

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042319\
 Data File : PR037319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2019 12:46
 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 23 21:53:44 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...	4.361	3.409	26004239	102.3E6	20.787	21.329
2)	SA Decachlor...	9.991	8.247	36571573	171.0E6	27.652	29.355
Target Compounds							
3)	L1 AR-1016-1	0.000	4.469	0	1274915	N.D.	7.002 #
4)	L1 AR-1016-2	0.000	4.469	0	1274915	N.D.	4.519 #
5)	L1 AR-1016-3	0.000	4.636	0	359979	N.D.	2.504 #
6)	L1 AR-1016-4	0.000	4.685	0	586932	N.D.	5.305 #
7)	L1 AR-1016-5	0.000	4.887	0	1320641	N.D.	8.688 #
8)	L2 AR-1221-1	0.000	3.614	0	2048408	N.D.	40.229 #
9)	L2 AR-1221-2	4.662	3.697	651165	2938840	72.000	79.138
10)	L2 AR-1221-3	4.732	3.769	1087265	3967537	35.475	32.402
11)	L3 AR-1232-1	4.732	3.769	1087265	3967537	37.170	33.913
12)	L3 AR-1232-2	0.000	4.469	0	1274915	N.D.	9.223 #
13)	L3 AR-1232-3	0.000	4.636	0	359979	N.D.	5.128 #
14)	L3 AR-1232-4	0.000	4.717	0	413197	N.D.	6.924 #
15)	L3 AR-1232-5	0.000	4.887	0	1320641	N.D.	19.352 #
16)	L4 AR-1242-1	0.000	4.469	0	1274915	N.D.	8.700 #
17)	L4 AR-1242-2	0.000	4.469	0	1274915	N.D.	5.588 #
18)	L4 AR-1242-3	0.000	4.636	0	359979	N.D.	3.113 #
19)	L4 AR-1242-4	0.000	4.717	0	413197	N.D.	3.759 #
20)	L4 AR-1242-5	6.372	5.250	828258	4167302	25.739	25.150
21)	L5 AR-1248-1	0.000	4.469	0	1274915	N.D.	12.665 #
22)	L5 AR-1248-2	0.000	4.685	0	586932	N.D.	4.301 #
23)	L5 AR-1248-3	0.000	4.717	0	413197	N.D.	2.952 #
24)	L5 AR-1248-4	6.372	4.887	828258	1320641	16.919	7.421 #
25)	L5 AR-1248-5	6.372	5.250	828258	4167302	17.534	21.304
26)	L6 AR-1254-1	6.372	5.250	828258	4167302	15.161	12.098
27)	L6 AR-1254-2	0.000	5.385	0	7416824	N.D.	24.764 #
28)	L6 AR-1254-3	6.967	5.794	644632	8051116	7.087	16.999 #
29)	L6 AR-1254-4	7.239	5.978	371237	905681	5.540	2.583 #
30)	L6 AR-1254-5	0.000	6.427	0	34428218	N.D.	77.747 #
31)	L7 AR-1260-1	7.131	5.912	118243	-137377	1.792	N.D. #
32)	L7 AR-1260-2	0.000	6.068	0	5473023	N.D.	11.883 #
33)	L7 AR-1260-3	0.000	6.188	0	1431337	N.D.	4.015 #
35)	L7 AR-1260-5	0.000	6.957	0	276141	N.D.	0.318 #
36)	L8 AR-1262-1	0.000	6.427	0	34428218	N.D.	137.372 #
37)	L8 AR-1262-2	0.000	6.957	0	276141	N.D.	0.220 #
40)	L8 AR-1262-5	0.000	7.779	0	1022654	N.D.	2.673 #
43)	L9 AR-1268-3	0.000	7.464	0	83709858	N.D.	94.455 #
44)	L9 AR-1268-4	0.000	7.779	0	1022654	N.D.	2.819 #
45)	L9 AR-1268-5	0.000	8.027	0	9666462	N.D.	3.799 #

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Misc : AR1221 MDL 25PPB
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Instrument :
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Integration File signal 1: autoint1.e
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Quant Time: Apr 23 21:53:44 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Apr 22 17:27:39 2019
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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
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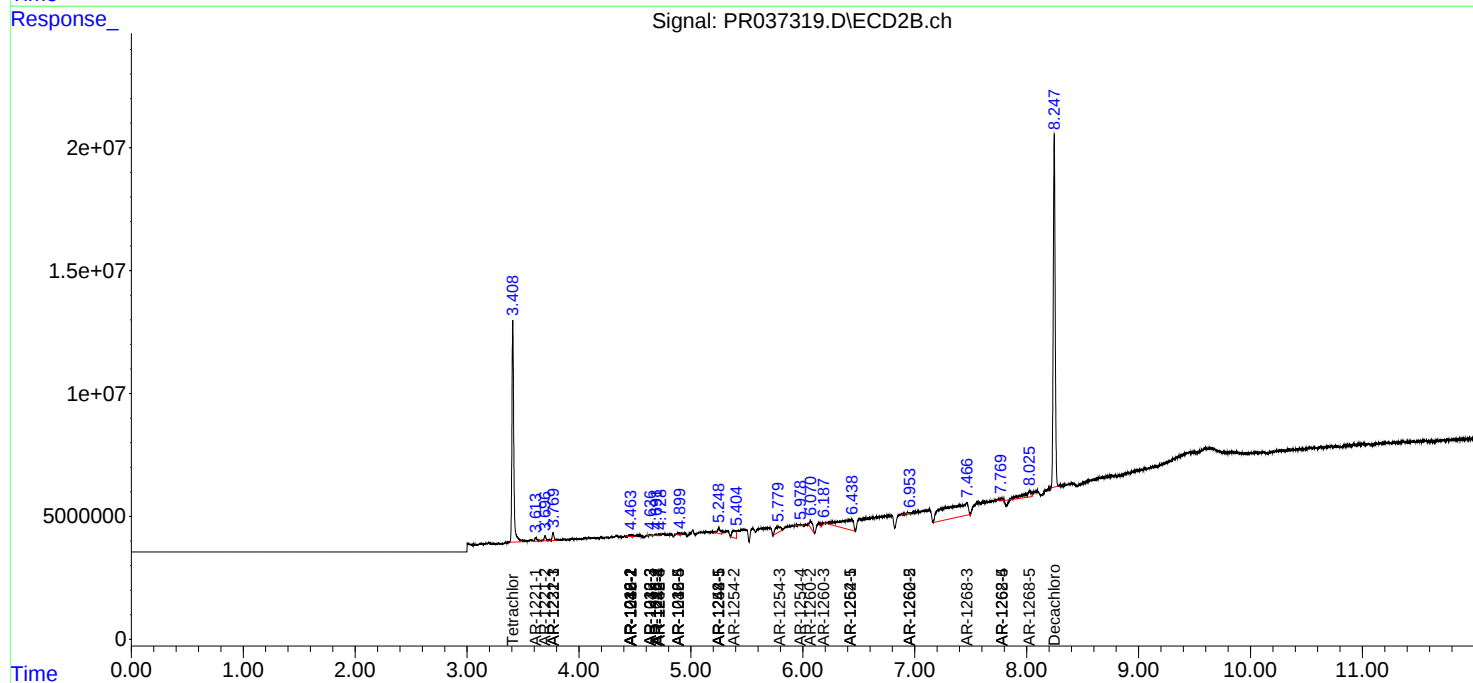
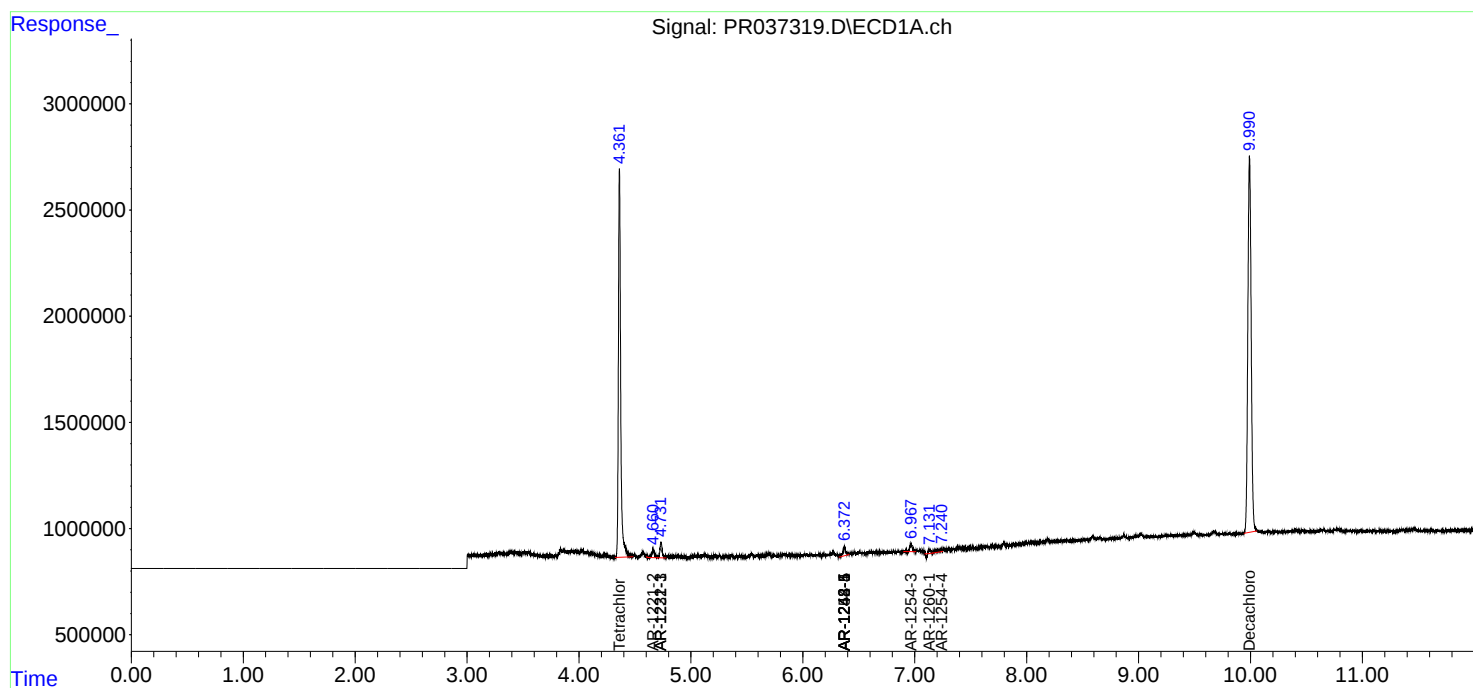
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

