

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092223\
 Data File : PS024368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 16:29
 Operator : AR\AJ
 Sample : 04474-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 H-2313-SOILMSD

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 17:01:12 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	1137.9E6	380.0E6	571.149	565.787m
Target Compounds							
1) T	Dalapon	2.482	2.547	504.0E6	235.5E6	231.876	223.343
2) T	3,5-DICHL...	5.736	5.972	809.3E6	261.0E6	266.245	250.345
3) T	4-Nitroph...	6.199	6.400	299.5E6	92486841	241.070	219.299m
5) T	DICAMBA	6.503	6.949	2210.3E6	691.9E6	253.554	240.220
6) T	MCPD	6.652	7.043	123.8E6	43419931	19.888m	22.666m
7) T	MCPA	6.774	7.249	195.1E6	68909409	22.483	23.574m
8) T	DICHLORPROP	7.091	7.564	585.6E6	189.6E6	257.573m	261.016m
9) T	2,4-D	7.289	7.849	695.7E6	220.0E6	261.563	246.900
10) T	Pentachlo...	7.518	8.273	8546.4E6	2679.7E6	273.286	252.932
11) T	2,4,5-TP ...	8.039	8.632	3442.4E6	1002.0E6	257.537	241.490
12) T	2,4,5-T	8.294	9.001	3297.6E6	978.8E6	266.149	243.892
13) T	2,4-DB	8.799	9.505	547.6E6	126.2E6	254.040	274.540
14) T	DINOSEB	9.852	9.833	2234.5E6	673.1E6	231.257	225.181
15) T	Picloram	9.677	10.786	4011.0E6	1430.6E6	245.601	240.885
16) T	DCPA	10.118	10.754	4506.9E6	1368.3E6	278.311	266.722m

