

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052319\
 Data File : PP030255.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 May 2019 12:25
 Operator : SM\MA
 Sample : K2241-03
 Misc : MDL 100 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 01:10:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052219.M
 Quant Title : 8080.M
 QLast Update : Thu May 23 06:31:56 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	12.816	12.903	392.2E6	290.0E6	337.001	294.726
Target Compounds							
1) T	Dalapon	3.400	3.122	92465046	71650502	95.529	96.187
2) T	3,5-DICHL...	11.175	10.959	200.2E6	127.3E6	100.876	95.591
3) T	4-Nitroph...	12.423	12.062	97241388	44607824	93.846	85.833
5) T	DICAMBA	13.155	13.224	520.8E6	375.8E6	97.952	93.532
6) T	MCPD	13.479	13.402	25294204	15536503	8.249	6.832
7) T	MCPA	13.739	13.802	34108885	26426135	8.186	7.850
8) T	DICHLORPROP	14.371	14.358	125.5E6	94417726	103.593	97.006
9) T	2,4-D	14.743	14.861	110.9E6	83317196	93.913	85.653
10) T	Pentachlo...	15.196	15.525	1968.9E6	1464.5E6	106.066	107.631
11) T	2,4,5-TP ...	16.045	16.069	644.1E6	501.9E6	97.416	95.152
12) T	2,4,5-T	16.457	16.745	425.9E6	454.0E6	83.377	93.209
13) T	2,4-DB	17.229	17.339	78095432	63336206	96.402	92.808
14) T	DINOSEB	18.796	17.778	142.7E6	92545615	65.731	59.296
15) T	Picloram	18.575	19.190	387.0E6	277.8E6	63.990	57.145
16) T	DCPA	19.152	19.055	708.3E6	593.8E6	92.748	98.523