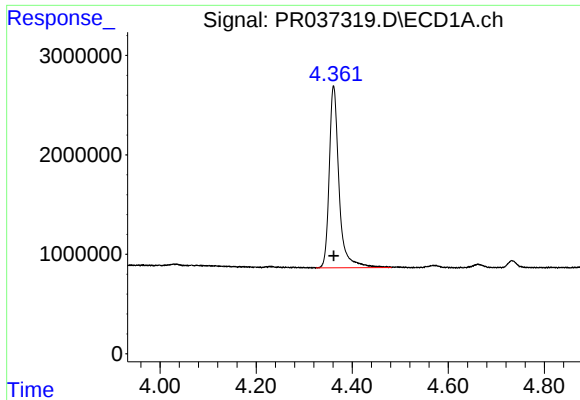
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042319\
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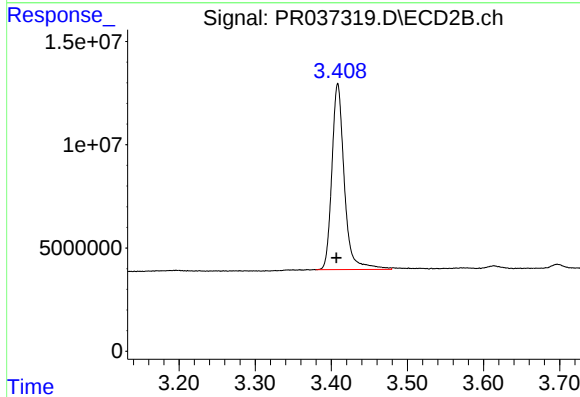




#1 Tetrachloro-m-xylene

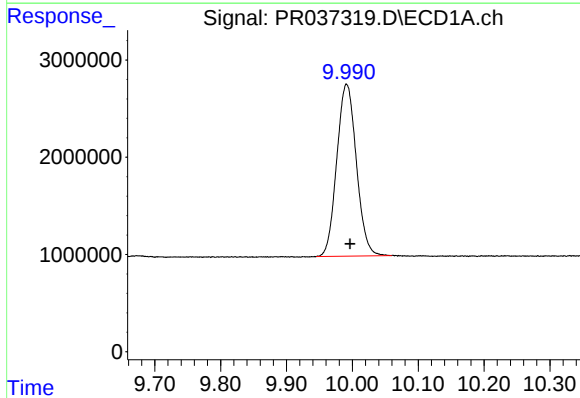
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 26004239
Conc: 20.79 ng/ml

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



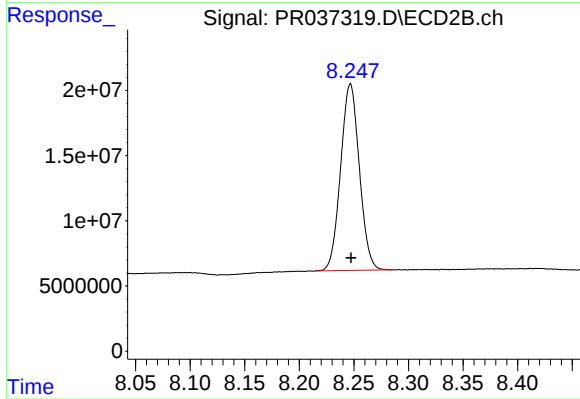
#1 Tetrachloro-m-xylene

R.T.: 3.409 min
Delta R.T.: 0.002 min
Response: 102283868
Conc: 21.33 ng/ml



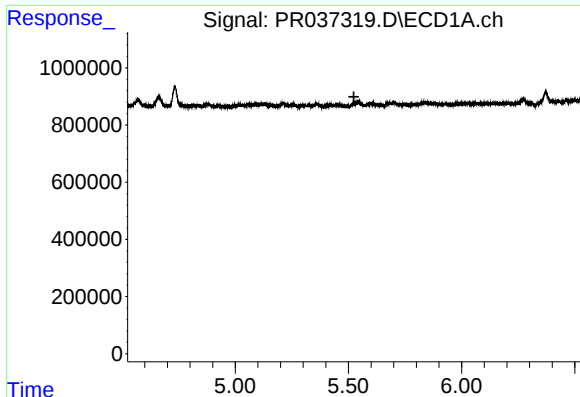
#2 Decachlorobiphenyl

R.T.: 9.991 min
Delta R.T.: -0.005 min
Response: 36571573
Conc: 27.65 ng/ml



#2 Decachlorobiphenyl

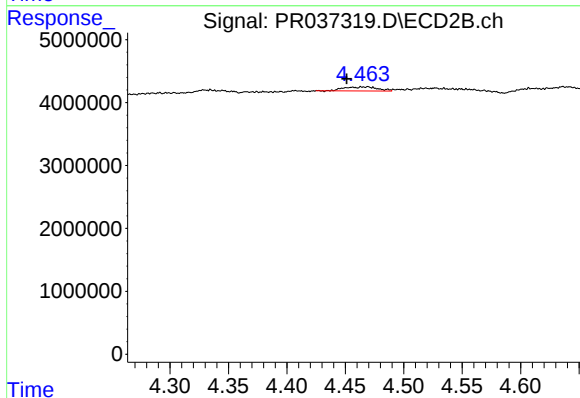
R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 170971276
Conc: 29.36 ng/ml



#3 AR-1016-1

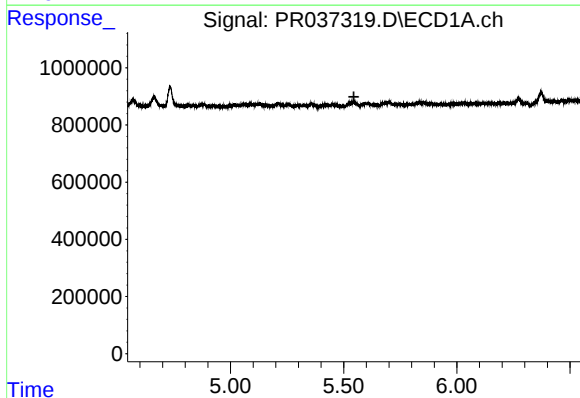
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

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



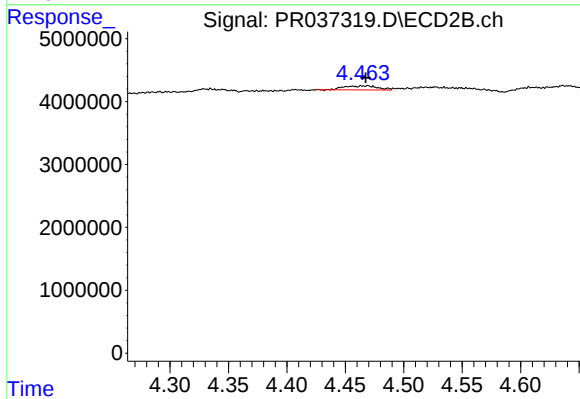
#3 AR-1016-1

R.T.: 4.469 min
Delta R.T.: 0.018 min
Response: 1274915
Conc: 7.00 ng/ml



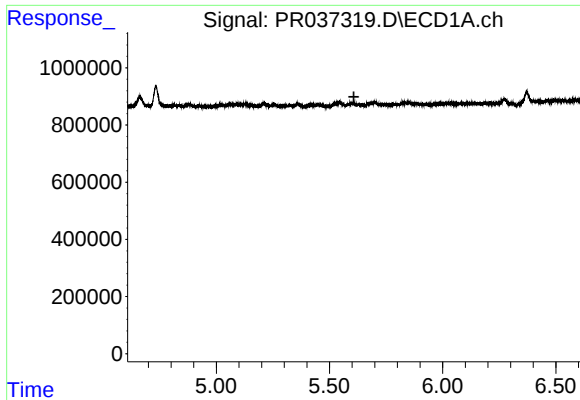
#4 AR-1016-2

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



#4 AR-1016-2

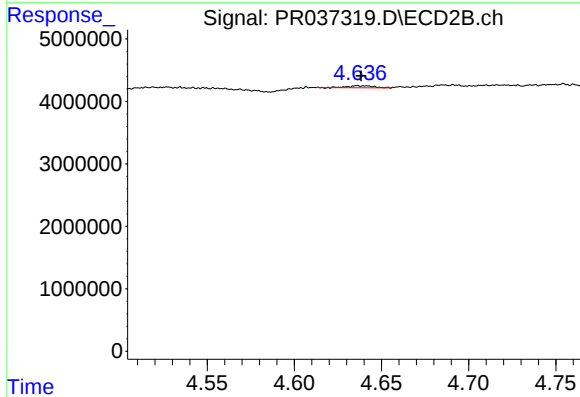
R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 1274915
Conc: 4.52 ng/ml



#5 AR-1016-3

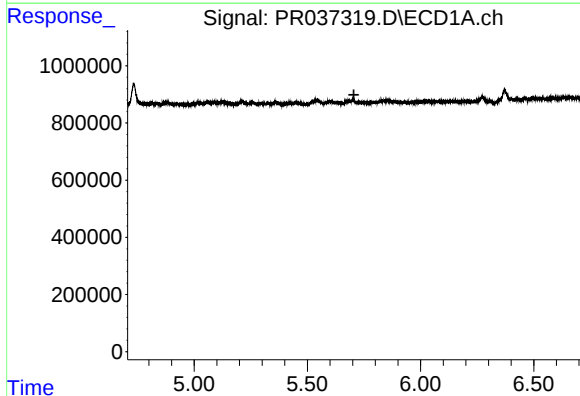
R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.

