

Data Path : P:\HPCHEM1\ECD_S\Data\PS020318\
 Data File : PS000035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2018 13:19
 Operator : UA
 Sample : HERB SOIL MDL 04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HERB SOIL MDL 04

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 07:19:58 2018
 Quant Method : P:\HPCHEM1\ECD_S\Method\PS020118.M
 Quant Title : 8080.M
 QLast Update : Sat Feb 03 09:57:21 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	11.838	11.213	132.5E6	105.3E6	432.658	370.398m
Target Compounds							
1) T	Dalapon	3.177	2.513	25776510	165.9E6	65.655	508.464 #
2) T	3,5-DICHL...	10.250	9.355	40112330	34324119	93.844m	88.420m
3) T	4-Nitroph...	11.434	10.360	8816817	8924533	44.326	53.067m
5) T	DICAMBA	12.157	11.504	104.0E6	85130948	89.707m	77.279m
6) T	MCPD	12.493	11.722	7505387	6028761	6.815m	6.823m
7) T	MCPA	12.745	12.100	26648987	19374513	12.721m	12.560m
8) T	DICHLORPROP	13.351	12.629	28459863	23424680	100.950	88.696m
9) T	2,4-D	13.708	13.100	33606470	34047959	94.544	105.558m
10) T	Pentachlo...	14.107	13.665	447.5E6	382.6E6	83.114	79.858
11) T	2,4,5-TP ...	14.975	14.273	133.1E6	111.4E6	82.906	73.889m
12) T	2,4,5-T	15.372	14.806	117.3E6	94209102	79.374	70.754
13) T	2,4-DB	16.127	15.494	19134635	16610028	96.268m	95.164
14) T	DINOSEB	17.640	15.927	23144721	20845738	23.609m	23.125m
15) T	Picloram	17.394	17.173	130.7E6	94258043	72.756m	56.012m
16) T	DCPA	17.982	17.116	114.0E6	99161531	50.671m	48.151m

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

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ALS Vial : 3 Sample Multiplier: 1

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ECD_S
ClientSampleId :
HERB SOIL MDL 04