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

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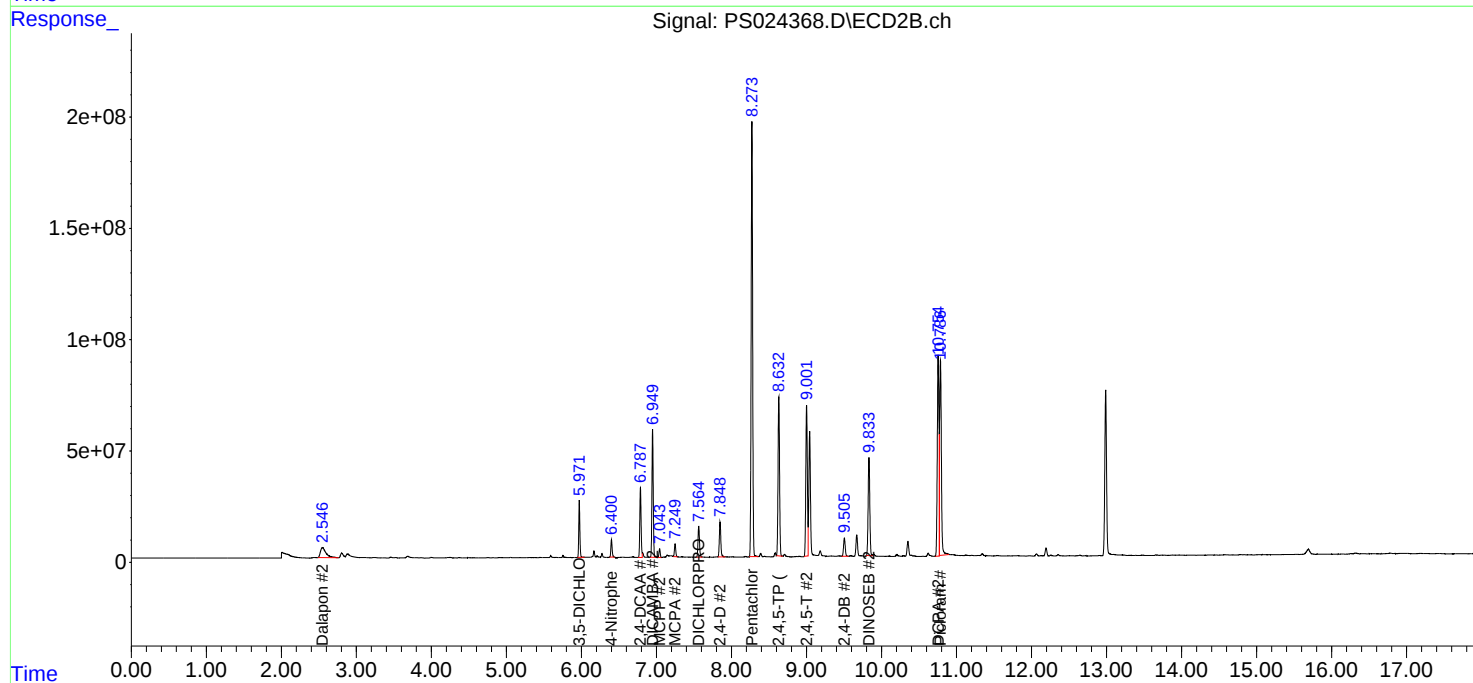
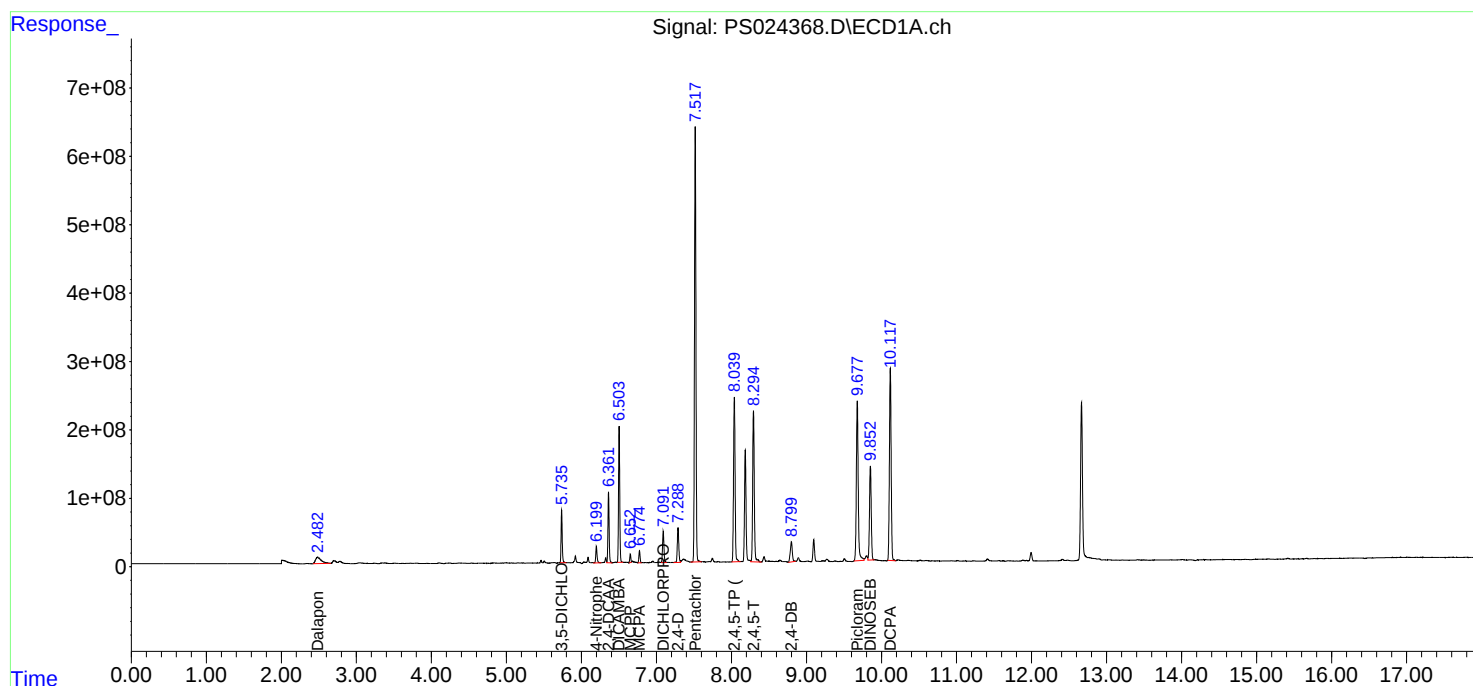
Instrument :
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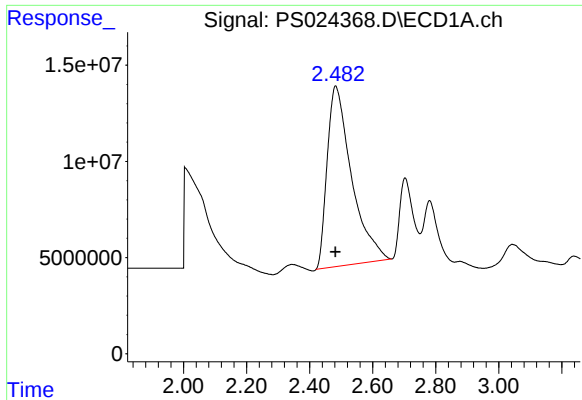
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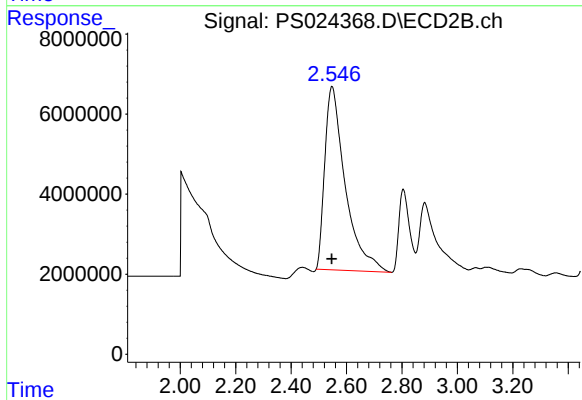
#1 Dalapon

