

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101619\
 Data File : PP030517.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Oct 2019 17:44
 Operator : DD\AJ
 Sample : K5111-03
 Misc : MDL 100 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:12:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101619.M
 Quant Title : 8080.M
 QLast Update : Wed Oct 16 15:53:39 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	11.035	11.193	117.9E6	62563097	405.909	350.752
Target Compounds							
1) T	Dalapon	2.634	2.450	45748579	24118972	101.604	96.853
2) T	3,5-DICHL...	9.457	9.322	52040614	23406663	110.757	102.163
3) T	4-Nitroph...	10.608	10.357	31064531	8649911	95.778	93.790m
5) T	DICAMBA	11.343	11.485	130.2E6	68115821	111.521	102.045
6) T	MCPD	11.685	11.688	5257721	1303600	7.535m	4.006m#
7) T	MCPA	11.937	12.073	8676072	3929386	8.642	7.010m
8) T	DICHLORPROP	12.535	12.603	34914012	18070423	116.040	108.603
9) T	2,4-D	12.895	13.090	40575639	19904428	117.309	102.762
10) T	Pentachlo...	13.248	13.641	512.2E6	273.0E6	107.039	100.195
11) T	2,4,5-TP ...	14.137	14.245	187.7E6	102.3E6	111.013	102.803
12) T	2,4,5-T	14.534	14.789	182.4E6	92574702	107.914	98.869
13) T	2,4-DB	15.278	15.471	26400328	13419914	114.293	108.371
14) T	DINOSEB	16.733	15.873	69558163	32517736	82.906	72.754
15) T	Picloram	16.516	17.190	213.8E6	138.8E6	96.760	86.430
16) T	DCPA	17.088	17.084	252.2E6	146.5E6	108.779	105.258

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

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Acq On : 16 Oct 2019 17:44
Operator : DD\AJ
Sample : K5111-03
Misc : MDL 100 PPB
ALS Vial : 5 Sample Multiplier: 1

