

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102422\
 Data File : PP052646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2022 20:14
 Operator : YP\AJ
 Sample : N4955-01
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 23:11:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Oct 23 15:44:19 2022
 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...	4.422	3.672	28483294	29543132	17.216	22.173 #
2)	SA Decachlor...	10.234	8.759	32304819	29952449	20.159	24.099
Target Compounds							
3)	L1 AR-1016-1	5.596	4.775	1004514	1074334	22.890	23.356
4)	L1 AR-1016-2	5.620	4.793	1242504	963740	19.679	15.393
5)	L1 AR-1016-3	5.681	4.973	780370	649168	19.329	18.827
6)	L1 AR-1016-4	5.778	5.014	627004	1599926	18.187	55.188 #
7)	L1 AR-1016-5	6.076	5.231	1715551	2043303	44.877	54.711
8)	L2 AR-1221-1	4.629	0.000	226219	0	10.328	N.D. #
9)	L2 AR-1221-2	4.730	3.976	347531	485618	21.669	36.470 #
10)	L2 AR-1221-3	4.798	0.000	146769	0	3.008	N.D. #
11)	L3 AR-1232-1	4.798	0.000	146769	0	3.953	N.D. #
12)	L3 AR-1232-2	5.326	4.793	458899	963740	22.652	31.414 #
13)	L3 AR-1232-3	5.620	4.973	1242504	649168	40.886	40.396
14)	L3 AR-1232-4	5.778	5.056	627004	1635058	39.283	108.069 #
15)	L3 AR-1232-5	5.871	5.231	1595069	2043303	117.804	119.605
16)	L4 AR-1242-1	5.596	4.775	1004514	1074334	28.735	27.881
17)	L4 AR-1242-2	5.620	4.793	1242504	963740	23.221	18.390
18)	L4 AR-1242-3	5.681	4.973	780370	649168	22.685	22.456
19)	L4 AR-1242-4	5.778	5.056	627004	1635058	21.915	53.928 #
20)	L4 AR-1242-5	6.521	5.589	1838540	2322084	50.948	66.547 #
21)	L5 AR-1248-1	5.596	4.775	1004514	1074334	34.621	37.858
22)	L5 AR-1248-2	5.871	5.014	1595069	1599926	37.635	39.033
23)	L5 AR-1248-3	6.076	5.056	1715551	1635058	33.191	38.886
24)	L5 AR-1248-4	6.482	5.231	1640643	2043303	29.772	41.664 #
25)	L5 AR-1248-5	6.521	5.631	1838540	1439091	32.348	34.640
26)	L6 AR-1254-1	6.454	5.589	1319713	2322084	21.146	32.058 #
27)	L6 AR-1254-2	6.677	5.738	1766756	770982	18.395	12.005 #
28)	L6 AR-1254-3	7.042	6.147	1057254	1019828	11.308	10.301
29)	L6 AR-1254-4	7.329	6.378	476358	577882	7.713	11.217 #
30)	L6 AR-1254-5	7.750	6.801	324856	270229	4.284	3.242
31)	L7 AR-1260-1	7.204	6.294f	104554	473777	1.373	6.742 #
32)	L7 AR-1260-2	7.466	6.460	228938	293103	2.735	3.658 #
34)	L7 AR-1260-4	8.036f	0.000	55148	0	0.730	N.D. #
38)	L8 AR-1262-3	8.697	0.000	16183	0	0.147	N.D. #
39)	L8 AR-1262-4	8.786	0.000	71560	0	1.142	N.D. #
40)	L8 AR-1262-5	9.441f	0.000	169165	0	2.639	N.D. #
41)	L9 AR-1268-1	8.697	0.000	16183	0	0.079	N.D. #
42)	L9 AR-1268-2	8.786	0.000	71560	0	0.366	N.D. #
43)	L9 AR-1268-3	9.022	0.000	100776	0	0.561	N.D. #
44)	L9 AR-1268-4	9.441f	0.000	169165	0	2.165	N.D. #
45)	L9 AR-1268-5	9.881	8.493	327475	147974	0.566	0.334 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102422\
Data File : PP052646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2022 20:14
Operator : YP\AJ
Sample : N4955-01
Misc : AR1248 LOD 40 PPB
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 23:11:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102122.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Oct 23 15:44:19 2022
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

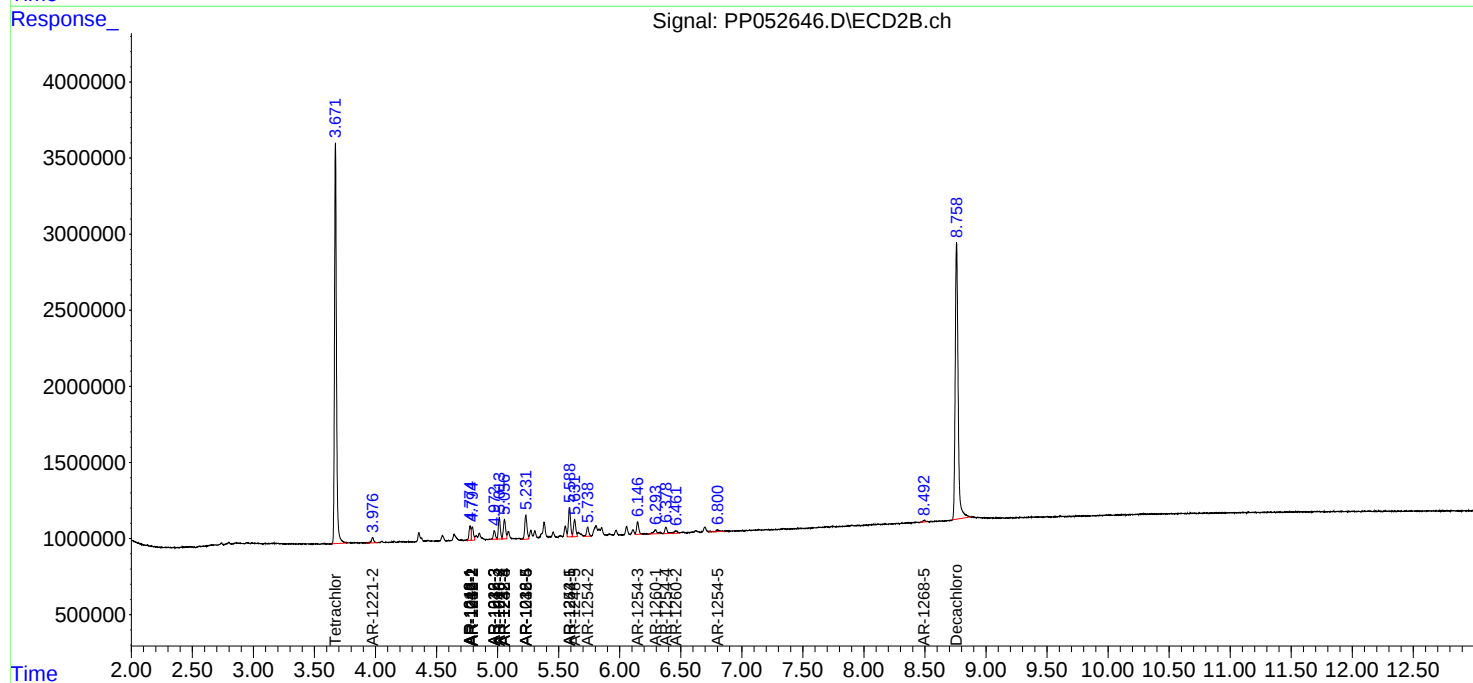
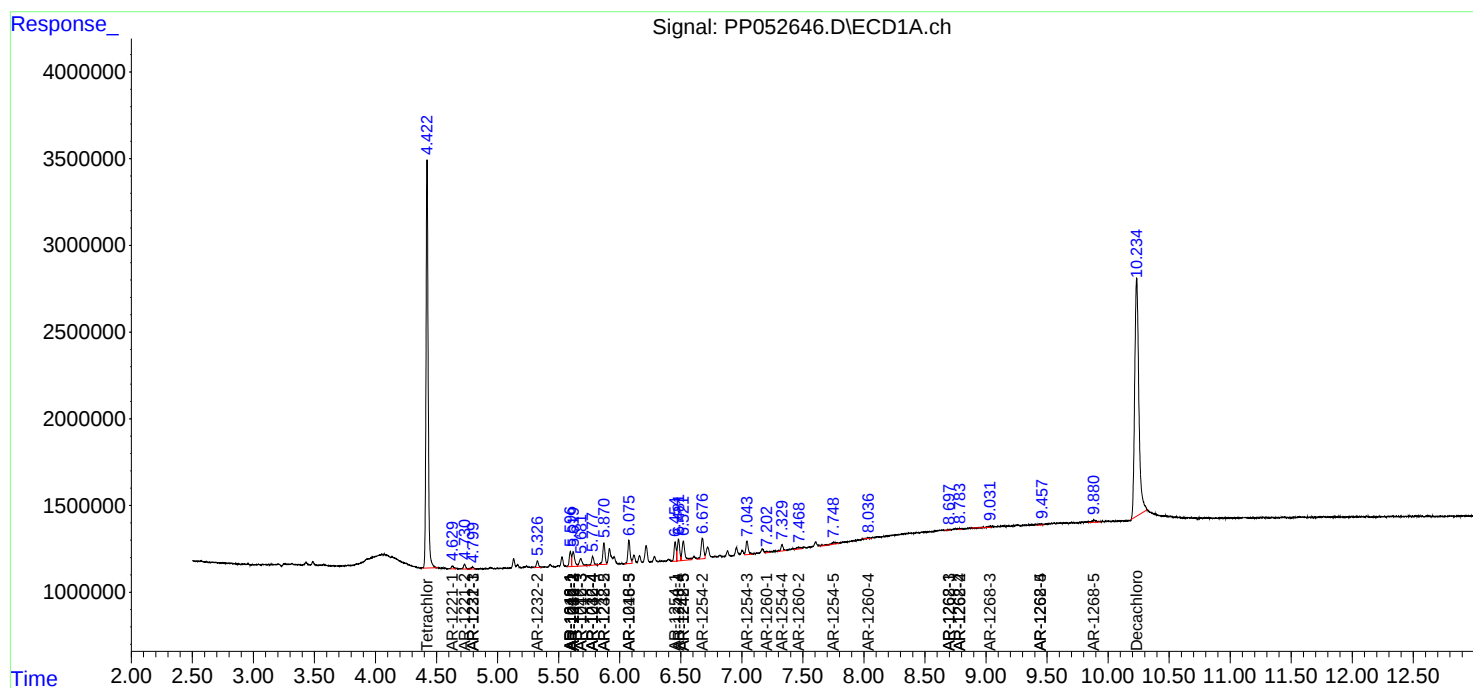
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

