

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082024\
 Data File : PP066726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2024 05:18
 Operator : YP\AJ
 Sample : P3390-01
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 06:01:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP082024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 05:19:45 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...	4.701	3.979	20622157	16385620	13.927	12.532
2)	SA Decachlor...	10.621	9.144	12520761	10203721	14.268	12.249
Target Compounds							
3)	L1 AR-1016-1	5.879	5.076	164144	97628	3.851	2.435 #
4)	L1 AR-1016-2	5.879f	5.126f	164144	212373	2.454	3.564 #
5)	L1 AR-1016-3	5.994f	0.000	403427	0	9.531	N.D. #
6)	L1 AR-1016-4	6.057	0.000	16188	0	0.496	N.D. #
9)	L2 AR-1221-2	5.011	4.289	257782	294800	20.789	25.118
12)	L3 AR-1232-2	0.000	5.126f	0	212373	N.D.	7.871 #
13)	L3 AR-1232-3	5.879f	0.000	164144	0	5.437	N.D. #
14)	L3 AR-1232-4	6.057	5.378	16188	158057	1.099	12.296 #
15)	L3 AR-1232-5	6.143	0.000	92002	0	7.751	N.D. #
16)	L4 AR-1242-1	5.879	5.076	164144	97628	5.090	3.182 #
17)	L4 AR-1242-2	5.879f	5.126f	164144	212373	3.243	4.687 #
18)	L4 AR-1242-3	5.994f	0.000	403427	0	12.767	N.D. #
19)	L4 AR-1242-4	6.057	5.378	16188	158057	0.653	6.281 #
20)	L4 AR-1242-5	6.821f	5.909	369983	285577	14.724	10.096 #
21)	L5 AR-1248-1	5.879	5.076	164144	97628	6.422	4.032 #
22)	L5 AR-1248-2	6.143	0.000	92002	0	2.290	N.D. #
23)	L5 AR-1248-3	0.000	5.378	0	158057	N.D.	4.233 #
24)	L5 AR-1248-4	6.750	0.000	113756	0	2.575	N.D. #
25)	L5 AR-1248-5	6.821f	5.934	369983	125260	8.071	3.316 #
26)	L6 AR-1254-1	6.738	5.909	149711	285577	3.033	4.767 #
27)	L6 AR-1254-2	6.952	6.056	619638	312460	8.493	5.847 #
28)	L6 AR-1254-3	7.324	6.482	199331	1104991	2.853	13.974 #
29)	L6 AR-1254-4	0.000	6.671f	0	31403	N.D.	0.777 #
30)	L6 AR-1254-5	8.022	7.119	4618540	808570	69.665	12.580 #
31)	L7 AR-1260-1	7.483	6.599	1320001	1327141	23.555	22.454
32)	L7 AR-1260-2	7.738	6.787	1687018	1474018	26.499	21.633
33)	L7 AR-1260-3	8.099	6.949	2976249	1730345	66.925	26.631 #
34)	L7 AR-1260-4	8.338	7.422	2831023	1733593	53.639	38.494 #
35)	L7 AR-1260-5	8.674	7.663	3953561	2551330	44.446	26.438 #
36)	L8 AR-1262-1	8.022	7.119	4618540	808570	102.291	25.296 #
37)	L8 AR-1262-2	8.674	7.422	3953561	1733593	36.205	27.803
38)	L8 AR-1262-3	9.009	7.949	2011954	1043569	28.340	23.321
39)	L8 AR-1262-4	9.105	8.015	876271	1945373	15.015	23.464 #
40)	L8 AR-1262-5	9.803	8.540	786882	740107	23.568	23.372
41)	L9 AR-1268-1	9.009	7.949	2011954	1043569	16.053	8.335 #
42)	L9 AR-1268-2	9.105	8.015	876271	1945373	7.945	16.797 #
43)	L9 AR-1268-3	9.361	0.000	49050	0	0.494	N.D. #
44)	L9 AR-1268-4	9.803	8.540	786882	740107	25.825	21.871
45)	L9 AR-1268-5	10.261	8.862	436536	148724	1.531	0.512 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082024\
Data File : PP066726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2024 05:18
Operator : YP\AJ
Sample : P3390-01
Misc : AR1262 LOD 40 PPB
ALS Vial : 60 Sample Multiplier: 1

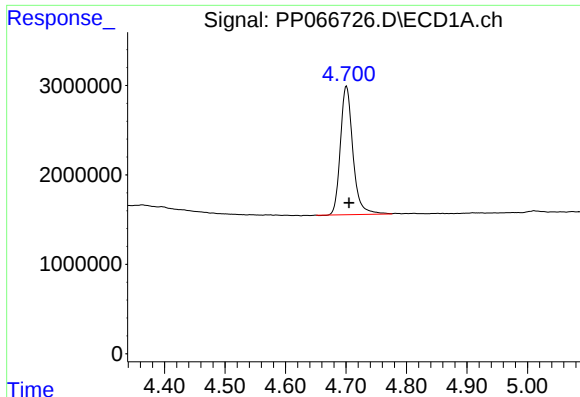
Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 06:01:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP082024.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 05:19:45 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

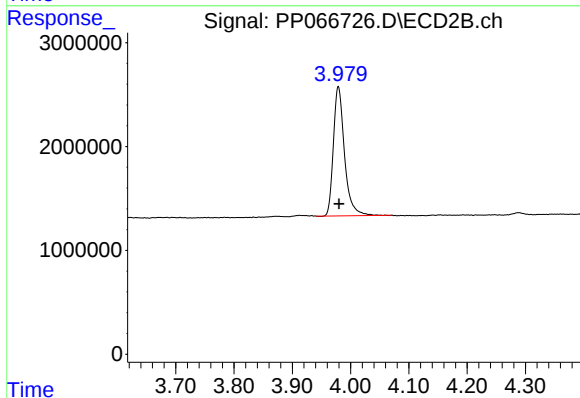
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

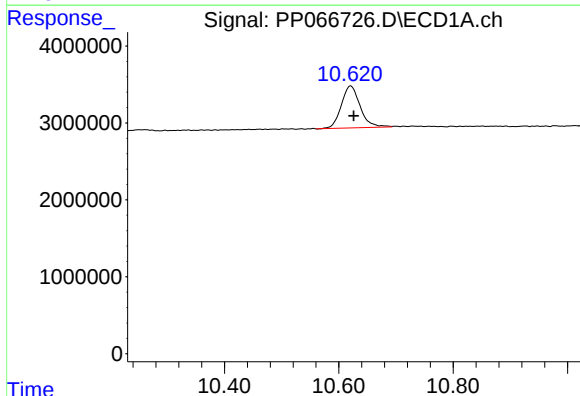
R.T.: 4.701 min
Delta R.T.: -0.004 min
Response: 20622157
Conc: 13.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



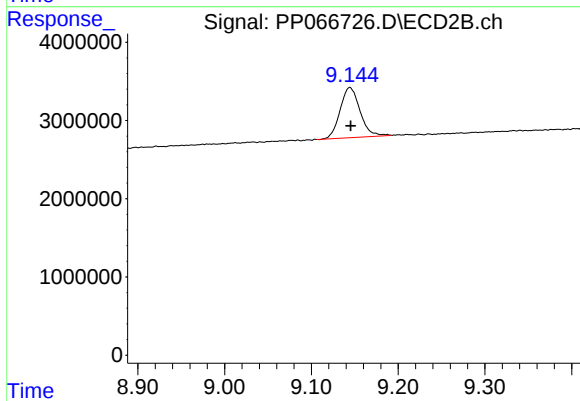
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.001 min
Response: 16385620
Conc: 12.53 ng/ml



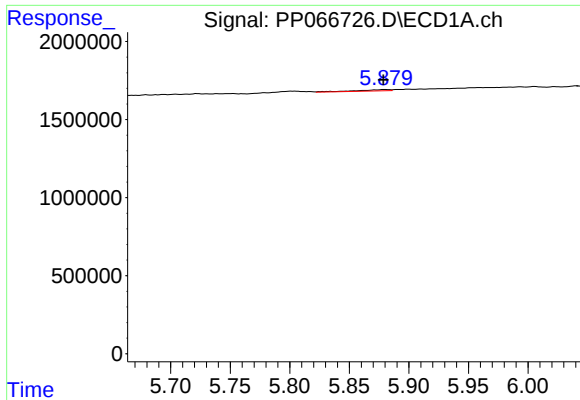
#2 Decachlorobiphenyl

R.T.: 10.621 min
Delta R.T.: -0.006 min
Response: 12520761
Conc: 14.27 ng/ml



#2 Decachlorobiphenyl

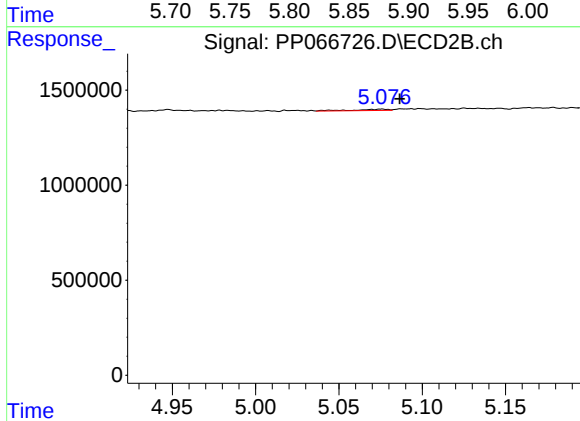
R.T.: 9.144 min
Delta R.T.: -0.001 min
Response: 10203721
Conc: 12.25 ng/ml