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



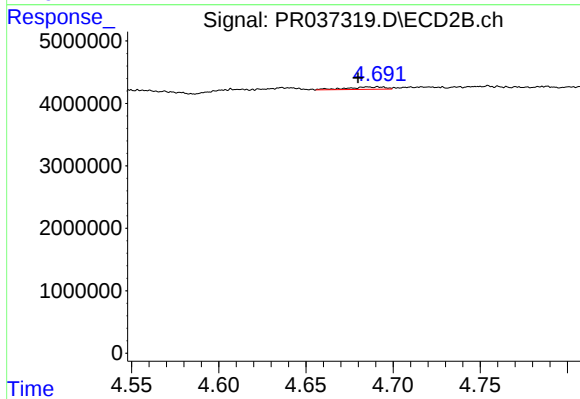
#5 AR-1016-3

R.T.: 4.636 min
Delta R.T.: -0.002 min
Response: 359979
Conc: 2.50 ng/ml



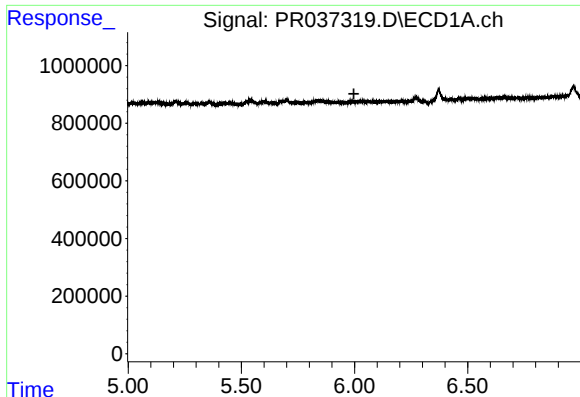
#6 AR-1016-4

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



#6 AR-1016-4

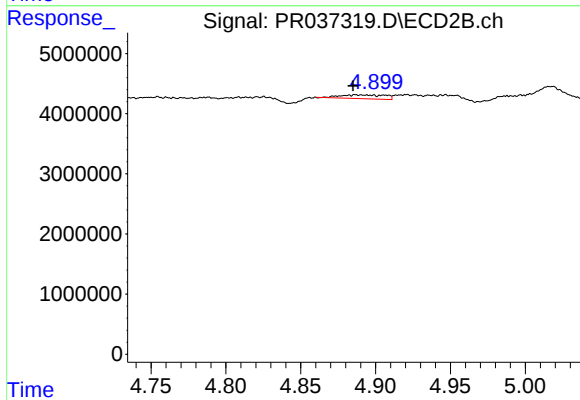
R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 586932
Conc: 5.31 ng/ml



#7 AR-1016-5

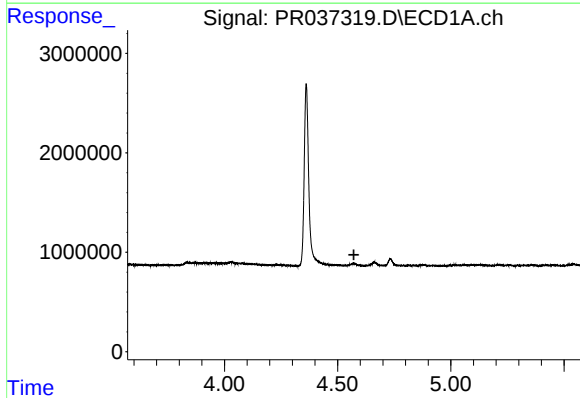
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

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



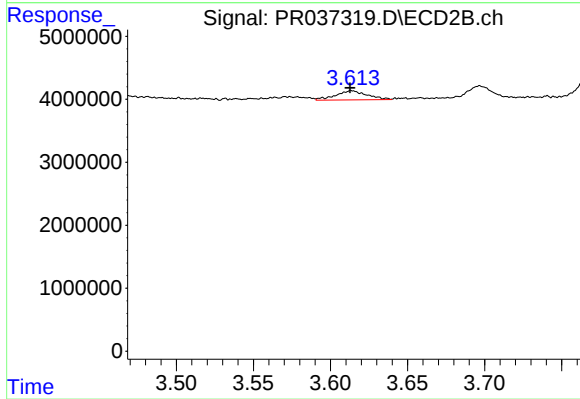
#7 AR-1016-5

R.T.: 4.887 min
Delta R.T.: 0.002 min
Response: 1320641
Conc: 8.69 ng/ml



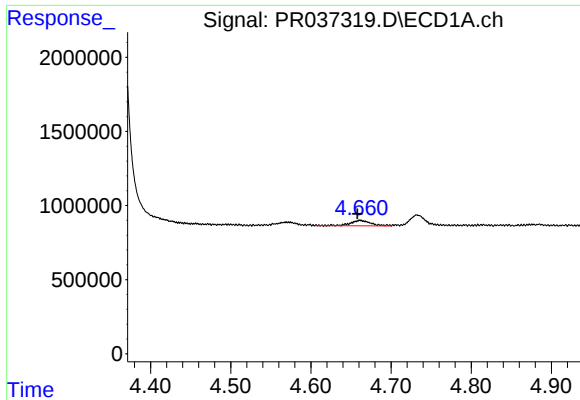
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.572 min
Response: 0
Conc: N.D.



#8 AR-1221-1

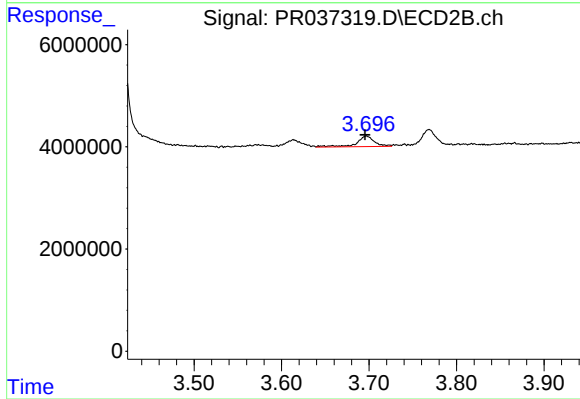
R.T.: 3.614 min
Delta R.T.: 0.001 min
Response: 2048408
Conc: 40.23 ng/ml



#9 AR-1221-2

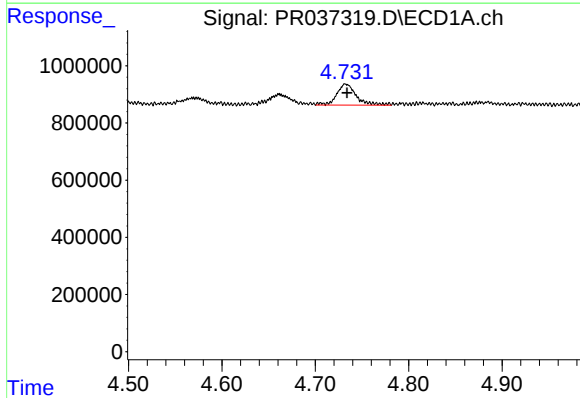
R.T.: 4.662 min
Delta R.T.: 0.004 min
Response: 651165
Conc: 72.00 ng/ml

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



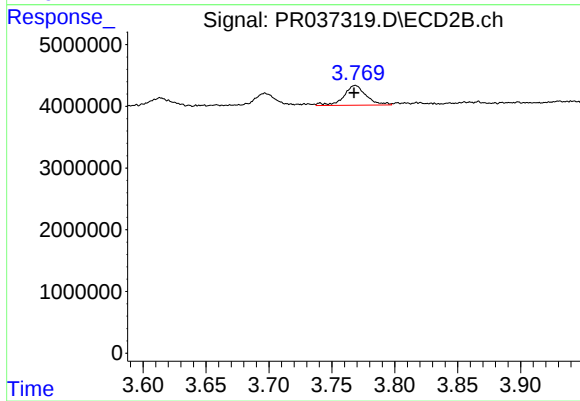
#9 AR-1221-2

R.T.: 3.697 min
Delta R.T.: 0.001 min
Response: 2938840
Conc: 79.14 ng/ml



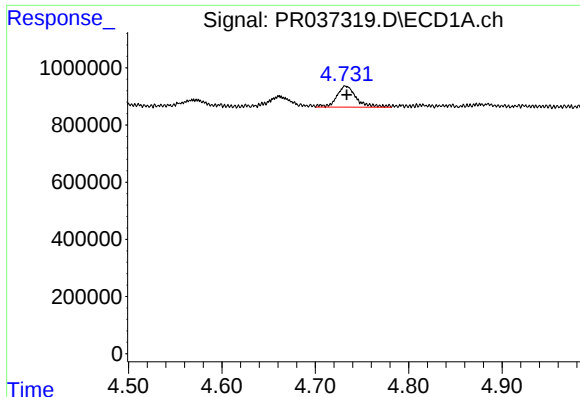
#10 AR-1221-3

R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 1087265
Conc: 35.47 ng/ml



#10 AR-1221-3

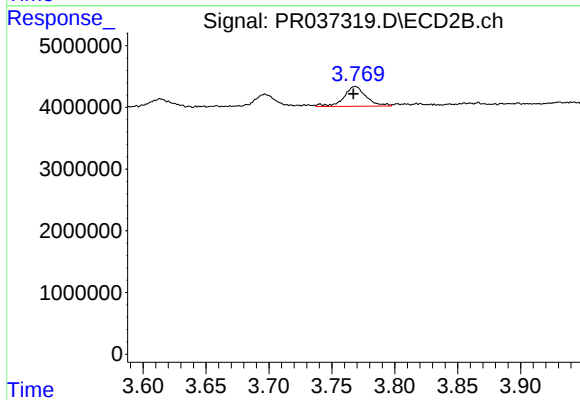
R.T.: 3.769 min
Delta R.T.: 0.001 min
Response: 3967537
Conc: 32.40 ng/ml



#11 AR-1232-1

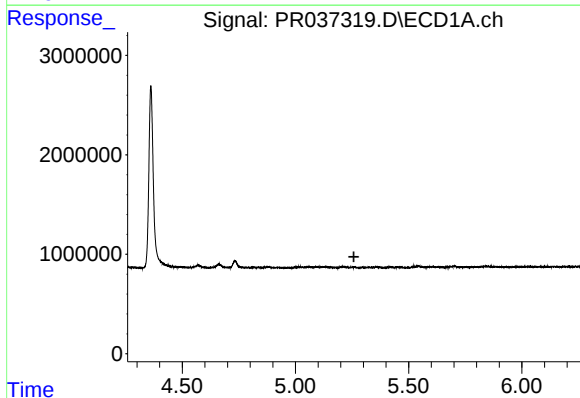
R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 1087265
Conc: 37.17 ng/ml