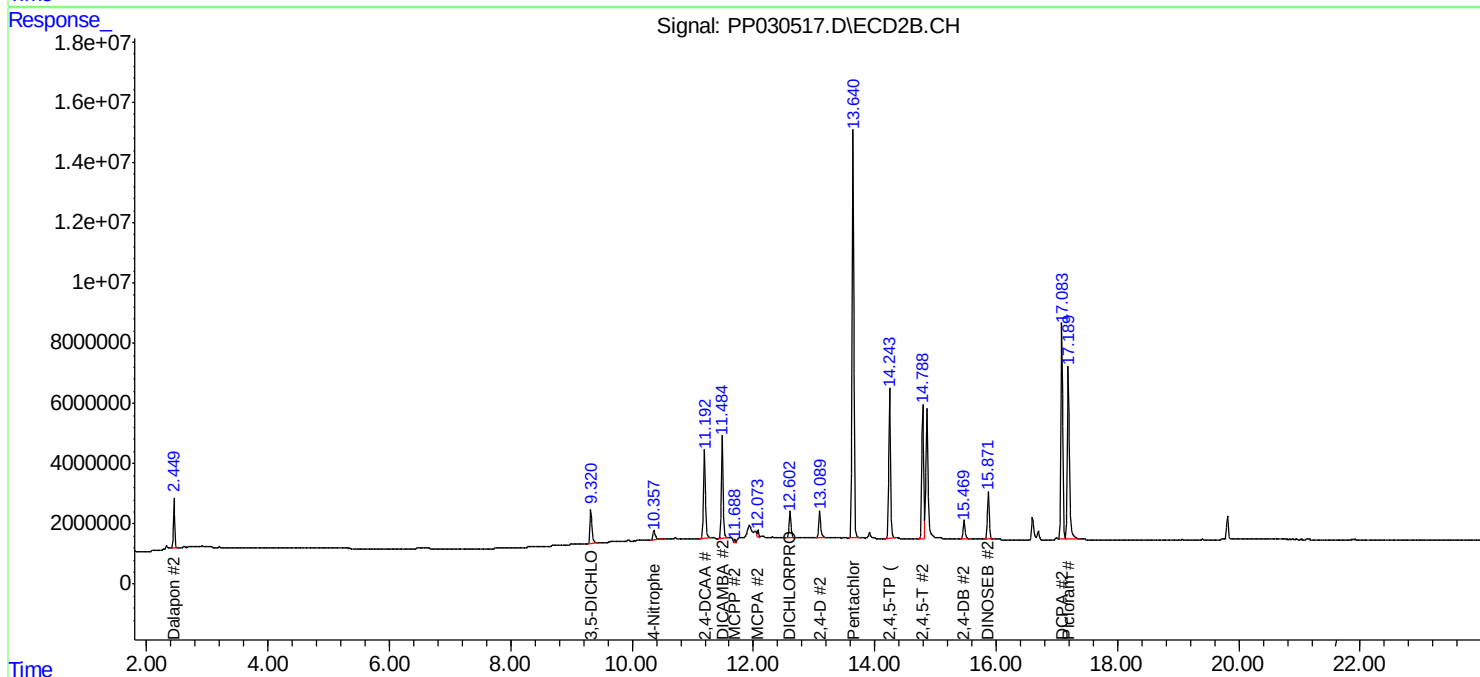
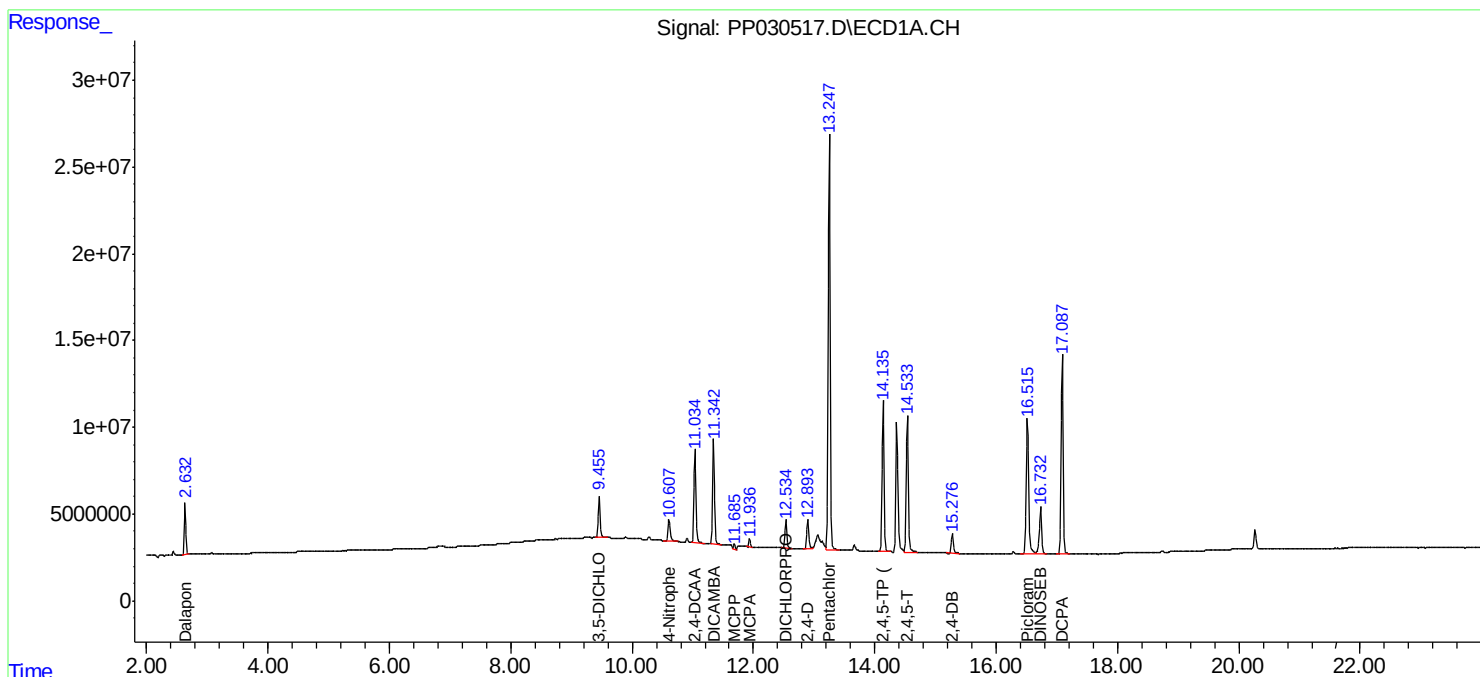
Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

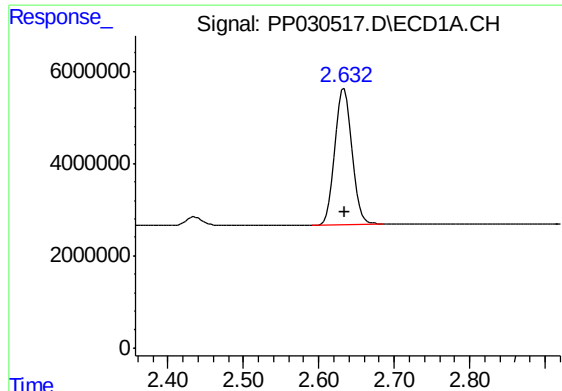
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Integration File signal 1: autoint1.e
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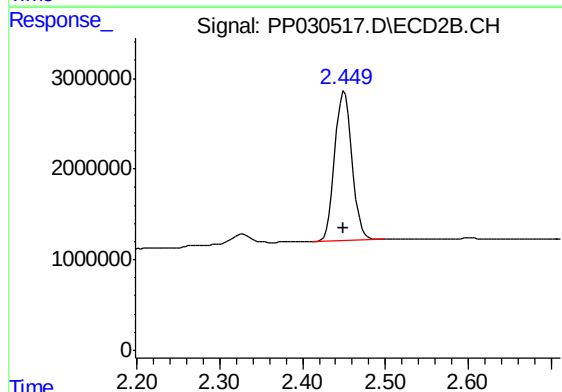
#1 Dalapon