#3 AR-1016-1

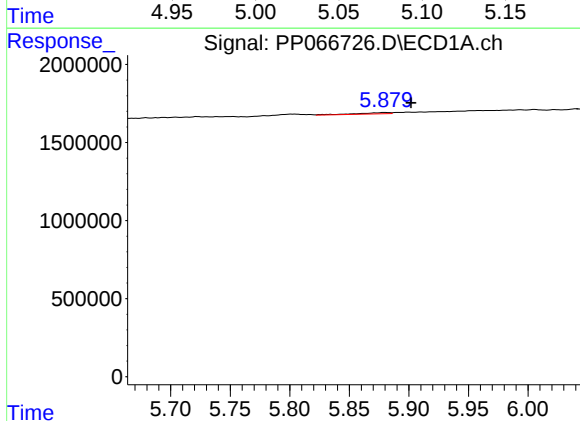
R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 164144
Conc: 3.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



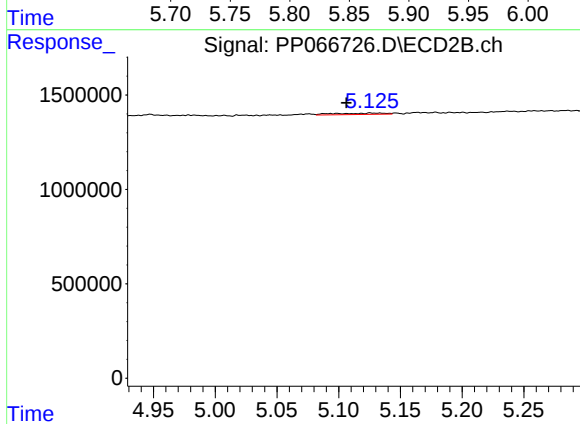
#3 AR-1016-1

R.T.: 5.076 min
Delta R.T.: -0.011 min
Response: 97628
Conc: 2.44 ng/ml



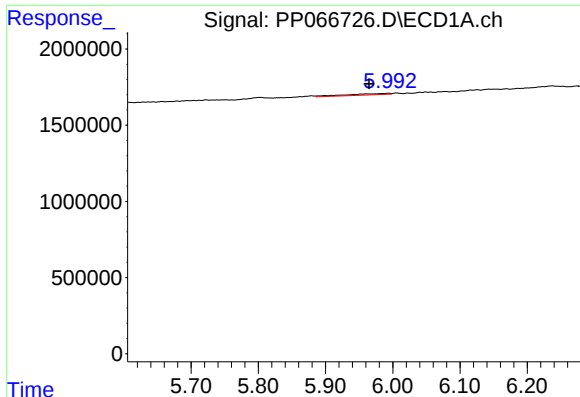
#4 AR-1016-2

R.T.: 5.879 min
Delta R.T.: -0.022 min
Response: 164144
Conc: 2.45 ng/ml



#4 AR-1016-2

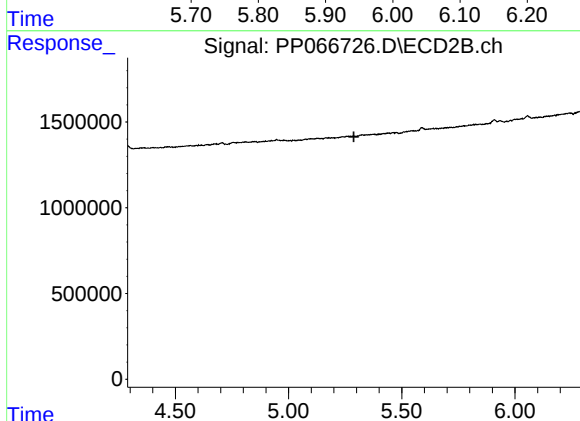
R.T.: 5.126 min
Delta R.T.: 0.019 min
Response: 212373
Conc: 3.56 ng/ml



#5 AR-1016-3

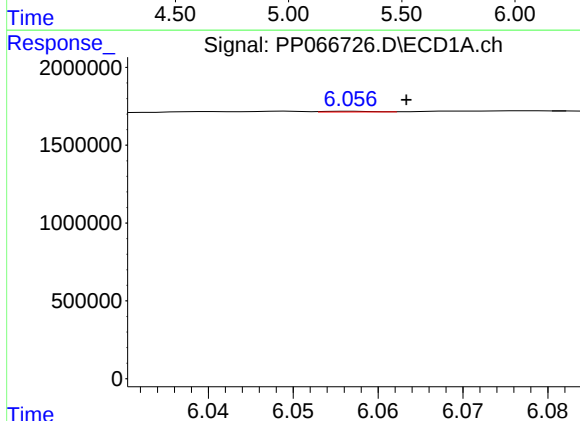
R.T.: 5.994 min
Delta R.T.: 0.029 min
Response: 403427
Conc: 9.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



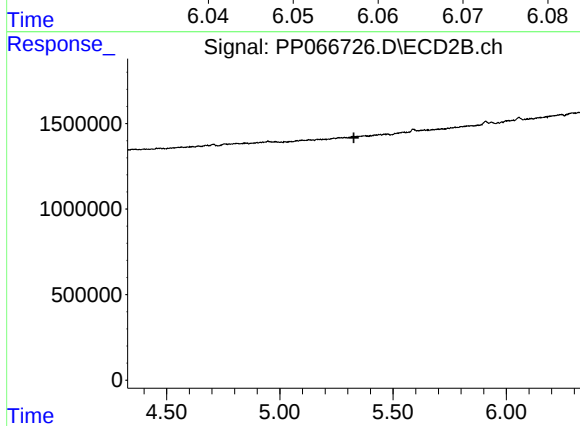
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.289 min
Response: 0
Conc: N.D.



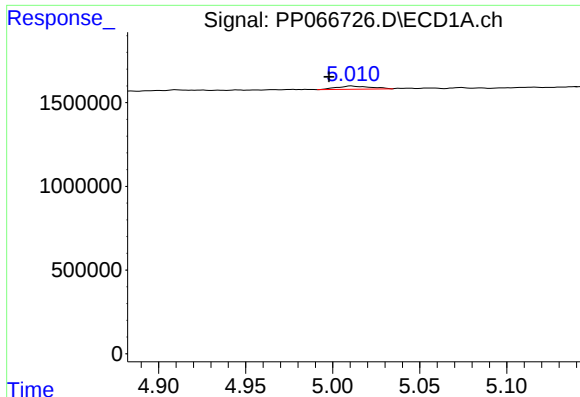
#6 AR-1016-4

R.T.: 6.057 min
Delta R.T.: -0.007 min
Response: 16188
Conc: 0.50 ng/ml



#6 AR-1016-4

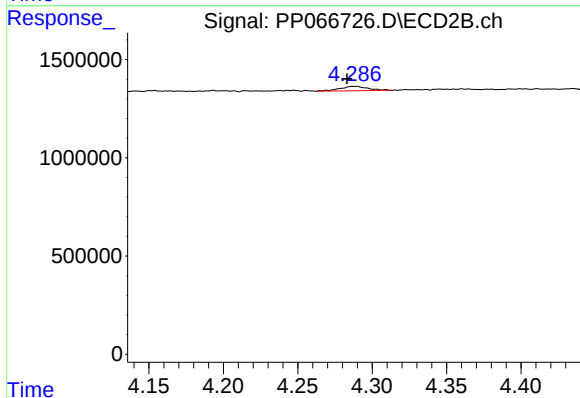
R.T.: 0.000 min
Exp R.T. : 5.327 min
Response: 0
Conc: N.D.



#9 AR-1221-2

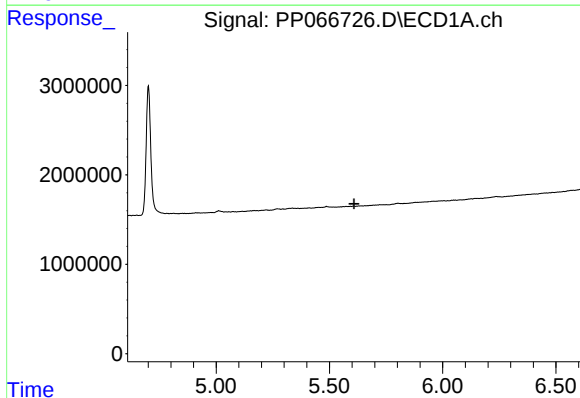
R.T.: 5.011 min
Delta R.T.: 0.013 min
Response: 257782
Conc: 20.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



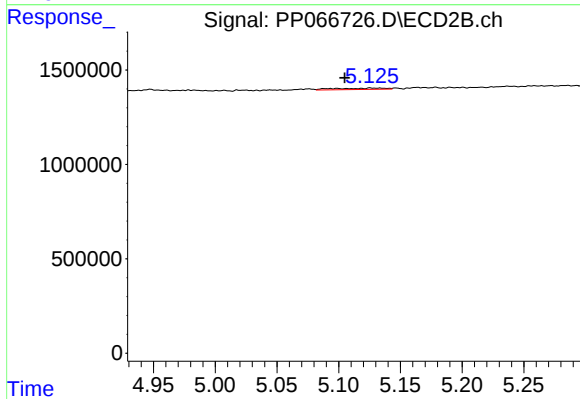
#9 AR-1221-2

R.T.: 4.289 min
Delta R.T.: 0.005 min
Response: 294800
Conc: 25.12 ng/ml



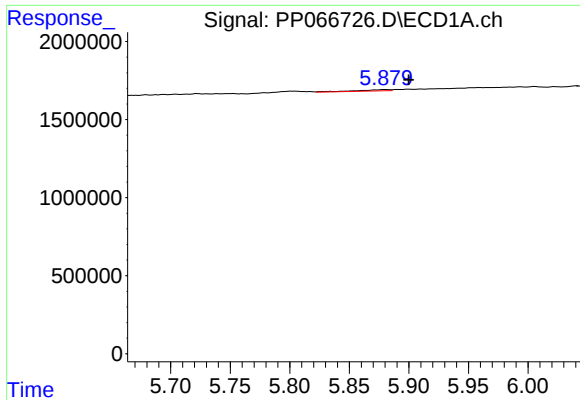
#12 AR-1232-2

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



#12 AR-1232-2

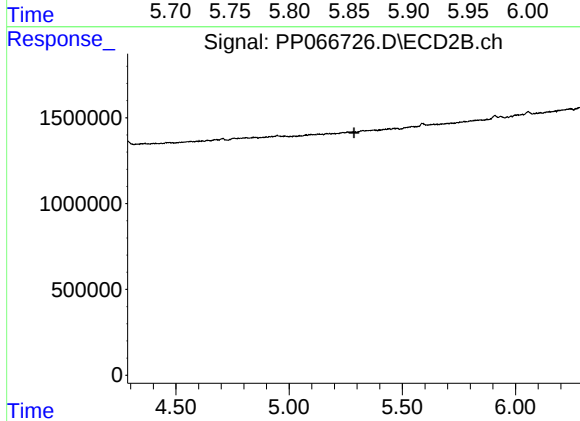
R.T.: 5.126 min
Delta R.T.: 0.021 min
Response: 212373
Conc: 7.87 ng/ml



