

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080724\
 Data File : PR068082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2024 13:32
 Operator : AJ\MA
 Sample : P3390-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 17:20:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 07 00:26:28 2024
 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...	3.677	3.010	44558247	86386516	17.516	19.811
2)	SA Decachlor...	9.581	8.331	81345067	93506668	18.538	20.637
Target Compounds							
3)	L1 AR-1016-1	4.899	4.143	756118	1980739	12.938	13.180
4)	L1 AR-1016-2	4.925	4.161	1312474	2692448	11.837	12.830
5)	L1 AR-1016-3	4.987	4.342	1245045	1449467	16.212	12.707
6)	L1 AR-1016-4	5.089	4.394	573791	1130912	9.163	11.826 #
7)	L1 AR-1016-5	5.404	4.614	530340	1217789	10.561	10.189
8)	L2 AR-1221-1	3.896	3.236	416557	1059364	15.156	6.816 #
9)	L2 AR-1221-2	3.988	3.320	1299644	1942380	57.836	26.446 #
10)	L2 AR-1221-3	4.066	3.402	1972547	2703412	27.610	8.345 #
11)	L3 AR-1232-1	4.066	3.402	1972547	2703412	33.519	26.690
12)	L3 AR-1232-2	4.615	4.161	1148951	2692448	36.581	26.722 #
13)	L3 AR-1232-3	4.925	4.342	1312474	1449467	24.346	26.690
14)	L3 AR-1232-4	5.089	4.439	573791	1996198	19.190	39.948 #
15)	L3 AR-1232-5	5.194	4.614	376471	1217789	24.444	22.902
16)	L4 AR-1242-1	4.899	4.143	756118	1980739	15.457	12.993
17)	L4 AR-1242-2	4.925	4.161	1312474	2692448	14.445	12.591
18)	L4 AR-1242-3	4.987	4.342	1245045	1449467	19.838	13.644 #
19)	L4 AR-1242-4	5.089	4.439	573791	1996198	11.497	19.850 #
20)	L4 AR-1242-5	5.879	4.989	593966	1843508	12.921	11.755
21)	L5 AR-1248-1	4.899	4.143	756118	1980739	19.700	16.645
22)	L5 AR-1248-2	5.194	4.394	376471	1130912	7.177	6.000
23)	L5 AR-1248-3	5.404	4.439	530340	1996198	7.532	10.473 #
24)	L5 AR-1248-4	5.839	4.614	520015	1217789	6.994	5.639
25)	L5 AR-1248-5	5.879	5.032	593966	1642331	7.358	7.729
26)	L6 AR-1254-1	5.807	4.989	985146	1843508	13.804	7.208 #
27)	L6 AR-1254-2	6.044	5.152	716421	811193	6.383	3.529 #
28)	L6 AR-1254-3	6.441	5.558f	427398	3484978	3.181	9.659 #
29)	L6 AR-1254-4	6.724f	5.825	795059	1152265	7.607	5.362 #
30)	L6 AR-1254-5	0.000	6.272	0	348038	N.D.	1.054 #
31)	L7 AR-1260-1	0.000	5.729	0	638466	N.D.	2.608 #
32)	L7 AR-1260-2	0.000	5.929	0	666798	N.D.	2.297 #
33)	L7 AR-1260-3	0.000	6.091	0	1418713	N.D.	5.166 #
35)	L7 AR-1260-5	0.000	6.879f	0	339527	N.D.	0.701 #
36)	L8 AR-1262-1	0.000	6.331	0	361626	N.D.	1.047 #
37)	L8 AR-1262-2	0.000	6.879f	0	339527	N.D.	0.558 #
38)	L8 AR-1262-3	0.000	7.177	0	186849	N.D.	0.783 #
39)	L8 AR-1262-4	0.000	7.256f	0	199183	N.D.	0.448 #
40)	L8 AR-1262-5	8.876	0.000	657885	0	3.476	N.D. #
41)	L9 AR-1268-1	0.000	7.177	0	186849	N.D.	0.253 #
42)	L9 AR-1268-2	0.000	7.256f	0	199183	N.D.	0.295 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080724\
 Data File : PR068082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2024 13:32
 Operator : AJ\MA
 Sample : P3390-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 66 Sample Multiplier: 1

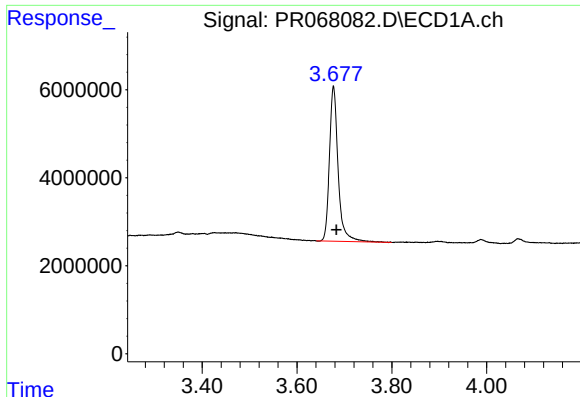
Instrument :
 ECD_R
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 17:20:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 07 00:26:28 2024
 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
43) L9	AR-1268-3	8.481	7.467	603962	198671	1.088	0.322 #
44) L9	AR-1268-4	8.876	0.000	657885	0	3.248	N.D. #
45) L9	AR-1268-5	9.268	8.076	1223157	621962	0.782	0.436 #

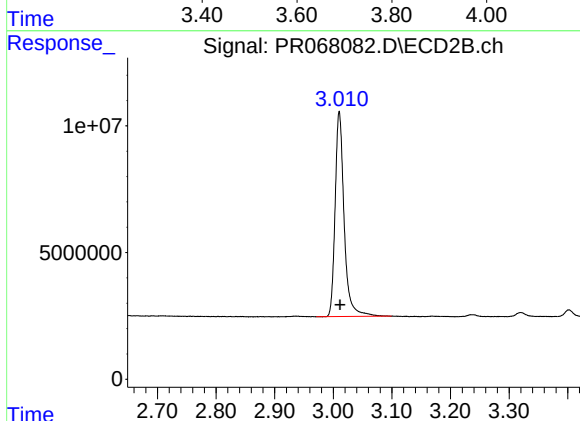
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

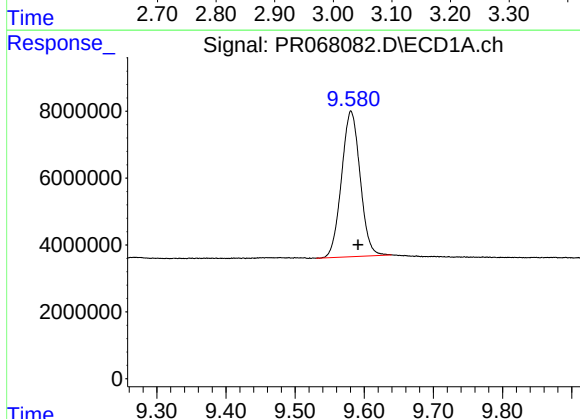
R.T.: 3.677 min
Delta R.T.: -0.006 min
Response: 44558247
Conc: 17.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



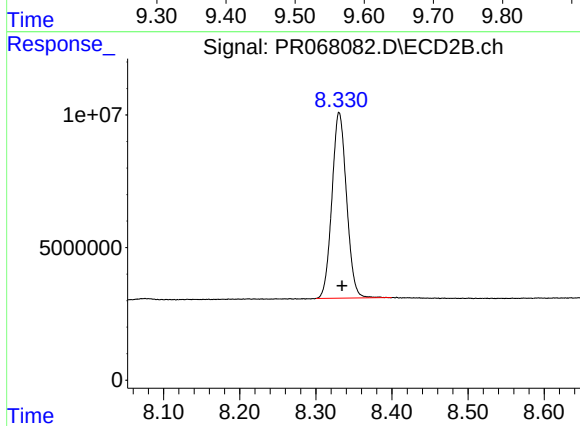
#1 Tetrachloro-m-xylene

R.T.: 3.010 min
Delta R.T.: -0.001 min
Response: 86386516
Conc: 19.81 ng/ml



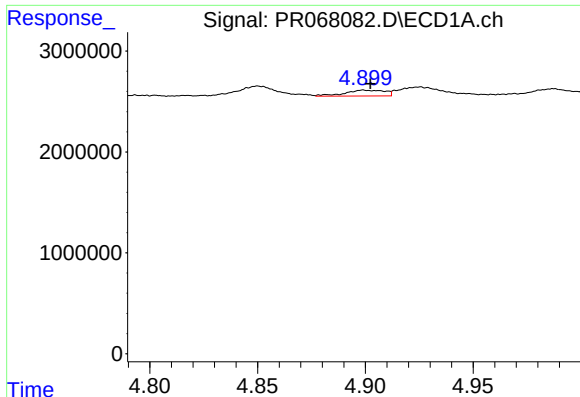
#2 Decachlorobiphenyl

R.T.: 9.581 min
Delta R.T.: -0.010 min
Response: 81345067
Conc: 18.54 ng/ml



#2 Decachlorobiphenyl

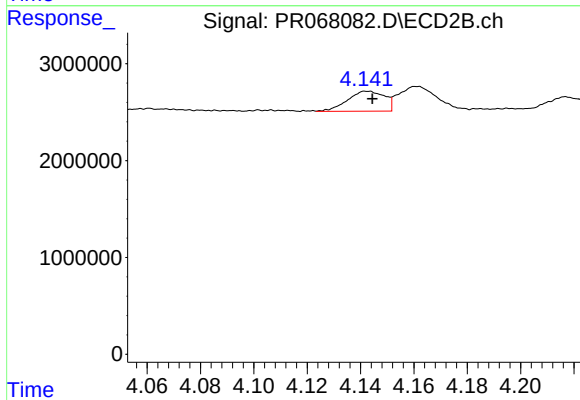
R.T.: 8.331 min
Delta R.T.: -0.004 min
Response: 93506668
Conc: 20.64 ng/ml



#3 AR-1016-1

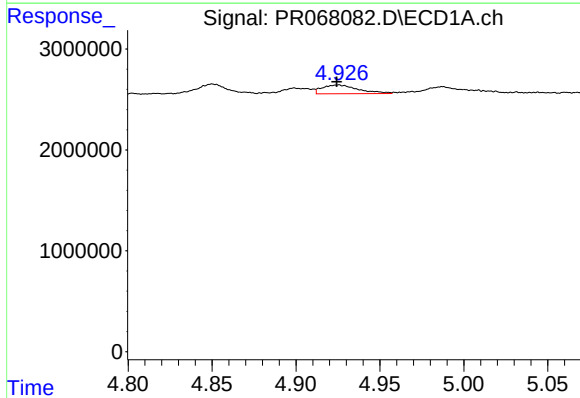
R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 756118
Conc: 12.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