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



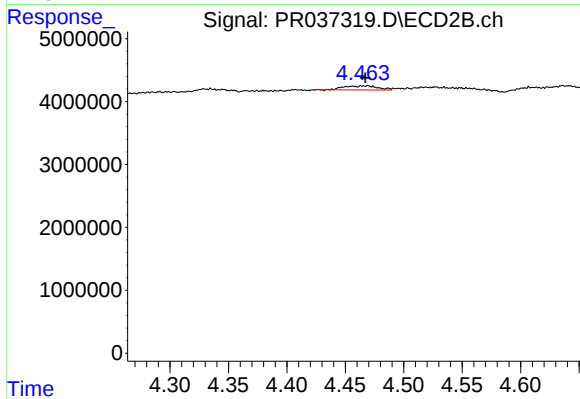
#11 AR-1232-1

R.T.: 3.769 min
Delta R.T.: 0.001 min
Response: 3967537
Conc: 33.91 ng/ml



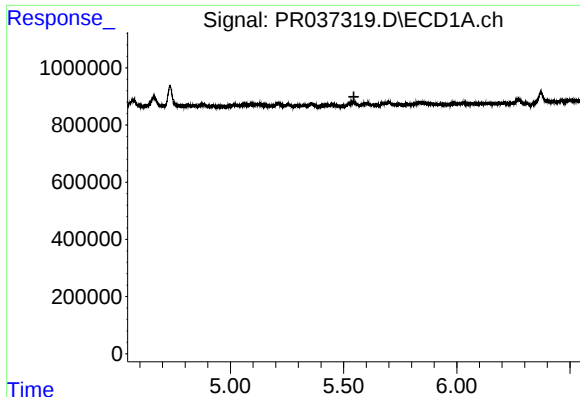
#12 AR-1232-2

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



#12 AR-1232-2

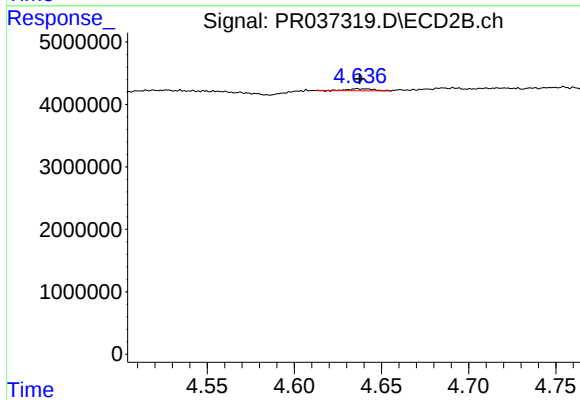
R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 1274915
Conc: 9.22 ng/ml



#13 AR-1232-3

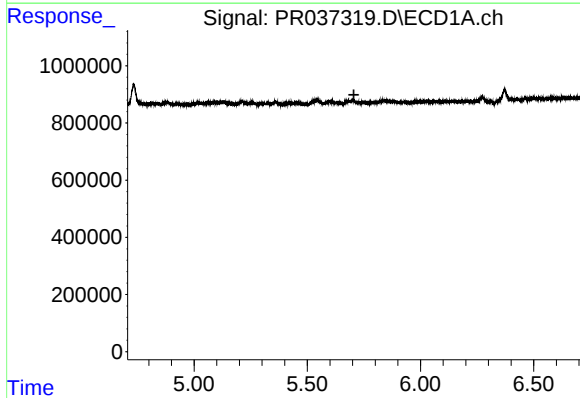
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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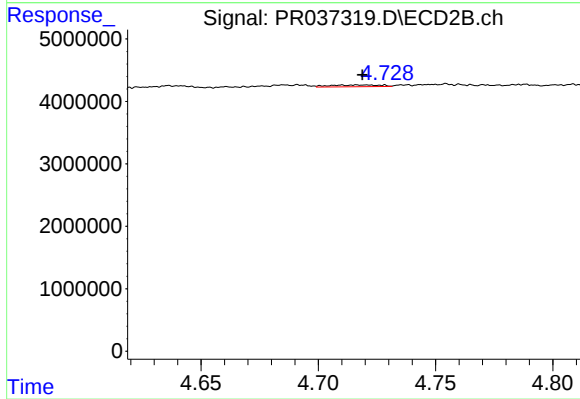
#13 AR-1232-3

R.T.: 4.636 min
Delta R.T.: -0.001 min
Response: 359979
Conc: 5.13 ng/ml



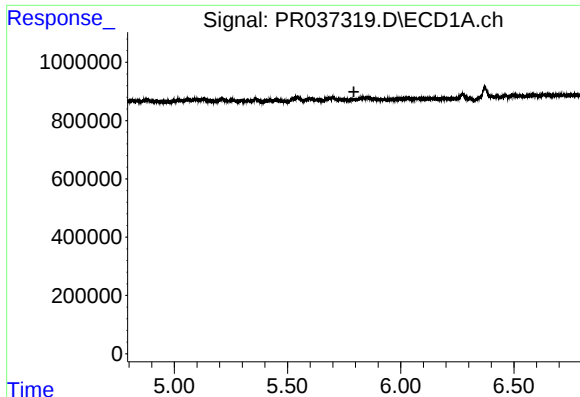
#14 AR-1232-4

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



#14 AR-1232-4

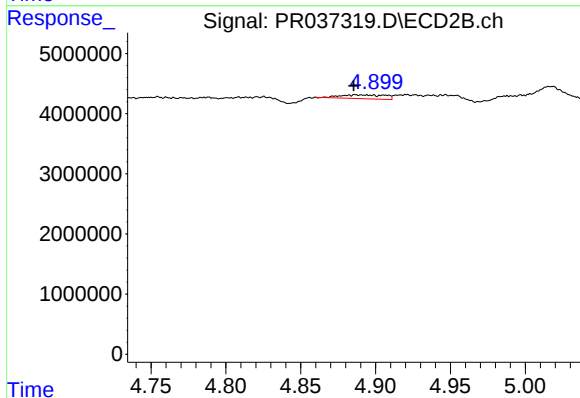
R.T.: 4.717 min
Delta R.T.: -0.002 min
Response: 413197
Conc: 6.92 ng/ml



#15 AR-1232-5

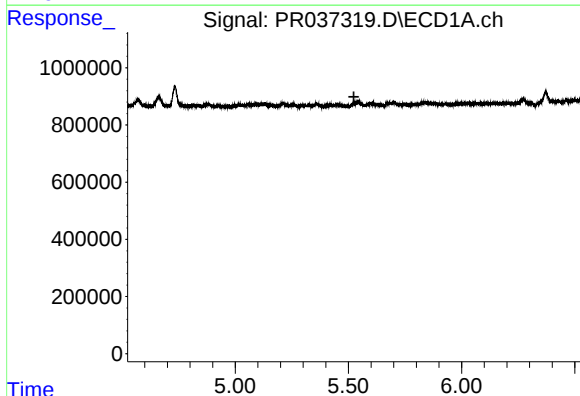
R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.

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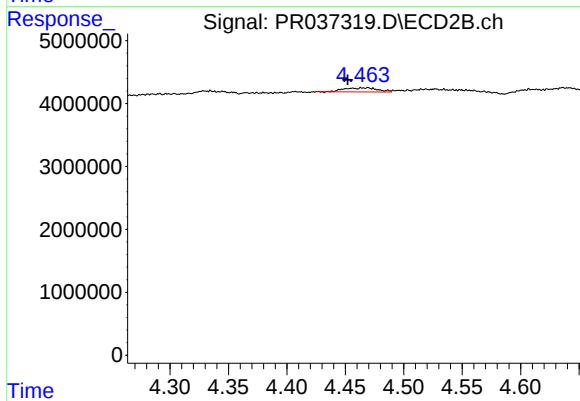
#15 AR-1232-5

R.T.: 4.887 min
Delta R.T.: 0.001 min
Response: 1320641
Conc: 19.35 ng/ml



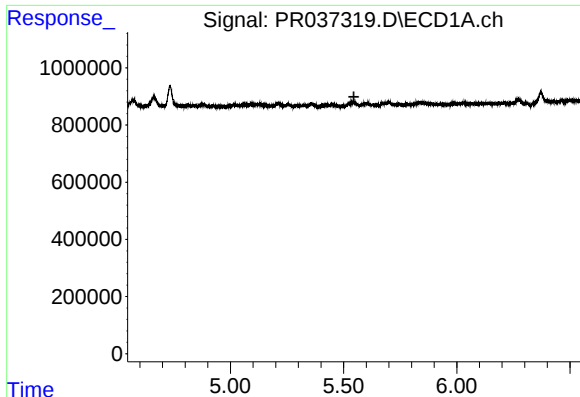
#16 AR-1242-1

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



#16 AR-1242-1

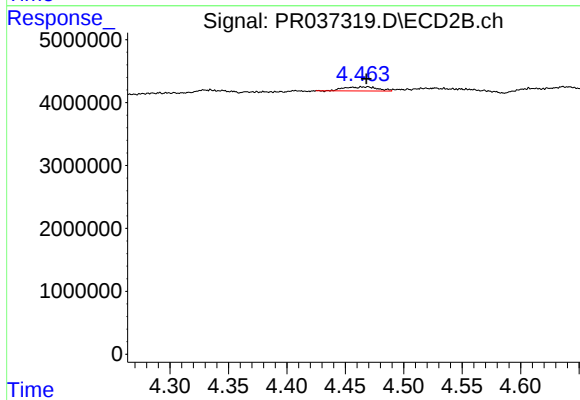
R.T.: 4.469 min
Delta R.T.: 0.017 min
Response: 1274915
Conc: 8.70 ng/ml



#17 AR-1242-2

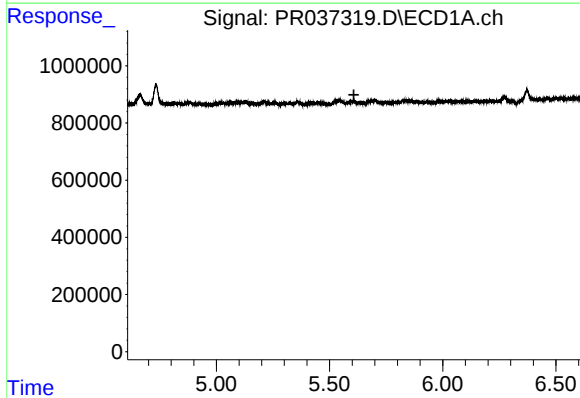
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

