

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101019\
 Data File : PP030437.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 17:52
 Operator : DD\AJ
 Sample : K5111-01
 Misc : LOD 100 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 02:33:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100919.M
 Quant Title : 8080.M
 QLast Update : Thu Oct 10 09:35:34 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-CLPesticides-1 Signal #2 Phase: ZB-CLPesticides-2
 Signal #1 Info : 30M x 0.32mm x0.5 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							
4) S	2,4-DCAA	11.036	11.194	133.6E6	72015250	369.393	327.703
Target Compounds							
1) T	Dalapon	2.634	2.448	57169567	29487999	103.835	101.589
2) T	3,5-DICHL...	9.460	9.323	68465701	30110480	113.679	103.488
3) T	4-Nitroph...	10.611	10.363	41282432	8513501	99.977	75.595m
5) T	DICAMBA	11.343	11.484	166.9E6	90908426	112.829	106.200
6) T	MCPD	11.684	11.686	8488389	2394002	9.315m	5.623m#
7) T	MCPA	11.936	12.072	13001262	5630461	10.304	7.678m#
8) T	DICHLORPROP	12.536	12.604	43895334	23498554	122.680	113.047
9) T	2,4-D	12.896	13.094	48947764	25645923	123.040	110.431
10) T	Pentachlo...	13.248	13.639	627.9E6	358.3E6	110.213	107.201
11) T	2,4,5-TP ...	14.137	14.244	226.0E6	131.9E6	113.117	107.274
12) T	2,4,5-T	14.534	14.789	215.1E6	109.6E6	110.815	104.374
13) T	2,4-DB	15.277	15.472	28078010	15583930	110.302m	109.611
14) T	DINOSEB	16.732	15.870	109.6E6	60613474	99.212	95.059
15) T	Picloram	16.517	17.192	231.6E6	123.5E6	101.220	88.065
16) T	DCPA	17.085	17.081	280.1E6	170.6E6	106.515	106.595

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

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Sample : K5111-01
Misc : LOD 100 PPB
ALS Vial : 9 Sample Multiplier: 1