R.T.: 2.482 min
Delta R.T.: 0.000 min
Response: 503983236
Conc: 231.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
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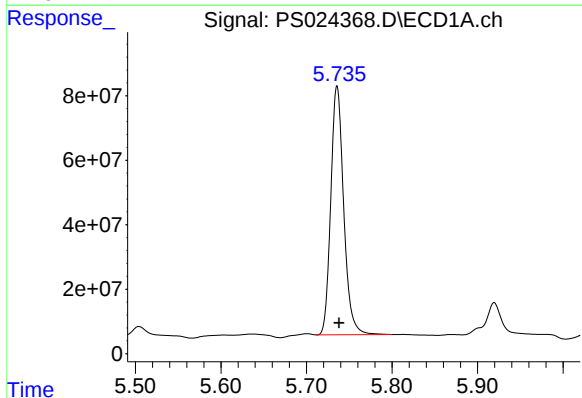
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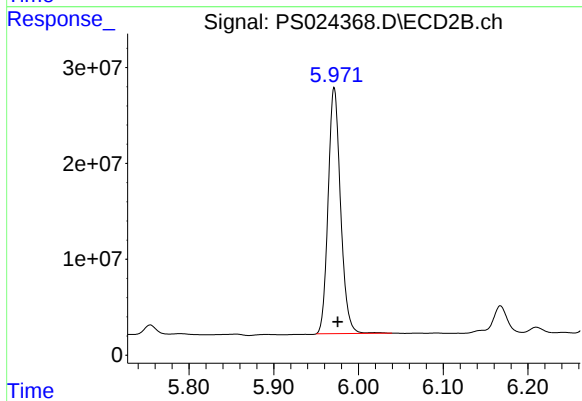
#1 Dalapon

R.T.: 2.547 min
Delta R.T.: 0.000 min
Response: 235517106
Conc: 223.34 ng/ml



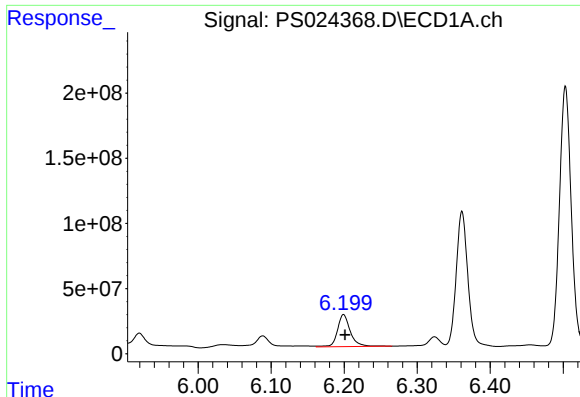
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 809324873
Conc: 266.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.972 min
Delta R.T.: -0.004 min
Response: 261032256
Conc: 250.34 ng/ml



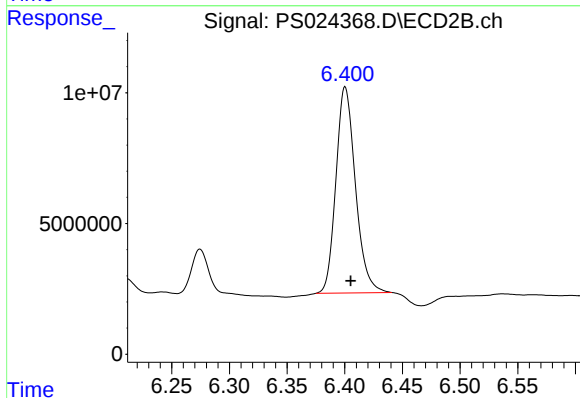
#3 4-Nitrophenol

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 299497189
Conc: 241.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
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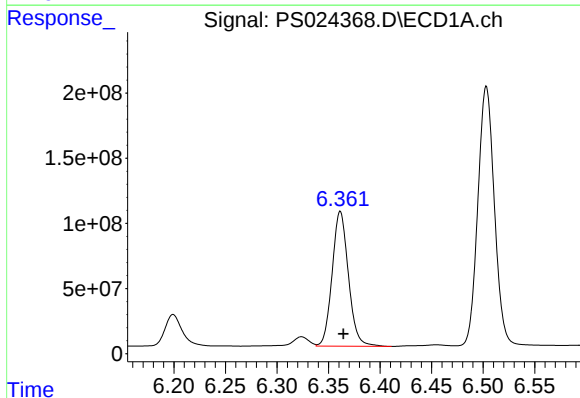
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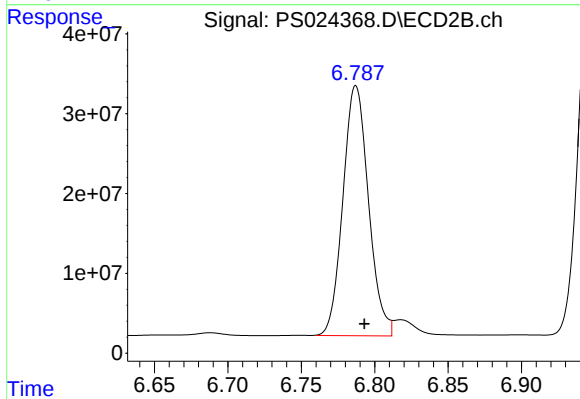
#3 4-Nitrophenol