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



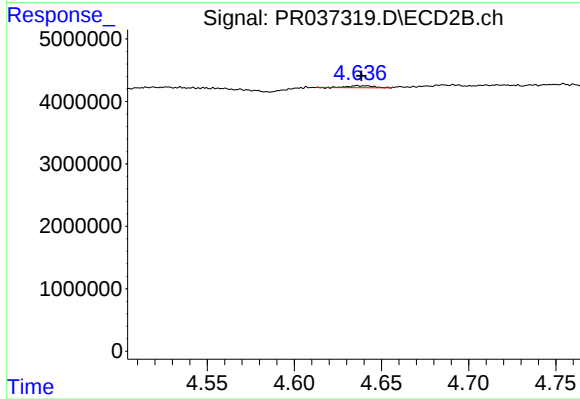
#17 AR-1242-2

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 1274915
Conc: 5.59 ng/ml



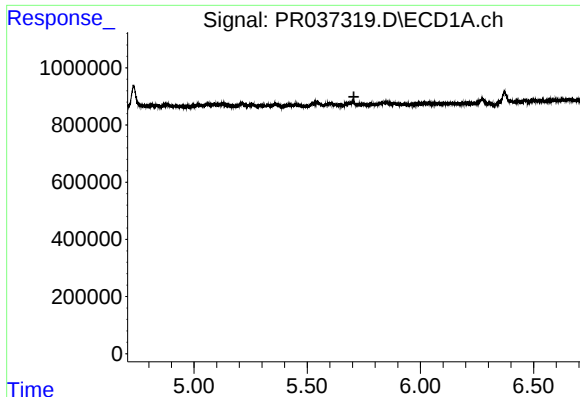
#18 AR-1242-3

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



#18 AR-1242-3

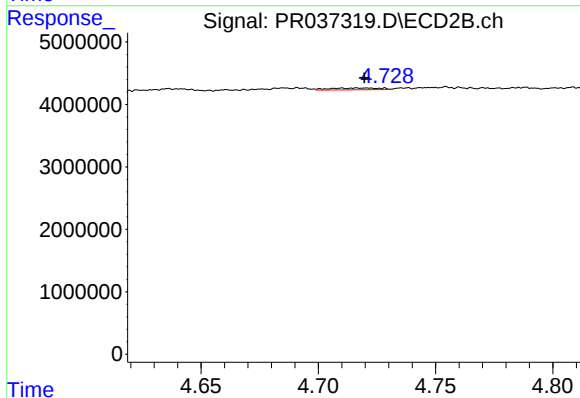
R.T.: 4.636 min
Delta R.T.: -0.002 min
Response: 359979
Conc: 3.11 ng/ml



#19 AR-1242-4

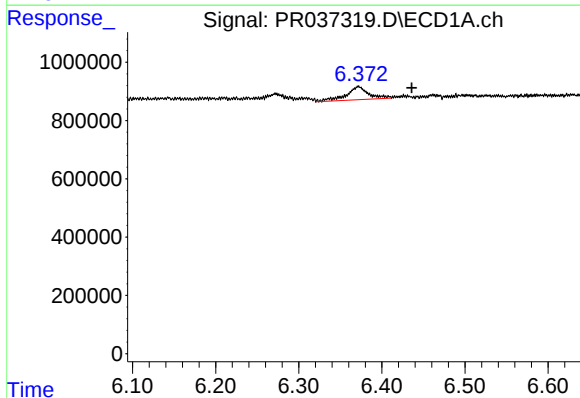
R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.

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



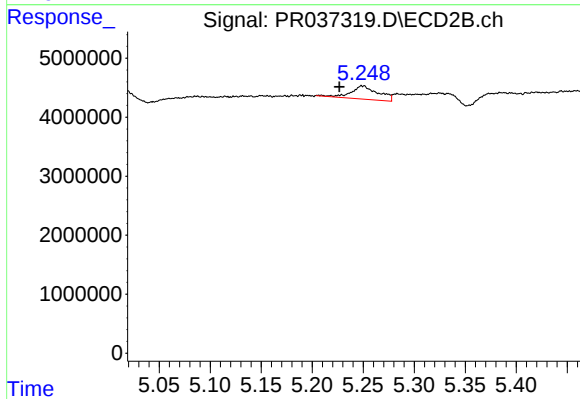
#19 AR-1242-4

R.T.: 4.717 min
Delta R.T.: -0.003 min
Response: 413197
Conc: 3.76 ng/ml



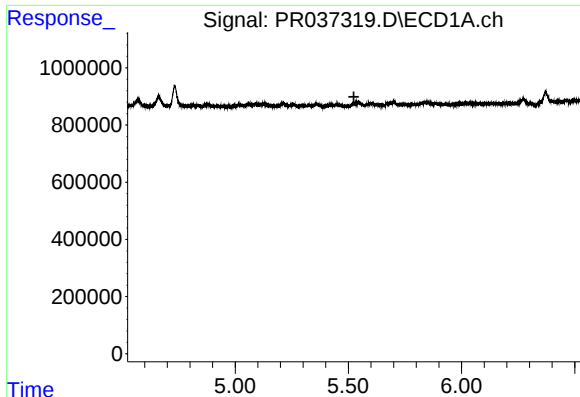
#20 AR-1242-5

R.T.: 6.372 min
Delta R.T.: -0.064 min
Response: 828258
Conc: 25.74 ng/ml



#20 AR-1242-5

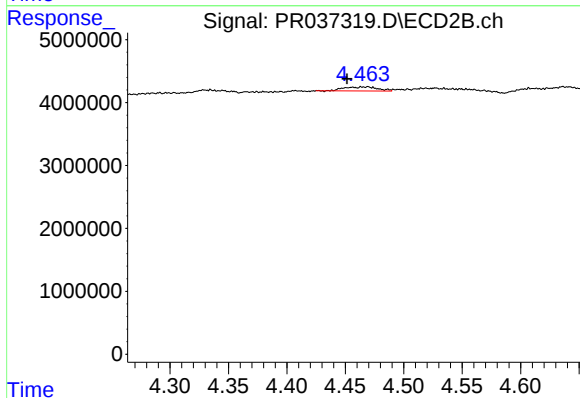
R.T.: 5.250 min
Delta R.T.: 0.023 min
Response: 4167302
Conc: 25.15 ng/ml



#21 AR-1248-1

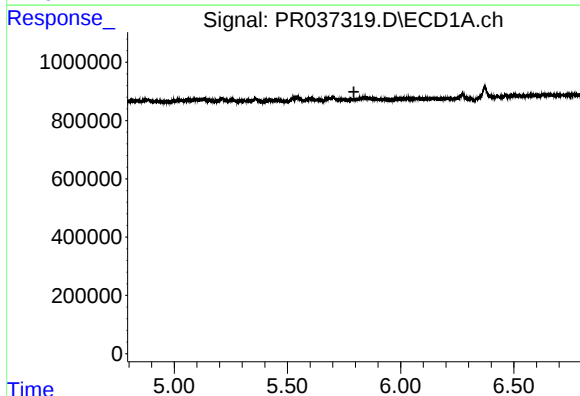
R.T.: 0.000 min
Exp R.T.: 5.525 min
Response: 0
Conc: N.D.

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



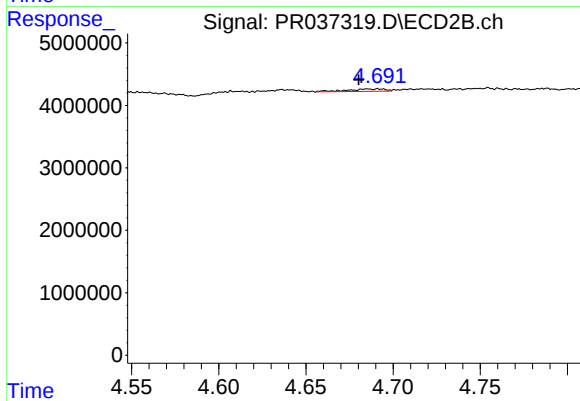
#21 AR-1248-1

R.T.: 4.469 min
Delta R.T.: 0.018 min
Response: 1274915
Conc: 12.67 ng/ml



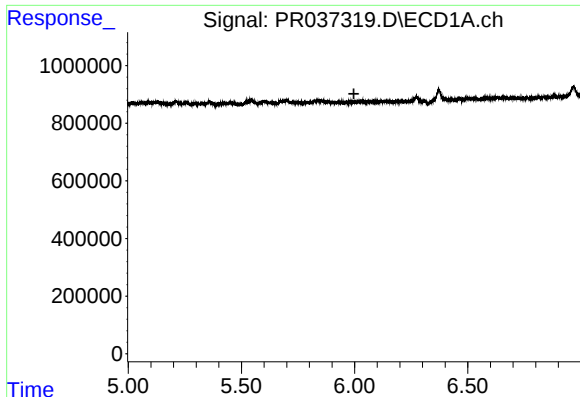
#22 AR-1248-2

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



#22 AR-1248-2

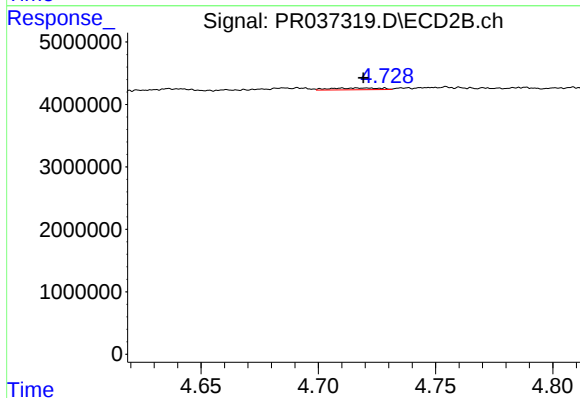
R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 586932
Conc: 4.30 ng/ml



#23 AR-1248-3

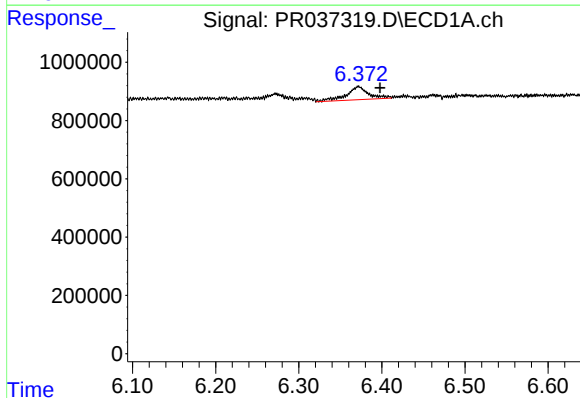
R.T.: 0.000 min
Exp R.T.: 5.997 min
Response: 0
Conc: N.D.