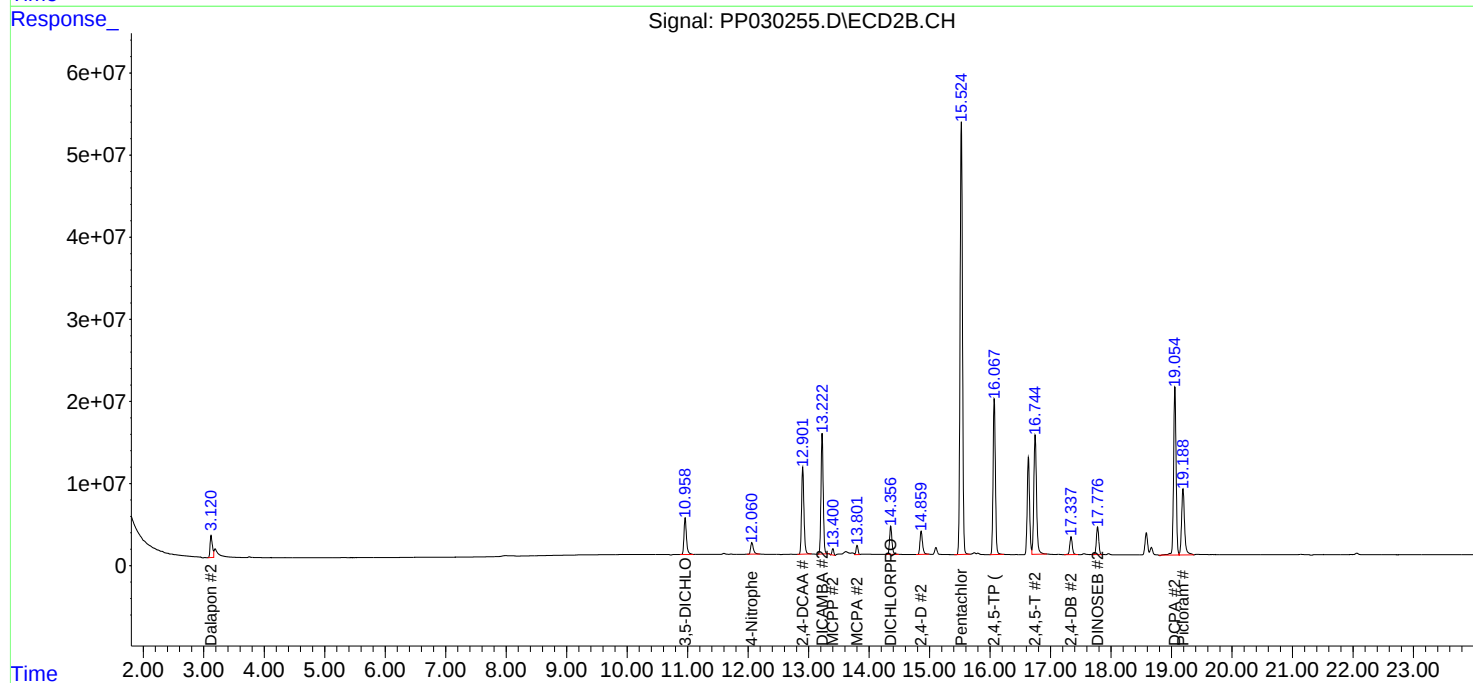
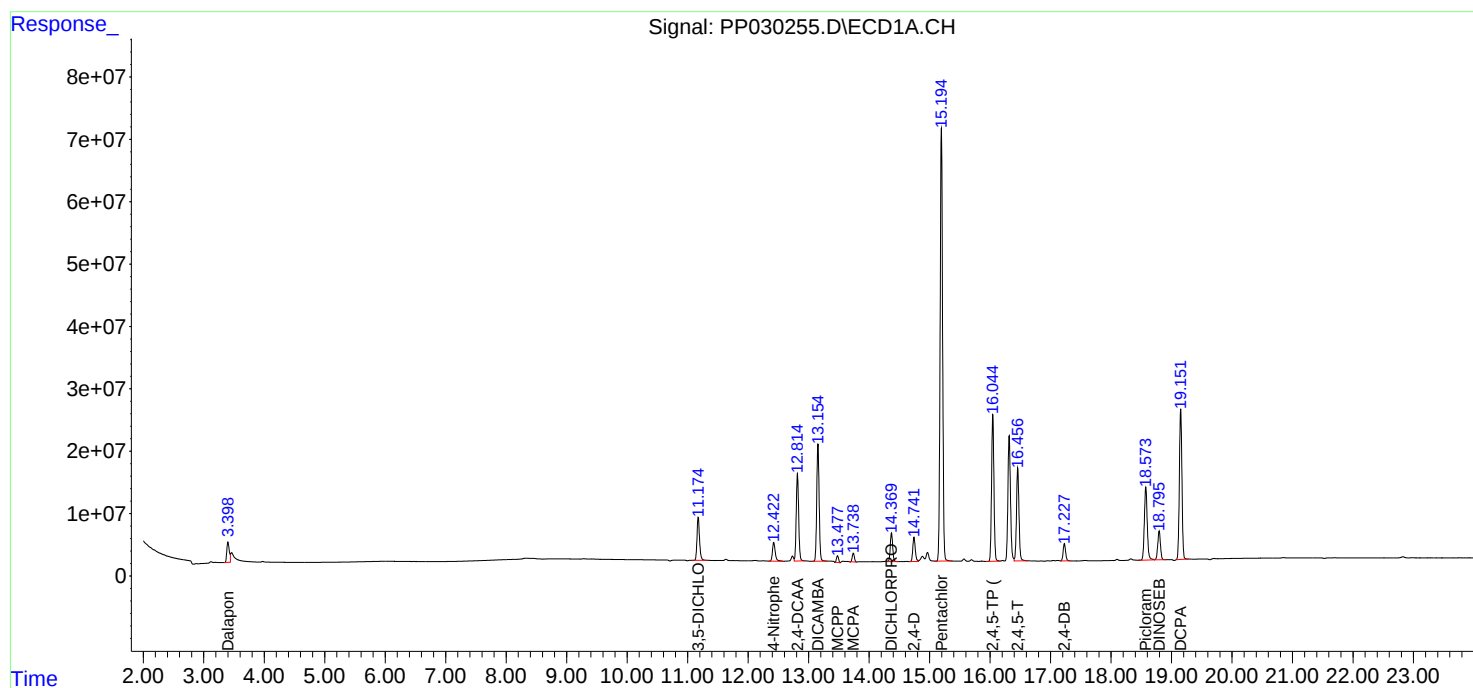
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

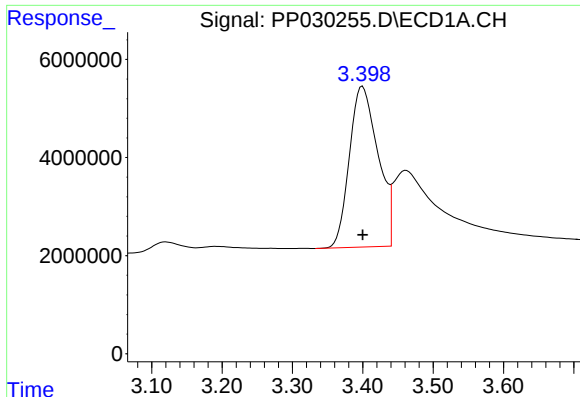
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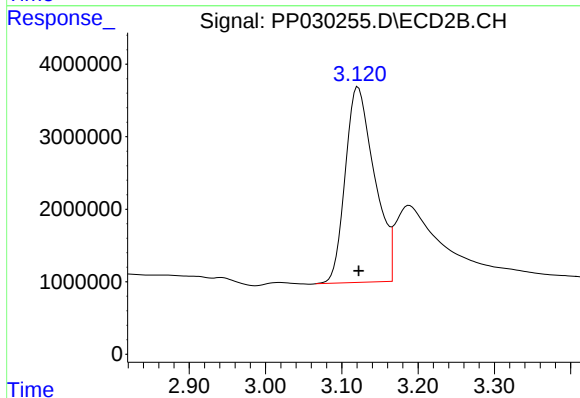




