

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092223\
 Data File : PS024360.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 12:16
 Operator : AR\AJ
 Sample : 04474-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 H-2313-SOILMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/25/2023
 Supervised By : Ankita Jodhani 09/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 12:39:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS082823.M
 Quant Title : 8080.M
 QLast Update : Mon Aug 28 16:48:10 2023
 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 x 0.5 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	6.361	6.787	465.1E6	140.9E6	233.429	209.792
Target Compounds							
1) T	Dalapon	2.481	2.548	370.5E6	161.2E6	170.484	152.839
2) T	3,5-DICHL...	5.736	5.971	590.1E6	191.1E6	194.128	183.255
3) T	4-Nitroph...	6.198	6.399	133.5E6	26341523	107.488	62.459m#
5) T	DICAMBA	6.503	6.948	1751.0E6	515.6E6	200.868	179.016
6) T	MCP	6.651	7.040	78892229	38415456	12.669	20.053m#
7) T	MCPA	6.774	7.248	151.5E6	52673682	17.457	18.020m
8) T	DICHLORPROP	7.090	7.565	391.5E6	157.7E6	172.204	217.049m#
9) T	2,4-D	7.287	7.848	582.0E6	180.4E6	218.810	202.454
10) T	Pentachlo...	7.517	8.273	5260.5E6	1617.8E6	168.213	152.695
11) T	2,4,5-TP ...	8.038	8.631	2094.5E6	623.3E6	156.698	150.231m
12) T	2,4,5-T	8.294	9.001	2255.7E6	677.2E6	182.058	168.754m
13) T	2,4-DB	8.801	9.505	380.4E6	115.6E6	176.474	251.458 #
14) T	DINOSEB	9.852	9.827	137.9E6	127.8E6	14.275	42.764m#
15) T	Picloram	9.677	10.786	3006.3E6	1120.2E6	184.086m	188.620
16) T	DCPA	10.118	10.755	4042.3E6	1136.7E6	249.619	221.576

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

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ALS Vial : 10 Sample Multiplier: 1

