

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 16:23
 Operator : AR\AJ
 Sample : PB168443BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168443BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2025
 Supervised By : mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 05:26:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 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	7.356	7.767	1939.8E6	558.6E6	513.823m	519.324
Target Compounds							
1) T	Dalapon	2.714	2.710	2766.7E6	1223.5E6	489.936	446.542
2) T	3,5-DICHL...	6.514	6.713	2632.1E6	760.8E6	485.063	486.381
3) T	4-Nitroph...	7.155	7.298	803.1E6	757.5E6	437.969	483.315
5) T	DICAMBA	7.547	7.970	7688.0E6	3194.7E6	498.494	495.939
6) T	MCPD	7.727	8.068	481.6E6	110.2E6	48.623m	47.654
7) T	MCPA	7.878	8.316	569.8E6	149.4E6	44.901	48.409m
8) T	DICHLORPROP	8.262	8.689	1780.2E6	727.1E6	489.329	489.919
9) T	2,4-D	8.495	9.025	1683.9E6	779.6E6	462.151	495.842
10) T	Pentachlo...	8.803	9.550	27386.6E6	18696.9E6	539.253m	517.376
11) T	2,4,5-TP ...	9.385	9.932	10172.8E6	6867.6E6	492.269	500.676
12) T	2,4,5-T	9.678	10.357	8419.3E6	6458.9E6	456.799	494.666
13) T	2,4-DB	10.259	10.924	1221.0E6	560.2E6	402.132	487.322m
14) T	DINOSEB	11.479	11.310	6800.3E6	4864.6E6	473.063m	484.036
15) T	Picloram	11.285	12.418	8027.4E6	9957.3E6	401.273m	450.885
16) T	DCPA	11.774	12.355	13306.4E6	10480.9E6	503.265m	512.189

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

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Sample : PB168443BS
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ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168443BS