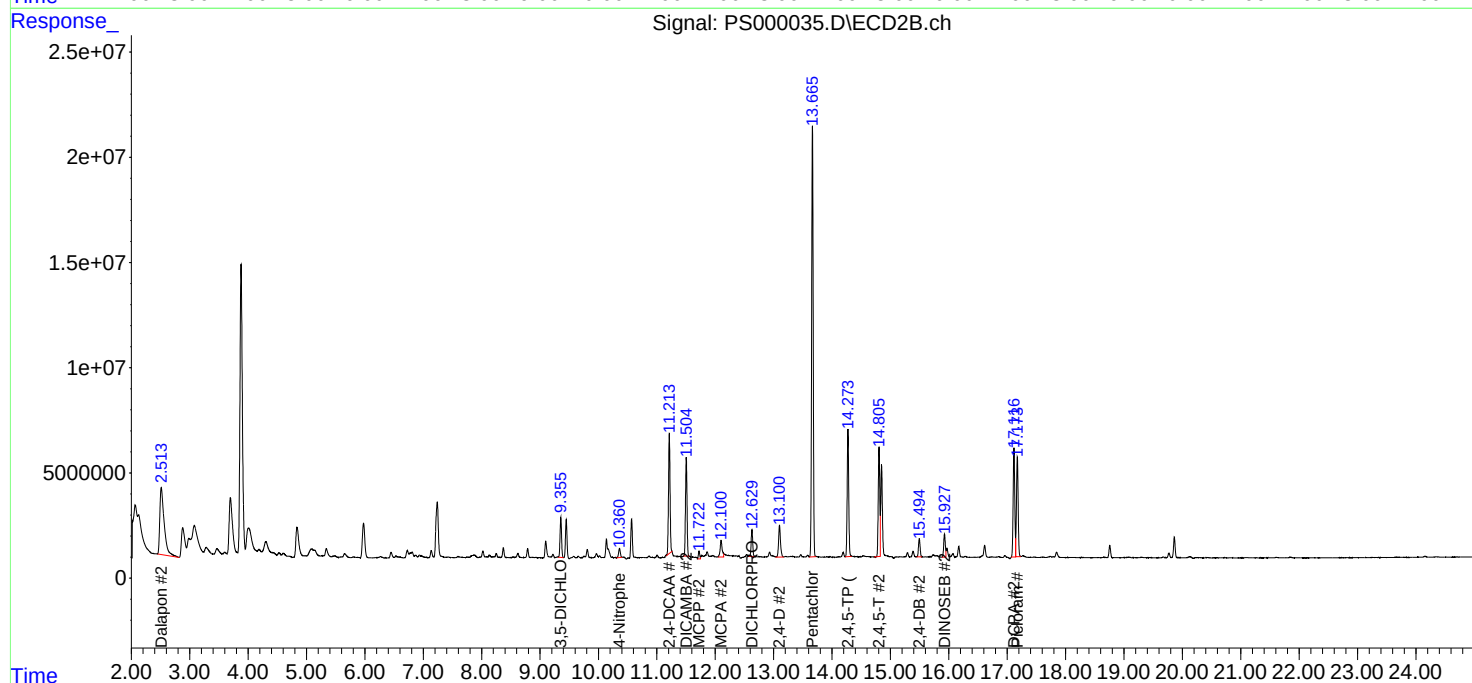
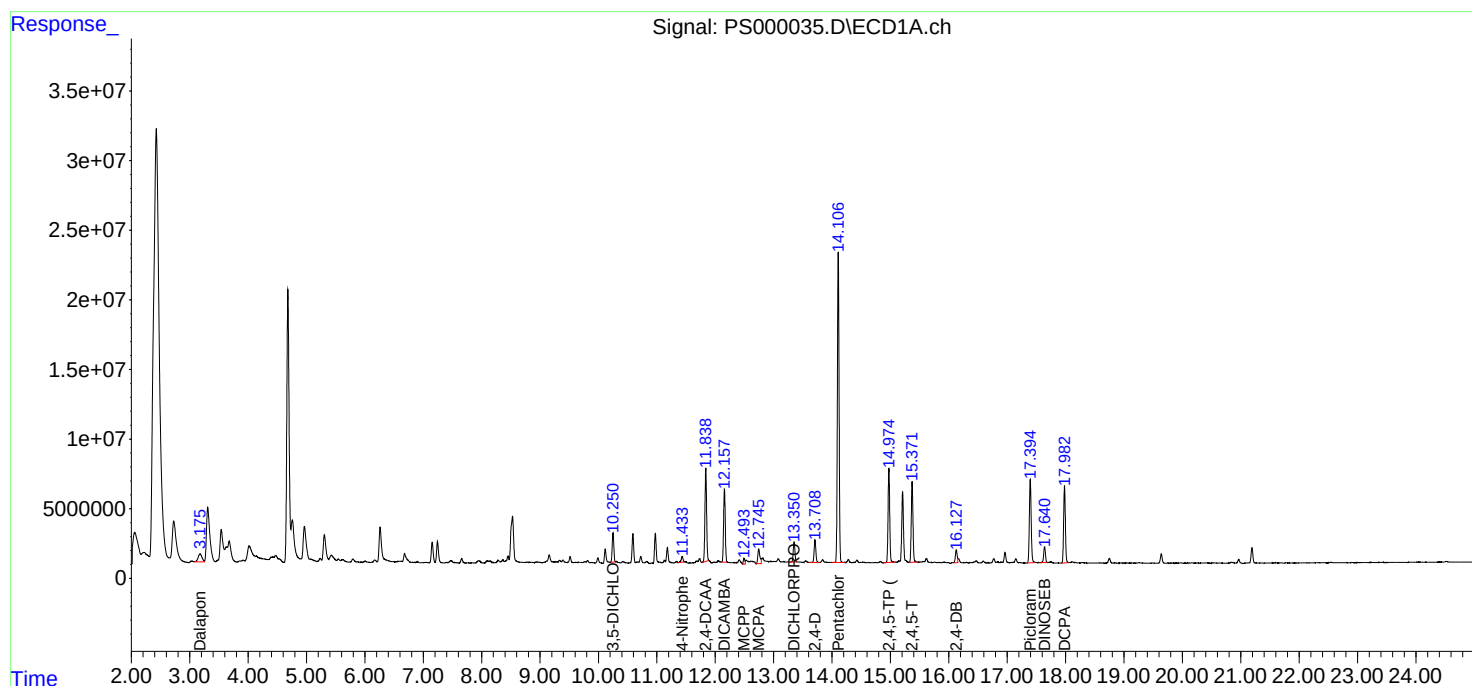
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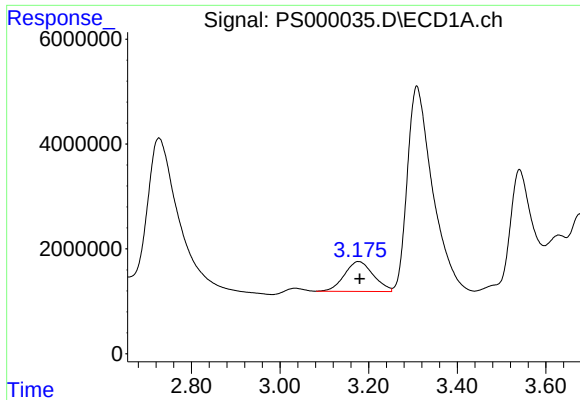
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Integration File signal 1: autoint1.e
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Quant Time: Feb 05 07:19:58 2018
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#1 Dalapon