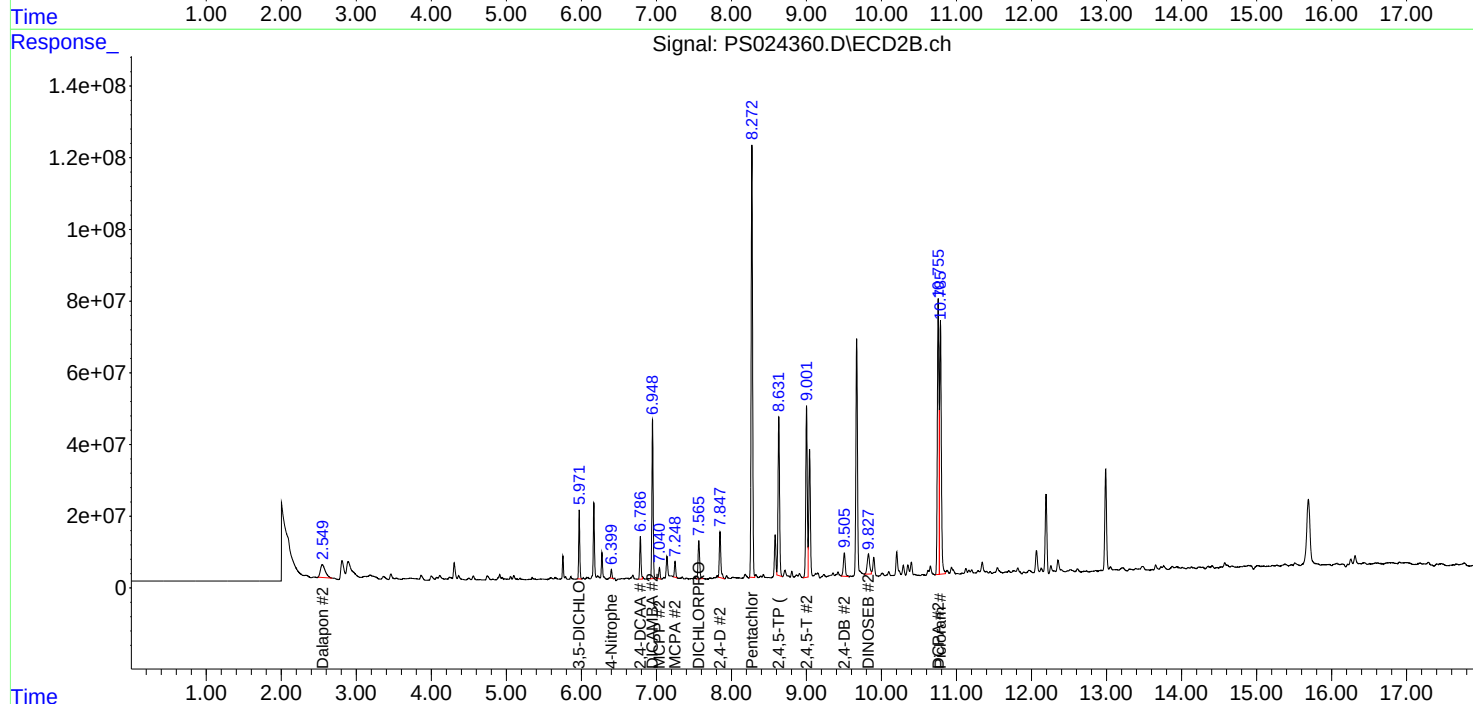
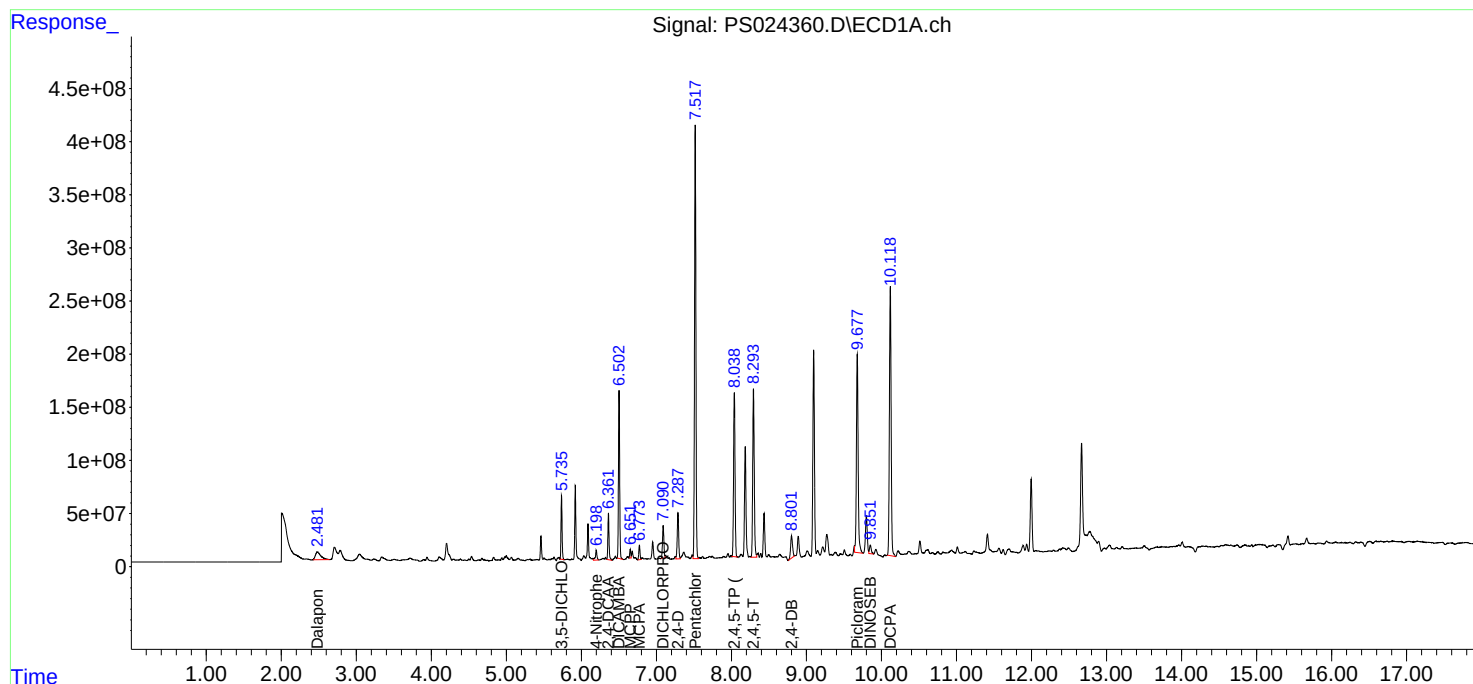
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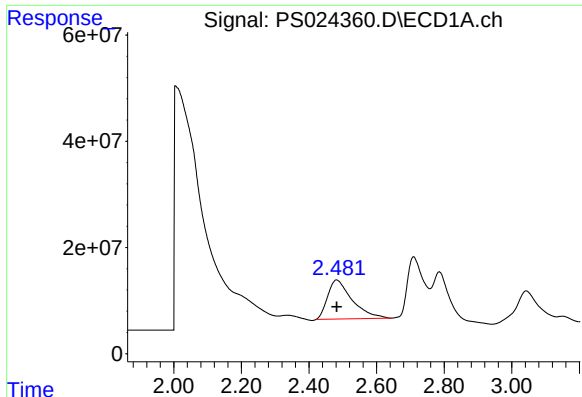
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Supervised By :Ankita Jodhani 09/26/2023