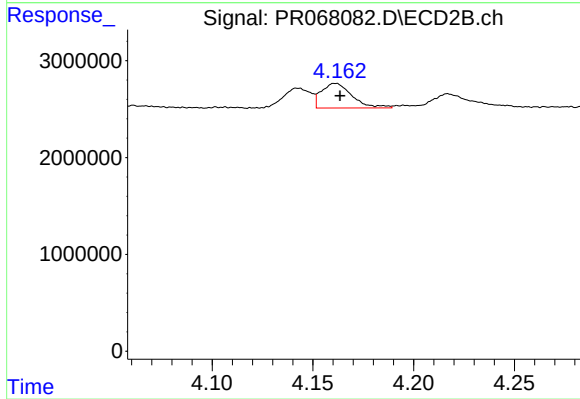
#3 AR-1016-1

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 1980739
Conc: 13.18 ng/ml



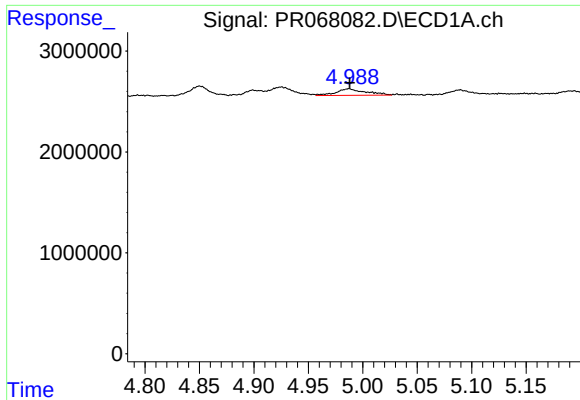
#4 AR-1016-2

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 1312474
Conc: 11.84 ng/ml



#4 AR-1016-2

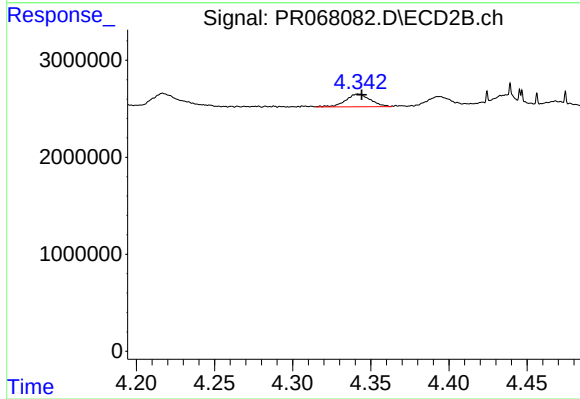
R.T.: 4.161 min
Delta R.T.: -0.002 min
Response: 2692448
Conc: 12.83 ng/ml



#5 AR-1016-3

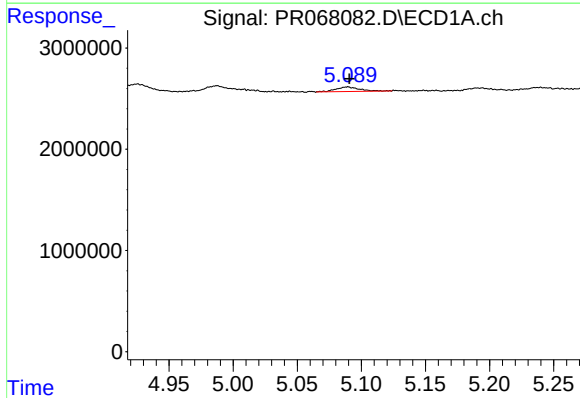
R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 1245045
Conc: 16.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



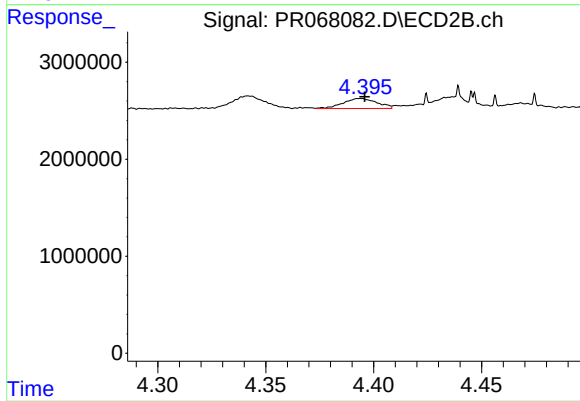
#5 AR-1016-3

R.T.: 4.342 min
Delta R.T.: -0.002 min
Response: 1449467
Conc: 12.71 ng/ml



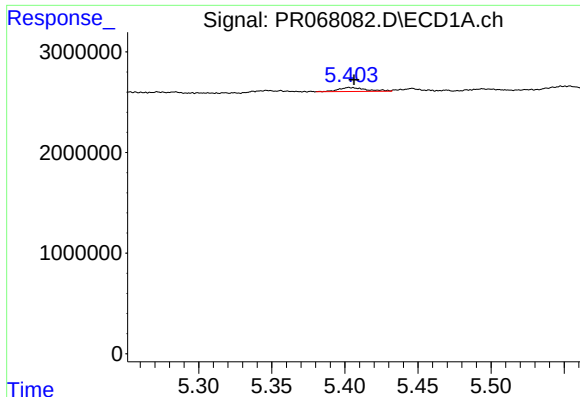
#6 AR-1016-4

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 573791
Conc: 9.16 ng/ml



#6 AR-1016-4

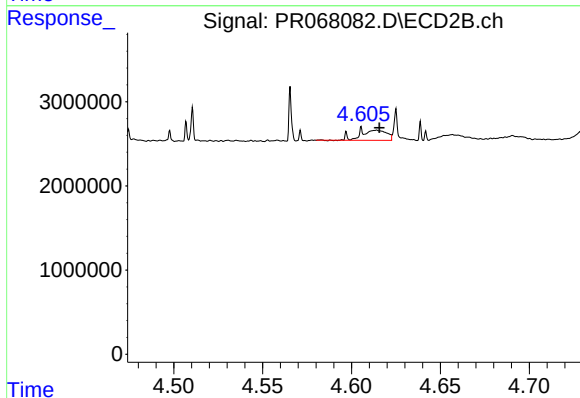
R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 1130912
Conc: 11.83 ng/ml



#7 AR-1016-5

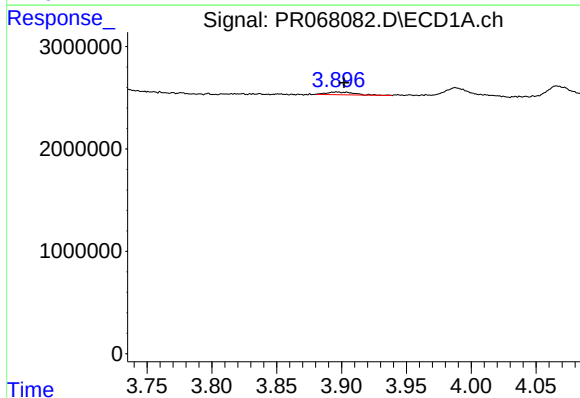
R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 530340
Conc: 10.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



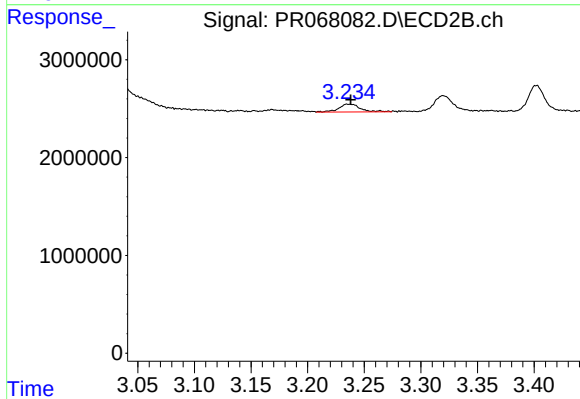
#7 AR-1016-5

R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 1217789
Conc: 10.19 ng/ml



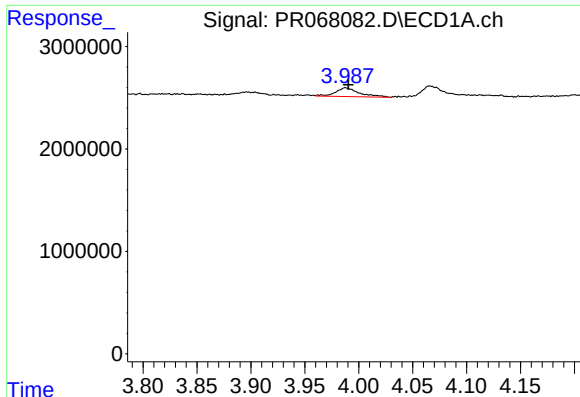
#8 AR-1221-1

R.T.: 3.896 min
Delta R.T.: -0.005 min
Response: 416557
Conc: 15.16 ng/ml



#8 AR-1221-1

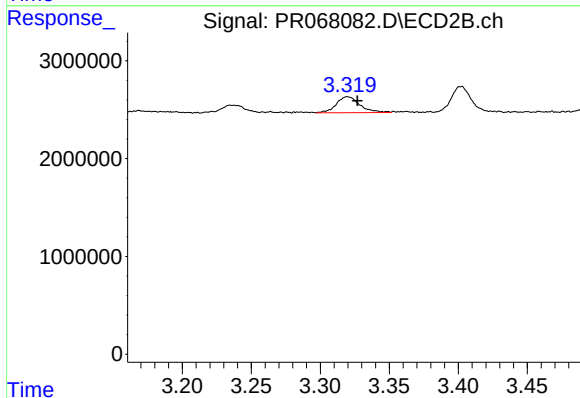
R.T.: 3.236 min
Delta R.T.: -0.002 min
Response: 1059364
Conc: 6.82 ng/ml