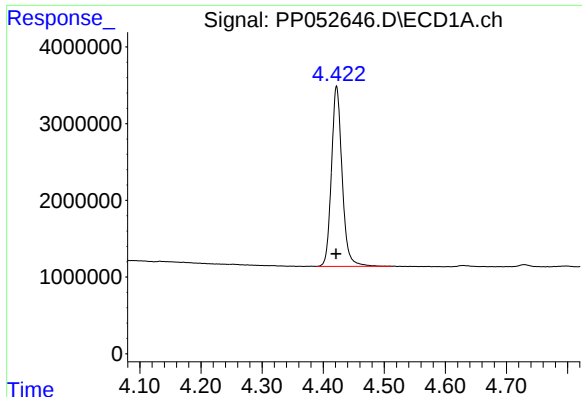
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102422\
Data File : PP052646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2022 20:14
Operator : YP\AJ
Sample : N4955-01
Misc : AR1248 LOD 40 PPB
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-OT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 23:11:23 2022
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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

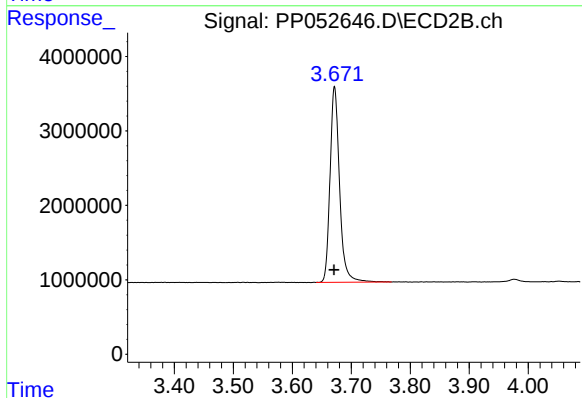




#1 Tetrachloro-m-xylene

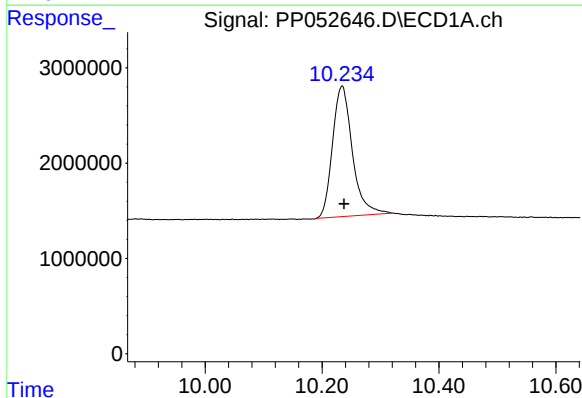
R.T.: 4.422 min
Delta R.T.: 0.001 min
Response: 28483294
Conc: 17.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



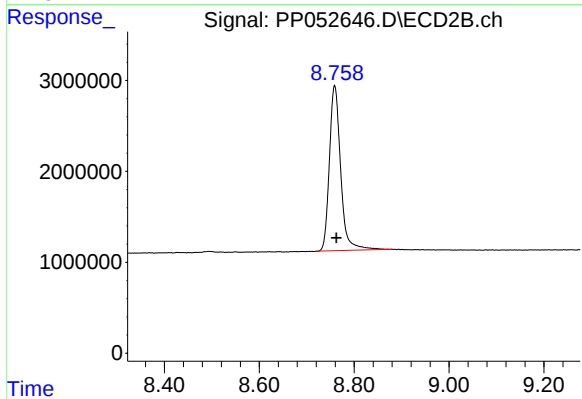
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 29543132
Conc: 22.17 ng/ml



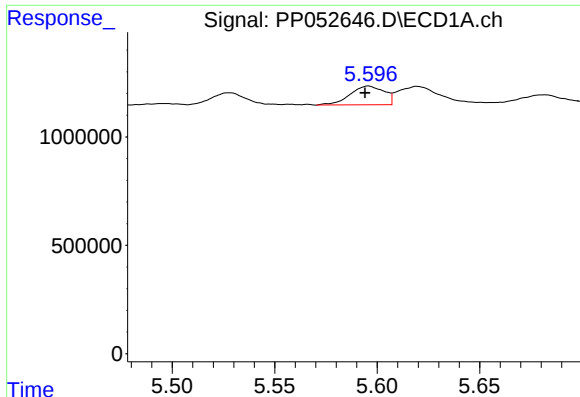
#2 Decachlorobiphenyl

R.T.: 10.234 min
Delta R.T.: -0.003 min
Response: 32304819
Conc: 20.16 ng/ml



#2 Decachlorobiphenyl

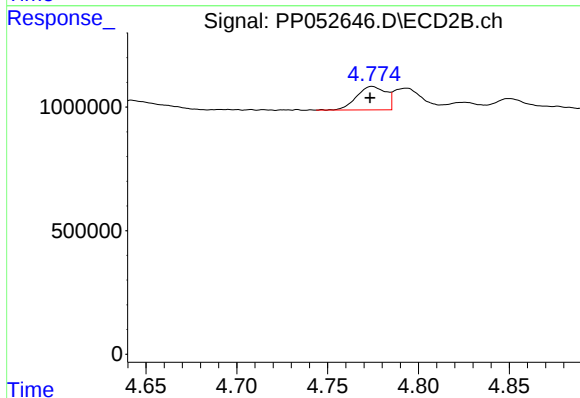
R.T.: 8.759 min
Delta R.T.: -0.003 min
Response: 29952449
Conc: 24.10 ng/ml



#3 AR-1016-1

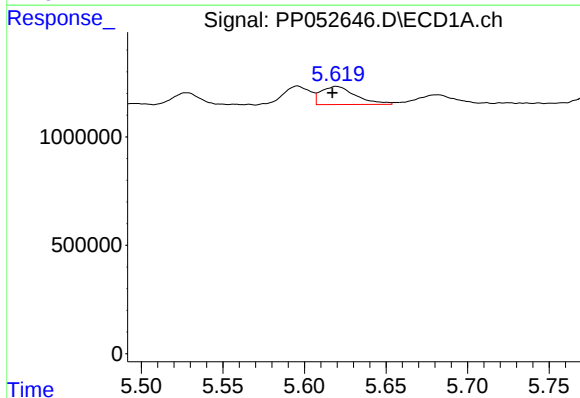
R.T.: 5.596 min
Delta R.T.: 0.002 min
Response: 1004514
Conc: 22.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



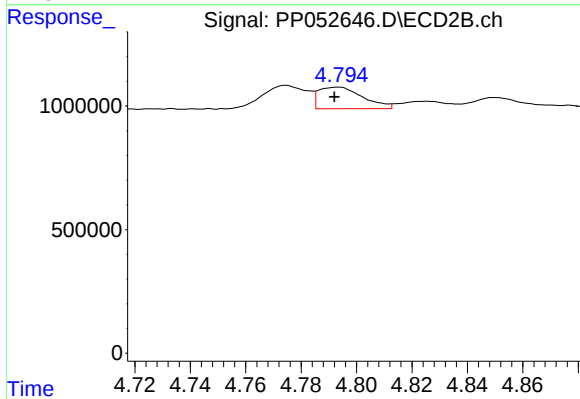
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: 0.001 min
Response: 1074334
Conc: 23.36 ng/ml



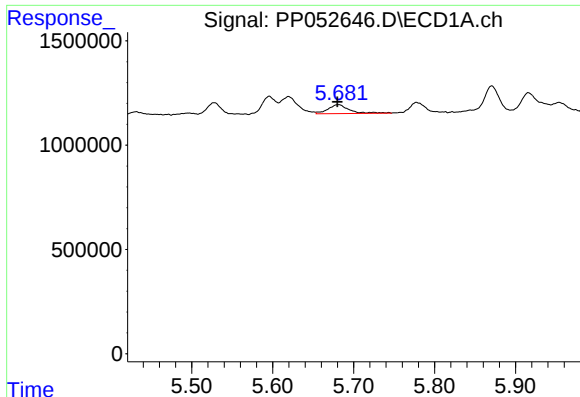
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.002 min
Response: 1242504
Conc: 19.68 ng/ml



#4 AR-1016-2

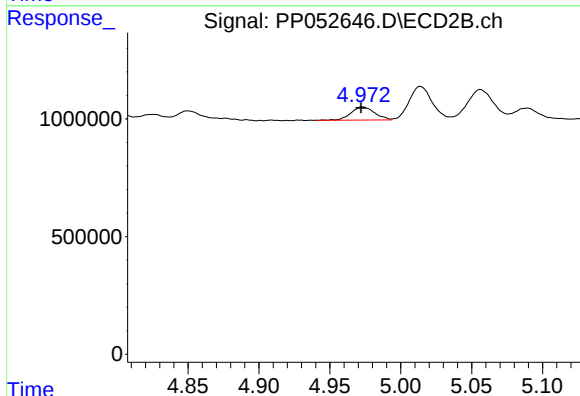
R.T.: 4.793 min
Delta R.T.: 0.001 min
Response: 963740
Conc: 15.39 ng/ml



#5 AR-1016-3

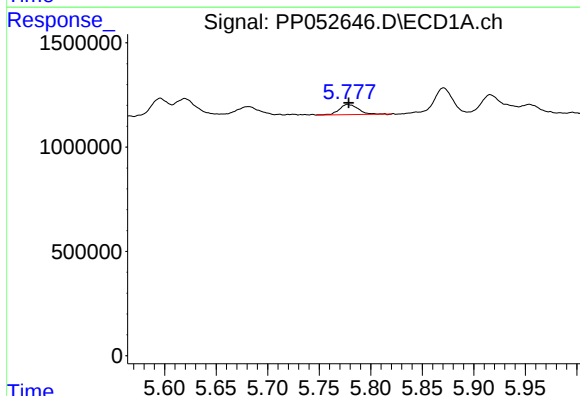
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 780370
Conc: 19.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