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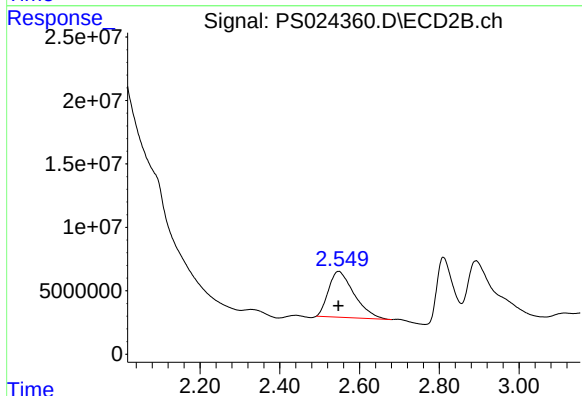
#1 Dalapon

R.T.: 2.481 min
Delta R.T.: 0.000 min
Response: 370547032
Conc: 170.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
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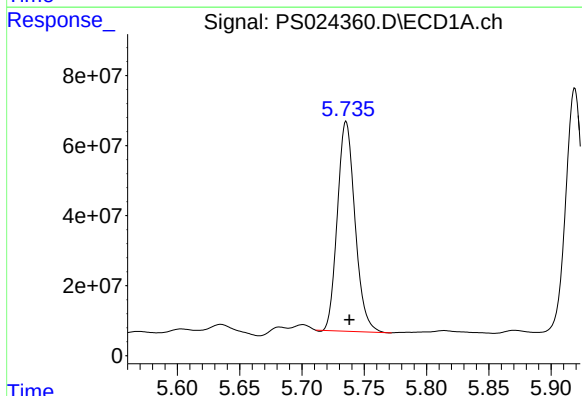
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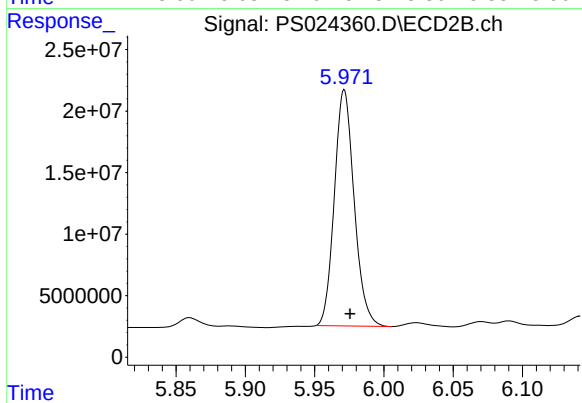
#1 Dalapon

R.T.: 2.548 min
Delta R.T.: 0.000 min
Response: 161170038
Conc: 152.84 ng/ml



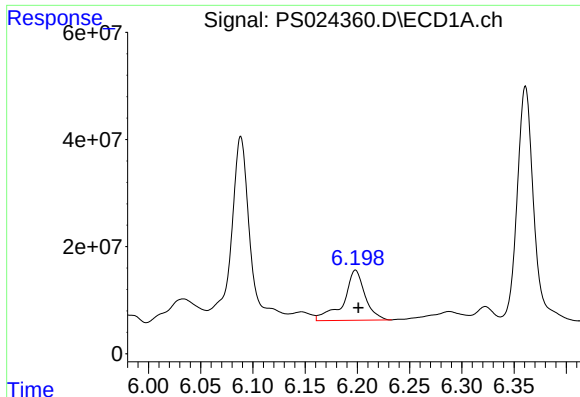
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 590104968
Conc: 194.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 191078102
Conc: 183.25 ng/ml



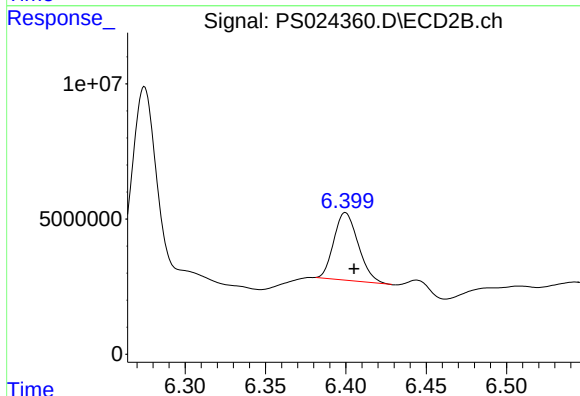
#3 4-Nitrophenol

R.T.: 6.198 min
Delta R.T.: -0.003 min
Response: 133539929
Conc: 107.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-2313-SOILMS

