

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081619\
 Data File : PP030394.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Aug 2019 11:23
 Operator : SM\AJ
 Sample : K3591-03
 Misc : MDL 100 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:01:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081419.M
 Quant Title : 8080.M
 QLast Update : Thu Aug 15 11:48:40 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	10.916	11.058	201.6E6	114.4E6	588.306	510.475
Target Compounds							
1) T	Dalapon	2.588	2.401	54934625	28457144	106.476	97.959
2) T	3,5-DICHL...	9.344	9.195	63323982	27985388	112.771	100.080
3) T	4-Nitroph...	10.491	10.228	34227836	10263701	98.682	84.514
5) T	DICAMBA	11.221	11.347	159.1E6	87253546	110.069	100.111
6) T	MCPD	11.563	11.553	5269099	1713203	7.109m	4.204 #
7) T	MCPA	11.813	11.937	9099867	2477397	8.661m	12.660m#
8) T	DICHLORPROP	12.411	12.465	40375059	21826252	112.478	101.660
9) T	2,4-D	12.771	12.952	52548939	23699090	123.947	95.032
10) T	Pentachlo...	13.115	13.490	625.6E6	358.0E6	108.027	103.351
11) T	2,4,5-TP ...	14.006	14.098	225.9E6	131.6E6	107.059	99.834
12) T	2,4,5-T	14.402	14.643	226.8E6	117.0E6	107.378	93.914
13) T	2,4-DB	15.144	15.323	32046740	15162000	107.507	97.606
14) T	DINOSEB	16.591	15.719	157.1E6	93204881	109.083	102.573
15) T	Picloram	16.375	17.031	309.9E6	165.4E6	100.996	89.068
16) T	DCPA	16.944	16.924	287.8E6	173.7E6	104.501	101.347

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

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Operator : SM\AJ
Sample : K3591-03
Misc : MDL 100 PPB
ALS Vial : 5 Sample Multiplier: 1