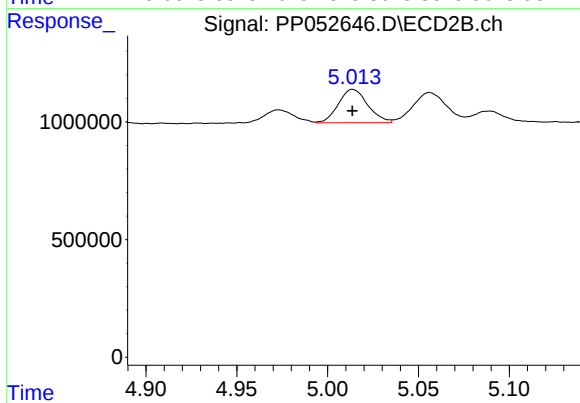
#5 AR-1016-3

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 649168
Conc: 18.83 ng/ml



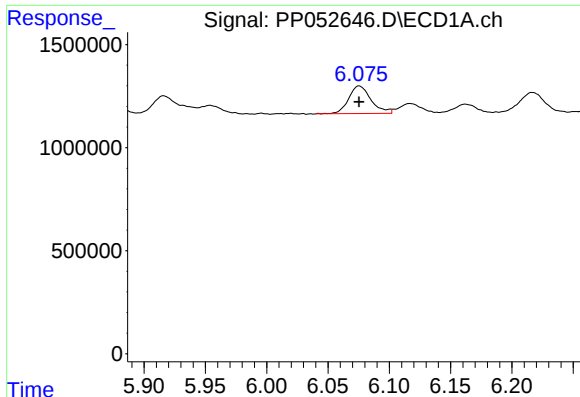
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 627004
Conc: 18.19 ng/ml



#6 AR-1016-4

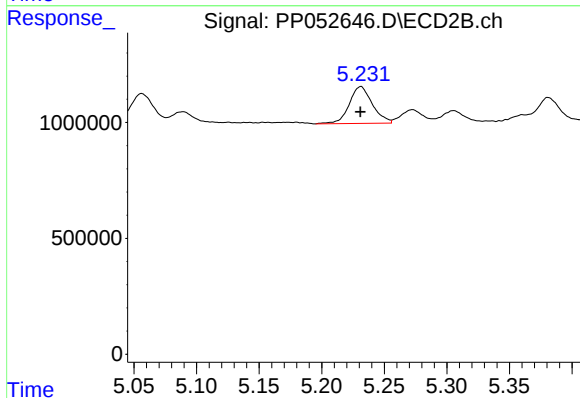
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 1599926
Conc: 55.19 ng/ml



#7 AR-1016-5

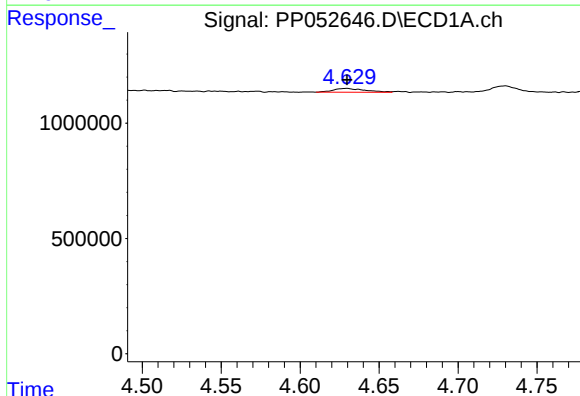
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1715551
Conc: 44.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



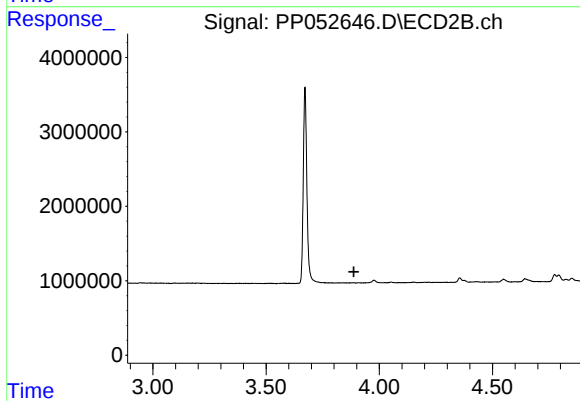
#7 AR-1016-5

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 2043303
Conc: 54.71 ng/ml



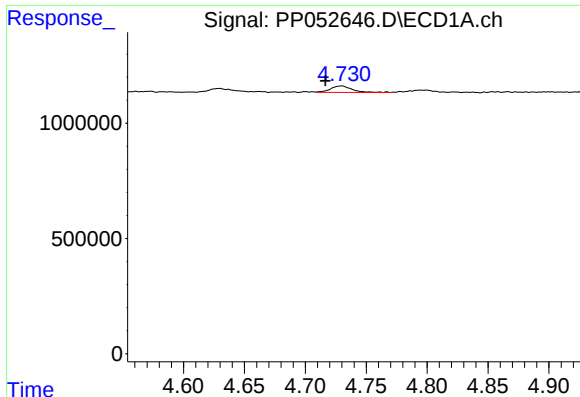
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 226219
Conc: 10.33 ng/ml



#8 AR-1221-1

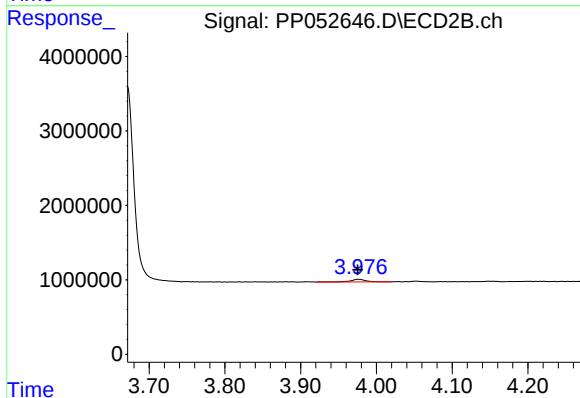
R.T.: 0.000 min
Exp R.T. : 3.888 min
Response: 0
Conc: N.D.



#9 AR-1221-2

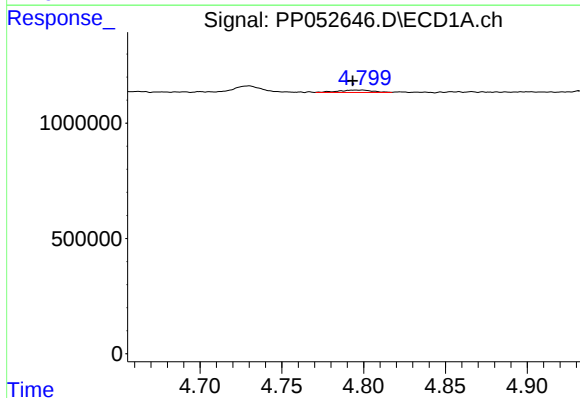
R.T.: 4.730 min
Delta R.T.: 0.013 min
Response: 347531
Conc: 21.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



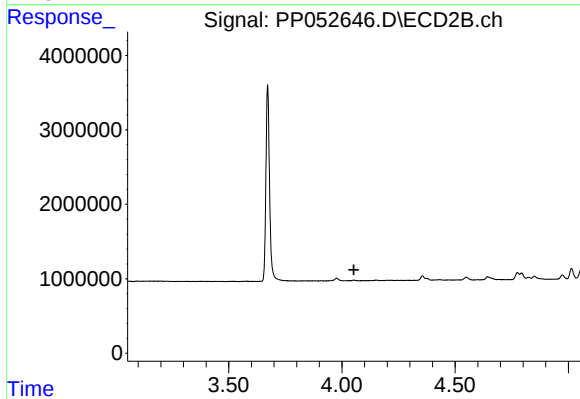
#9 AR-1221-2

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 485618
Conc: 36.47 ng/ml



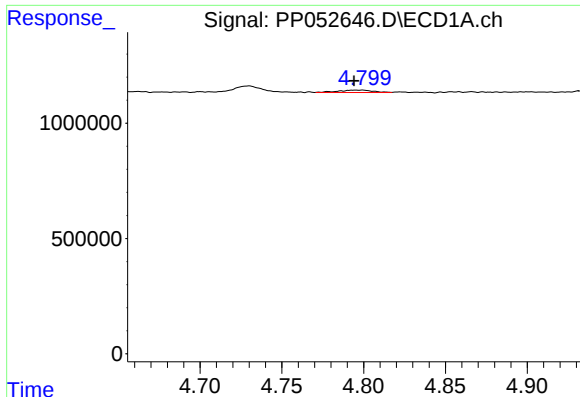
#10 AR-1221-3

R.T.: 4.798 min
Delta R.T.: 0.005 min
Response: 146769
Conc: 3.01 ng/ml



#10 AR-1221-3

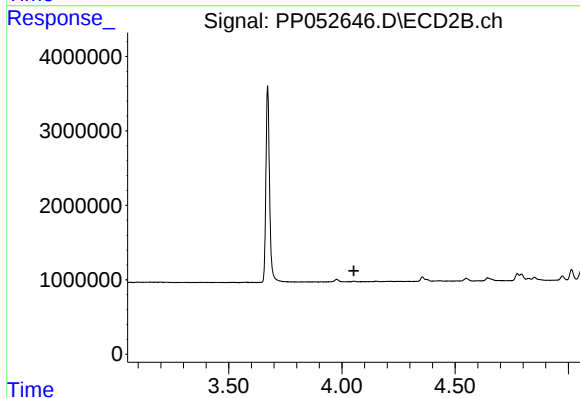
R.T.: 0.000 min
Exp R.T. : 4.053 min
Response: 0
Conc: N.D.



#11 AR-1232-1

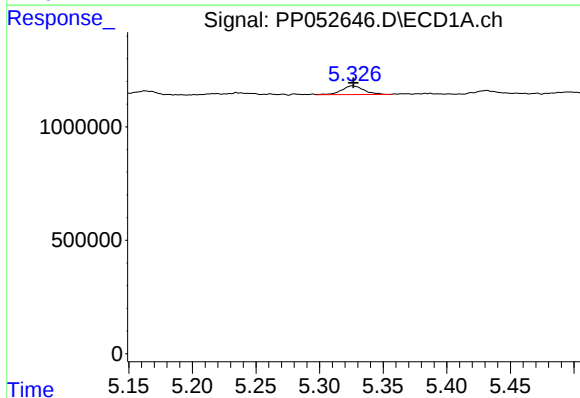
R.T.: 4.798 min
Delta R.T.: 0.004 min
Response: 146769
Conc: 3.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



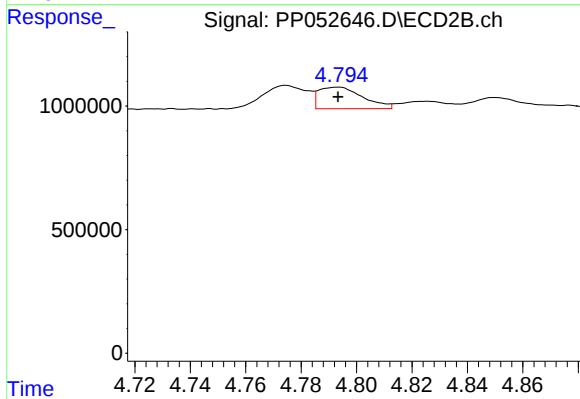
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.053 min
Response: 0
Conc: N.D.



