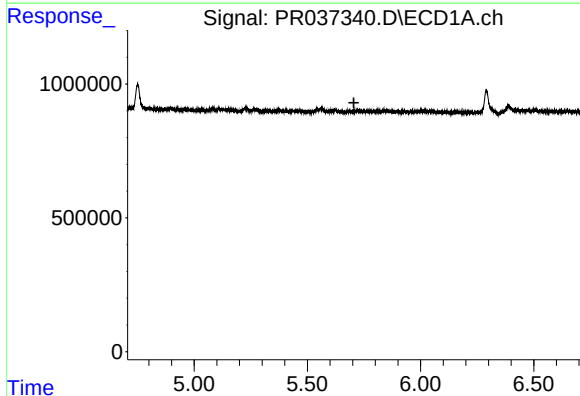
R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



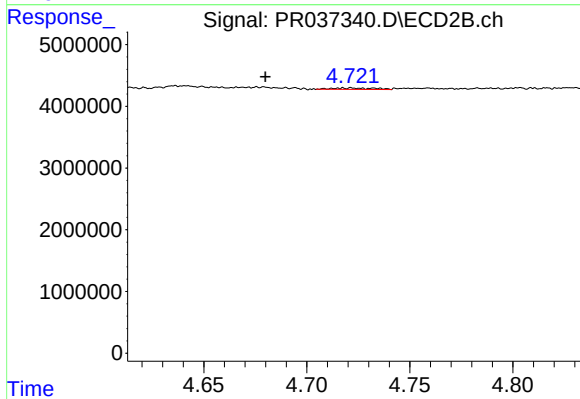
#5 AR-1016-3

R.T.: 4.636 min
Delta R.T.: -0.002 min
Response: 604833
Conc: 4.21 ng/ml



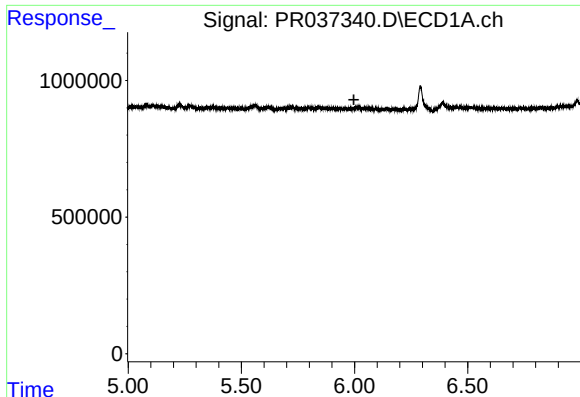
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.



#6 AR-1016-4

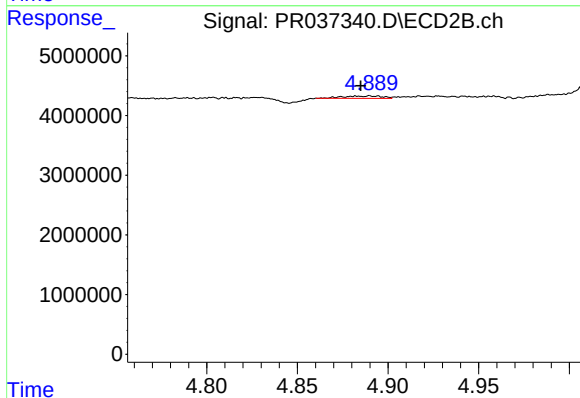
R.T.: 4.718 min
Delta R.T.: 0.038 min
Response: 314939
Conc: 2.85 ng/ml



#7 AR-1016-5

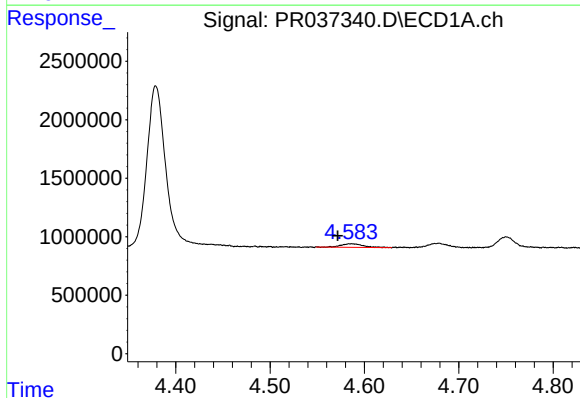
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



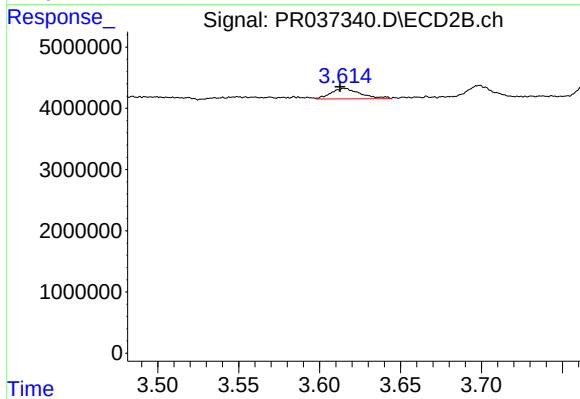
#7 AR-1016-5

R.T.: 4.890 min
Delta R.T.: 0.005 min
Response: 585886
Conc: 3.85 ng/ml



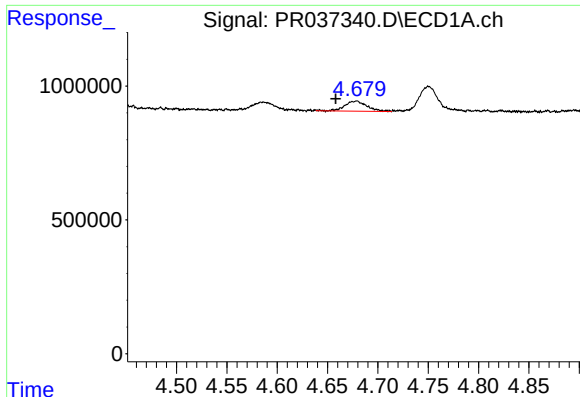
#8 AR-1221-1

R.T.: 4.586 min
Delta R.T.: 0.014 min
Response: 516434
Conc: 41.30 ng/ml



#8 AR-1221-1

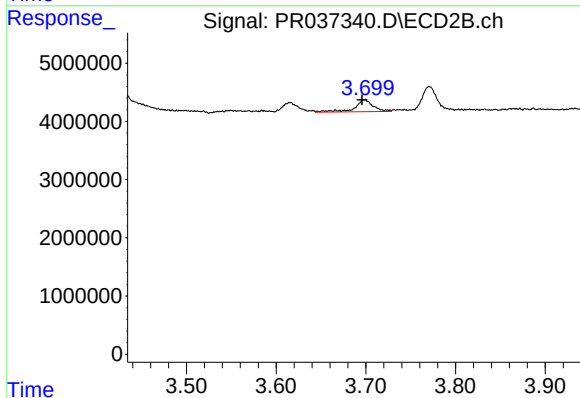
R.T.: 3.616 min
Delta R.T.: 0.003 min
Response: 2180041
Conc: 42.81 ng/ml



#9 AR-1221-2

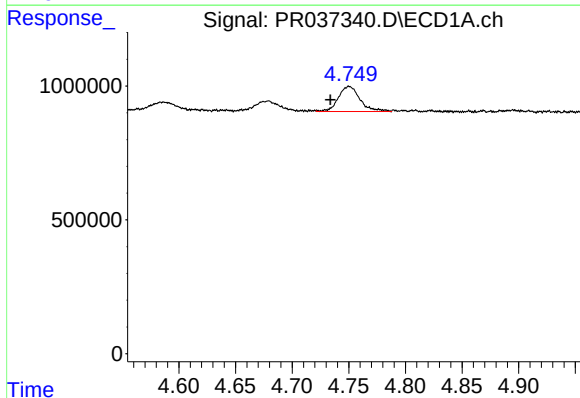
R.T.: 4.679 min
Delta R.T.: 0.021 min
Response: 570714
Conc: 63.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