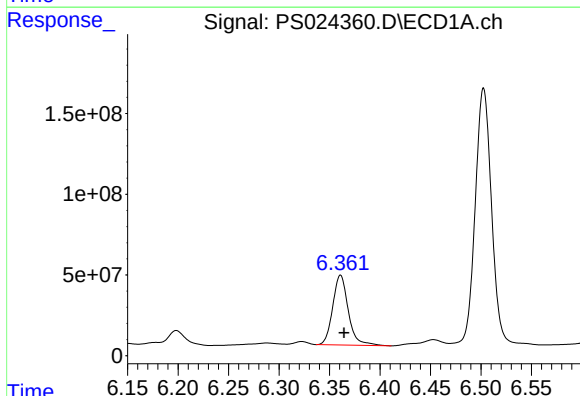
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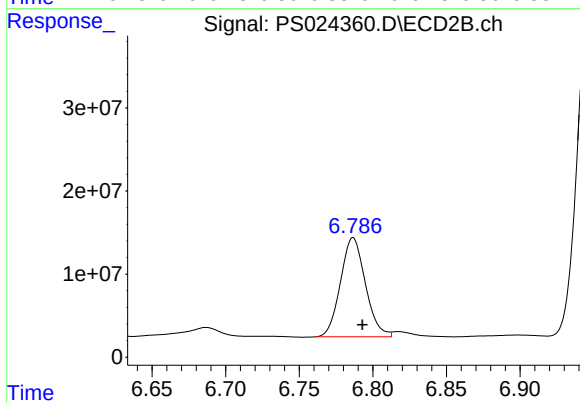
#3 4-Nitrophenol

R.T.: 6.399 min
Delta R.T.: -0.006 min
Response: 26341523
Conc: 62.46 ng/ml m



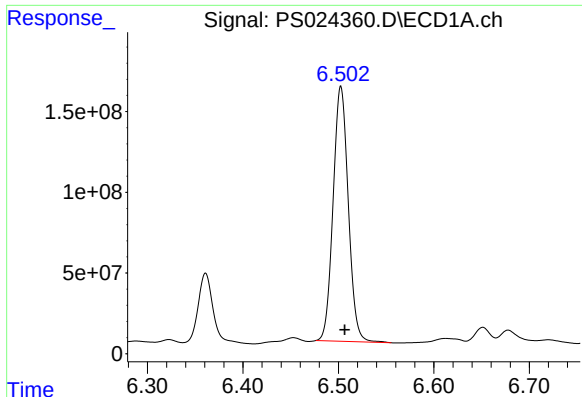
#4 2,4-DCAA

R.T.: 6.361 min
Delta R.T.: -0.004 min
Response: 465066265
Conc: 233.43 ng/ml



#4 2,4-DCAA

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 140894903
Conc: 209.79 ng/ml



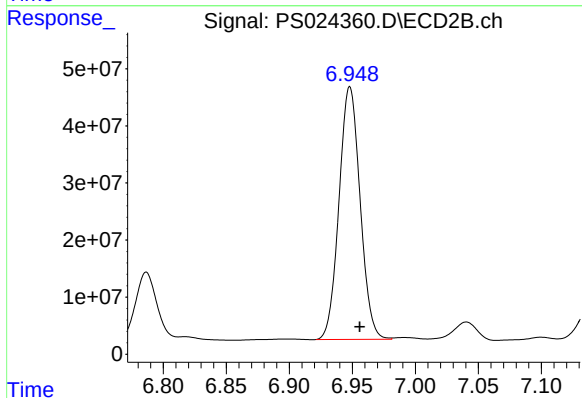
#5 DICAMBA

R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 1751004226
Conc: 200.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-2313-SOILMS

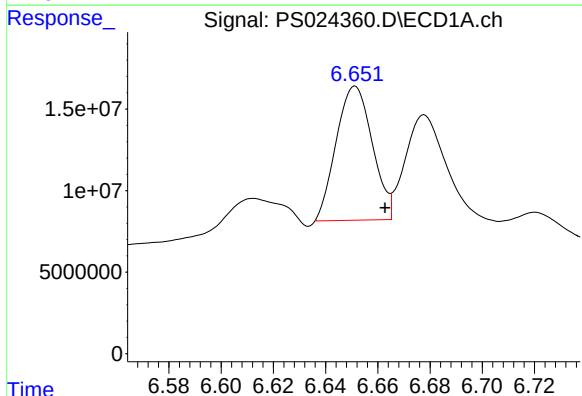
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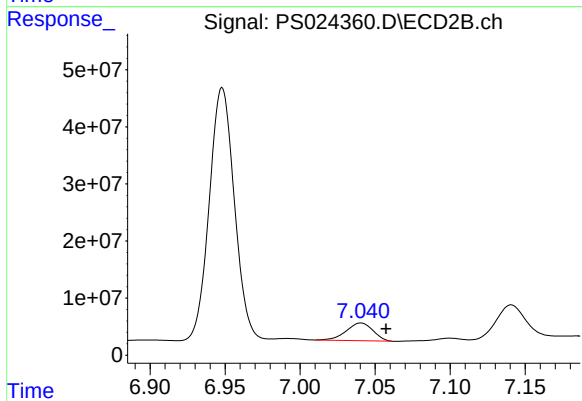
#5 DICAMBA