#1 Dalapon

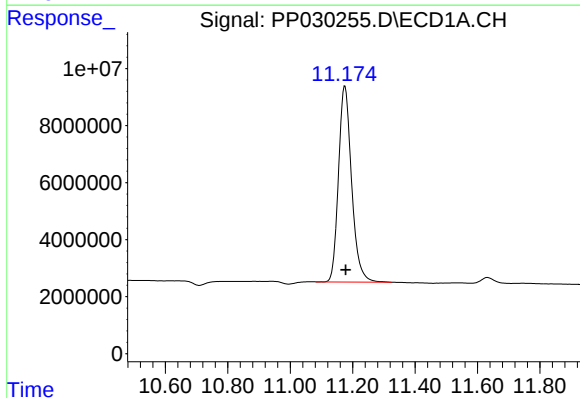
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 92465046
Conc: 95.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



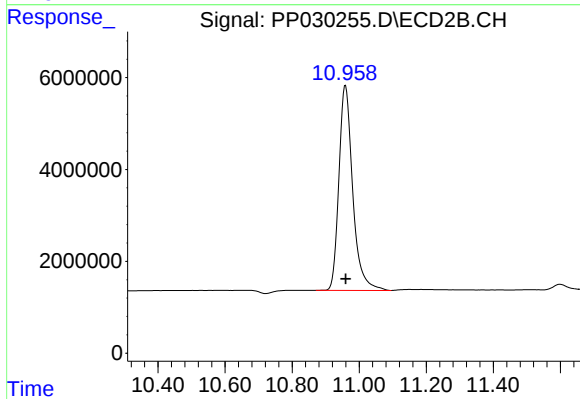
#1 Dalapon

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 71650502
Conc: 96.19 ng/ml



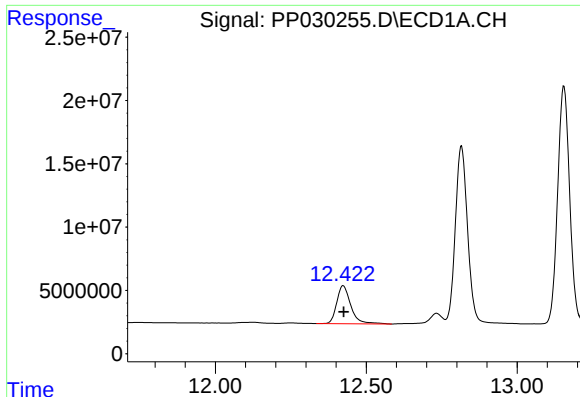
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 11.175 min
Delta R.T.: -0.003 min
Response: 200200156
Conc: 100.88 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

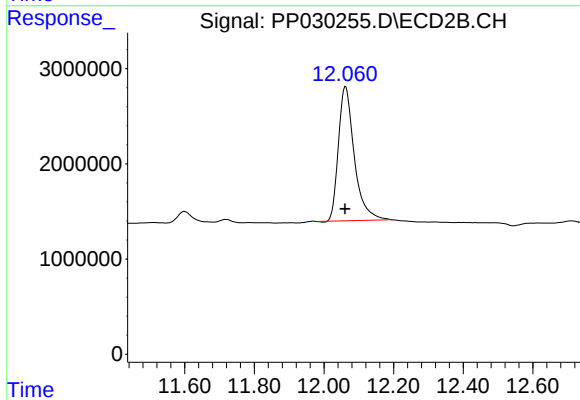
R.T.: 10.959 min
Delta R.T.: 0.000 min
Response: 127340975
Conc: 95.59 ng/ml



#3 4-Nitrophenol

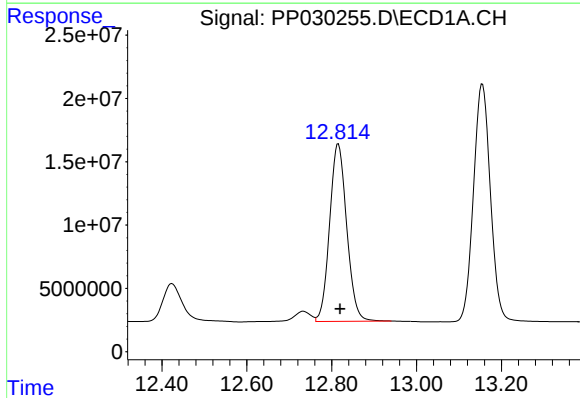
R.T.: 12.423 min
Delta R.T.: -0.002 min
Response: 97241388
Conc: 93.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