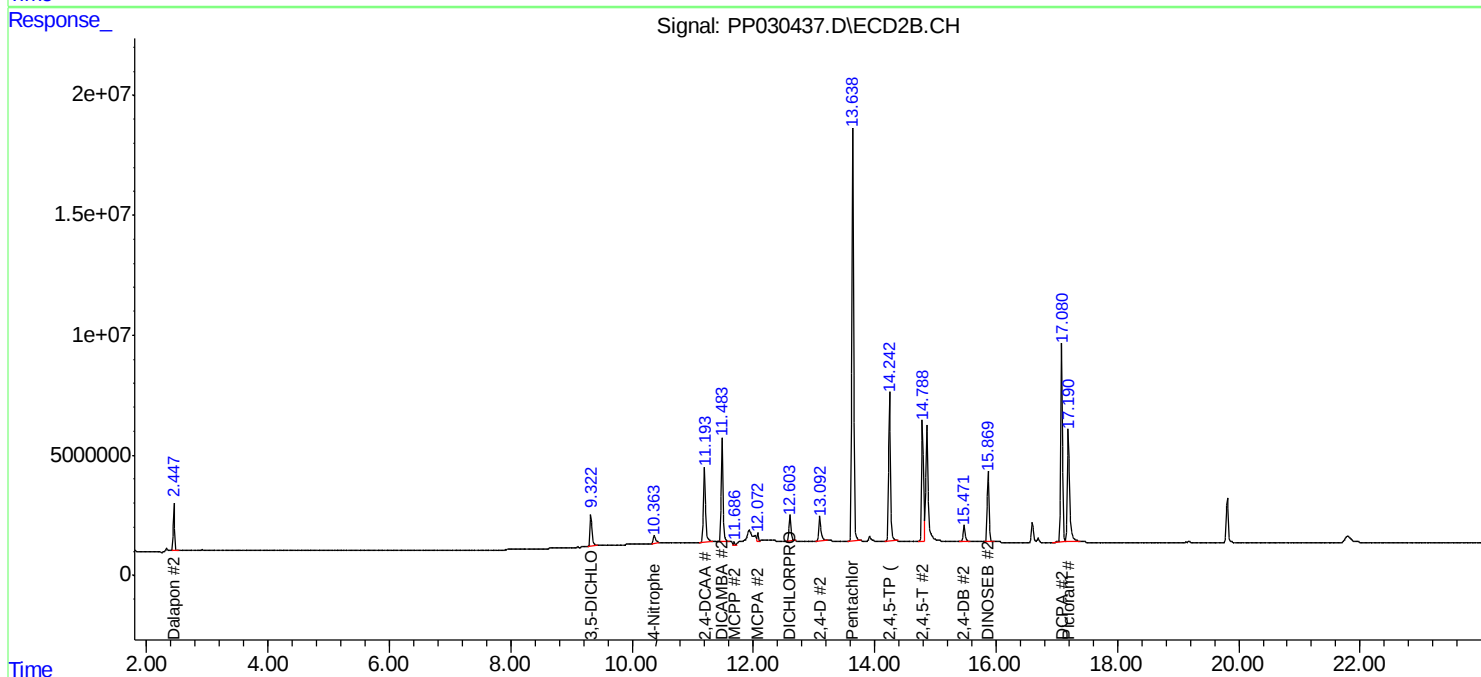
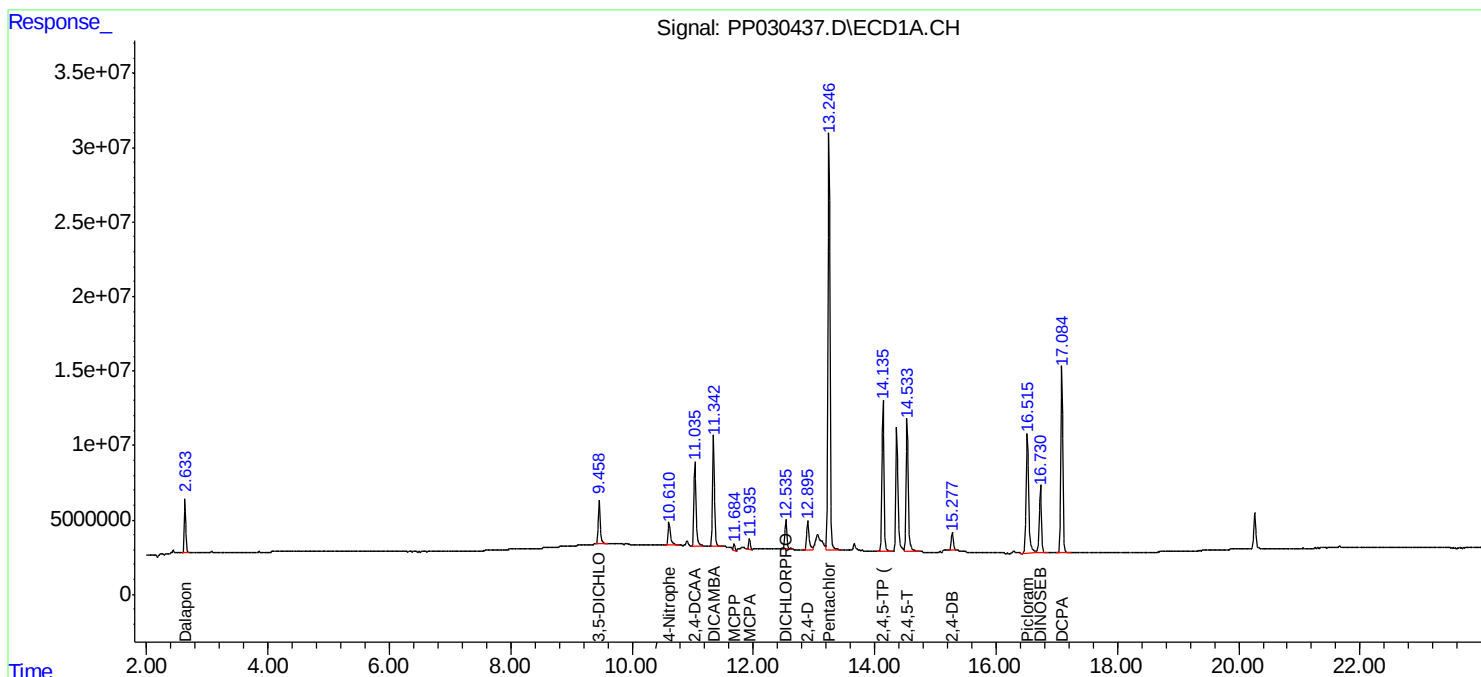
Instrument :
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LOD-MDL-SOIL-01-QT4-2019