R.T.: 6.400 min
Delta R.T.: -0.005 min
Response: 92486841
Conc: 219.30 ng/ml m



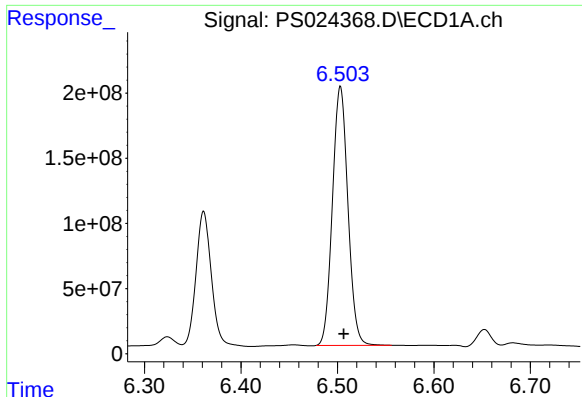
#4 2,4-DCAA

R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 1137913000
Conc: 571.15 ng/ml



#4 2,4-DCAA

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 379978073
Conc: 565.79 ng/ml m



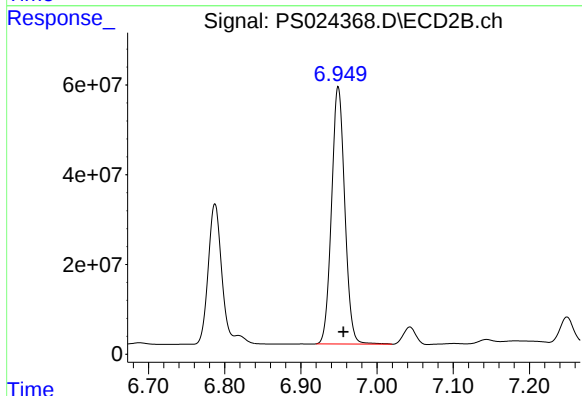
#5 DICAMBA

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 2210276493
Conc: 253.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-2313-SOILMSD

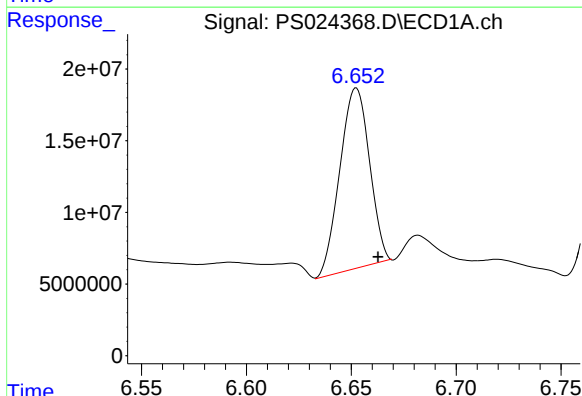
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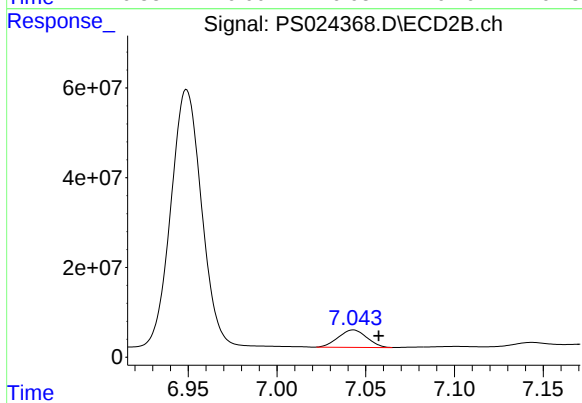
#5 DICAMBA