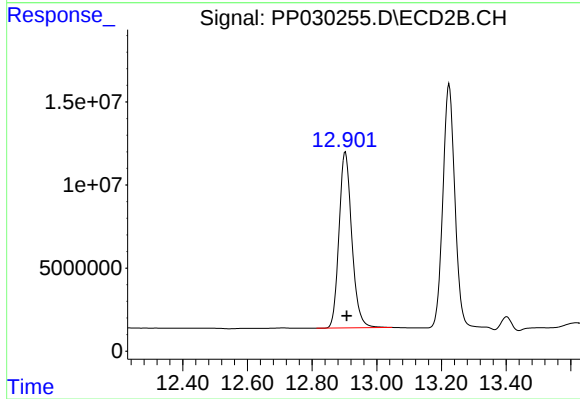
#3 4-Nitrophenol

R.T.: 12.062 min
Delta R.T.: 0.002 min
Response: 44607824
Conc: 85.83 ng/ml



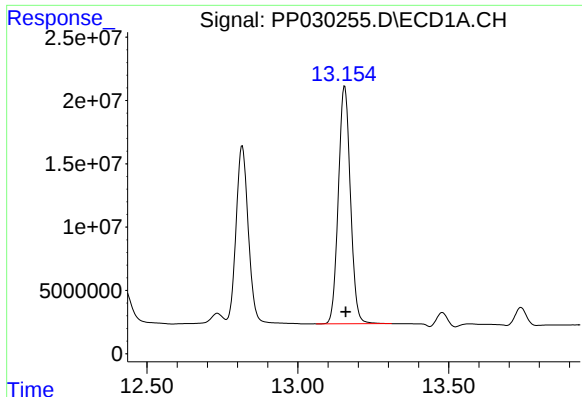
#4 2,4-DCAA

R.T.: 12.816 min
Delta R.T.: -0.004 min
Response: 392194647
Conc: 337.00 ng/ml



#4 2,4-DCAA

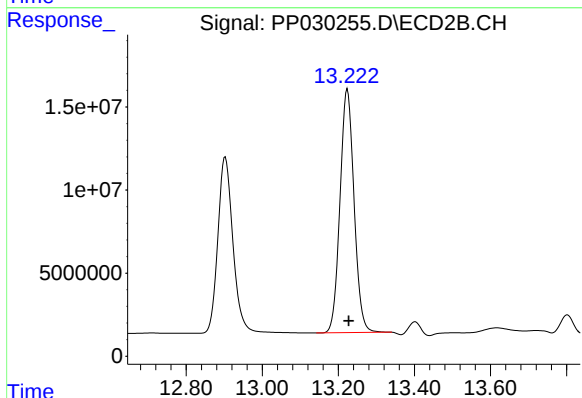
R.T.: 12.903 min
Delta R.T.: -0.005 min
Response: 290044722
Conc: 294.73 ng/ml



#5 DICAMBA

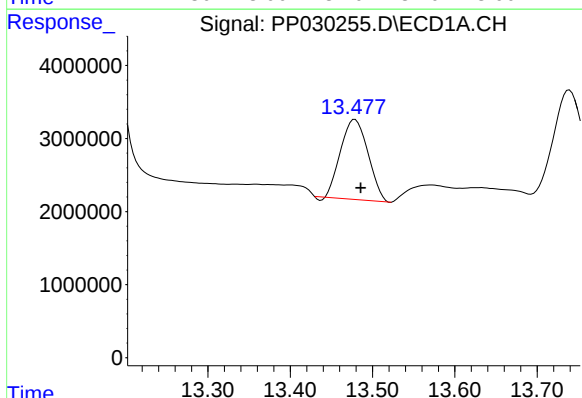
R.T.: 13.155 min
Delta R.T.: -0.004 min
Response: 520844749
Conc: 97.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