R.T.: 2.634 min
Delta R.T.: 0.000 min
Response: 45748579
Conc: 101.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

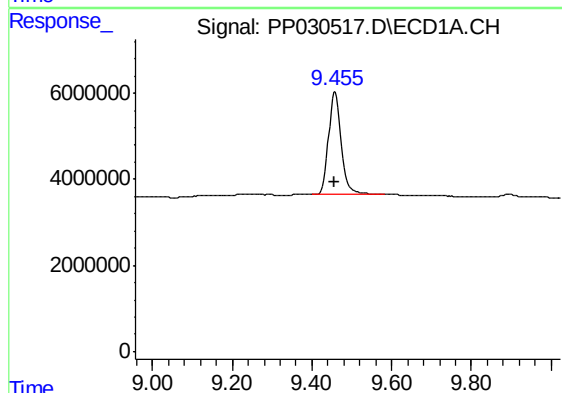
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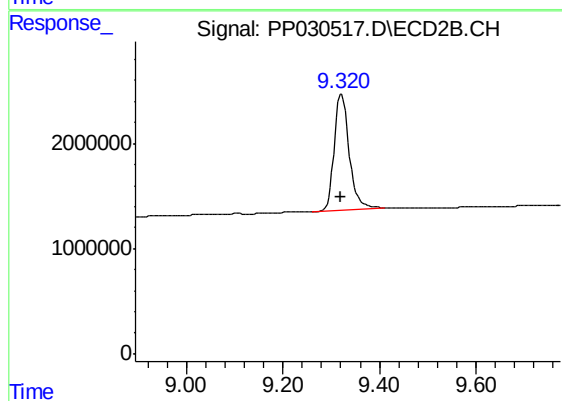
#1 Dalapon

R.T.: 2.450 min
Delta R.T.: 0.000 min
Response: 24118972
Conc: 96.85 ng/ml



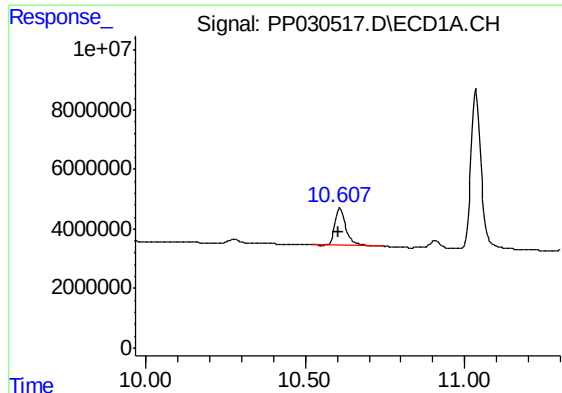
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 52040614
Conc: 110.76 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.322 min
Delta R.T.: 0.002 min
Response: 23406663
Conc: 102.16 ng/ml



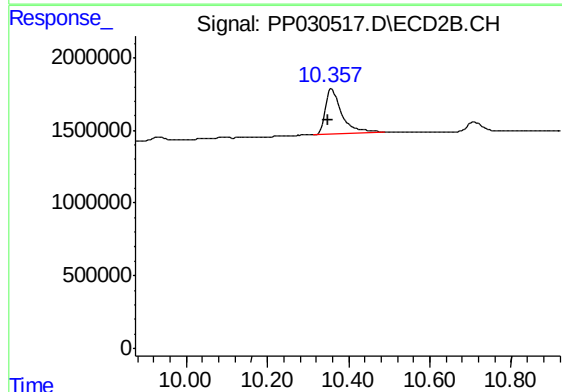
#3 4-Nitrophenol

R.T.: 10.608 min
Delta R.T.: 0.003 min
Response: 31064531
Conc: 95.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