#13 AR-1232-3

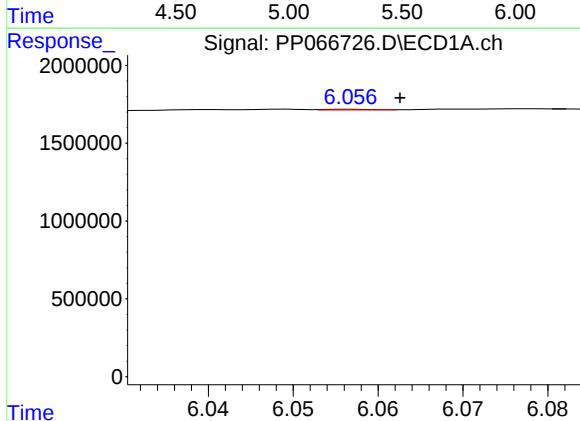
R.T.: 5.879 min
Delta R.T.: -0.020 min
Response: 164144
Conc: 5.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



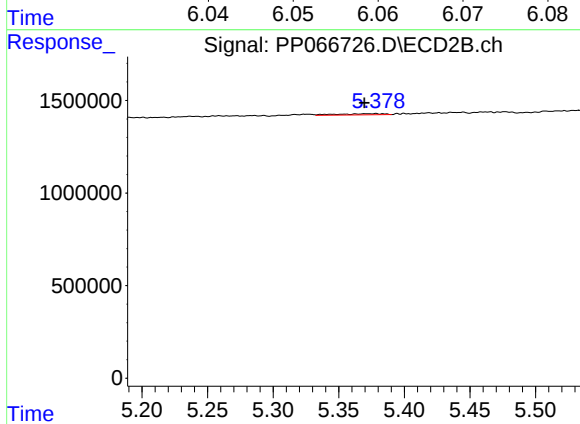
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.286 min
Response: 0
Conc: N.D.



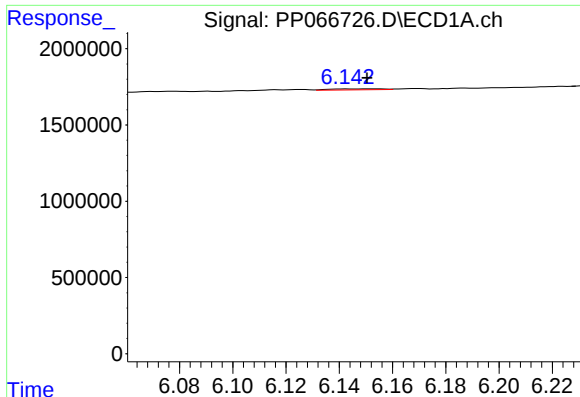
#14 AR-1232-4

R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 16188
Conc: 1.10 ng/ml



#14 AR-1232-4

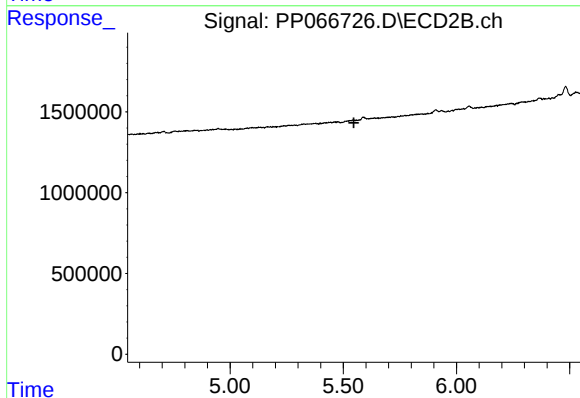
R.T.: 5.378 min
Delta R.T.: 0.009 min
Response: 158057
Conc: 12.30 ng/ml



#15 AR-1232-5

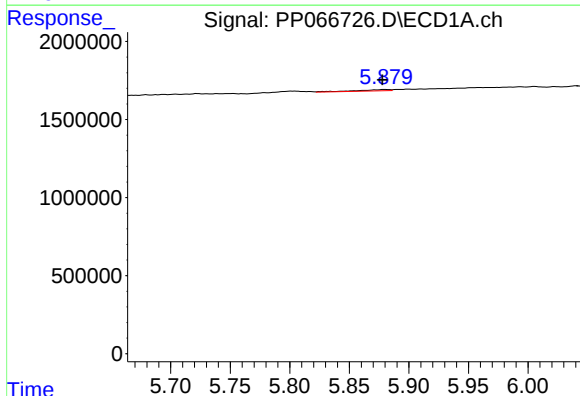
R.T.: 6.143 min
Delta R.T.: -0.007 min
Response: 92002
Conc: 7.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



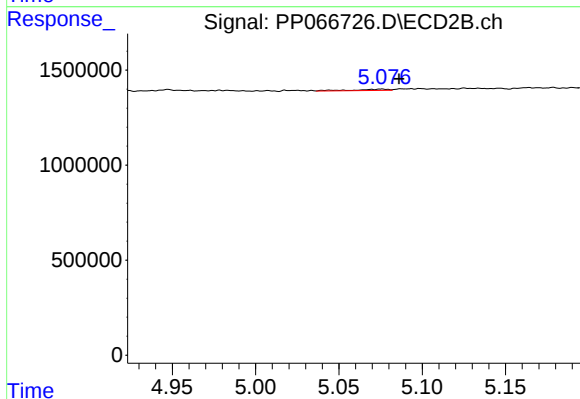
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.547 min
Response: 0
Conc: N.D.



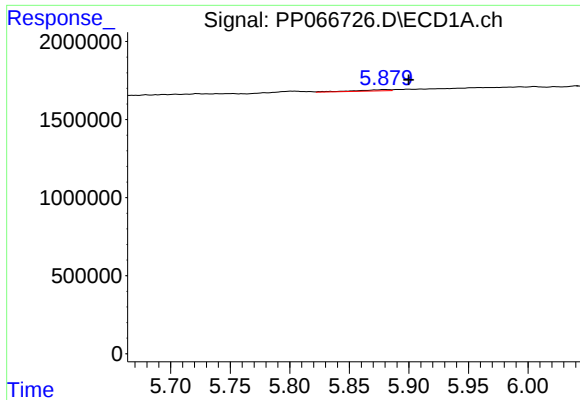
#16 AR-1242-1

R.T.: 5.879 min
Delta R.T.: 0.002 min
Response: 164144
Conc: 5.09 ng/ml



#16 AR-1242-1

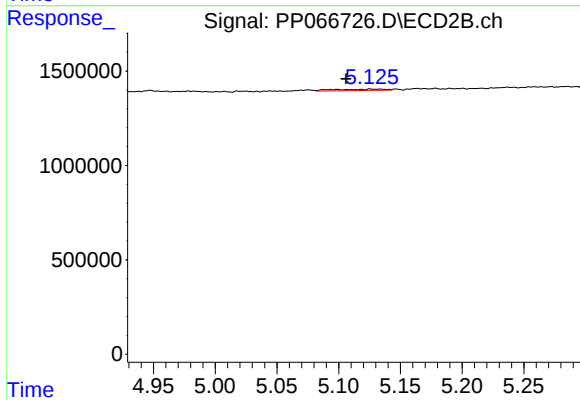
R.T.: 5.076 min
Delta R.T.: -0.010 min
Response: 97628
Conc: 3.18 ng/ml



#17 AR-1242-2

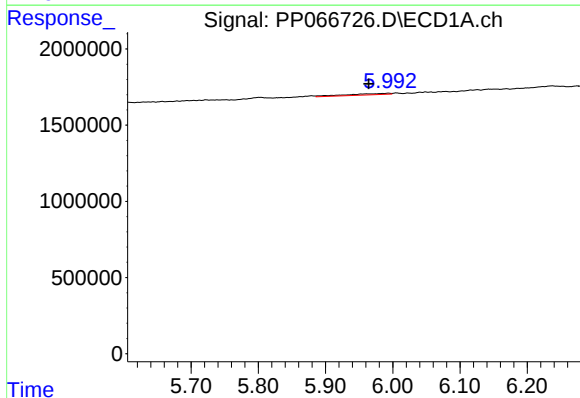
R.T.: 5.879 min
Delta R.T.: -0.021 min
Response: 164144
Conc: 3.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