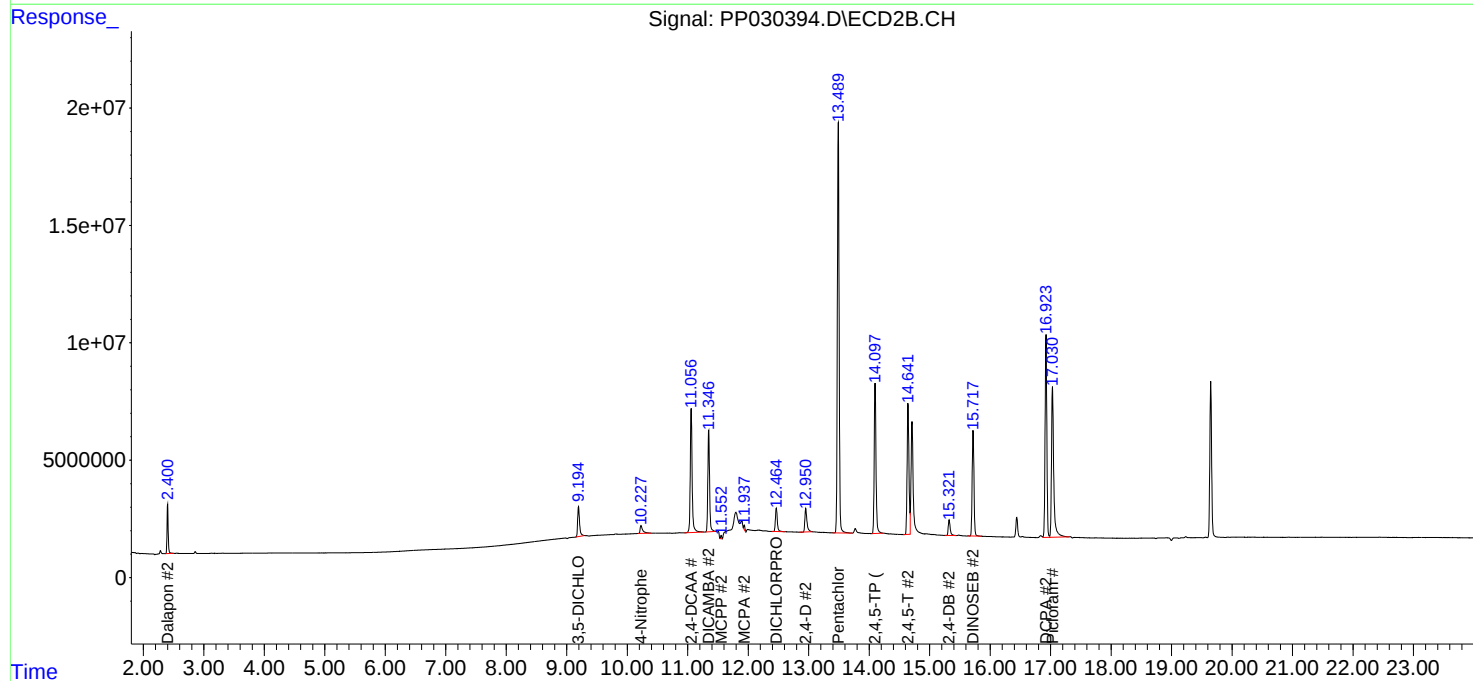
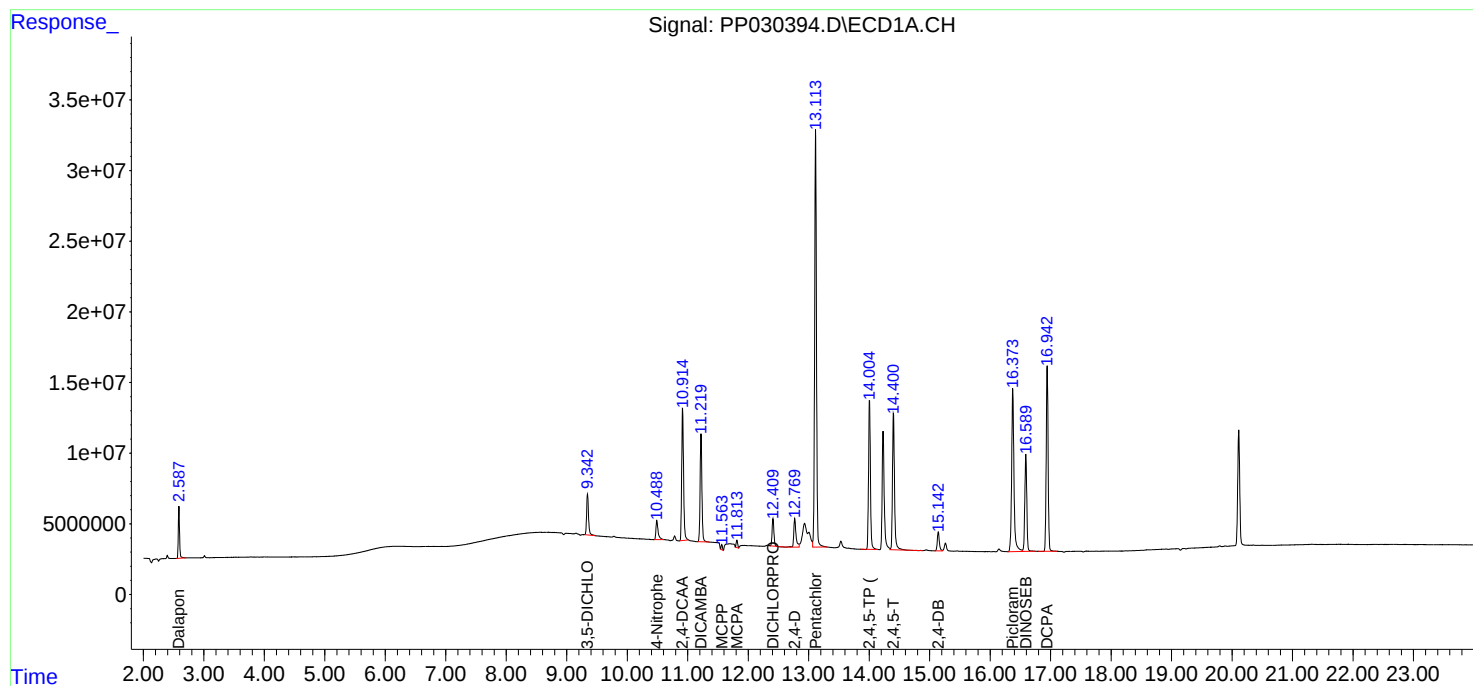
Instrument :
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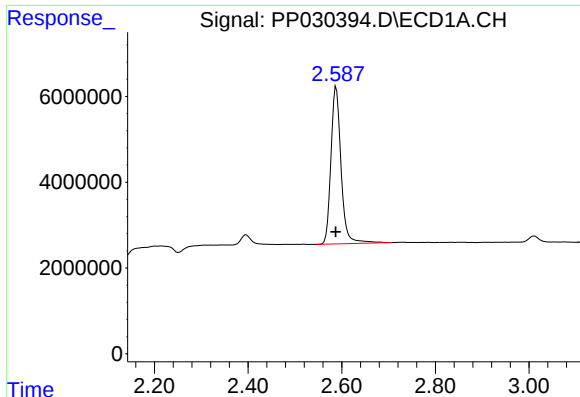
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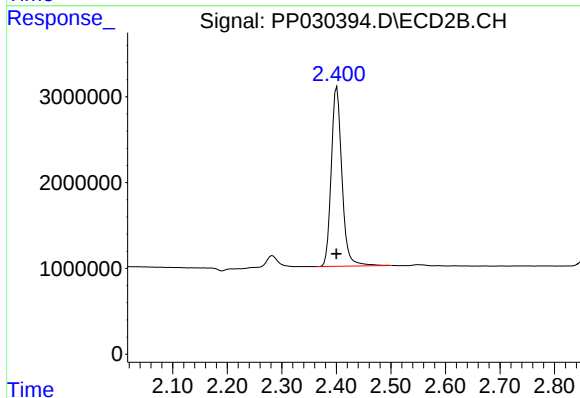
#1 Dalapon

