

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081619\
 Data File : PP030396.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Aug 2019 12:19
 Operator : SM\AJ
 Sample : K3591-09
 Misc : MDL 100 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MDL-MDL-WATER-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 01:02:13 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	203.2E6	113.7E6	593.134	507.690
Target Compounds							
1) T	Dalapon	2.588	2.401	54910974	28520237	106.431	98.177
2) T	3,5-DICHL...	9.344	9.195	63389617	28231221	112.887	100.959
3) T	4-Nitroph...	10.491	10.229	35087021	10263281	101.159	84.510
5) T	DICAMBA	11.221	11.348	160.6E6	87949634	111.126	100.909
6) T	MCPD	11.564	11.553	5522472	1762996	7.451m	4.326 #
7) T	MCPA	11.813	11.935	8990871	2397544	8.557m	12.553m#
8) T	DICHLORPROP	12.412	12.466	40823270	22162525	113.727	103.226
9) T	2,4-D	12.772	12.953	52981250	24032728	124.967	96.370
10) T	Pentachlo...	13.115	13.491	630.7E6	361.4E6	108.896	104.358
11) T	2,4,5-TP ...	14.006	14.099	226.7E6	133.0E6	107.449	100.914
12) T	2,4,5-T	14.403	14.643	228.4E6	118.4E6	108.100	95.080
13) T	2,4-DB	15.145	15.323	32199627	15314803	108.020	98.589
14) T	DINOSEB	16.591	15.720	156.6E6	94484249	108.770	103.981
15) T	Picloram	16.376	17.032	311.1E6	166.6E6	101.402	89.704
16) T	DCPA	16.945	16.926	287.4E6	174.8E6	104.346	102.040

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

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Operator : SM\AJ
Sample : K3591-09
Misc : MDL 100 PPB
ALS Vial : 7 Sample Multiplier: 1