Manual Integrations

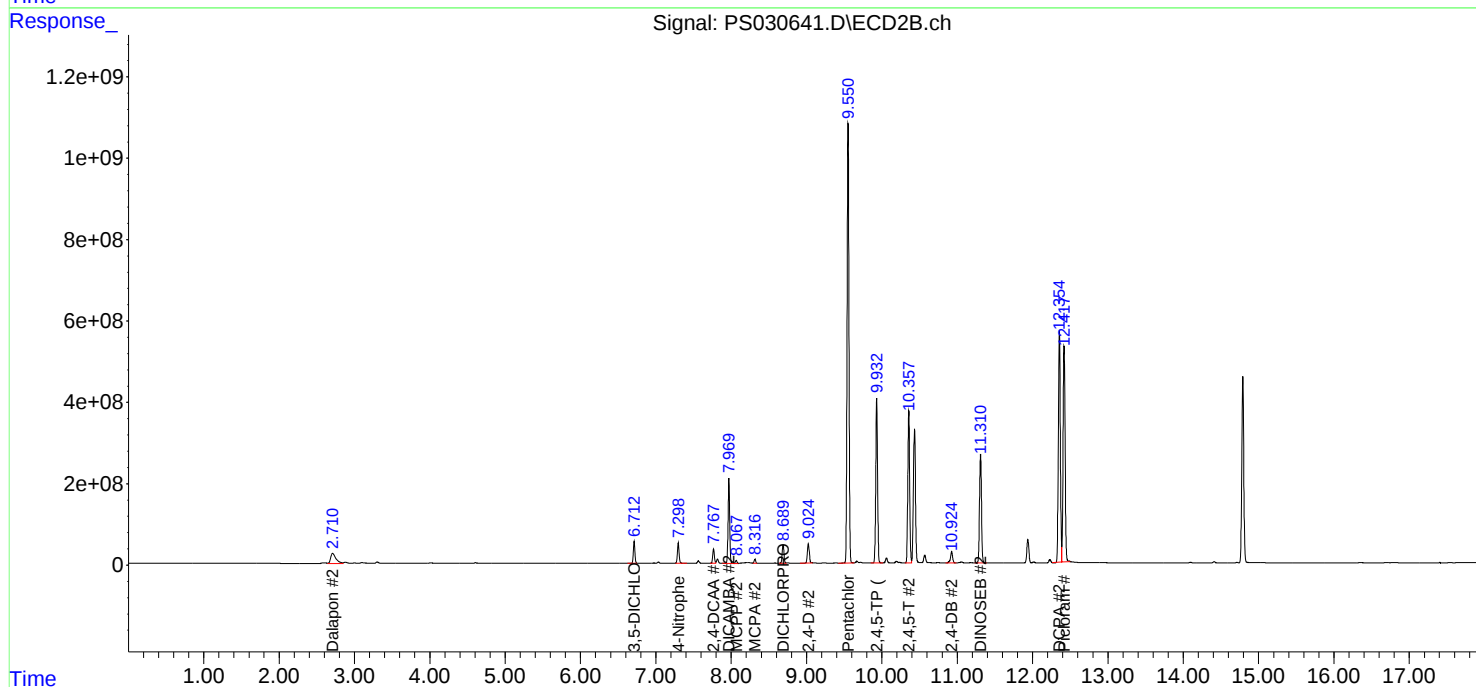
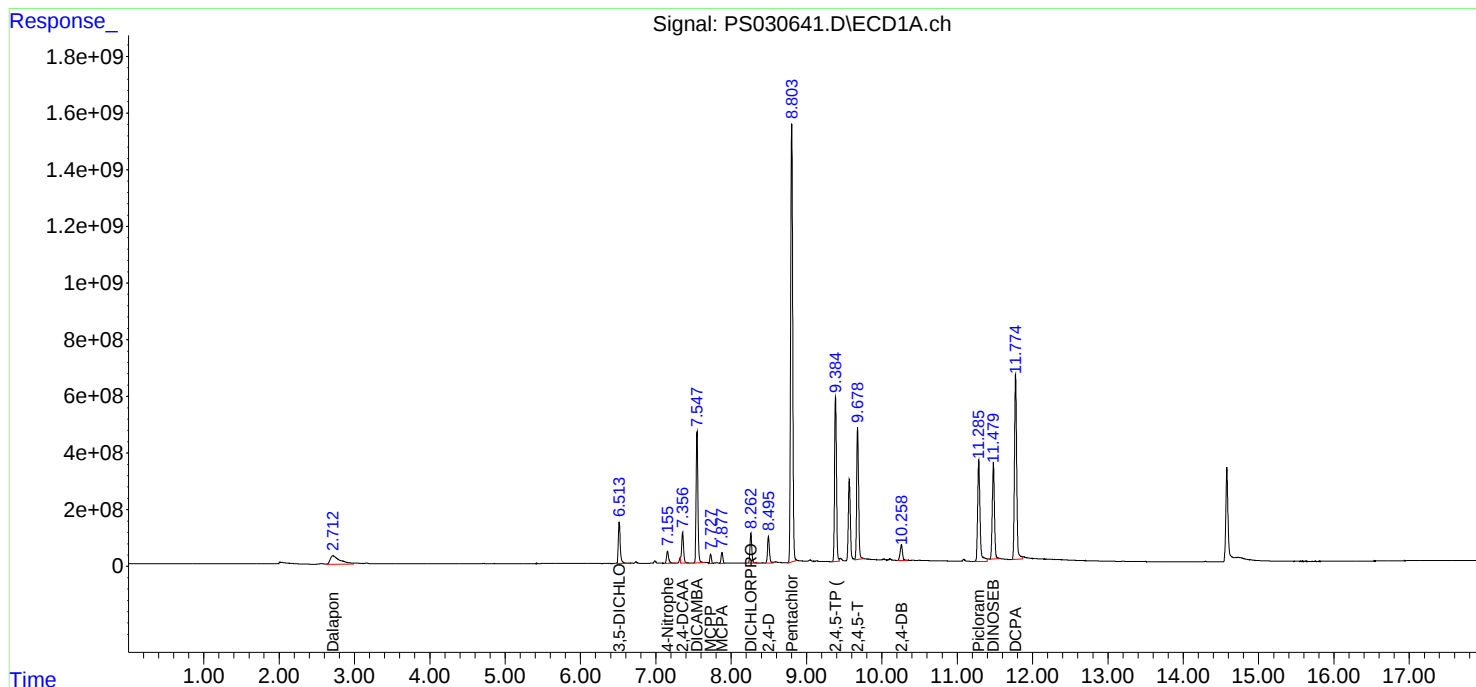
APPROVED