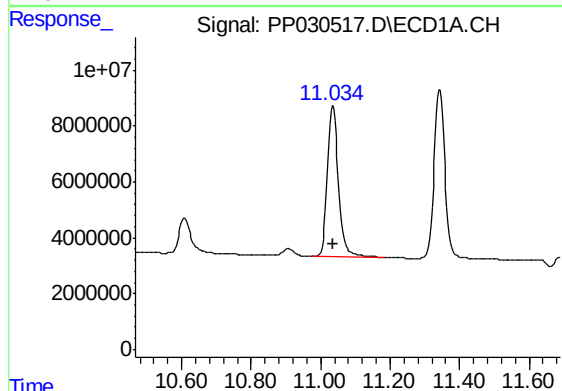
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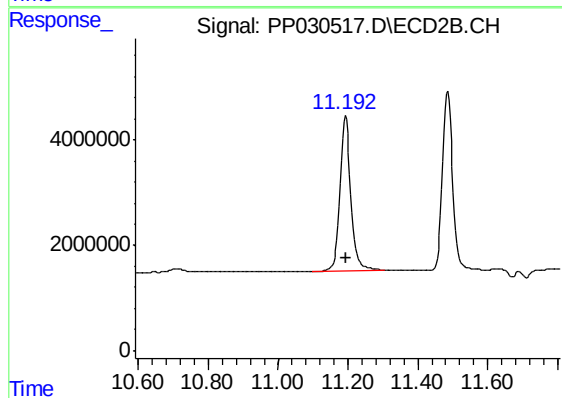
#3 4-Nitrophenol

R.T.: 10.357 min
Delta R.T.: 0.007 min
Response: 8649911
Conc: 93.79 ng/ml m



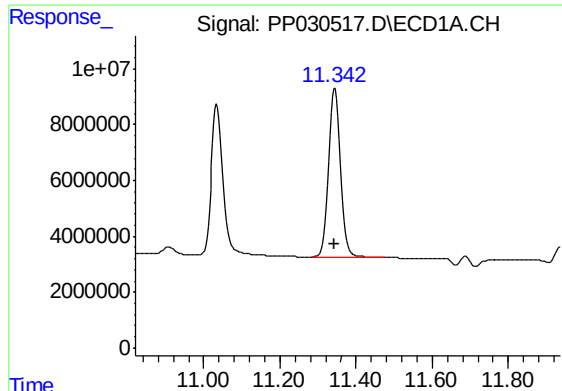
#4 2,4-DCAA

R.T.: 11.035 min
Delta R.T.: -0.002 min
Response: 117947783
Conc: 405.91 ng/ml



#4 2,4-DCAA

R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 62563097
Conc: 350.75 ng/ml



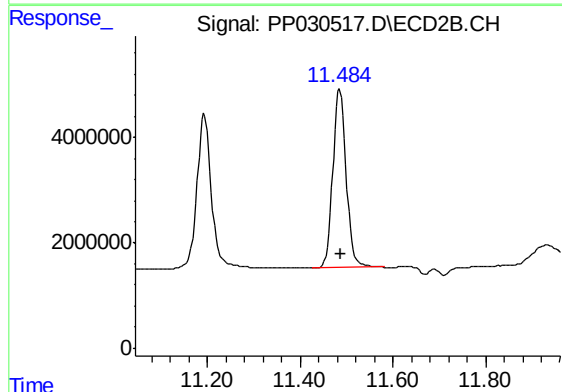
#5 DICAMBA

R.T.: 11.343 min
Delta R.T.: -0.001 min
Response: 130242406
Conc: 111.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

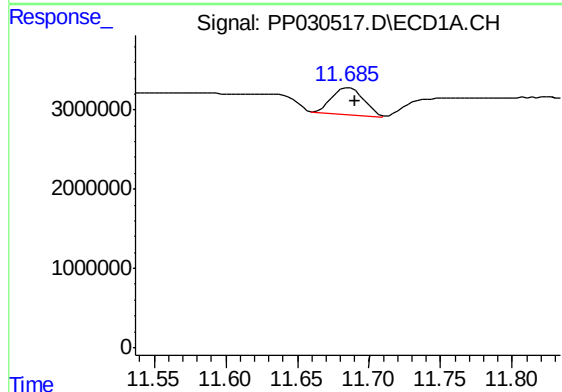
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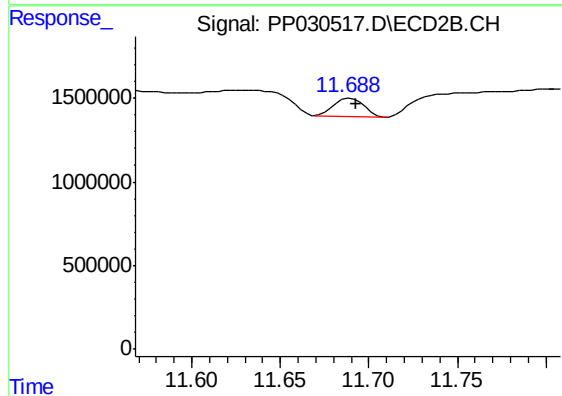
#5 DICAMBA