R.T.: 6.949 min
Delta R.T.: -0.007 min
Response: 691873225
Conc: 240.22 ng/ml



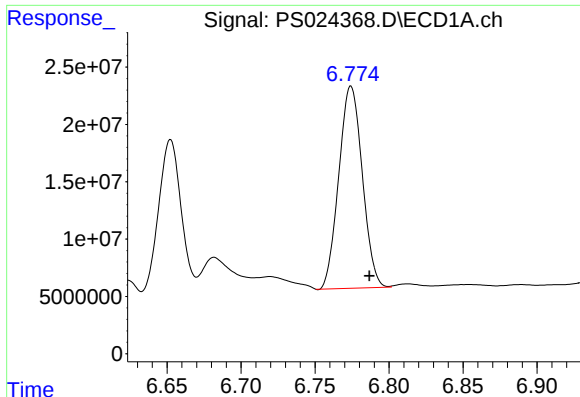
#6 MCP

R.T.: 6.652 min
Delta R.T.: -0.011 min
Response: 123847936
Conc: 19.89 ug/ml m



#6 MCP

R.T.: 7.043 min
Delta R.T.: -0.015 min
Response: 43419931
Conc: 22.67 ug/ml m



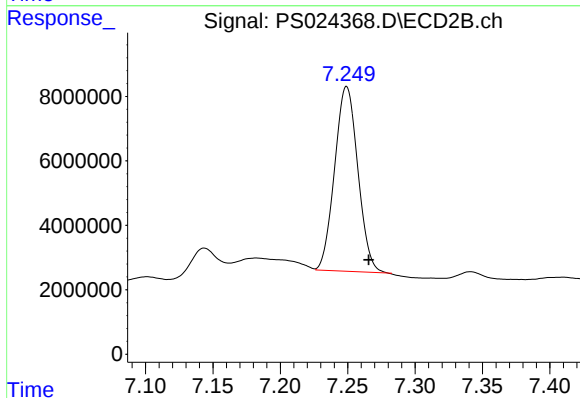
#7 MCPA

R.T.: 6.774 min
Delta R.T.: -0.012 min
Response: 195140513
Conc: 22.48 ug/ml

Instrument :
ECD_S
ClientSampleId :
H-2313-SOILMSD

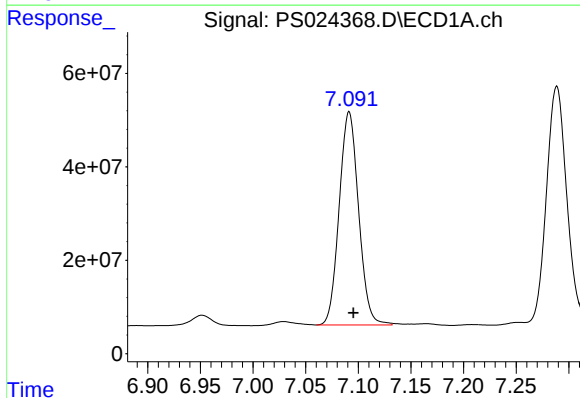
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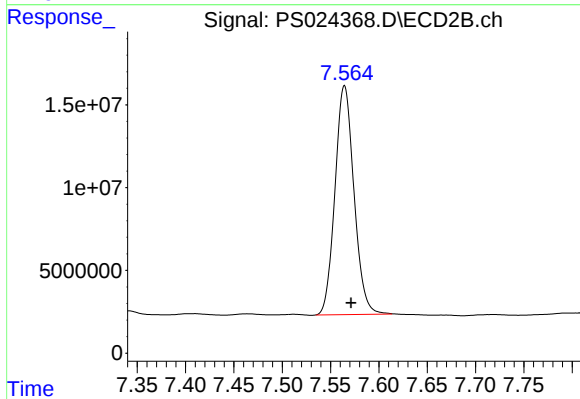
#7 MCPA