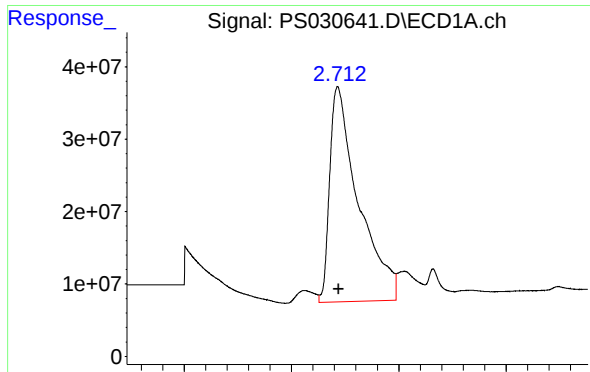
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Supervised By :mohammad ahmed 06/16/2025

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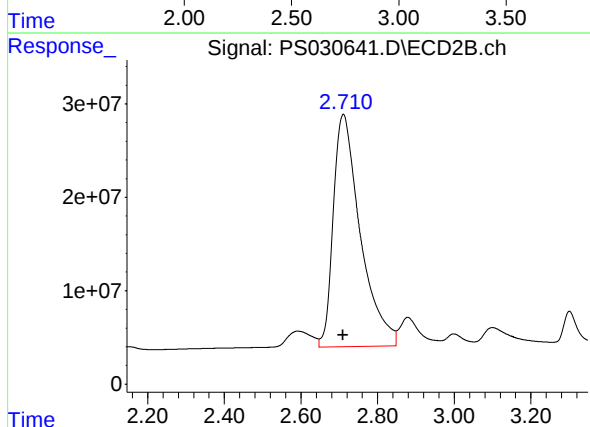
#1 Dalapon

R.T.: 2.714 min
Delta R.T.: -0.006 min
Response: 2766656749
Conc: 489.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168443BS

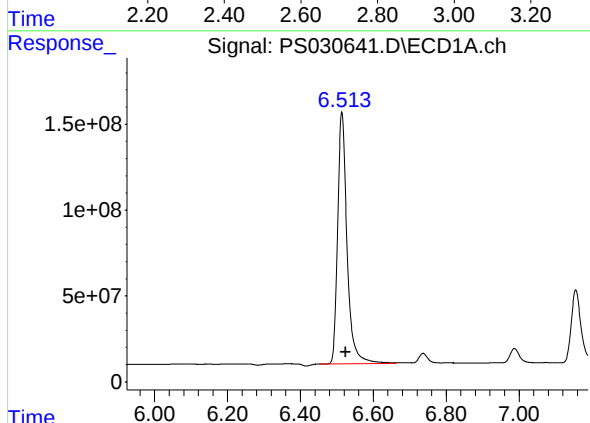
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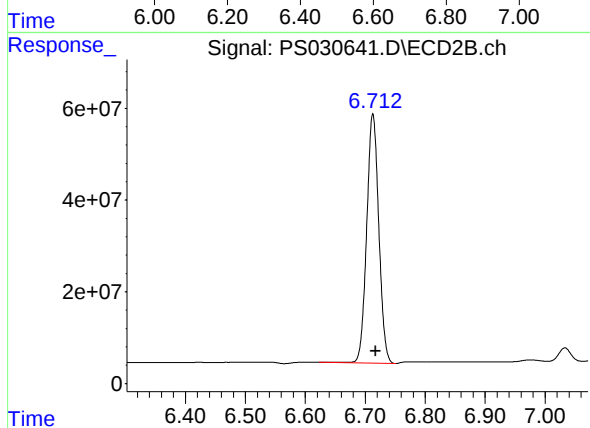
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1223531509
Conc: 446.54 ng/ml