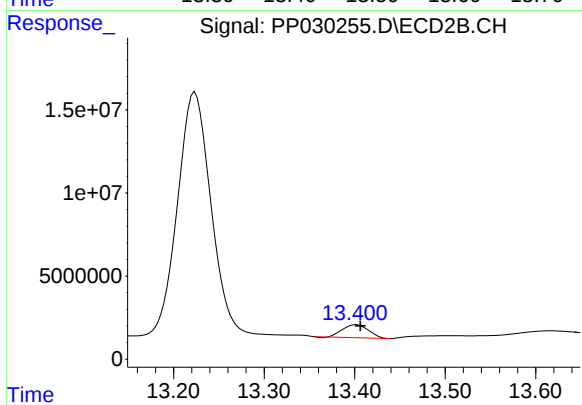
#5 DICAMBA

R.T.: 13.224 min
Delta R.T.: -0.004 min
Response: 375797896
Conc: 93.53 ng/ml



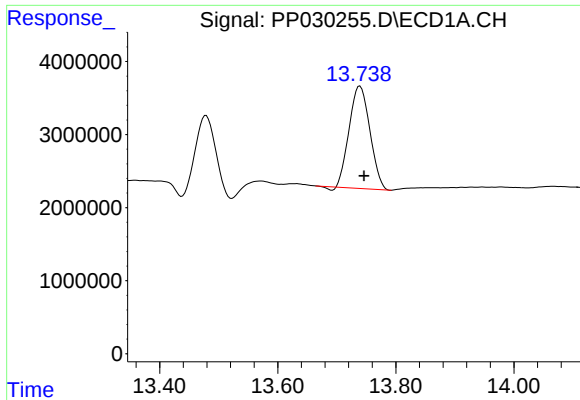
#6 MCP

R.T.: 13.479 min
Delta R.T.: -0.007 min
Response: 25294204
Conc: 8.25 ug/ml



#6 MCP

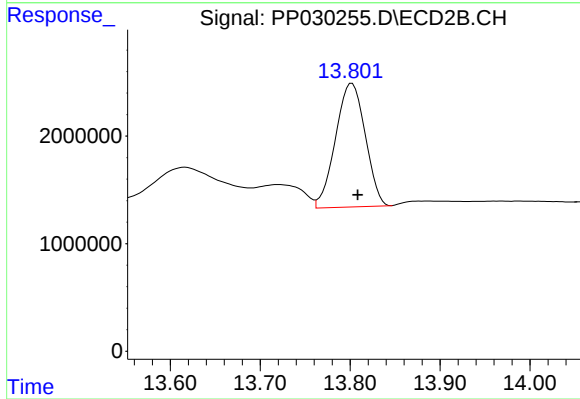
R.T.: 13.402 min
Delta R.T.: -0.004 min
Response: 15536503
Conc: 6.83 ug/ml



#7 MCPA

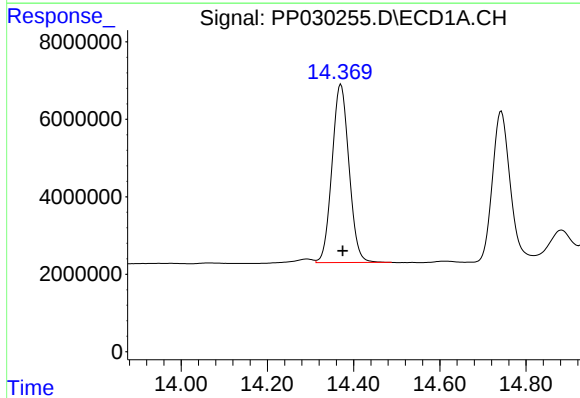
R.T.: 13.739 min
Delta R.T.: -0.007 min
Response: 34108885
Conc: 8.19 ug/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