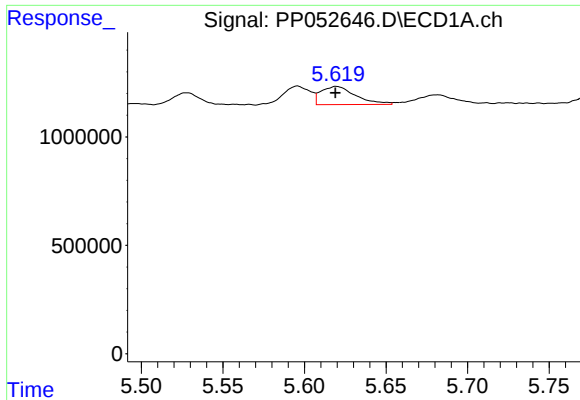
#12 AR-1232-2

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 458899
Conc: 22.65 ng/ml



#12 AR-1232-2

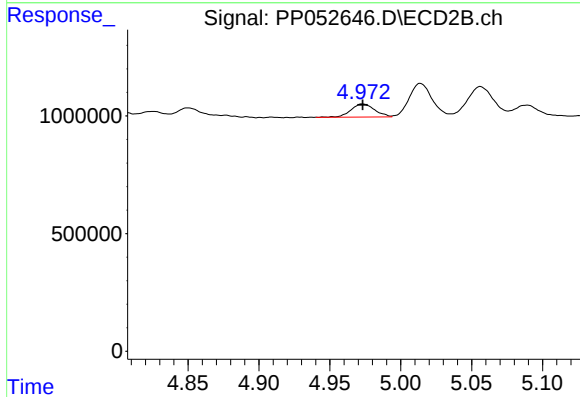
R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 963740
Conc: 31.41 ng/ml



#13 AR-1232-3

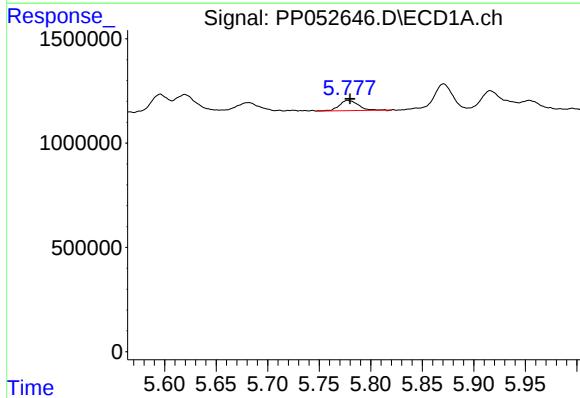
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 1242504
Conc: 40.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



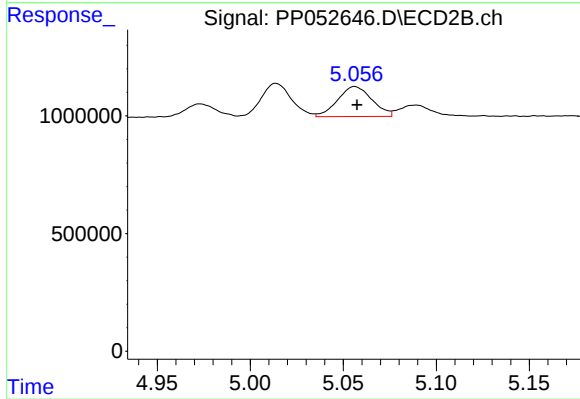
#13 AR-1232-3

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 649168
Conc: 40.40 ng/ml



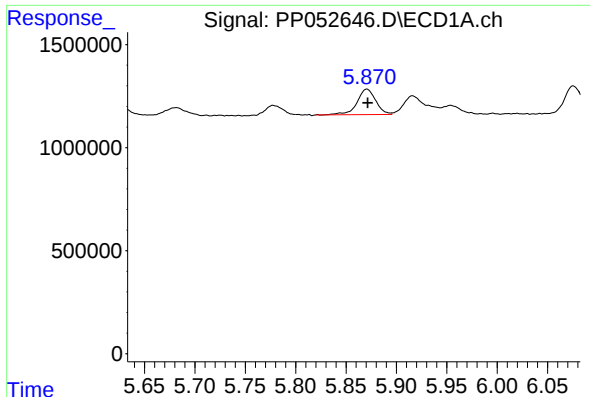
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 627004
Conc: 39.28 ng/ml



#14 AR-1232-4

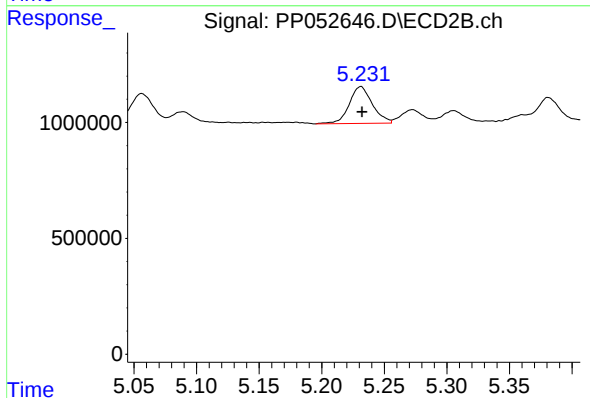
R.T.: 5.056 min
Delta R.T.: -0.001 min
Response: 1635058
Conc: 108.07 ng/ml



#15 AR-1232-5

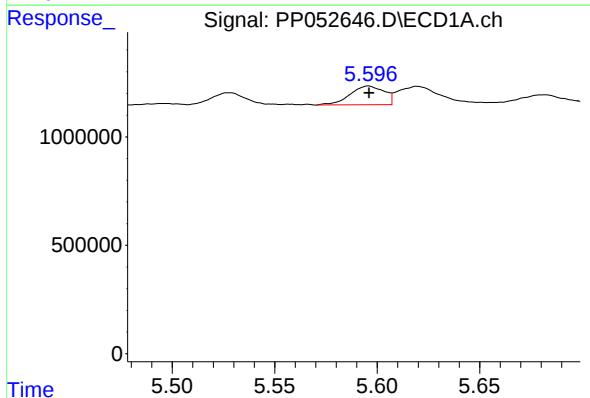
R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 1595069
Conc: 117.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



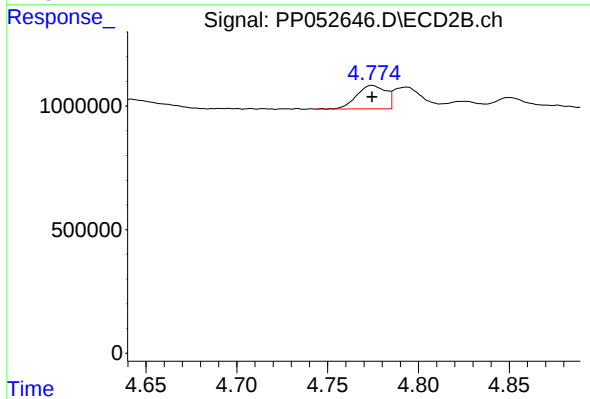
#15 AR-1232-5

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 2043303
Conc: 119.60 ng/ml



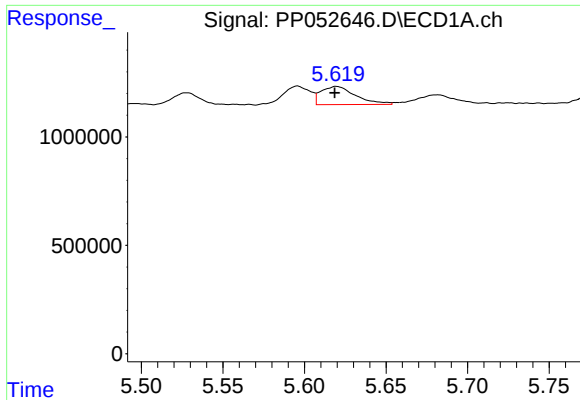
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 1004514
Conc: 28.74 ng/ml



#16 AR-1242-1

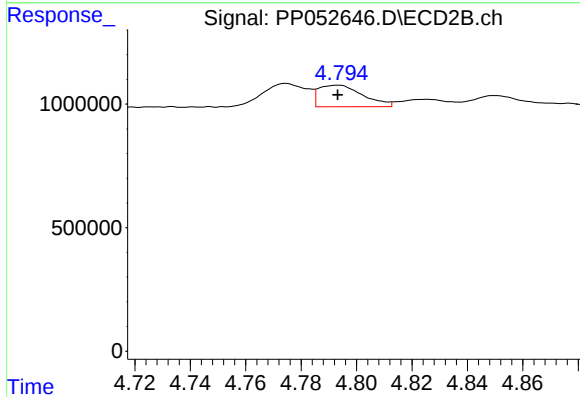
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 1074334
Conc: 27.88 ng/ml



#17 AR-1242-2

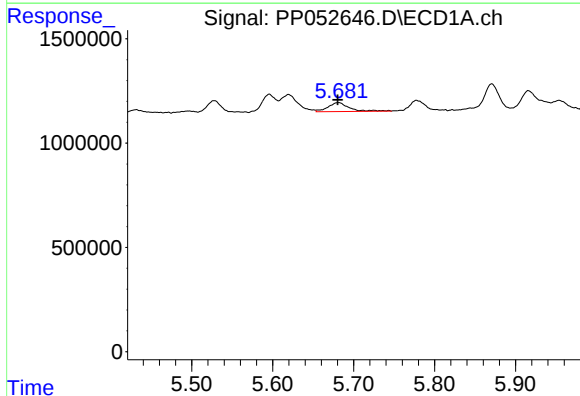
R.T.: 5.620 min
Delta R.T.: 0.001 min
Response: 1242504
Conc: 23.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