R.T.: 2.588 min
Delta R.T.: 0.001 min
Response: 54934625
Conc: 106.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
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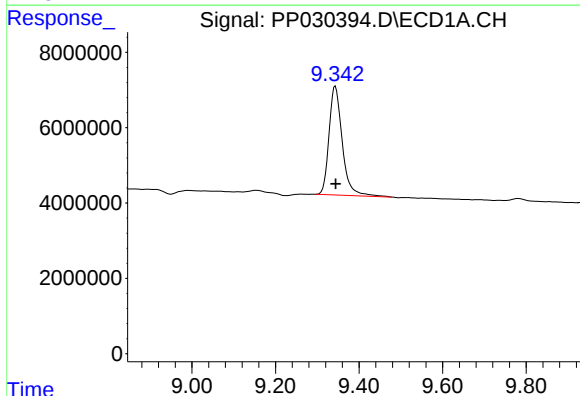
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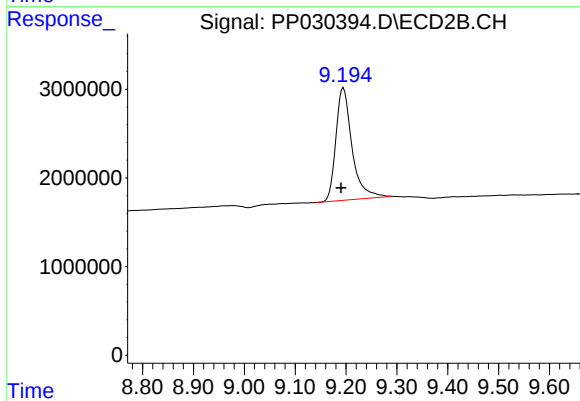
#1 Dalapon

R.T.: 2.401 min
Delta R.T.: 0.000 min
Response: 28457144
Conc: 97.96 ng/ml



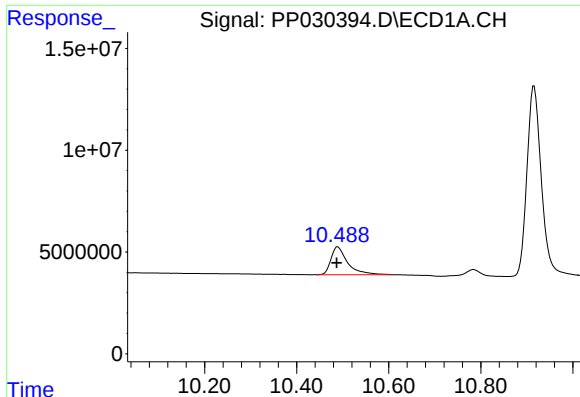
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 63323982
Conc: 112.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.195 min
Delta R.T.: 0.005 min
Response: 27985388
Conc: 100.08 ng/ml



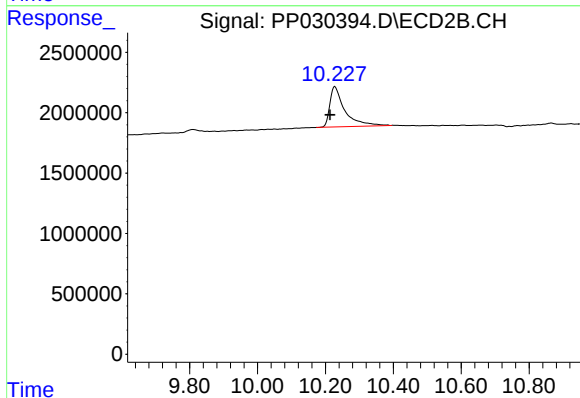
#3 4-Nitrophenol

R.T.: 10.491 min
Delta R.T.: 0.004 min
Response: 34227836
Conc: 98.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

