

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022123\
 Data File : PS022231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2023 23:24
 Operator : AR\AJ
 Sample : 01627-02
 Misc : LOQ,SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/22/2023
 Supervised By : Ankita Jodhani 02/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 01:41:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022023.M
 Quant Title : 8080.M
 QLast Update : Mon Feb 20 13:26:02 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	6.299	6.723	1191.1E6	1153.6E6	480.538	549.615
Target Compounds							
1) T	Dalapon	2.407	2.487	331.7E6	898.6E6	104.615m	279.066m#
2) T	3,5-DICHL...	5.682	5.926	681.2E6	559.8E6	183.245	181.014
3) T	4-Nitroph...	6.152	6.358	200.9E6	157.8E6	157.867m	118.128 #
5) T	DICAMBA	6.436	6.881	1739.9E6	1631.5E6	167.675	168.823
6) T	MCPD	6.582	6.973	119.8E6	122.9E6	15.705	16.095
7) T	MCPA	6.702	7.182	162.4E6	192.4E6	15.594	18.878
8) T	DICHLORPROP	7.022	7.505	472.1E6	488.6E6	174.814	198.732
9) T	2,4-D	7.231	7.796	567.7E6	596.3E6	173.160	205.936m
10) T	Pentachlo...	7.442	8.211	7609.7E6	6874.0E6	211.363	212.149
11) T	2,4,5-TP ...	7.970	8.573	3088.5E6	2583.4E6	200.257	192.057m
12) T	2,4,5-T	8.232	8.953	3110.0E6	2325.0E6	179.262	193.314
13) T	2,4-DB	8.741	9.457	482.6E6	295.2E6	178.008	177.831
14) T	DINOSEB	9.778	9.777	2348.7E6	1761.0E6	170.904	184.571m
15) T	Picloram	9.629	10.754	3501.1E6	3125.4E6	142.124m	159.412
16) T	DCPA	10.046	10.703	4535.5E6	2852.7E6	212.950	182.339

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

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Operator : AR\AJ
Sample : 01627-02
Misc : LOQ,SOIL
ALS Vial : 18 Sample Multiplier: 1