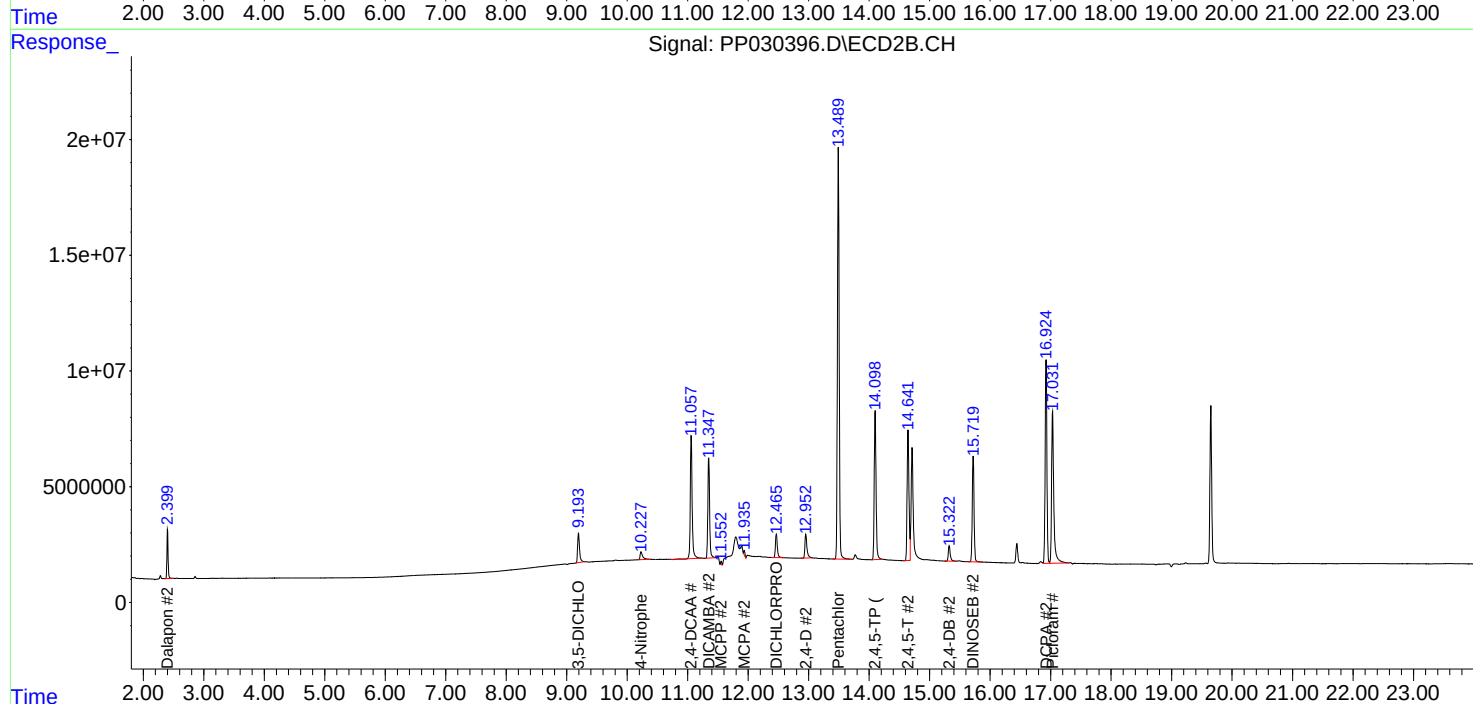
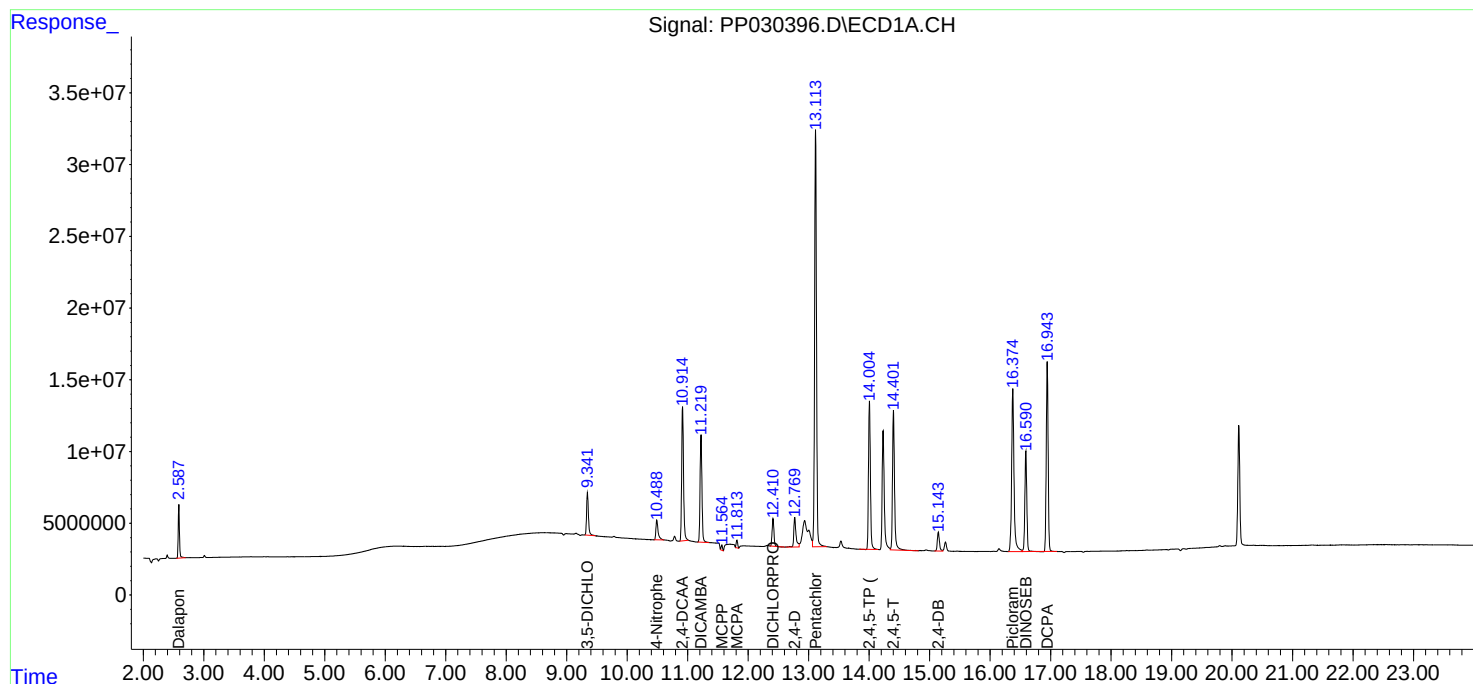
Instrument :
ECD_P
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MDL-MDL-WATER-03-QT3-2019

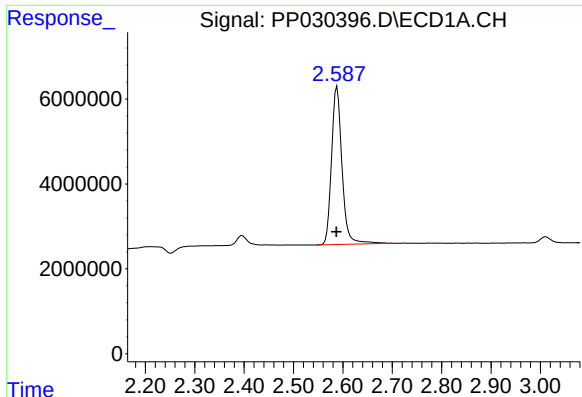
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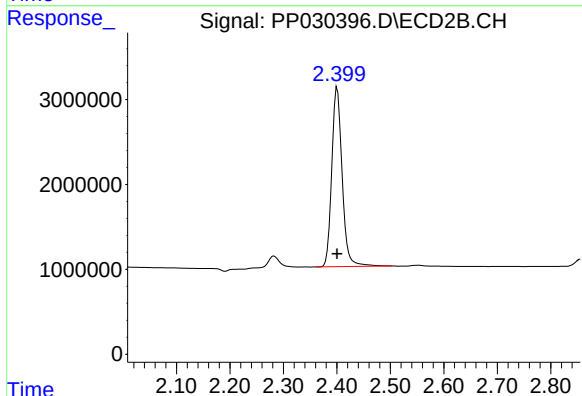
#1 Dalapon