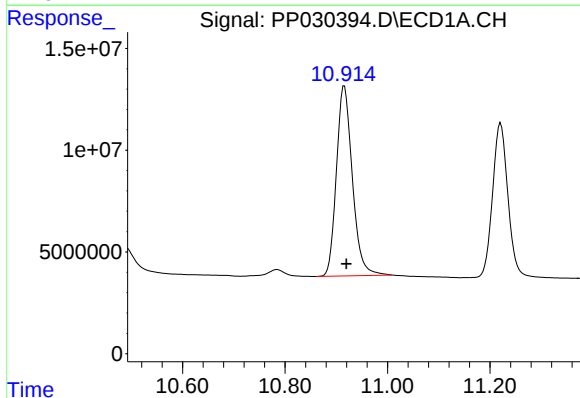
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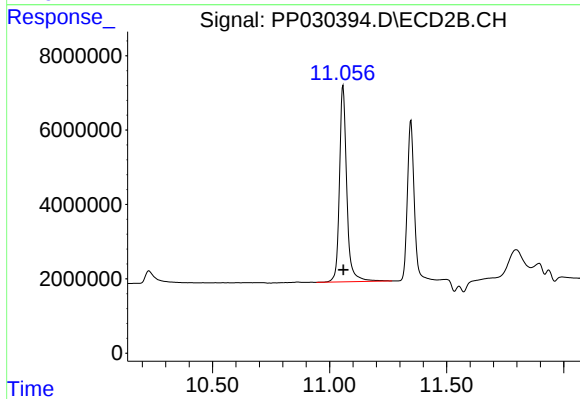
#3 4-Nitrophenol

R.T.: 10.228 min
Delta R.T.: 0.014 min
Response: 10263701
Conc: 84.51 ng/ml



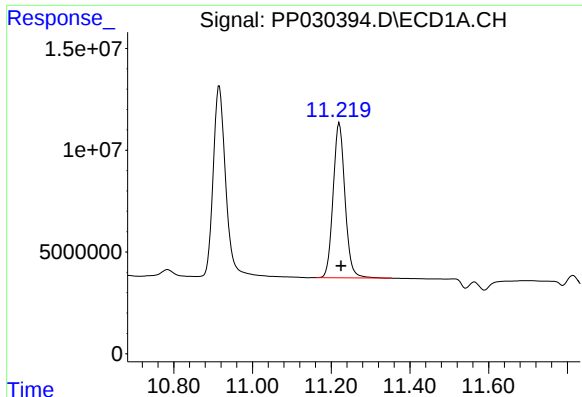
#4 2,4-DCAA

R.T.: 10.916 min
Delta R.T.: -0.003 min
Response: 201581719
Conc: 588.31 ng/ml



#4 2,4-DCAA

R.T.: 11.058 min
Delta R.T.: -0.001 min
Response: 114350615
Conc: 510.47 ng/ml



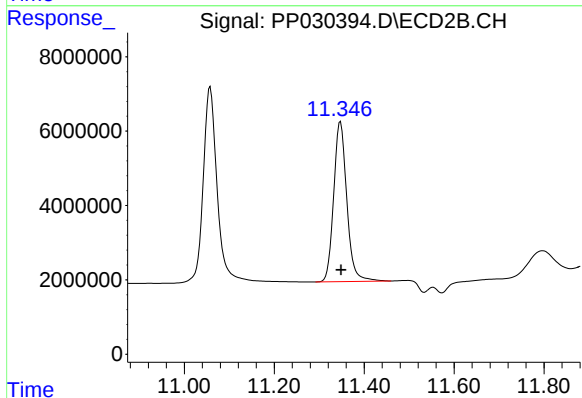
#5 DICAMBA

R.T.: 11.221 min
Delta R.T.: -0.004 min
Response: 159101675
Conc: 110.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

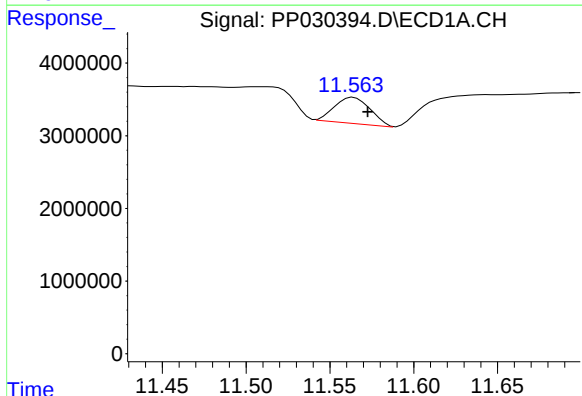
Manual Integrations
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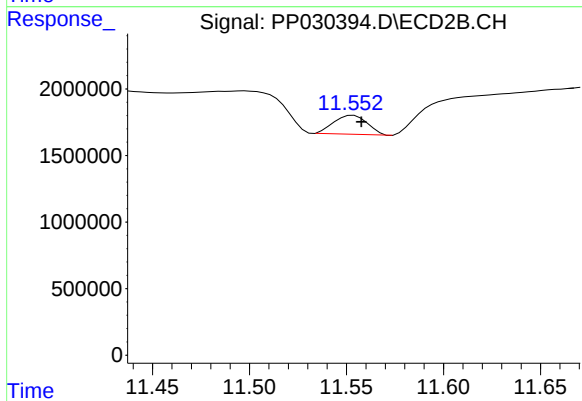
#5 DICAMBA