R.T.: 11.485 min
Delta R.T.: -0.001 min
Response: 68115821
Conc: 102.04 ng/ml



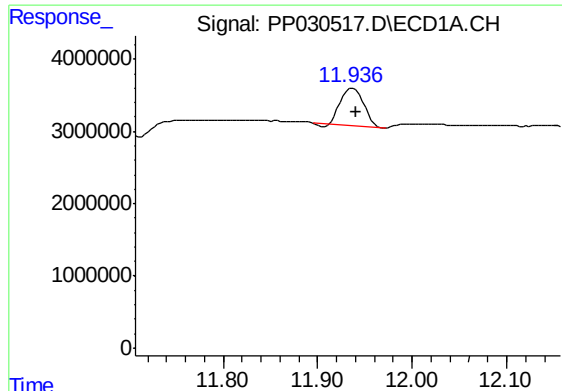
#6 MCPP

R.T.: 11.685 min
Delta R.T.: -0.006 min
Response: 5257721
Conc: 7.53 ug/ml m



#6 MCPP

R.T.: 11.688 min
Delta R.T.: -0.005 min
Response: 1303600
Conc: 4.01 ug/ml m



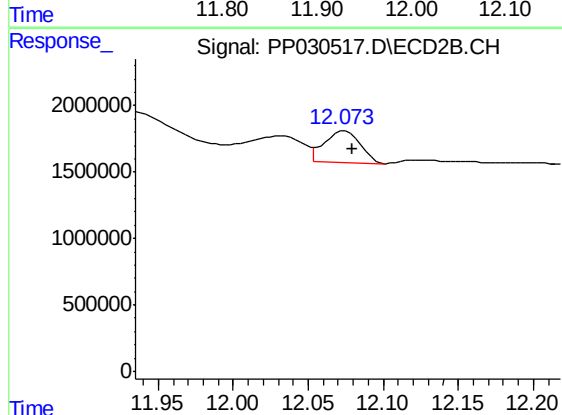
#7 MCPA

R.T.: 11.937 min
Delta R.T.: -0.004 min
Response: 8676072
Conc: 8.64 ug/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

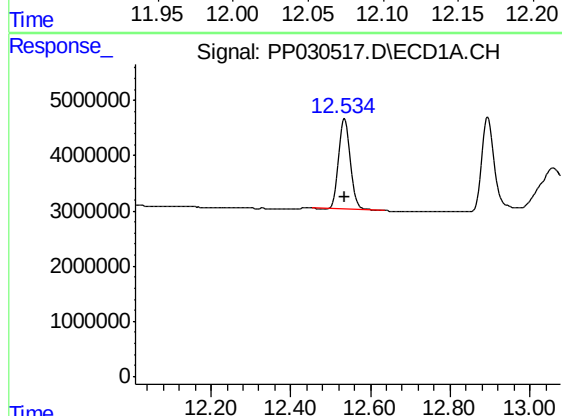
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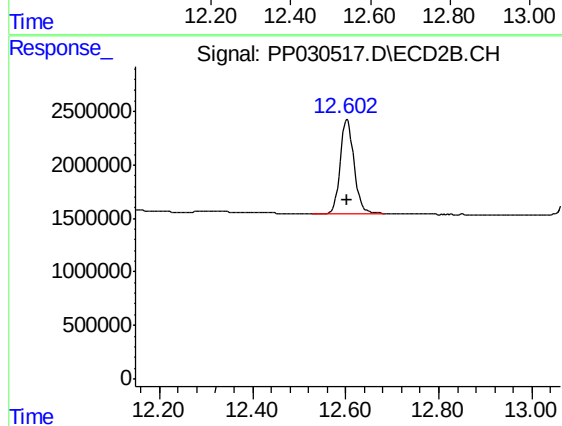
#7 MCPA