R.T.: 2.588 min
Delta R.T.: 0.001 min
Response: 54910974
Conc: 106.43 ng/ml

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

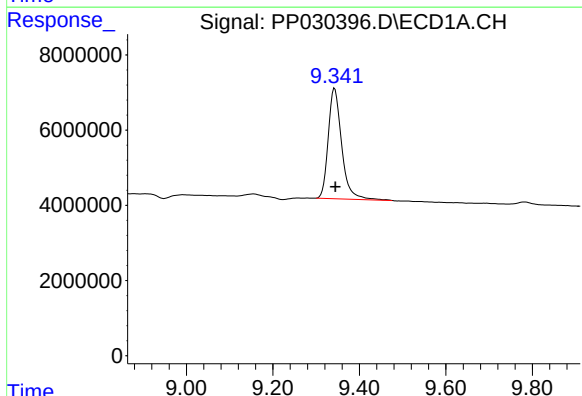
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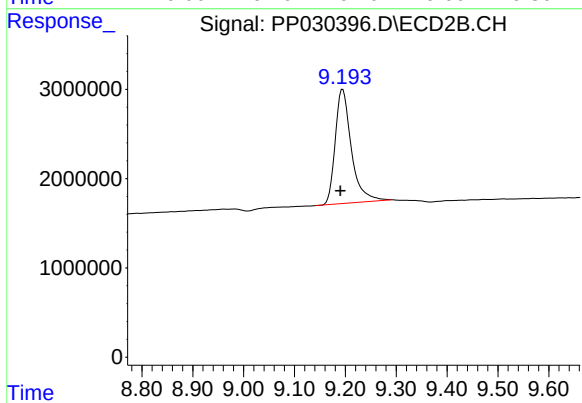
#1 Dalapon

R.T.: 2.401 min
Delta R.T.: 0.000 min
Response: 28520237
Conc: 98.18 ng/ml



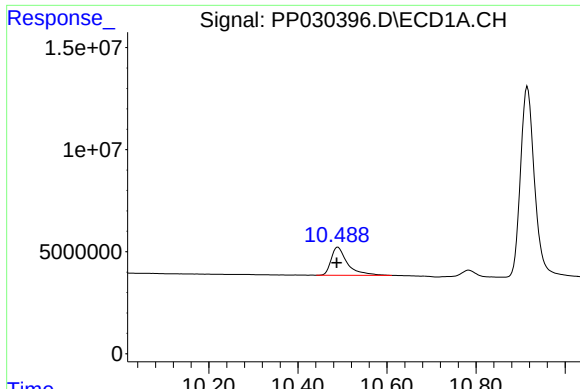
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 63389617
Conc: 112.89 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.195 min
Delta R.T.: 0.005 min
Response: 28231221
Conc: 100.96 ng/ml