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



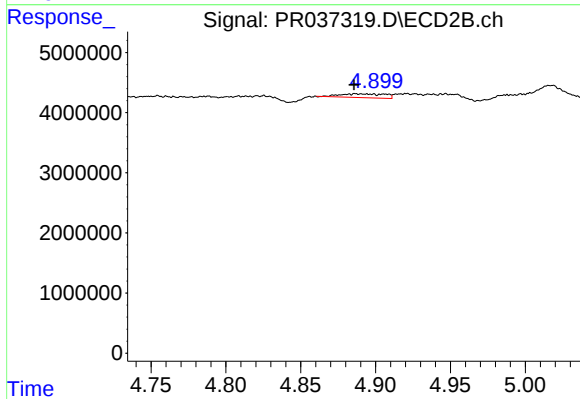
#23 AR-1248-3

R.T.: 4.717 min
Delta R.T.: -0.003 min
Response: 413197
Conc: 2.95 ng/ml



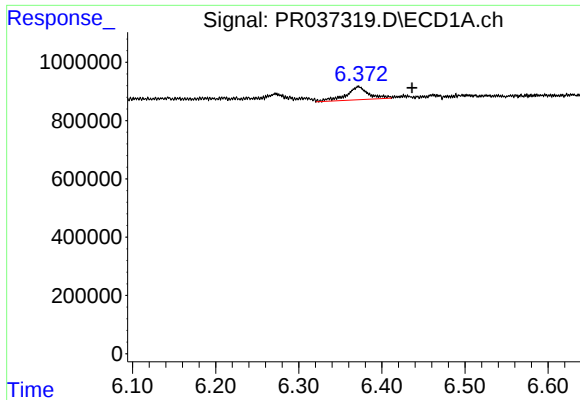
#24 AR-1248-4

R.T.: 6.372 min
Delta R.T.: -0.026 min
Response: 828258
Conc: 16.92 ng/ml



#24 AR-1248-4

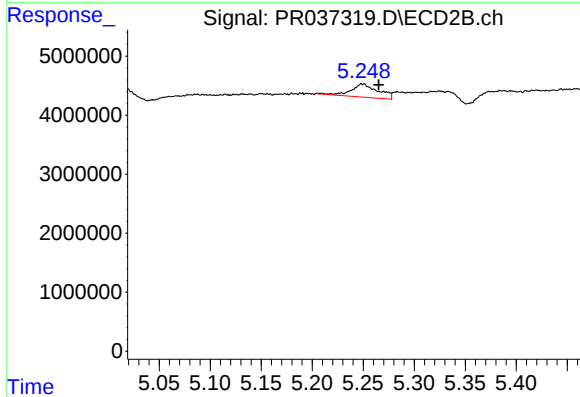
R.T.: 4.887 min
Delta R.T.: 0.001 min
Response: 1320641
Conc: 7.42 ng/ml



#25 AR-1248-5

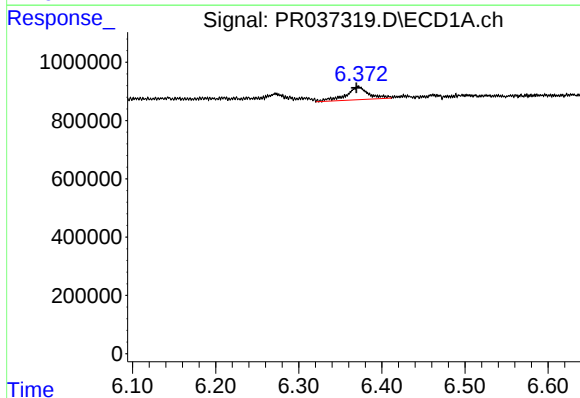
R.T.: 6.372 min
Delta R.T.: -0.064 min
Response: 828258
Conc: 17.53 ng/ml

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



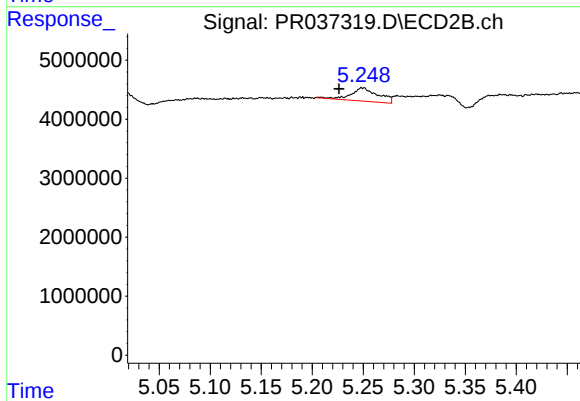
#25 AR-1248-5

R.T.: 5.250 min
Delta R.T.: -0.016 min
Response: 4167302
Conc: 21.30 ng/ml



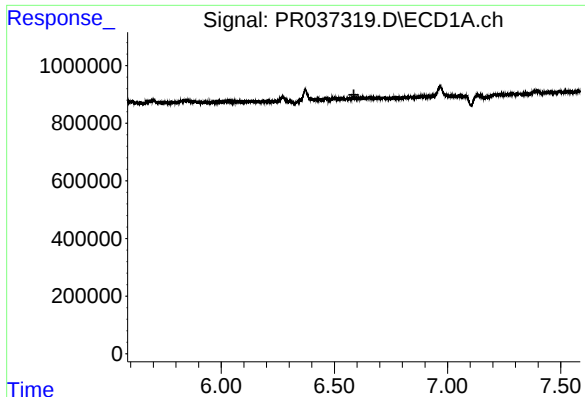
#26 AR-1254-1

R.T.: 6.372 min
Delta R.T.: 0.003 min
Response: 828258
Conc: 15.16 ng/ml



#26 AR-1254-1

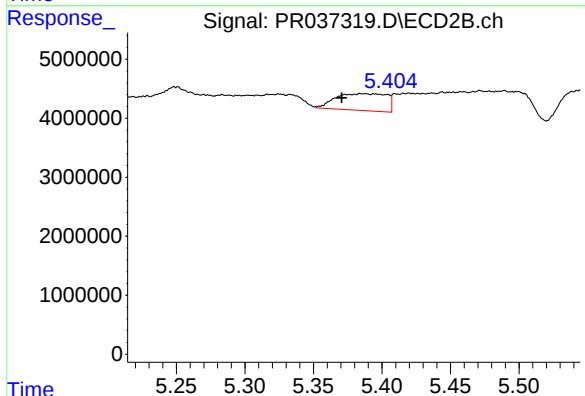
R.T.: 5.250 min
Delta R.T.: 0.023 min
Response: 4167302
Conc: 12.10 ng/ml



#27 AR-1254-2

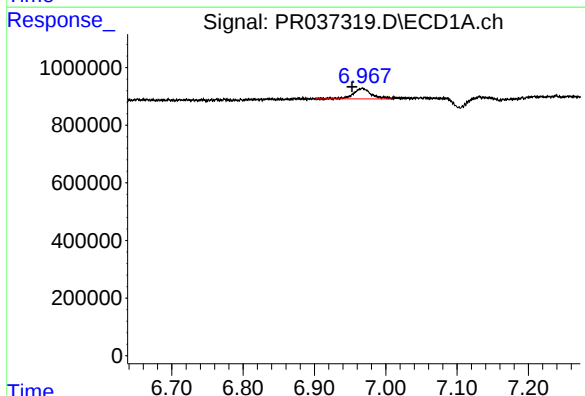
R.T.: 0.000 min
Exp R.T.: 6.586 min
Response: 0
Conc: N.D.

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



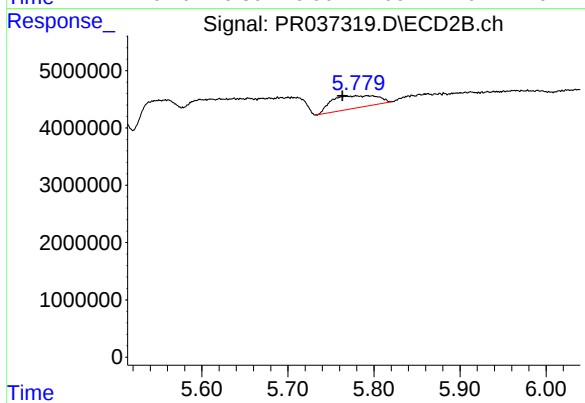
#27 AR-1254-2

R.T.: 5.385 min
Delta R.T.: 0.015 min
Response: 7416824
Conc: 24.76 ng/ml



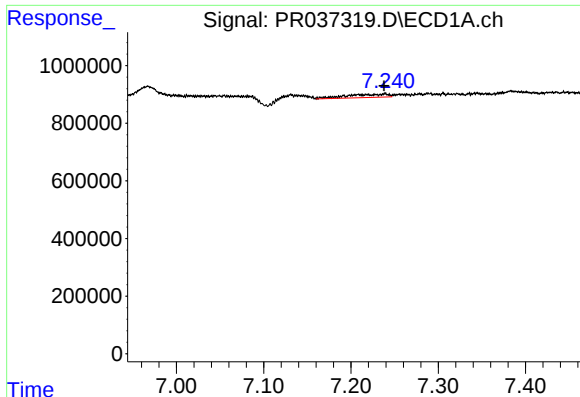
#28 AR-1254-3

R.T.: 6.967 min
Delta R.T.: 0.015 min
Response: 644632
Conc: 7.09 ng/ml



#28 AR-1254-3

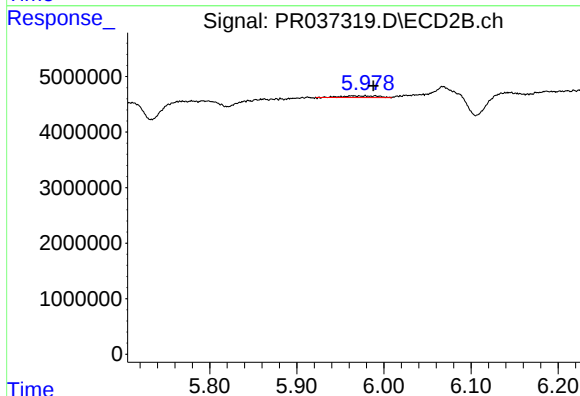
R.T.: 5.794 min
Delta R.T.: 0.031 min
Response: 8051116
Conc: 17.00 ng/ml