R.T.: 12.073 min
Delta R.T.: -0.006 min
Response: 3929386
Conc: 7.01 ug/ml m



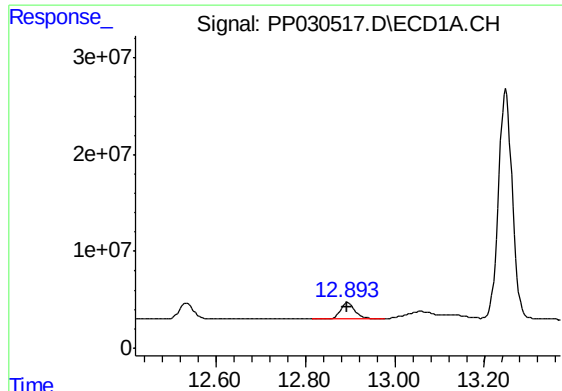
#8 DICHLORPROP

R.T.: 12.535 min
Delta R.T.: 0.000 min
Response: 34914012
Conc: 116.04 ng/ml



#8 DICHLORPROP

R.T.: 12.603 min
Delta R.T.: 0.000 min
Response: 18070423
Conc: 108.60 ng/ml



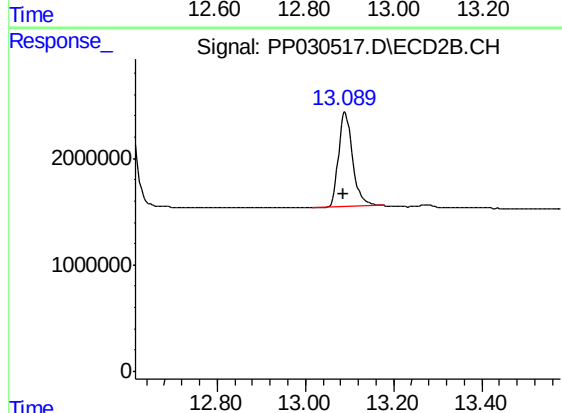
#9 2,4-D

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 40575639
Conc: 117.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

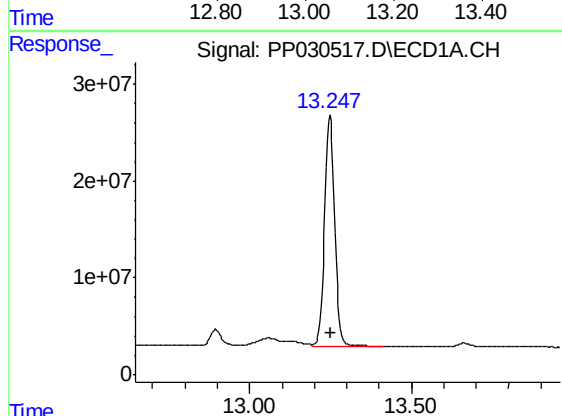
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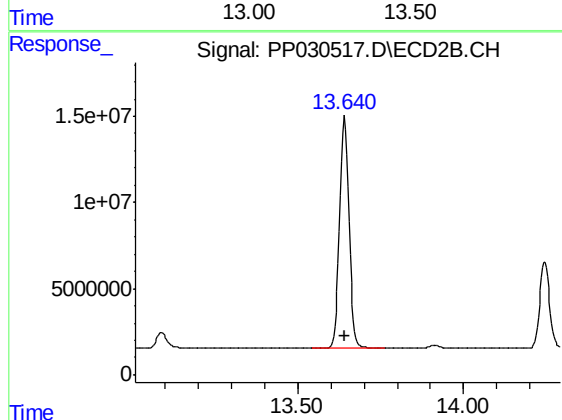
#9 2,4-D

R.T.: 13.090 min
Delta R.T.: 0.003 min
Response: 19904428
Conc: 102.76 ng/ml



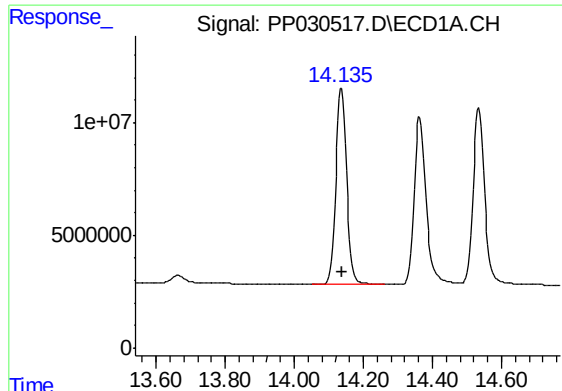
#10 Pentachlorophenol

R.T.: 13.248 min
Delta R.T.: -0.002 min
Response: 512206379
Conc: 107.04 ng/ml



#10 Pentachlorophenol

R.T.: 13.641 min
Delta R.T.: -0.002 min
Response: 273025160
Conc: 100.20 ng/ml



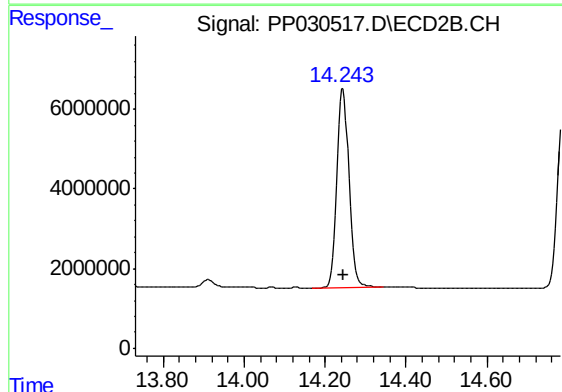
#11 2,4,5-TP (SILVEX)