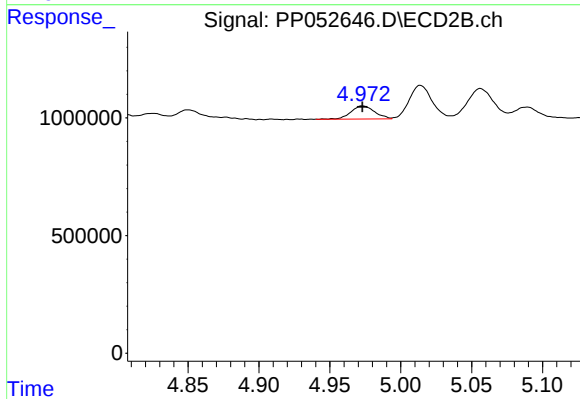
#17 AR-1242-2

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 963740
Conc: 18.39 ng/ml



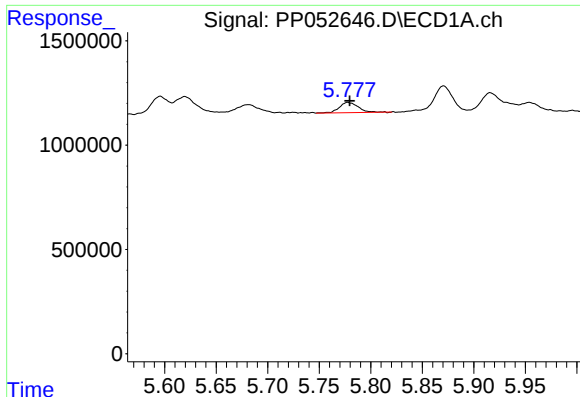
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 780370
Conc: 22.69 ng/ml



#18 AR-1242-3

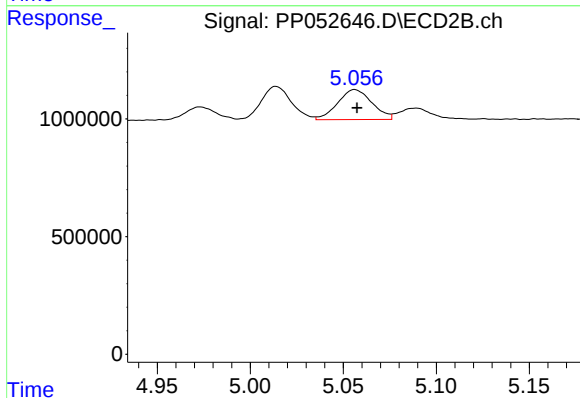
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 649168
Conc: 22.46 ng/ml



#19 AR-1242-4

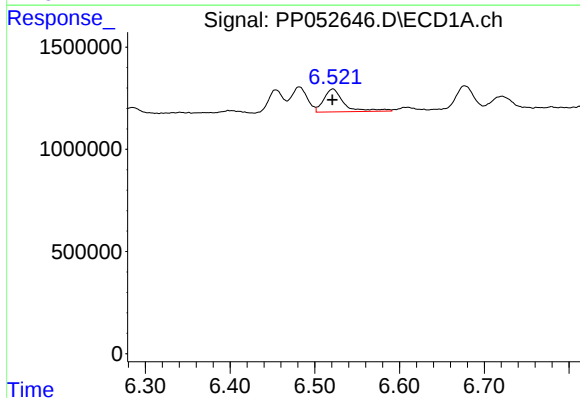
R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 627004
Conc: 21.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



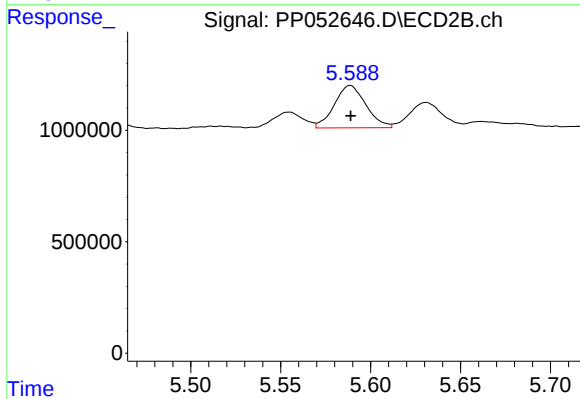
#19 AR-1242-4

R.T.: 5.056 min
Delta R.T.: -0.001 min
Response: 1635058
Conc: 53.93 ng/ml



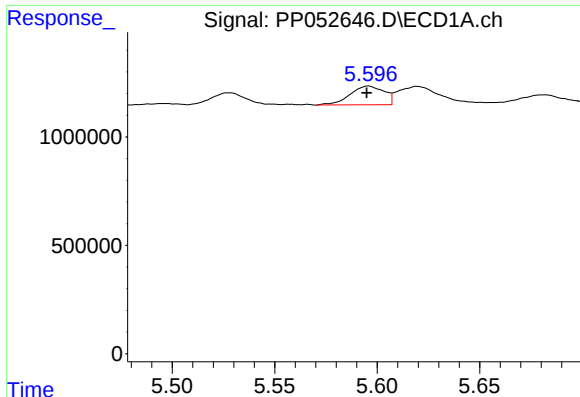
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 1838540
Conc: 50.95 ng/ml



#20 AR-1242-5

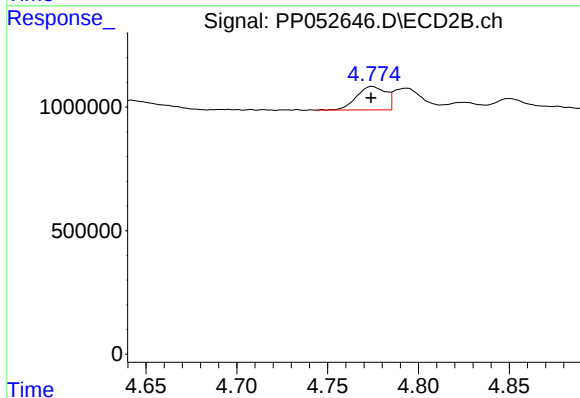
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 2322084
Conc: 66.55 ng/ml



#21 AR-1248-1

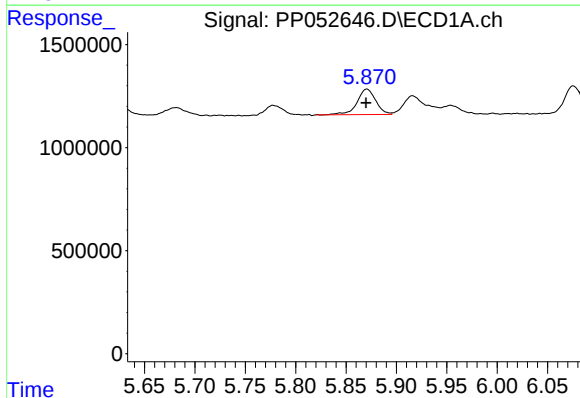
R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 1004514
Conc: 34.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



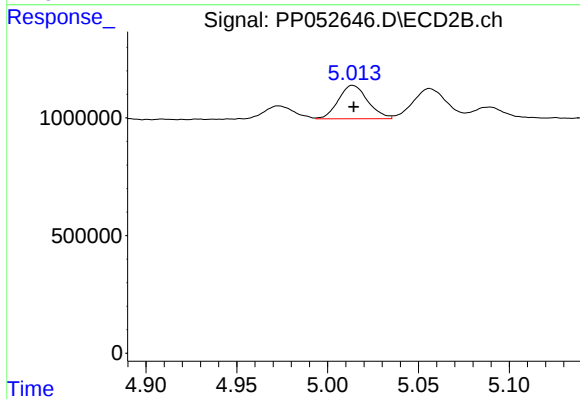
#21 AR-1248-1

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 1074334
Conc: 37.86 ng/ml



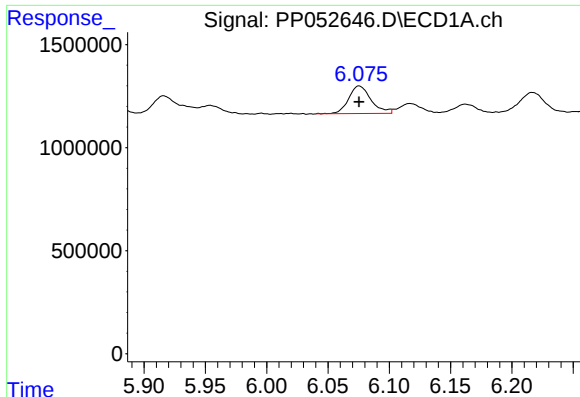
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 1595069
Conc: 37.64 ng/ml



#22 AR-1248-2

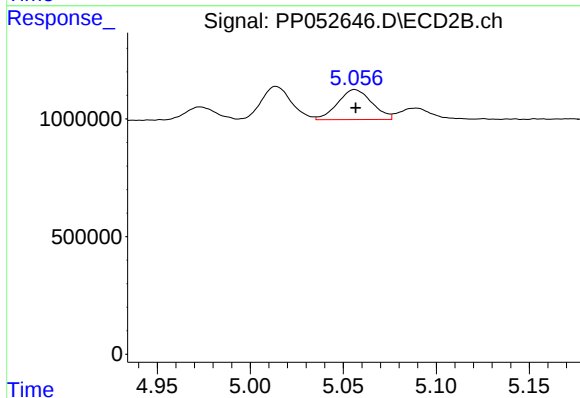
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 1599926
Conc: 39.03 ng/ml



#23 AR-1248-3

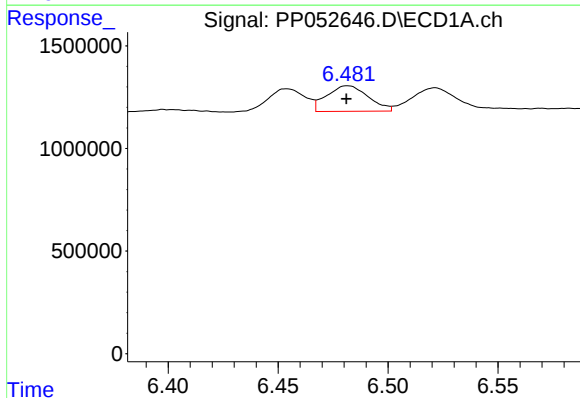
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1715551
Conc: 33.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