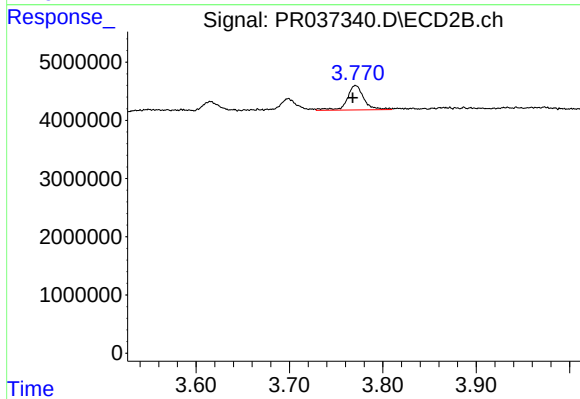
#9 AR-1221-2

R.T.: 3.699 min
Delta R.T.: 0.003 min
Response: 2914561
Conc: 78.48 ng/ml



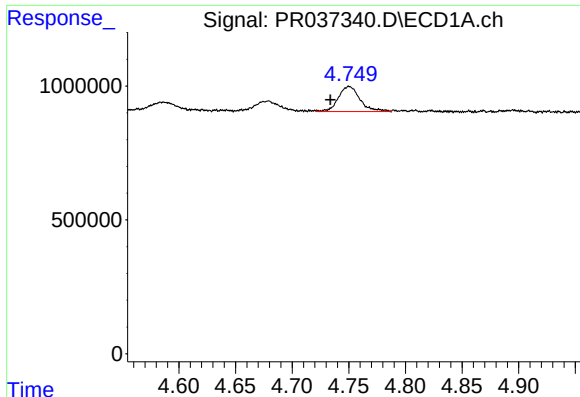
#10 AR-1221-3

R.T.: 4.750 min
Delta R.T.: 0.016 min
Response: 1252637
Conc: 40.87 ng/ml



#10 AR-1221-3

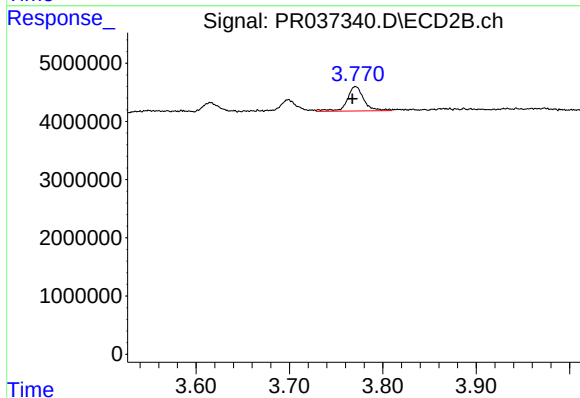
R.T.: 3.771 min
Delta R.T.: 0.003 min
Response: 5259057
Conc: 42.95 ng/ml



#11 AR-1232-1

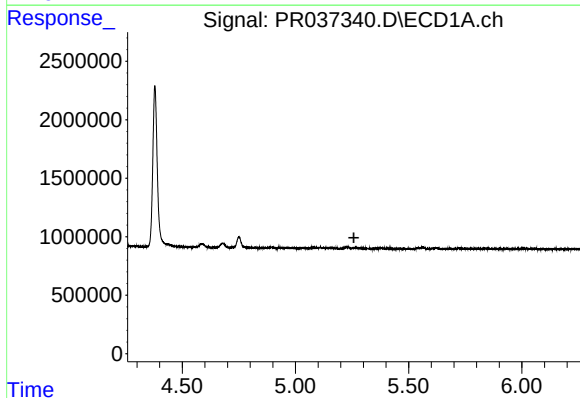
R.T.: 4.750 min
Delta R.T.: 0.017 min
Response: 1252637
Conc: 42.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



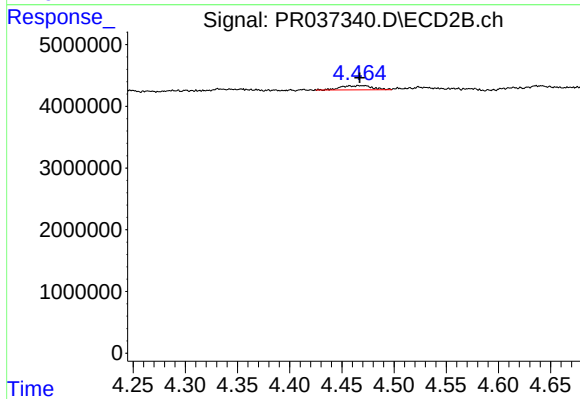
#11 AR-1232-1

R.T.: 3.771 min
Delta R.T.: 0.004 min
Response: 5259057
Conc: 44.95 ng/ml



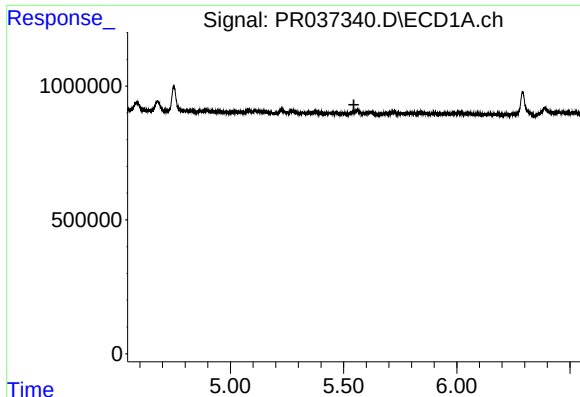
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.258 min
Response: 0
Conc: N.D.



#12 AR-1232-2

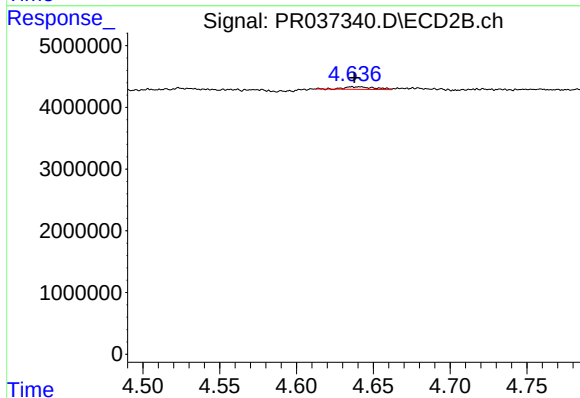
R.T.: 4.457 min
Delta R.T.: -0.010 min
Response: 1441878
Conc: 10.43 ng/ml



#13 AR-1232-3

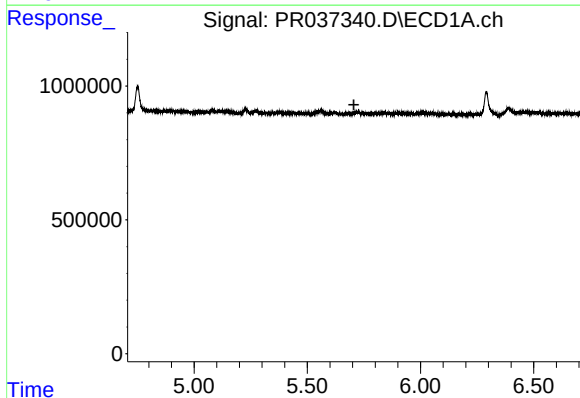
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



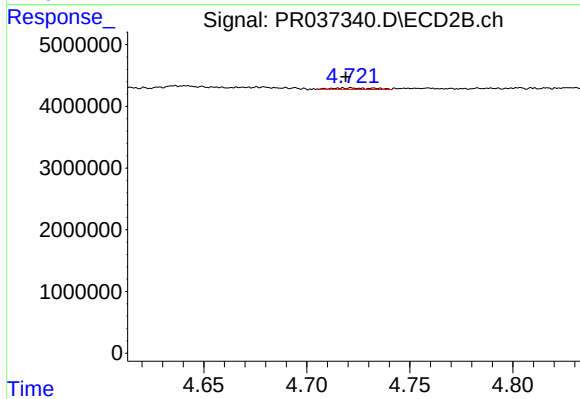
#13 AR-1232-3

R.T.: 4.636 min
Delta R.T.: -0.002 min
Response: 604833
Conc: 8.62 ng/ml



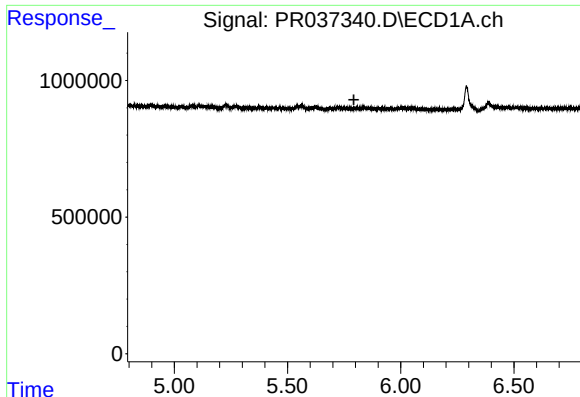
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.