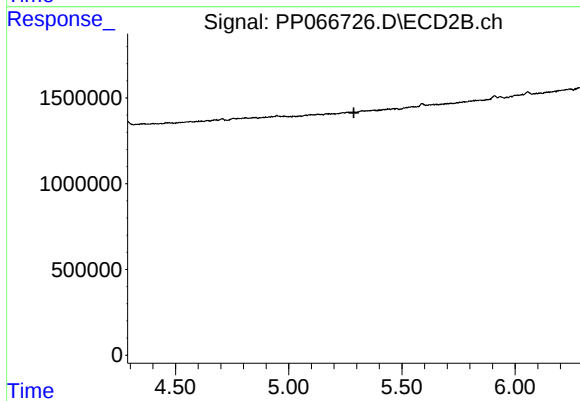
#17 AR-1242-2

R.T.: 5.126 min
Delta R.T.: 0.020 min
Response: 212373
Conc: 4.69 ng/ml



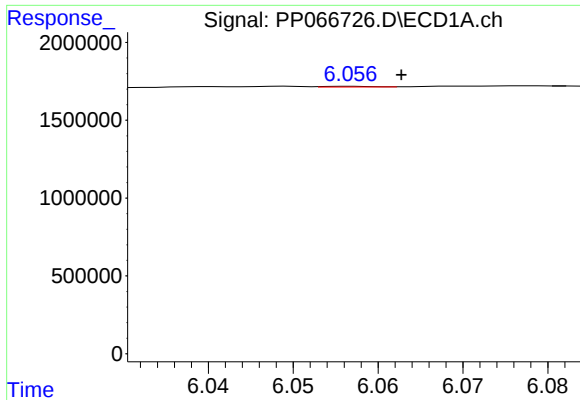
#18 AR-1242-3

R.T.: 5.994 min
Delta R.T.: 0.029 min
Response: 403427
Conc: 12.77 ng/ml



#18 AR-1242-3

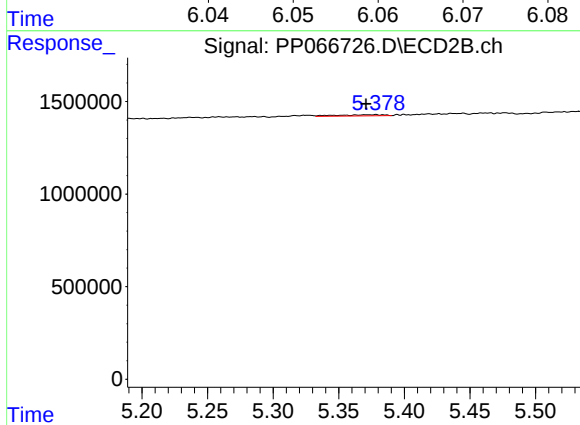
R.T.: 0.000 min
Exp R.T.: 5.288 min
Response: 0
Conc: N.D.



#19 AR-1242-4

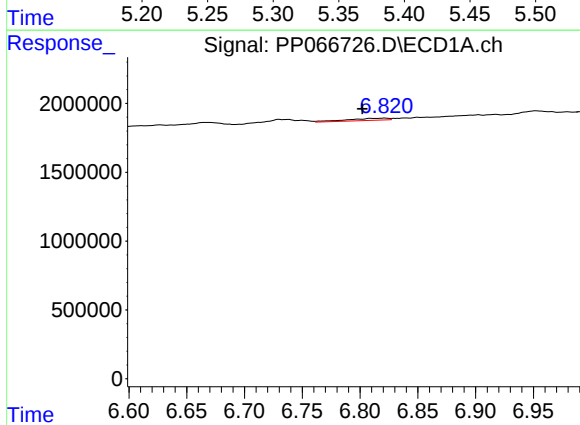
R.T.: 6.057 min
Delta R.T.: -0.006 min
Response: 16188
Conc: 0.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



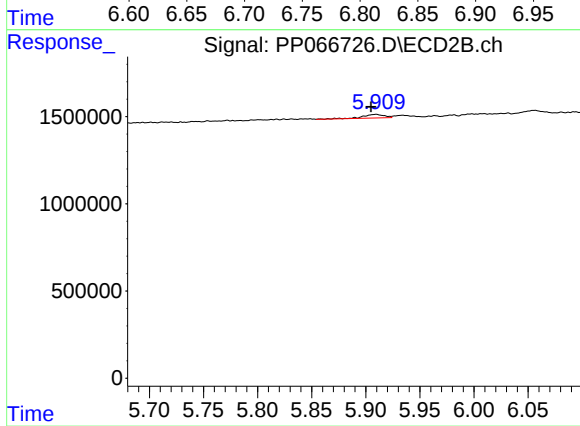
#19 AR-1242-4

R.T.: 5.378 min
Delta R.T.: 0.007 min
Response: 158057
Conc: 6.28 ng/ml



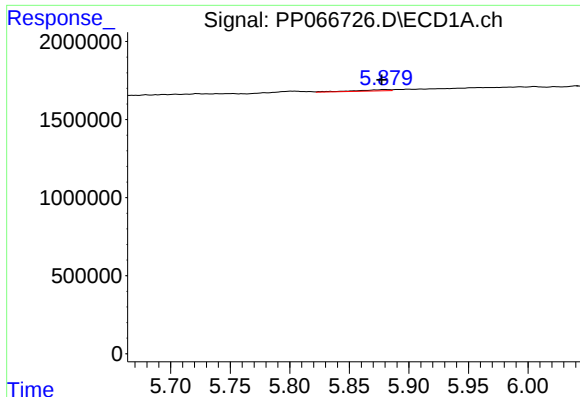
#20 AR-1242-5

R.T.: 6.821 min
Delta R.T.: 0.019 min
Response: 369983
Conc: 14.72 ng/ml



#20 AR-1242-5

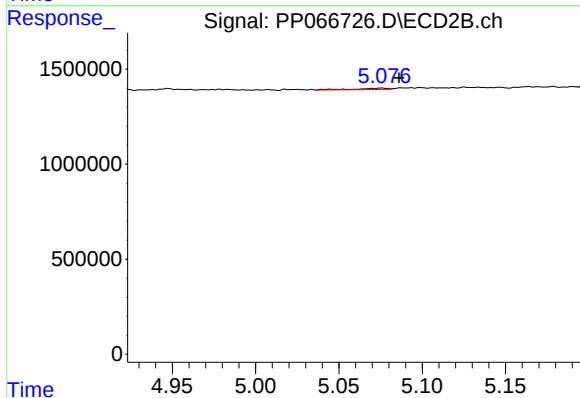
R.T.: 5.909 min
Delta R.T.: 0.005 min
Response: 285577
Conc: 10.10 ng/ml



#21 AR-1248-1

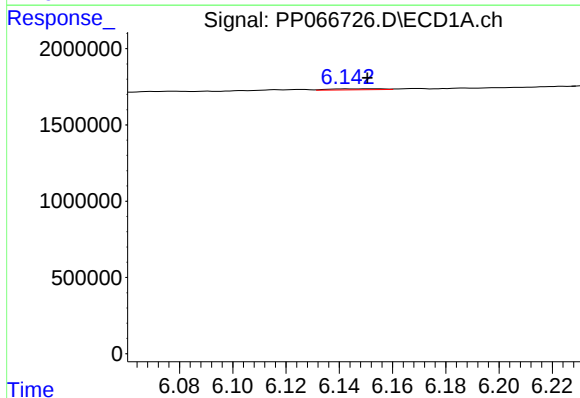
R.T.: 5.879 min
Delta R.T.: 0.002 min
Response: 164144
Conc: 6.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



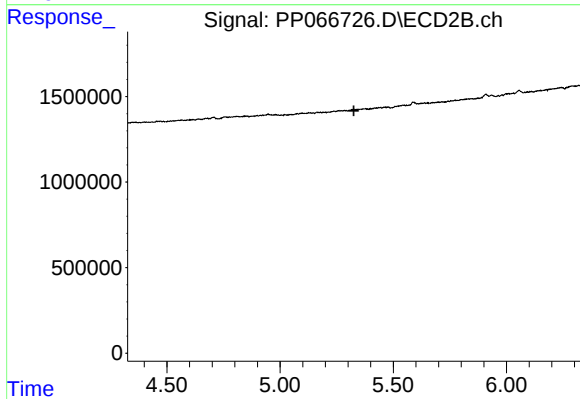
#21 AR-1248-1

R.T.: 5.076 min
Delta R.T.: -0.010 min
Response: 97628
Conc: 4.03 ng/ml



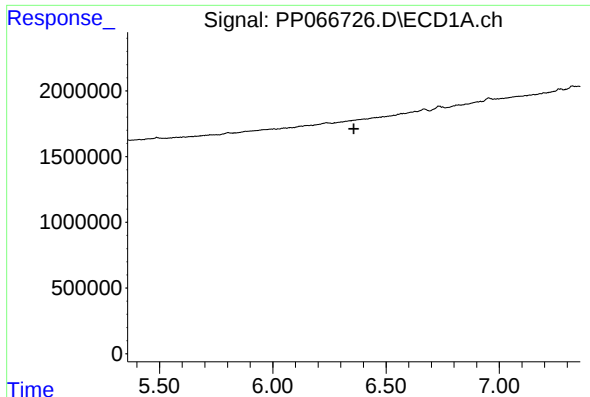
#22 AR-1248-2

R.T.: 6.143 min
Delta R.T.: -0.008 min
Response: 92002
Conc: 2.29 ng/ml



#22 AR-1248-2

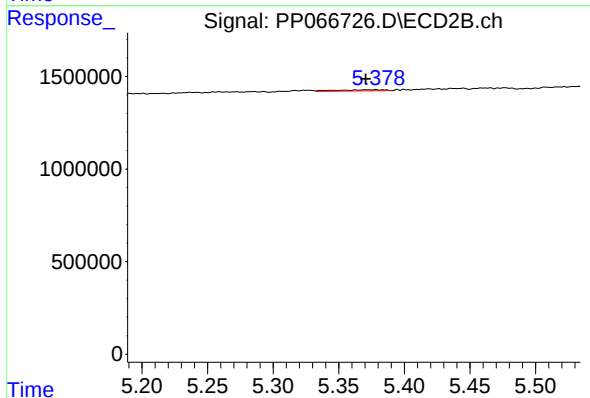
R.T.: 0.000 min
Exp R.T.: 5.326 min
Response: 0
Conc: N.D.