R.T.: 11.347 min
Delta R.T.: 0.000 min
Response: 87253546
Conc: 100.11 ng/ml



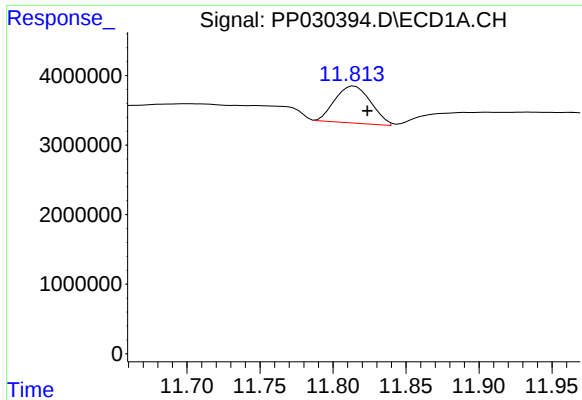
#6 MCP

R.T.: 11.563 min
Delta R.T.: -0.010 min
Response: 5269099
Conc: 7.11 ug/ml m



#6 MCP

R.T.: 11.553 min
Delta R.T.: -0.004 min
Response: 1713203
Conc: 4.20 ug/ml



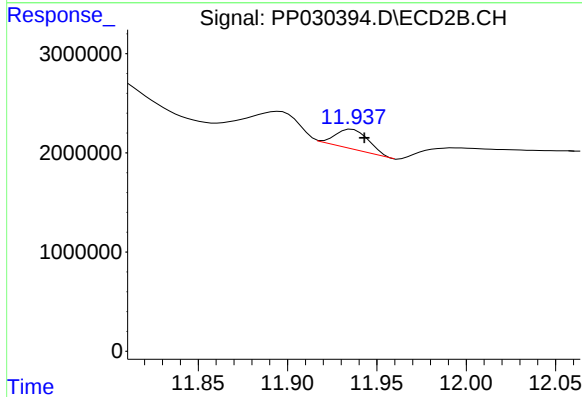
#7 MCPA

R.T.: 11.813 min
Delta R.T.: -0.010 min
Response: 9099867
Conc: 8.66 ug/ml m

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

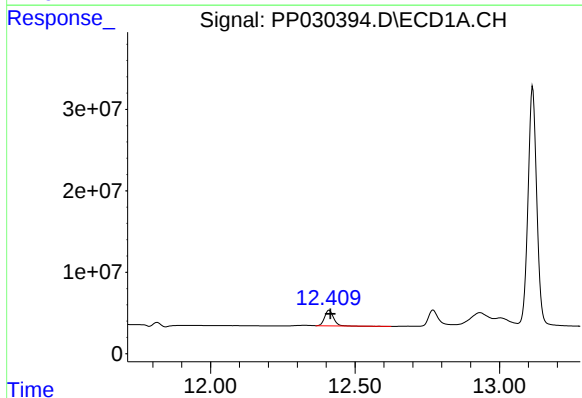
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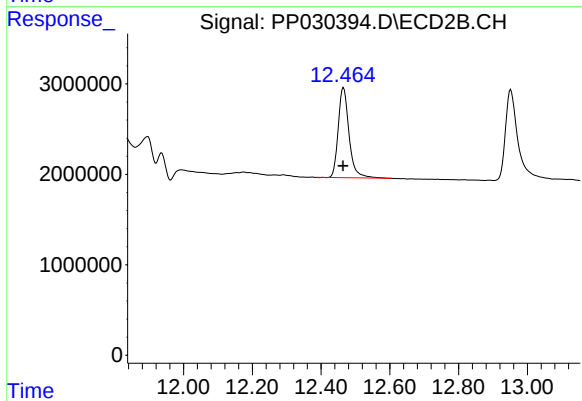
#7 MCPA