#14 AR-1232-4

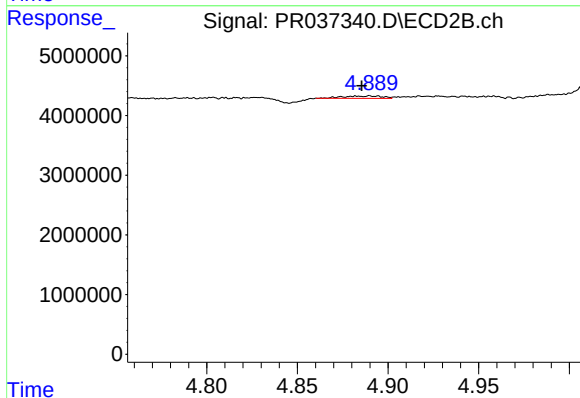
R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 314939
Conc: 5.28 ng/ml



#15 AR-1232-5

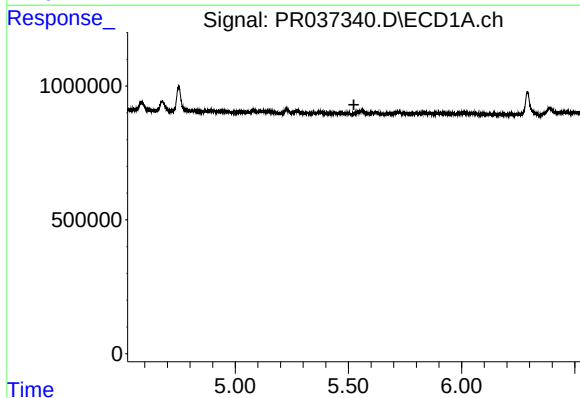
R.T.: 0.000 min
Exp R.T. : 5.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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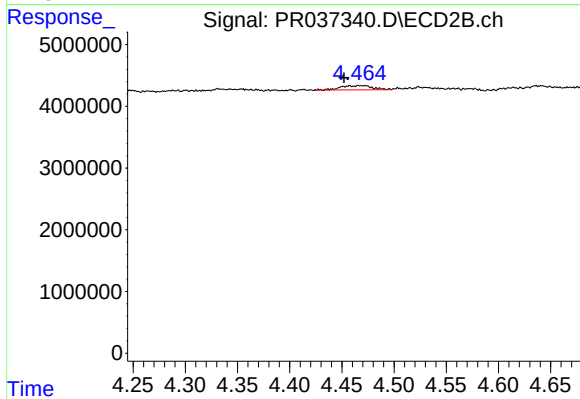
#15 AR-1232-5

R.T.: 4.890 min
Delta R.T.: 0.004 min
Response: 585886
Conc: 8.59 ng/ml



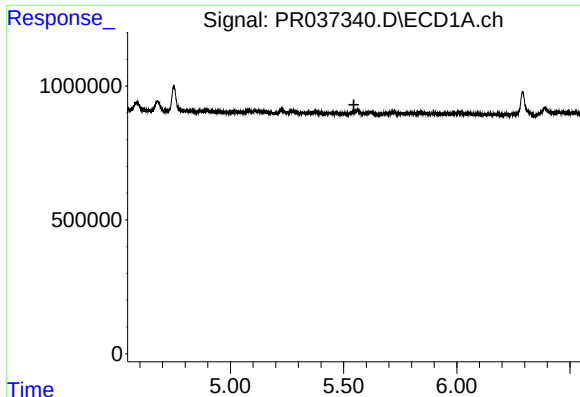
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#16 AR-1242-1

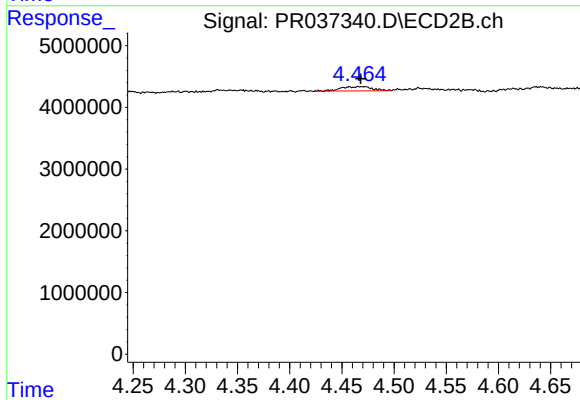
R.T.: 4.457 min
Delta R.T.: 0.005 min
Response: 1441878
Conc: 9.84 ng/ml



#17 AR-1242-2

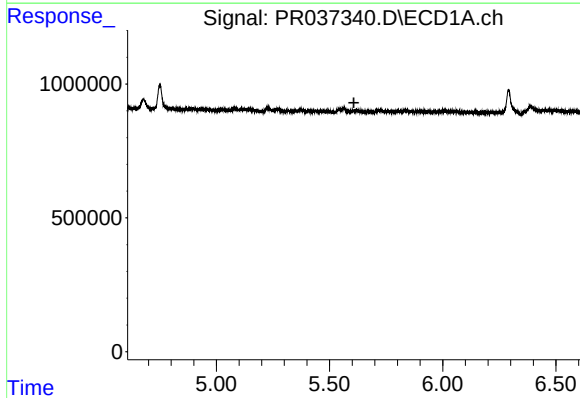
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



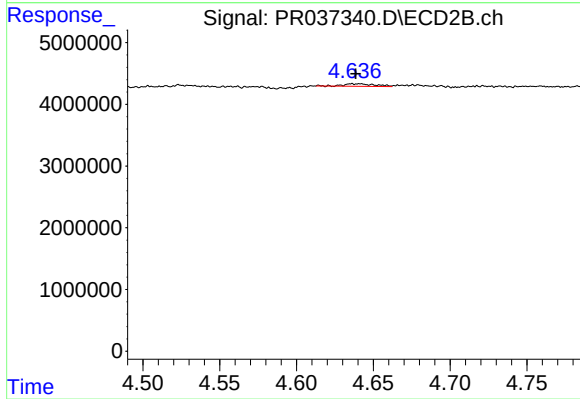
#17 AR-1242-2

R.T.: 4.457 min
Delta R.T.: -0.011 min
Response: 1441878
Conc: 6.32 ng/ml



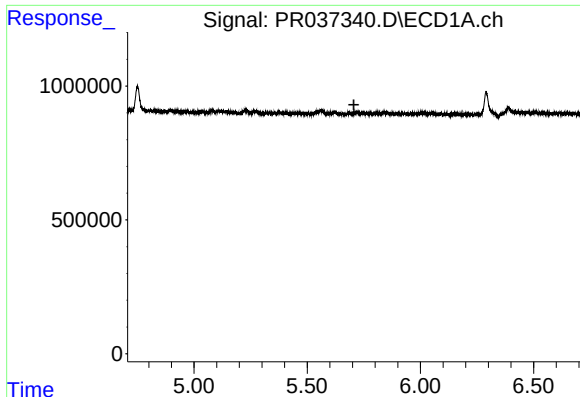
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.