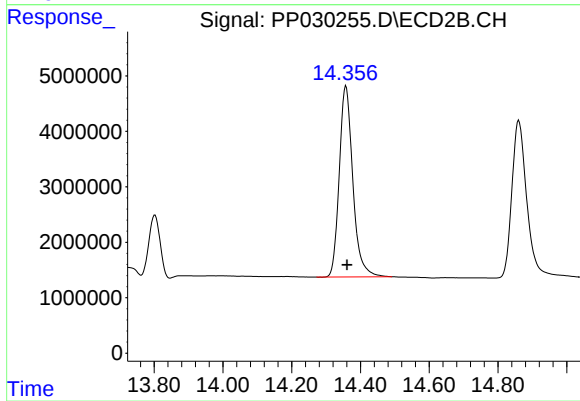
#7 MCPA

R.T.: 13.802 min
Delta R.T.: -0.006 min
Response: 26426135
Conc: 7.85 ug/ml



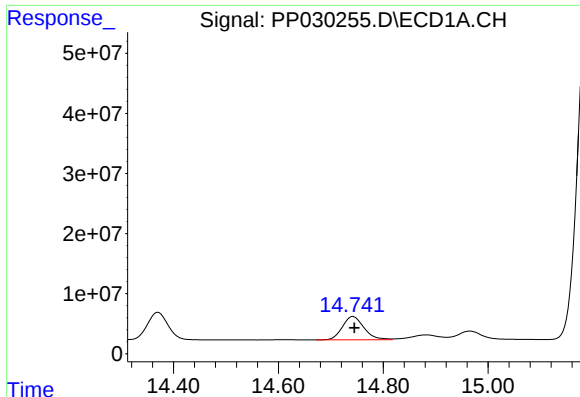
#8 DICHLORPROP

R.T.: 14.371 min
Delta R.T.: -0.004 min
Response: 125502291
Conc: 103.59 ng/ml



#8 DICHLORPROP

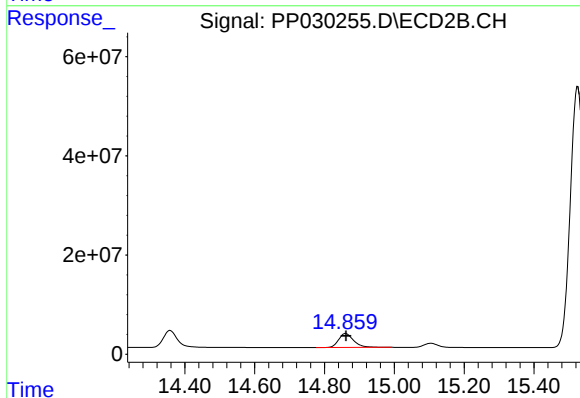
R.T.: 14.358 min
Delta R.T.: -0.003 min
Response: 94417726
Conc: 97.01 ng/ml



#9 2,4-D

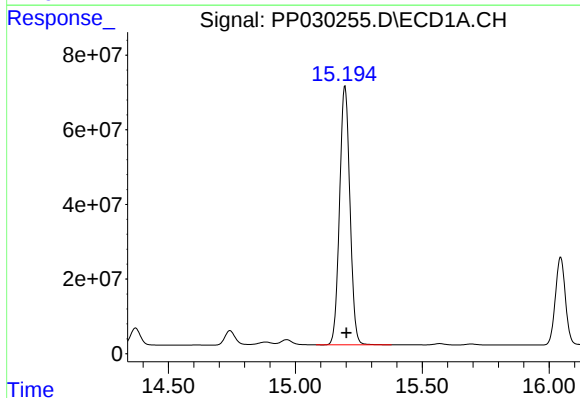
R.T.: 14.743 min
Delta R.T.: -0.003 min
Response: 110854515
Conc: 93.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



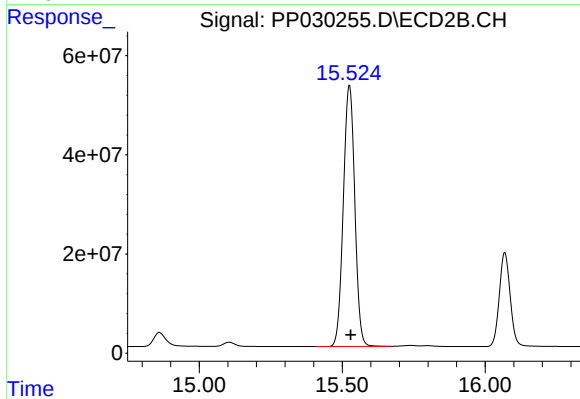
#9 2,4-D

R.T.: 14.861 min
Delta R.T.: -0.001 min
Response: 83317196
Conc: 85.65 ng/ml



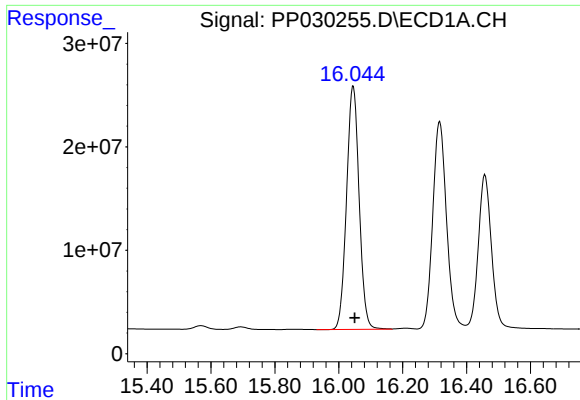
#10 Pentachlorophenol

R.T.: 15.196 min
Delta R.T.: -0.006 min
Response: 1968918183
Conc: 106.07 ng/ml



#10 Pentachlorophenol

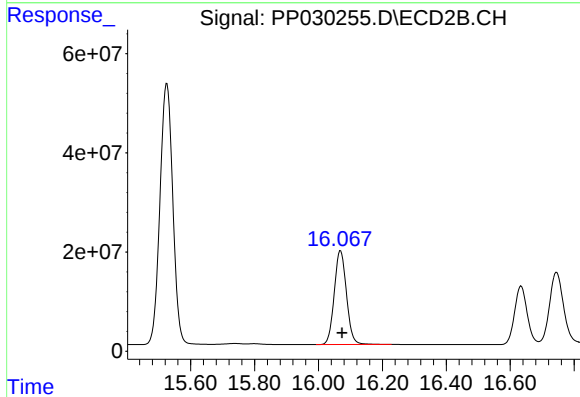
R.T.: 15.525 min
Delta R.T.: -0.004 min
Response: 1464508538
Conc: 107.63 ng/ml