R.T.: 6.948 min
Delta R.T.: -0.008 min
Response: 515594300
Conc: 179.02 ng/ml



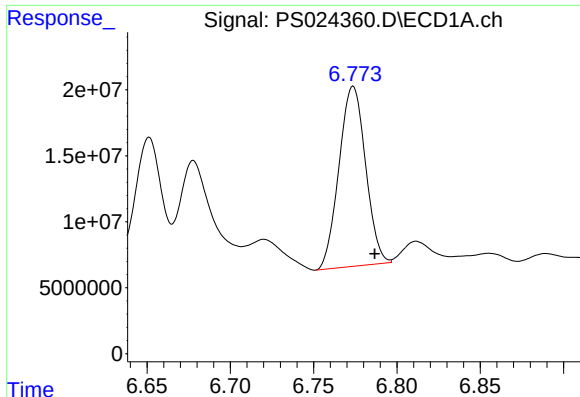
#6 MCP

R.T.: 6.651 min
Delta R.T.: -0.011 min
Response: 78892229
Conc: 12.67 ug/ml



#6 MCP

R.T.: 7.040 min
Delta R.T.: -0.017 min
Response: 38415456
Conc: 20.05 ug/ml m



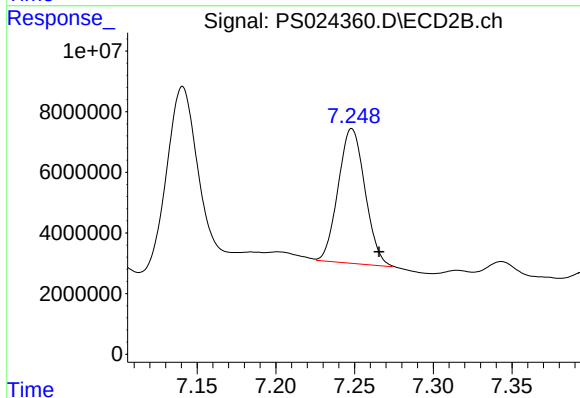
#7 MCPA

R.T.: 6.774 min
Delta R.T.: -0.013 min
Response: 151523005
Conc: 17.46 ug/ml

Instrument :
ECD_S
ClientSampleId :
H-2313-SOILMS

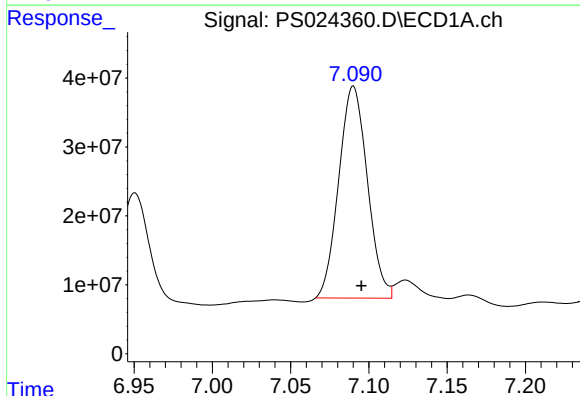
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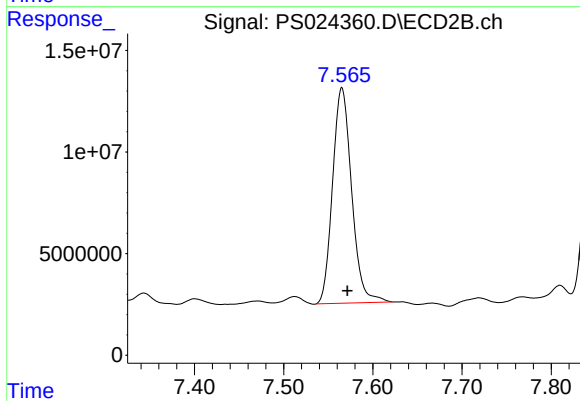
#7 MCPA

