

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110420\
 Data File : PP031136.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Nov 2020 23:41
 Operator : DD\AJ
 Sample : L4214-01
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 05:11:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 04 08:24:38 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.800	4.074	1000558	957279	14.980	14.402
2)	SA Decachlor...	10.680	9.395	652318	724864	16.315	17.359
Target Compounds							
3)	L1 AR-1016-1	6.133f	0.000	6445	0	3.310	N.D. #
4)	L1 AR-1016-2	6.133	0.000	6445	0	2.258	N.D. #
5)	L1 AR-1016-3	6.194	0.000	1441	0	0.828	N.D. #
6)	L1 AR-1016-4	0.000	5.599	0	30633	N.D.	33.215 #
7)	L1 AR-1016-5	6.614	5.828	22454	19587	18.013	14.923
9)	L2 AR-1221-2	5.147	4.429	12884	10789	28.685	26.005
13)	L3 AR-1232-3	6.133	0.000	6445	0	5.770	N.D. #
14)	L3 AR-1232-4	0.000	5.646	0	4038	N.D.	9.245 #
15)	L3 AR-1232-5	6.399	5.828	32836	19587	94.763	40.561 #
16)	L4 AR-1242-1	6.133f	0.000	6445	0	4.797	N.D. #
17)	L4 AR-1242-2	6.133	0.000	6445	0	3.300	N.D. #
18)	L4 AR-1242-3	6.194	0.000	1441	0	1.182	N.D. #
19)	L4 AR-1242-4	0.000	5.646	0	4038	N.D.	4.656 #
20)	L4 AR-1242-5	7.080	6.208	22841	82904	23.935	83.278 #
21)	L5 AR-1248-1	6.133f	0.000	6445	0	6.684	N.D. #
22)	L5 AR-1248-2	6.399	5.599	32836	30633	28.391	27.795
23)	L5 AR-1248-3	6.614	5.646	22454	4038	15.782	3.336 #
24)	L5 AR-1248-4	7.038	5.828	33821	19587	22.191	13.272 #
25)	L5 AR-1248-5	7.080	6.251	22841	9862	15.056	7.809 #
26)	L6 AR-1254-1	7.010	6.208	73838	82904	52.591	42.154
27)	L6 AR-1254-2	7.239	6.367	104256	68707	50.016	41.812
28)	L6 AR-1254-3	7.617	6.788	139259	121694	60.337	44.441 #
29)	L6 AR-1254-4	7.912	7.027	80898	61787	49.413	38.291
30)	L6 AR-1254-5	8.339	7.456	71819	80684	42.544	36.851
31)	L7 AR-1260-1	7.786	6.926	45381	45084	24.706	22.495
32)	L7 AR-1260-2	8.051	7.121	36335	39579	16.866	16.901
33)	L7 AR-1260-3	0.000	7.275	0	45310	N.D.	19.930 #
34)	L7 AR-1260-4	8.632f	7.797f	23732	20438	12.764	11.202
35)	L7 AR-1260-5	8.960	8.009	15452	16025	4.098	3.561
36)	L8 AR-1262-1	0.000	7.505	0	1439	N.D.	0.620 #
37)	L8 AR-1262-2	8.960	8.009	15452	16025	4.251	3.865
38)	L8 AR-1262-3	9.276	0.000	18462	0	7.142	N.D. #
39)	L8 AR-1262-4	0.000	8.353	0	13051	N.D.	4.110 #
40)	L8 AR-1262-5	9.977	0.000	44028	0	31.082	N.D. #
41)	L9 AR-1268-1	9.276f	0.000	18462	0	4.227	N.D. #
42)	L9 AR-1268-2	0.000	8.353	0	13051	N.D.	2.744 #
43)	L9 AR-1268-3	9.570	0.000	65034	0	17.982	N.D. #
44)	L9 AR-1268-4	9.977	0.000	44028	0	27.798	N.D. #
45)	L9 AR-1268-5	10.393f	9.146	61229	2692	5.120	0.201 #

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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

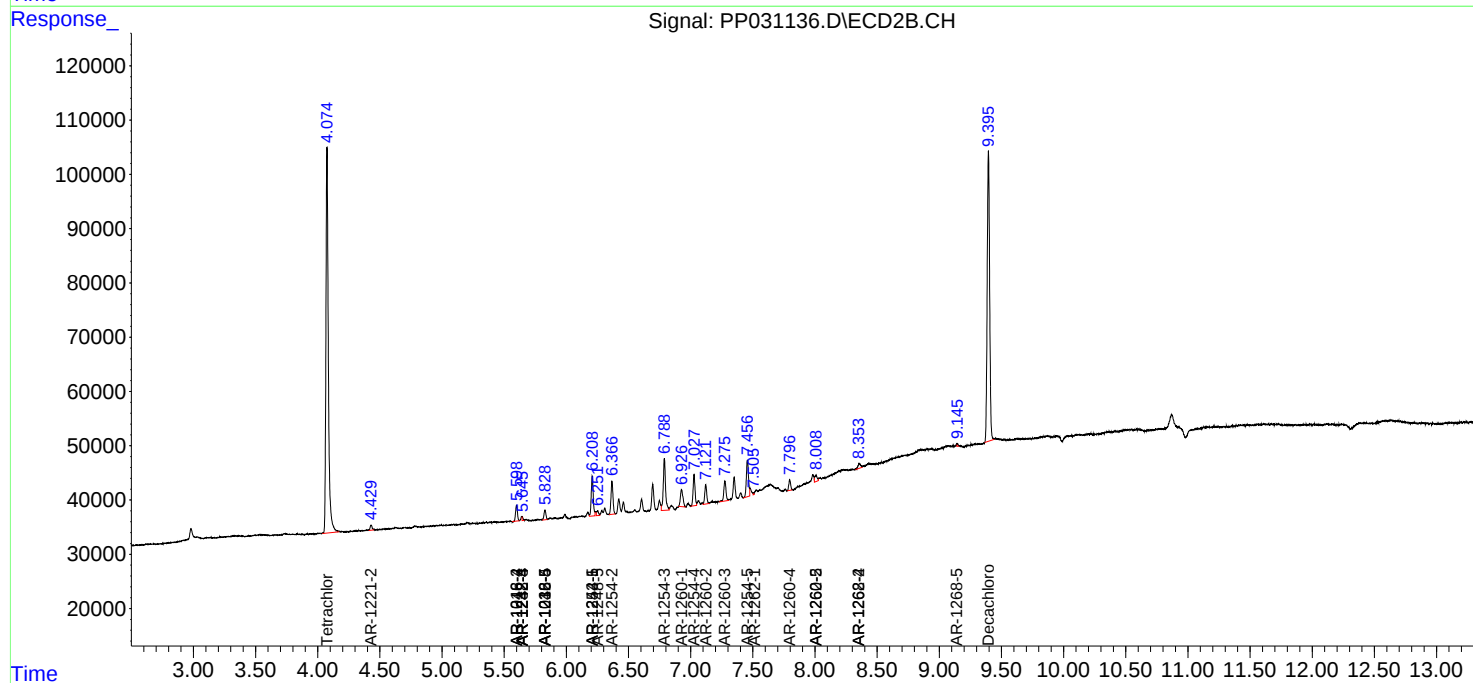
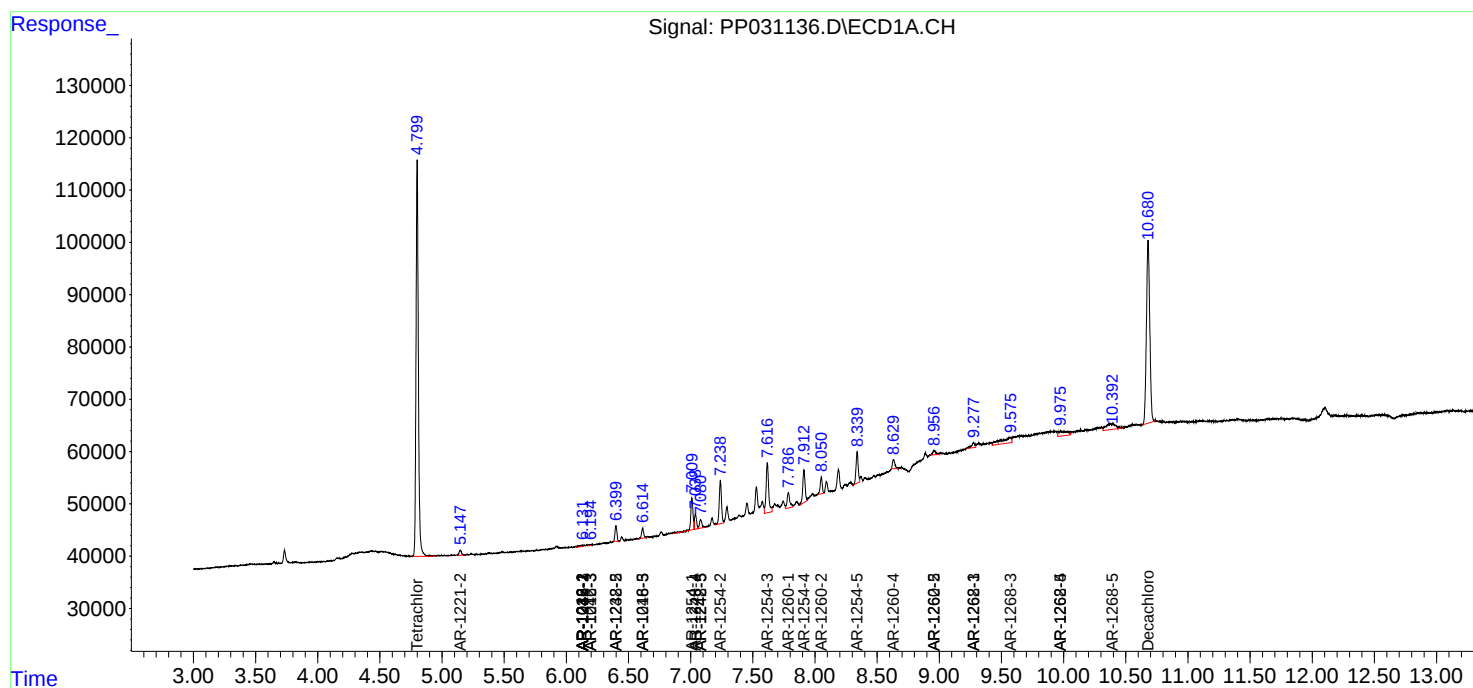
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