#18 AR-1242-3

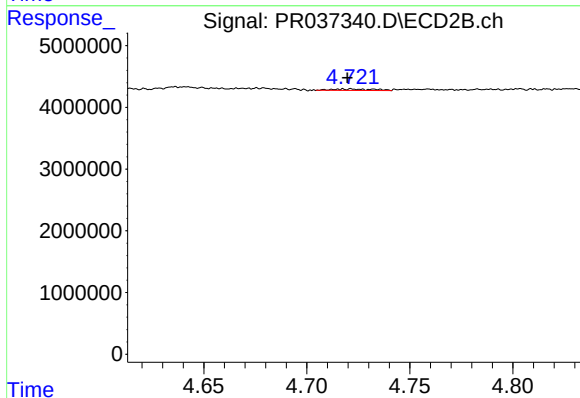
R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 604833
Conc: 5.23 ng/ml



#19 AR-1242-4

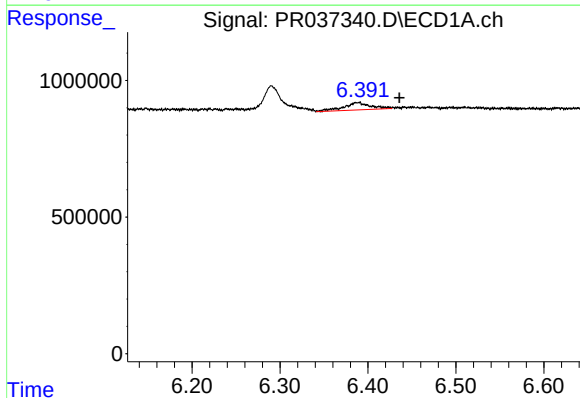
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



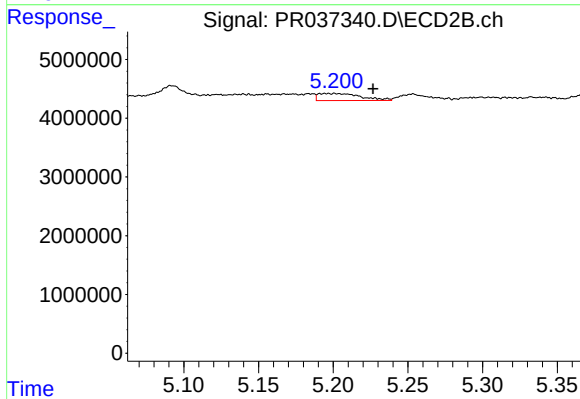
#19 AR-1242-4

R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 314939
Conc: 2.87 ng/ml



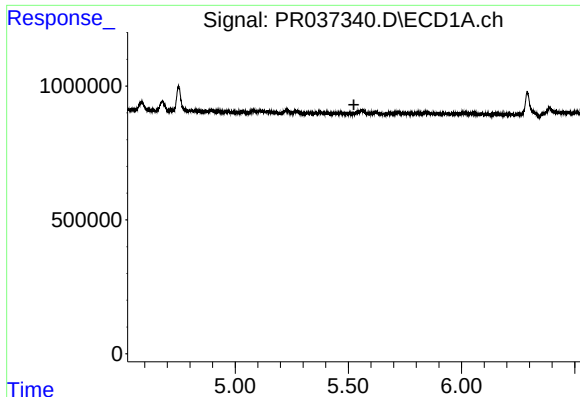
#20 AR-1242-5

R.T.: 6.390 min
Delta R.T.: -0.046 min
Response: 565130
Conc: 17.56 ng/ml



#20 AR-1242-5

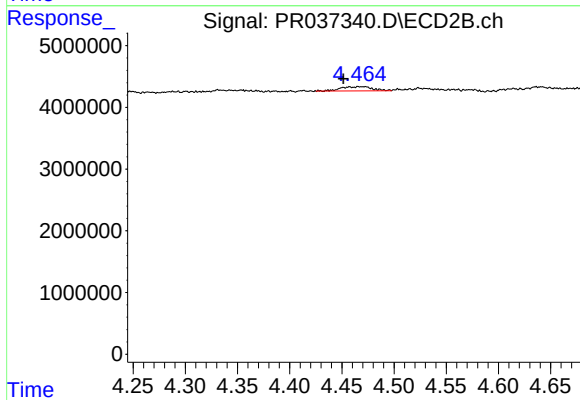
R.T.: 5.201 min
Delta R.T.: -0.025 min
Response: 2408142
Conc: 14.53 ng/ml



#21 AR-1248-1

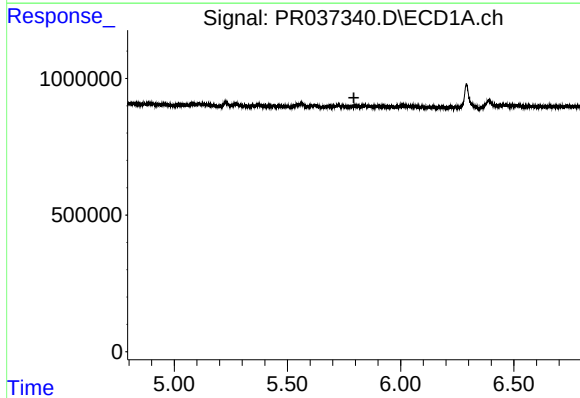
R.T.: 0.000 min
Exp R.T.: 5.525 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



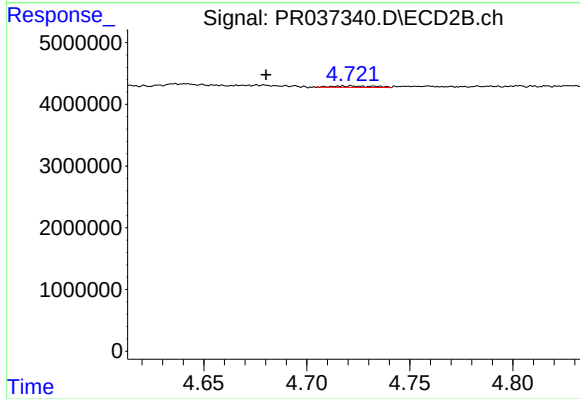
#21 AR-1248-1

R.T.: 4.457 min
Delta R.T.: 0.006 min
Response: 1441878
Conc: 14.32 ng/ml



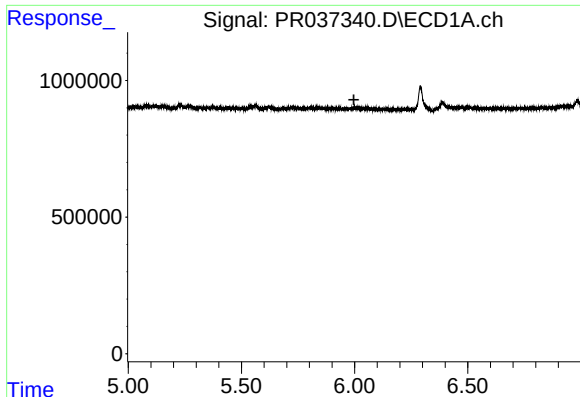
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.