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

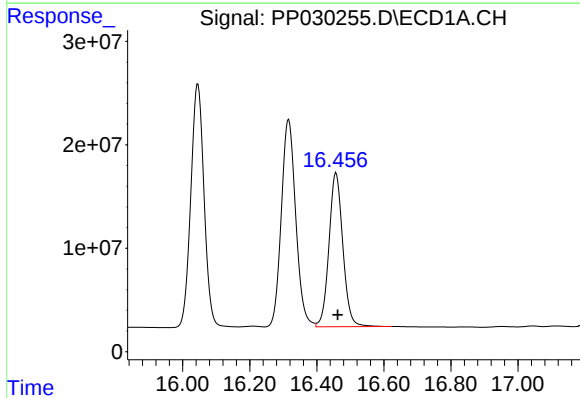
R.T.: 16.045 min
Delta R.T.: -0.004 min
Response: 644050552
Conc: 97.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



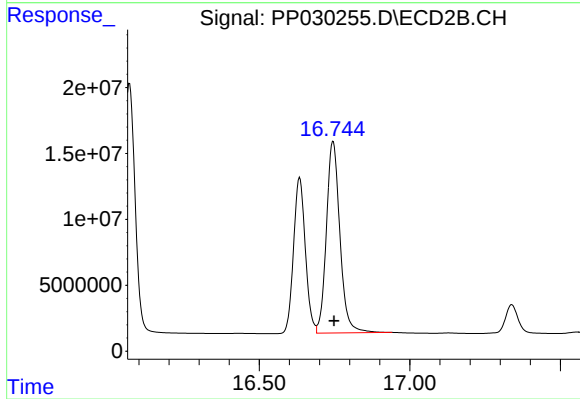
#11 2,4,5-TP (SILVEX)

R.T.: 16.069 min
Delta R.T.: -0.005 min
Response: 501937242
Conc: 95.15 ng/ml



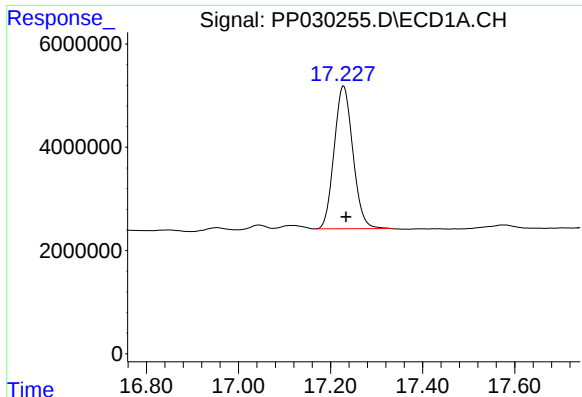
#12 2,4,5-T

R.T.: 16.457 min
Delta R.T.: -0.005 min
Response: 425892900
Conc: 83.38 ng/ml



#12 2,4,5-T

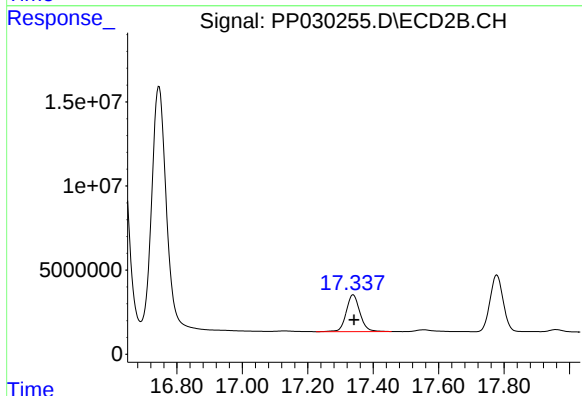
R.T.: 16.745 min
Delta R.T.: -0.003 min
Response: 453993894
Conc: 93.21 ng/ml



#13 2,4-DB

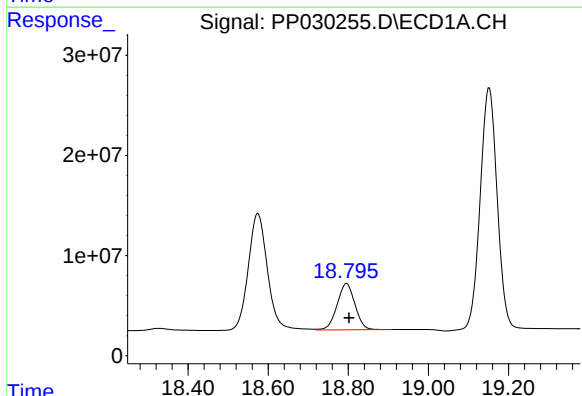
R.T.: 17.229 min
Delta R.T.: -0.005 min
Response: 78095432
Conc: 96.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