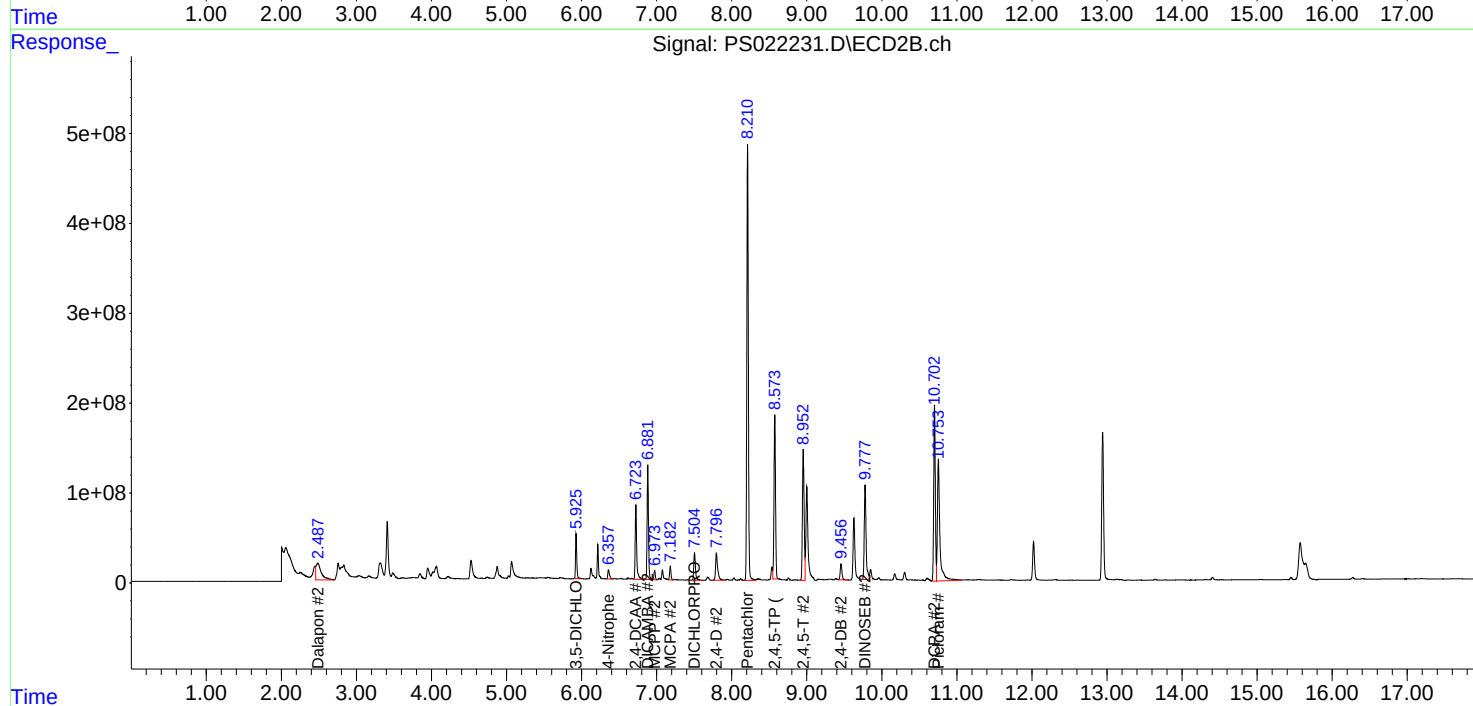
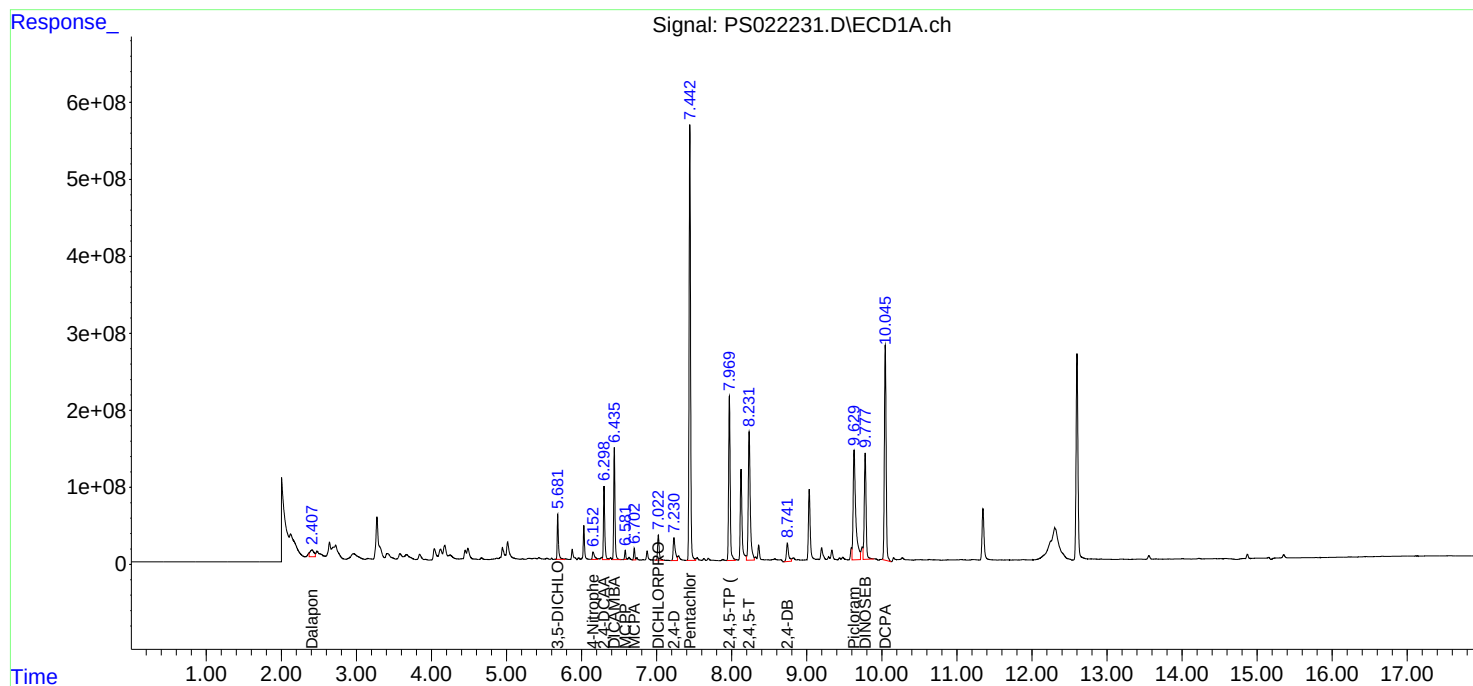
Instrument :
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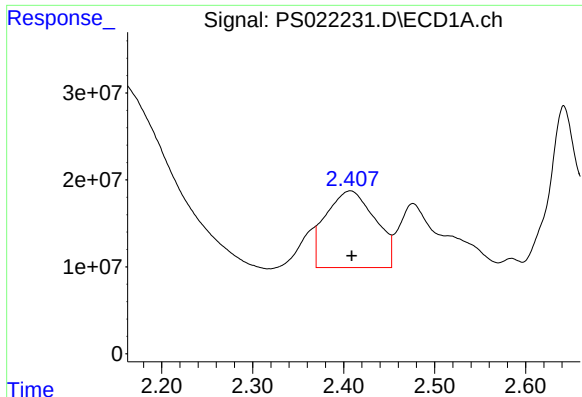
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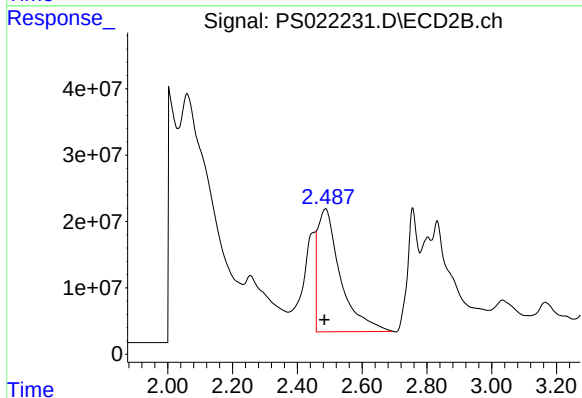
#1 Dalapon