#9 AR-1221-2

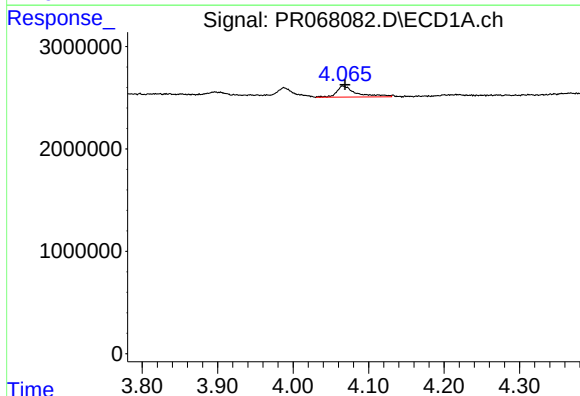
R.T.: 3.988 min
Delta R.T.: -0.002 min
Response: 1299644
Conc: 57.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



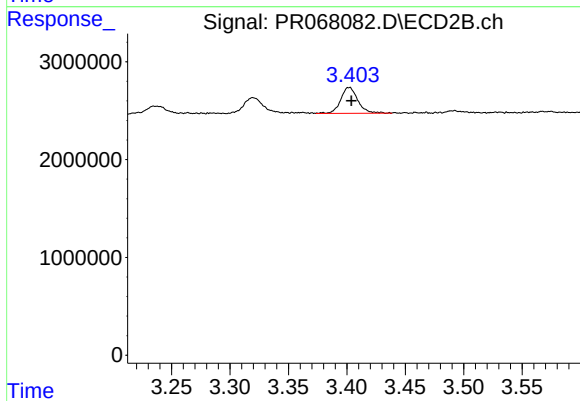
#9 AR-1221-2

R.T.: 3.320 min
Delta R.T.: -0.007 min
Response: 1942380
Conc: 26.45 ng/ml



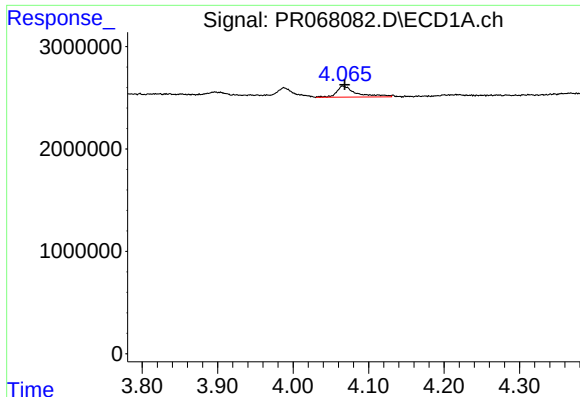
#10 AR-1221-3

R.T.: 4.066 min
Delta R.T.: -0.003 min
Response: 1972547
Conc: 27.61 ng/ml



#10 AR-1221-3

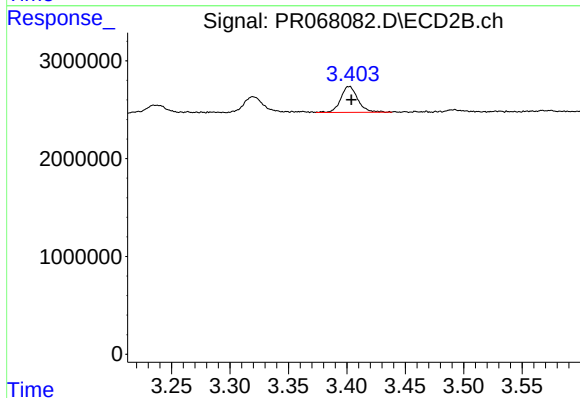
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 2703412
Conc: 8.34 ng/ml



#11 AR-1232-1

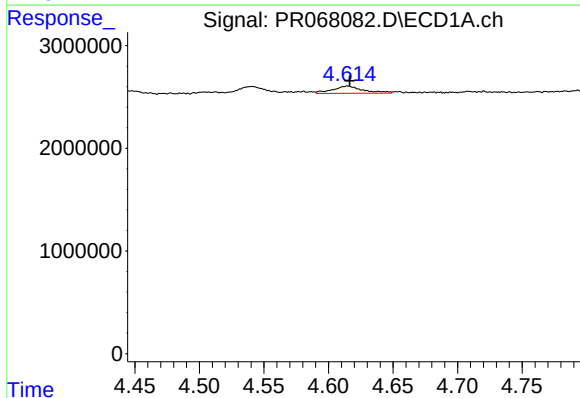
R.T.: 4.066 min
Delta R.T.: -0.002 min
Response: 1972547
Conc: 33.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



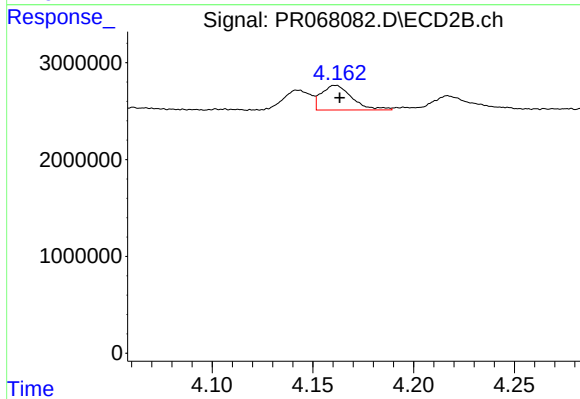
#11 AR-1232-1

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 2703412
Conc: 26.69 ng/ml



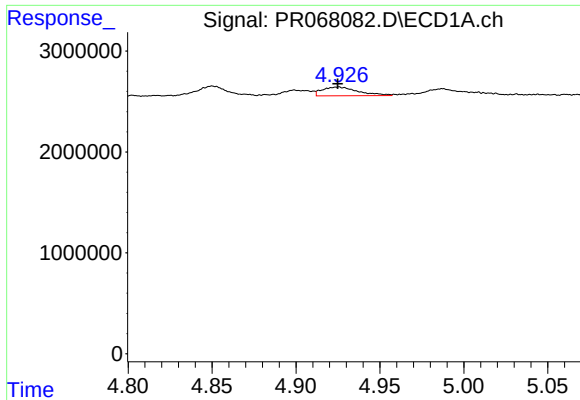
#12 AR-1232-2

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 1148951
Conc: 36.58 ng/ml



#12 AR-1232-2

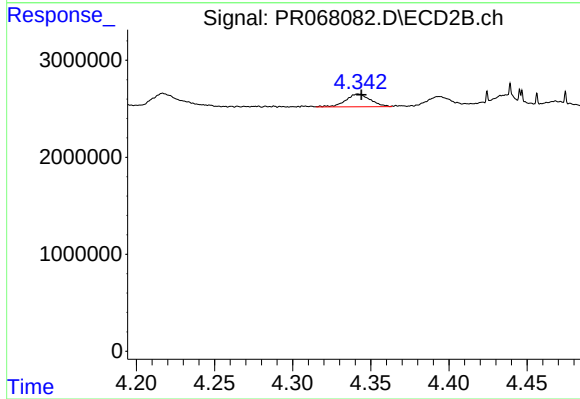
R.T.: 4.161 min
Delta R.T.: -0.002 min
Response: 2692448
Conc: 26.72 ng/ml



#13 AR-1232-3

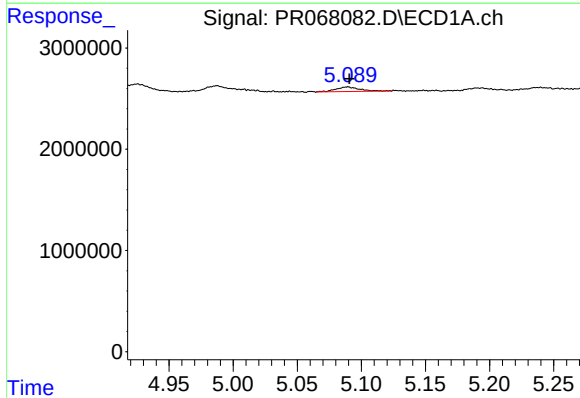
R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 1312474
Conc: 24.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



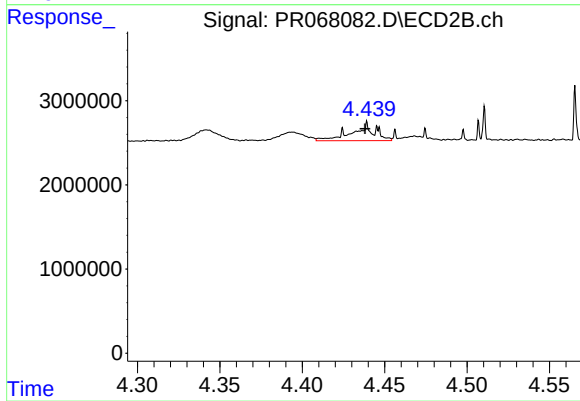
#13 AR-1232-3

R.T.: 4.342 min
Delta R.T.: -0.002 min
Response: 1449467
Conc: 26.69 ng/ml



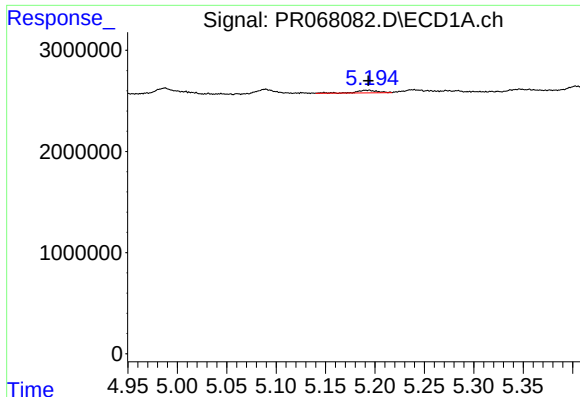
#14 AR-1232-4

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 573791
Conc: 19.19 ng/ml



#14 AR-1232-4

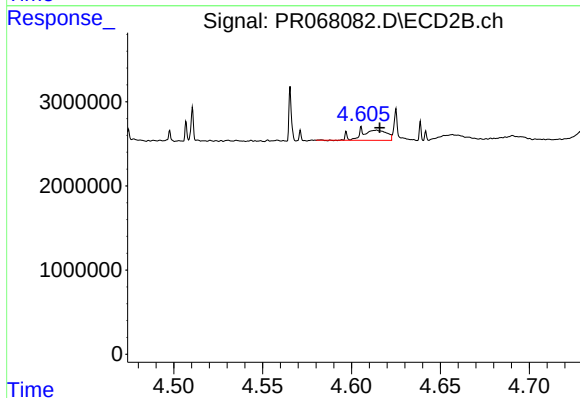
R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 1996198
Conc: 39.95 ng/ml