R.T.: 7.248 min
Delta R.T.: -0.018 min
Response: 52673682
Conc: 18.02 ug/ml m



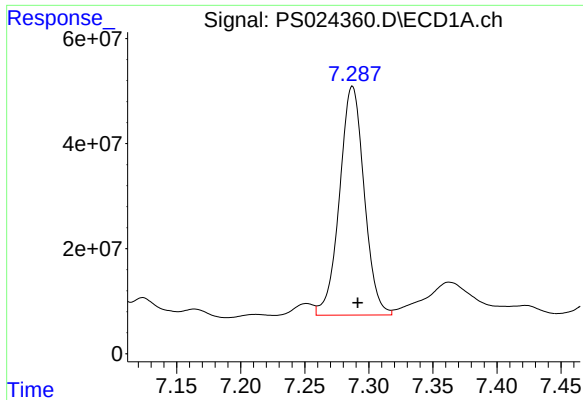
#8 DICHLORPROP

R.T.: 7.090 min
Delta R.T.: -0.005 min
Response: 391480315
Conc: 172.20 ng/ml



#8 DICHLORPROP

R.T.: 7.565 min
Delta R.T.: -0.007 min
Response: 157700898
Conc: 217.05 ng/ml m



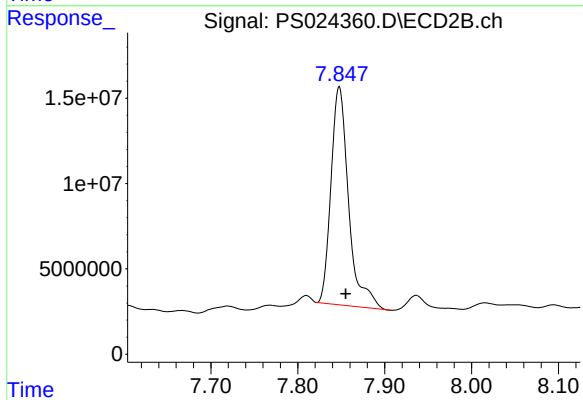
#9 2,4-D

R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 582009267
Conc: 218.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-2313-SOILMS

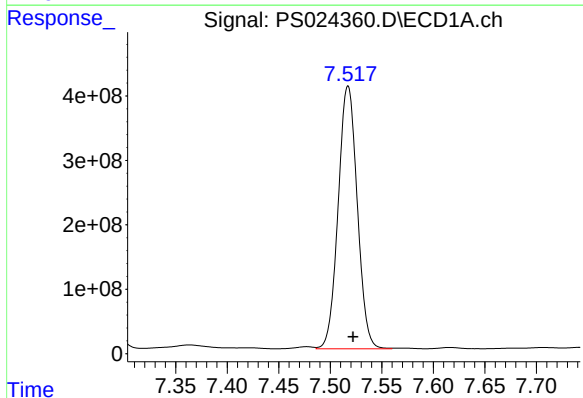
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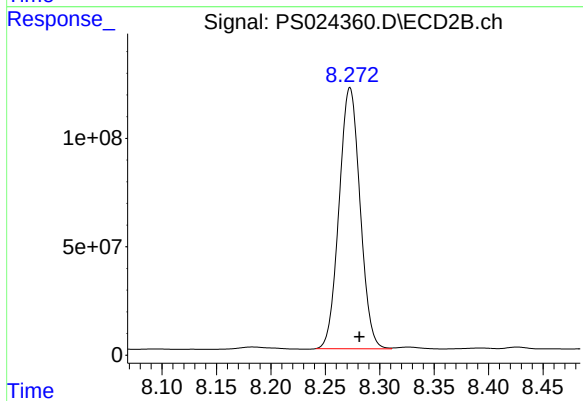
#9 2,4-D

R.T.: 7.848 min
Delta R.T.: -0.008 min
Response: 180363743
Conc: 202.45 ng/ml



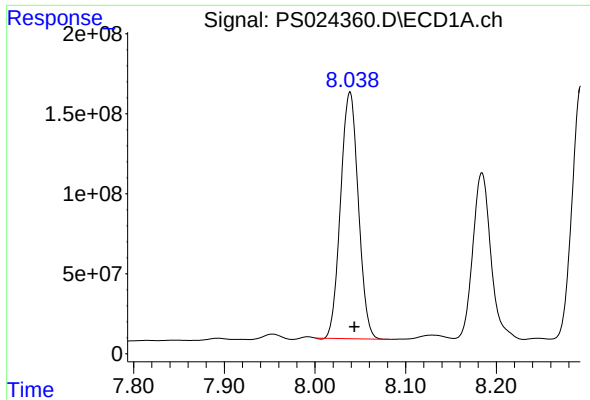
#10 Pentachlorophenol

R.T.: 7.517 min
Delta R.T.: -0.005 min
Response: 5260457192
Conc: 168.21 ng/ml



#10 Pentachlorophenol

R.T.: 8.273 min
Delta R.T.: -0.009 min
Response: 1617755045
Conc: 152.69 ng/ml



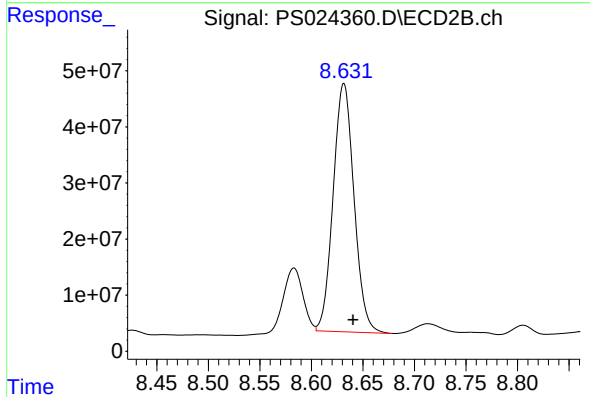
#11 2,4,5-TP (SILVEX)