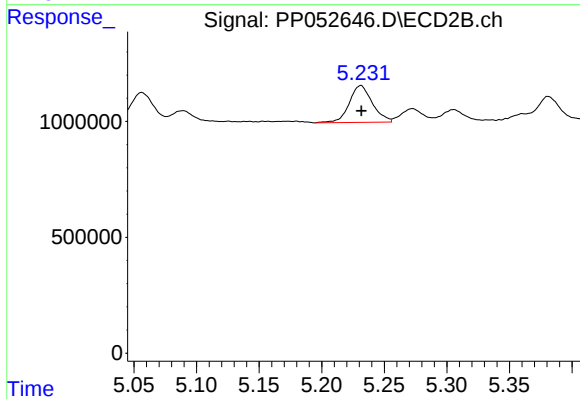
#23 AR-1248-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 1635058
Conc: 38.89 ng/ml



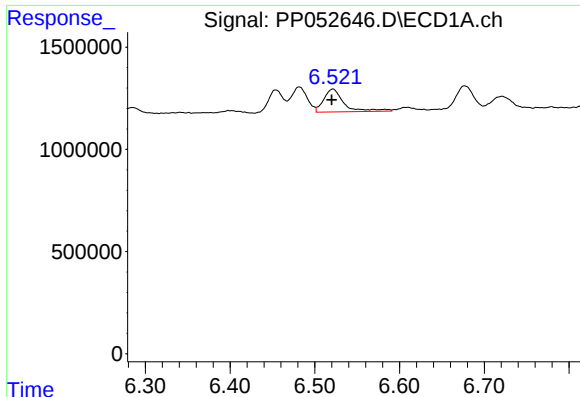
#24 AR-1248-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 1640643
Conc: 29.77 ng/ml



#24 AR-1248-4

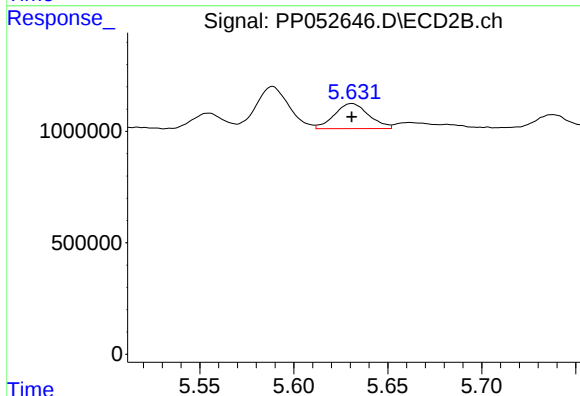
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 2043303
Conc: 41.66 ng/ml



#25 AR-1248-5

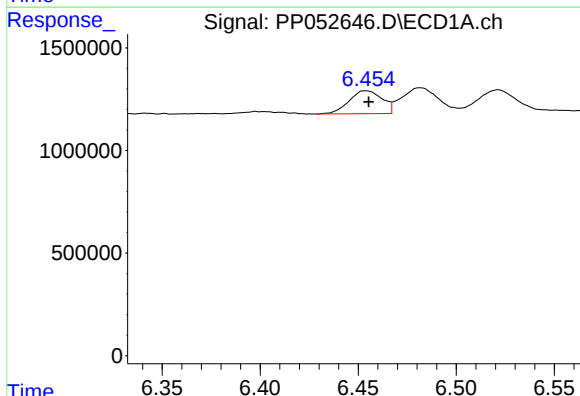
R.T.: 6.521 min
Delta R.T.: 0.001 min
Response: 1838540
Conc: 32.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



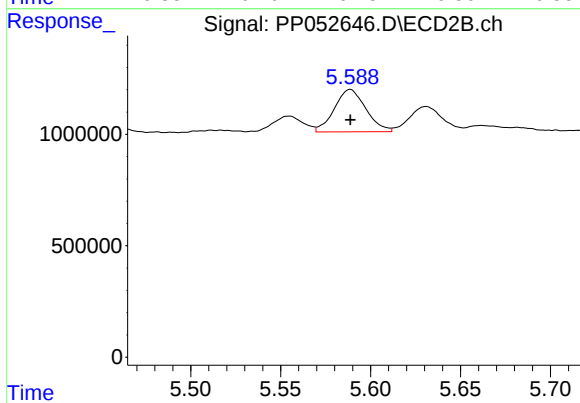
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 1439091
Conc: 34.64 ng/ml



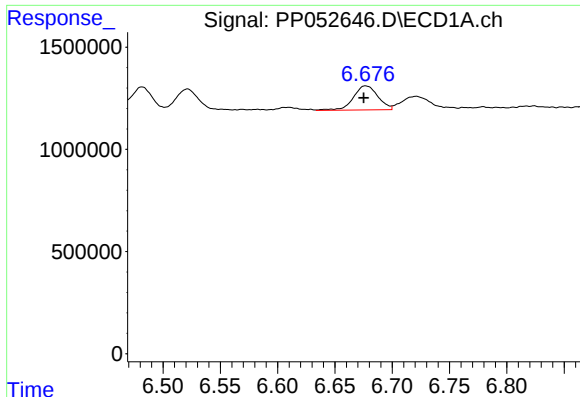
#26 AR-1254-1

R.T.: 6.454 min
Delta R.T.: -0.001 min
Response: 1319713
Conc: 21.15 ng/ml



#26 AR-1254-1

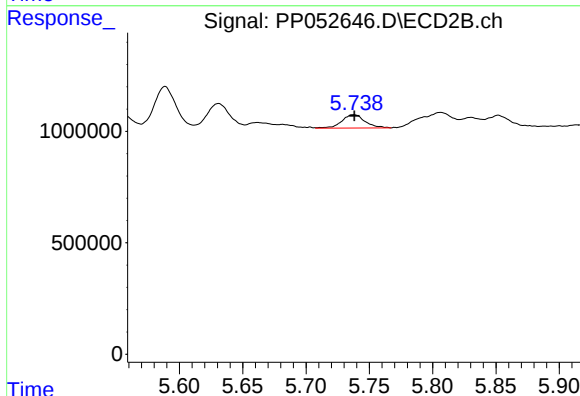
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 2322084
Conc: 32.06 ng/ml



#27 AR-1254-2

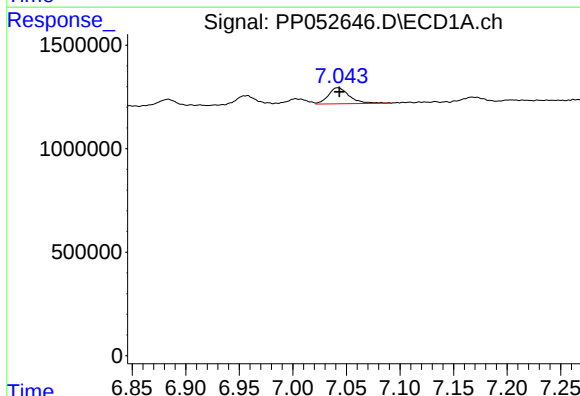
R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 1766756
Conc: 18.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



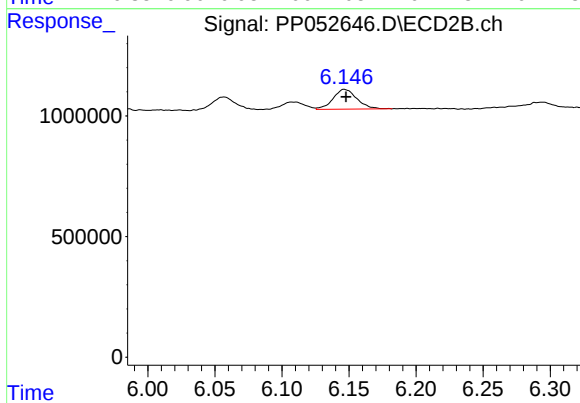
#27 AR-1254-2

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 770982
Conc: 12.01 ng/ml



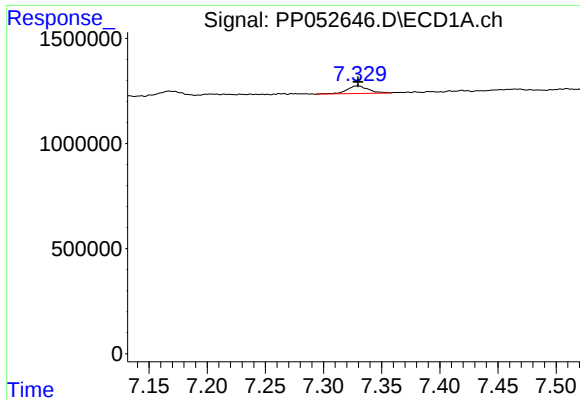
#28 AR-1254-3

R.T.: 7.042 min
Delta R.T.: -0.001 min
Response: 1057254
Conc: 11.31 ng/ml



#28 AR-1254-3

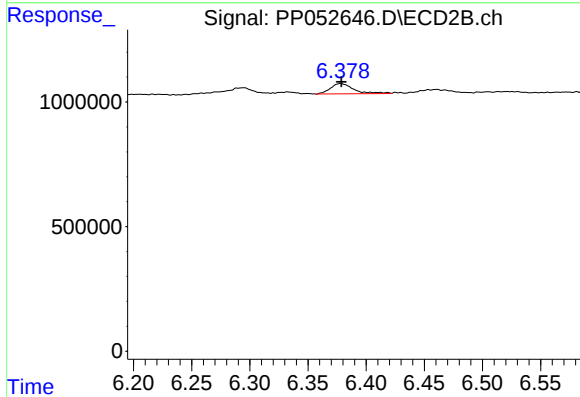
R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 1019828
Conc: 10.30 ng/ml



#29 AR-1254-4

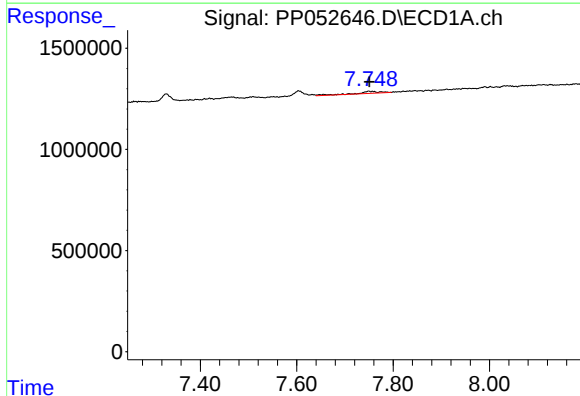
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 476358
Conc: 7.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