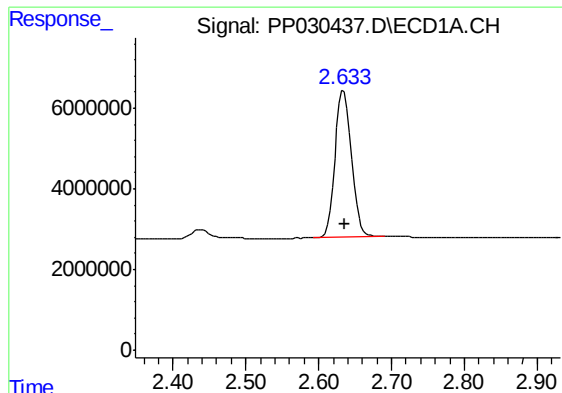
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Integration File signal 1: autoint1.e
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Quant Time: Oct 11 02:33:32 2019
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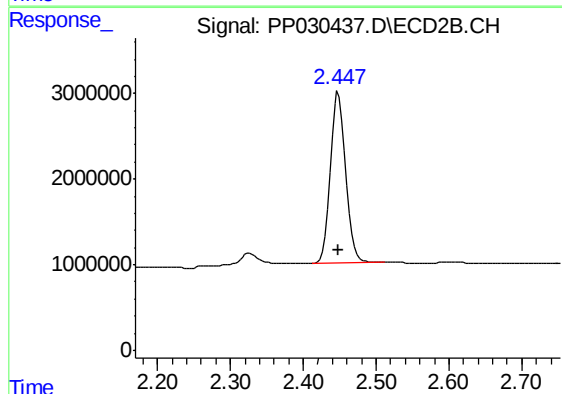
#1 Dalapon

R.T.: 2.634 min
Delta R.T.: 0.000 min
Response: 57169567
Conc: 103.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

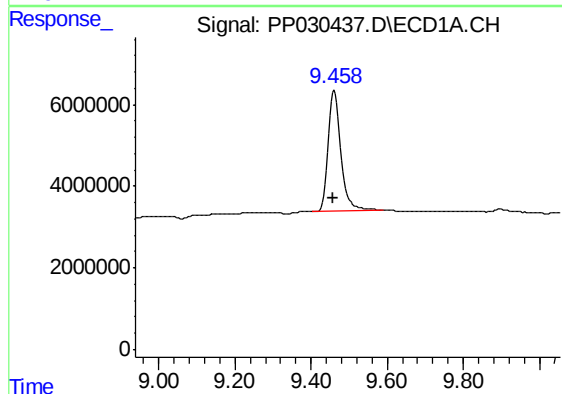
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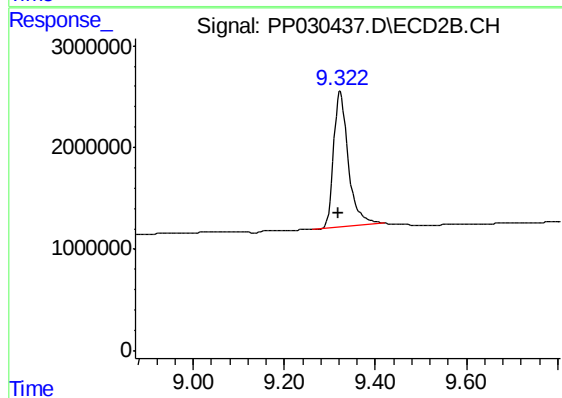
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 29487999
Conc: 101.59 ng/ml



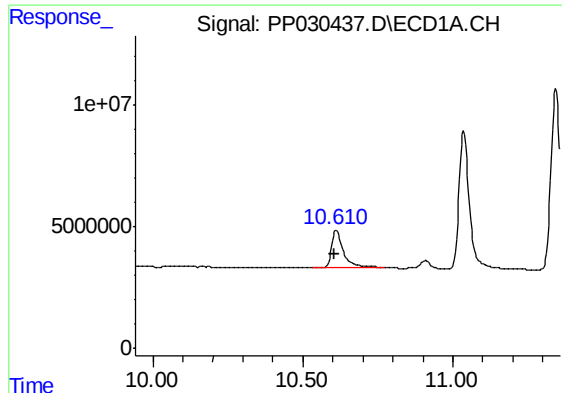
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.460 min
Delta R.T.: 0.002 min
Response: 68465701
Conc: 113.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.323 min
Delta R.T.: 0.004 min
Response: 30110480
Conc: 103.49 ng/ml



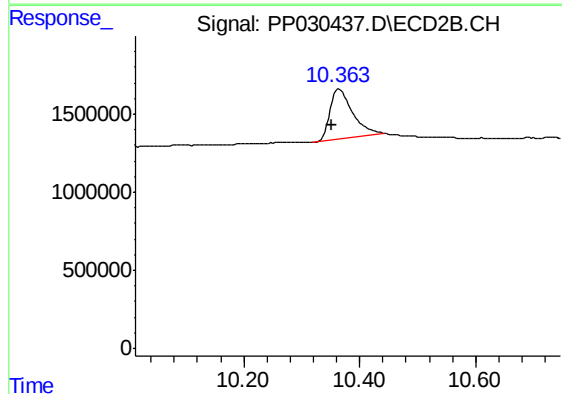
#3 4-Nitrophenol

R.T.: 10.611 min
Delta R.T.: 0.005 min
Response: 41282432
Conc: 99.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