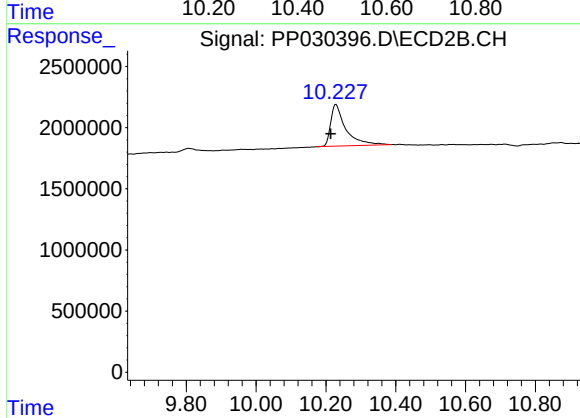
#3 4-Nitrophenol

R.T.: 10.491 min
Delta R.T.: 0.004 min
Response: 35087021
Conc: 101.16 ng/ml

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

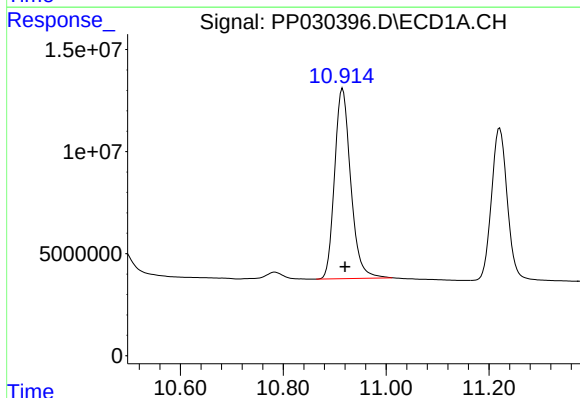
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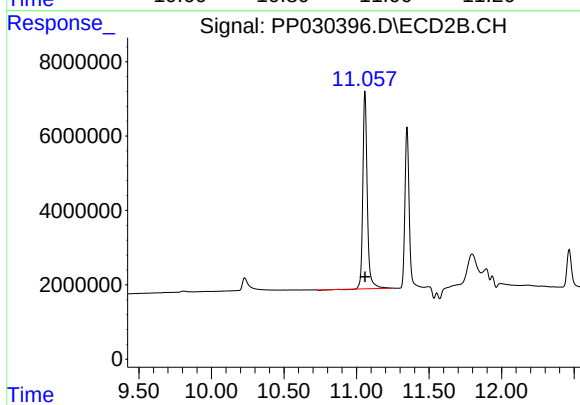
#3 4-Nitrophenol

R.T.: 10.229 min
Delta R.T.: 0.015 min
Response: 10263281
Conc: 84.51 ng/ml



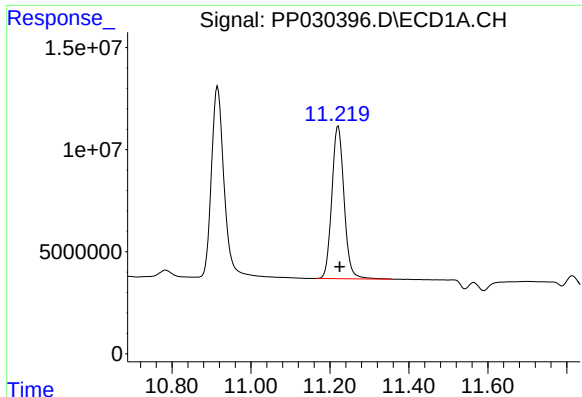
#4 2,4-DCAA

R.T.: 10.916 min
Delta R.T.: -0.004 min
Response: 203236129
Conc: 593.13 ng/ml



#4 2,4-DCAA

R.T.: 11.058 min
Delta R.T.: 0.000 min
Response: 113726844
Conc: 507.69 ng/ml



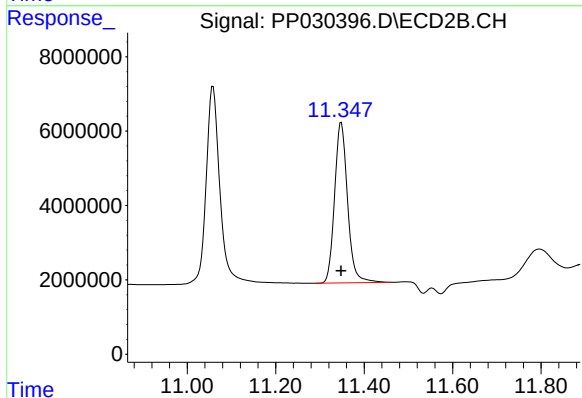
#5 DICAMBA

R.T.: 11.221 min
Delta R.T.: -0.004 min
Response: 160628977
Conc: 111.13 ng/ml

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

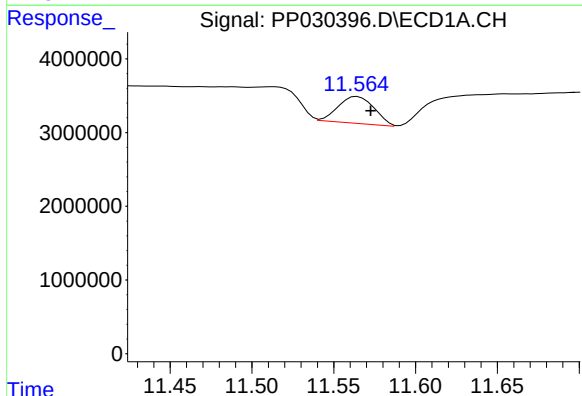
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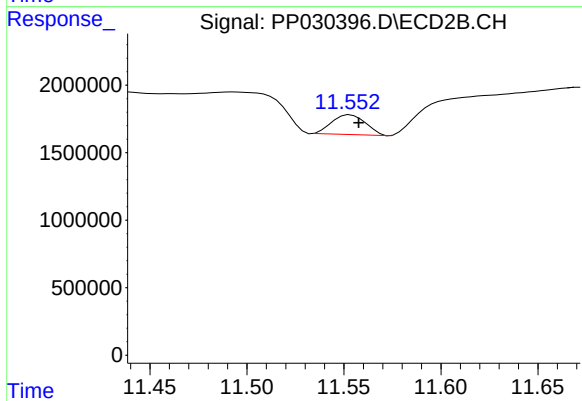
#5 DICAMBA

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 87949634
Conc: 100.91 ng/ml