R.T.: 7.249 min
Delta R.T.: -0.017 min
Response: 68909409
Conc: 23.57 ug/ml m



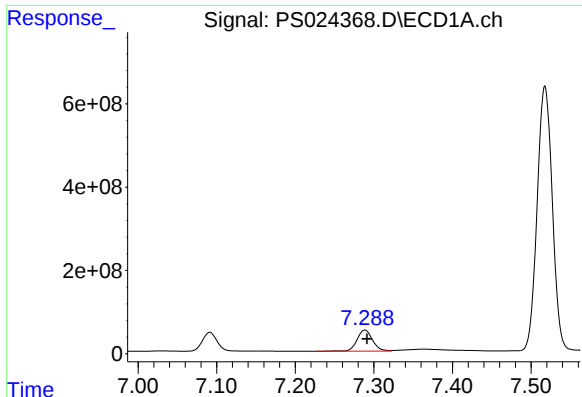
#8 DICHLORPROP

R.T.: 7.091 min
Delta R.T.: -0.004 min
Response: 585552599
Conc: 257.57 ng/ml m



#8 DICHLORPROP

R.T.: 7.564 min
Delta R.T.: -0.007 min
Response: 189645962
Conc: 261.02 ng/ml m



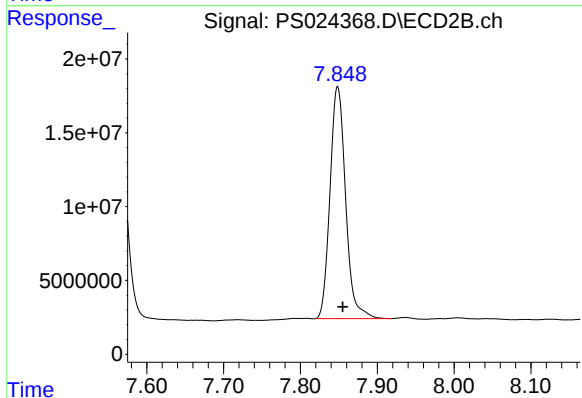
#9 2,4-D

R.T.: 7.289 min
Delta R.T.: -0.003 min
Response: 695725822
Conc: 261.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
H-2313-SOILMSD

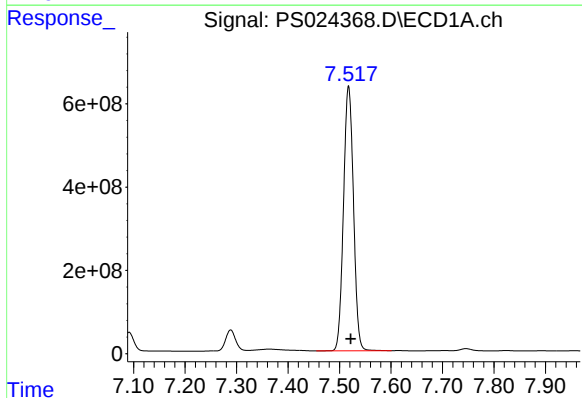
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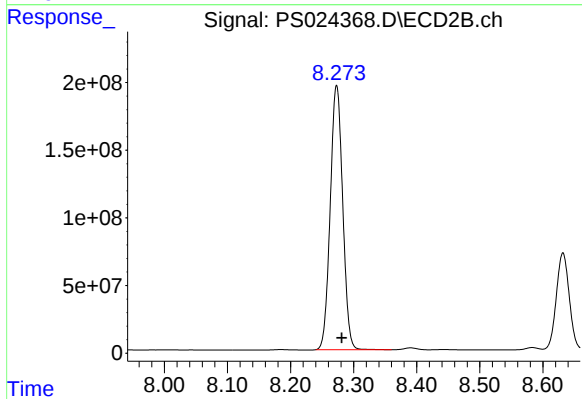
#9 2,4-D

R.T.: 7.849 min
Delta R.T.: -0.007 min
Response: 219960007
Conc: 246.90 ng/ml



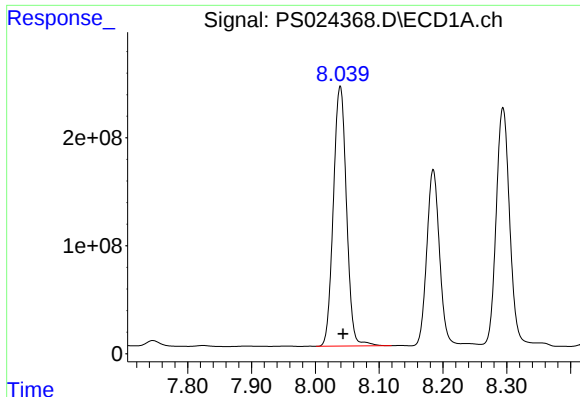
#10 Pentachlorophenol

R.T.: 7.518 min
Delta R.T.: -0.004 min
Response: 8546363093
Conc: 273.29 ng/ml



#10 Pentachlorophenol

R.T.: 8.273 min
Delta R.T.: -0.008 min
Response: 2679732412
Conc: 252.93 ng/ml



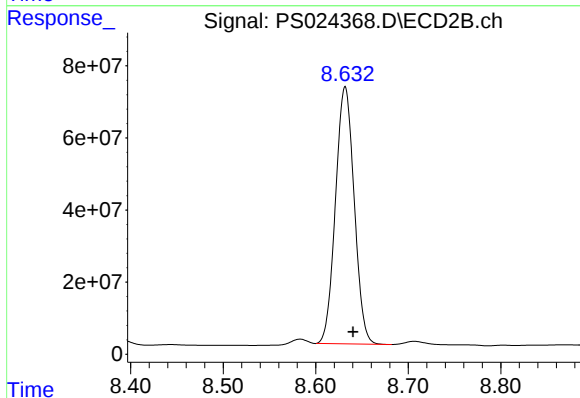
#11 2,4,5-TP (SILVEX)