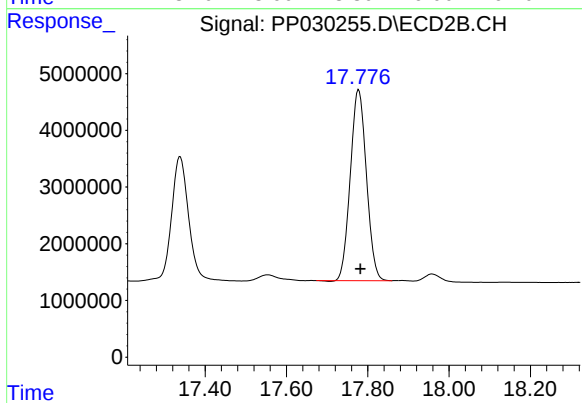
#13 2,4-DB

R.T.: 17.339 min
Delta R.T.: -0.003 min
Response: 63336206
Conc: 92.81 ng/ml



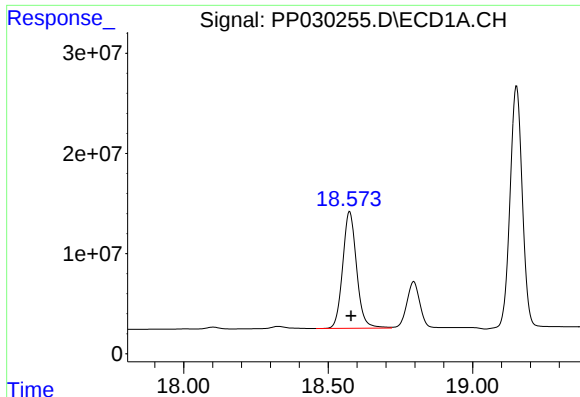
#14 DINOSEB

R.T.: 18.796 min
Delta R.T.: -0.005 min
Response: 142694083
Conc: 65.73 ng/ml



#14 DINOSEB

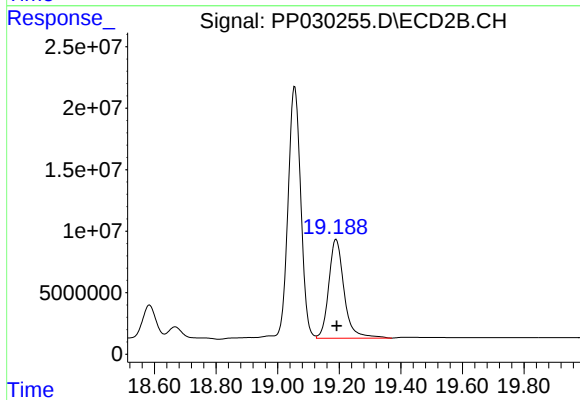
R.T.: 17.778 min
Delta R.T.: -0.004 min
Response: 92545615
Conc: 59.30 ng/ml



#15 Picloram

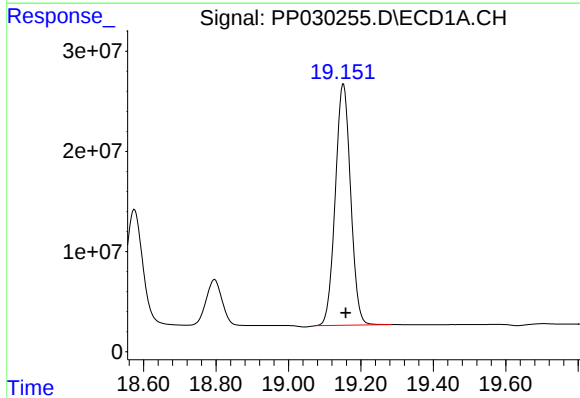
R.T.: 18.575 min
Delta R.T.: -0.004 min
Response: 387048061
Conc: 63.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
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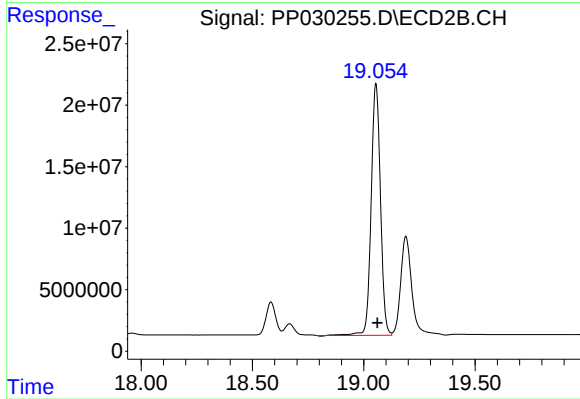
#15 Picloram

R.T.: 19.190 min
Delta R.T.: -0.002 min
Response: 277794601
Conc: 57.14 ng/ml



#16 DCPA

R.T.: 19.152 min
Delta R.T.: -0.006 min
Response: 708304290
Conc: 92.75 ng/ml



#16 DCPA

R.T.: 19.055 min
Delta R.T.: -0.006 min
Response: 593809778
Conc: 98.52 ng/ml