

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032724\
 Data File : PS026255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2024 17:55
 Operator : AR\AJ
 Sample : P1863-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-PILE-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/28/2024
 Supervised By :Ankita Jodhani 03/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 01:13:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS031924.M
 Quant Title : 8080.M
 QLast Update : Tue Mar 19 15:58:33 2024
 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	7.181	7.699	618.9E6	155.8E6	192.744m	165.574
Target Compounds							
1) T	Dalapon	2.616	2.655	1321.7E6	555.5E6	255.598m	292.238m
2) T	3,5-DICHL...	6.363	6.666	591.3E6	172.2E6	126.487	119.543
3) T	4-Nitroph...	6.980	7.229	311.8E6	80365381	178.785m	169.807m
5) T	DICAMBA	7.367	7.895	2380.8E6	703.3E6	175.674m	161.973
6) T	MCPD	7.545	7.994	82994081	28880261	8.543m	9.043
7) T	MCPA	7.694	8.236	220.2E6	73210207	16.228	16.865
8) T	DICHLORPROP	8.070	8.602	471.2E6	122.0E6	134.185m	112.627m
9) T	2,4-D	8.299	8.927	798.2E6	187.2E6	223.534m	181.825
10) T	Pentachlo...	8.596	9.448	2425.0E6	679.6E6	51.150	42.603
11) T	2,4,5-TP ...	9.173	9.823	1384.5E6	421.1E6	72.724m	69.430
12) T	2,4,5-T	9.464	10.237	1993.3E6	503.9E6	107.158m	93.696
13) T	2,4-DB	10.065	10.821	1101.5E6	371.5E6	440.292	616.882 #
14) T	DINOSEB	11.233	11.169	89520565	85506589	6.860m	22.264m#
15) T	Picloram	11.045	12.253	4777.6E6	1147.6E6	209.556	188.378
16) T	DCPA	11.531	12.210	5958.0E6	1762.7E6	247.174m	251.772m

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

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Operator : AR\AJ
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ALS Vial : 7 Sample Multiplier: 1