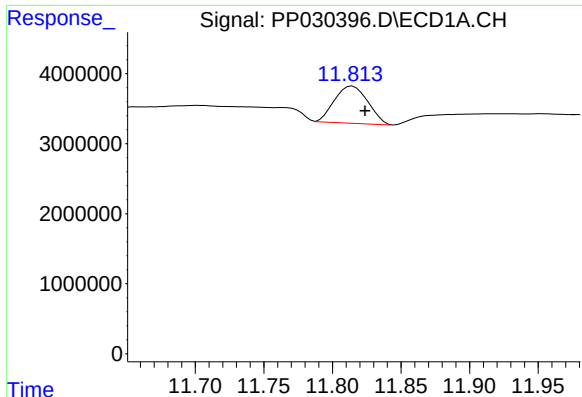
#6 MCP

R.T.: 11.564 min
Delta R.T.: -0.009 min
Response: 5522472
Conc: 7.45 ug/ml m



#6 MCP

R.T.: 11.553 min
Delta R.T.: -0.004 min
Response: 1762996
Conc: 4.33 ug/ml



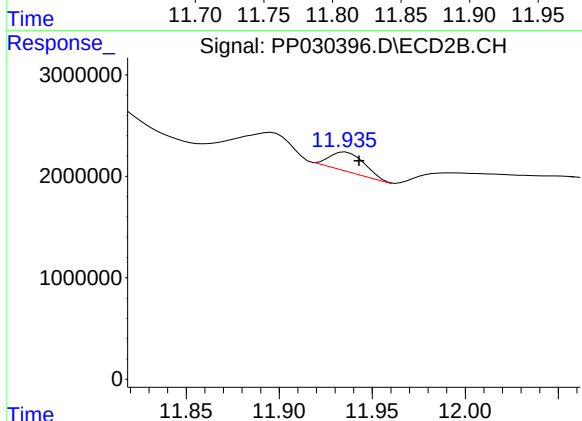
#7 MCPA

R.T.: 11.813 min
Delta R.T.: -0.010 min
Response: 8990871
Conc: 8.56 ug/ml m

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

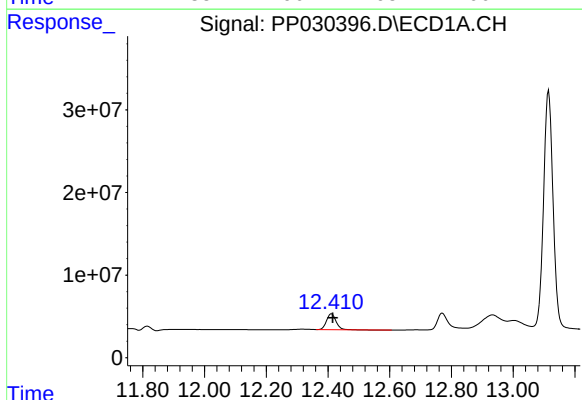
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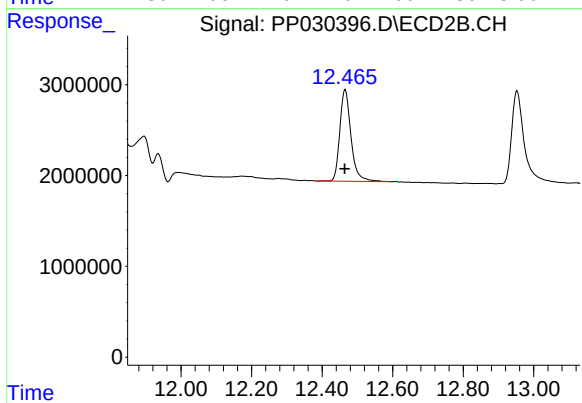
#7 MCPA