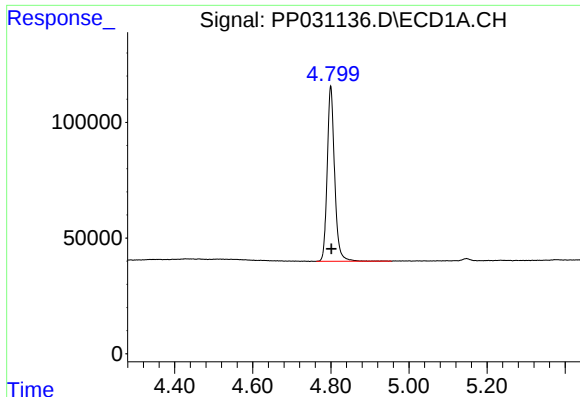
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110420\
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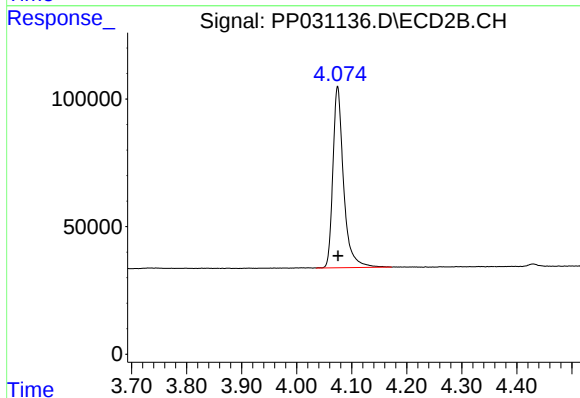




#1 Tetrachloro-m-xylene

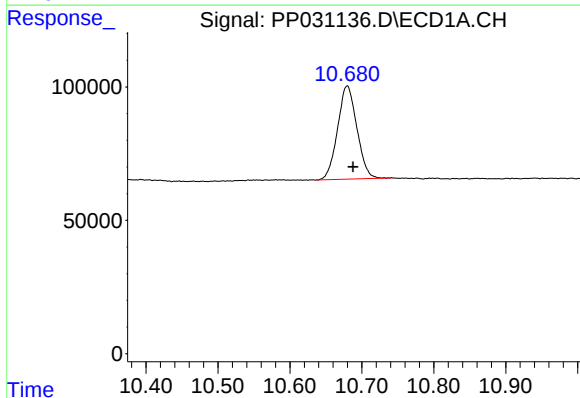
R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 1000558
Conc: 14.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



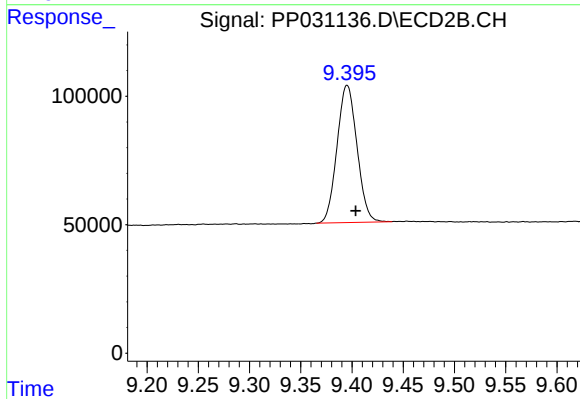
#1 Tetrachloro-m-xylene

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 957279
Conc: 14.40 ng/ml



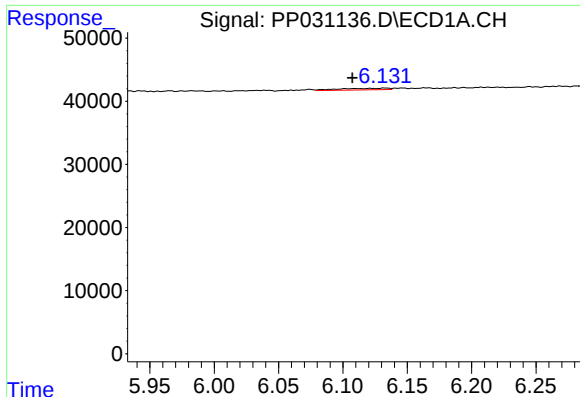
#2 Decachlorobiphenyl

R.T.: 10.680 min
Delta R.T.: -0.008 min
Response: 652318
Conc: 16.31 ng/ml



#2 Decachlorobiphenyl

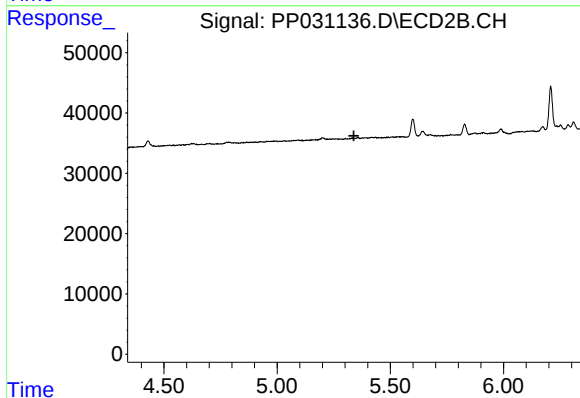
R.T.: 9.395 min
Delta R.T.: -0.008 min
Response: 724864
Conc: 17.36 ng/ml



#3 AR-1016-1

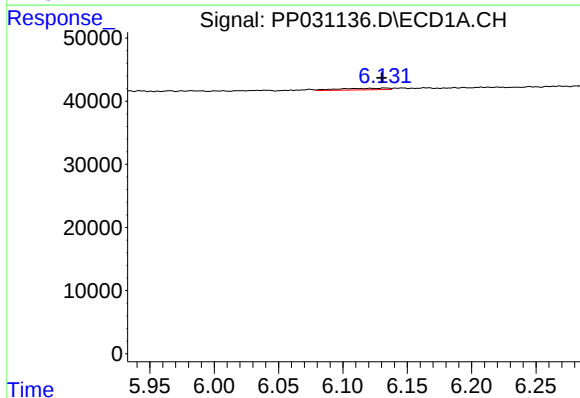
R.T.: 6.133 min
Delta R.T.: 0.025 min
Response: 6445
Conc: 3.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



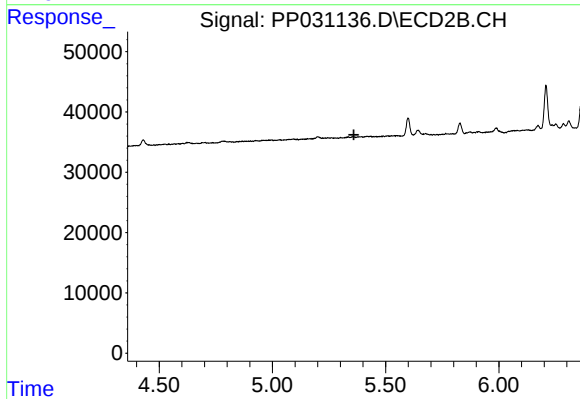
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.339 min
Response: 0
Conc: N.D.



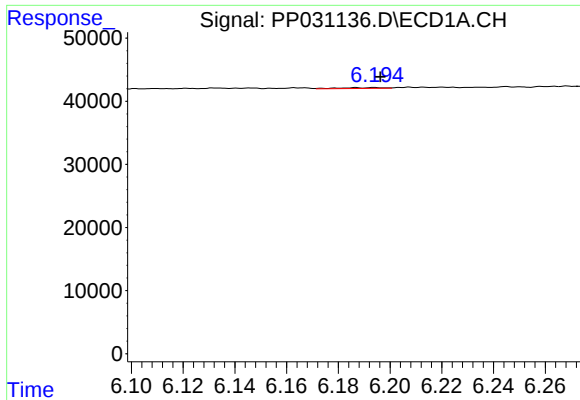
#4 AR-1016-2

R.T.: 6.133 min
Delta R.T.: 0.002 min
Response: 6445
Conc: 2.26 ng/ml



#4 AR-1016-2

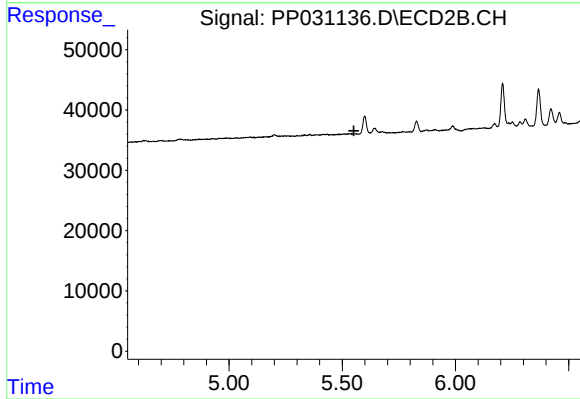
R.T.: 0.000 min
Exp R.T. : 5.360 min
Response: 0
Conc: N.D.



#5 AR-1016-3

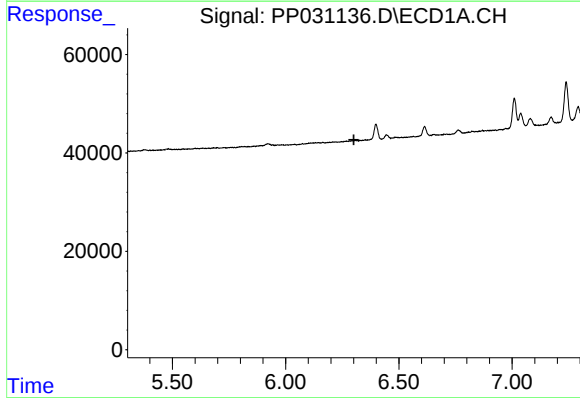
R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 1441
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



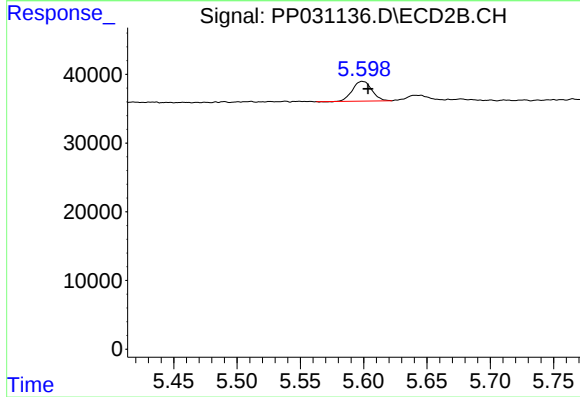
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.552 min
Response: 0
Conc: N.D.