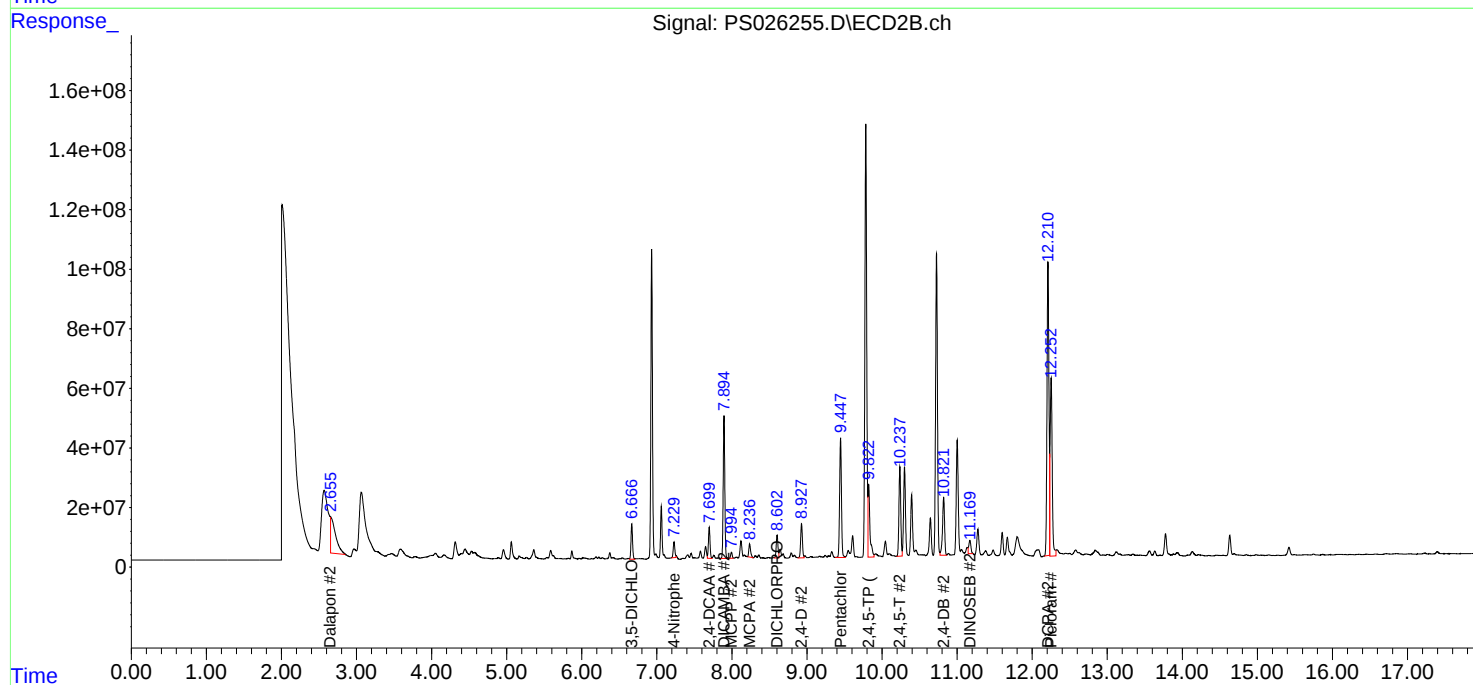
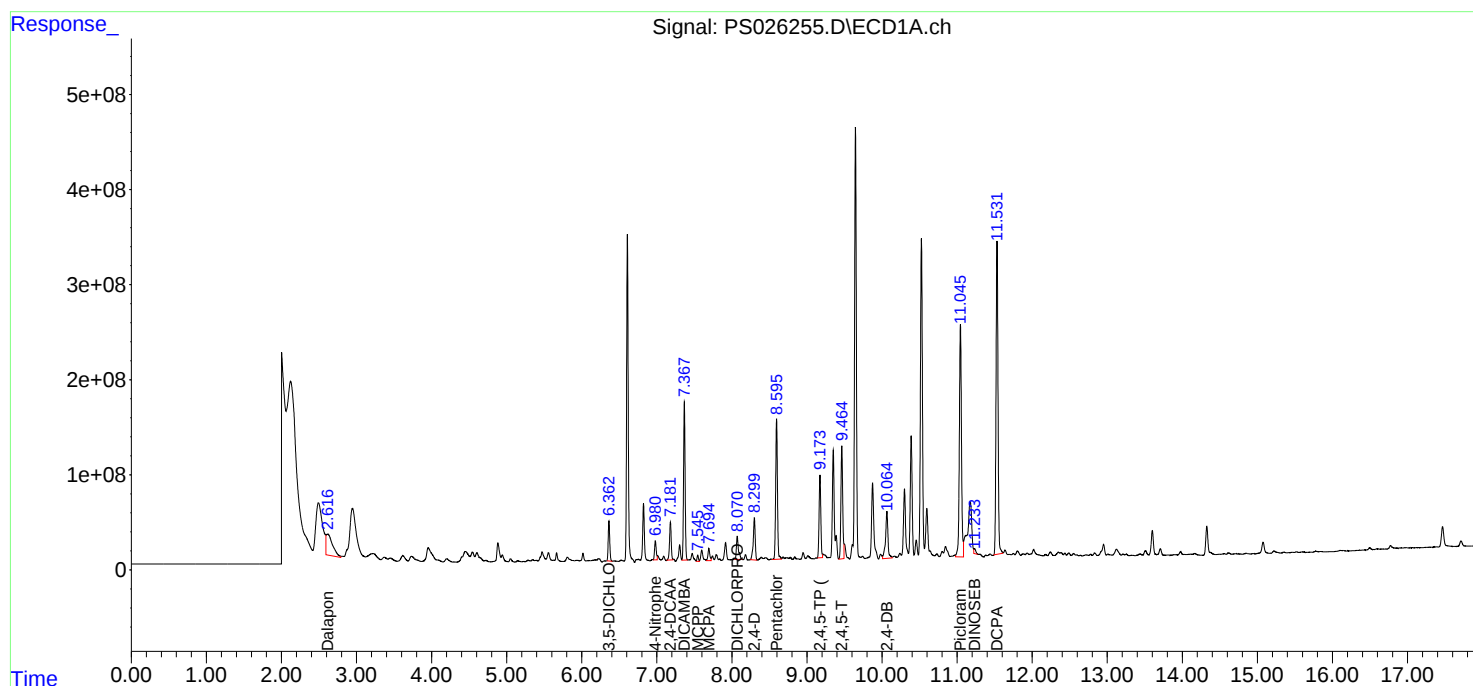
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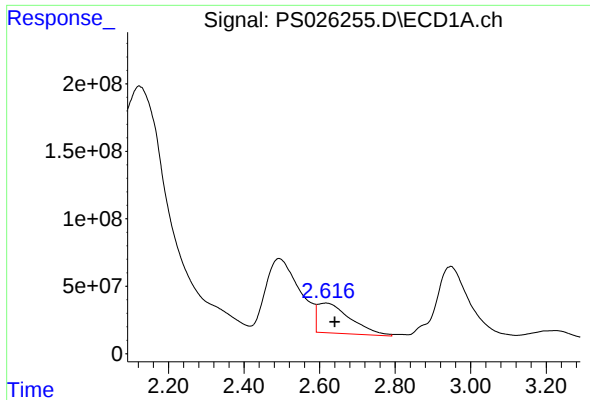
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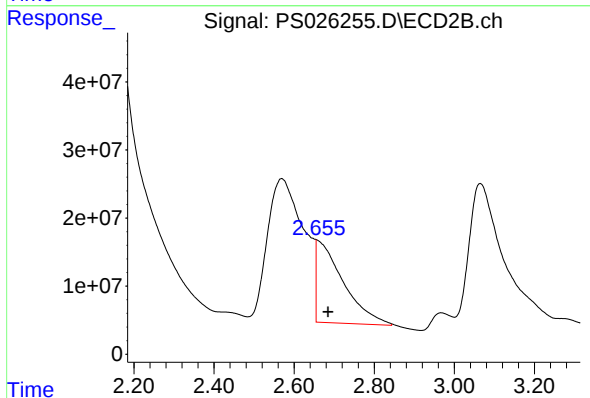
#1 Dalapon