R.T.: 8.038 min
Delta R.T.: -0.005 min
Response: 2094549820
Conc: 156.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
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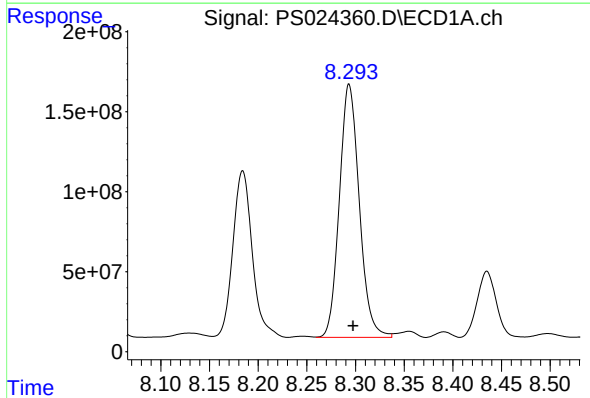
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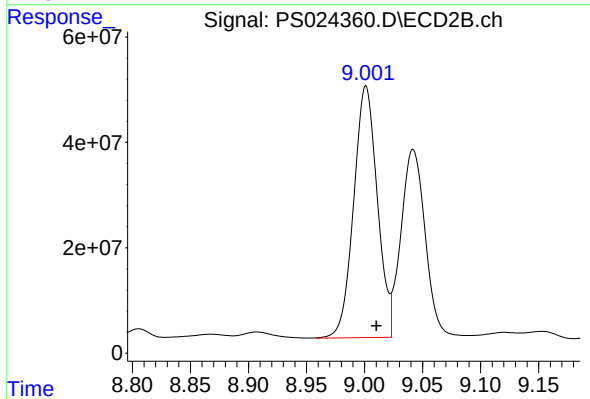
#11 2,4,5-TP (SILVEX)

R.T.: 8.631 min
Delta R.T.: -0.009 min
Response: 623342963
Conc: 150.23 ng/ml m



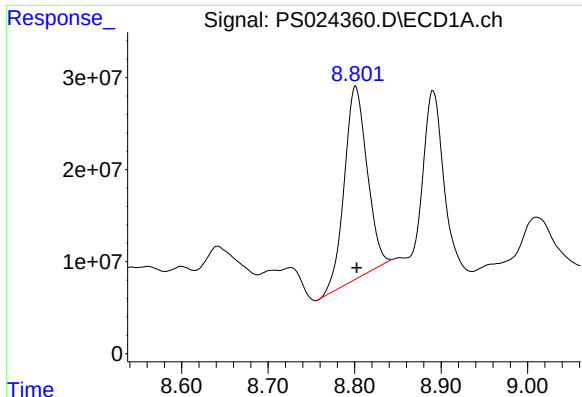
#12 2,4,5-T

R.T.: 8.294 min
Delta R.T.: -0.004 min
Response: 2255706521
Conc: 182.06 ng/ml



#12 2,4,5-T

R.T.: 9.001 min
Delta R.T.: -0.009 min
Response: 677218496
Conc: 168.75 ng/ml m



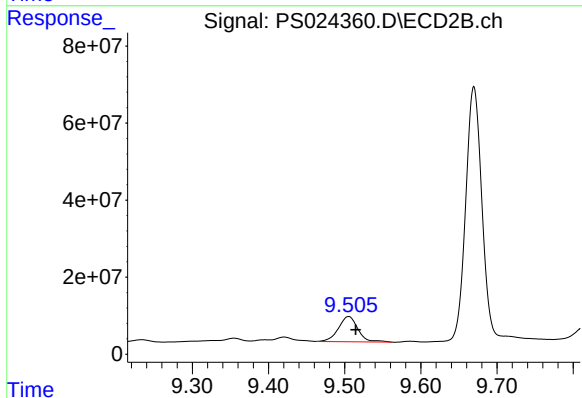
#13 2,4-DB

R.T.: 8.801 min
Delta R.T.: -0.001 min
Response: 380415536
Conc: 176.47 ng/ml

Instrument :
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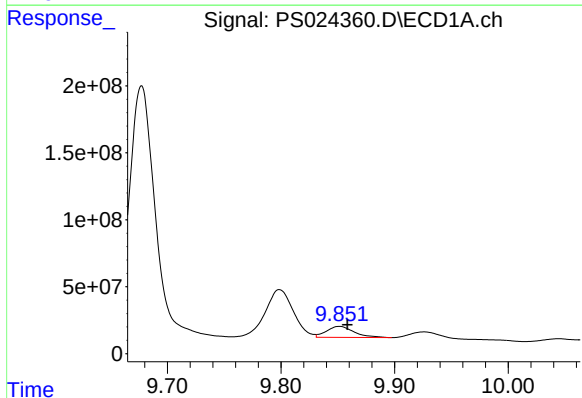
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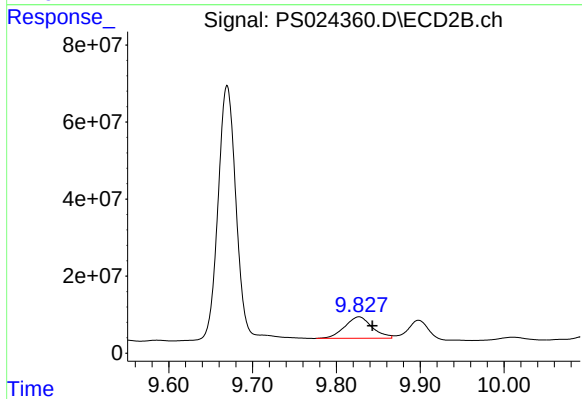
#13 2,4-DB