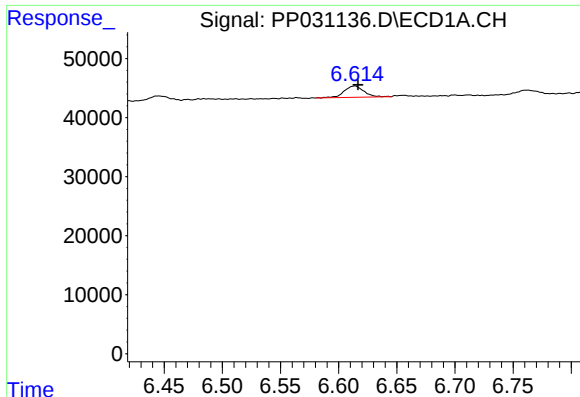
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.302 min
Response: 0
Conc: N.D.



#6 AR-1016-4

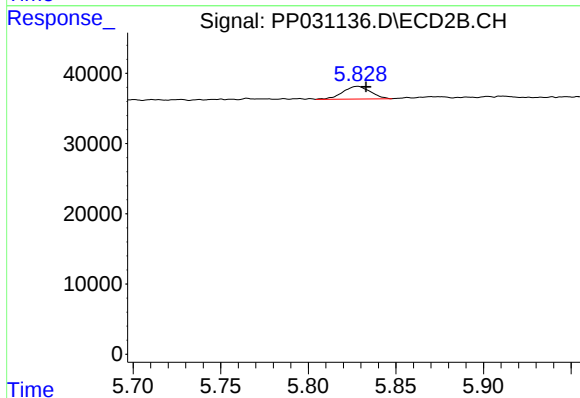
R.T.: 5.599 min
Delta R.T.: -0.005 min
Response: 30633
Conc: 33.22 ng/ml



#7 AR-1016-5

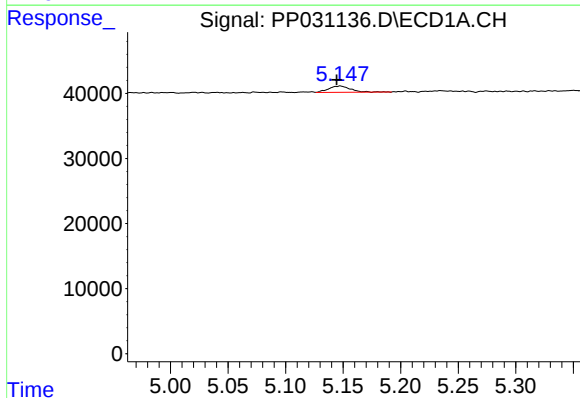
R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 22454
Conc: 18.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



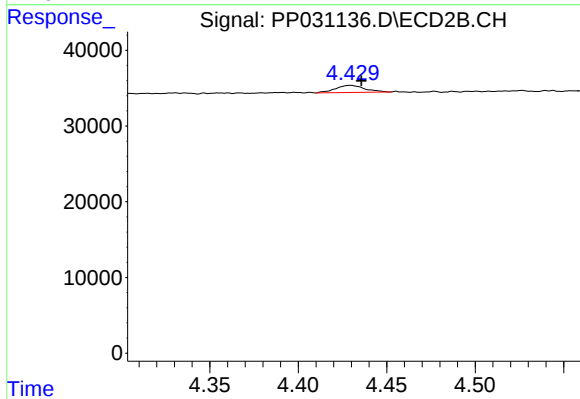
#7 AR-1016-5

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 19587
Conc: 14.92 ng/ml



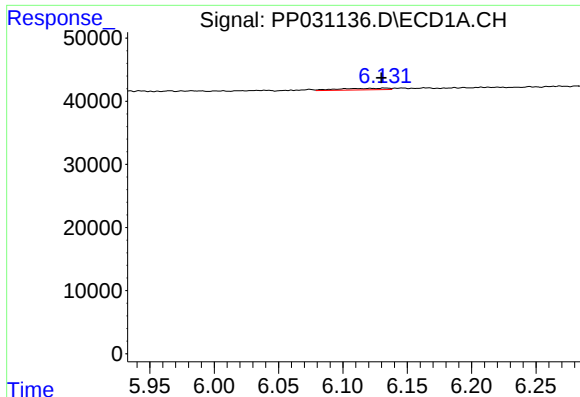
#9 AR-1221-2

R.T.: 5.147 min
Delta R.T.: 0.003 min
Response: 12884
Conc: 28.69 ng/ml



#9 AR-1221-2

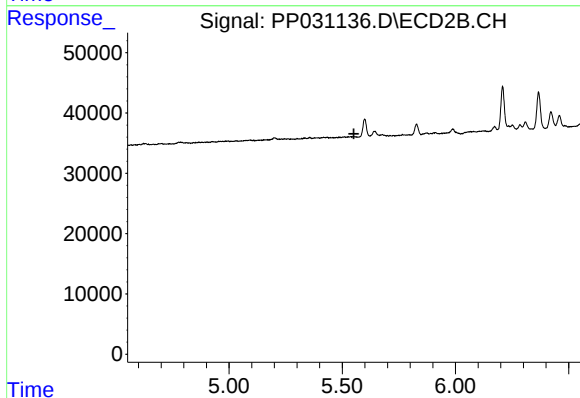
R.T.: 4.429 min
Delta R.T.: -0.006 min
Response: 10789
Conc: 26.01 ng/ml



#13 AR-1232-3

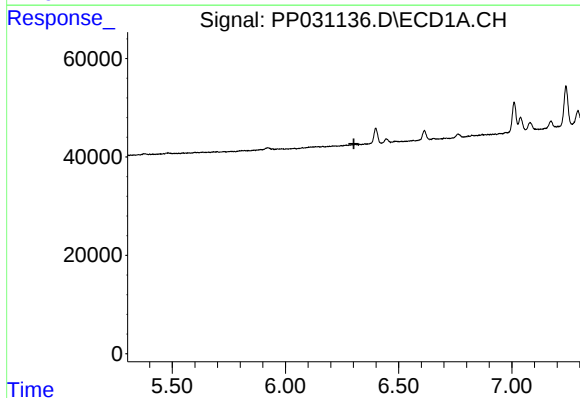
R.T.: 6.133 min
Delta R.T.: 0.003 min
Response: 6445
Conc: 5.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



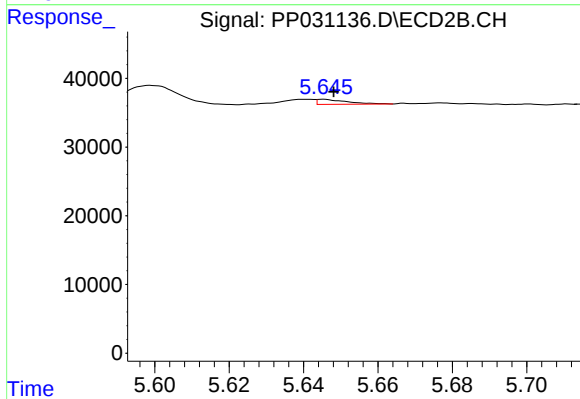
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.551 min
Response: 0
Conc: N.D.



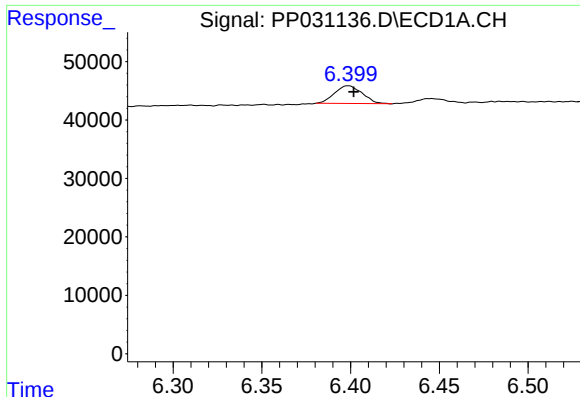
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.302 min
Response: 0
Conc: N.D.



#14 AR-1232-4

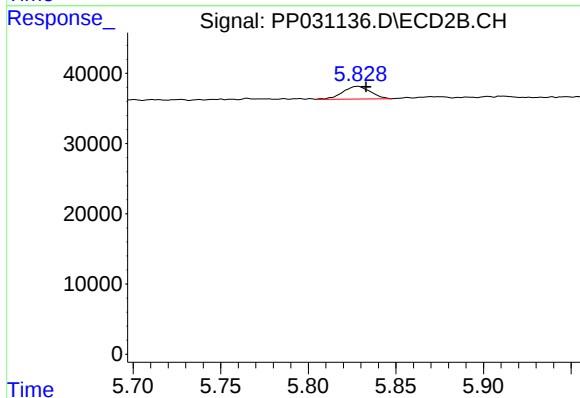
R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 4038
Conc: 9.25 ng/ml



#15 AR-1232-5

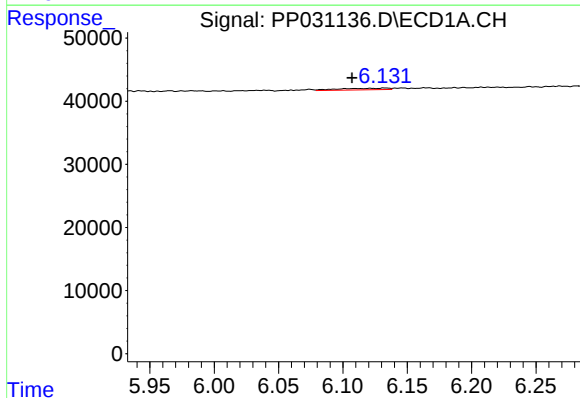
R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 32836
Conc: 94.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