R.T.: 2.407 min
Delta R.T.: -0.002 min
Response: 331657523
Conc: 104.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2023

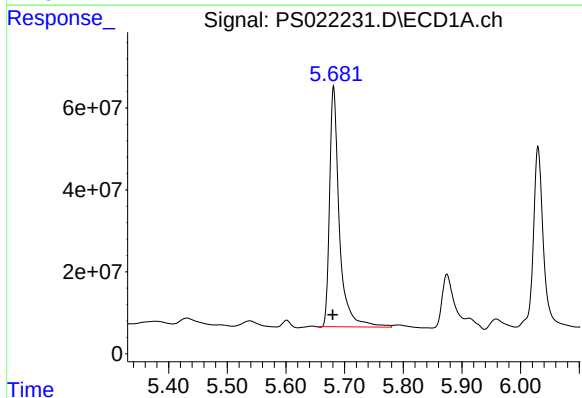
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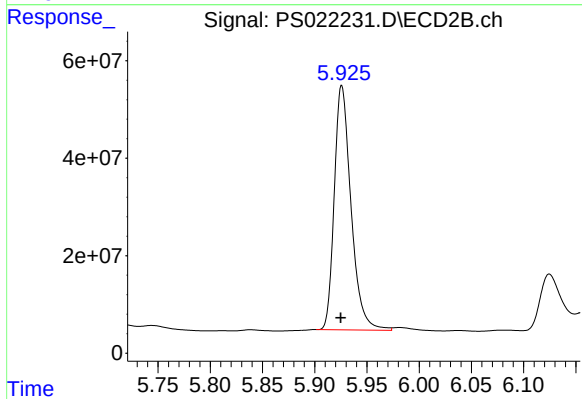
#1 Dalapon

R.T.: 2.487 min
Delta R.T.: 0.004 min
Response: 898634719
Conc: 279.07 ng/ml m



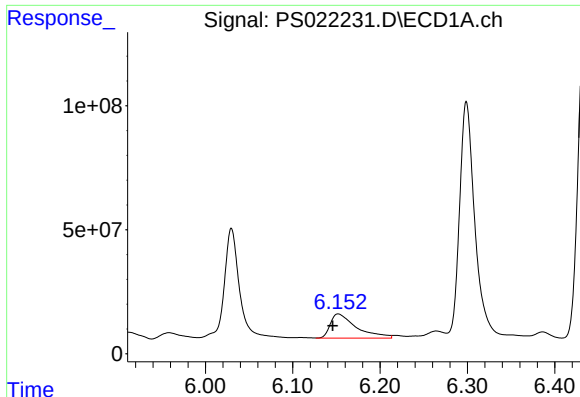
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 681193867
Conc: 183.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 559752926
Conc: 181.01 ng/ml



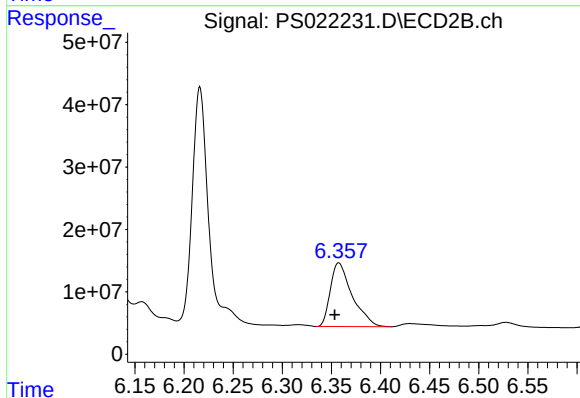
#3 4-Nitrophenol

R.T.: 6.152 min
Delta R.T.: 0.006 min
Response: 200888141
Conc: 157.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2023