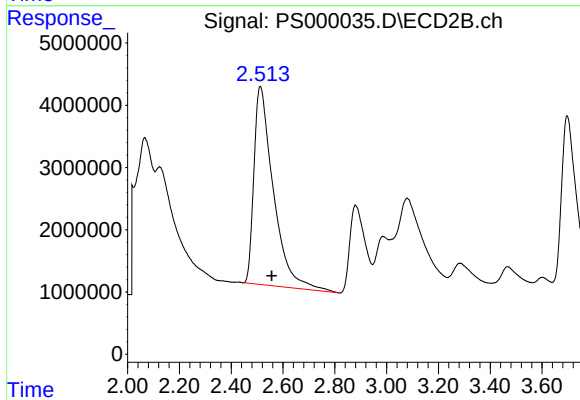
R.T.: 3.177 min
Delta R.T.: -0.003 min
Response: 25776510
Conc: 65.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HERB SOIL MDL 04

Manual Integrations
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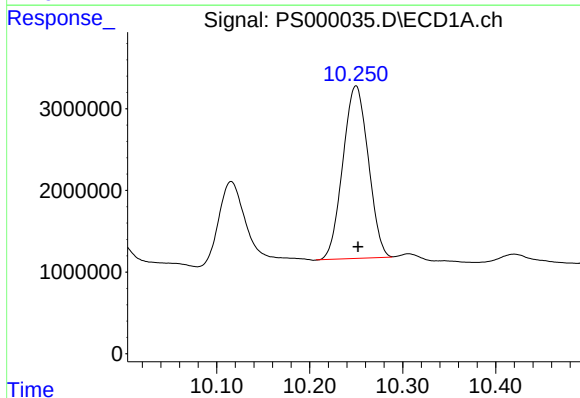
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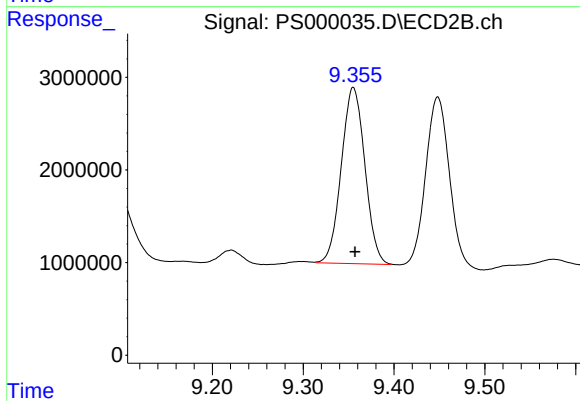
#1 Dalapon

R.T.: 2.513 min
Delta R.T.: -0.044 min
Response: 165869371
Conc: 508.46 ng/ml



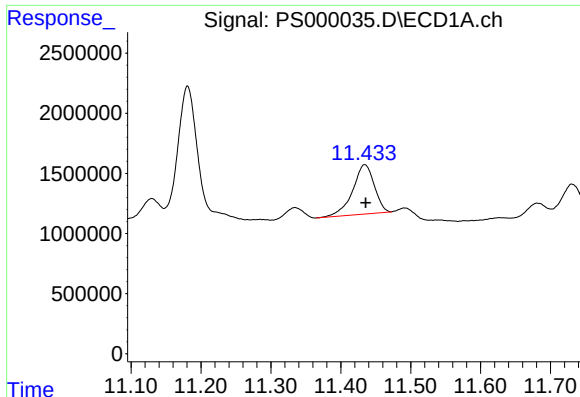
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 10.250 min
Delta R.T.: -0.002 min
Response: 40112330
Conc: 93.84 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 9.355 min
Delta R.T.: -0.002 min
Response: 34324119
Conc: 88.42 ng/ml m



#3 4-Nitrophenol

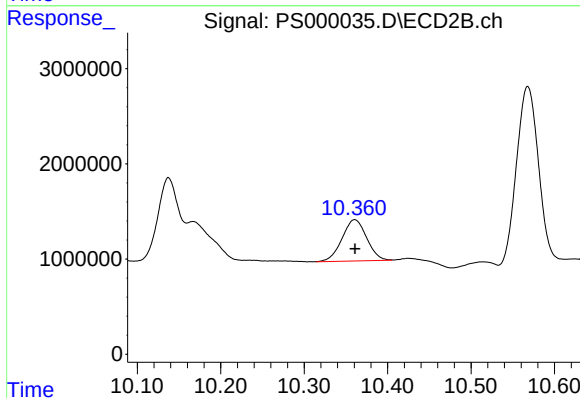
R.T.: 11.434 min
Delta R.T.: -0.002 min
Response: 8816817
Conc: 44.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HERB SOIL MDL 04

Manual Integrations
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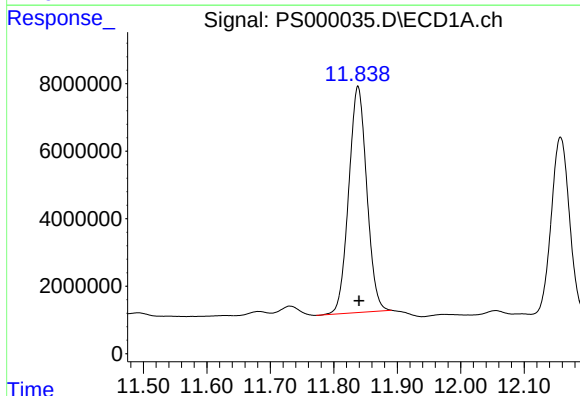
ugo