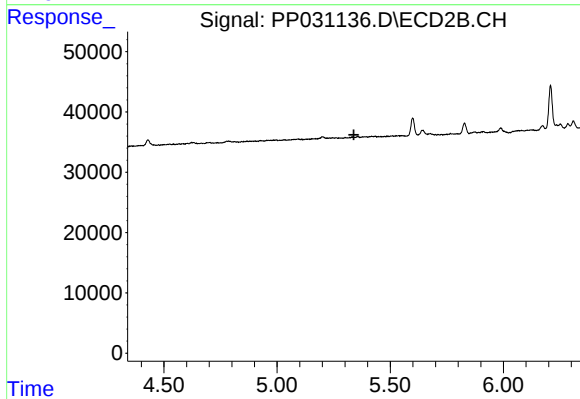
#15 AR-1232-5

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 19587
Conc: 40.56 ng/ml



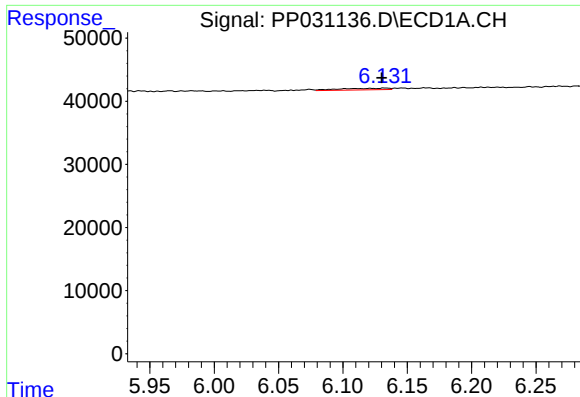
#16 AR-1242-1

R.T.: 6.133 min
Delta R.T.: 0.026 min
Response: 6445
Conc: 4.80 ng/ml



#16 AR-1242-1

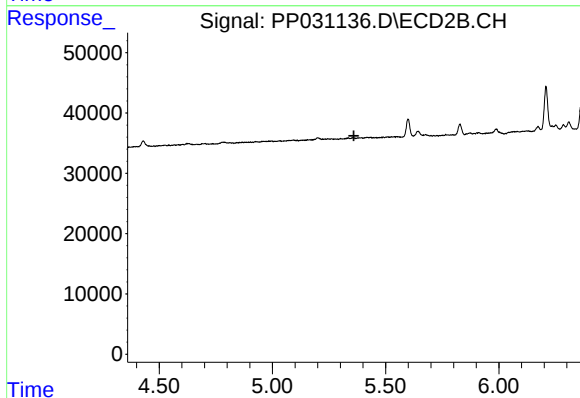
R.T.: 0.000 min
Exp R.T.: 5.339 min
Response: 0
Conc: N.D.



#17 AR-1242-2

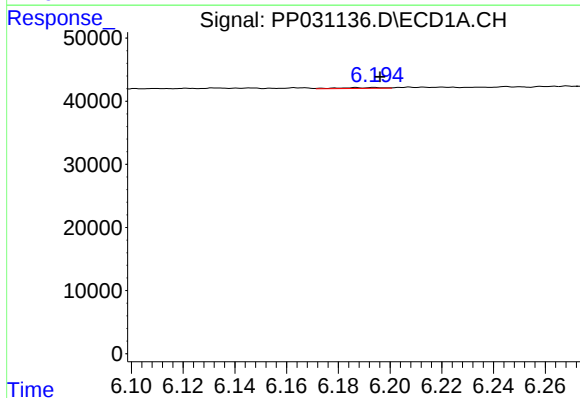
R.T.: 6.133 min
Delta R.T.: 0.002 min
Response: 6445
Conc: 3.30 ng/ml

Instrument :
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ClientSampleId :
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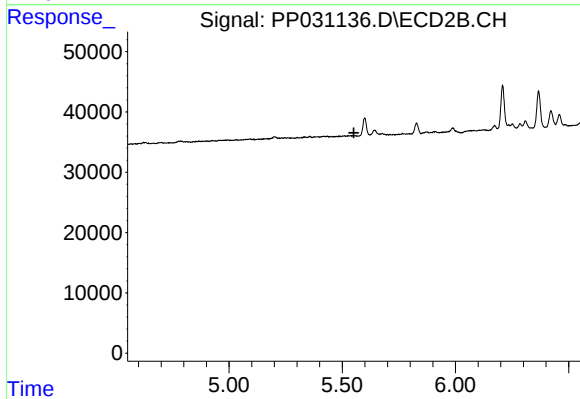
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.359 min
Response: 0
Conc: N.D.



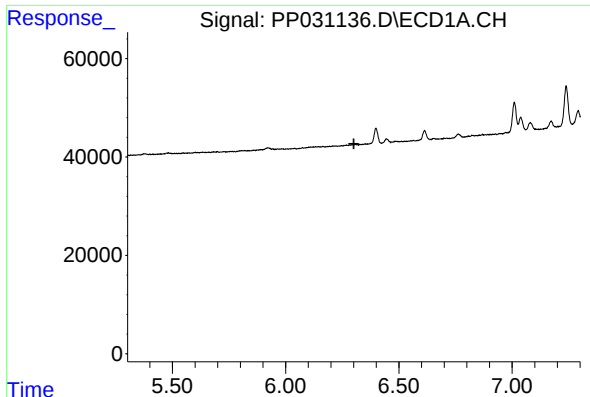
#18 AR-1242-3

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 1441
Conc: 1.18 ng/ml



#18 AR-1242-3

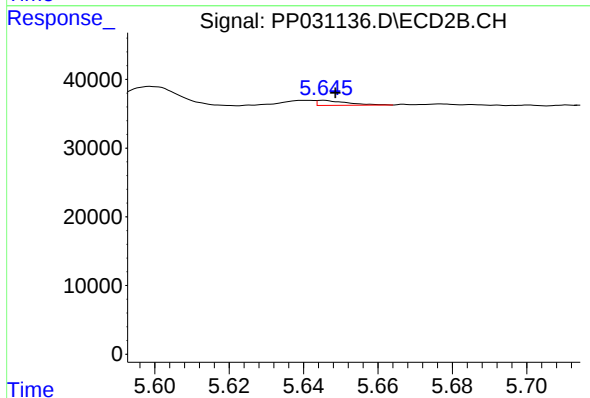
R.T.: 0.000 min
Exp R.T. : 5.552 min
Response: 0
Conc: N.D.



#19 AR-1242-4

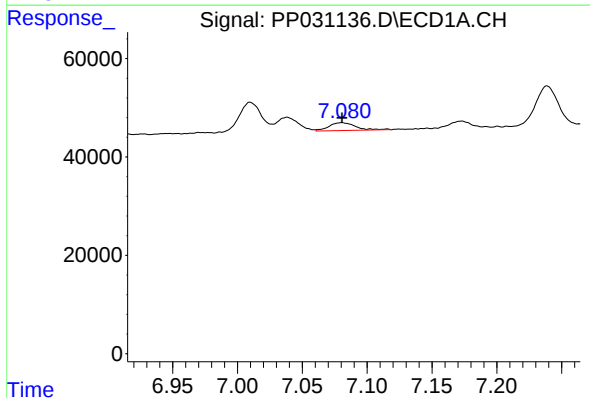
R.T.: 0.000 min
Exp R.T.: 6.301 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
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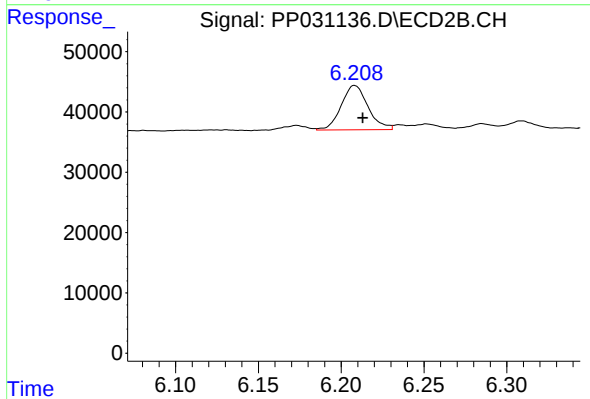
#19 AR-1242-4

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 4038
Conc: 4.66 ng/ml



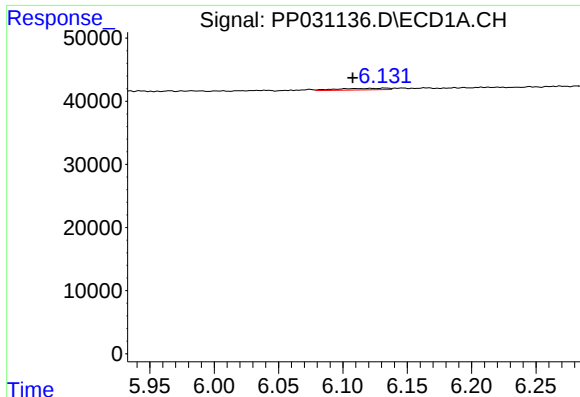
#20 AR-1242-5

R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 22841
Conc: 23.94 ng/ml



#20 AR-1242-5

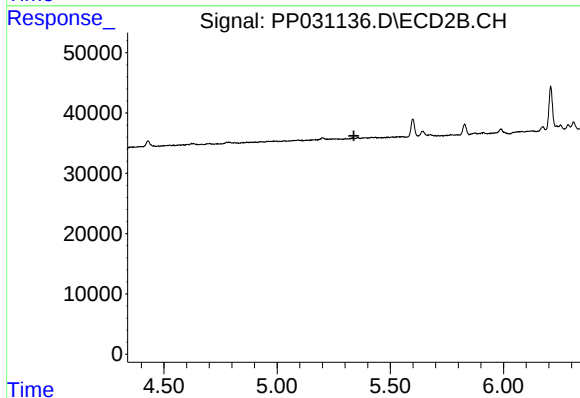
R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 82904
Conc: 83.28 ng/ml



#21 AR-1248-1

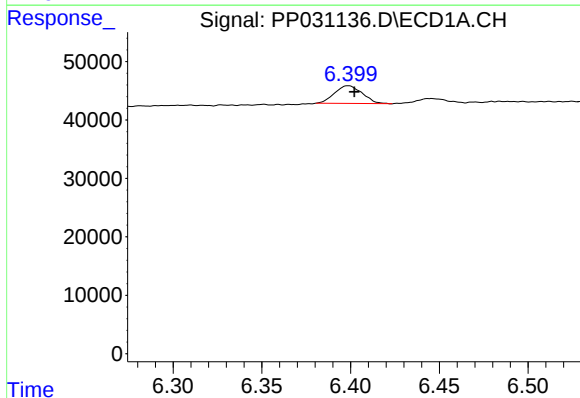
R.T.: 6.133 min
Delta R.T.: 0.025 min
Response: 6445
Conc: 6.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



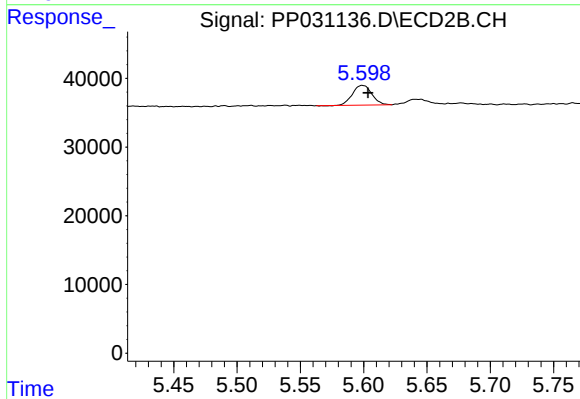
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.339 min
Response: 0
Conc: N.D.