R.T.: 2.616 min
Delta R.T.: -0.024 min
Response: 1321744062
Conc: 255.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

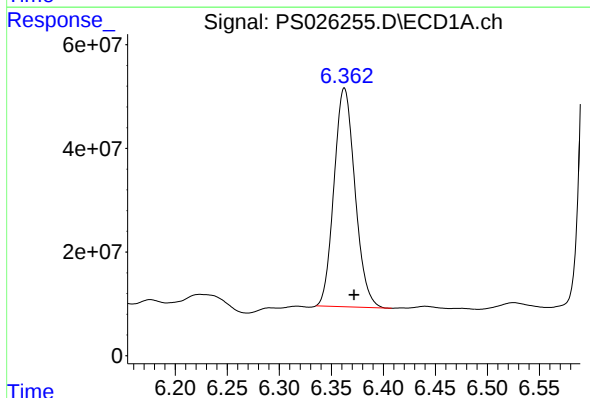
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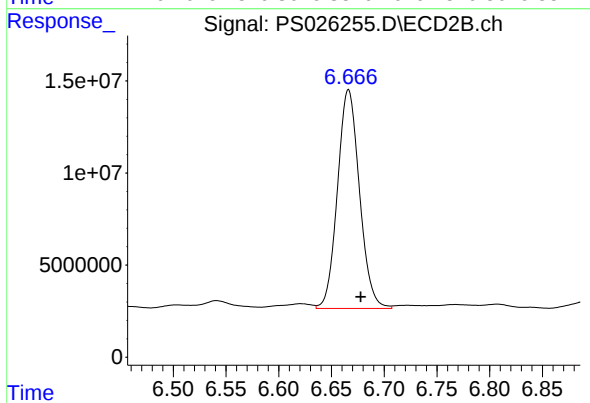
#1 Dalapon

R.T.: 2.655 min
Delta R.T.: -0.030 min
Response: 555477161
Conc: 292.24 ng/ml m



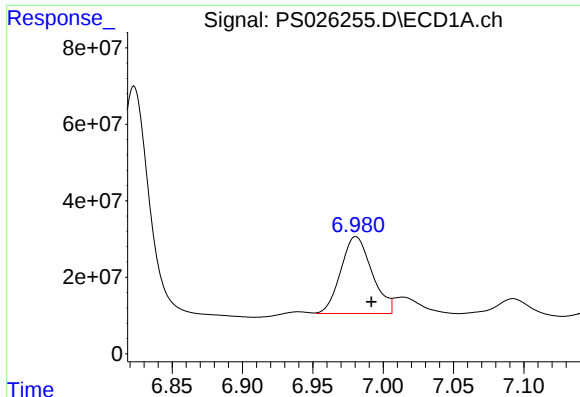
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.363 min
Delta R.T.: -0.009 min
Response: 591300750
Conc: 126.49 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.666 min
Delta R.T.: -0.012 min
Response: 172239456
Conc: 119.54 ng/ml



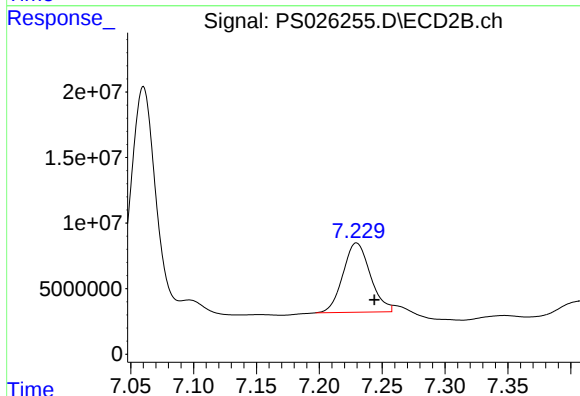
#3 4-Nitrophenol

R.T.: 6.980 min
Delta R.T.: -0.011 min
Response: 311818189
Conc: 178.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