#15 AR-1232-5

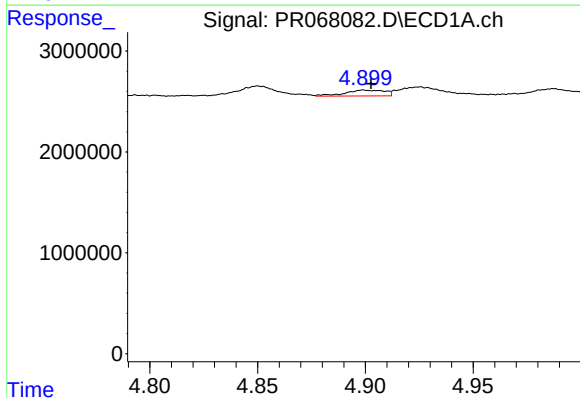
R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 376471
Conc: 24.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



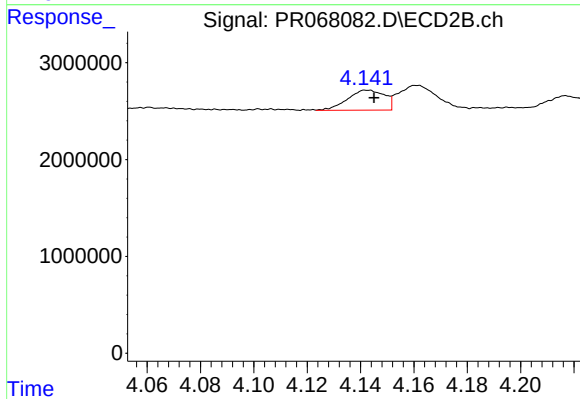
#15 AR-1232-5

R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 1217789
Conc: 22.90 ng/ml



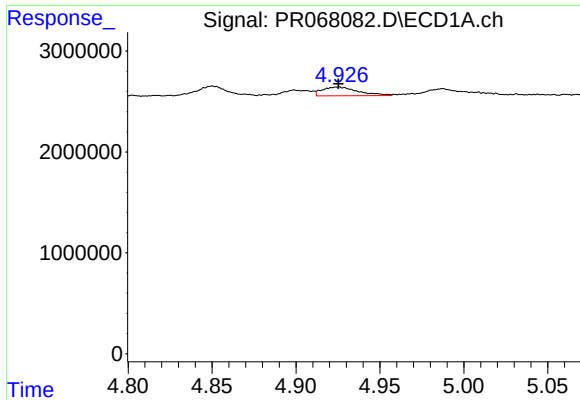
#16 AR-1242-1

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 756118
Conc: 15.46 ng/ml



#16 AR-1242-1

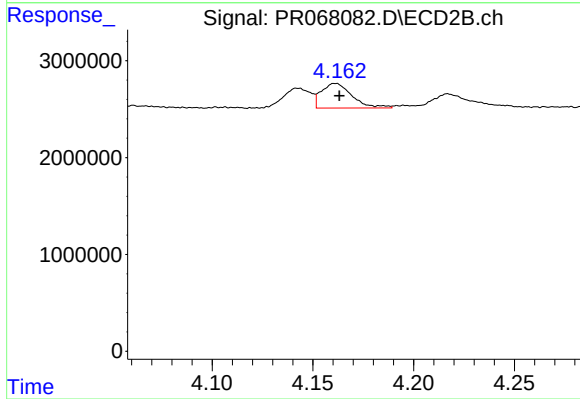
R.T.: 4.143 min
Delta R.T.: -0.003 min
Response: 1980739
Conc: 12.99 ng/ml



#17 AR-1242-2

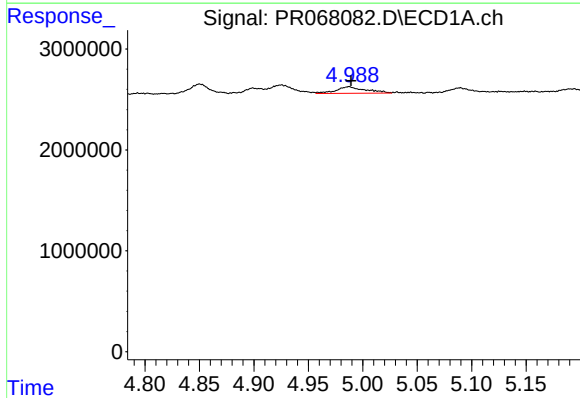
R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 1312474
Conc: 14.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



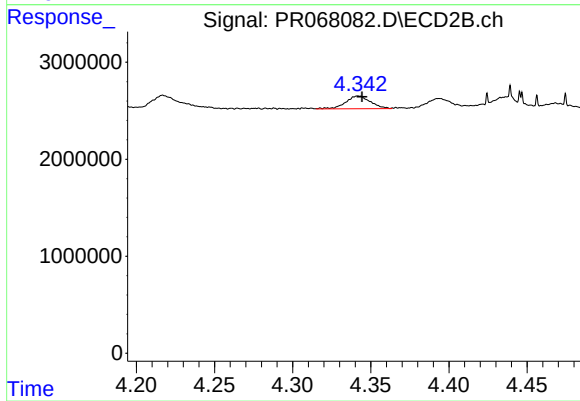
#17 AR-1242-2

R.T.: 4.161 min
Delta R.T.: -0.002 min
Response: 2692448
Conc: 12.59 ng/ml



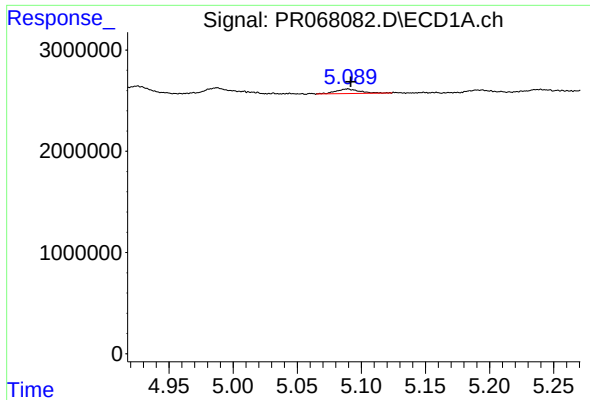
#18 AR-1242-3

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 1245045
Conc: 19.84 ng/ml



#18 AR-1242-3

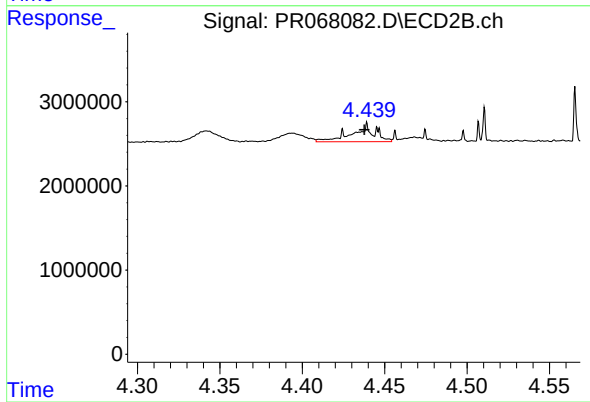
R.T.: 4.342 min
Delta R.T.: -0.002 min
Response: 1449467
Conc: 13.64 ng/ml



#19 AR-1242-4

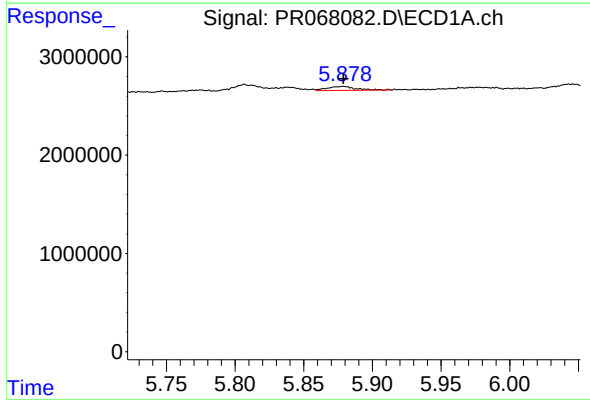
R.T.: 5.089 min
Delta R.T.: -0.003 min
Response: 573791
Conc: 11.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



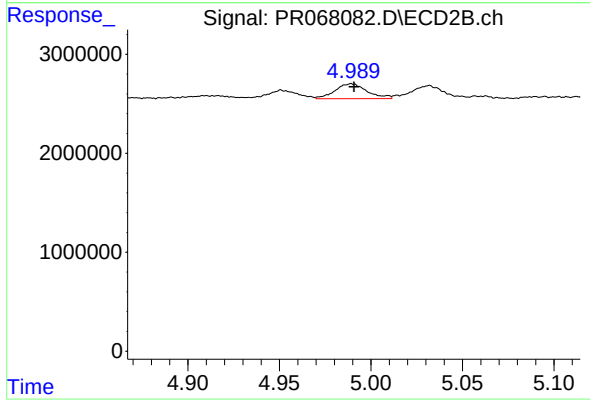
#19 AR-1242-4

R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 1996198
Conc: 19.85 ng/ml



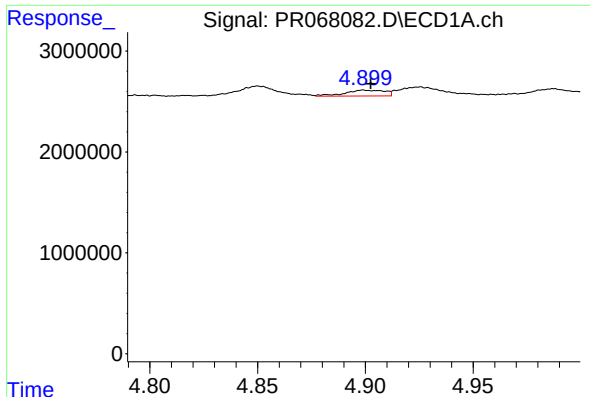
#20 AR-1242-5

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 593966
Conc: 12.92 ng/ml



#20 AR-1242-5

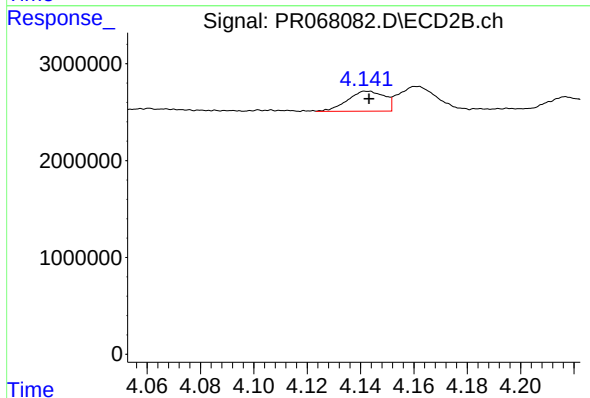
R.T.: 4.989 min
Delta R.T.: -0.001 min
Response: 1843508
Conc: 11.76 ng/ml