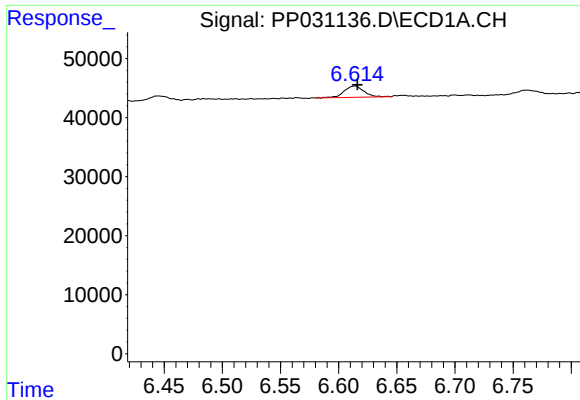
#22 AR-1248-2

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 32836
Conc: 28.39 ng/ml



#22 AR-1248-2

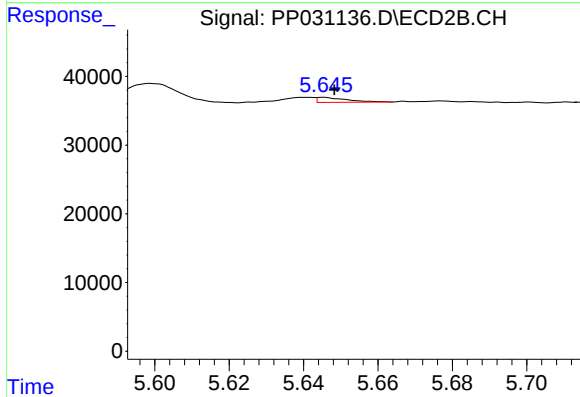
R.T.: 5.599 min
Delta R.T.: -0.005 min
Response: 30633
Conc: 27.79 ng/ml



#23 AR-1248-3

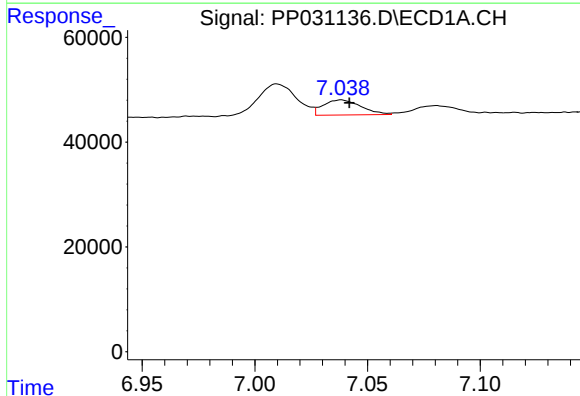
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 22454
Conc: 15.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



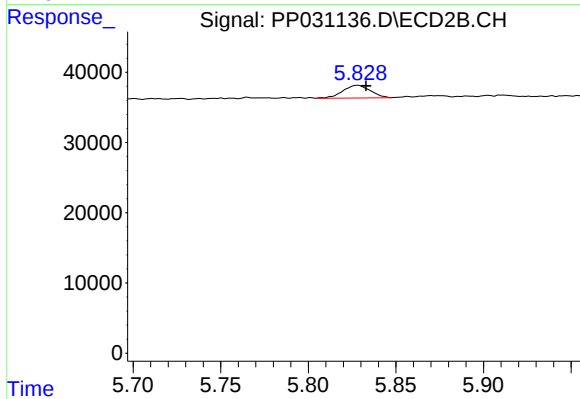
#23 AR-1248-3

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 4038
Conc: 3.34 ng/ml



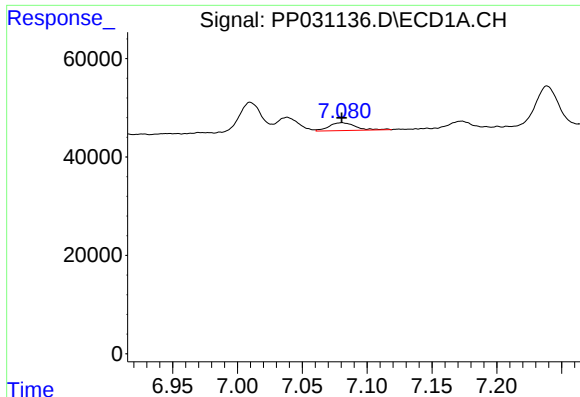
#24 AR-1248-4

R.T.: 7.038 min
Delta R.T.: -0.004 min
Response: 33821
Conc: 22.19 ng/ml



#24 AR-1248-4

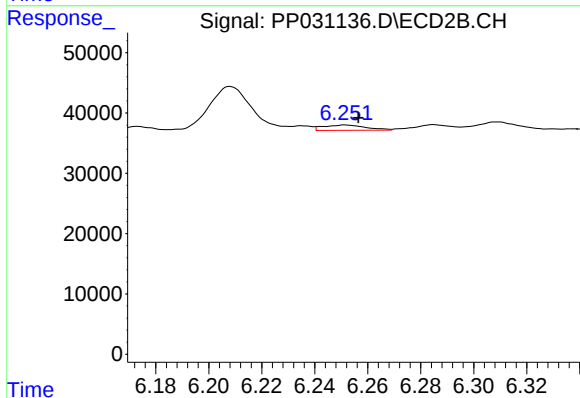
R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 19587
Conc: 13.27 ng/ml



#25 AR-1248-5

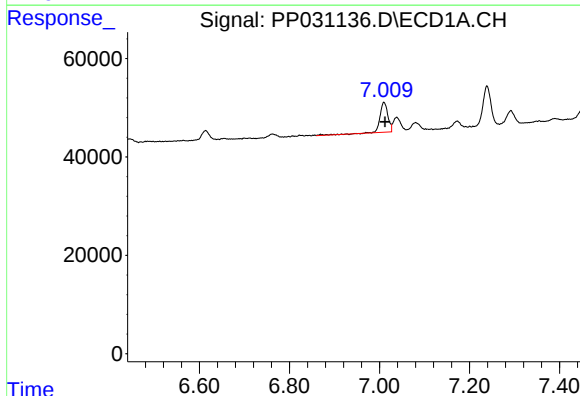
R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 22841
Conc: 15.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



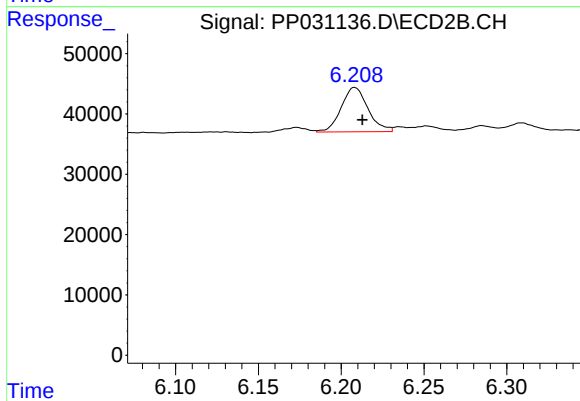
#25 AR-1248-5

R.T.: 6.251 min
Delta R.T.: -0.005 min
Response: 9862
Conc: 7.81 ng/ml



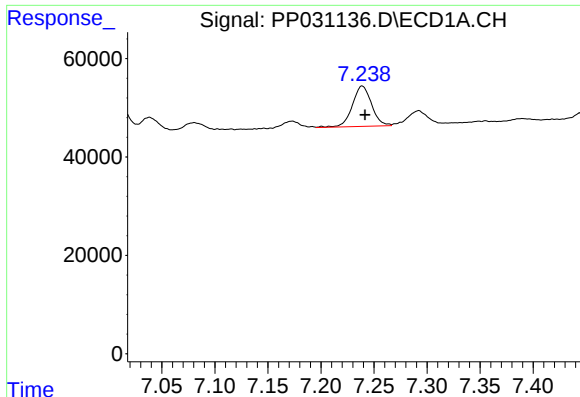
#26 AR-1254-1

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 73838
Conc: 52.59 ng/ml



#26 AR-1254-1

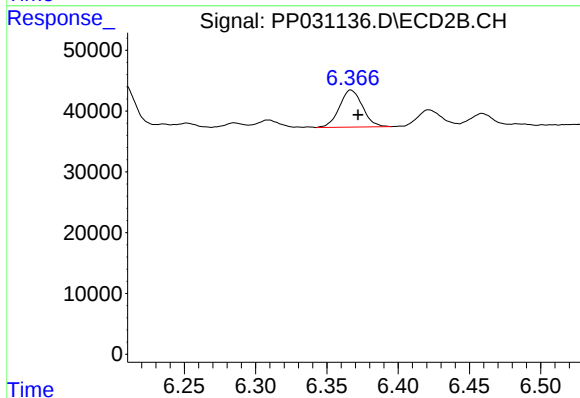
R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 82904
Conc: 42.15 ng/ml



#27 AR-1254-2

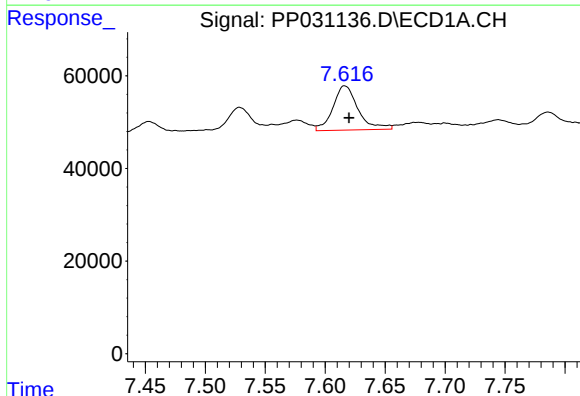
R.T.: 7.239 min
Delta R.T.: -0.003 min
Response: 104256
Conc: 50.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