#23 AR-1248-3

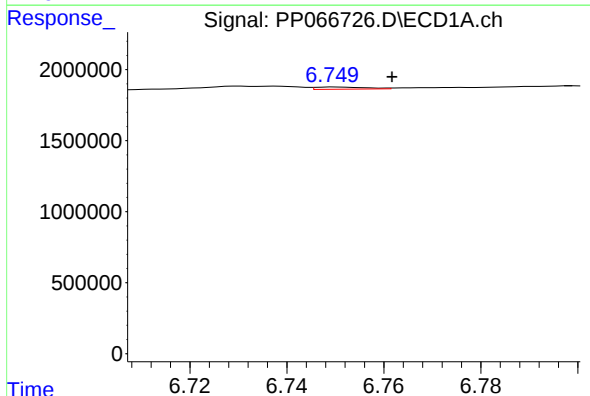
R.T.: 0.000 min
Exp R.T.: 6.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



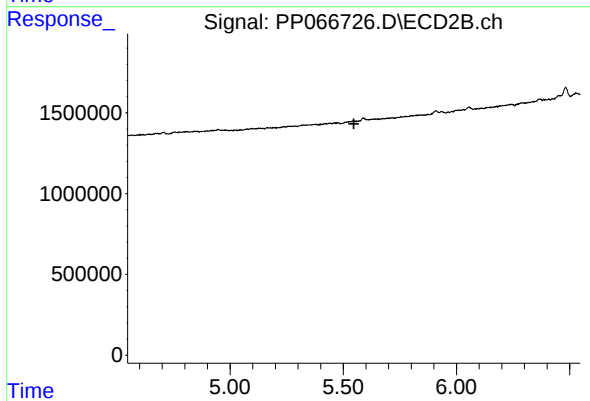
#23 AR-1248-3

R.T.: 5.378 min
Delta R.T.: 0.007 min
Response: 158057
Conc: 4.23 ng/ml



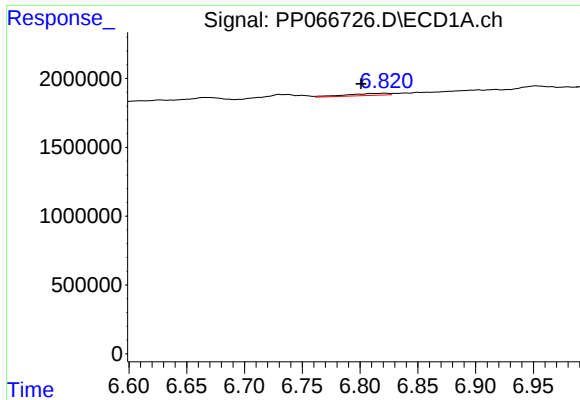
#24 AR-1248-4

R.T.: 6.750 min
Delta R.T.: -0.012 min
Response: 113756
Conc: 2.58 ng/ml



#24 AR-1248-4

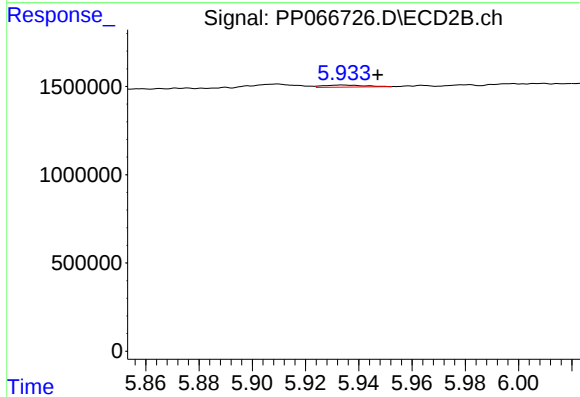
R.T.: 0.000 min
Exp R.T.: 5.547 min
Response: 0
Conc: N.D.



#25 AR-1248-5

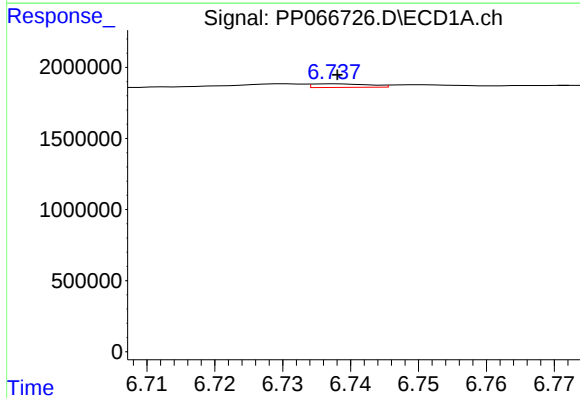
R.T.: 6.821 min
Delta R.T.: 0.020 min
Response: 369983
Conc: 8.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



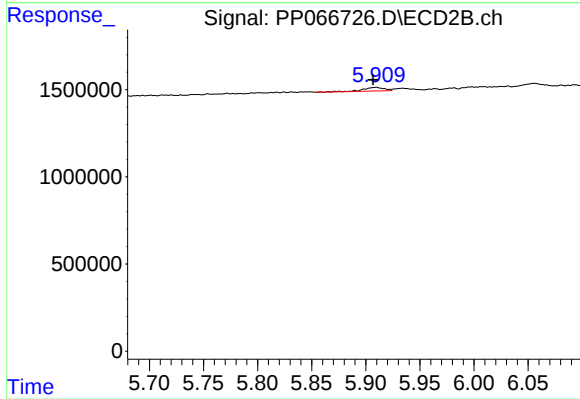
#25 AR-1248-5

R.T.: 5.934 min
Delta R.T.: -0.013 min
Response: 125260
Conc: 3.32 ng/ml



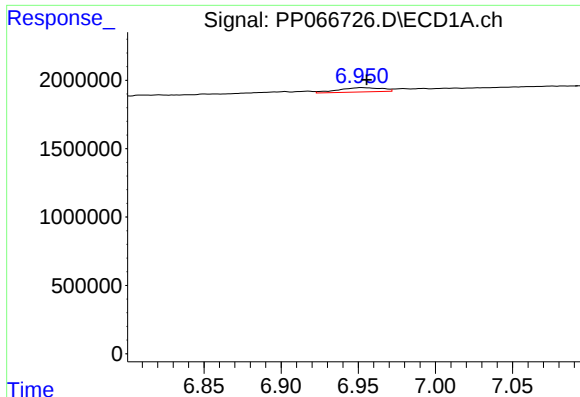
#26 AR-1254-1

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 149711
Conc: 3.03 ng/ml



#26 AR-1254-1

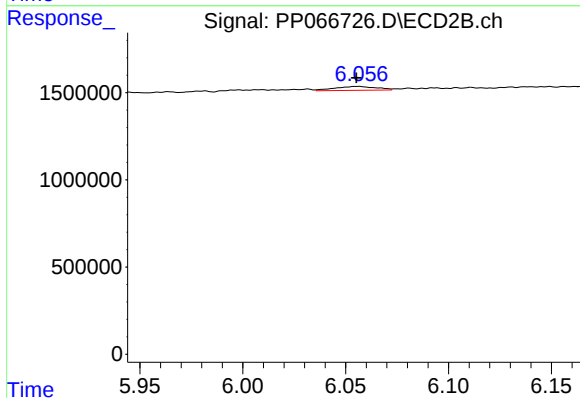
R.T.: 5.909 min
Delta R.T.: 0.002 min
Response: 285577
Conc: 4.77 ng/ml



#27 AR-1254-2

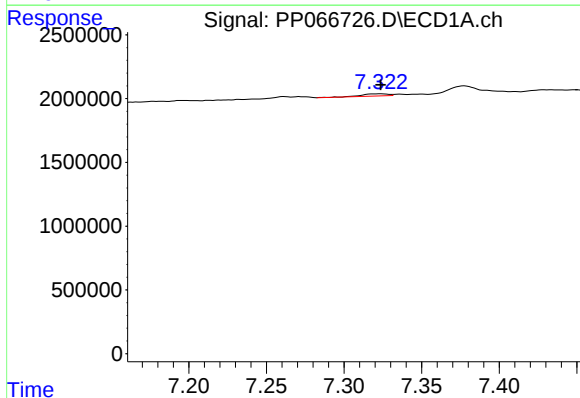
R.T.: 6.952 min
Delta R.T.: -0.003 min
Response: 619638
Conc: 8.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



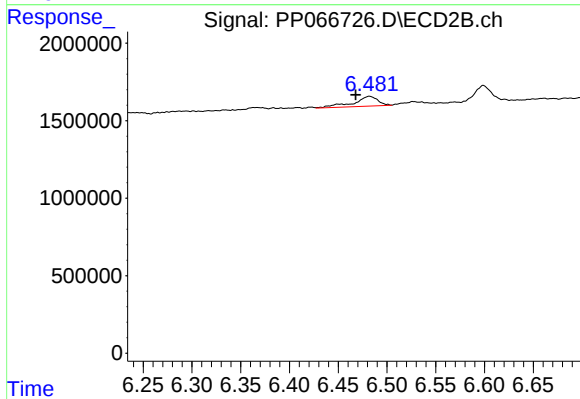
#27 AR-1254-2

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 312460
Conc: 5.85 ng/ml



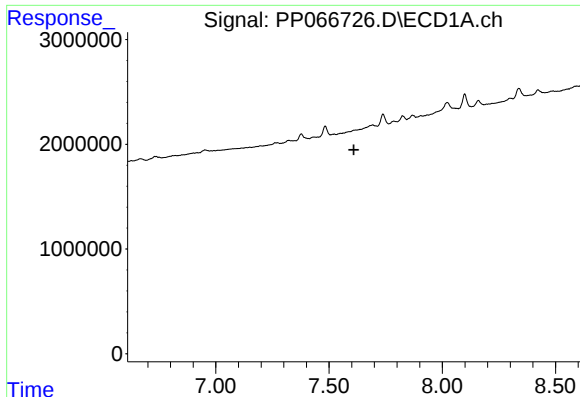
#28 AR-1254-3

R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 199331
Conc: 2.85 ng/ml



#28 AR-1254-3

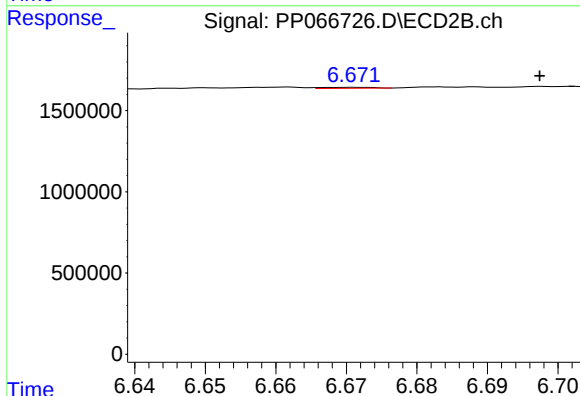
R.T.: 6.482 min
Delta R.T.: 0.014 min
Response: 1104991
Conc: 13.97 ng/ml