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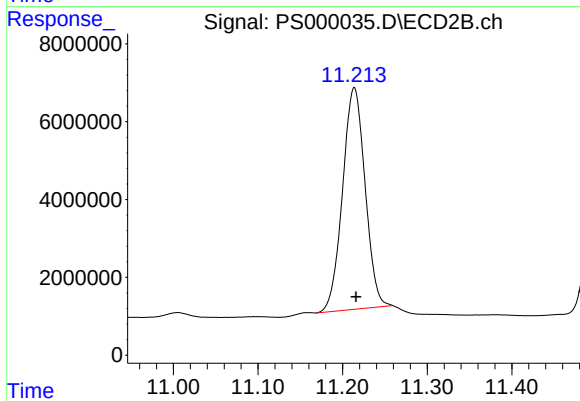
#3 4-Nitrophenol

R.T.: 10.360 min
Delta R.T.: -0.001 min
Response: 8924533
Conc: 53.07 ng/ml m



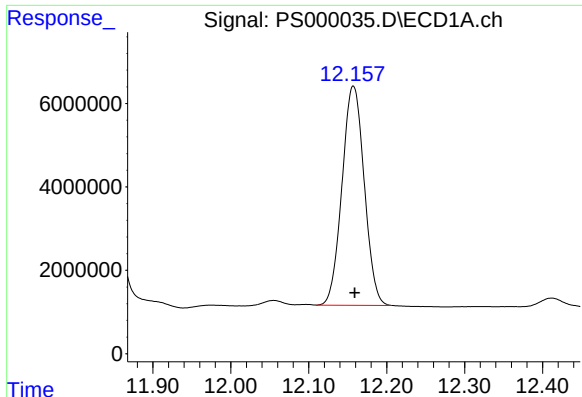
#4 2,4-DCAA

R.T.: 11.838 min
Delta R.T.: -0.002 min
Response: 132511010
Conc: 432.66 ng/ml



#4 2,4-DCAA

R.T.: 11.213 min
Delta R.T.: -0.003 min
Response: 105256602
Conc: 370.40 ng/ml m



#5 DICAMBA

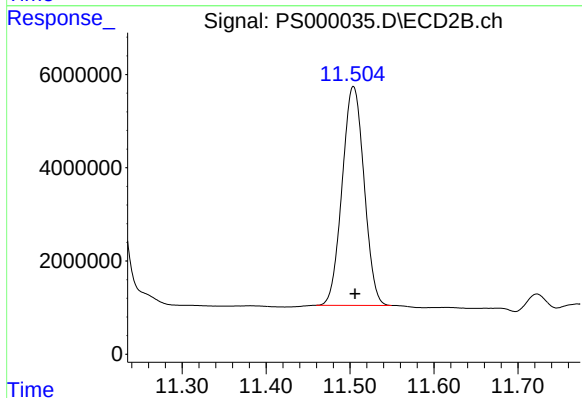
R.T.: 12.157 min
Delta R.T.: -0.002 min
Response: 104023197
Conc: 89.71 ng/ml m

Instrument :
ECD_S
ClientSampleId :
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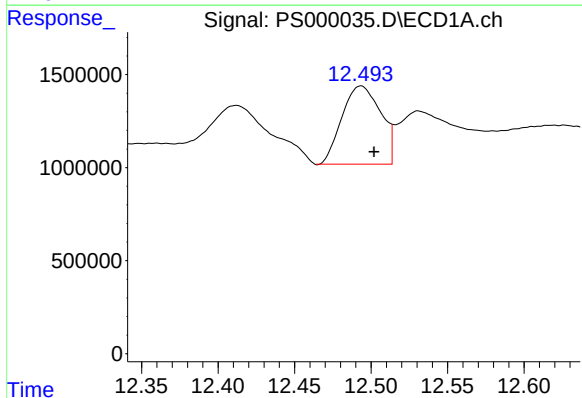
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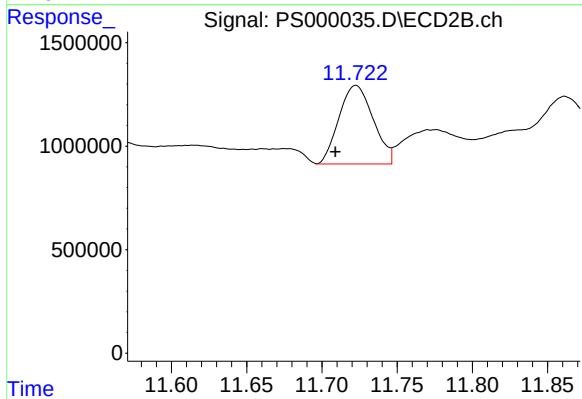
#5 DICAMBA