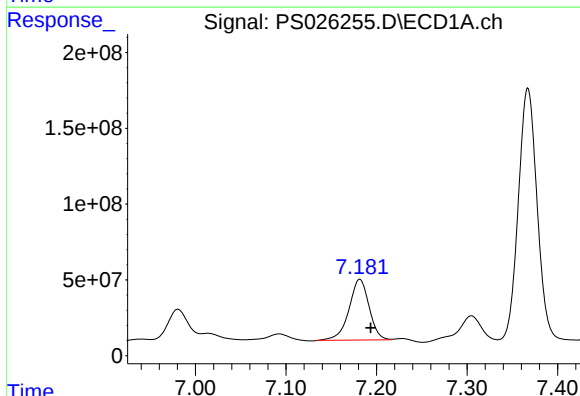
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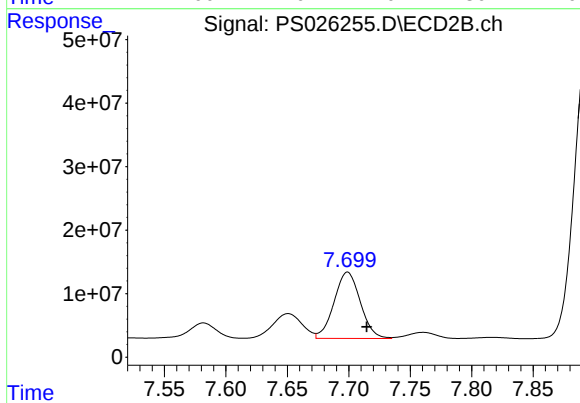
#3 4-Nitrophenol

R.T.: 7.229 min
Delta R.T.: -0.015 min
Response: 80365381
Conc: 169.81 ng/ml m



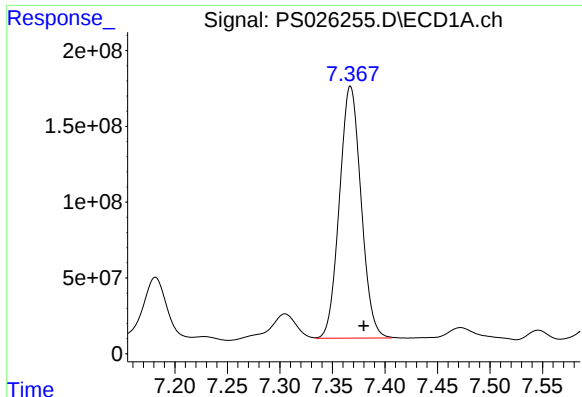
#4 2,4-DCAA

R.T.: 7.181 min
Delta R.T.: -0.013 min
Response: 618852120
Conc: 192.74 ng/ml m



#4 2,4-DCAA

R.T.: 7.699 min
Delta R.T.: -0.016 min
Response: 155798157
Conc: 165.57 ng/ml



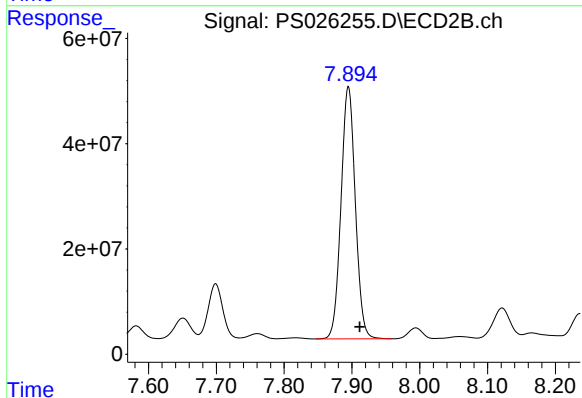
#5 DICAMBA

R.T.: 7.367 min
Delta R.T.: -0.013 min
Response: 2380802238
Conc: 175.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

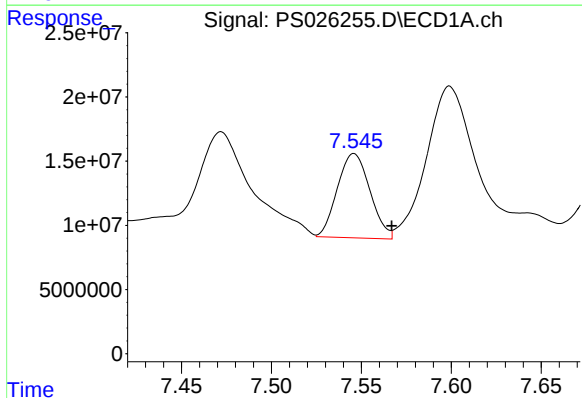
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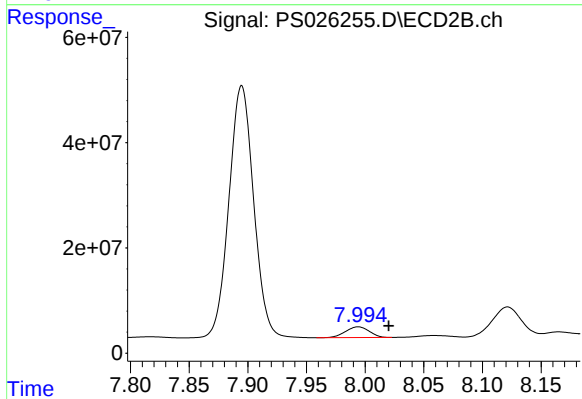
#5 DICAMBA