#22 AR-1248-2

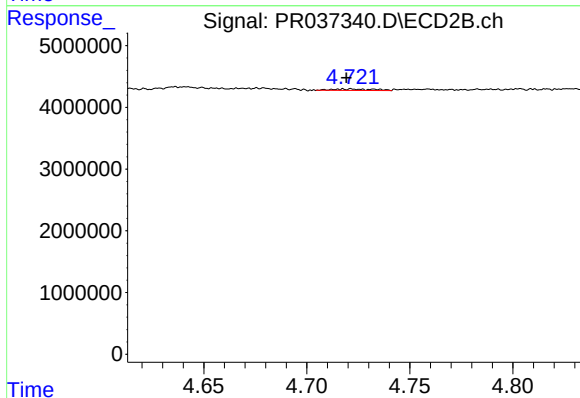
R.T.: 4.718 min
Delta R.T.: 0.037 min
Response: 314939
Conc: 2.31 ng/ml



#23 AR-1248-3

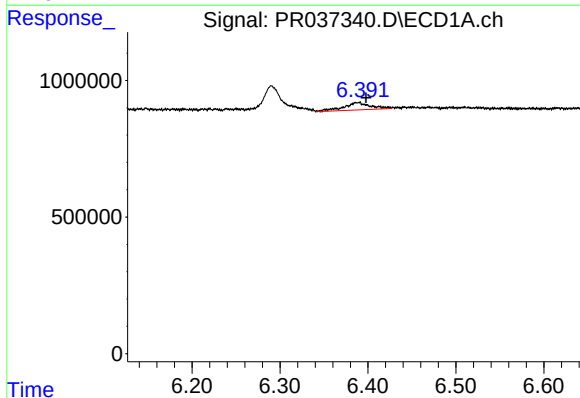
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



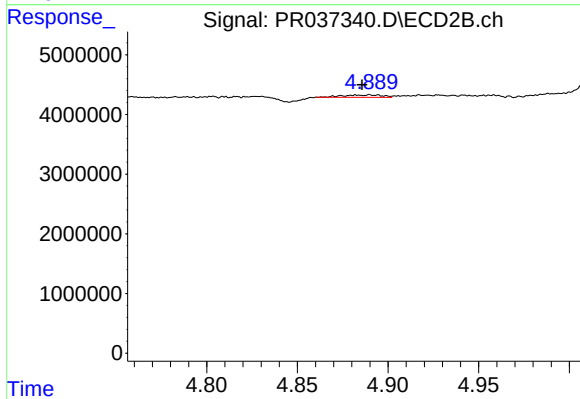
#23 AR-1248-3

R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 314939
Conc: 2.25 ng/ml



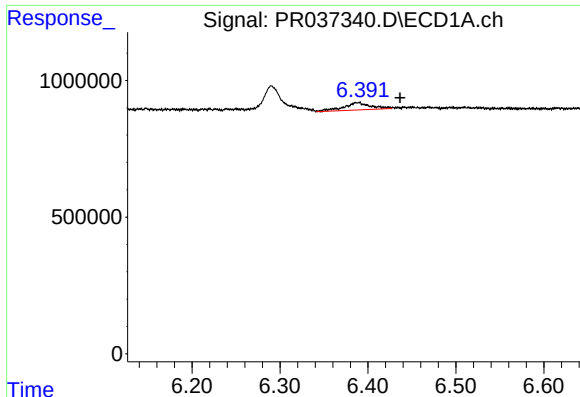
#24 AR-1248-4

R.T.: 6.390 min
Delta R.T.: -0.008 min
Response: 565130
Conc: 11.54 ng/ml



#24 AR-1248-4

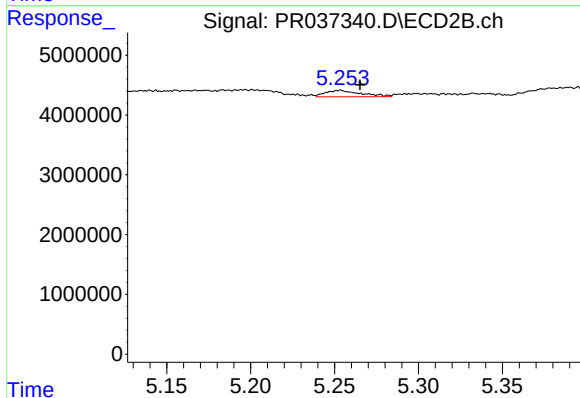
R.T.: 4.890 min
Delta R.T.: 0.004 min
Response: 585886
Conc: 3.29 ng/ml



#25 AR-1248-5

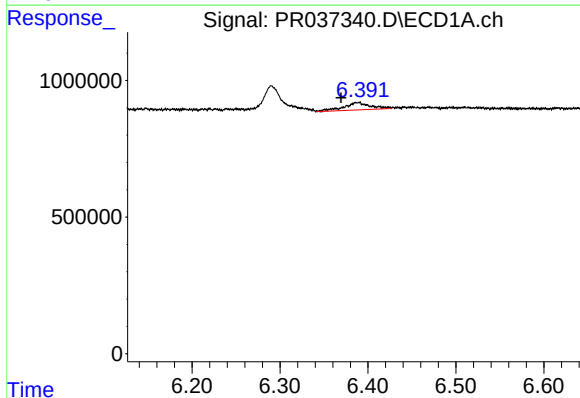
R.T.: 6.390 min
Delta R.T.: -0.047 min
Response: 565130
Conc: 11.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



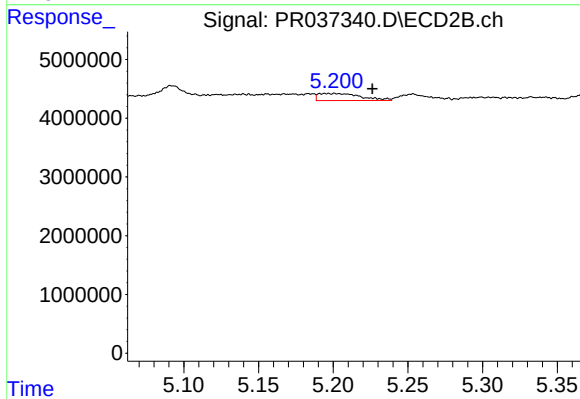
#25 AR-1248-5

R.T.: 5.253 min
Delta R.T.: -0.012 min
Response: 1580817
Conc: 8.08 ng/ml



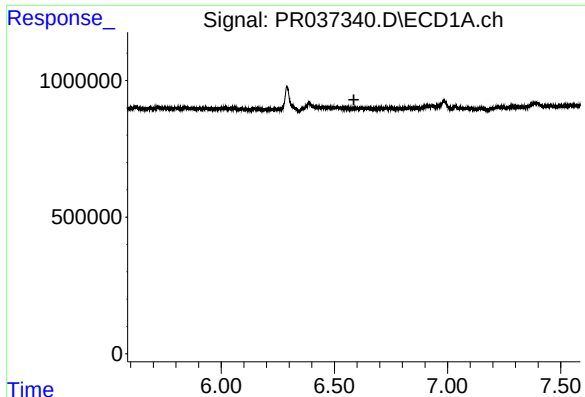
#26 AR-1254-1

R.T.: 6.390 min
Delta R.T.: 0.020 min
Response: 565130
Conc: 10.34 ng/ml



#26 AR-1254-1

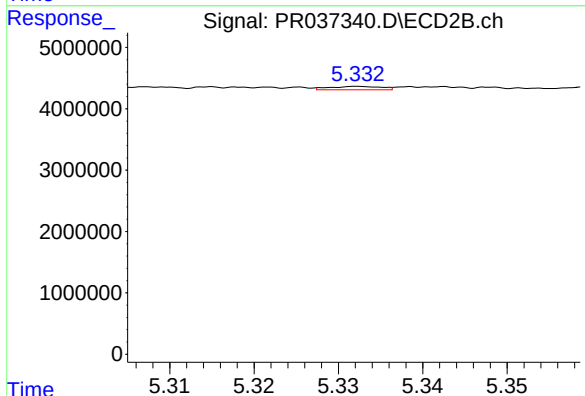
R.T.: 5.201 min
Delta R.T.: -0.025 min
Response: 2408142
Conc: 6.99 ng/ml



#27 AR-1254-2

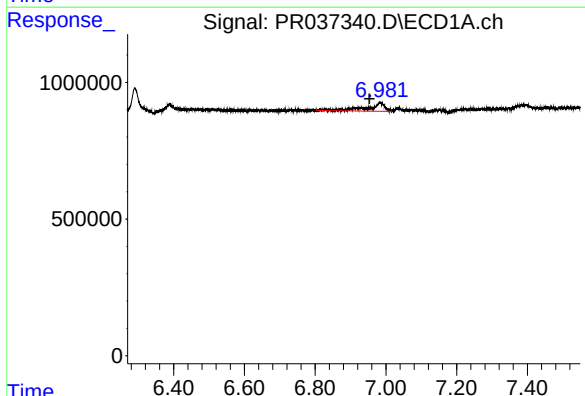
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