R.T.: 11.504 min
Delta R.T.: -0.002 min
Response: 85130948
Conc: 77.28 ng/ml m



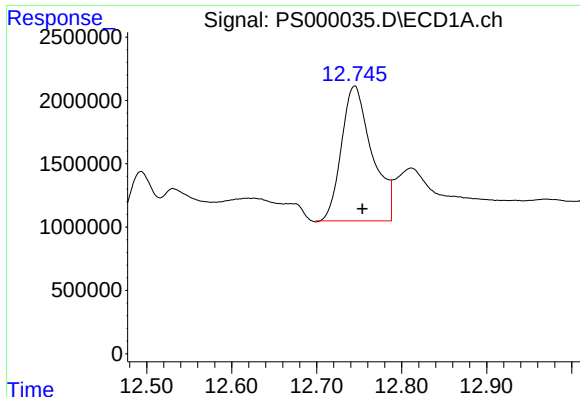
#6 MCP

R.T.: 12.493 min
Delta R.T.: -0.009 min
Response: 7505387
Conc: 6.82 ug/ml m



#6 MCP

R.T.: 11.722 min
Delta R.T.: 0.013 min
Response: 6028761
Conc: 6.82 ug/ml m



#7 MCPA

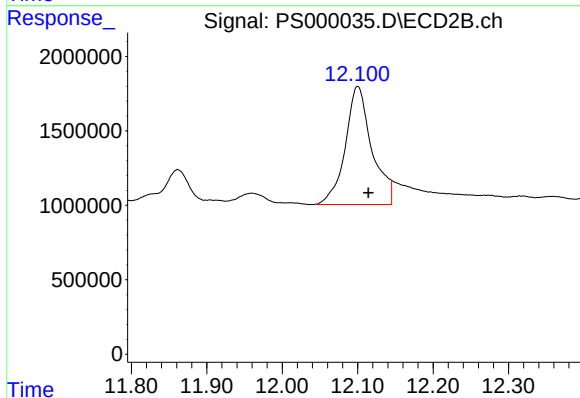
R.T.: 12.745 min
Delta R.T.: -0.009 min
Response: 26648987
Conc: 12.72 ug/ml m

Instrument :
ECD_S
ClientSampleId :
HERB SOIL MDL 04

Manual Integrations
APPROVED

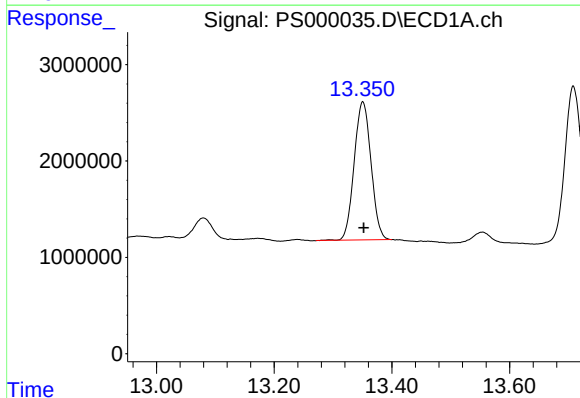
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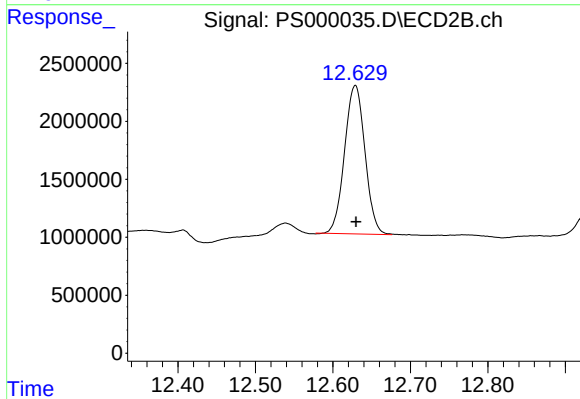
#7 MCPA