R.T.: 7.895 min
Delta R.T.: -0.017 min
Response: 703268420
Conc: 161.97 ng/ml



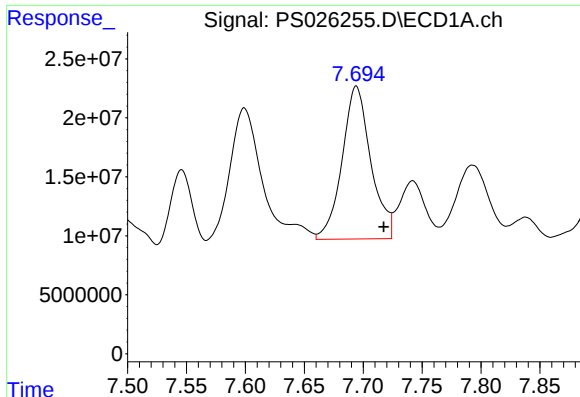
#6 MCP

R.T.: 7.545 min
Delta R.T.: -0.021 min
Response: 82994081
Conc: 8.54 ug/ml m



#6 MCP

R.T.: 7.994 min
Delta R.T.: -0.026 min
Response: 28880261
Conc: 9.04 ug/ml



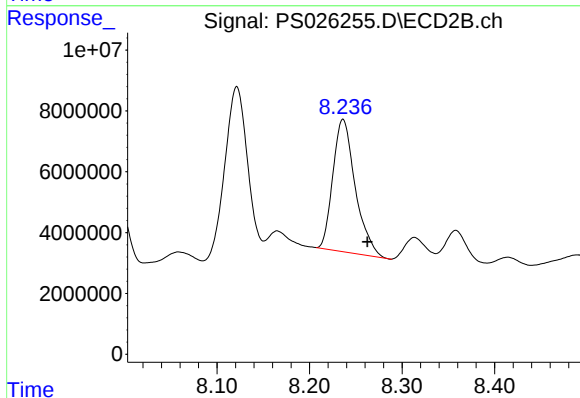
#7 MCPA

R.T.: 7.694 min
Delta R.T.: -0.023 min
Response: 220231601
Conc: 16.23 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

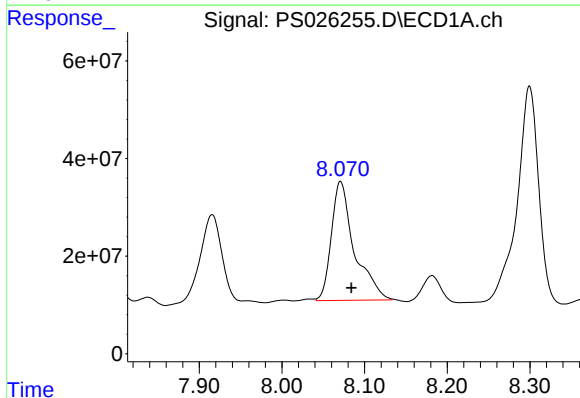
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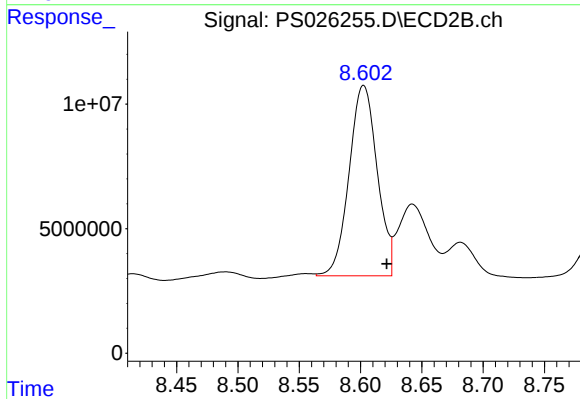
#7 MCPA