R.T.: 8.039 min
Delta R.T.: -0.005 min
Response: 3442434764
Conc: 257.54 ng/ml

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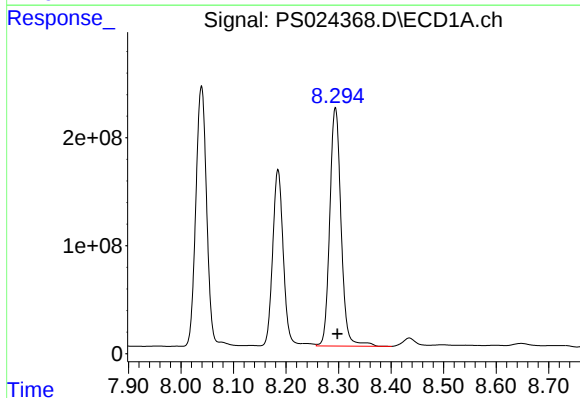
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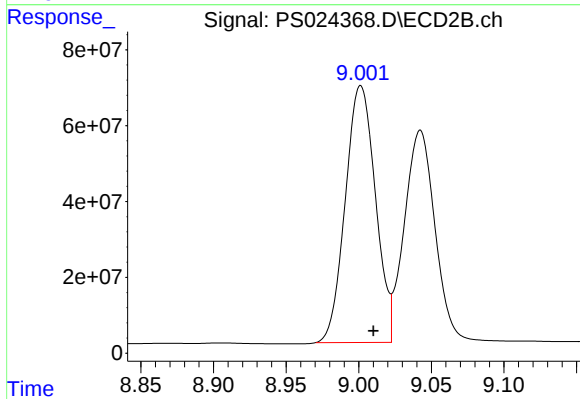
#11 2,4,5-TP (SILVEX)

R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 1001996324
Conc: 241.49 ng/ml



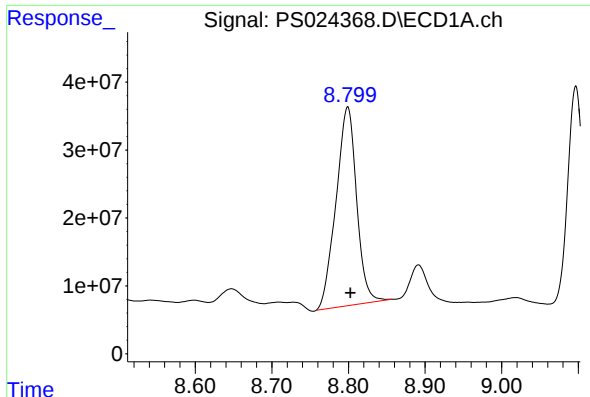
#12 2,4,5-T

R.T.: 8.294 min
Delta R.T.: -0.004 min
Response: 3297600293
Conc: 266.15 ng/ml



#12 2,4,5-T

R.T.: 9.001 min
Delta R.T.: -0.009 min
Response: 978751564
Conc: 243.89 ng/ml



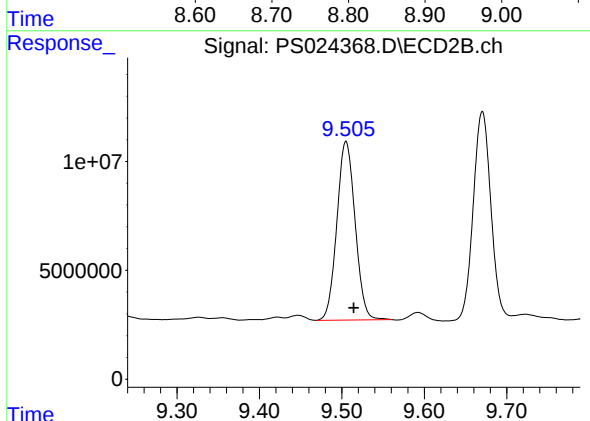
#13 2,4-DB

R.T.: 8.799 min
Delta R.T.: -0.004 min
Response: 547619732
Conc: 254.04 ng/ml

Instrument :
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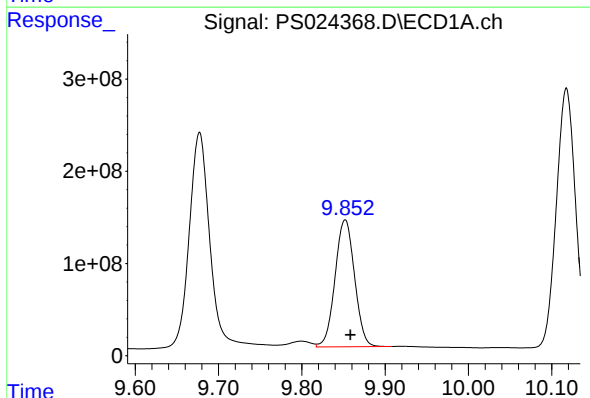
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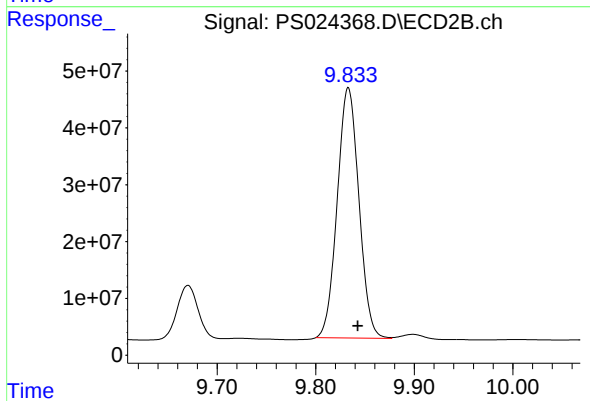
#13 2,4-DB