R.T.: 12.100 min
Delta R.T.: -0.014 min
Response: 19374513
Conc: 12.56 ug/ml m



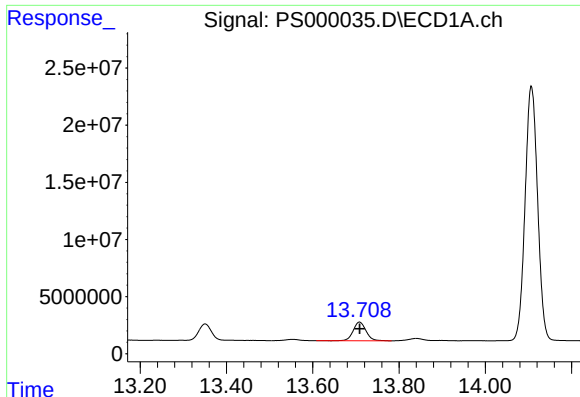
#8 DICHLORPROP

R.T.: 13.351 min
Delta R.T.: -0.001 min
Response: 28459863
Conc: 100.95 ng/ml



#8 DICHLORPROP

R.T.: 12.629 min
Delta R.T.: -0.001 min
Response: 23424680
Conc: 88.70 ng/ml m



#9 2,4-D

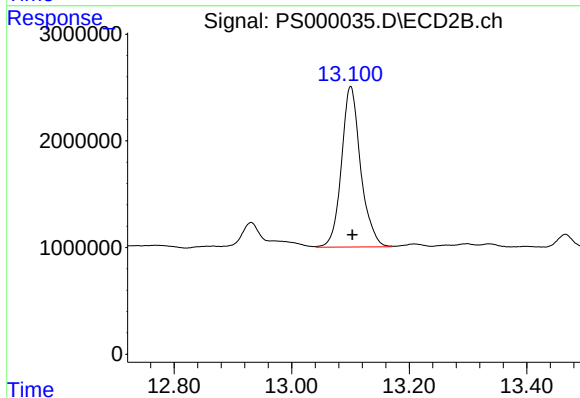
R.T.: 13.708 min
Delta R.T.: 0.000 min
Response: 33606470
Conc: 94.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HERB SOIL MDL 04

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APPROVED

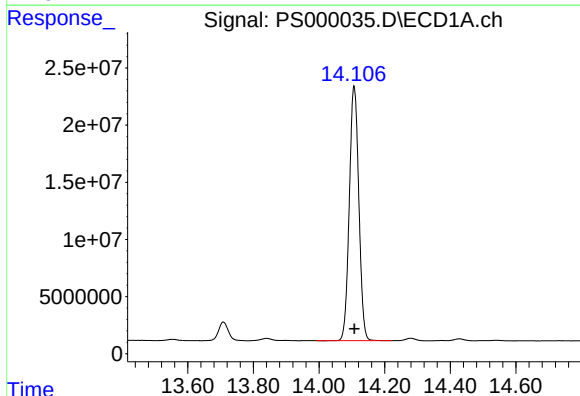
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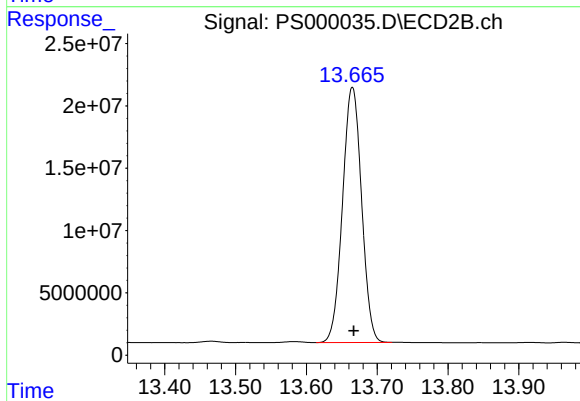
#9 2,4-D

R.T.: 13.100 min
Delta R.T.: -0.003 min
Response: 34047959
Conc: 105.56 ng/ml m



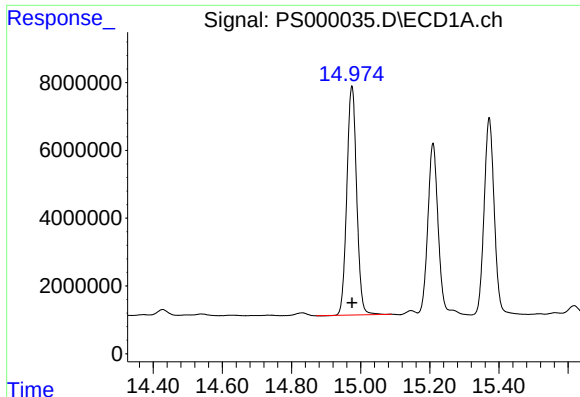
#10 Pentachlorophenol

R.T.: 14.107 min
Delta R.T.: -0.001 min
Response: 447451361
Conc: 83.11 ng/ml



#10 Pentachlorophenol

R.T.: 13.665 min
Delta R.T.: -0.002 min
Response: 382609085
Conc: 79.86 ng/ml



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

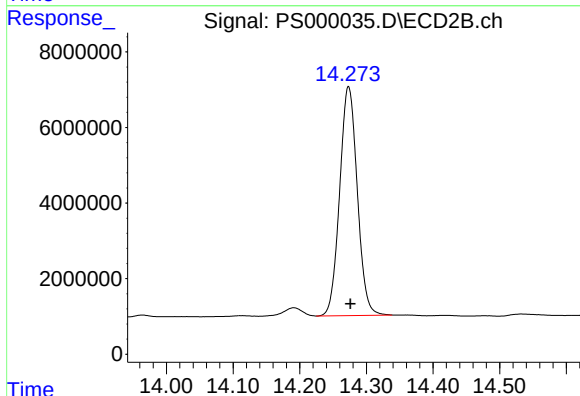
R.T.: 14.975 min
Delta R.T.: 0.000 min
Response: 133121191
Conc: 82.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HERB SOIL MDL 04