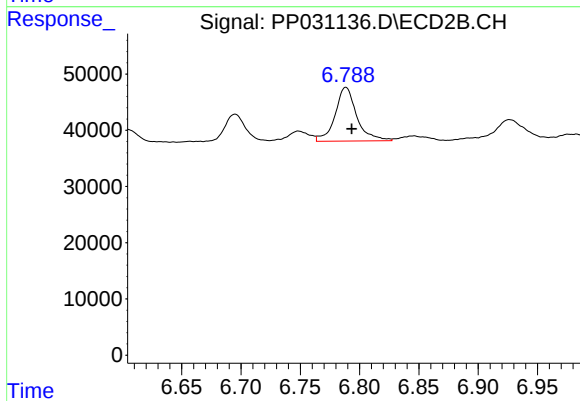
#27 AR-1254-2

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 68707
Conc: 41.81 ng/ml



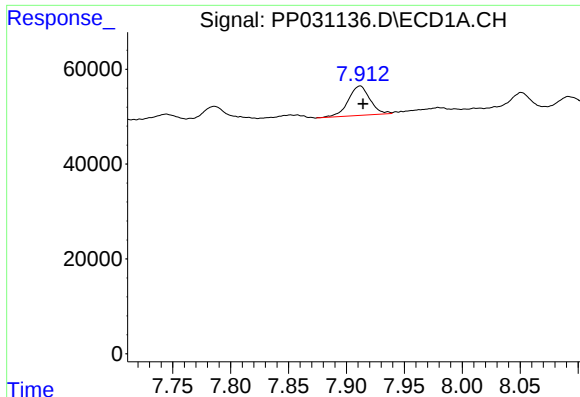
#28 AR-1254-3

R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 139259
Conc: 60.34 ng/ml



#28 AR-1254-3

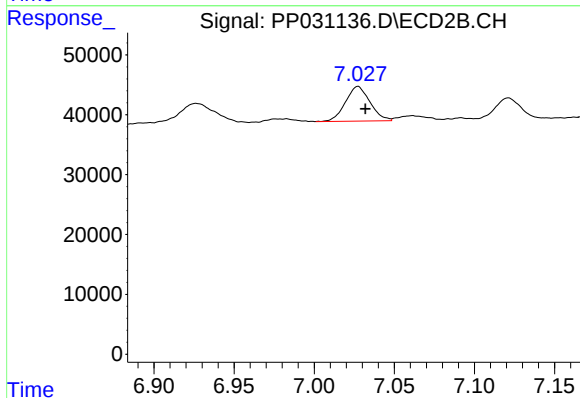
R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 121694
Conc: 44.44 ng/ml



#29 AR-1254-4

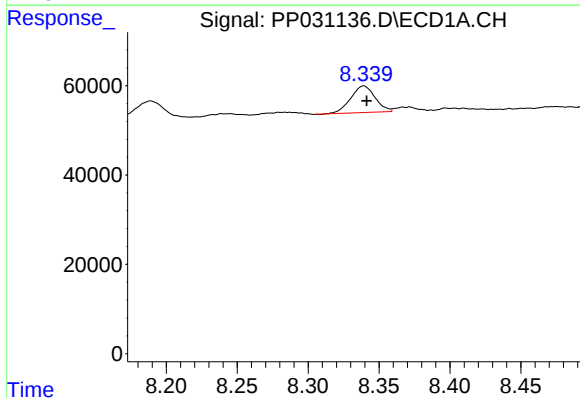
R.T.: 7.912 min
Delta R.T.: -0.003 min
Response: 80898
Conc: 49.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



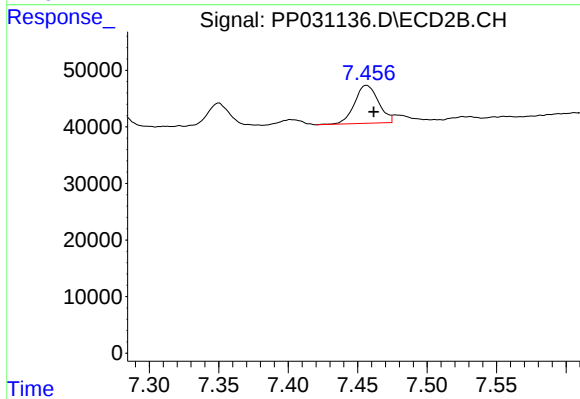
#29 AR-1254-4

R.T.: 7.027 min
Delta R.T.: -0.005 min
Response: 61787
Conc: 38.29 ng/ml



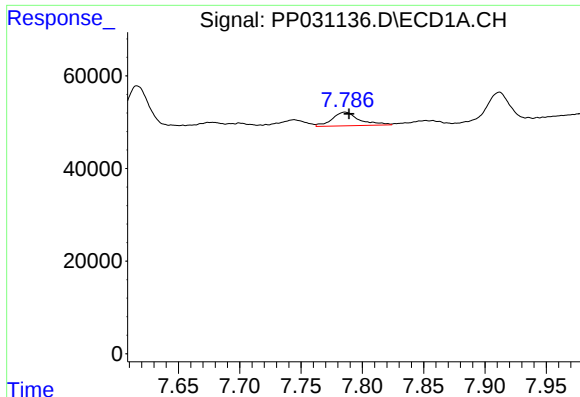
#30 AR-1254-5

R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 71819
Conc: 42.54 ng/ml



#30 AR-1254-5

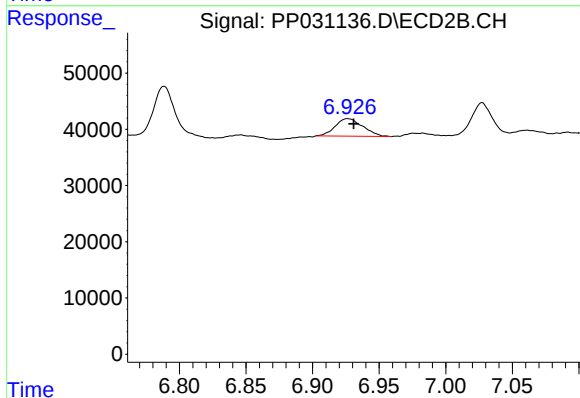
R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 80684
Conc: 36.85 ng/ml



#31 AR-1260-1

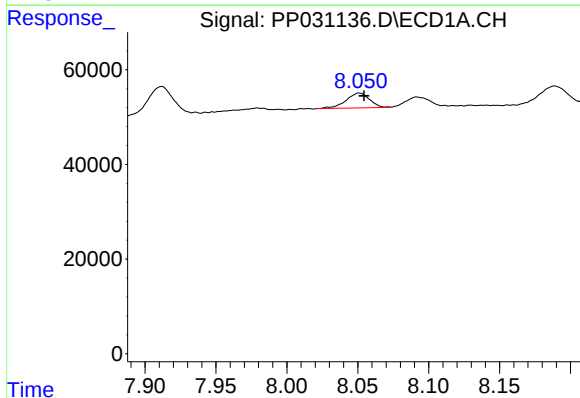
R.T.: 7.786 min
Delta R.T.: -0.003 min
Response: 45381
Conc: 24.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



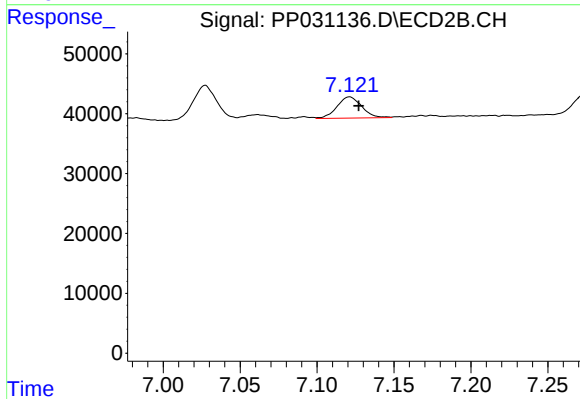
#31 AR-1260-1

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 45084
Conc: 22.49 ng/ml



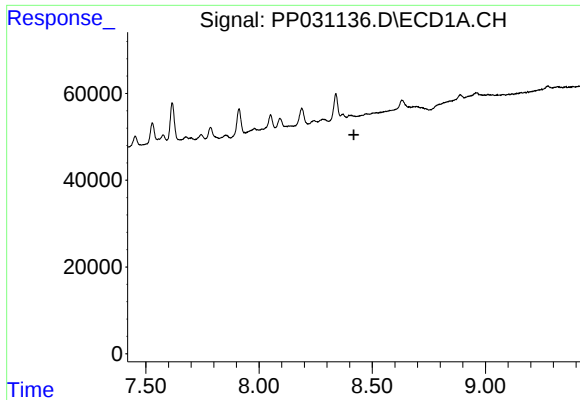
#32 AR-1260-2

R.T.: 8.051 min
Delta R.T.: -0.003 min
Response: 36335
Conc: 16.87 ng/ml



#32 AR-1260-2

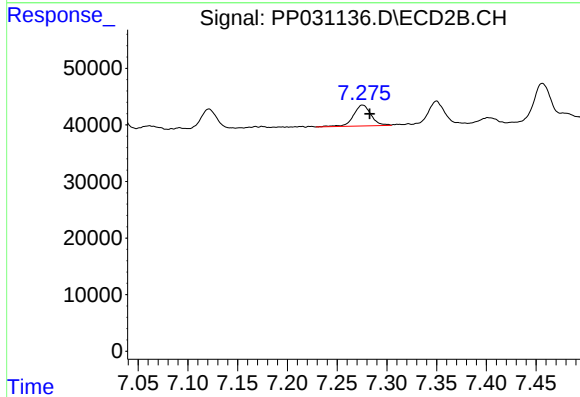
R.T.: 7.121 min
Delta R.T.: -0.006 min
Response: 39579
Conc: 16.90 ng/ml



#33 AR-1260-3

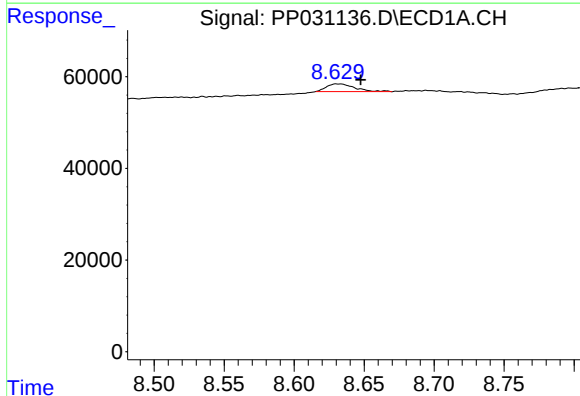
R.T.: 0.000 min
Exp R.T.: 8.419 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