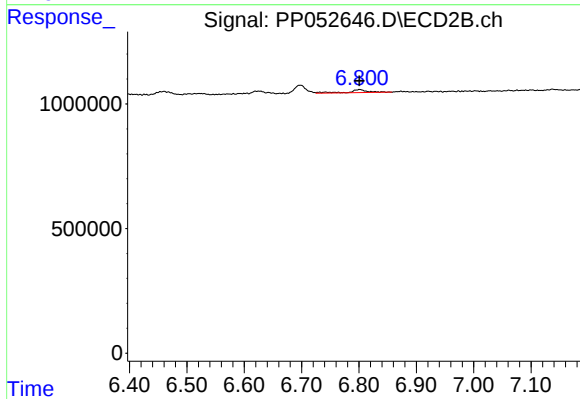
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 577882
Conc: 11.22 ng/ml



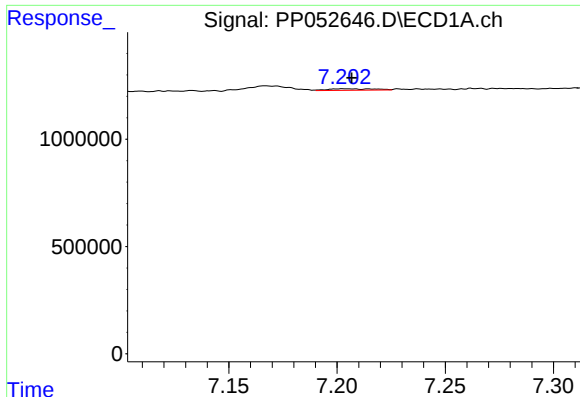
#30 AR-1254-5

R.T.: 7.750 min
Delta R.T.: 0.000 min
Response: 324856
Conc: 4.28 ng/ml



#30 AR-1254-5

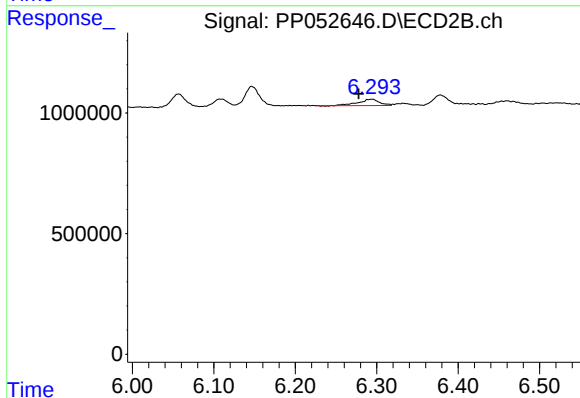
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 270229
Conc: 3.24 ng/ml



#31 AR-1260-1

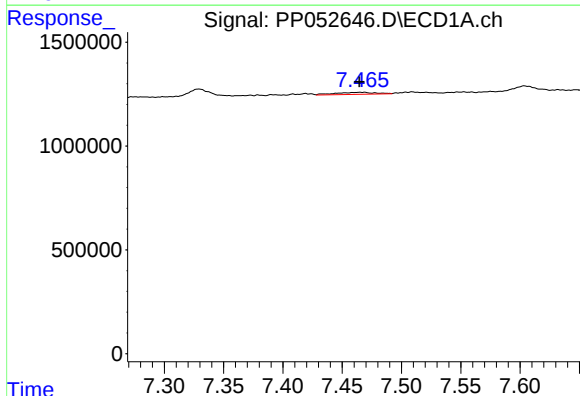
R.T.: 7.204 min
Delta R.T.: -0.003 min
Response: 104554
Conc: 1.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



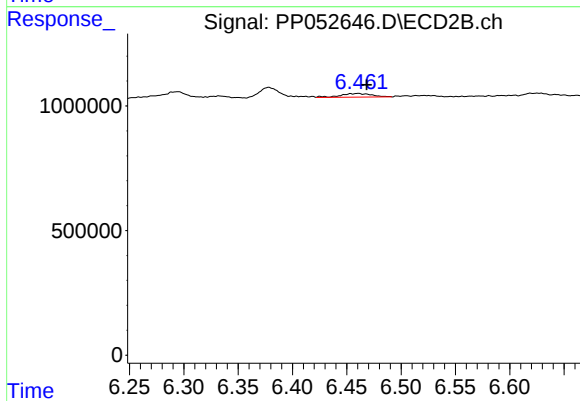
#31 AR-1260-1

R.T.: 6.294 min
Delta R.T.: 0.016 min
Response: 473777
Conc: 6.74 ng/ml



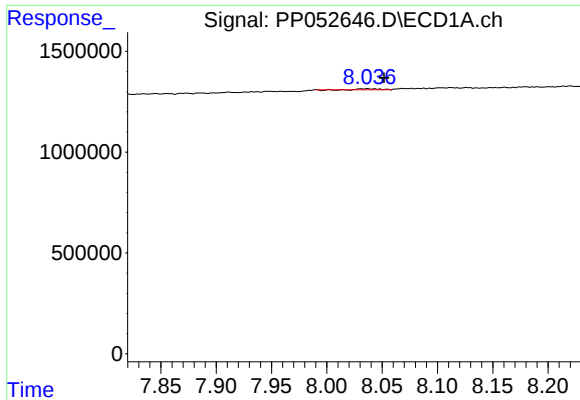
#32 AR-1260-2

R.T.: 7.466 min
Delta R.T.: 0.001 min
Response: 228938
Conc: 2.73 ng/ml



#32 AR-1260-2

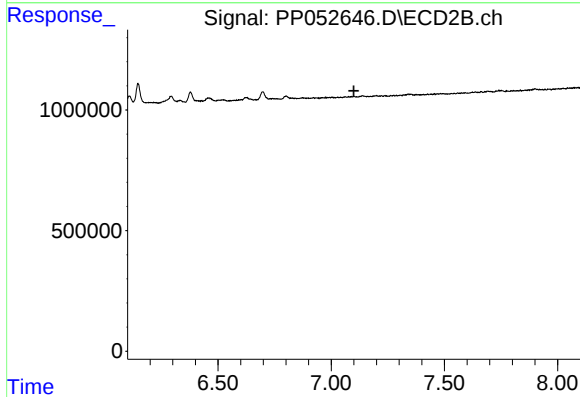
R.T.: 6.460 min
Delta R.T.: -0.008 min
Response: 293103
Conc: 3.66 ng/ml



#34 AR-1260-4

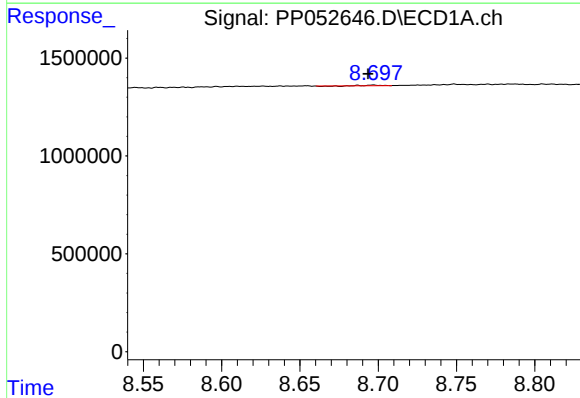
R.T.: 8.036 min
Delta R.T.: -0.016 min
Response: 55148
Conc: 0.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



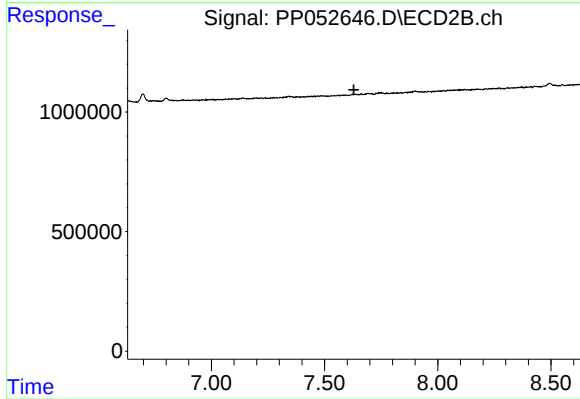
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.100 min
Response: 0
Conc: N.D.



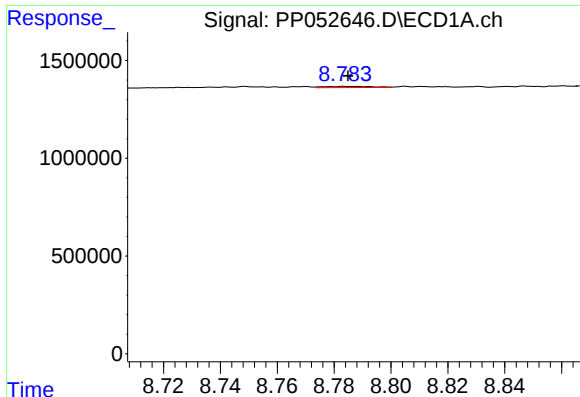
#38 AR-1262-3

R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 16183
Conc: 0.15 ng/ml



#38 AR-1262-3

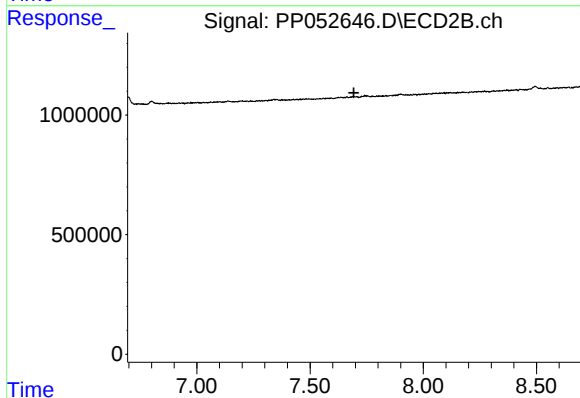
R.T.: 0.000 min
Exp R.T. : 7.629 min
Response: 0
Conc: N.D.