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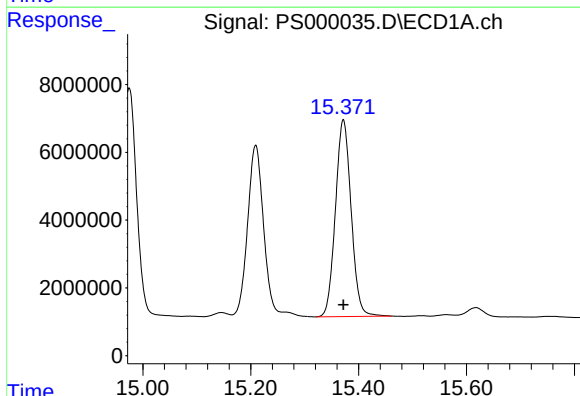
ugo

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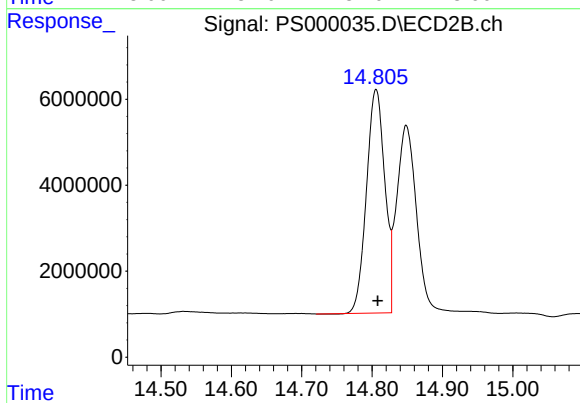
#11 2,4,5-TP (SILVEX)

R.T.: 14.273 min
Delta R.T.: -0.003 min
Response: 111400473
Conc: 73.89 ng/ml m



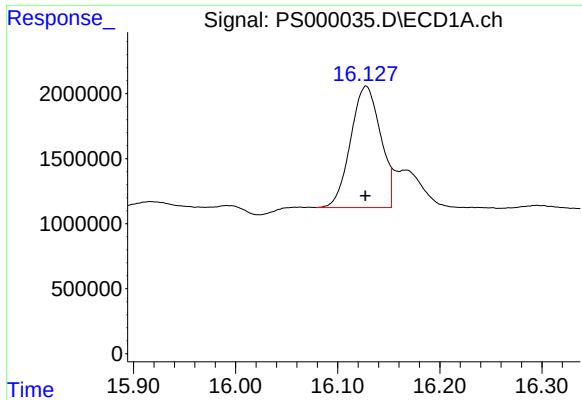
#12 2,4,5-T

R.T.: 15.372 min
Delta R.T.: 0.000 min
Response: 117315007
Conc: 79.37 ng/ml



#12 2,4,5-T

R.T.: 14.806 min
Delta R.T.: -0.002 min
Response: 94209102
Conc: 70.75 ng/ml



#13 2,4-DB

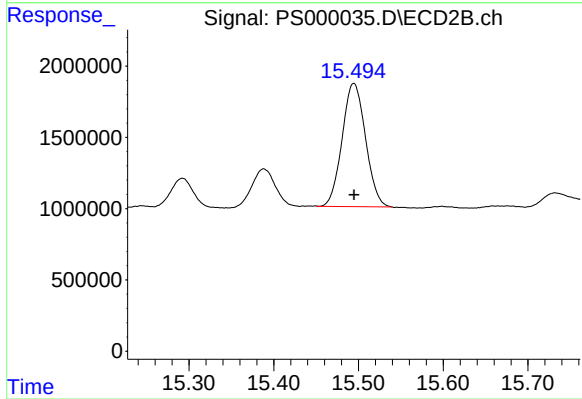
R.T.: 16.127 min
Delta R.T.: 0.000 min
Response: 19134635
Conc: 96.27 ng/ml m

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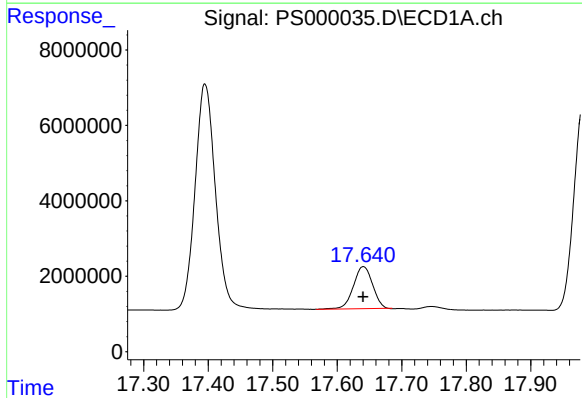
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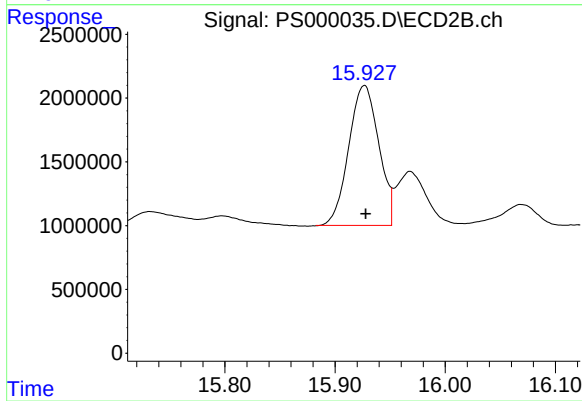
#13 2,4-DB