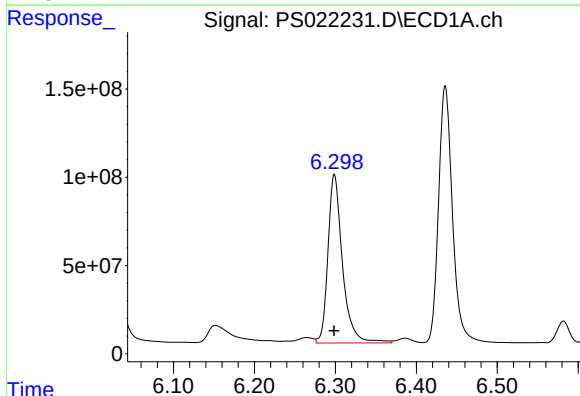
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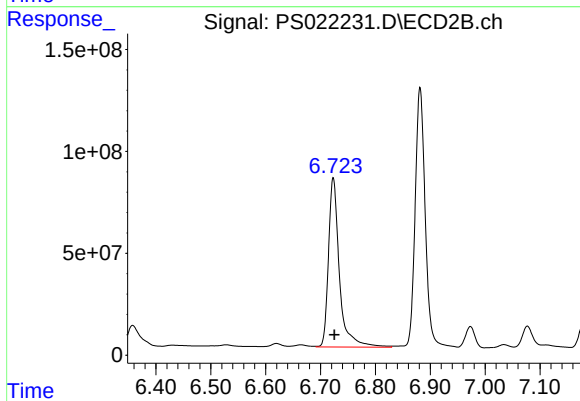
#3 4-Nitrophenol

R.T.: 6.358 min
Delta R.T.: 0.004 min
Response: 157764888
Conc: 118.13 ng/ml



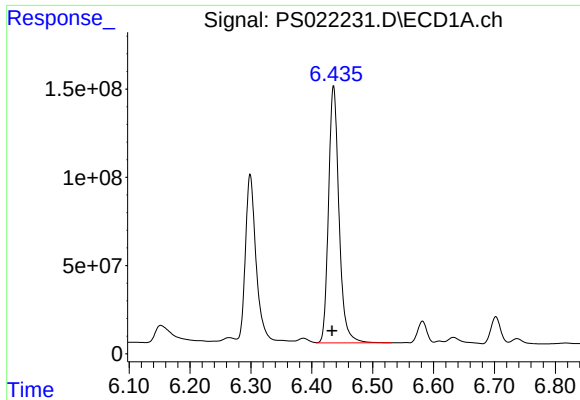
#4 2,4-DCAA

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1191104777
Conc: 480.54 ng/ml



#4 2,4-DCAA

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 1153621809
Conc: 549.62 ng/ml



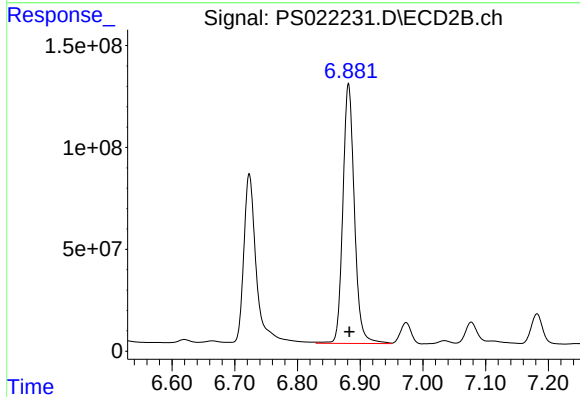
#5 DICAMBA

R.T.: 6.436 min
Delta R.T.: 0.002 min
Response: 1739891138
Conc: 167.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2023

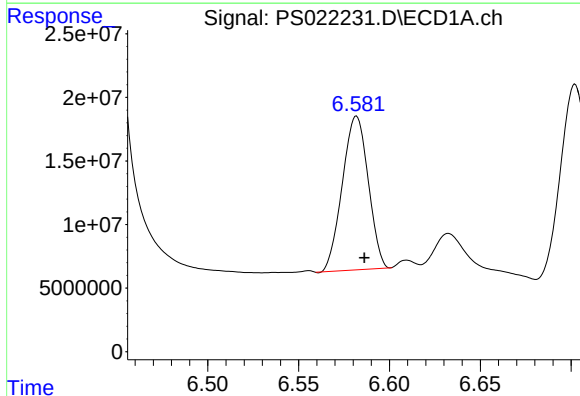
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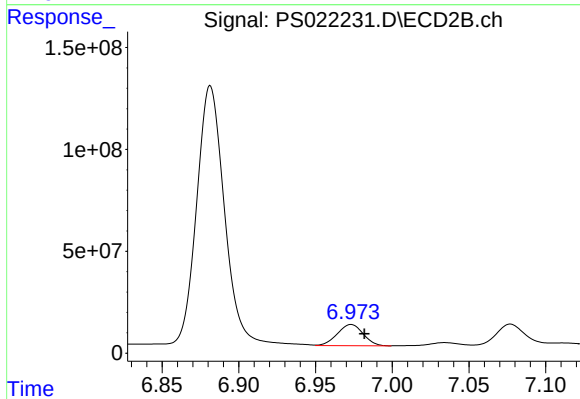
#5 DICAMBA