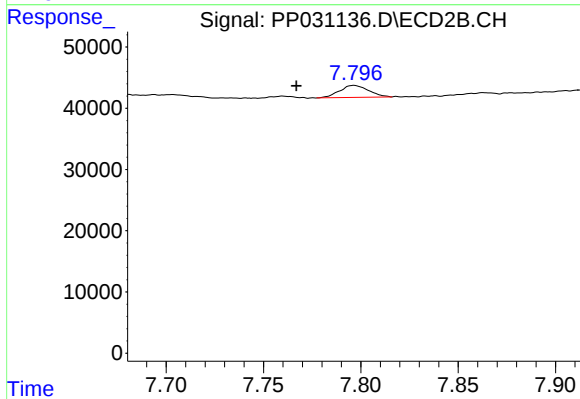
#33 AR-1260-3

R.T.: 7.275 min
Delta R.T.: -0.008 min
Response: 45310
Conc: 19.93 ng/ml



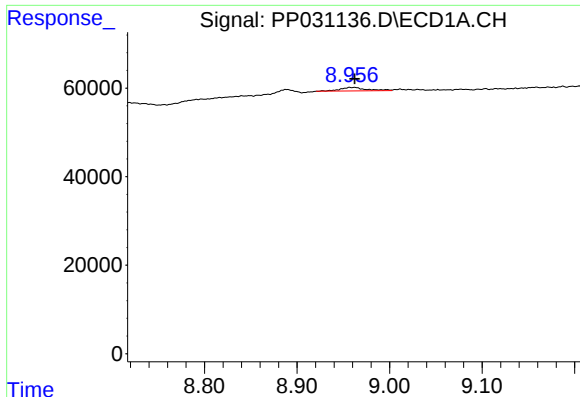
#34 AR-1260-4

R.T.: 8.632 min
Delta R.T.: -0.016 min
Response: 23732
Conc: 12.76 ng/ml



#34 AR-1260-4

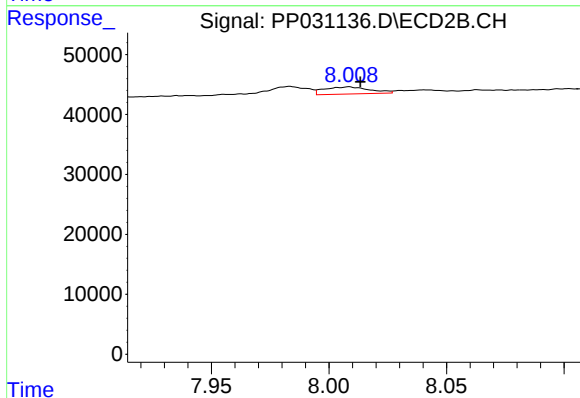
R.T.: 7.797 min
Delta R.T.: 0.030 min
Response: 20438
Conc: 11.20 ng/ml



#35 AR-1260-5

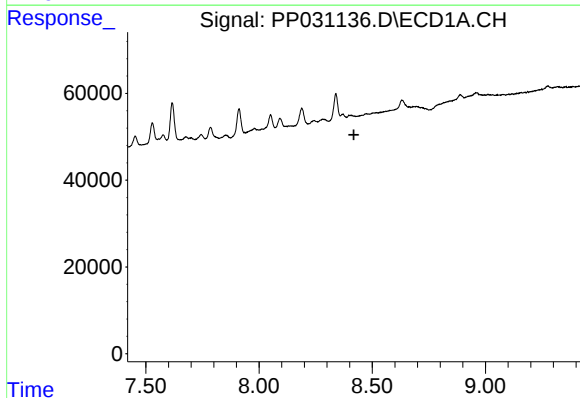
R.T.: 8.960 min
Delta R.T.: -0.002 min
Response: 15452
Conc: 4.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



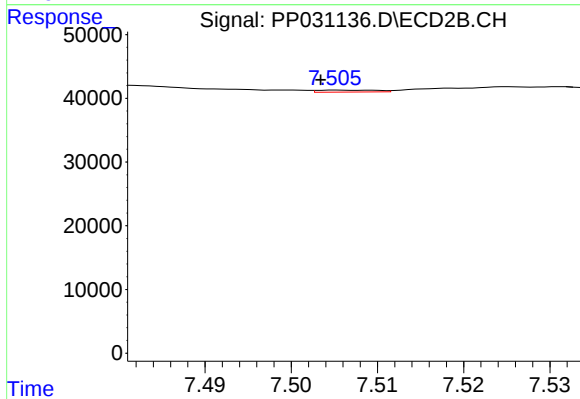
#35 AR-1260-5

R.T.: 8.009 min
Delta R.T.: -0.005 min
Response: 16025
Conc: 3.56 ng/ml



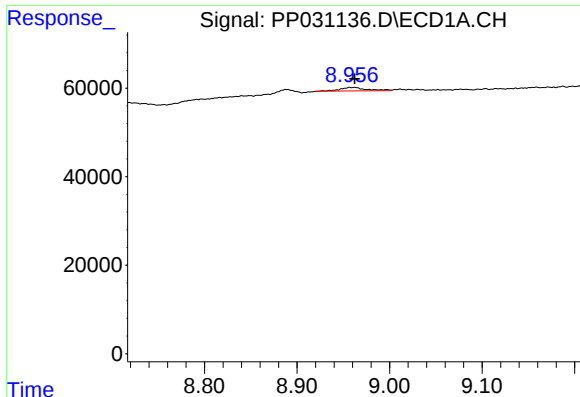
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.419 min
Response: 0
Conc: N.D.



#36 AR-1262-1

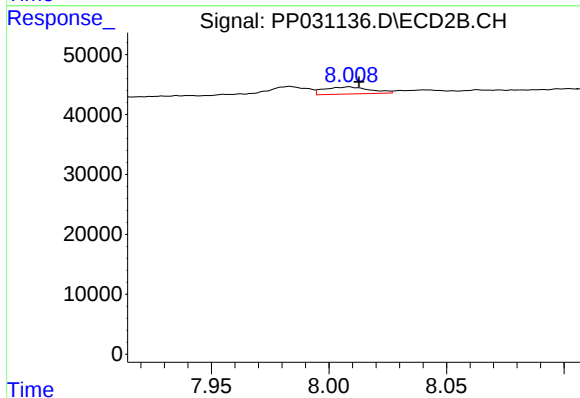
R.T.: 7.505 min
Delta R.T.: 0.002 min
Response: 1439
Conc: 0.62 ng/ml



#37 AR-1262-2

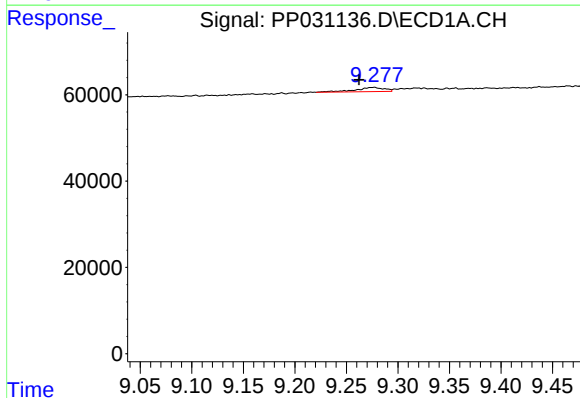
R.T.: 8.960 min
Delta R.T.: -0.002 min
Response: 15452
Conc: 4.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



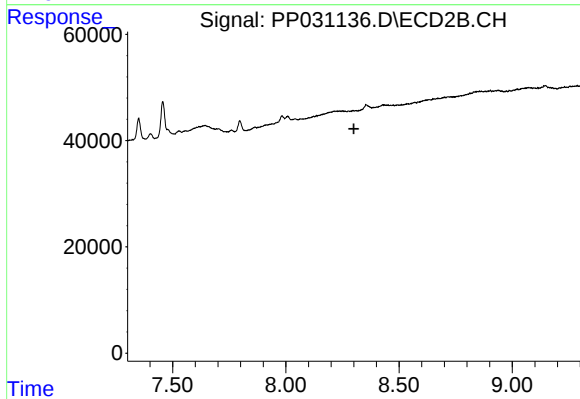
#37 AR-1262-2

R.T.: 8.009 min
Delta R.T.: -0.004 min
Response: 16025
Conc: 3.87 ng/ml



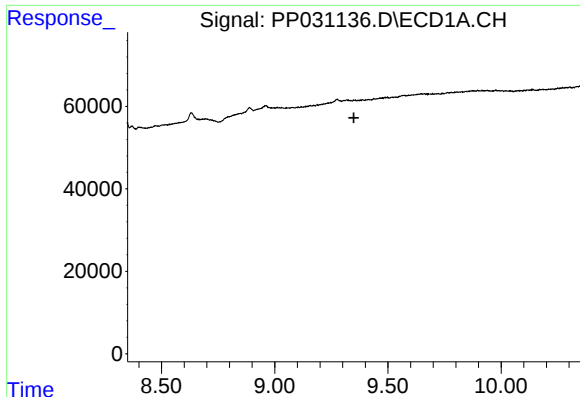
#38 AR-1262-3

R.T.: 9.276 min
Delta R.T.: 0.014 min
Response: 18462
Conc: 7.14 ng/ml



#38 AR-1262-3

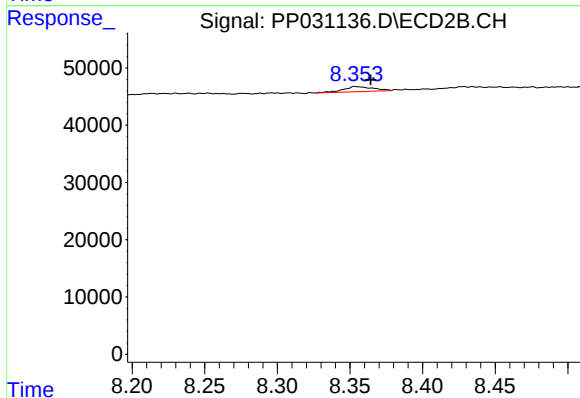
R.T.: 0.000 min
Exp R.T.: 8.301 min
Response: 0
Conc: N.D.