R.T.: 11.935 min
Delta R.T.: -0.008 min
Response: 2397544
Conc: 12.55 ug/ml m



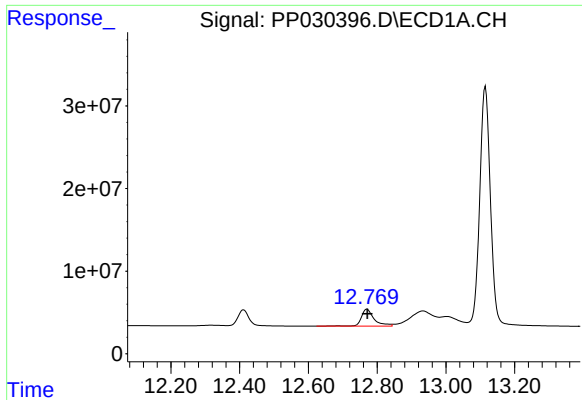
#8 DICHLORPROP

R.T.: 12.412 min
Delta R.T.: -0.003 min
Response: 40823270
Conc: 113.73 ng/ml



#8 DICHLORPROP

R.T.: 12.466 min
Delta R.T.: 0.002 min
Response: 22162525
Conc: 103.23 ng/ml



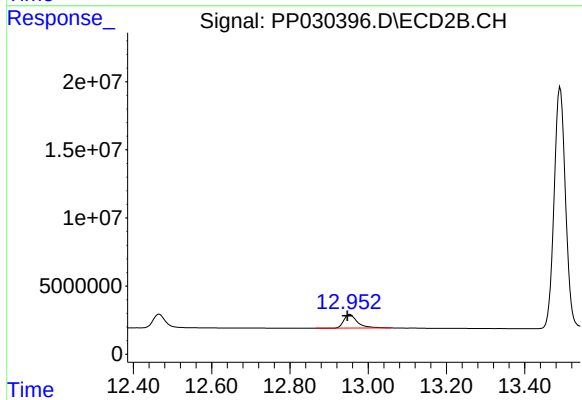
#9 2,4-D

R.T.: 12.772 min
Delta R.T.: 0.000 min
Response: 52981250
Conc: 124.97 ng/ml

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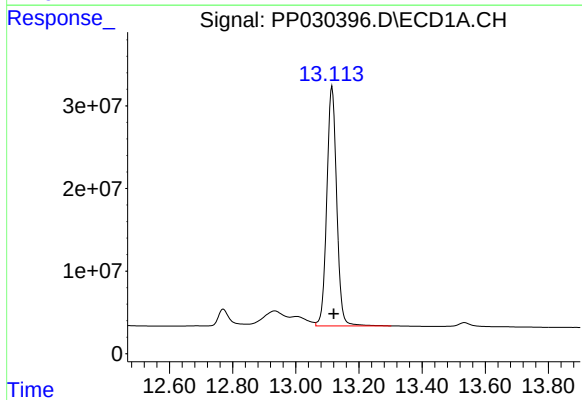
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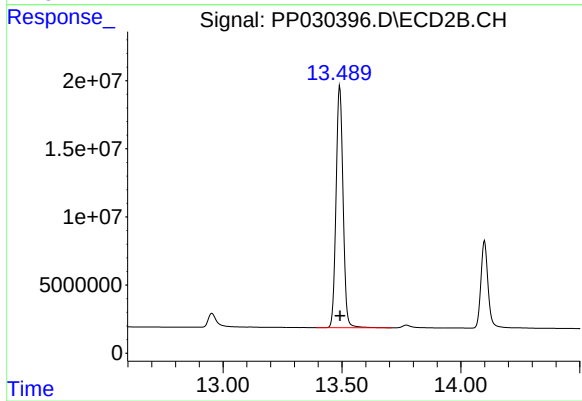
#9 2,4-D

R.T.: 12.953 min
Delta R.T.: 0.006 min
Response: 24032728
Conc: 96.37 ng/ml



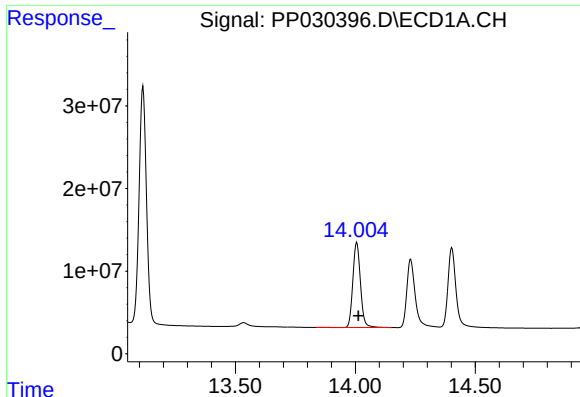
#10 Pentachlorophenol

R.T.: 13.115 min
Delta R.T.: -0.005 min
Response: 630679132
Conc: 108.90 ng/ml



#10 Pentachlorophenol

R.T.: 13.491 min
Delta R.T.: -0.002 min
Response: 361447046
Conc: 104.36 ng/ml



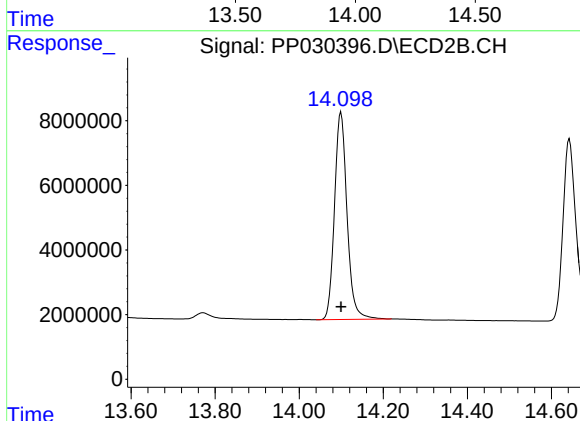
#11 2,4,5-TP (SILVEX)