R.T.: 6.881 min
Delta R.T.: -0.002 min
Response: 1631503861
Conc: 168.82 ng/ml



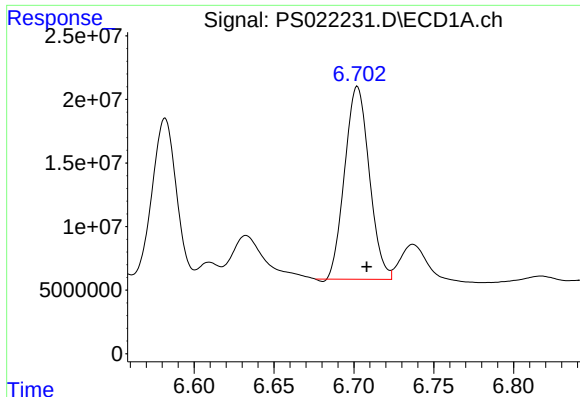
#6 MCPP

R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 119836150
Conc: 15.71 ug/ml



#6 MCPP

R.T.: 6.973 min
Delta R.T.: -0.009 min
Response: 122880628
Conc: 16.10 ug/ml



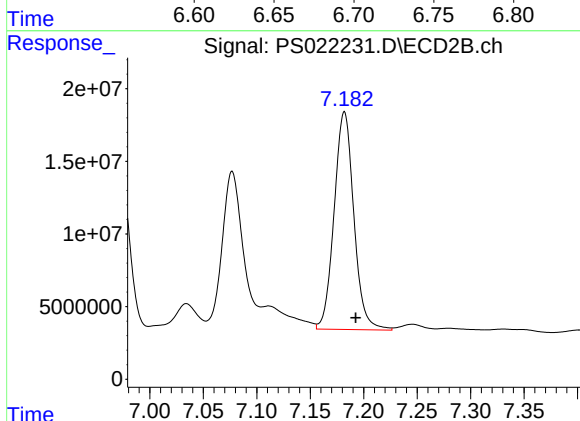
#7 MCPA

R.T.: 6.702 min
Delta R.T.: -0.006 min
Response: 162394265
Conc: 15.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2023

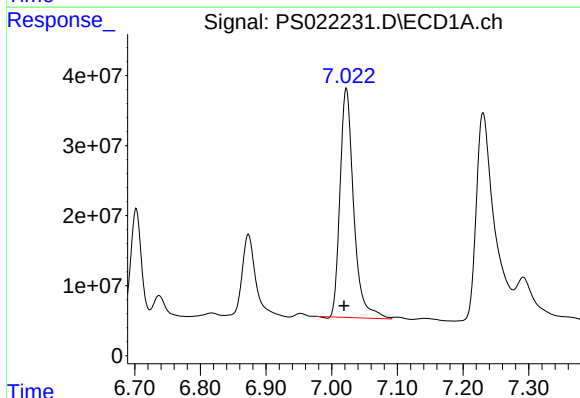
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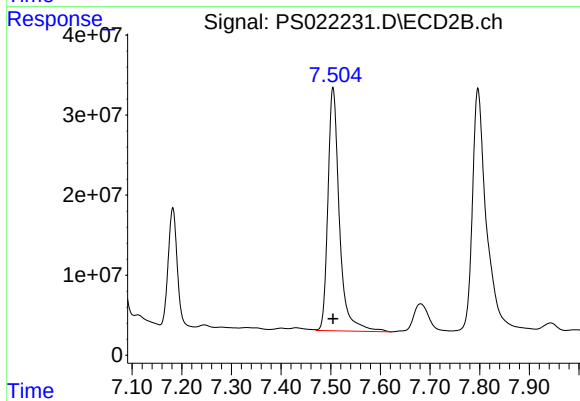
#7 MCPA

R.T.: 7.182 min
Delta R.T.: -0.010 min
Response: 192412655
Conc: 18.88 ug/ml



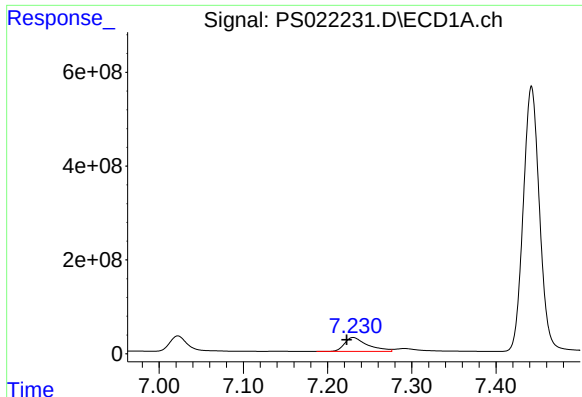
#8 DICHLORPROP

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 472106207
Conc: 174.81 ng/ml