R.T.: 8.236 min
Delta R.T.: -0.026 min
Response: 73210207
Conc: 16.86 ug/ml



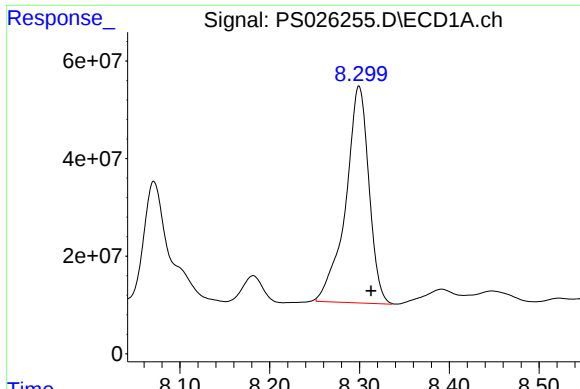
#8 DICHLORPROP

R.T.: 8.070 min
Delta R.T.: -0.014 min
Response: 471217861
Conc: 134.19 ng/ml m



#8 DICHLORPROP

R.T.: 8.602 min
Delta R.T.: -0.019 min
Response: 121975793
Conc: 112.63 ng/ml m



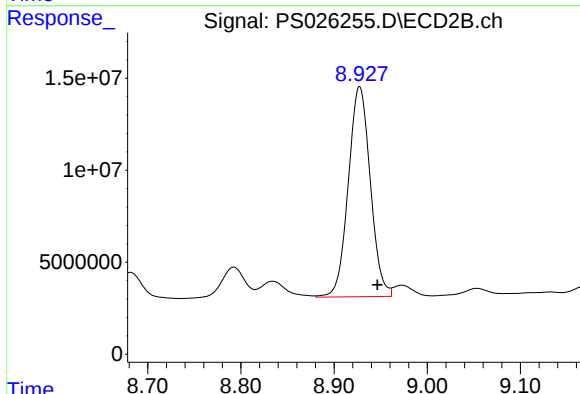
#9 2,4-D

R.T.: 8.299 min
Delta R.T.: -0.014 min
Response: 798189643
Conc: 223.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

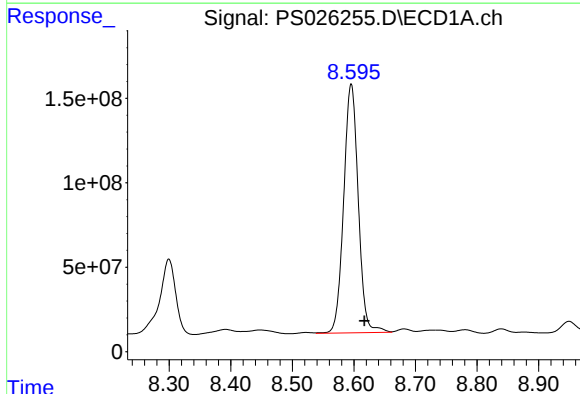
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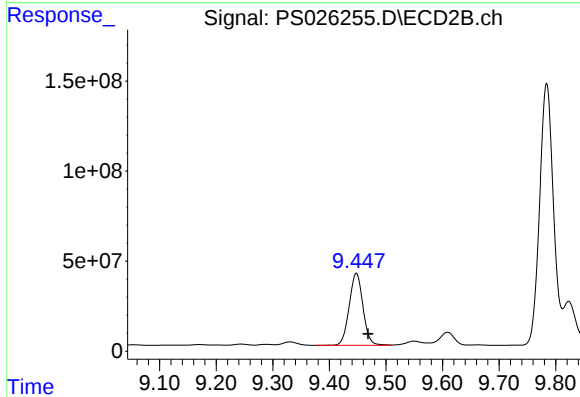
#9 2,4-D

R.T.: 8.927 min
Delta R.T.: -0.019 min
Response: 187226280
Conc: 181.83 ng/ml



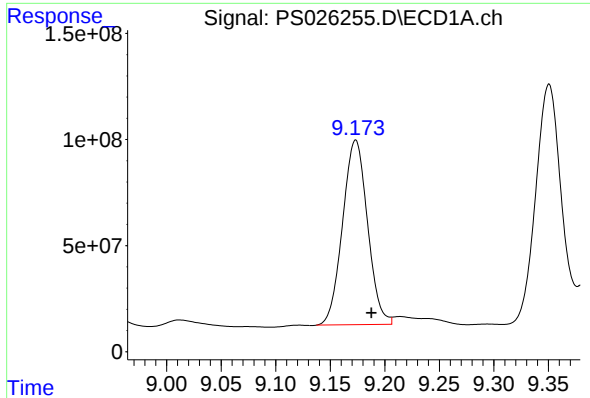
#10 Pentachlorophenol

R.T.: 8.596 min
Delta R.T.: -0.021 min
Response: 2425023405
Conc: 51.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.448 min
Delta R.T.: -0.021 min
Response: 679558665
Conc: 42.60 ng/ml



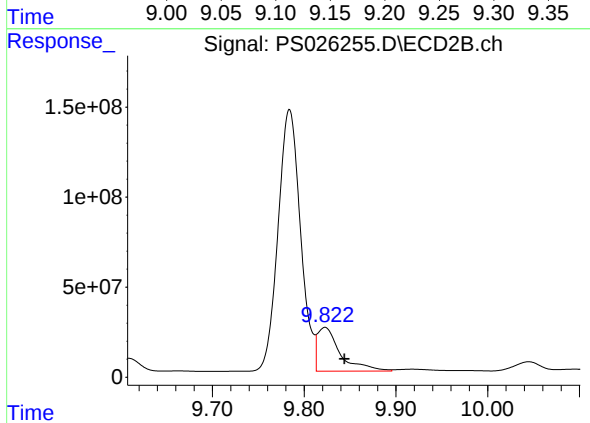
#11 2,4,5-TP (SILVEX)

R.T.: 9.173 min
Delta R.T.: -0.015 min
Response: 1384539126
Conc: 72.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-COMPMS