R.T.: 11.937 min
Delta R.T.: -0.006 min
Response: 2477397
Conc: 12.66 ug/ml m



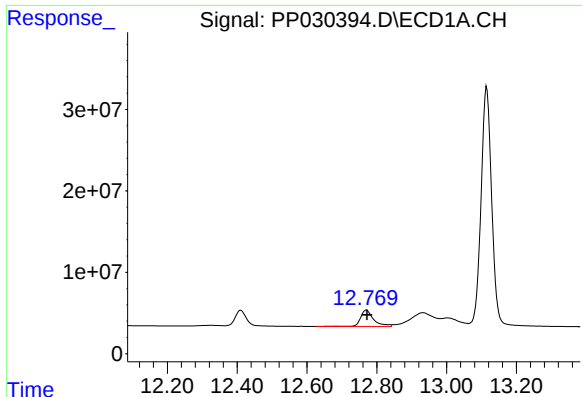
#8 DICHLORPROP

R.T.: 12.411 min
Delta R.T.: -0.004 min
Response: 40375059
Conc: 112.48 ng/ml



#8 DICHLORPROP

R.T.: 12.465 min
Delta R.T.: 0.001 min
Response: 21826252
Conc: 101.66 ng/ml



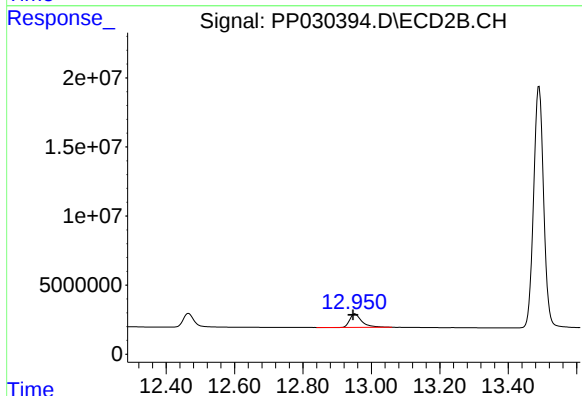
#9 2,4-D

R.T.: 12.771 min
Delta R.T.: 0.000 min
Response: 52548939
Conc: 123.95 ng/ml

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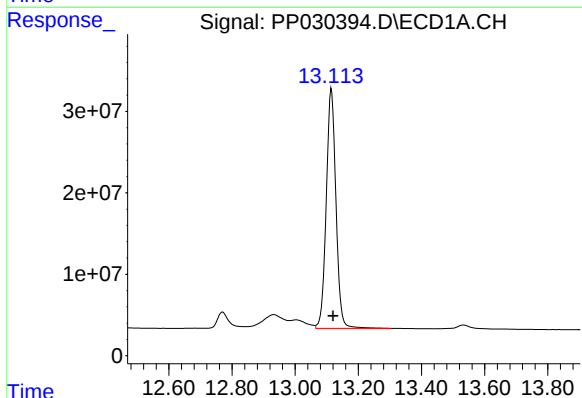
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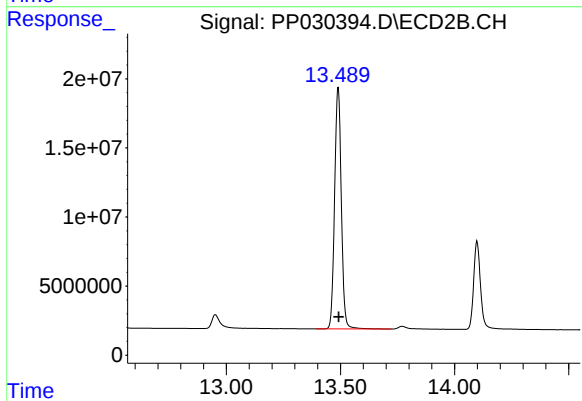
#9 2,4-D

R.T.: 12.952 min
Delta R.T.: 0.005 min
Response: 23699090
Conc: 95.03 ng/ml



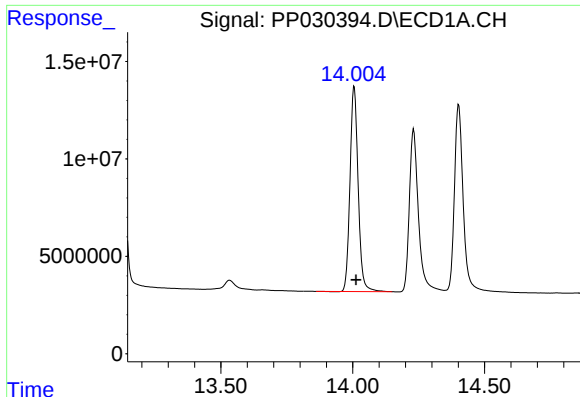
#10 Pentachlorophenol

R.T.: 13.115 min
Delta R.T.: -0.005 min
Response: 625646246
Conc: 108.03 ng/ml



#10 Pentachlorophenol

R.T.: 13.490 min
Delta R.T.: -0.002 min
Response: 357957066
Conc: 103.35 ng/ml



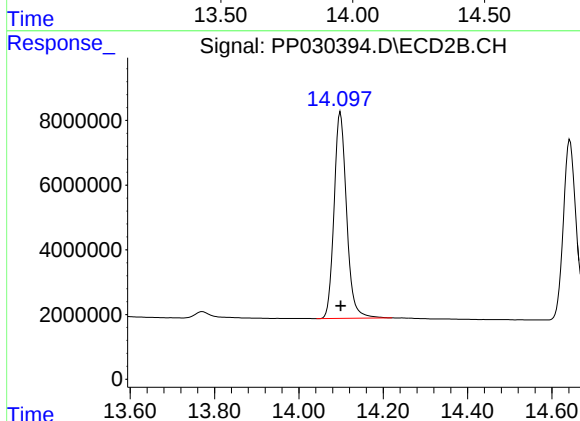
#11 2,4,5-TP (SILVEX)