#8 DICHLORPROP

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 488568670
Conc: 198.73 ng/ml



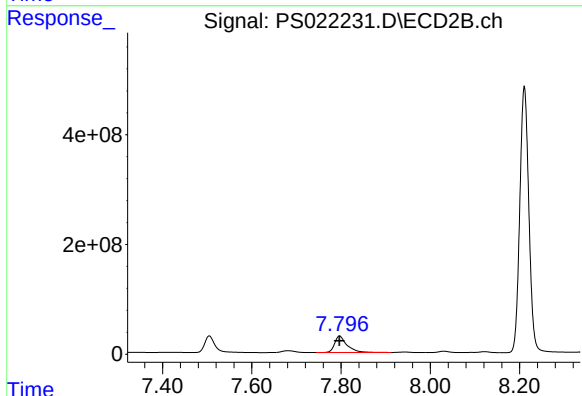
#9 2,4-D

R.T.: 7.231 min
Delta R.T.: 0.008 min
Response: 567745219
Conc: 173.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2023

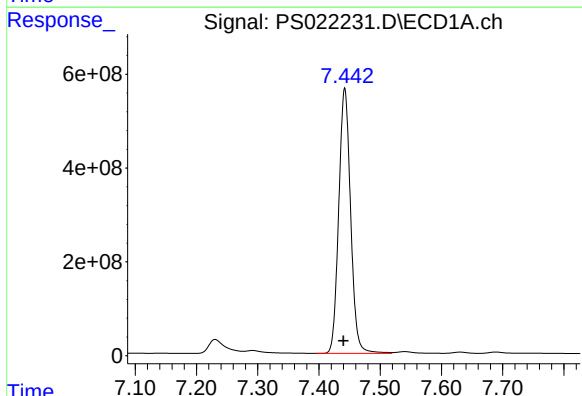
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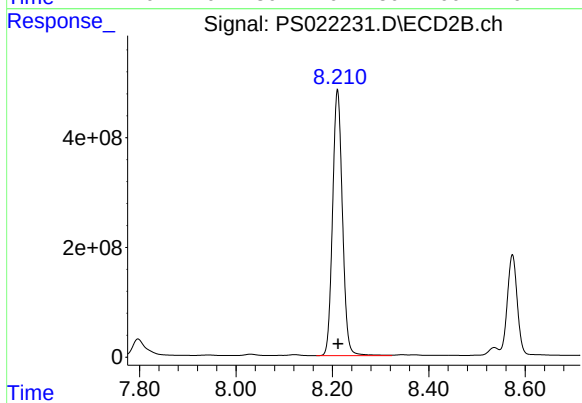
#9 2,4-D

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 596332580
Conc: 205.94 ng/ml m



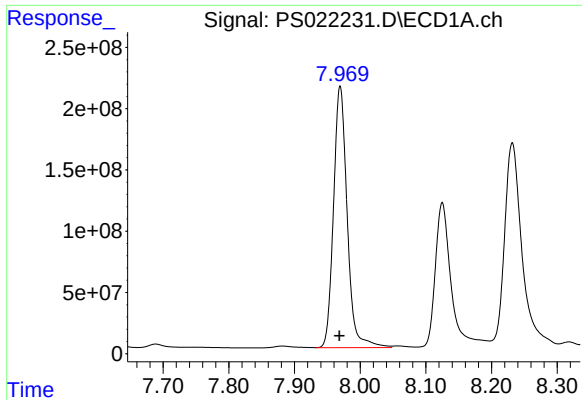
#10 Pentachlorophenol

R.T.: 7.442 min
Delta R.T.: 0.002 min
Response: 7609688965
Conc: 211.36 ng/ml



#10 Pentachlorophenol

R.T.: 8.211 min
Delta R.T.: -0.001 min
Response: 6873999784
Conc: 212.15 ng/ml



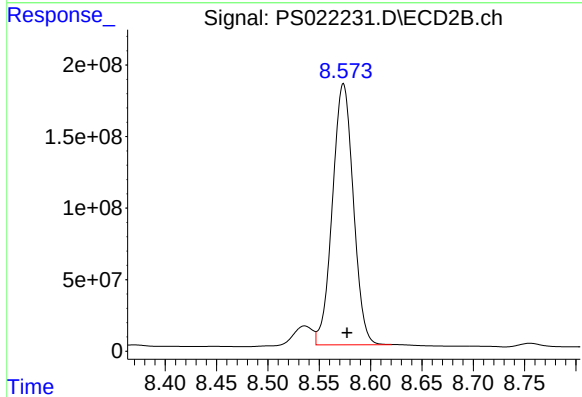
#11 2,4,5-TP (SILVEX)