R.T.: 14.006 min
Delta R.T.: -0.007 min
Response: 226732575
Conc: 107.45 ng/ml

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

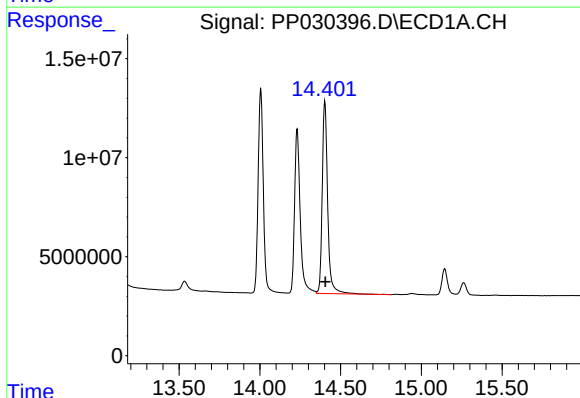
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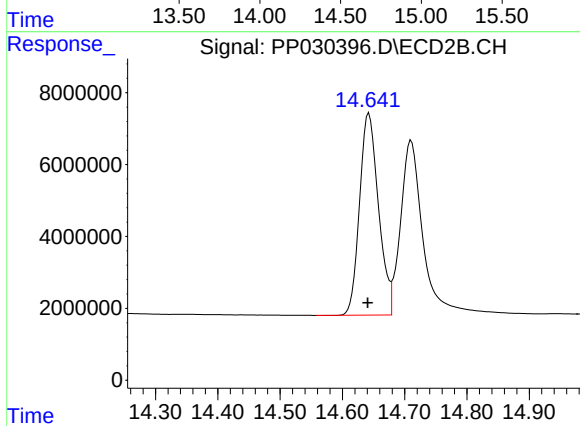
#11 2,4,5-TP (SILVEX)

R.T.: 14.099 min
Delta R.T.: 0.000 min
Response: 133008998
Conc: 100.91 ng/ml



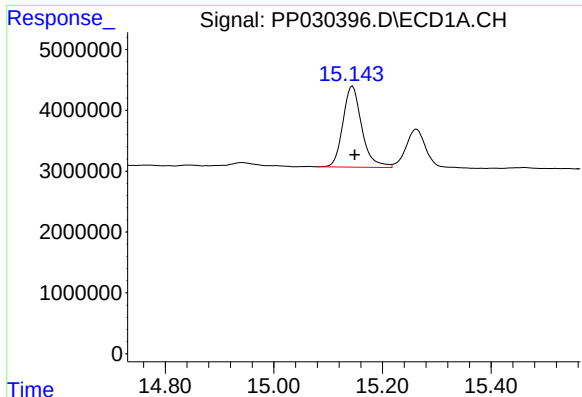
#12 2,4,5-T

R.T.: 14.403 min
Delta R.T.: -0.004 min
Response: 228355329
Conc: 108.10 ng/ml



#12 2,4,5-T

R.T.: 14.643 min
Delta R.T.: 0.002 min
Response: 118439015
Conc: 95.08 ng/ml



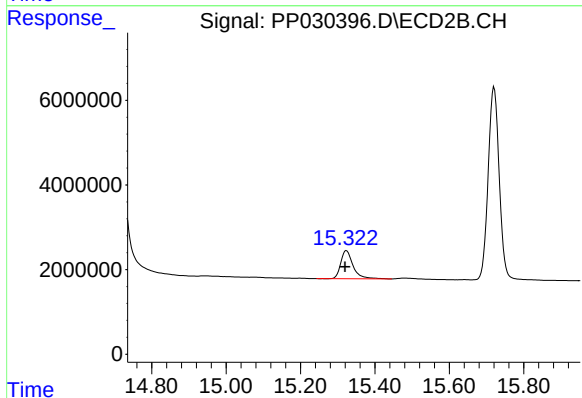
#13 2,4-DB

R.T.: 15.145 min
Delta R.T.: -0.004 min
Response: 32199627
Conc: 108.02 ng/ml

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

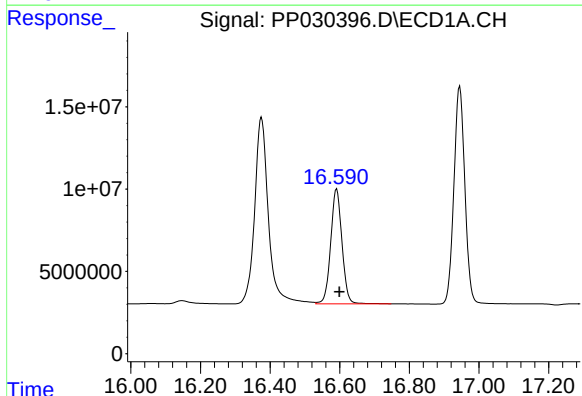
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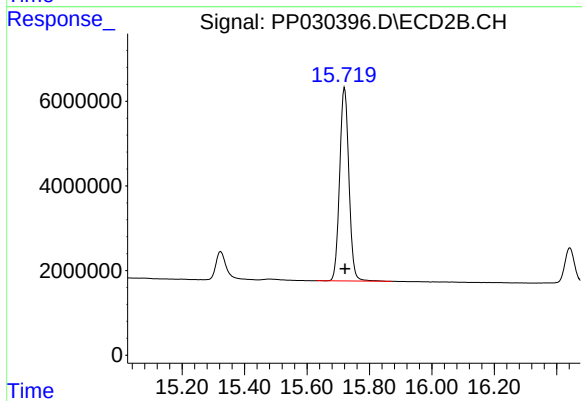
#13 2,4-DB