R.T.: 14.006 min
Delta R.T.: -0.007 min
Response: 225908942
Conc: 107.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

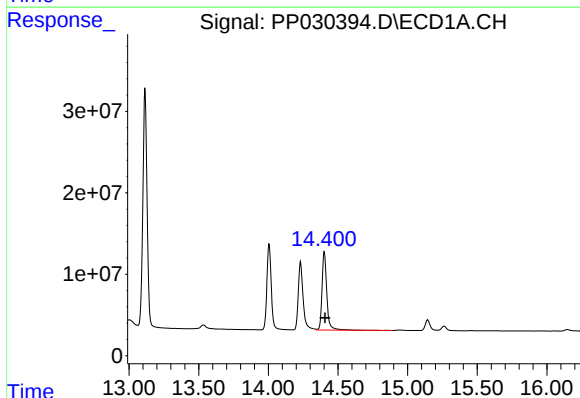
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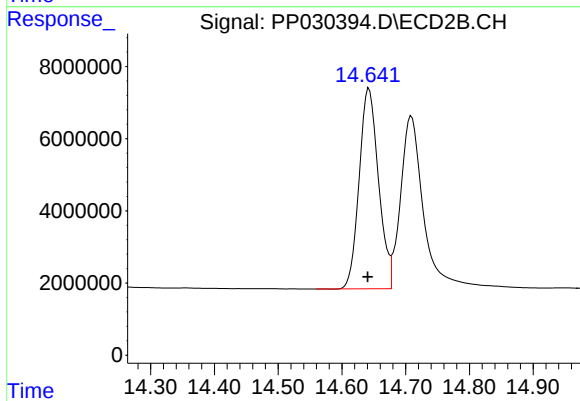
#11 2,4,5-TP (SILVEX)

R.T.: 14.098 min
Delta R.T.: 0.000 min
Response: 131585819
Conc: 99.83 ng/ml



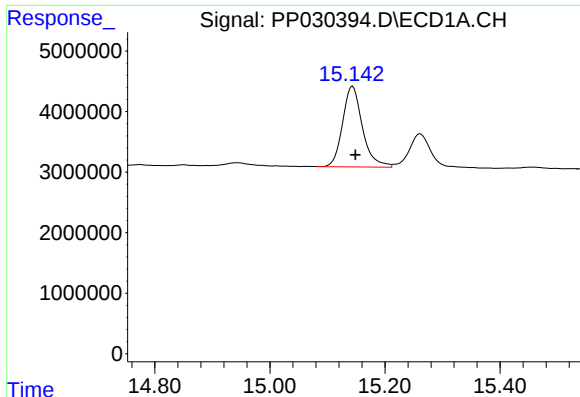
#12 2,4,5-T

R.T.: 14.402 min
Delta R.T.: -0.005 min
Response: 226831516
Conc: 107.38 ng/ml



#12 2,4,5-T

R.T.: 14.643 min
Delta R.T.: 0.002 min
Response: 116986661
Conc: 93.91 ng/ml



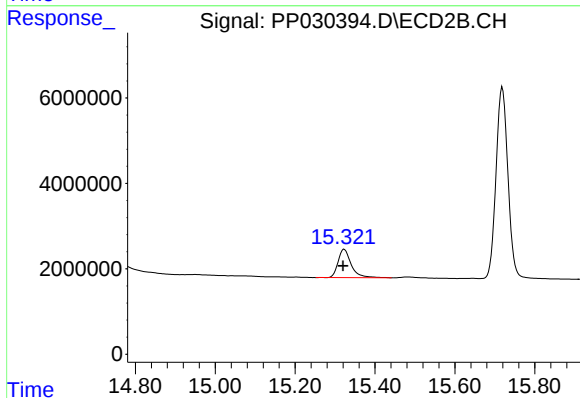
#13 2,4-DB

R.T.: 15.144 min
Delta R.T.: -0.005 min
Response: 32046740
Conc: 107.51 ng/ml

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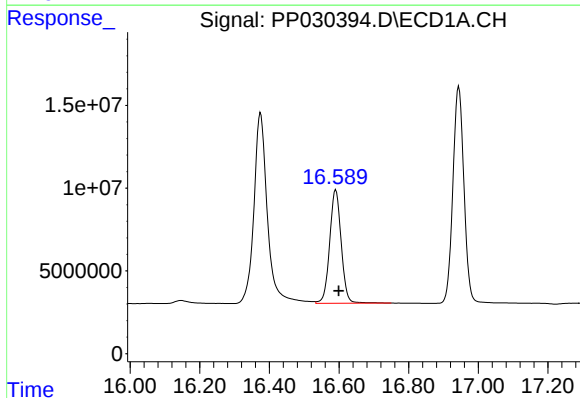
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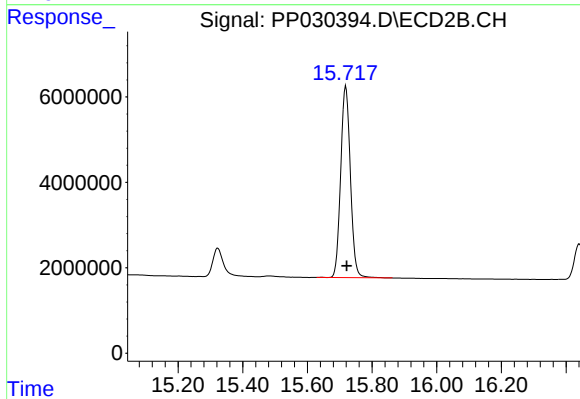
#13 2,4-DB