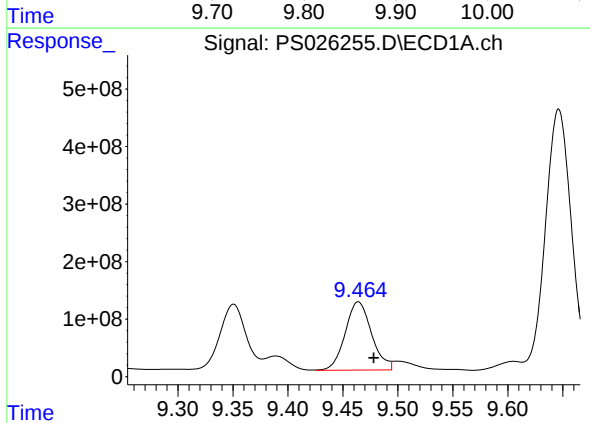
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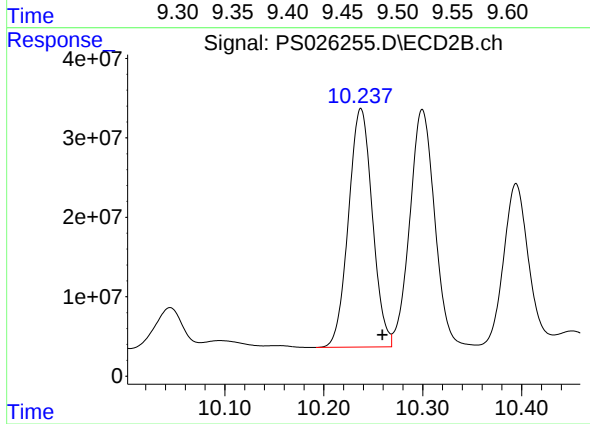
#11 2,4,5-TP (SILVEX)

R.T.: 9.823 min
Delta R.T.: -0.021 min
Response: 421130969
Conc: 69.43 ng/ml



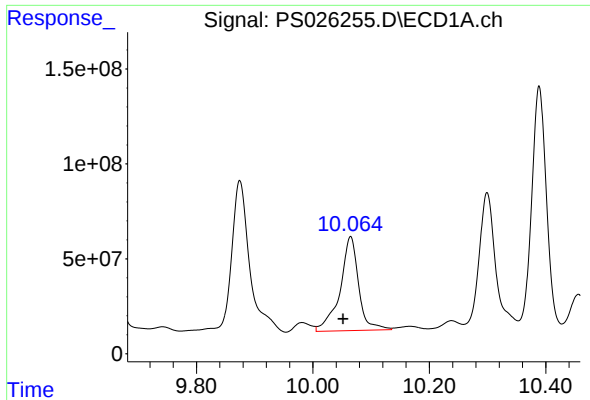
#12 2,4,5-T

R.T.: 9.464 min
Delta R.T.: -0.015 min
Response: 1993292912
Conc: 107.16 ng/ml m



#12 2,4,5-T

R.T.: 10.237 min
Delta R.T.: -0.022 min
Response: 503936584
Conc: 93.70 ng/ml



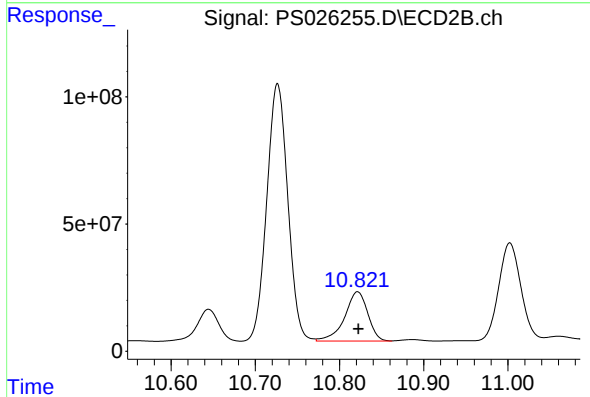
#13 2,4-DB

R.T.: 10.065 min
Delta R.T.: 0.013 min
Response: 1101534905
Conc: 440.29 ng/ml

Instrument :
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ClientSampleId :
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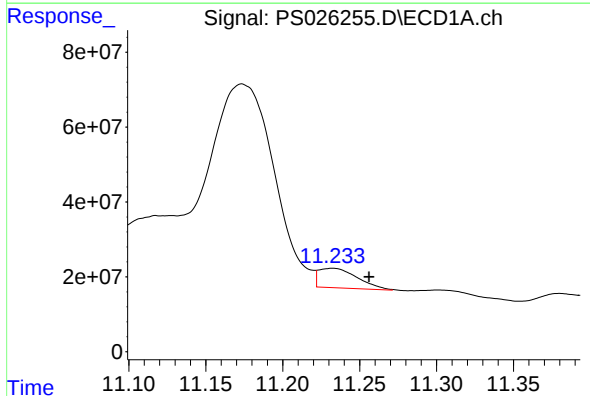
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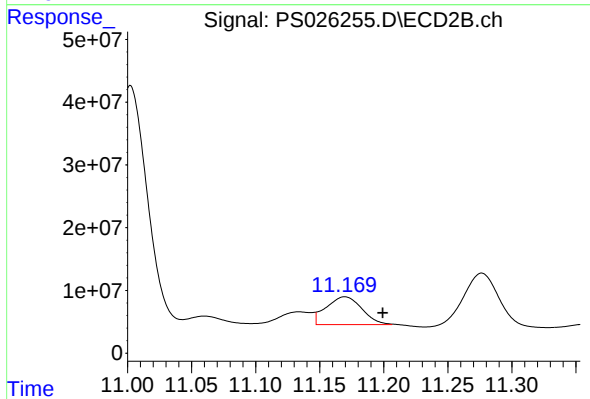
#13 2,4-DB