R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 3088451023
Conc: 200.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2023

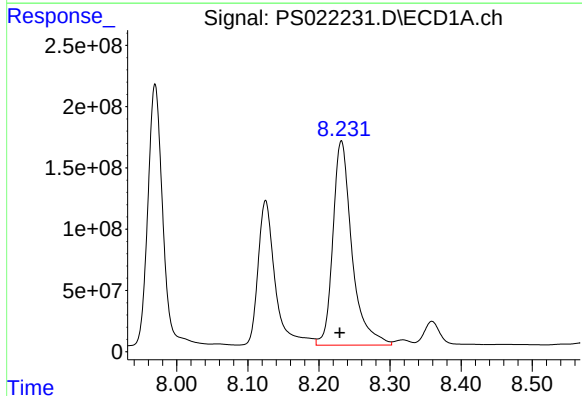
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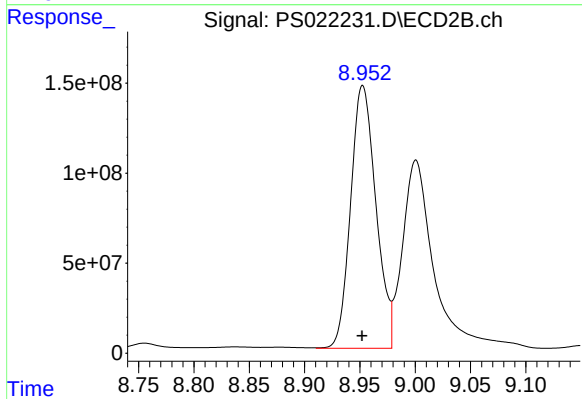
#11 2,4,5-TP (SILVEX)

R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: 2583373052
Conc: 192.06 ng/ml m



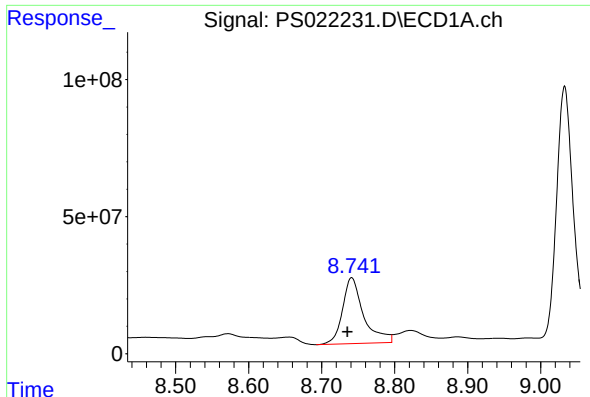
#12 2,4,5-T

R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 3110024743
Conc: 179.26 ng/ml



#12 2,4,5-T

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 2325003512
Conc: 193.31 ng/ml



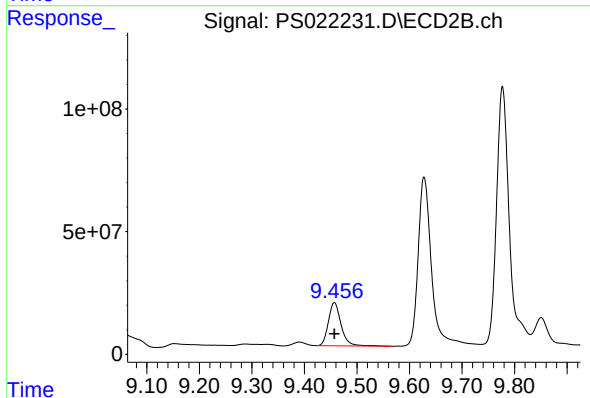
#13 2,4-DB

R.T.: 8.741 min
Delta R.T.: 0.006 min
Response: 482566051
Conc: 178.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT1-2023

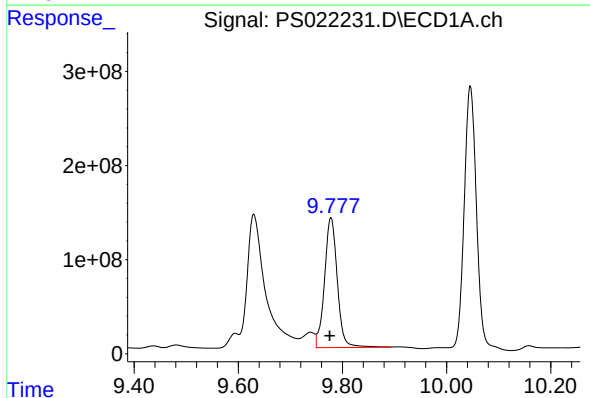
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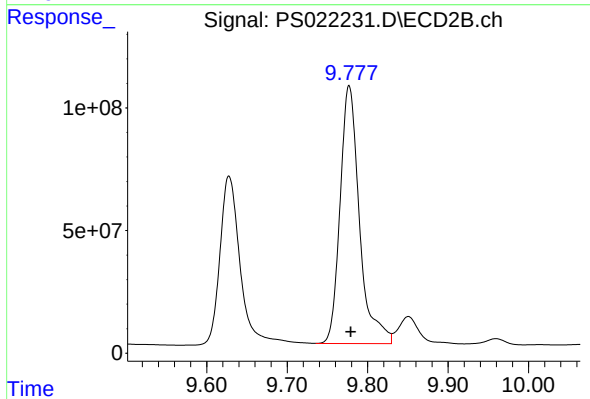
#13 2,4-DB