#29 AR-1254-4

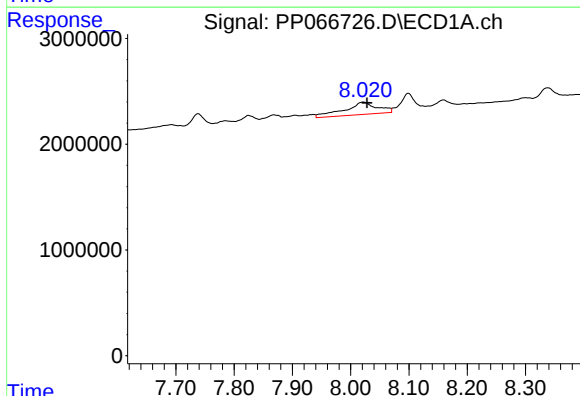
R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



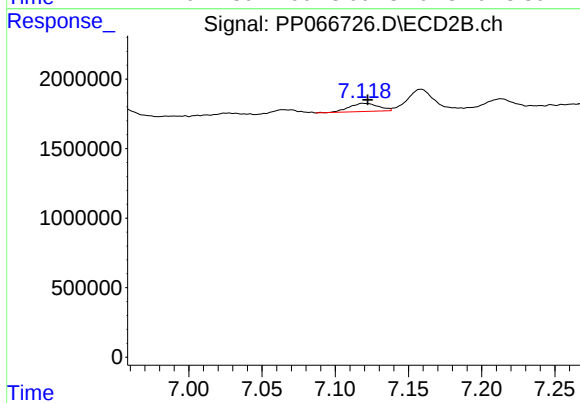
#29 AR-1254-4

R.T.: 6.671 min
Delta R.T.: -0.026 min
Response: 31403
Conc: 0.78 ng/ml



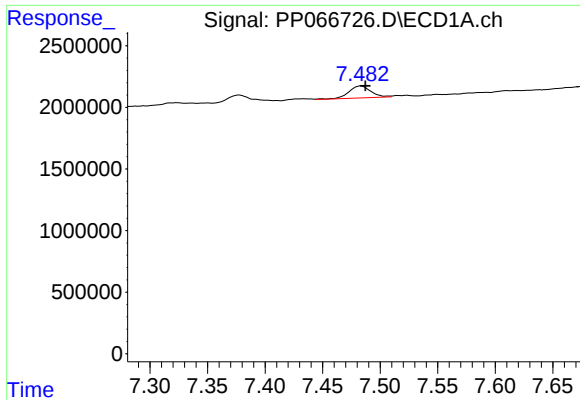
#30 AR-1254-5

R.T.: 8.022 min
Delta R.T.: -0.007 min
Response: 4618540
Conc: 69.66 ng/ml



#30 AR-1254-5

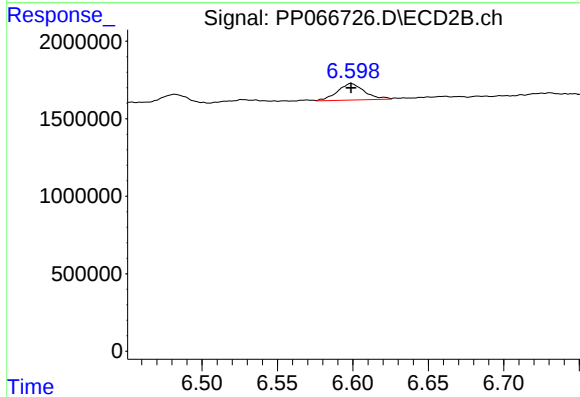
R.T.: 7.119 min
Delta R.T.: -0.003 min
Response: 808570
Conc: 12.58 ng/ml



#31 AR-1260-1

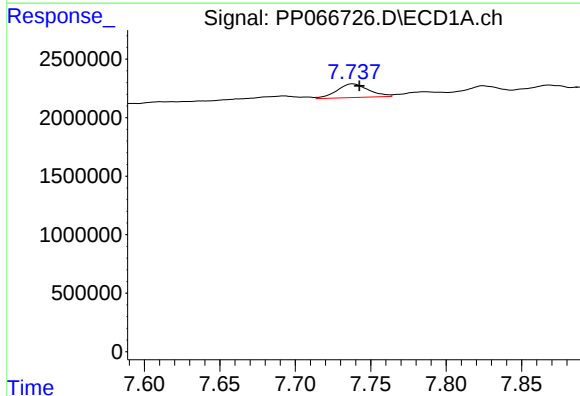
R.T.: 7.483 min
Delta R.T.: -0.004 min
Response: 1320001
Conc: 23.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



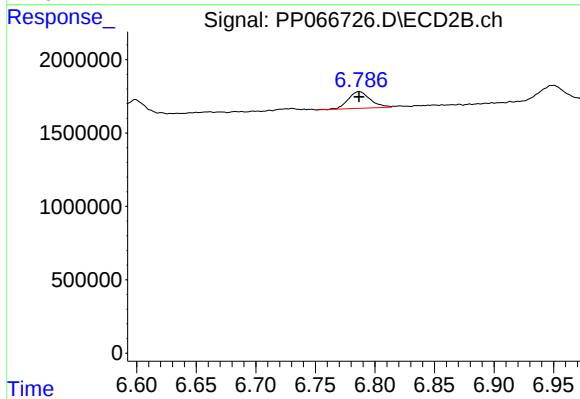
#31 AR-1260-1

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 1327141
Conc: 22.45 ng/ml



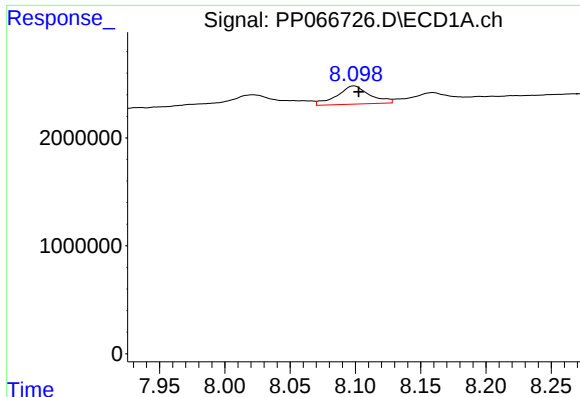
#32 AR-1260-2

R.T.: 7.738 min
Delta R.T.: -0.004 min
Response: 1687018
Conc: 26.50 ng/ml



#32 AR-1260-2

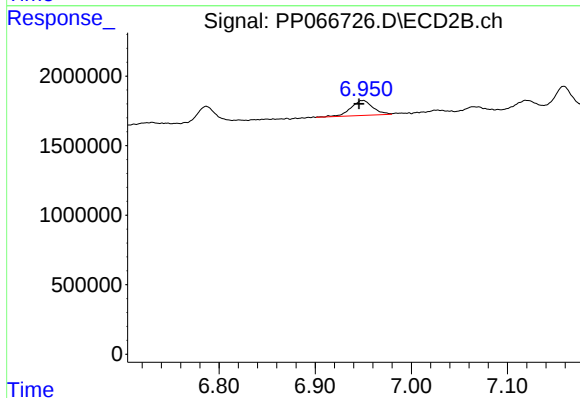
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 1474018
Conc: 21.63 ng/ml



#33 AR-1260-3

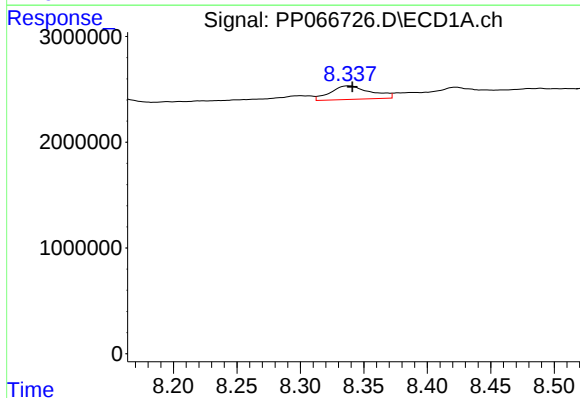
R.T.: 8.099 min
Delta R.T.: -0.003 min
Response: 2976249
Conc: 66.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