R.T.: 9.505 min
Delta R.T.: -0.009 min
Response: 126182807
Conc: 274.54 ng/ml



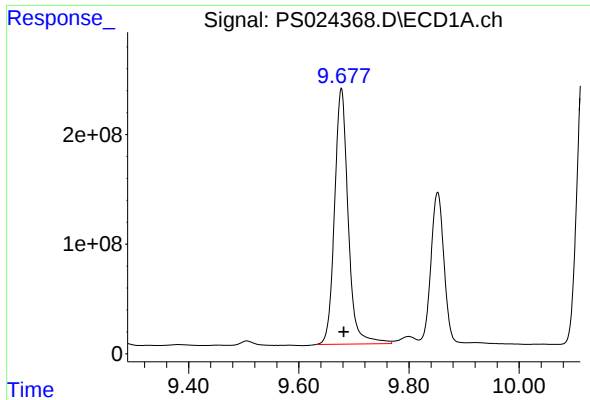
#14 DINOSEB

R.T.: 9.852 min
Delta R.T.: -0.007 min
Response: 2234510837
Conc: 231.26 ng/ml



#14 DINOSEB

R.T.: 9.833 min
Delta R.T.: -0.010 min
Response: 673133277
Conc: 225.18 ng/ml



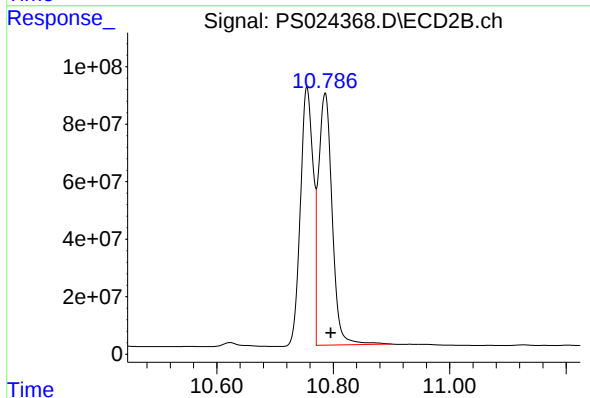
#15 Picloram

R.T.: 9.677 min
Delta R.T.: -0.005 min
Response: 4010954071
Conc: 245.60 ng/ml

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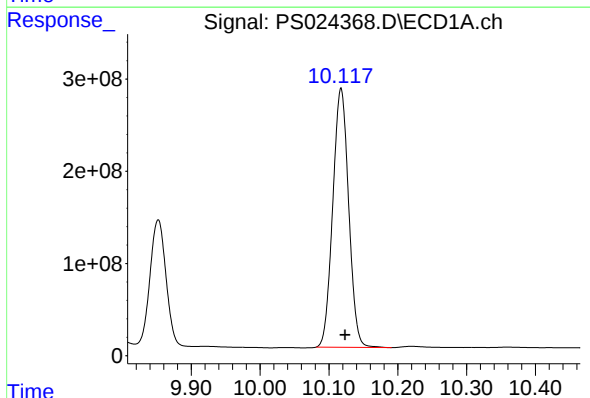
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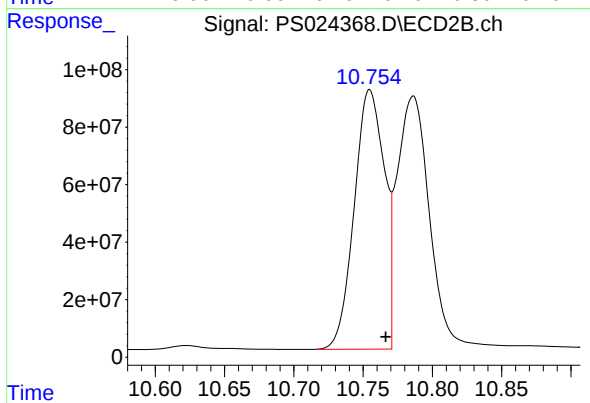
#15 Picloram

R.T.: 10.786 min
Delta R.T.: -0.010 min
Response: 1430563085
Conc: 240.89 ng/ml



#16 DCPA

R.T.: 10.118 min
Delta R.T.: -0.006 min
Response: 4506946334
Conc: 278.31 ng/ml



#16 DCPA

R.T.: 10.754 min
Delta R.T.: -0.012 min
Response: 1368273098
Conc: 266.72 ng/ml m