R.T.: 15.323 min
Delta R.T.: 0.003 min
Response: 15162000
Conc: 97.61 ng/ml



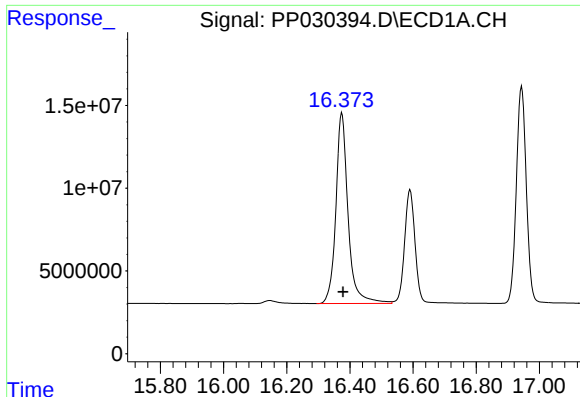
#14 DINOSEB

R.T.: 16.591 min
Delta R.T.: -0.009 min
Response: 157085589
Conc: 109.08 ng/ml



#14 DINOSEB

R.T.: 15.719 min
Delta R.T.: -0.003 min
Response: 93204881
Conc: 102.57 ng/ml



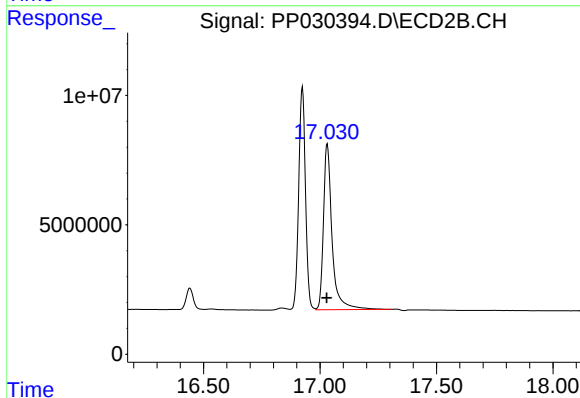
#15 Picloram

R.T.: 16.375 min
Delta R.T.: -0.004 min
Response: 309896022
Conc: 101.00 ng/ml

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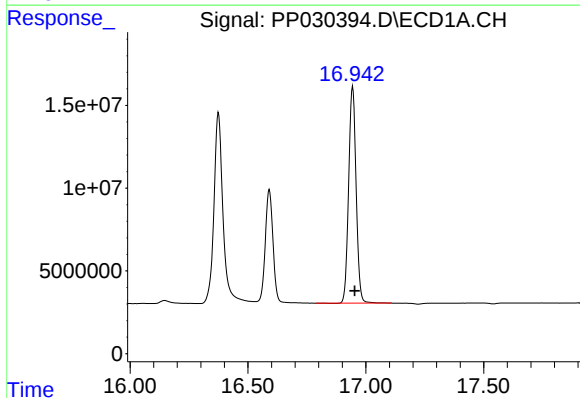
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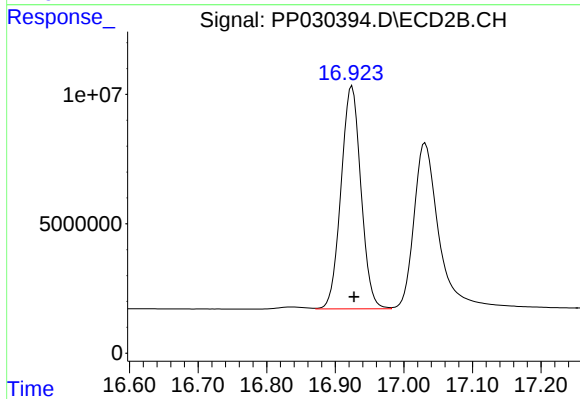
#15 Picloram

R.T.: 17.031 min
Delta R.T.: 0.002 min
Response: 165410714
Conc: 89.07 ng/ml



#16 DCPA

R.T.: 16.944 min
Delta R.T.: -0.009 min
Response: 287807260
Conc: 104.50 ng/ml



#16 DCPA

R.T.: 16.924 min
Delta R.T.: -0.003 min
Response: 173657543
Conc: 101.35 ng/ml