#21 AR-1248-1

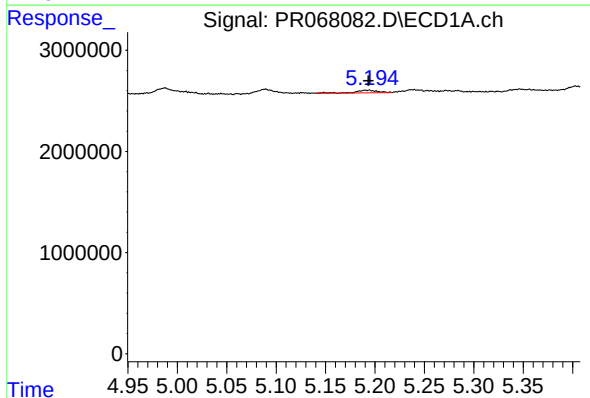
R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 756118
Conc: 19.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



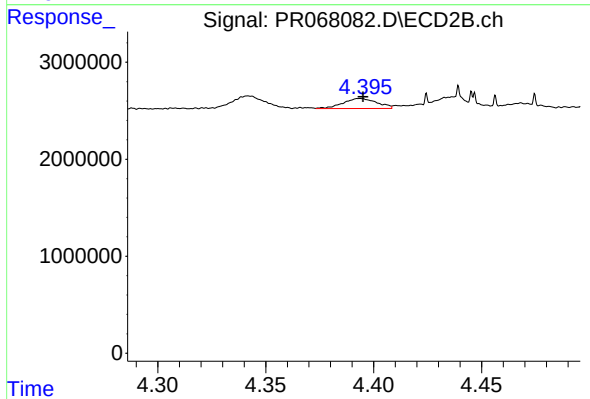
#21 AR-1248-1

R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 1980739
Conc: 16.65 ng/ml



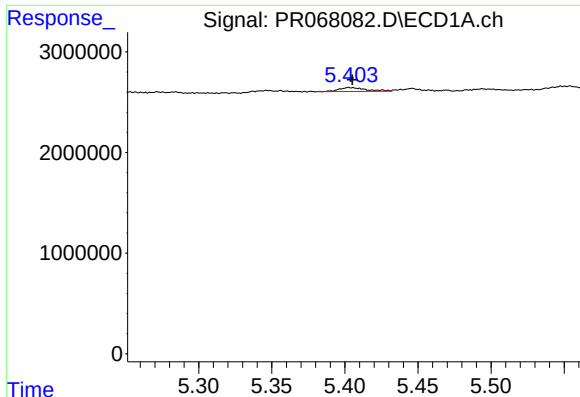
#22 AR-1248-2

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 376471
Conc: 7.18 ng/ml



#22 AR-1248-2

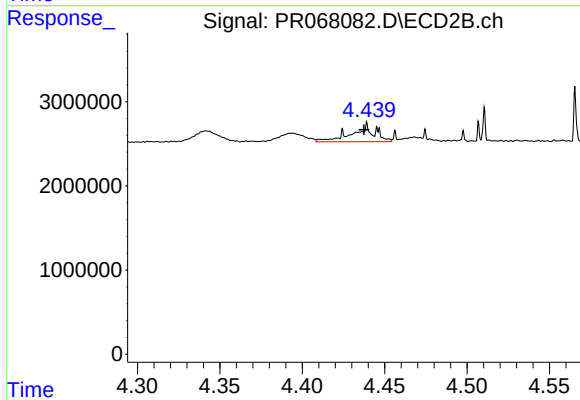
R.T.: 4.394 min
Delta R.T.: -0.001 min
Response: 1130912
Conc: 6.00 ng/ml



#23 AR-1248-3

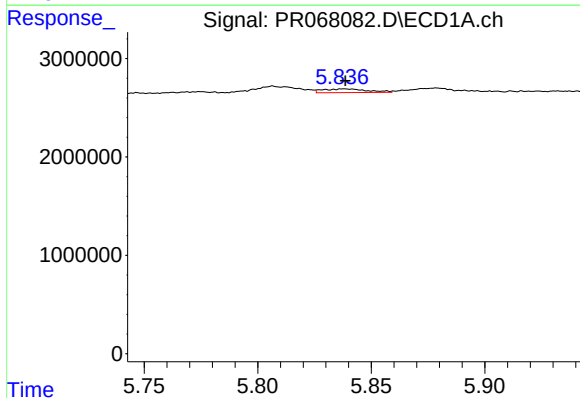
R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 530340
Conc: 7.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



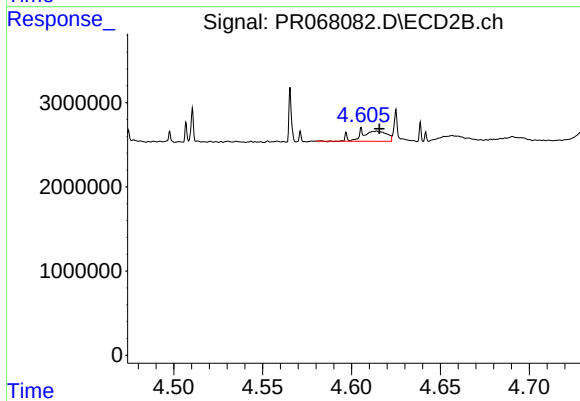
#23 AR-1248-3

R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 1996198
Conc: 10.47 ng/ml



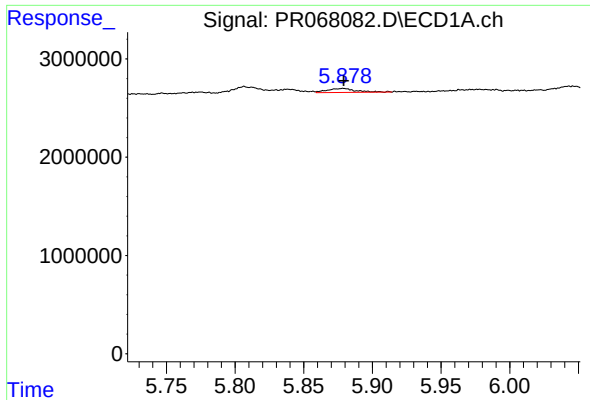
#24 AR-1248-4

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 520015
Conc: 6.99 ng/ml



#24 AR-1248-4

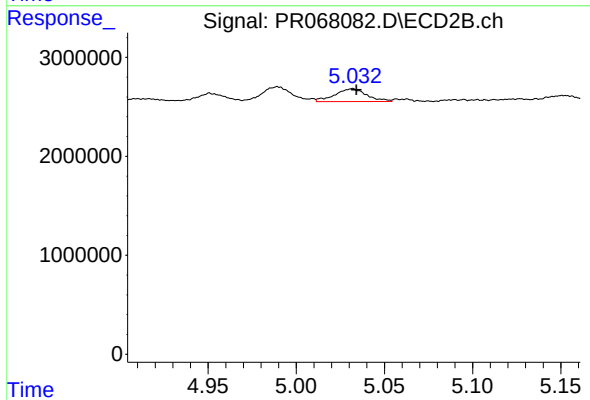
R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 1217789
Conc: 5.64 ng/ml



#25 AR-1248-5

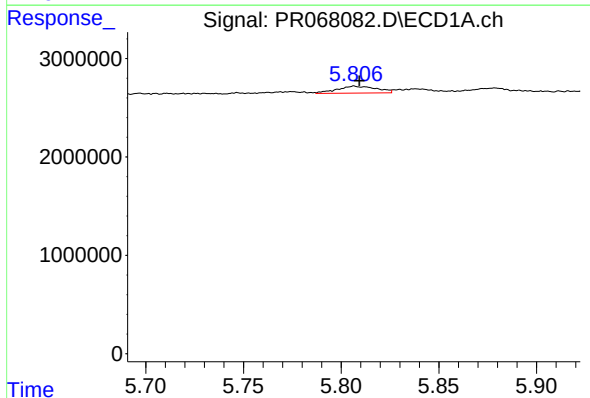
R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 593966
Conc: 7.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



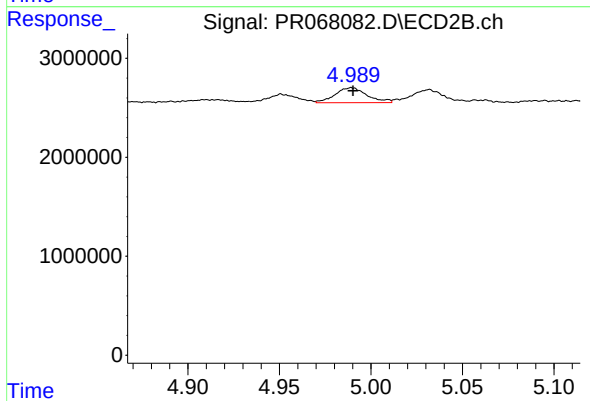
#25 AR-1248-5

R.T.: 5.032 min
Delta R.T.: -0.002 min
Response: 1642331
Conc: 7.73 ng/ml



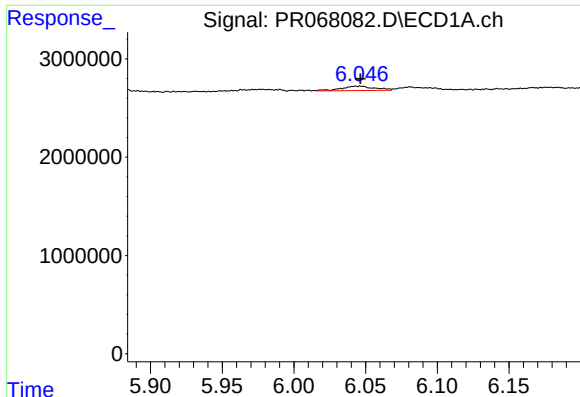
#26 AR-1254-1

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 985146
Conc: 13.80 ng/ml



#26 AR-1254-1

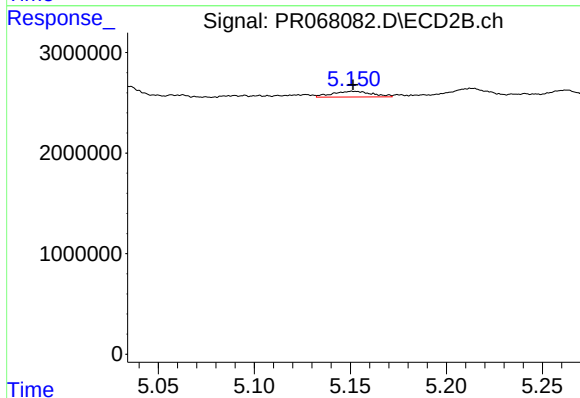
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 1843508
Conc: 7.21 ng/ml