#39 AR-1262-4

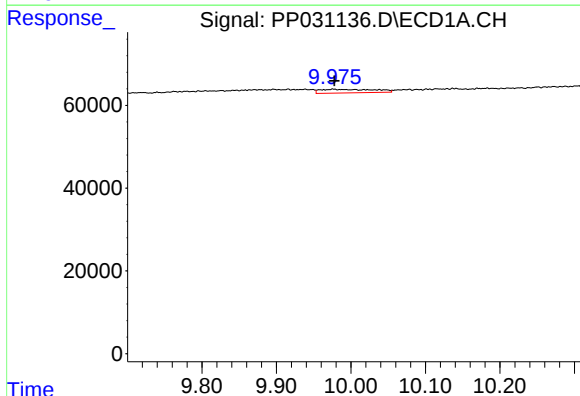
R.T.: 0.000 min
Exp R.T.: 9.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



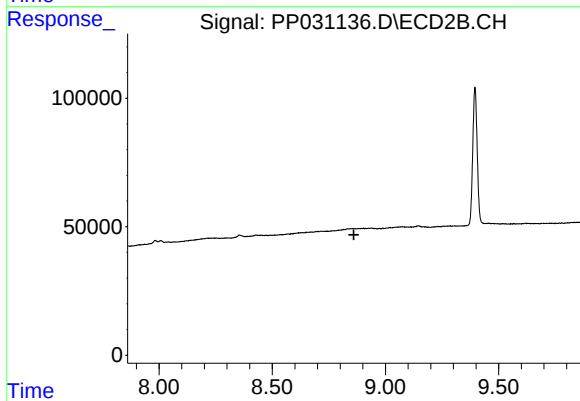
#39 AR-1262-4

R.T.: 8.353 min
Delta R.T.: -0.011 min
Response: 13051
Conc: 4.11 ng/ml



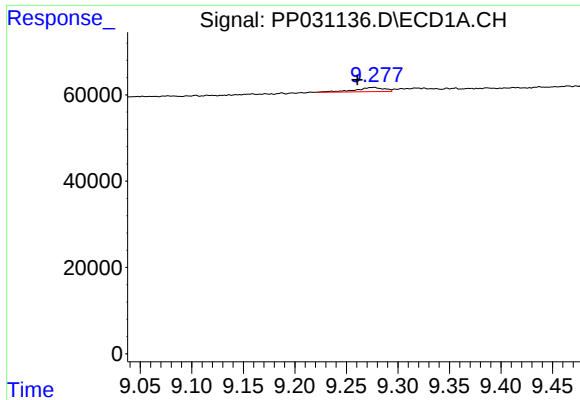
#40 AR-1262-5

R.T.: 9.977 min
Delta R.T.: -0.001 min
Response: 44028
Conc: 31.08 ng/ml



#40 AR-1262-5

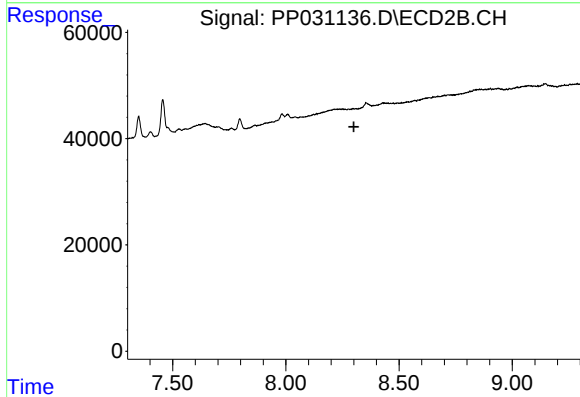
R.T.: 0.000 min
Exp R.T.: 8.861 min
Response: 0
Conc: N.D.



#41 AR-1268-1

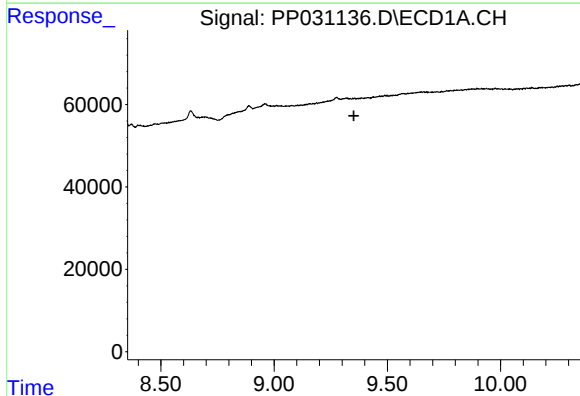
R.T.: 9.276 min
Delta R.T.: 0.015 min
Response: 18462
Conc: 4.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



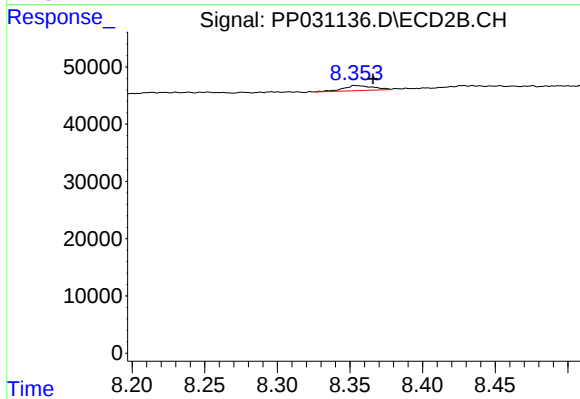
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.300 min
Response: 0
Conc: N.D.



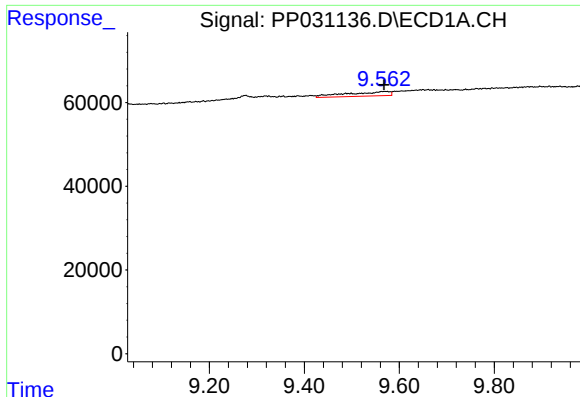
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.352 min
Response: 0
Conc: N.D.



#42 AR-1268-2

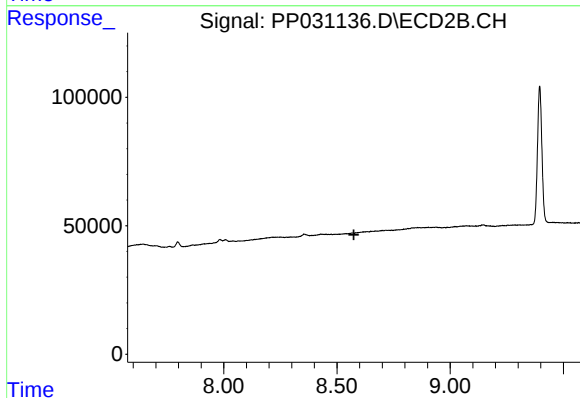
R.T.: 8.353 min
Delta R.T.: -0.013 min
Response: 13051
Conc: 2.74 ng/ml



#43 AR-1268-3

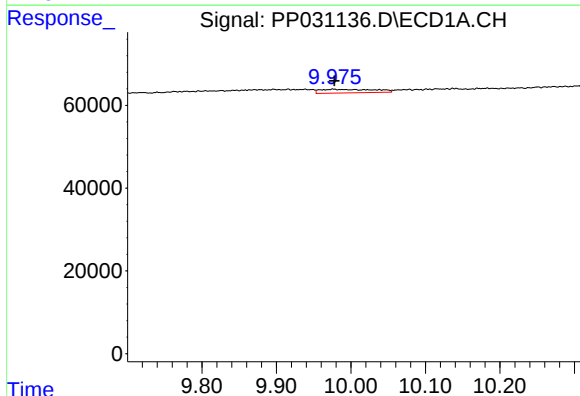
R.T.: 9.570 min
Delta R.T.: 0.003 min
Response: 65034
Conc: 17.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



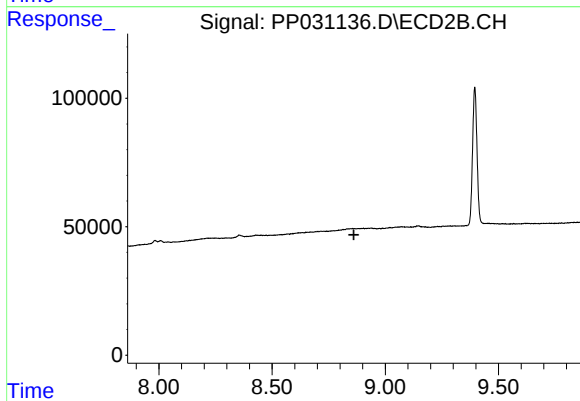
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.575 min
Response: 0
Conc: N.D.



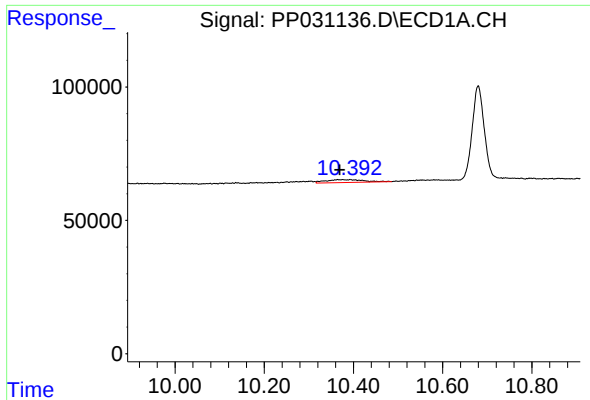
#44 AR-1268-4

R.T.: 9.977 min
Delta R.T.: -0.001 min
Response: 44028
Conc: 27.80 ng/ml



#44 AR-1268-4

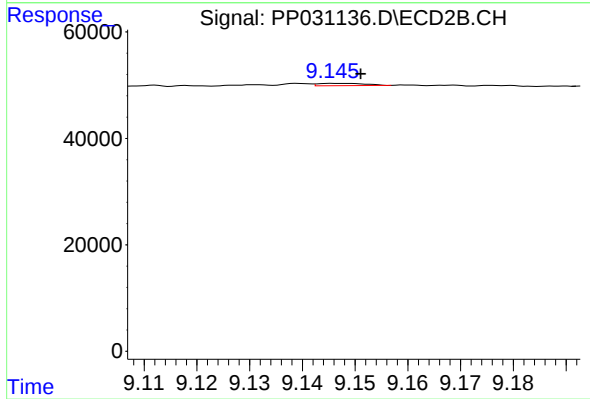
R.T.: 0.000 min
Exp R.T. : 8.862 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.393 min
Delta R.T.: 0.023 min
Response: 61229
Conc: 5.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



#45 AR-1268-5

R.T.: 9.146 min
Delta R.T.: -0.005 min
Response: 2692
Conc: 0.20 ng/ml