R.T.: 15.323 min
Delta R.T.: 0.004 min
Response: 15314803
Conc: 98.59 ng/ml



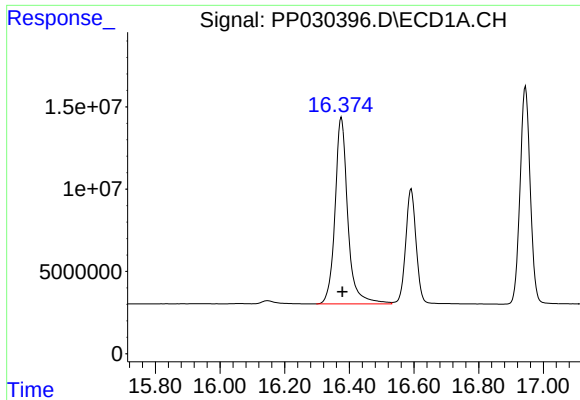
#14 DINOSEB

R.T.: 16.591 min
Delta R.T.: -0.008 min
Response: 156634217
Conc: 108.77 ng/ml



#14 DINOSEB

R.T.: 15.720 min
Delta R.T.: -0.001 min
Response: 94484249
Conc: 103.98 ng/ml



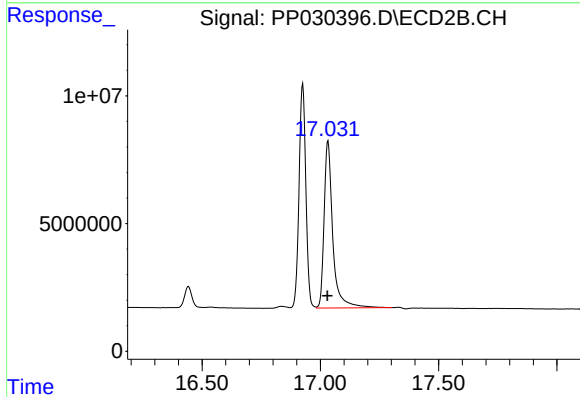
#15 Picloram

R.T.: 16.376 min
Delta R.T.: -0.003 min
Response: 311141762
Conc: 101.40 ng/ml

Instrument :
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ClientSampleId :
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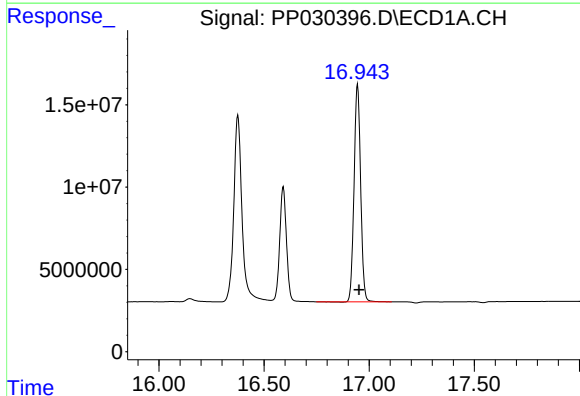
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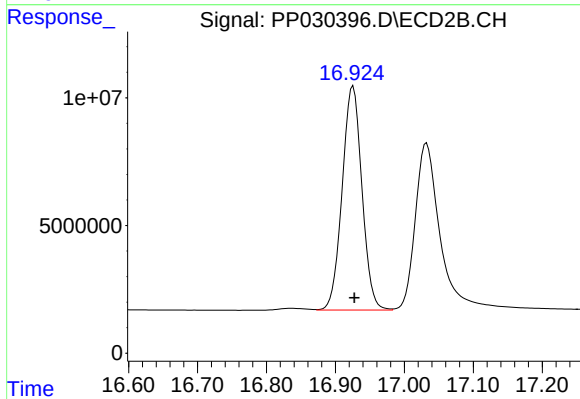
#15 Picloram

R.T.: 17.032 min
Delta R.T.: 0.003 min
Response: 166593529
Conc: 89.70 ng/ml



#16 DCPA

R.T.: 16.945 min
Delta R.T.: -0.008 min
Response: 287381012
Conc: 104.35 ng/ml



#16 DCPA

R.T.: 16.926 min
Delta R.T.: -0.002 min
Response: 174845025
Conc: 102.04 ng/ml