#27 AR-1254-2

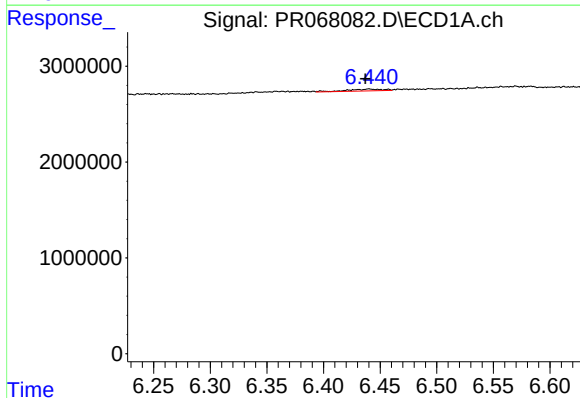
R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 716421
Conc: 6.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



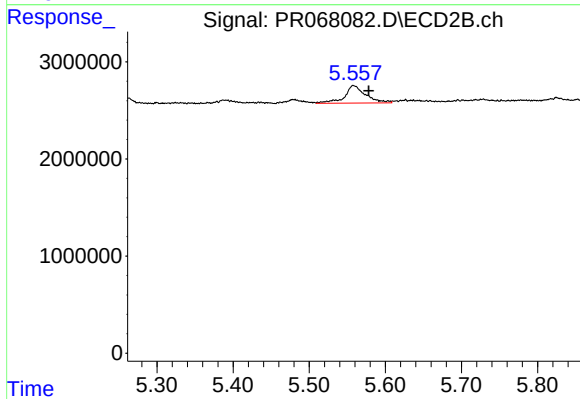
#27 AR-1254-2

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 811193
Conc: 3.53 ng/ml



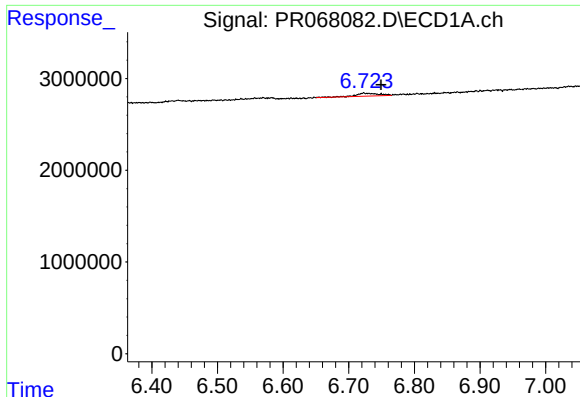
#28 AR-1254-3

R.T.: 6.441 min
Delta R.T.: 0.003 min
Response: 427398
Conc: 3.18 ng/ml



#28 AR-1254-3

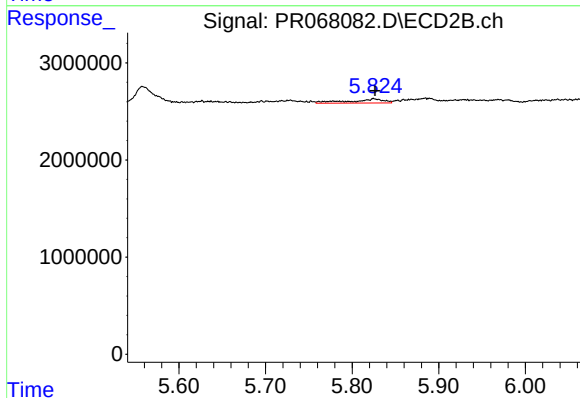
R.T.: 5.558 min
Delta R.T.: -0.020 min
Response: 3484978
Conc: 9.66 ng/ml



#29 AR-1254-4

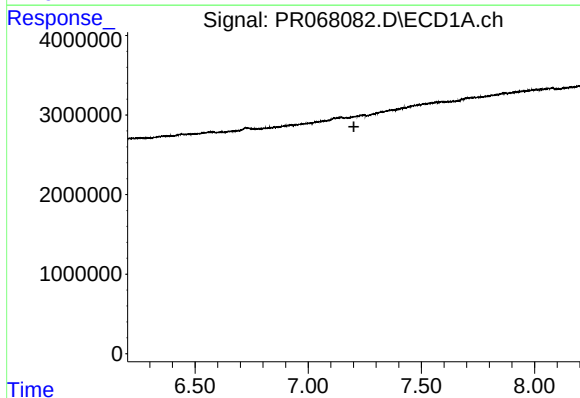
R.T.: 6.724 min
Delta R.T.: -0.026 min
Response: 795059
Conc: 7.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



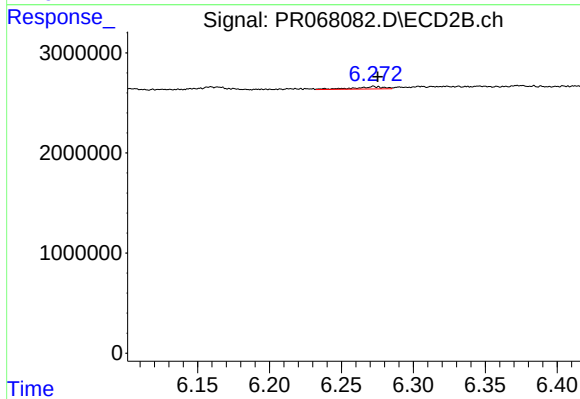
#29 AR-1254-4

R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 1152265
Conc: 5.36 ng/ml



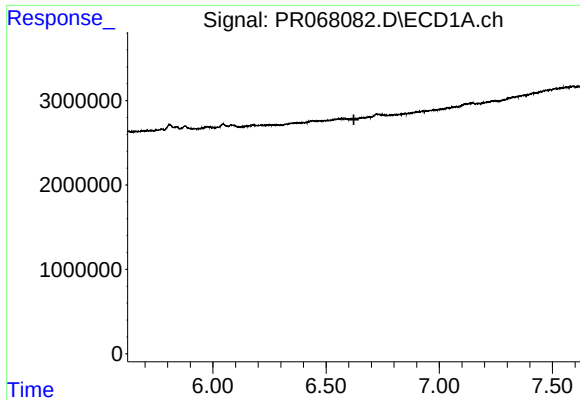
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.202 min
Response: 0
Conc: N.D.



#30 AR-1254-5

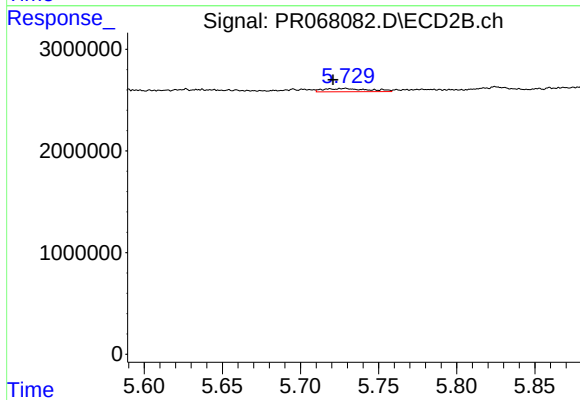
R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 348038
Conc: 1.05 ng/ml



#31 AR-1260-1

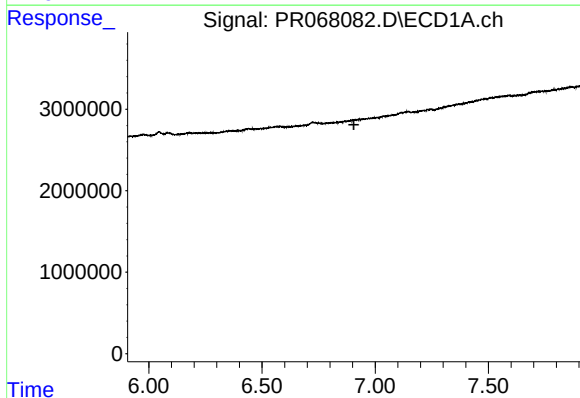
R.T.: 0.000 min
Exp R.T.: 6.623 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



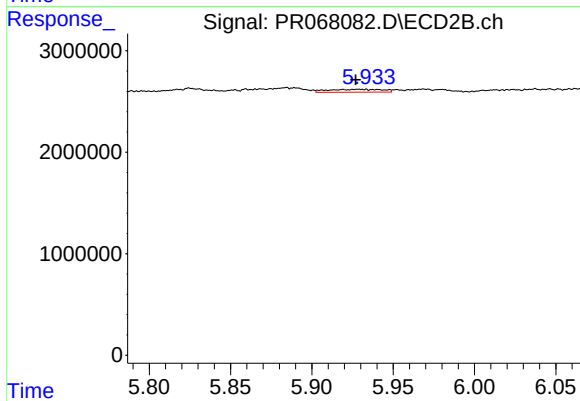
#31 AR-1260-1

R.T.: 5.729 min
Delta R.T.: 0.008 min
Response: 638466
Conc: 2.61 ng/ml



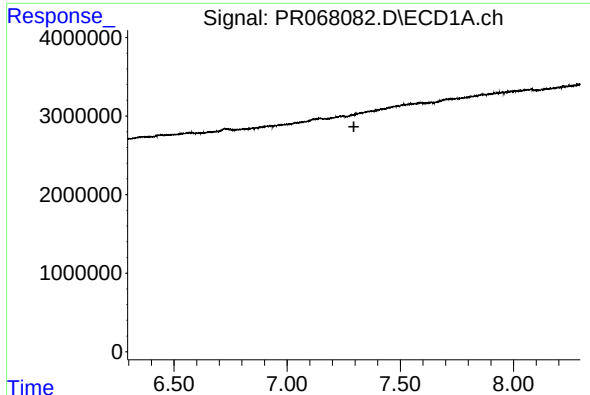
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.906 min
Response: 0
Conc: N.D.