#39 AR-1262-4

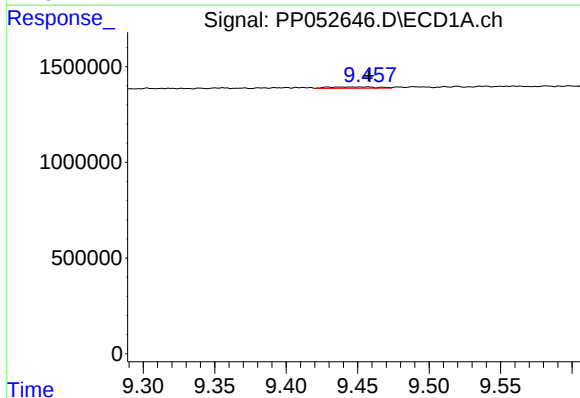
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 71560
Conc: 1.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



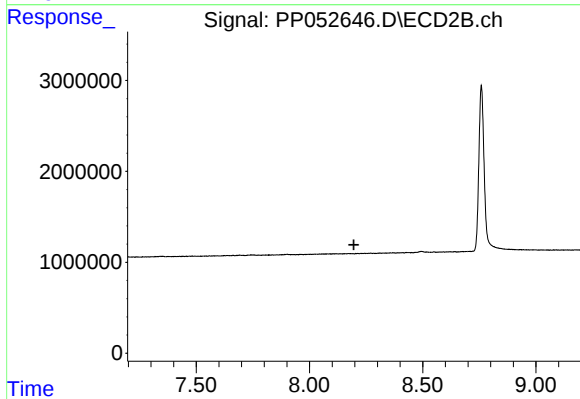
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.694 min
Response: 0
Conc: N.D.



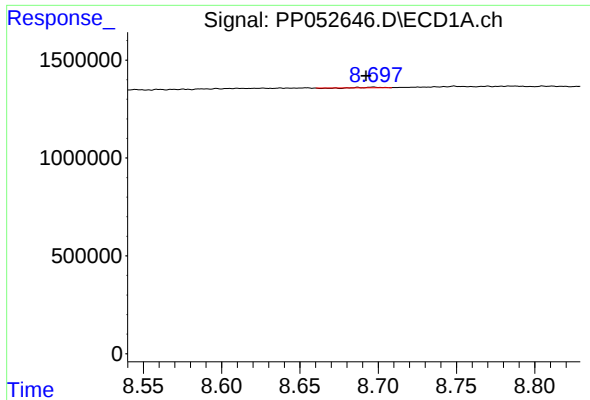
#40 AR-1262-5

R.T.: 9.441 min
Delta R.T.: -0.017 min
Response: 169165
Conc: 2.64 ng/ml



#40 AR-1262-5

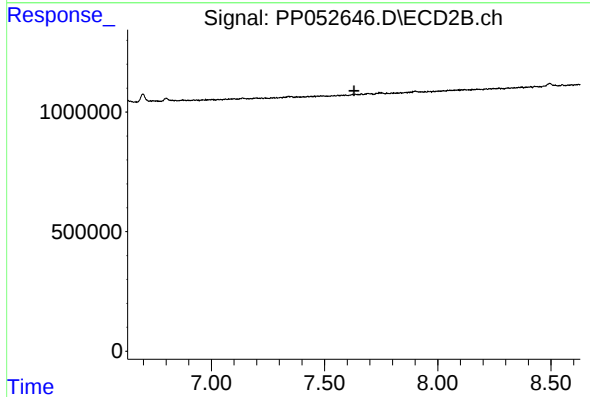
R.T.: 0.000 min
Exp R.T. : 8.196 min
Response: 0
Conc: N.D.



#41 AR-1268-1

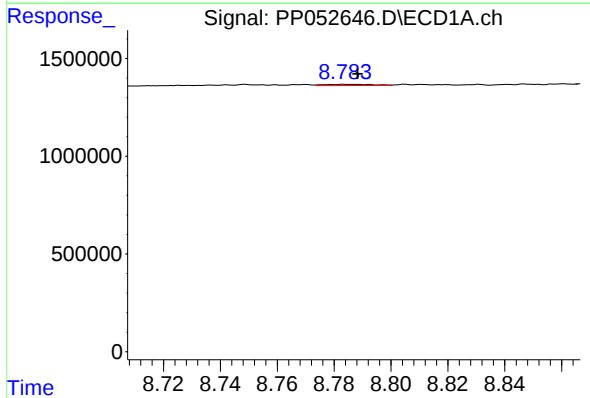
R.T.: 8.697 min
Delta R.T.: 0.005 min
Response: 16183
Conc: 0.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



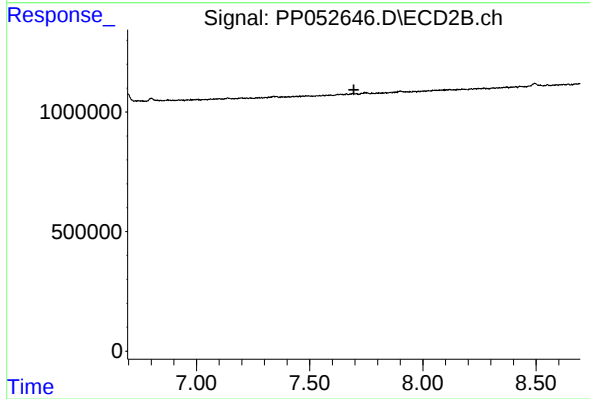
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.630 min
Response: 0
Conc: N.D.



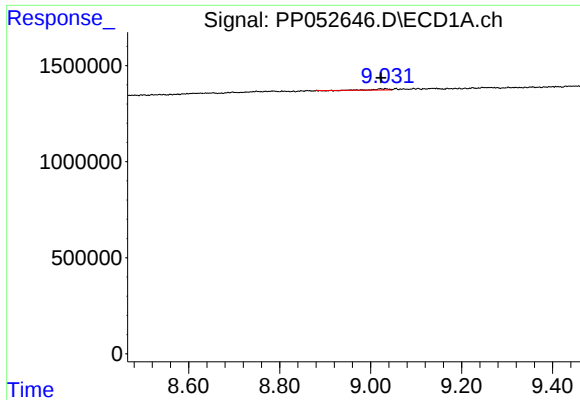
#42 AR-1268-2

R.T.: 8.786 min
Delta R.T.: -0.002 min
Response: 71560
Conc: 0.37 ng/ml



#42 AR-1268-2

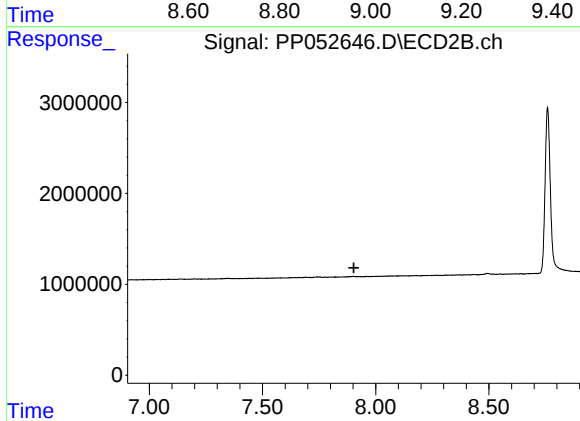
R.T.: 0.000 min
Exp R.T. : 7.695 min
Response: 0
Conc: N.D.



#43 AR-1268-3

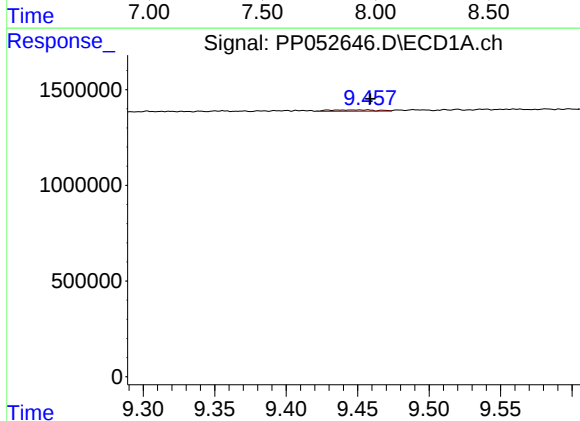
R.T.: 9.022 min
Delta R.T.: -0.001 min
Response: 100776
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



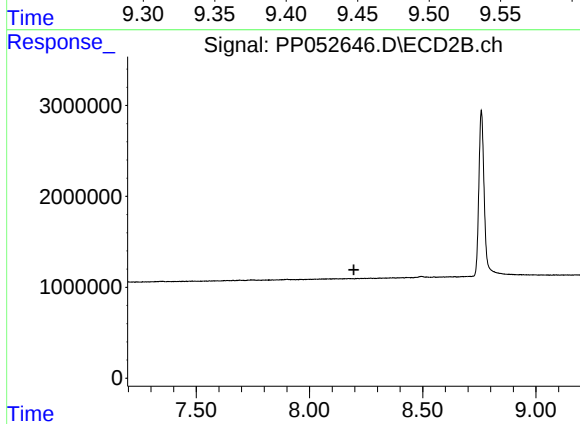
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.903 min
Response: 0
Conc: N.D.



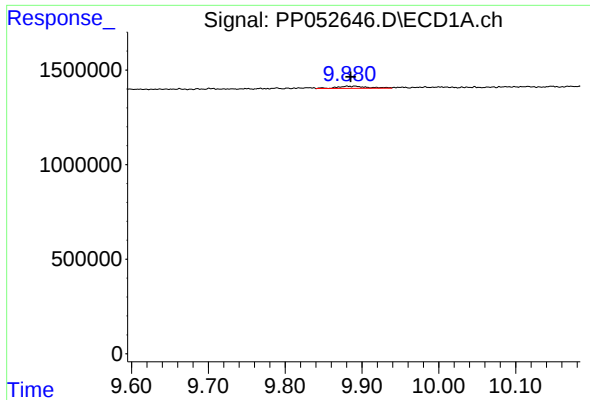
#44 AR-1268-4

R.T.: 9.441 min
Delta R.T.: -0.018 min
Response: 169165
Conc: 2.16 ng/ml



#44 AR-1268-4

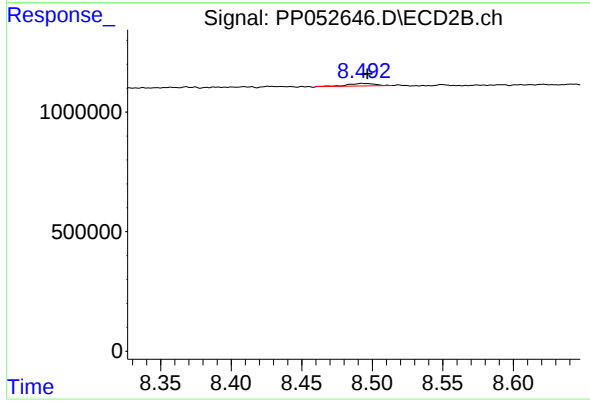
R.T.: 0.000 min
Exp R.T. : 8.196 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.881 min
Delta R.T.: -0.005 min
Response: 327475
Conc: 0.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 147974
Conc: 0.33 ng/ml