R.T.: 10.821 min
Delta R.T.: 0.000 min
Response: 371458413
Conc: 616.88 ng/ml



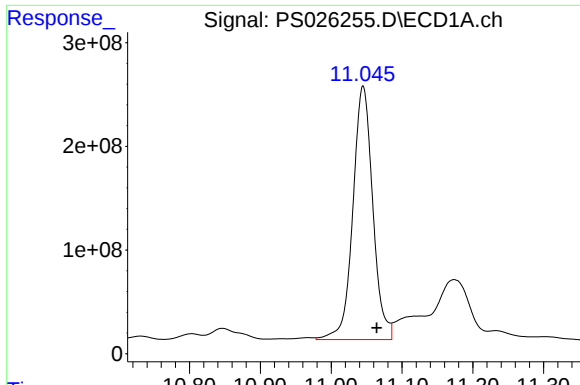
#14 DINOSEB

R.T.: 11.233 min
Delta R.T.: -0.024 min
Response: 89520565
Conc: 6.86 ng/ml m



#14 DINOSEB

R.T.: 11.169 min
Delta R.T.: -0.030 min
Response: 85506589
Conc: 22.26 ng/ml m



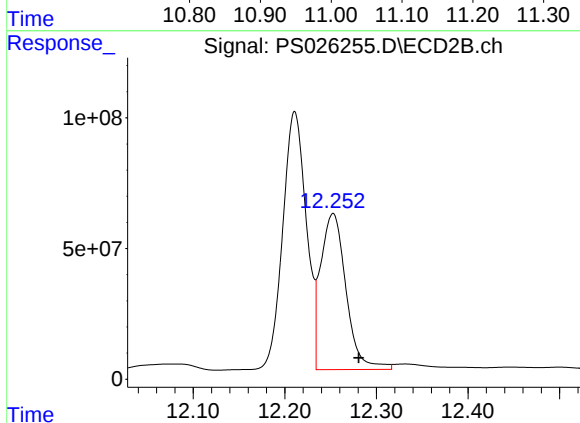
#15 Picloram

R.T.: 11.045 min
Delta R.T.: -0.019 min
Response: 4777614769
Conc: 209.56 ng/ml

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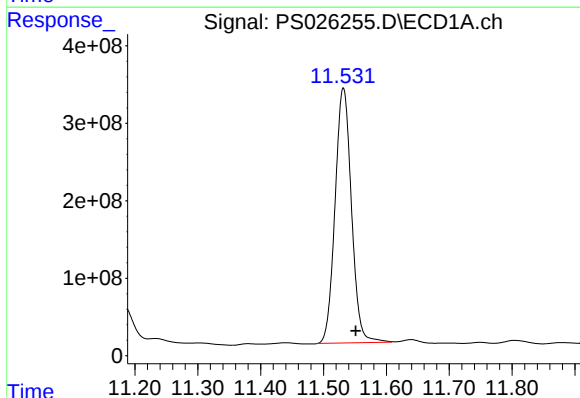
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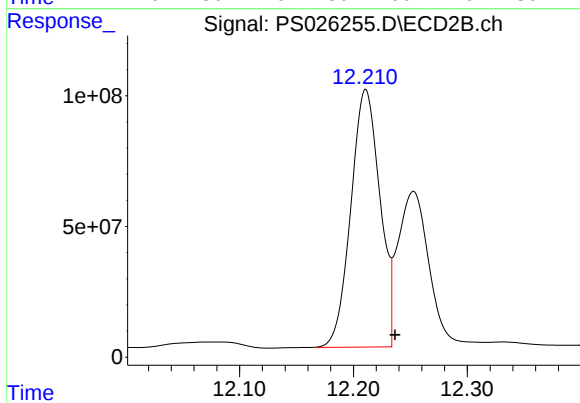
#15 Picloram

R.T.: 12.253 min
Delta R.T.: -0.028 min
Response: 1147595073
Conc: 188.38 ng/ml



#16 DCPA

R.T.: 11.531 min
Delta R.T.: -0.020 min
Response: 5958020421
Conc: 247.17 ng/ml m



#16 DCPA

R.T.: 12.210 min
Delta R.T.: -0.026 min
Response: 1762735195
Conc: 251.77 ng/ml m