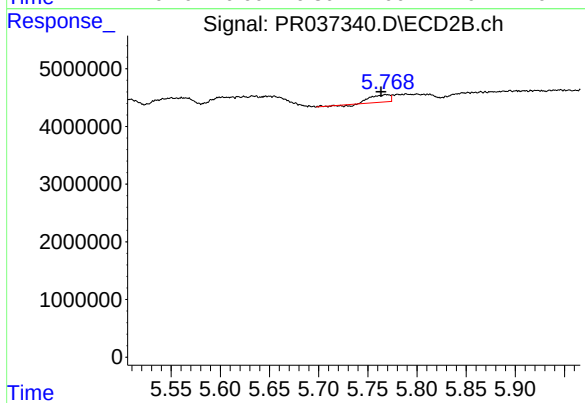
#27 AR-1254-2

R.T.: 5.333 min
Delta R.T.: -0.038 min
Response: 234328
Conc: 0.78 ng/ml



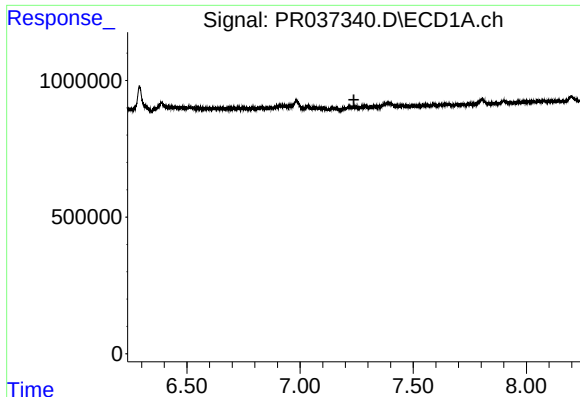
#28 AR-1254-3

R.T.: 6.983 min
Delta R.T.: 0.030 min
Response: 1088643
Conc: 11.97 ng/ml



#28 AR-1254-3

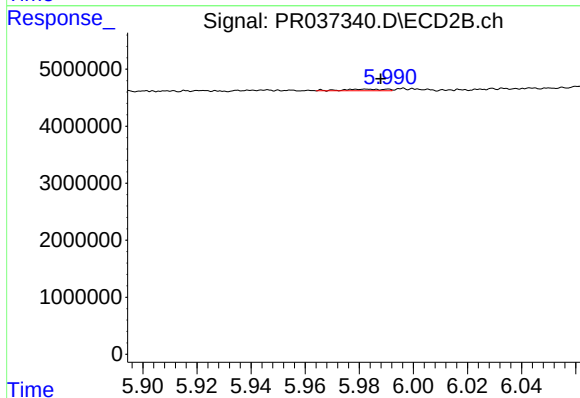
R.T.: 5.769 min
Delta R.T.: 0.005 min
Response: 1670144
Conc: 3.53 ng/ml



#29 AR-1254-4

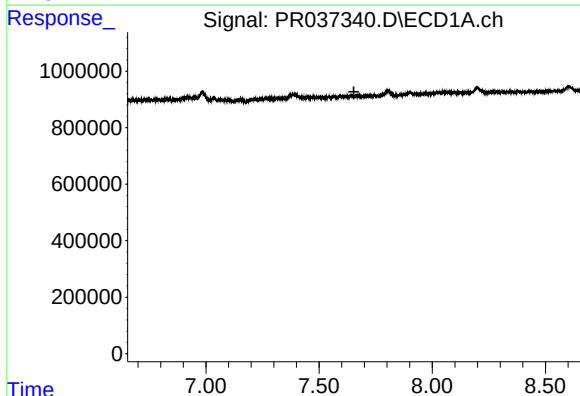
R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



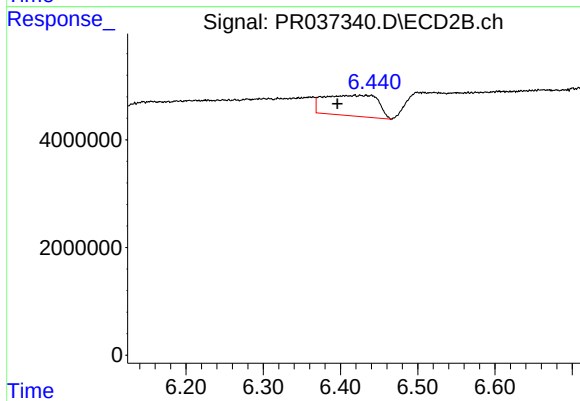
#29 AR-1254-4

R.T.: 5.983 min
Delta R.T.: -0.005 min
Response: 300249
Conc: 0.86 ng/ml



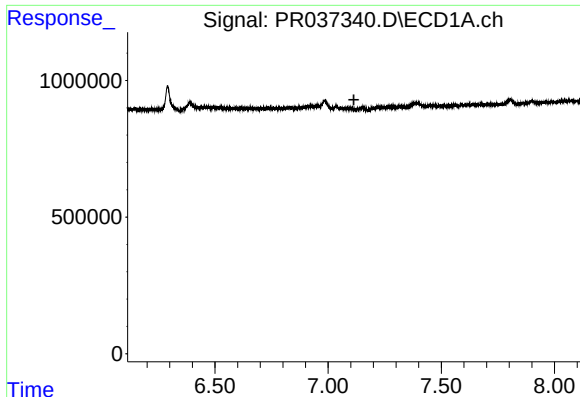
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.654 min
Response: 0
Conc: N.D.



#30 AR-1254-5

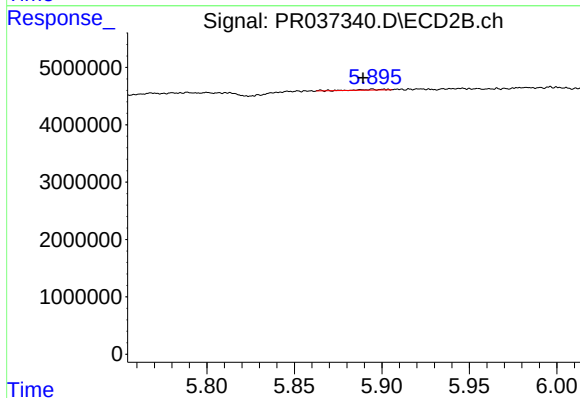
R.T.: 6.418 min
Delta R.T.: 0.022 min
Response: 18583193
Conc: 41.97 ng/ml



#31 AR-1260-1

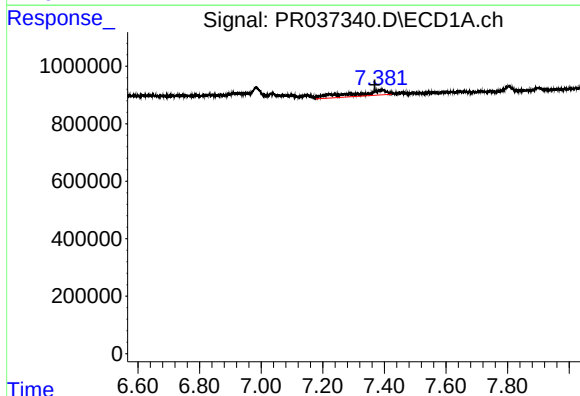
R.T.: 0.000 min
Exp R.T.: 7.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