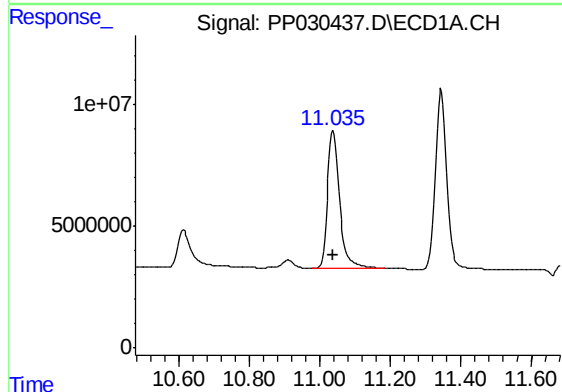
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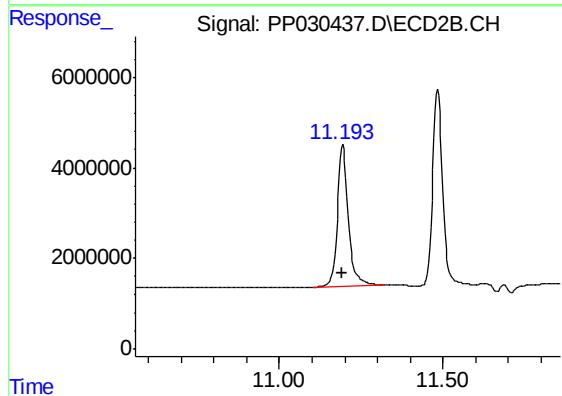
#3 4-Nitrophenol

R.T.: 10.363 min
Delta R.T.: 0.012 min
Response: 8513501
Conc: 75.60 ng/ml m



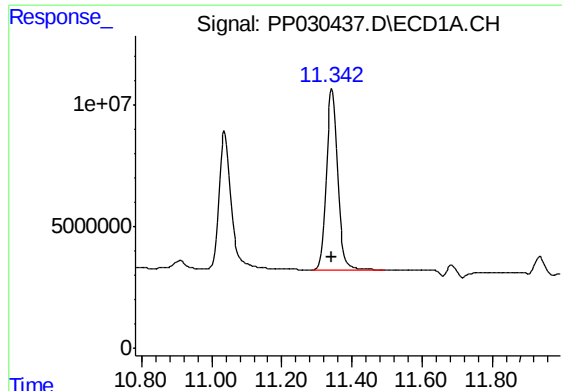
#4 2,4-DCAA

R.T.: 11.036 min
Delta R.T.: -0.001 min
Response: 133560633
Conc: 369.39 ng/ml



#4 2,4-DCAA

R.T.: 11.194 min
Delta R.T.: 0.000 min
Response: 72015250
Conc: 327.70 ng/ml



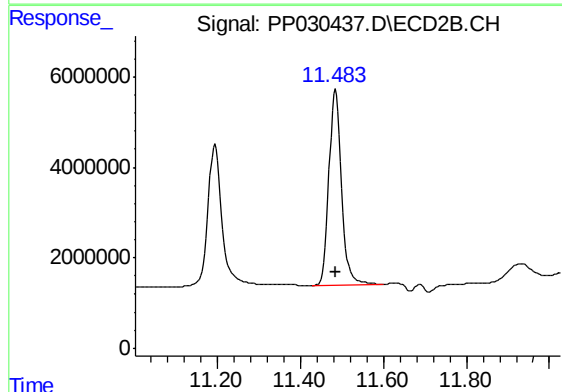
#5 DICAMBA

R.T.: 11.343 min
Delta R.T.: 0.000 min
Response: 166860220
Conc: 112.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

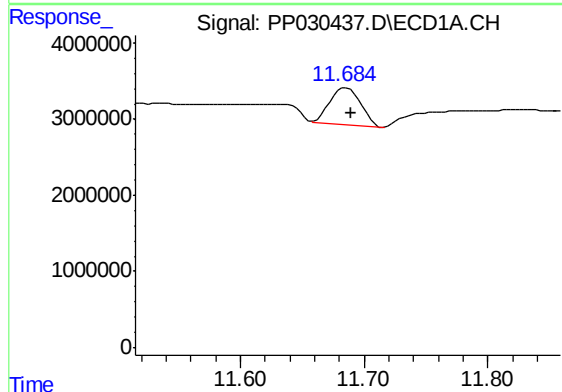
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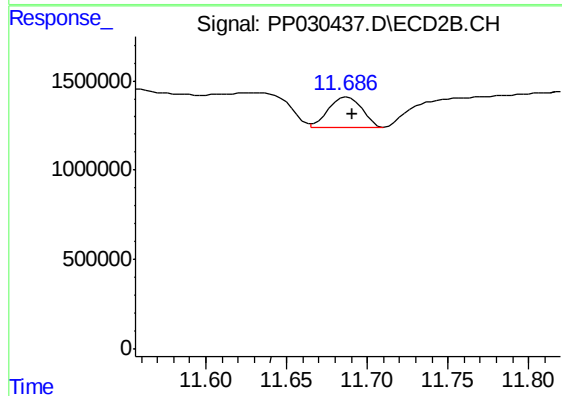
#5 DICAMBA