R.T.: 15.494 min
Delta R.T.: 0.000 min
Response: 16610028
Conc: 95.16 ng/ml



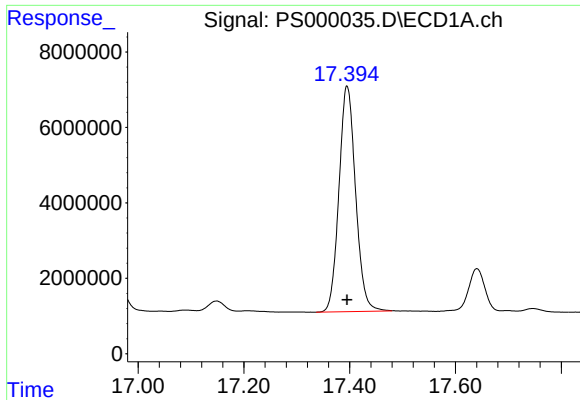
#14 DINOSEB

R.T.: 17.640 min
Delta R.T.: 0.000 min
Response: 23144721
Conc: 23.61 ng/ml m



#14 DINOSEB

R.T.: 15.927 min
Delta R.T.: -0.001 min
Response: 20845738
Conc: 23.12 ng/ml m



#15 Picloram

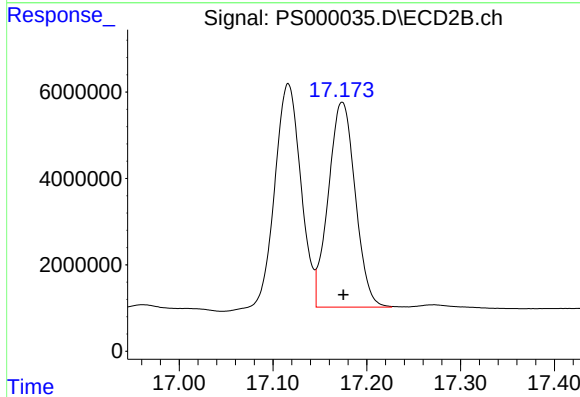
R.T.: 17.394 min
Delta R.T.: -0.001 min
Response: 130653122
Conc: 72.76 ng/ml m

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HERB SOIL MDL 04

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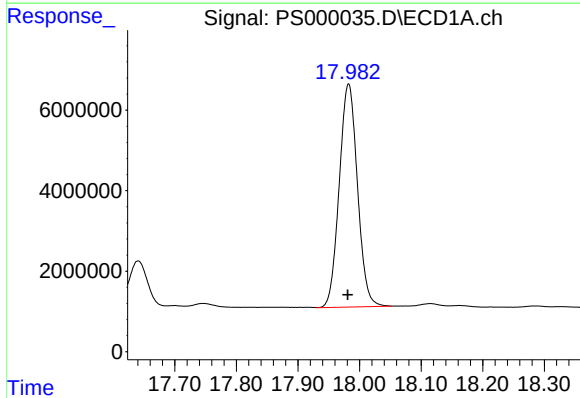
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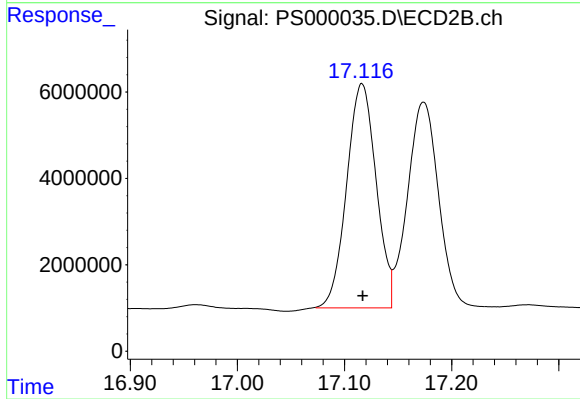
#15 Picloram

R.T.: 17.173 min
Delta R.T.: -0.002 min
Response: 94258043
Conc: 56.01 ng/ml m



#16 DCPA

R.T.: 17.982 min
Delta R.T.: 0.000 min
Response: 113970615
Conc: 50.67 ng/ml m



#16 DCPA

R.T.: 17.116 min
Delta R.T.: -0.001 min
Response: 99161531
Conc: 48.15 ng/ml m