#32 AR-1260-2

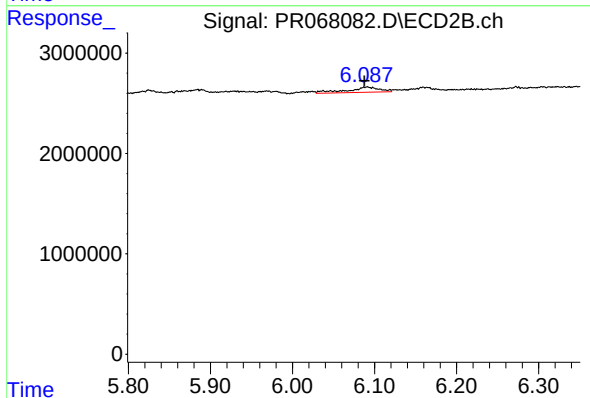
R.T.: 5.929 min
Delta R.T.: 0.002 min
Response: 666798
Conc: 2.30 ng/ml



#33 AR-1260-3

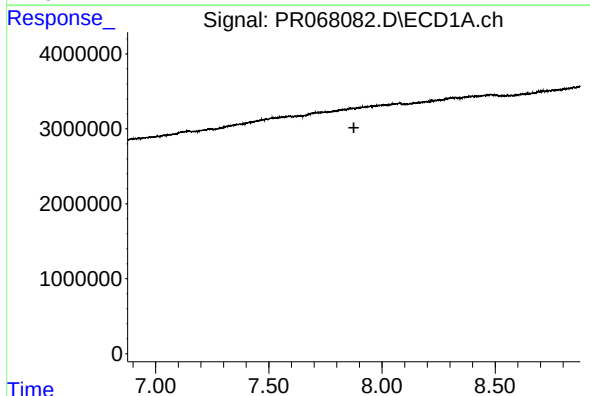
R.T.: 0.000 min
Exp R.T.: 7.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



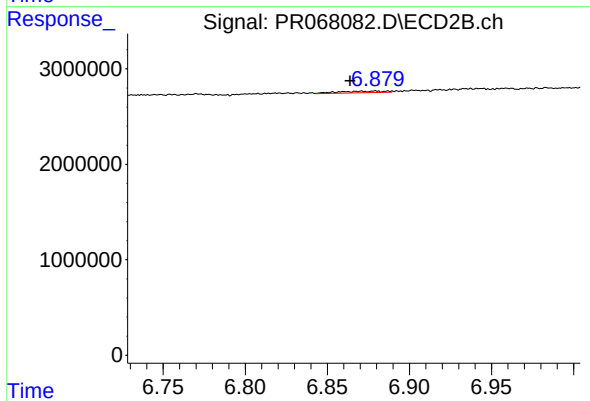
#33 AR-1260-3

R.T.: 6.091 min
Delta R.T.: 0.004 min
Response: 1418713
Conc: 5.17 ng/ml



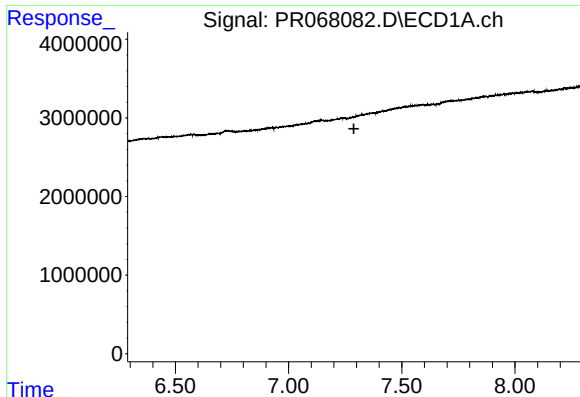
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.876 min
Response: 0
Conc: N.D.



#35 AR-1260-5

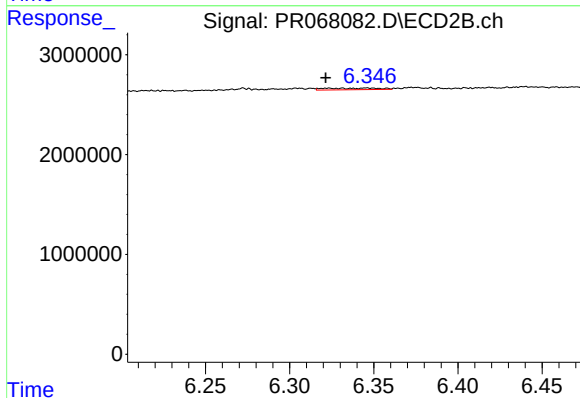
R.T.: 6.879 min
Delta R.T.: 0.015 min
Response: 339527
Conc: 0.70 ng/ml



#36 AR-1262-1

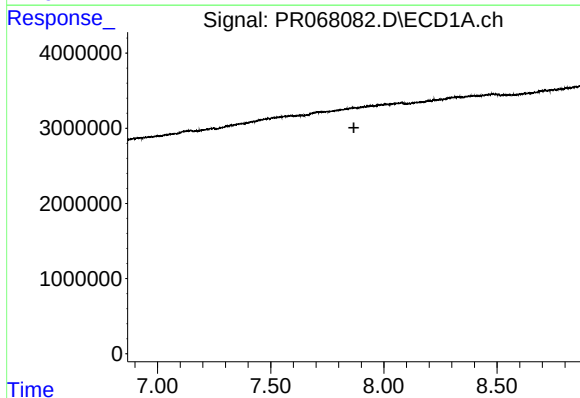
R.T.: 0.000 min
Exp R.T.: 7.289 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



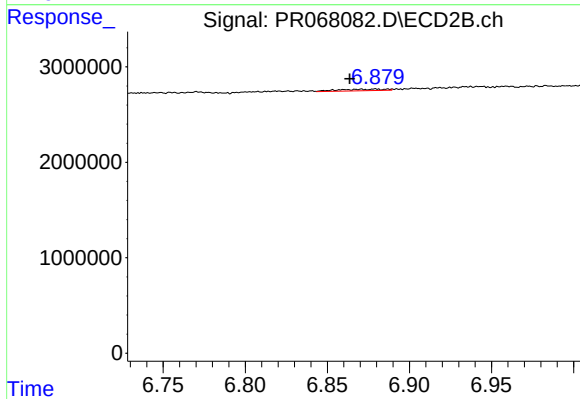
#36 AR-1262-1

R.T.: 6.331 min
Delta R.T.: 0.010 min
Response: 361626
Conc: 1.05 ng/ml



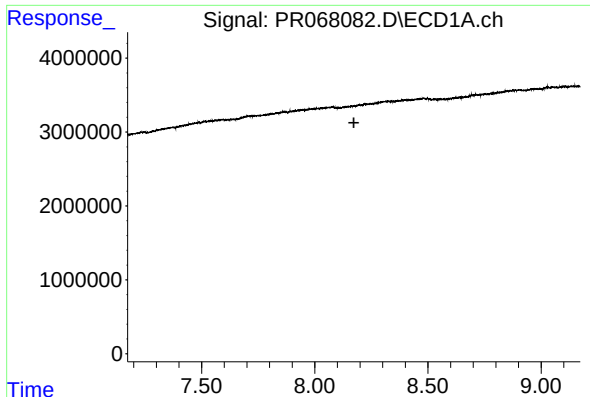
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T.: 7.867 min
Response: 0
Conc: N.D.



#37 AR-1262-2

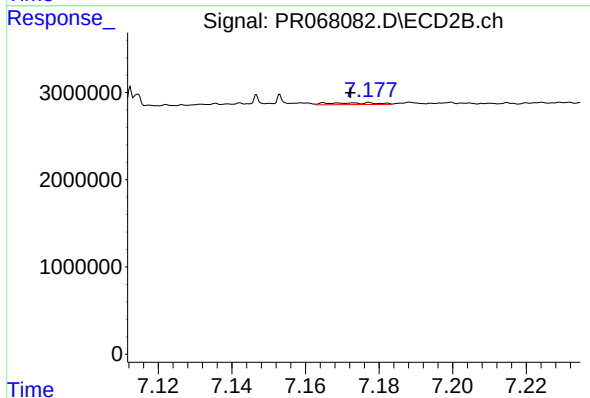
R.T.: 6.879 min
Delta R.T.: 0.016 min
Response: 339527
Conc: 0.56 ng/ml



#38 AR-1262-3

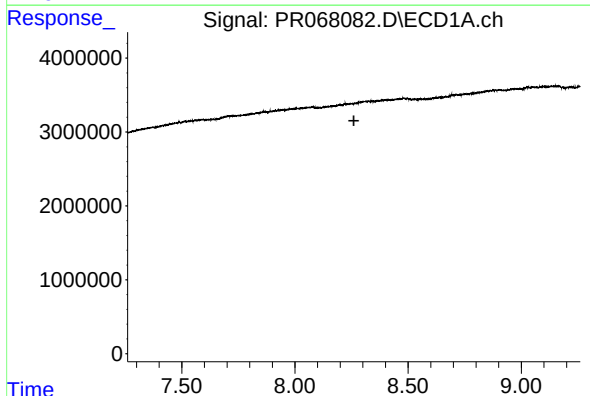
R.T.: 0.000 min
Exp R.T.: 8.173 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



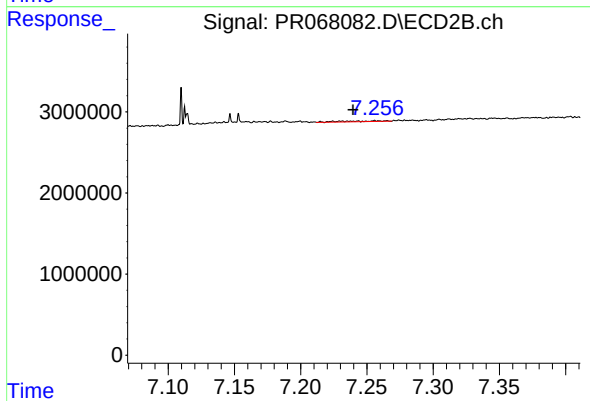
#38 AR-1262-3

R.T.: 7.177 min
Delta R.T.: 0.005 min
Response: 186849
Conc: 0.78 ng/ml



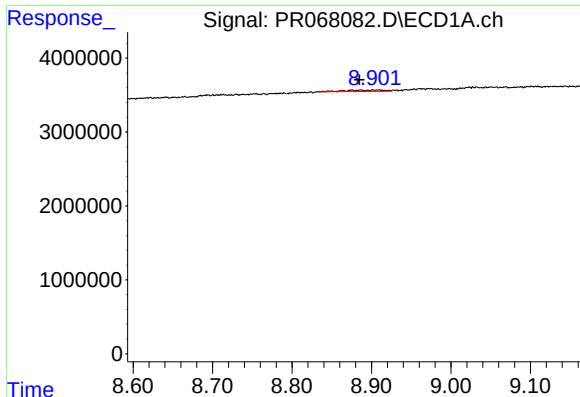
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.261 min
Response: 0
Conc: N.D.