R.T.: 11.484 min
Delta R.T.: 0.000 min
Response: 90908426
Conc: 106.20 ng/ml



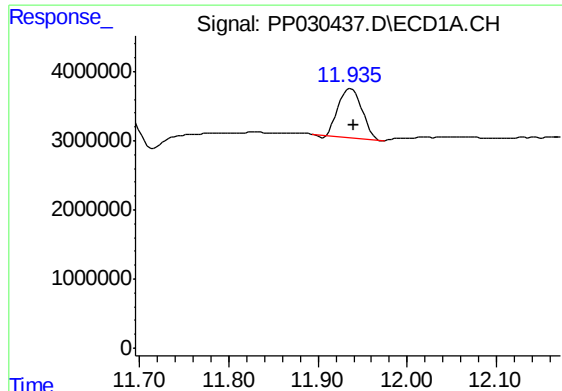
#6 MCPP

R.T.: 11.684 min
Delta R.T.: -0.005 min
Response: 8488389
Conc: 9.32 ug/ml m



#6 MCPP

R.T.: 11.686 min
Delta R.T.: -0.005 min
Response: 2394002
Conc: 5.62 ug/ml m



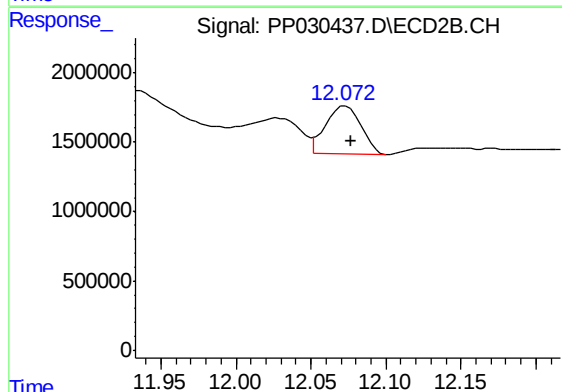
#7 MCPA

R.T.: 11.936 min
Delta R.T.: -0.004 min
Response: 13001262
Conc: 10.30 ug/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

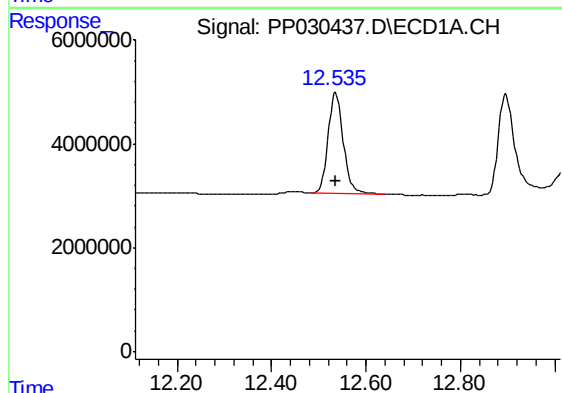
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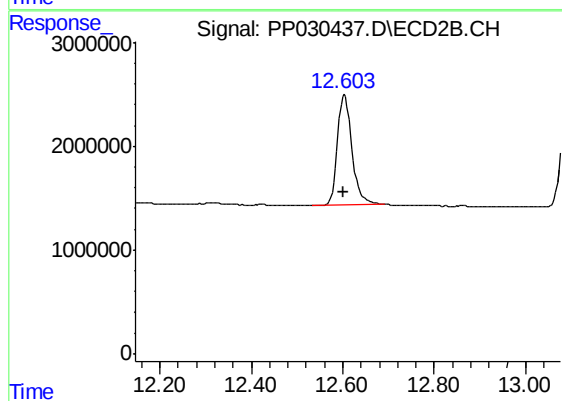
#7 MCPA