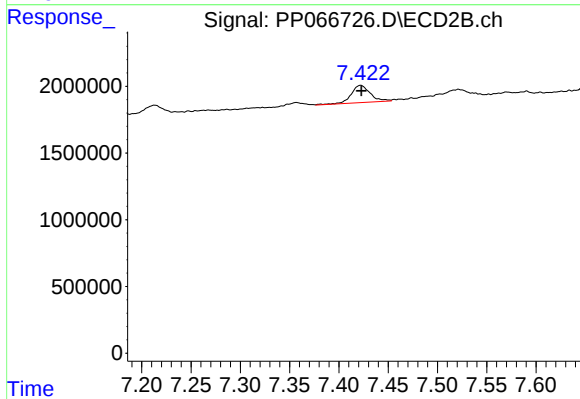
#33 AR-1260-3

R.T.: 6.949 min
Delta R.T.: 0.004 min
Response: 1730345
Conc: 26.63 ng/ml



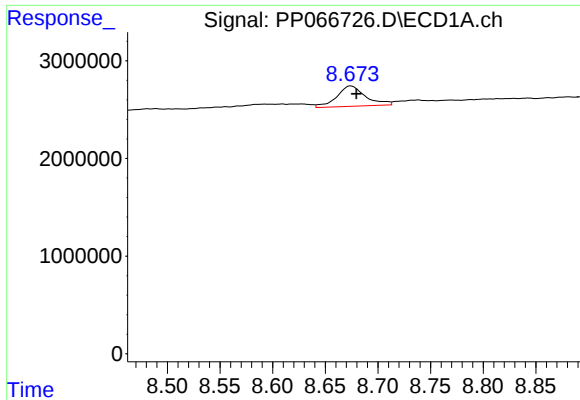
#34 AR-1260-4

R.T.: 8.338 min
Delta R.T.: -0.003 min
Response: 2831023
Conc: 53.64 ng/ml



#34 AR-1260-4

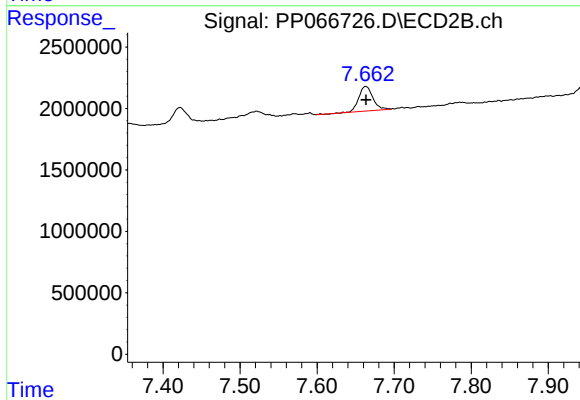
R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 1733593
Conc: 38.49 ng/ml



#35 AR-1260-5

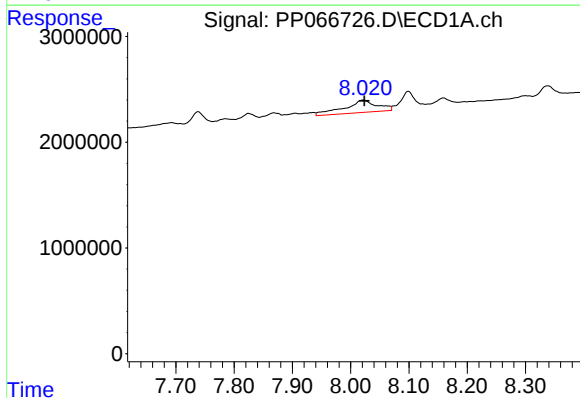
R.T.: 8.674 min
Delta R.T.: -0.006 min
Response: 3953561
Conc: 44.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



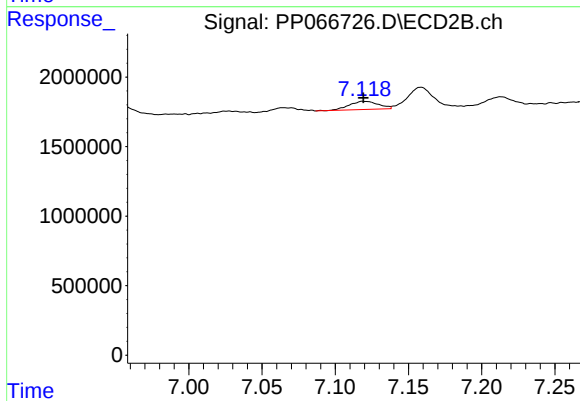
#35 AR-1260-5

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 2551330
Conc: 26.44 ng/ml



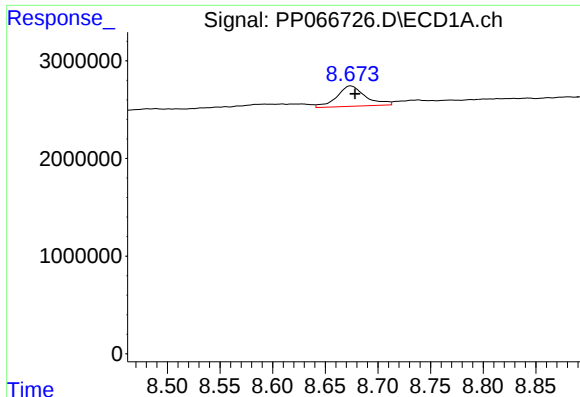
#36 AR-1262-1

R.T.: 8.022 min
Delta R.T.: -0.002 min
Response: 4618540
Conc: 102.29 ng/ml



#36 AR-1262-1

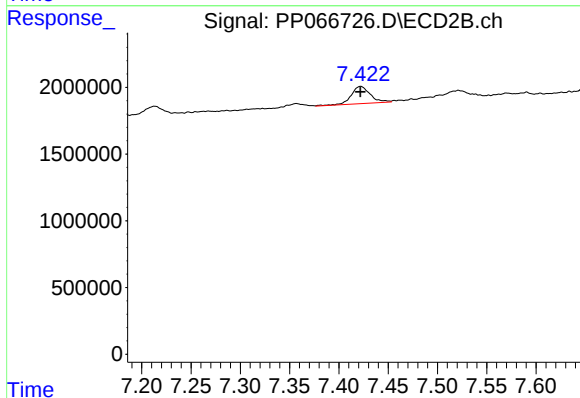
R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 808570
Conc: 25.30 ng/ml



#37 AR-1262-2

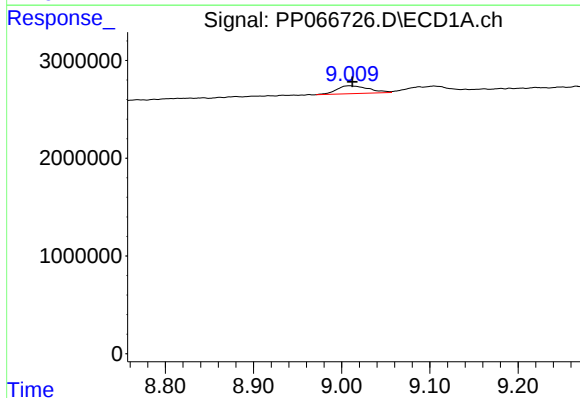
R.T.: 8.674 min
Delta R.T.: -0.004 min
Response: 3953561
Conc: 36.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



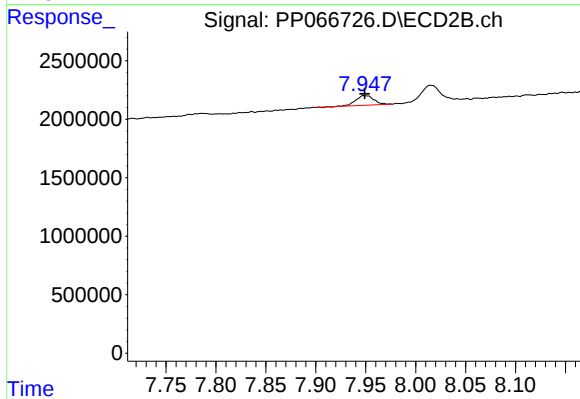
#37 AR-1262-2

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 1733593
Conc: 27.80 ng/ml



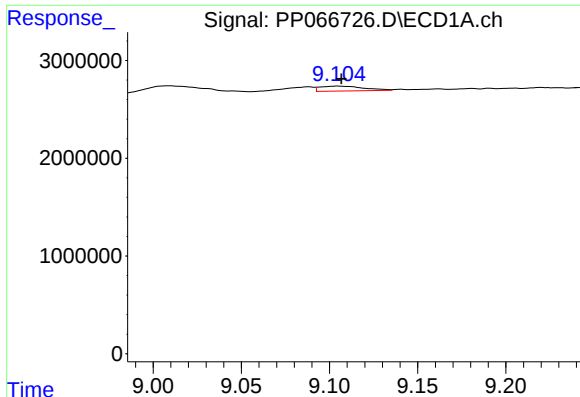
#38 AR-1262-3

R.T.: 9.009 min
Delta R.T.: -0.003 min
Response: 2011954
Conc: 28.34 ng/ml



#38 AR-1262-3

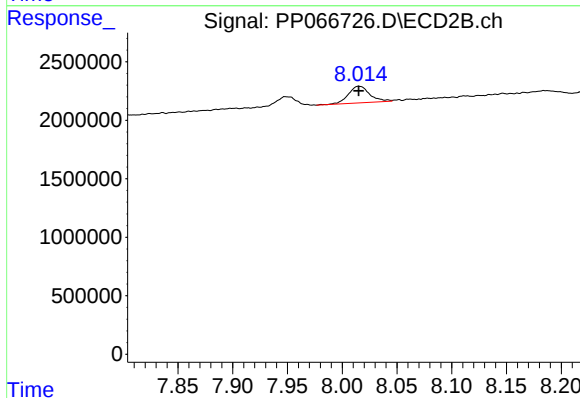
R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 1043569
Conc: 23.32 ng/ml



#39 AR-1262-4

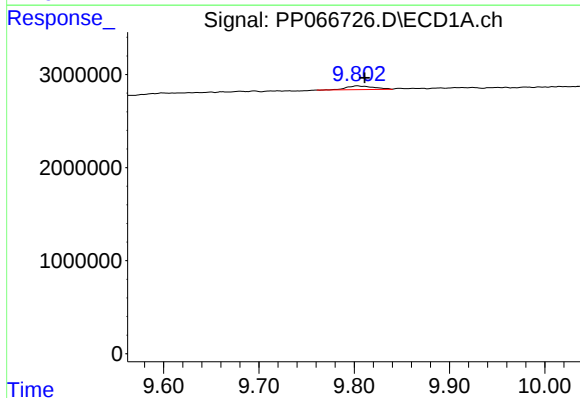
R.T.: 9.105 min
Delta R.T.: -0.002 min
Response: 876271
Conc: 15.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