#29 AR-1254-4

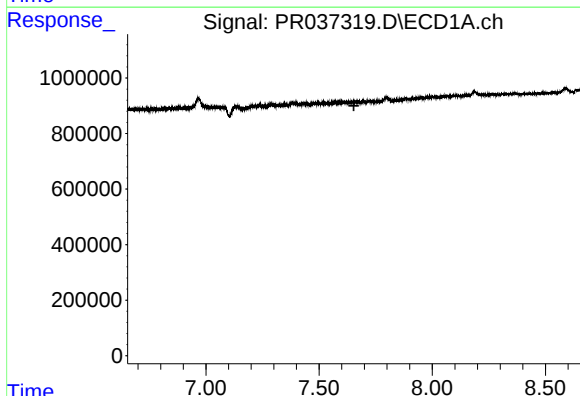
R.T.: 7.239 min
Delta R.T.: 0.001 min
Response: 371237
Conc: 5.54 ng/ml

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



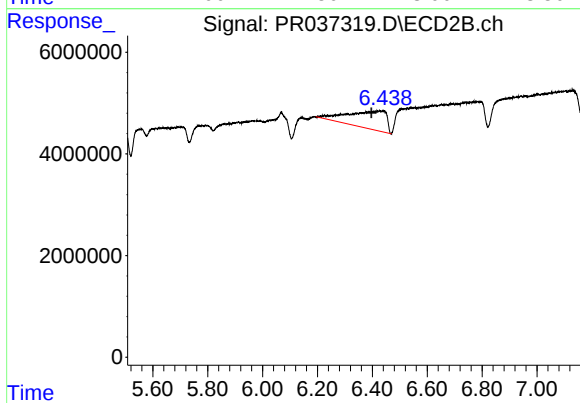
#29 AR-1254-4

R.T.: 5.978 min
Delta R.T.: -0.010 min
Response: 905681
Conc: 2.58 ng/ml



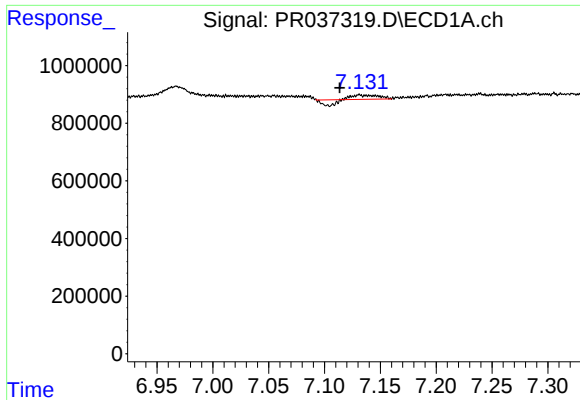
#30 AR-1254-5

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



#30 AR-1254-5

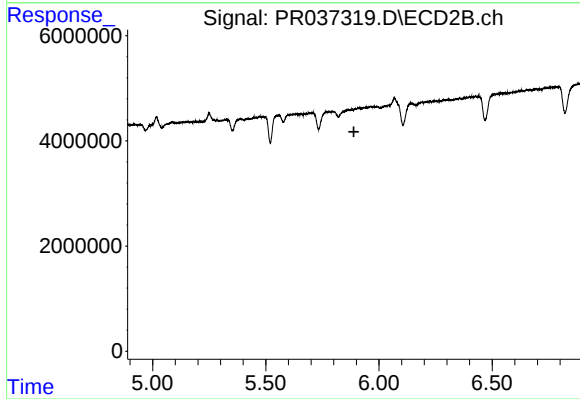
R.T.: 6.427 min
Delta R.T.: 0.031 min
Response: 34428218
Conc: 77.75 ng/ml



#31 AR-1260-1

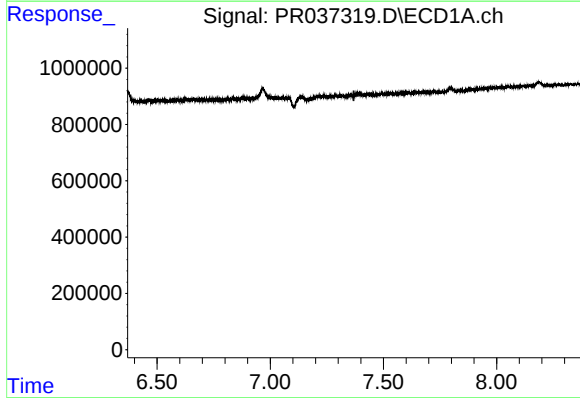
R.T.: 7.131 min
Delta R.T.: 0.018 min
Response: 118243
Conc: 1.79 ng/ml

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



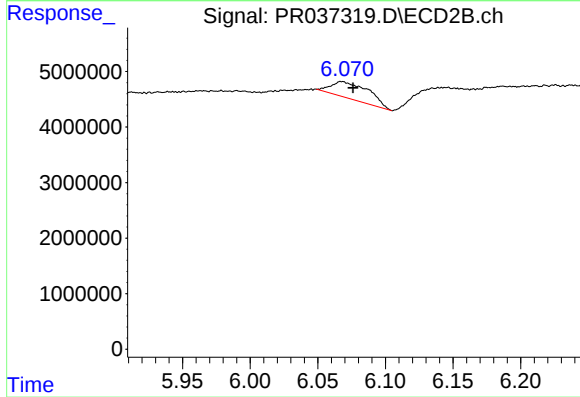
#31 AR-1260-1

R.T.: 5.912 min
Delta R.T.: 0.023 min
Response: -137377
Conc: N.D.



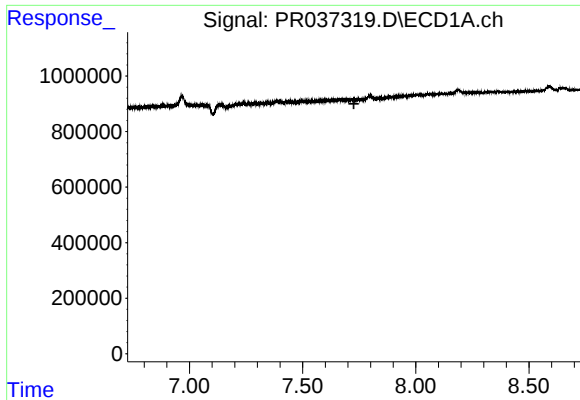
#32 AR-1260-2

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



#32 AR-1260-2

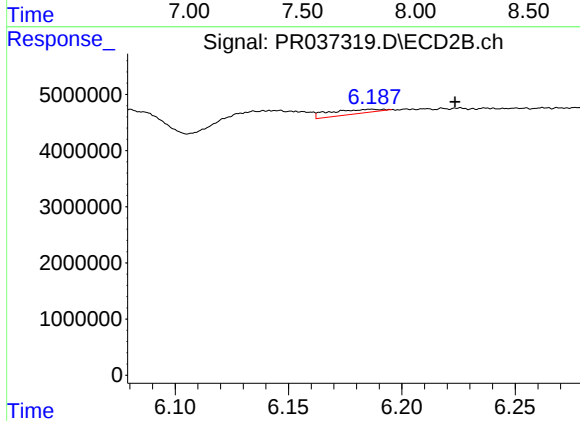
R.T.: 6.068 min
Delta R.T.: -0.008 min
Response: 5473023
Conc: 11.88 ng/ml



#33 AR-1260-3

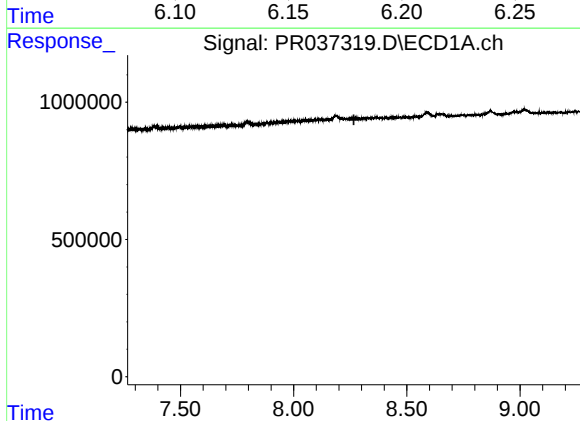
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

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



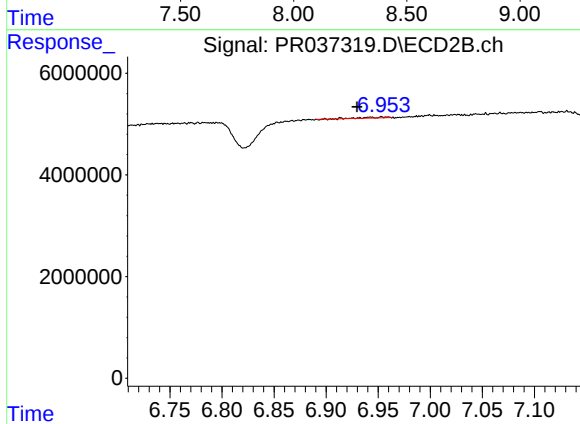
#33 AR-1260-3

R.T.: 6.188 min
Delta R.T.: -0.036 min
Response: 1431337
Conc: 4.01 ng/ml



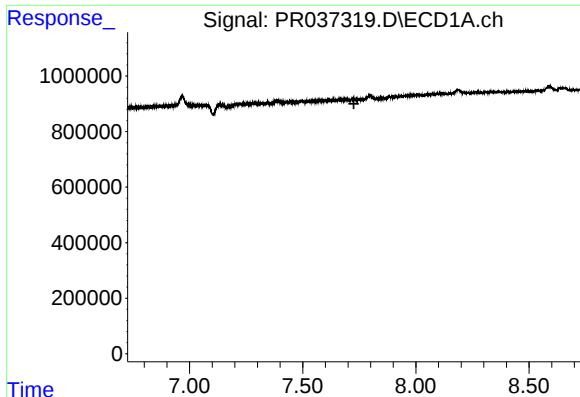
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.