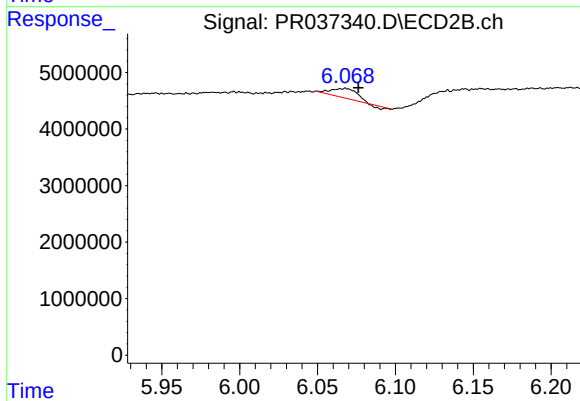
#31 AR-1260-1

R.T.: 5.895 min
Delta R.T.: 0.005 min
Response: 118075
Conc: 0.40 ng/ml



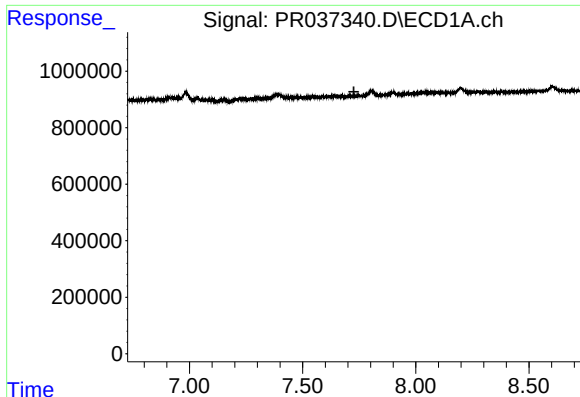
#32 AR-1260-2

R.T.: 7.398 min
Delta R.T.: 0.028 min
Response: 1401616
Conc: 17.59 ng/ml



#32 AR-1260-2

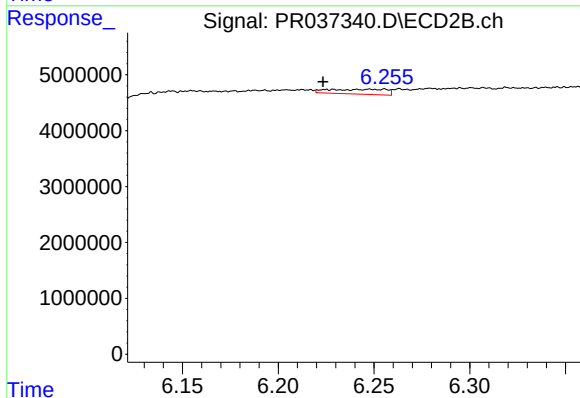
R.T.: 6.068 min
Delta R.T.: -0.008 min
Response: 1809366
Conc: 3.93 ng/ml



#33 AR-1260-3

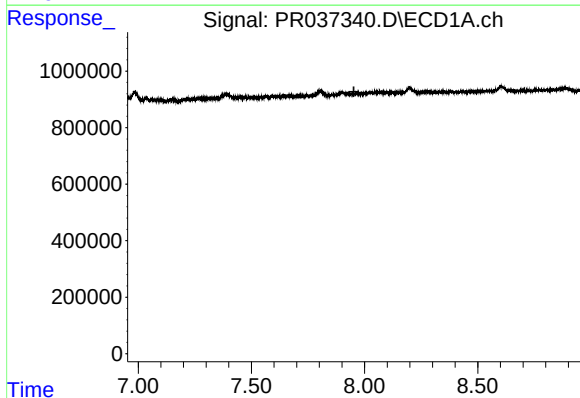
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



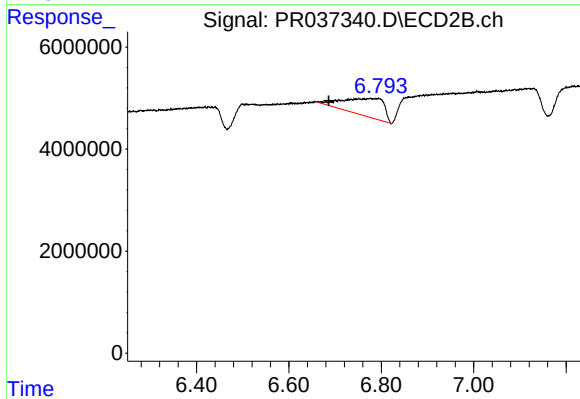
#33 AR-1260-3

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 1808626
Conc: 5.07 ng/ml



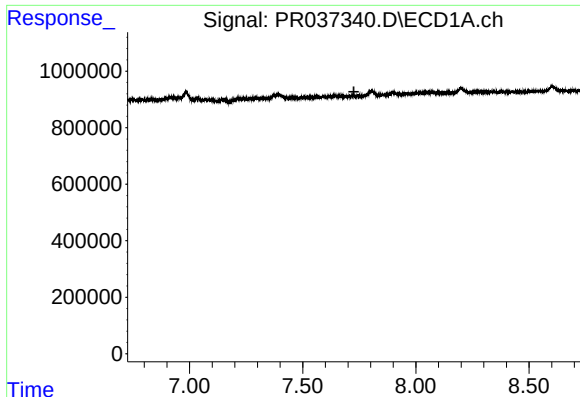
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 7.953 min
Response: 0
Conc: N.D.



#34 AR-1260-4

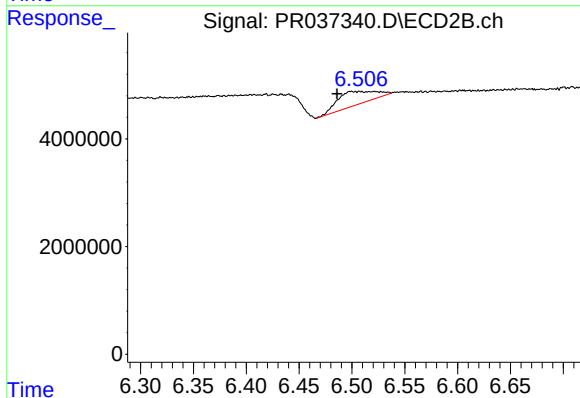
R.T.: 6.751 min
Delta R.T.: 0.065 min
Response: 21276322
Conc: 69.81 ng/ml



#36 AR-1262-1

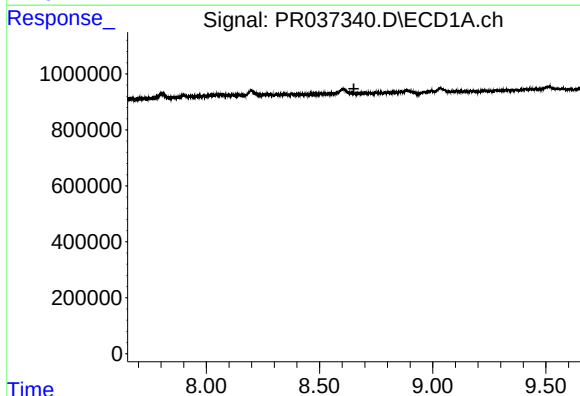
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



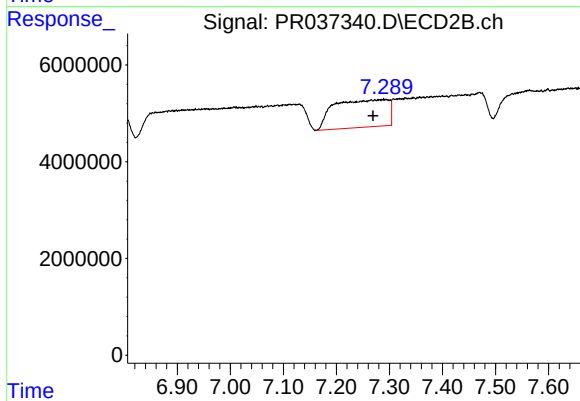
#36 AR-1262-1

R.T.: 6.521 min
Delta R.T.: 0.035 min
Response: 6168952
Conc: 24.61 ng/ml



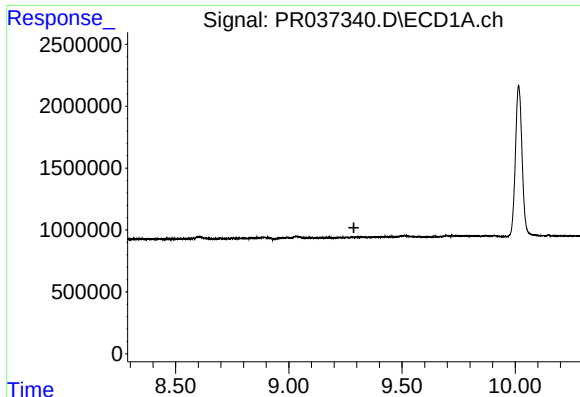
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.652 min
Response: 0
Conc: N.D.