#39 AR-1262-4

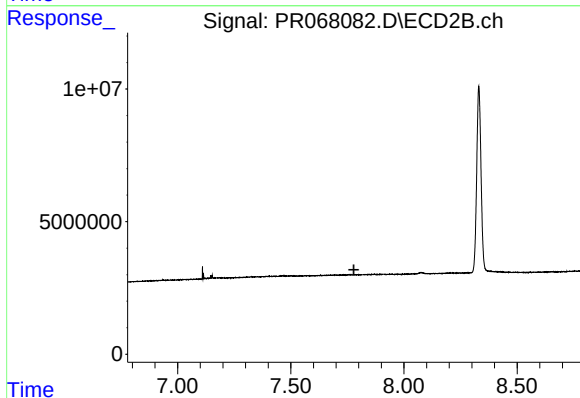
R.T.: 7.256 min
Delta R.T.: 0.017 min
Response: 199183
Conc: 0.45 ng/ml



#40 AR-1262-5

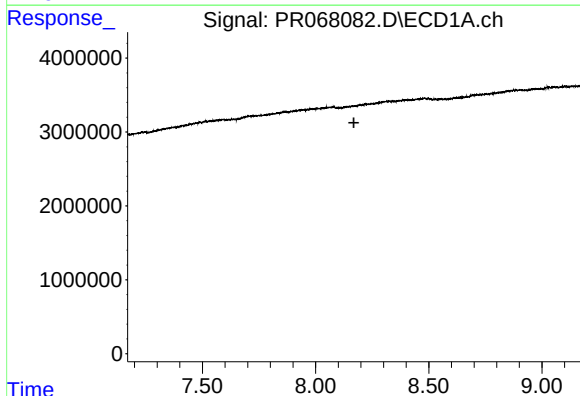
R.T.: 8.876 min
Delta R.T.: -0.009 min
Response: 657885
Conc: 3.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



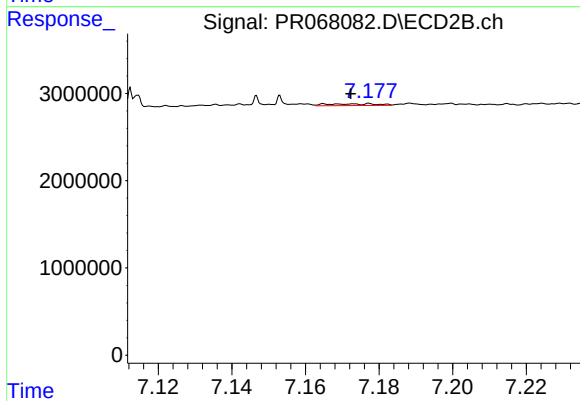
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.779 min
Response: 0
Conc: N.D.



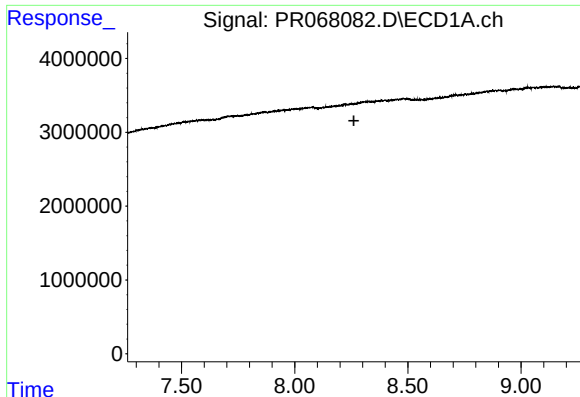
#41 AR-1268-1

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



#41 AR-1268-1

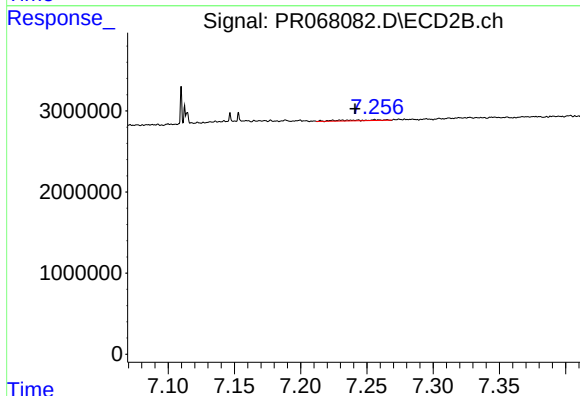
R.T.: 7.177 min
Delta R.T.: 0.005 min
Response: 186849
Conc: 0.25 ng/ml



#42 AR-1268-2

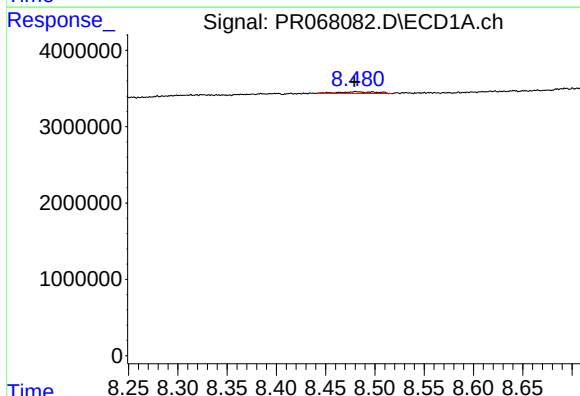
R.T.: 0.000 min
Exp R.T.: 8.261 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



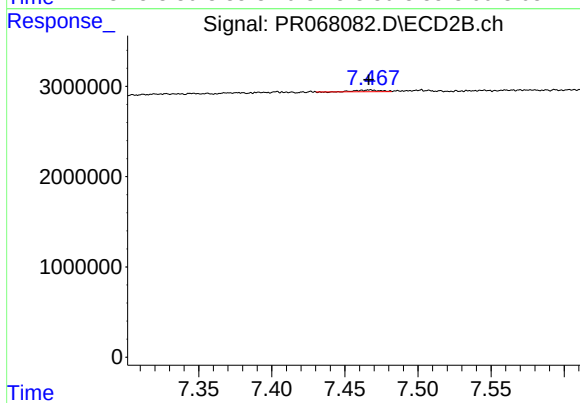
#42 AR-1268-2

R.T.: 7.256 min
Delta R.T.: 0.015 min
Response: 199183
Conc: 0.30 ng/ml



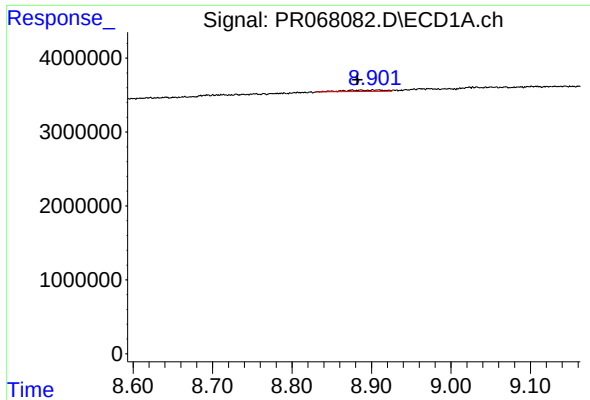
#43 AR-1268-3

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 603962
Conc: 1.09 ng/ml



#43 AR-1268-3

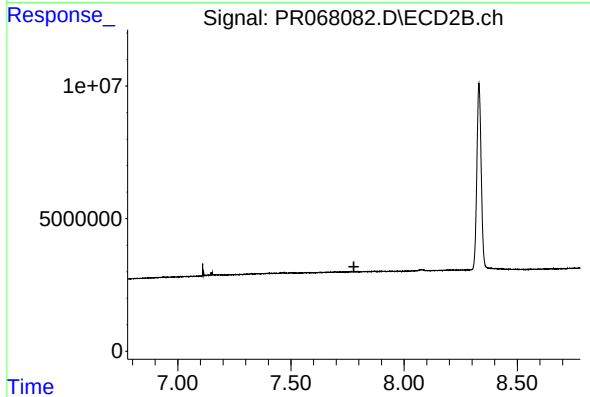
R.T.: 7.467 min
Delta R.T.: 0.001 min
Response: 198671
Conc: 0.32 ng/ml



#44 AR-1268-4

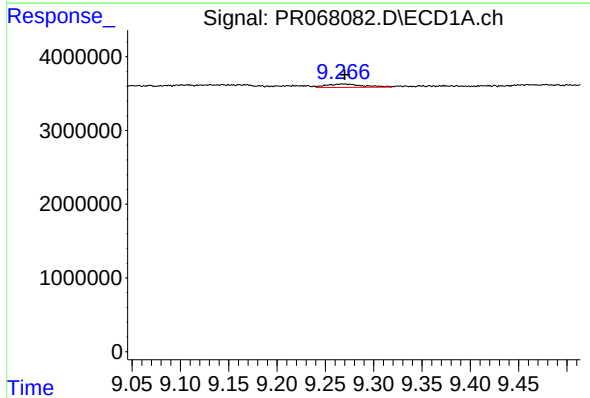
R.T.: 8.876 min
Delta R.T.: -0.007 min
Response: 657885
Conc: 3.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT3-2024



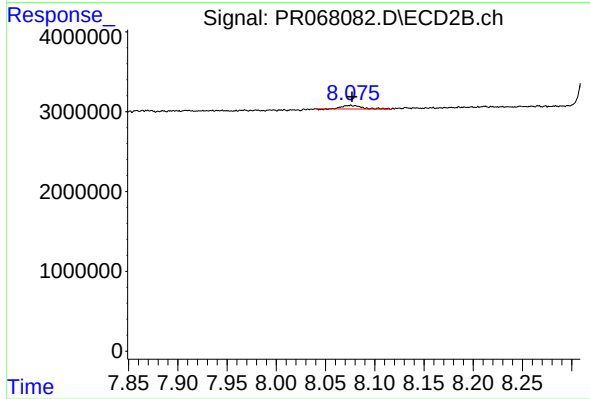
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.778 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.268 min
Delta R.T.: -0.002 min
Response: 1223157
Conc: 0.78 ng/ml



#45 AR-1268-5

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 621962
Conc: 0.44 ng/ml