R.T.: 12.072 min
Delta R.T.: -0.005 min
Response: 5630461
Conc: 7.68 ug/ml m



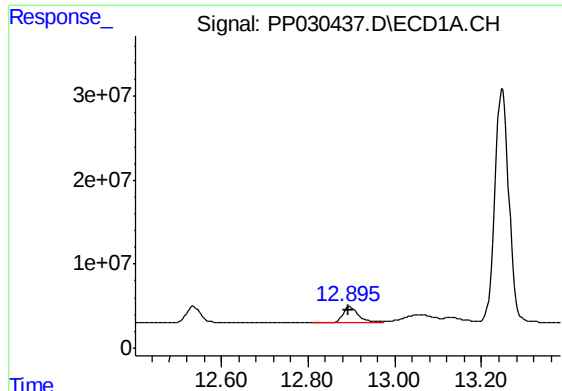
#8 DICHLORPROP

R.T.: 12.536 min
Delta R.T.: 0.000 min
Response: 43895334
Conc: 122.68 ng/ml



#8 DICHLORPROP

R.T.: 12.604 min
Delta R.T.: 0.002 min
Response: 23498554
Conc: 113.05 ng/ml



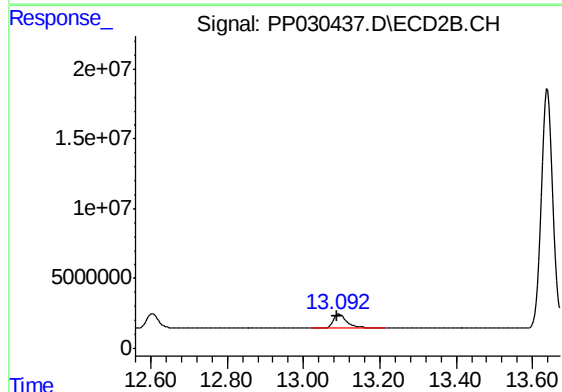
#9 2,4-D

R.T.: 12.896 min
Delta R.T.: 0.002 min
Response: 48947764
Conc: 123.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
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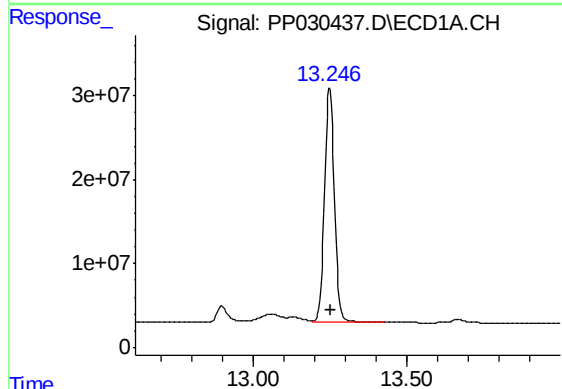
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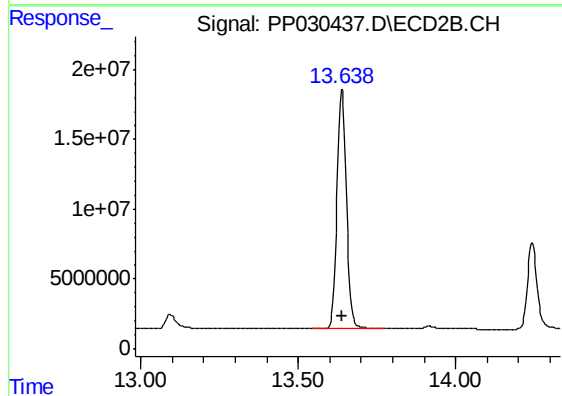
#9 2,4-D

R.T.: 13.094 min
Delta R.T.: 0.006 min
Response: 25645923
Conc: 110.43 ng/ml



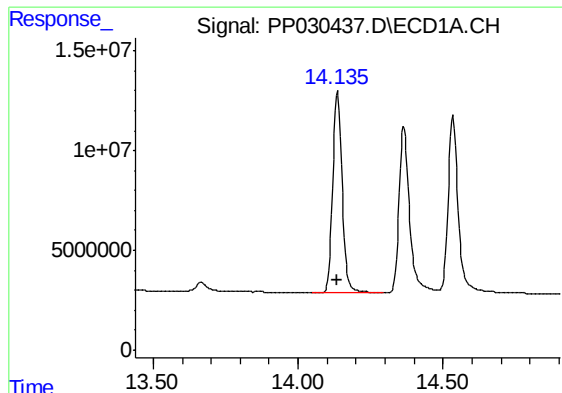
#10 Pentachlorophenol

R.T.: 13.248 min
Delta R.T.: 0.000 min
Response: 627921051
Conc: 110.21 ng/ml



#10 Pentachlorophenol

R.T.: 13.639 min
Delta R.T.: 0.000 min
Response: 358267287
Conc: 107.20 ng/ml



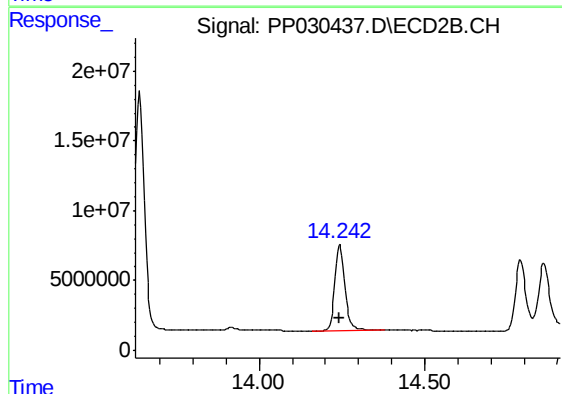
#11 2,4,5-TP (SILVEX)

R.T.: 14.137 min
Delta R.T.: 0.000 min
Response: 225985375
Conc: 113.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