R.T.: 9.505 min
Delta R.T.: -0.009 min
Response: 115573790
Conc: 251.46 ng/ml



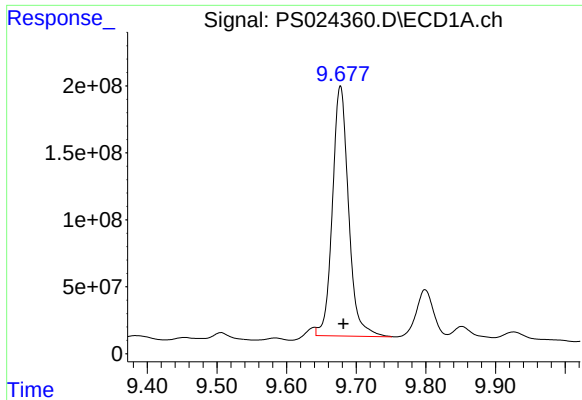
#14 DINOSEB

R.T.: 9.852 min
Delta R.T.: -0.007 min
Response: 137926566
Conc: 14.27 ng/ml



#14 DINOSEB

R.T.: 9.827 min
Delta R.T.: -0.016 min
Response: 127835565
Conc: 42.76 ng/ml m



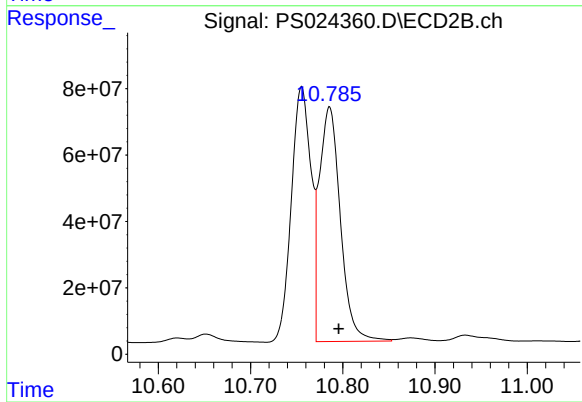
#15 Picloram

R.T.: 9.677 min
Delta R.T.: -0.005 min
Response: 3006345247
Conc: 184.09 ng/ml

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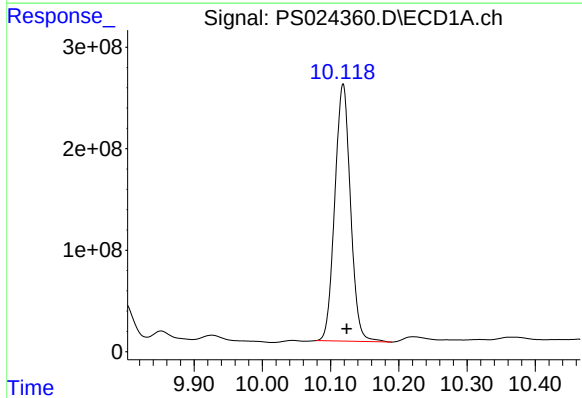
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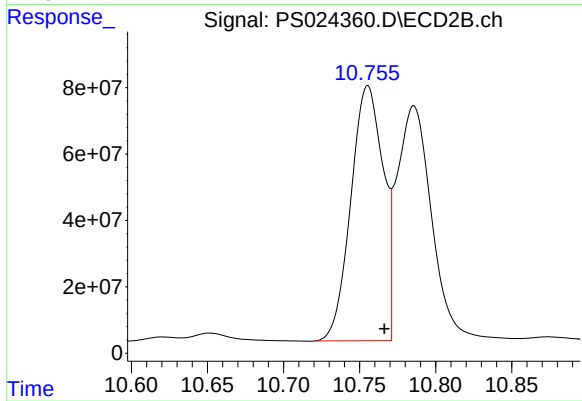
#15 Picloram

R.T.: 10.786 min
Delta R.T.: -0.010 min
Response: 1120174974
Conc: 188.62 ng/ml



#16 DCPA

R.T.: 10.118 min
Delta R.T.: -0.005 min
Response: 4042308486
Conc: 249.62 ng/ml



#16 DCPA

R.T.: 10.755 min
Delta R.T.: -0.011 min
Response: 1136675062
Conc: 221.58 ng/ml