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 295245604
Conc: 177.83 ng/ml



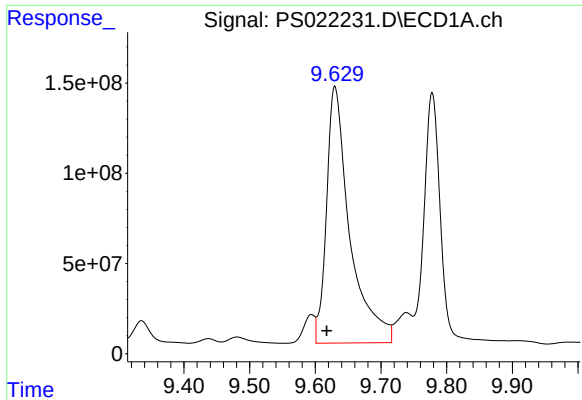
#14 DINOSEB

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 2348725572
Conc: 170.90 ng/ml



#14 DINOSEB

R.T.: 9.777 min
Delta R.T.: -0.002 min
Response: 1760981397
Conc: 184.57 ng/ml m



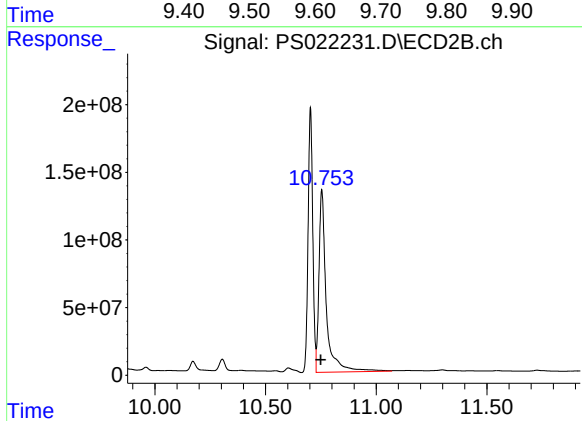
#15 Picloram

R.T.: 9.629 min
Delta R.T.: 0.012 min
Response: 3501074052
Conc: 142.12 ng/ml

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ClientSampleId :
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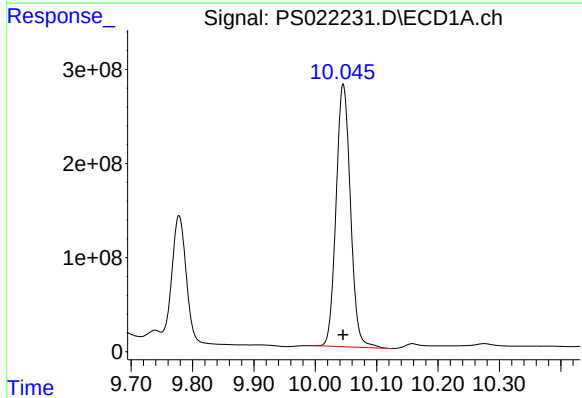
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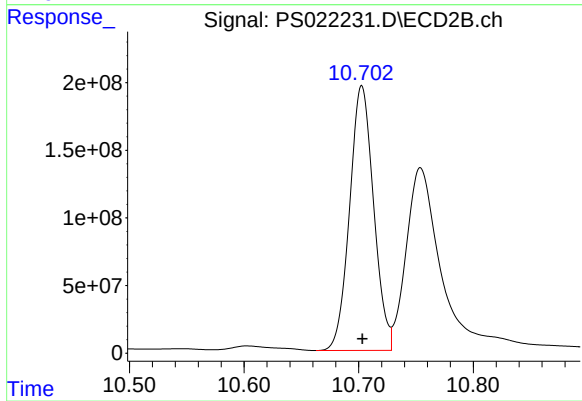
#15 Picloram

R.T.: 10.754 min
Delta R.T.: 0.004 min
Response: 3125427491
Conc: 159.41 ng/ml



#16 DCPA

R.T.: 10.046 min
Delta R.T.: 0.000 min
Response: 4535517740
Conc: 212.95 ng/ml



#16 DCPA

R.T.: 10.703 min
Delta R.T.: 0.000 min
Response: 2852671699
Conc: 182.34 ng/ml