#39 AR-1262-4

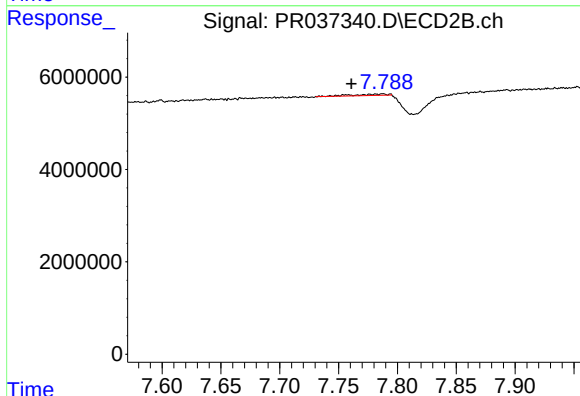
R.T.: 7.291 min
Delta R.T.: 0.021 min
Response: 40325346
Conc: 44.92 ng/ml



#40 AR-1262-5

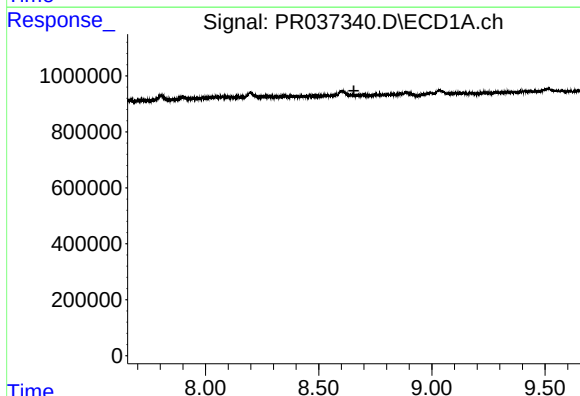
R.T.: 0.000 min
Exp R.T.: 9.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



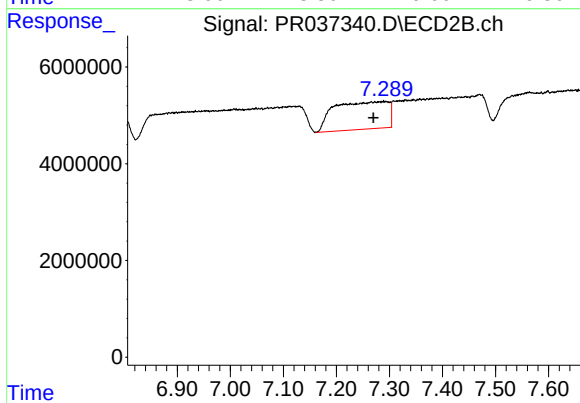
#40 AR-1262-5

R.T.: 7.786 min
Delta R.T.: 0.026 min
Response: 696240
Conc: 1.82 ng/ml



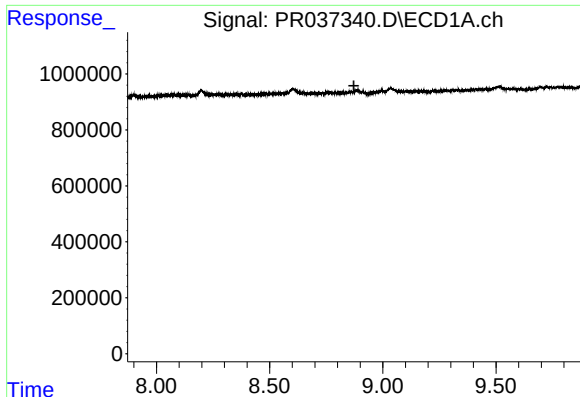
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.655 min
Response: 0
Conc: N.D.



#42 AR-1268-2

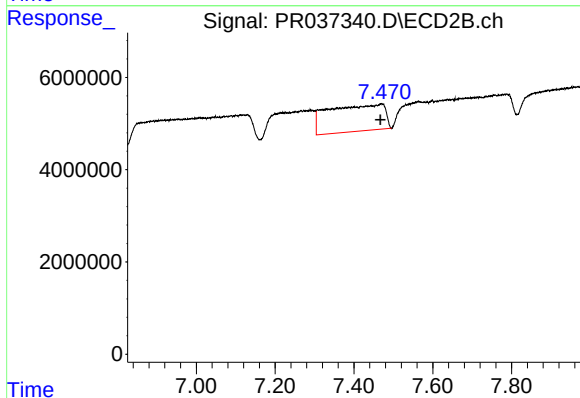
R.T.: 7.291 min
Delta R.T.: 0.020 min
Response: 40325346
Conc: 38.08 ng/ml



#43 AR-1268-3

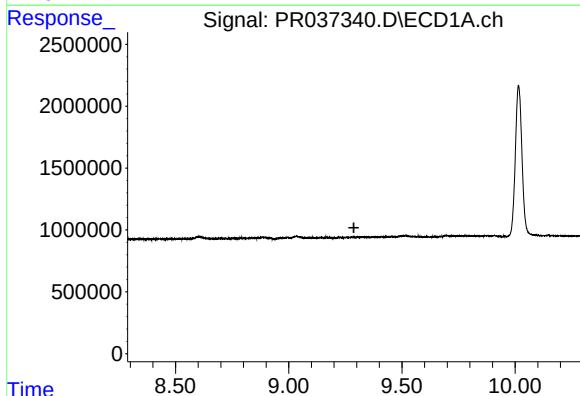
R.T.: 0.000 min
Exp R.T. : 8.872 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



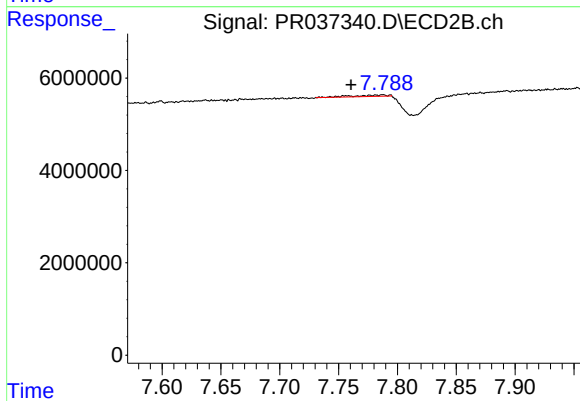
#43 AR-1268-3

R.T.: 7.470 min
Delta R.T.: 0.003 min
Response: 57278649
Conc: 64.63 ng/ml



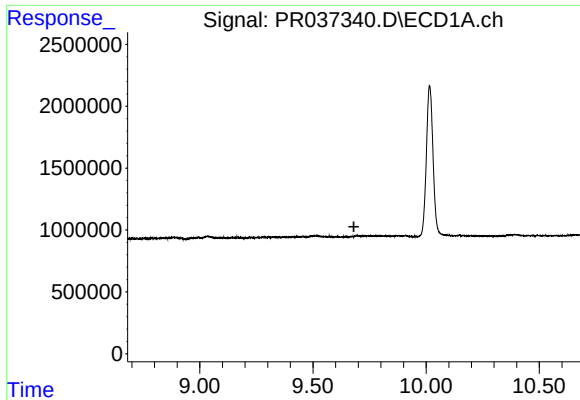
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.288 min
Response: 0
Conc: N.D.



#44 AR-1268-4

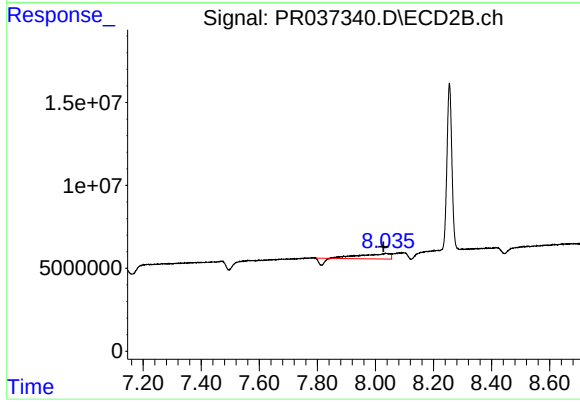
R.T.: 7.786 min
Delta R.T.: 0.026 min
Response: 696240
Conc: 1.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019



#45 AR-1268-5

R.T.: 8.036 min
Delta R.T.: 0.009 min
Response: 18772705
Conc: 7.38 ng/ml