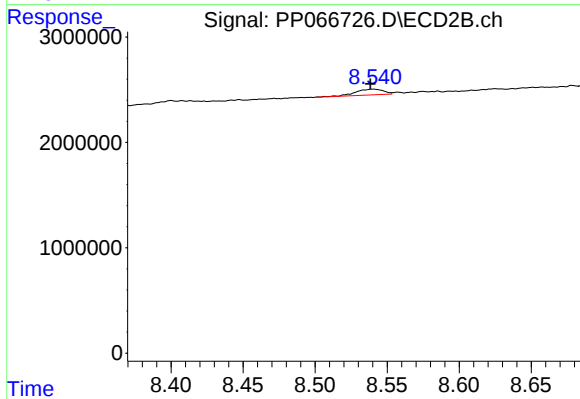
#39 AR-1262-4

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 1945373
Conc: 23.46 ng/ml



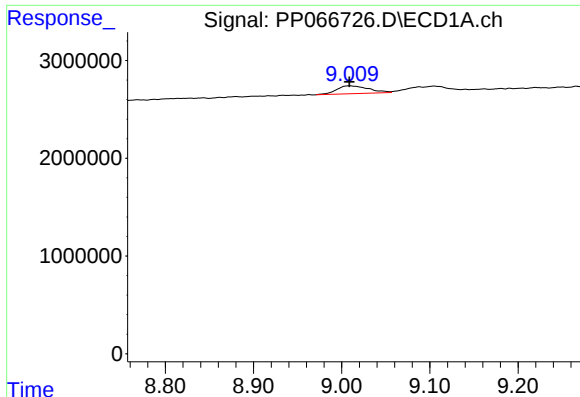
#40 AR-1262-5

R.T.: 9.803 min
Delta R.T.: -0.008 min
Response: 786882
Conc: 23.57 ng/ml



#40 AR-1262-5

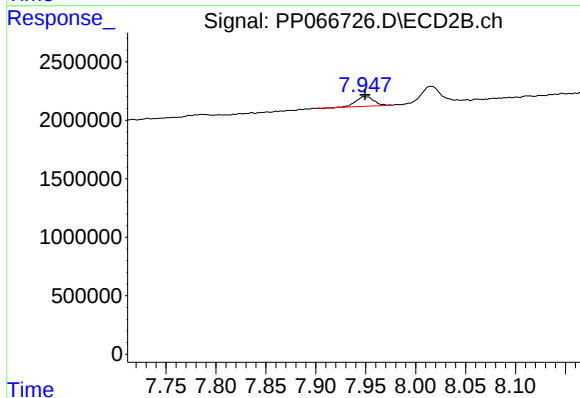
R.T.: 8.540 min
Delta R.T.: 0.002 min
Response: 740107
Conc: 23.37 ng/ml



#41 AR-1268-1

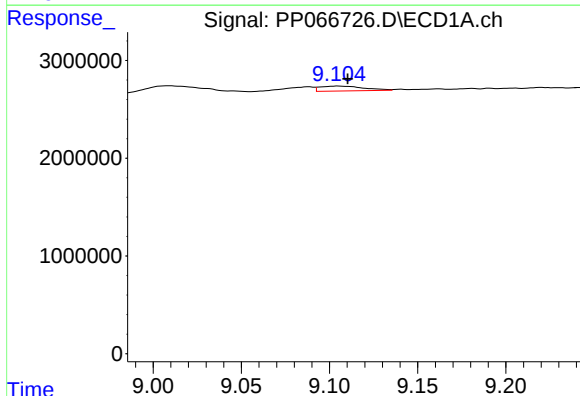
R.T.: 9.009 min
Delta R.T.: 0.000 min
Response: 2011954
Conc: 16.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



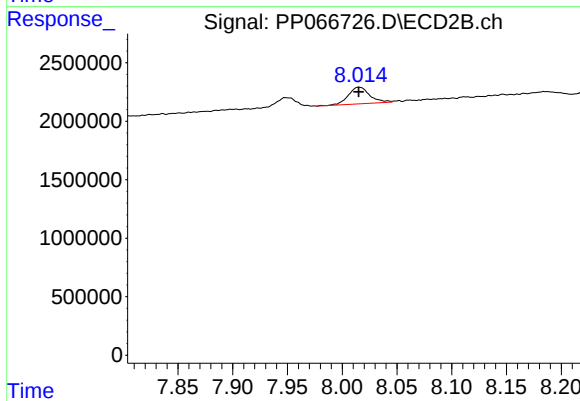
#41 AR-1268-1

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 1043569
Conc: 8.33 ng/ml



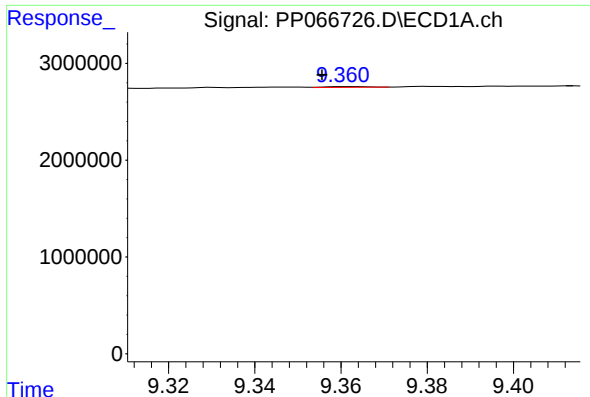
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: -0.005 min
Response: 876271
Conc: 7.94 ng/ml



#42 AR-1268-2

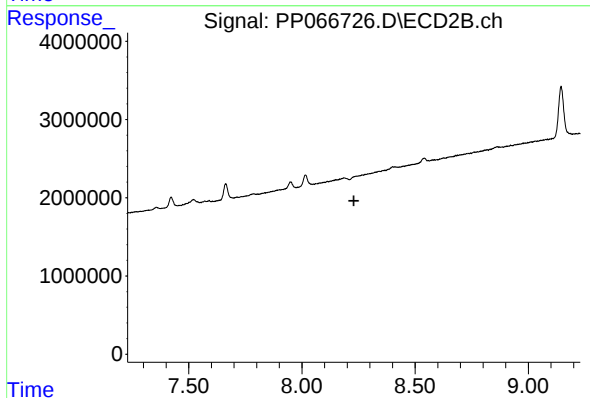
R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 1945373
Conc: 16.80 ng/ml



#43 AR-1268-3

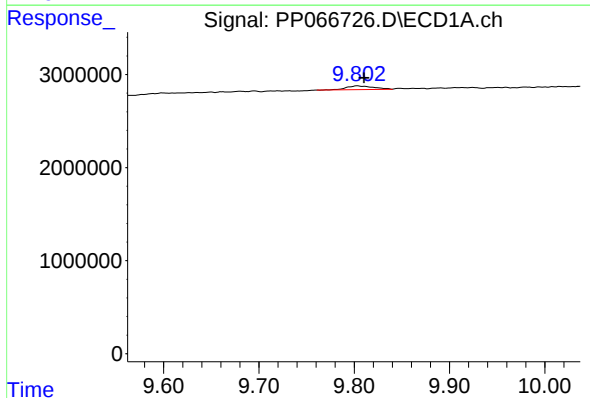
R.T.: 9.361 min
Delta R.T.: 0.005 min
Response: 49050
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



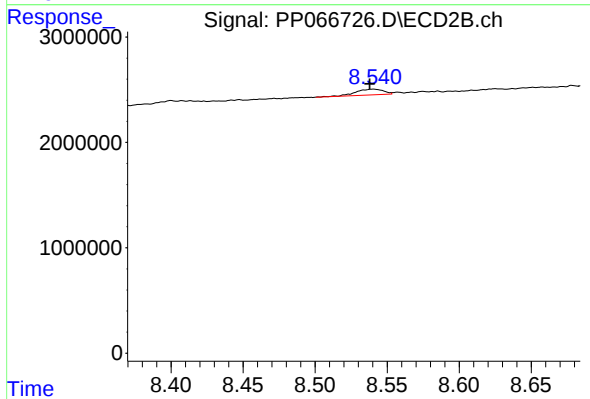
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.230 min
Response: 0
Conc: N.D.



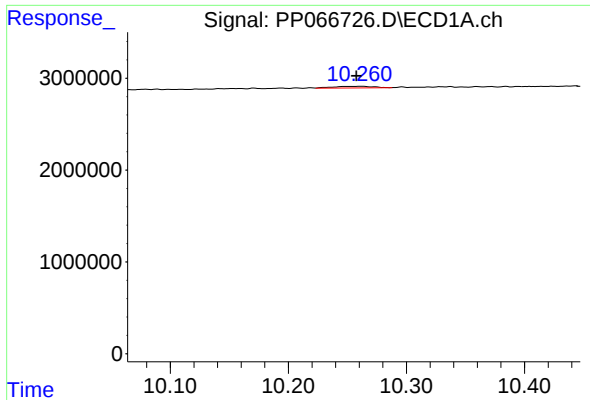
#44 AR-1268-4

R.T.: 9.803 min
Delta R.T.: -0.007 min
Response: 786882
Conc: 25.82 ng/ml



#44 AR-1268-4

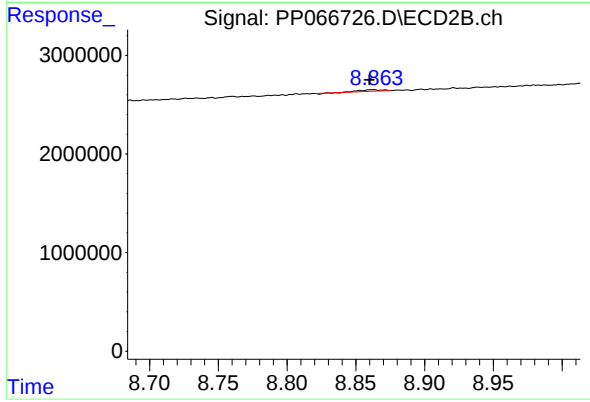
R.T.: 8.540 min
Delta R.T.: 0.002 min
Response: 740107
Conc: 21.87 ng/ml



#45 AR-1268-5

R.T.: 10.261 min
Delta R.T.: 0.004 min
Response: 436536
Conc: 1.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



#45 AR-1268-5

R.T.: 8.862 min
Delta R.T.: 0.003 min
Response: 148724
Conc: 0.51 ng/ml