R.T.: 14.137 min
Delta R.T.: -0.003 min
Response: 187651893
Conc: 111.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

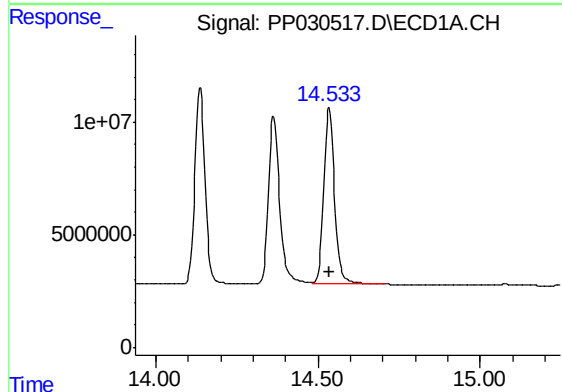
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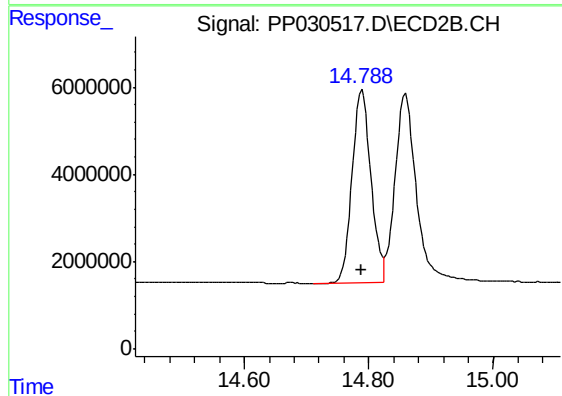
#11 2,4,5-TP (SILVEX)

R.T.: 14.245 min
Delta R.T.: 0.000 min
Response: 102254934
Conc: 102.80 ng/ml



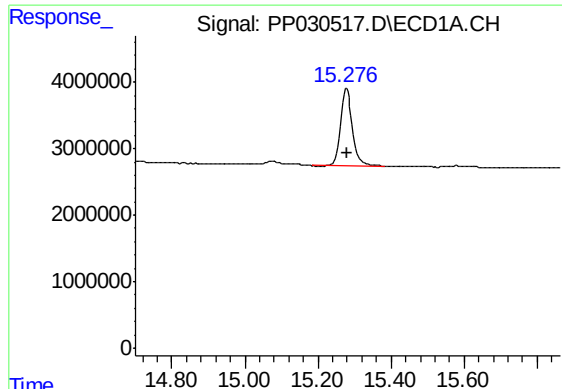
#12 2,4,5-T

R.T.: 14.534 min
Delta R.T.: 0.000 min
Response: 182384083
Conc: 107.91 ng/ml



#12 2,4,5-T

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 92574702
Conc: 98.87 ng/ml



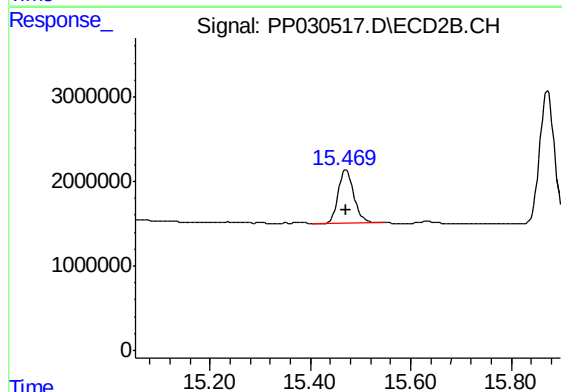
#13 2,4-DB

R.T.: 15.278 min
Delta R.T.: -0.001 min
Response: 26400328
Conc: 114.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

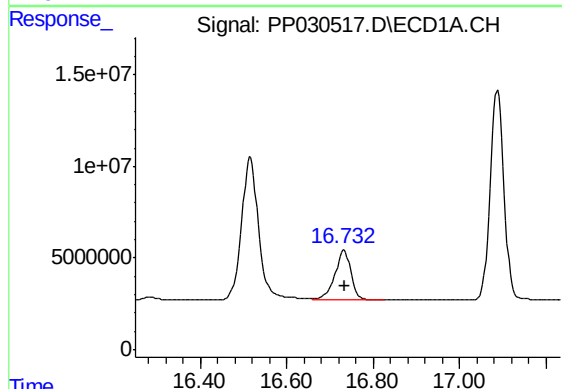
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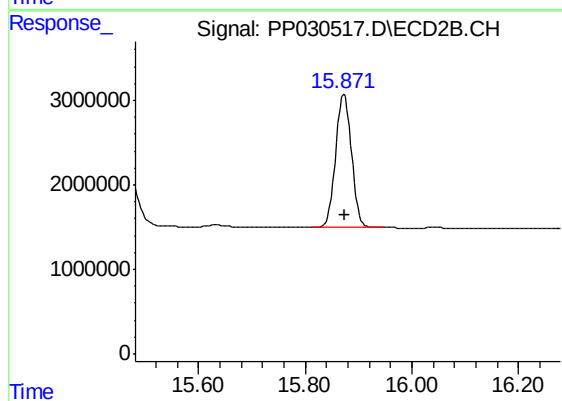
#13 2,4-DB