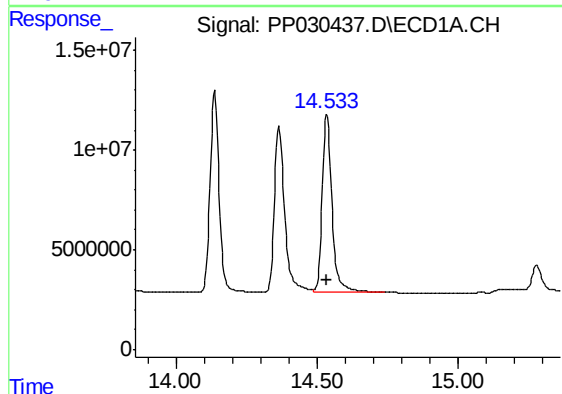
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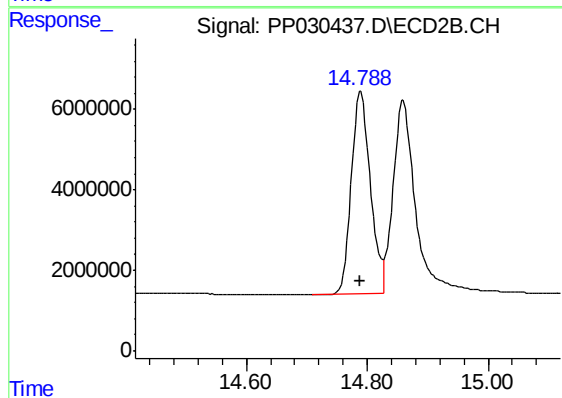
#11 2,4,5-TP (SILVEX)

R.T.: 14.244 min
Delta R.T.: 0.000 min
Response: 131871530
Conc: 107.27 ng/ml



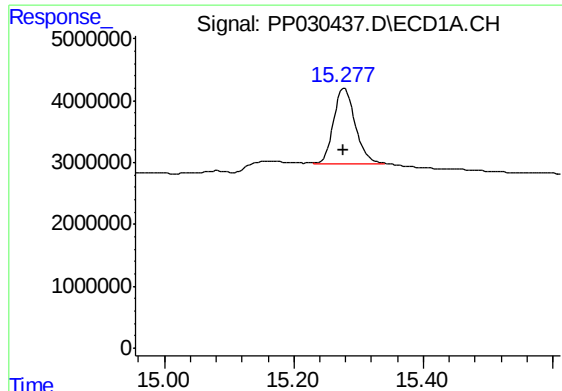
#12 2,4,5-T

R.T.: 14.534 min
Delta R.T.: 0.000 min
Response: 215101134
Conc: 110.82 ng/ml



#12 2,4,5-T

R.T.: 14.789 min
Delta R.T.: 0.002 min
Response: 109598975
Conc: 104.37 ng/ml



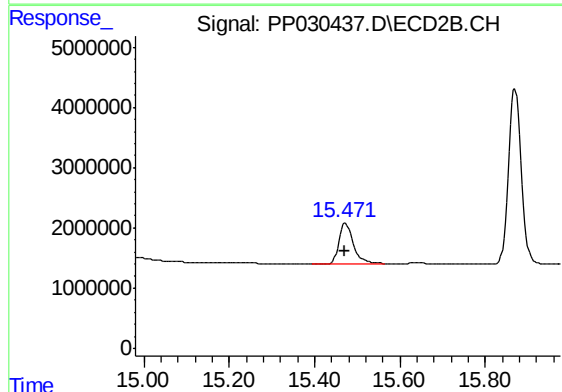
#13 2,4-DB

R.T.: 15.277 min
Delta R.T.: 0.000 min
Response: 28078010
Conc: 110.30 ng/ml m

Instrument :
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ClientSampleId :
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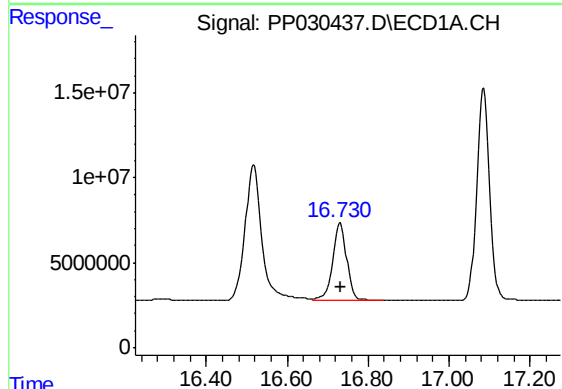
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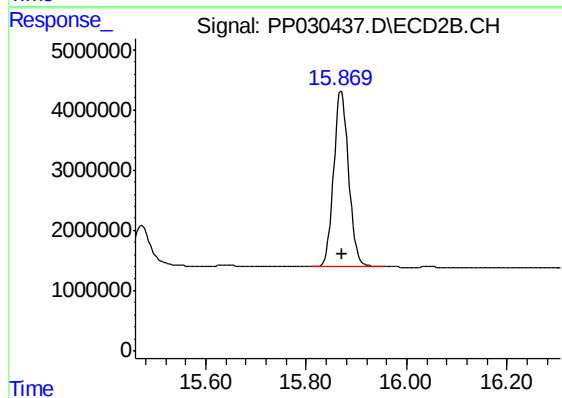
#13 2,4-DB