#35 AR-1260-5

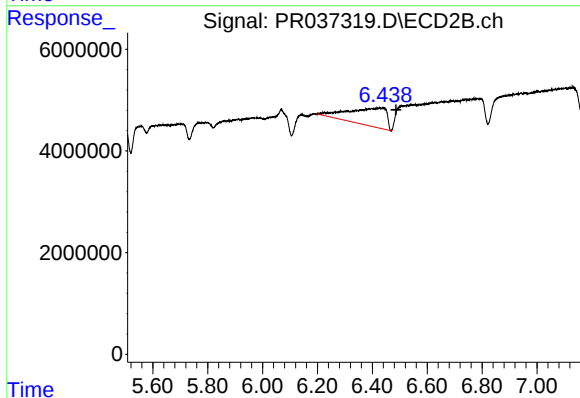
R.T.: 6.957 min
Delta R.T.: 0.027 min
Response: 276141
Conc: 0.32 ng/ml



#36 AR-1262-1

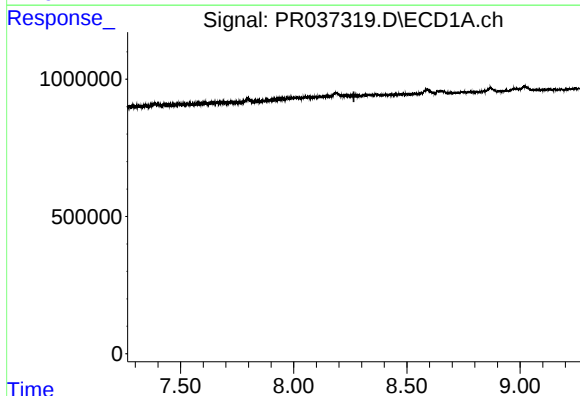
R.T.: 0.000 min
Exp R.T.: 7.726 min
Response: 0
Conc: N.D.

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



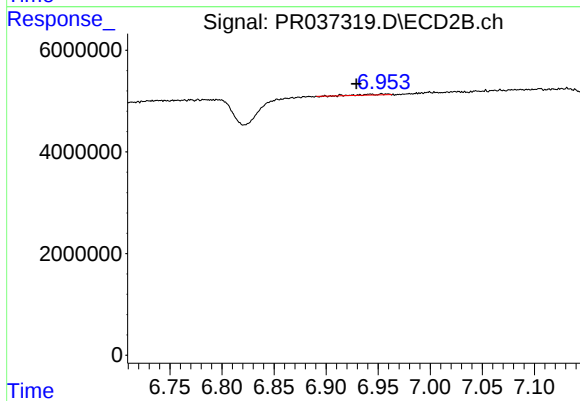
#36 AR-1262-1

R.T.: 6.427 min
Delta R.T.: -0.059 min
Response: 34428218
Conc: 137.37 ng/ml



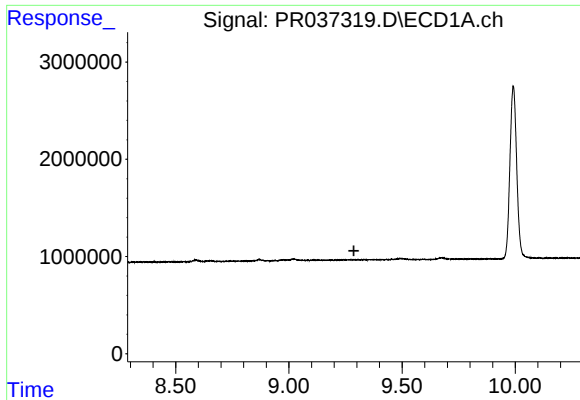
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.



#37 AR-1262-2

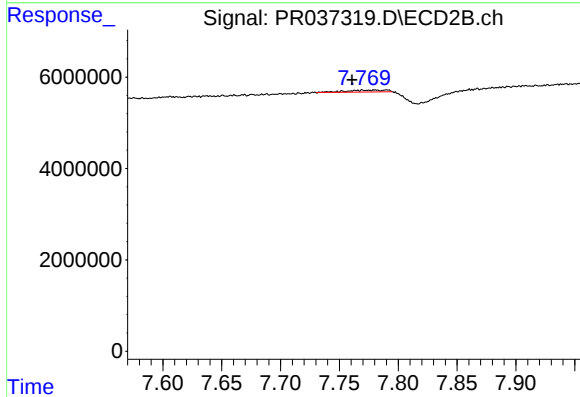
R.T.: 6.957 min
Delta R.T.: 0.028 min
Response: 276141
Conc: 0.22 ng/ml



#40 AR-1262-5

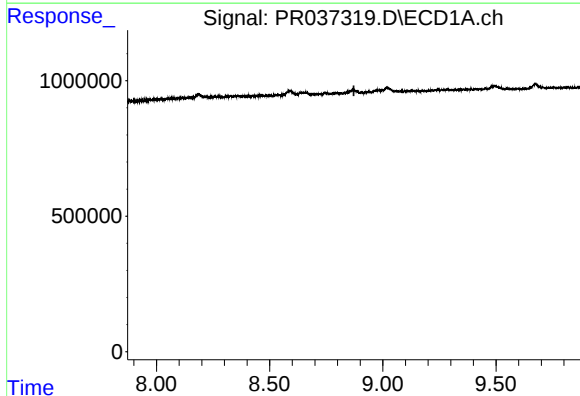
R.T.: 0.000 min
Exp R.T.: 9.287 min
Response: 0
Conc: N.D.

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



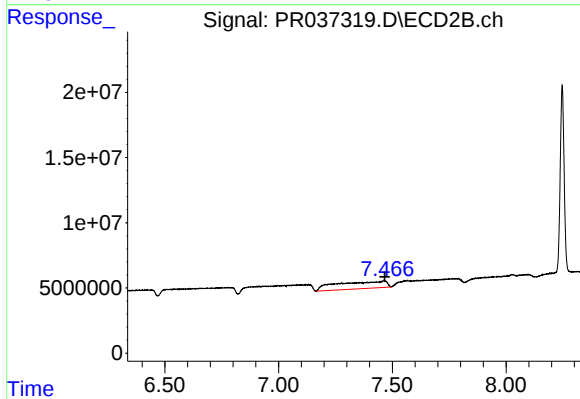
#40 AR-1262-5

R.T.: 7.779 min
Delta R.T.: 0.019 min
Response: 1022654
Conc: 2.67 ng/ml



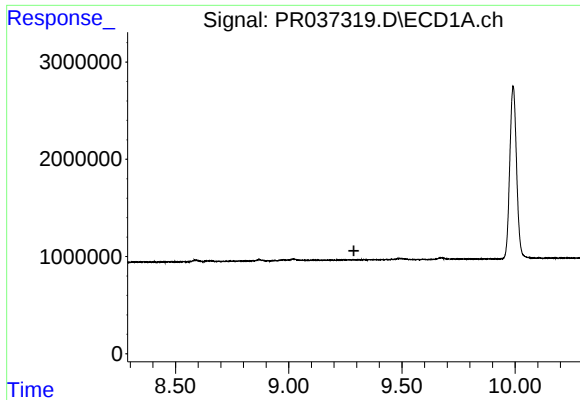
#43 AR-1268-3

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



#43 AR-1268-3

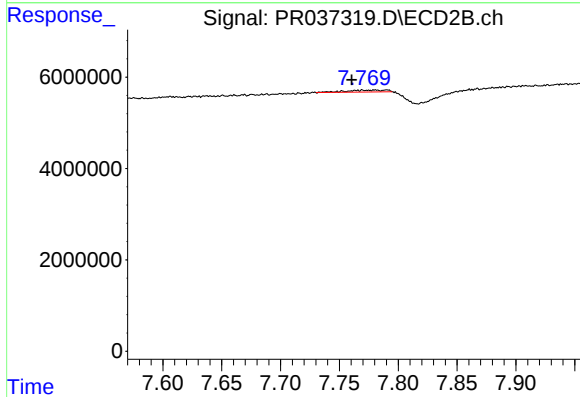
R.T.: 7.464 min
Delta R.T.: -0.002 min
Response: 83709858
Conc: 94.45 ng/ml



#44 AR-1268-4

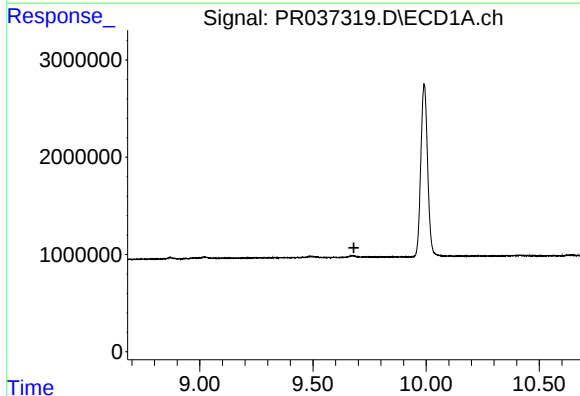
R.T.: 0.000 min
Exp R.T.: 9.288 min
Response: 0
Conc: N.D.

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



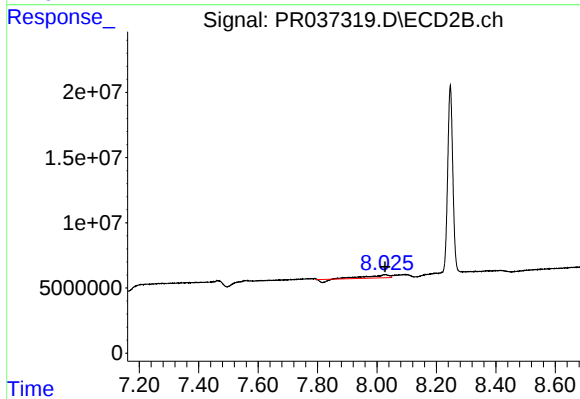
#44 AR-1268-4

R.T.: 7.779 min
Delta R.T.: 0.019 min
Response: 1022654
Conc: 2.82 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 9666462
Conc: 3.80 ng/ml