R.T.: 15.471 min
Delta R.T.: 0.001 min
Response: 13419914
Conc: 108.37 ng/ml



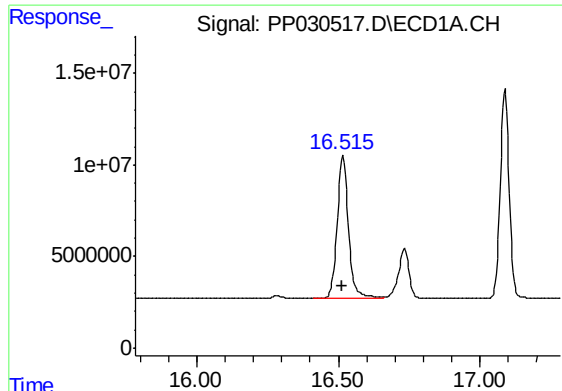
#14 DINOSEB

R.T.: 16.733 min
Delta R.T.: -0.002 min
Response: 69558163
Conc: 82.91 ng/ml



#14 DINOSEB

R.T.: 15.873 min
Delta R.T.: -0.002 min
Response: 32517736
Conc: 72.75 ng/ml



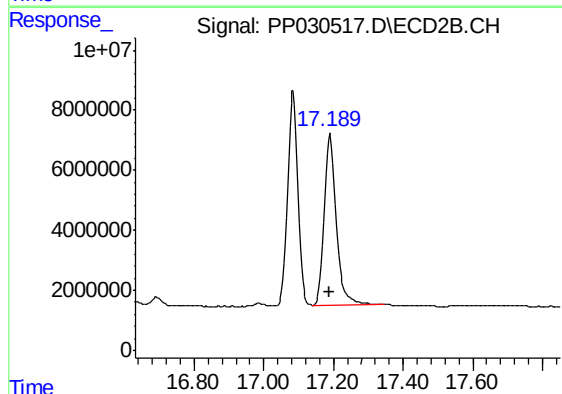
#15 Picloram

R.T.: 16.516 min
Delta R.T.: 0.001 min
Response: 213811216
Conc: 96.76 ng/ml

Instrument :
ECD_P
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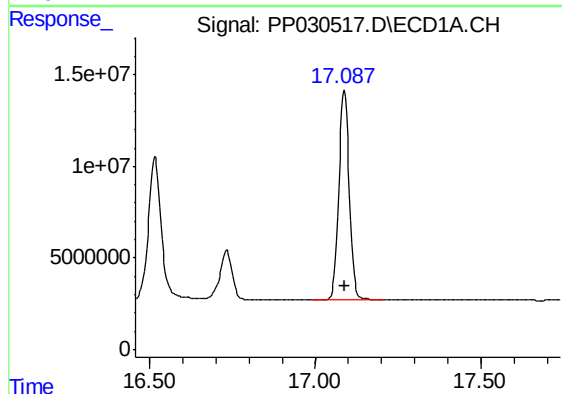
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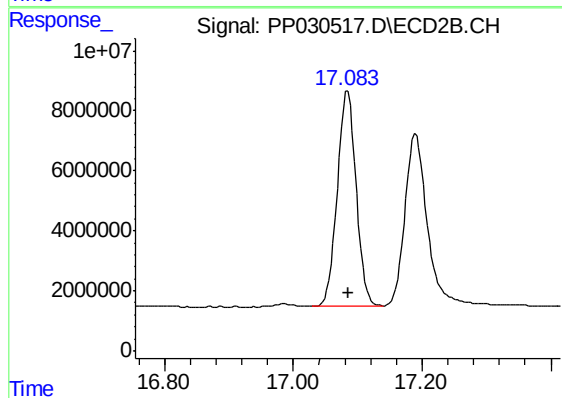
#15 Picloram

R.T.: 17.190 min
Delta R.T.: 0.001 min
Response: 138762214
Conc: 86.43 ng/ml



#16 DCPA

R.T.: 17.088 min
Delta R.T.: 0.000 min
Response: 252209074
Conc: 108.78 ng/ml



#16 DCPA

R.T.: 17.084 min
Delta R.T.: -0.002 min
Response: 146518092
Conc: 105.26 ng/ml