R.T.: 15.472 min
Delta R.T.: 0.003 min
Response: 15583930
Conc: 109.61 ng/ml



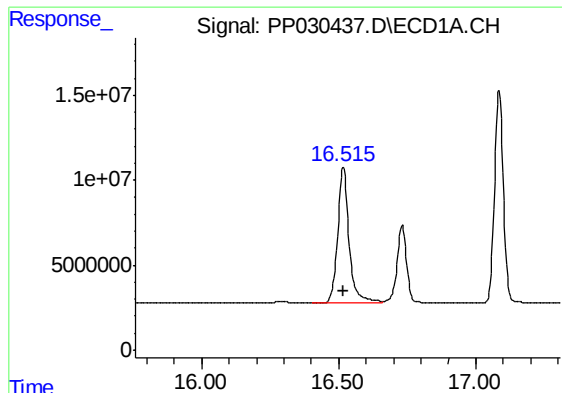
#14 DINOSEB

R.T.: 16.732 min
Delta R.T.: 0.000 min
Response: 109579731
Conc: 99.21 ng/ml



#14 DINOSEB

R.T.: 15.870 min
Delta R.T.: -0.001 min
Response: 60613474
Conc: 95.06 ng/ml



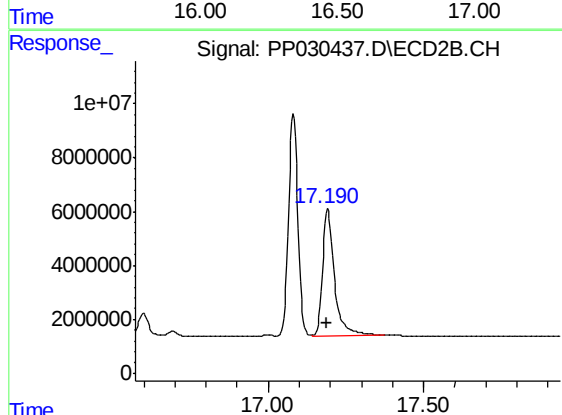
#15 Picloram

R.T.: 16.517 min
Delta R.T.: 0.001 min
Response: 231641283
Conc: 101.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
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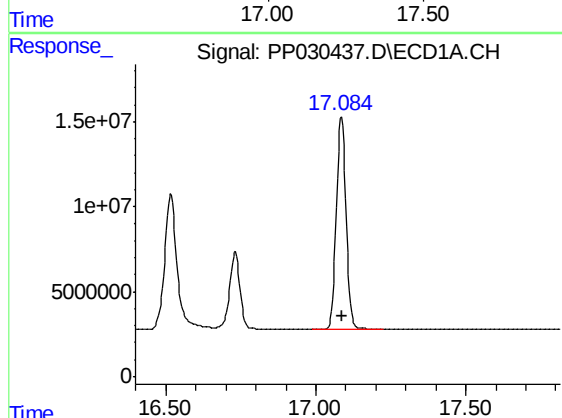
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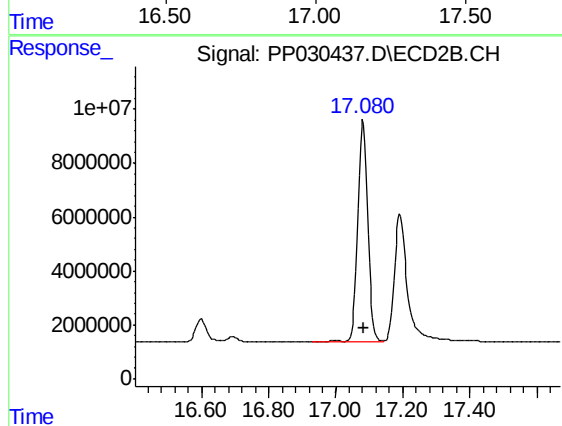
#15 Picloram

R.T.: 17.192 min
Delta R.T.: 0.002 min
Response: 123501508
Conc: 88.06 ng/ml



#16 DCPA

R.T.: 17.085 min
Delta R.T.: -0.001 min
Response: 280126644
Conc: 106.51 ng/ml



#16 DCPA

R.T.: 17.081 min
Delta R.T.: -0.002 min
Response: 170559345
Conc: 106.60 ng/ml