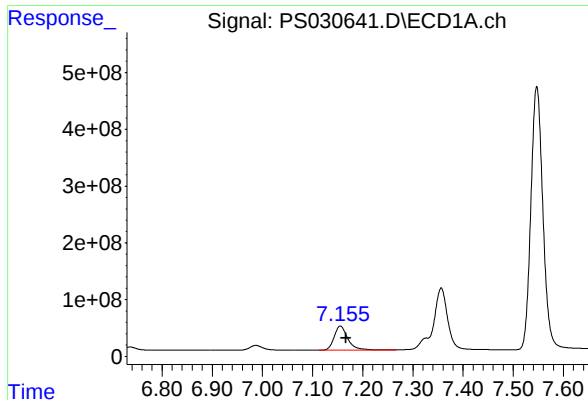
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.514 min
Delta R.T.: -0.010 min
Response: 2632122444
Conc: 485.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 760820731
Conc: 486.38 ng/ml



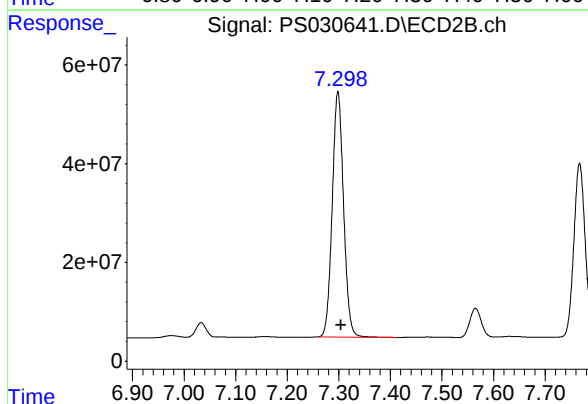
#3 4-Nitrophenol

R.T.: 7.155 min
Delta R.T.: -0.012 min
Response: 803128784
Conc: 437.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168443BS

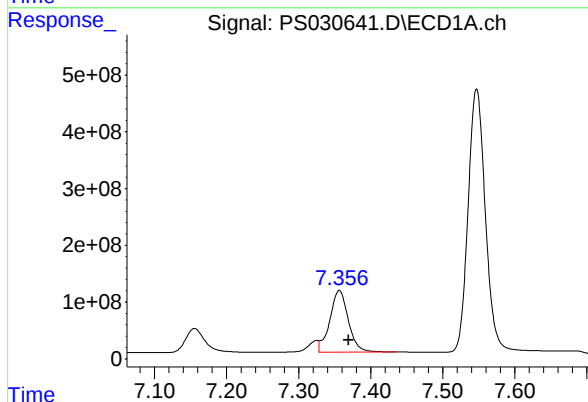
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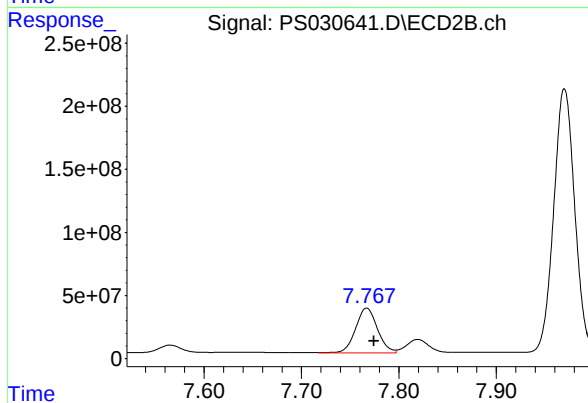
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: -0.006 min
Response: 757471819
Conc: 483.31 ng/ml



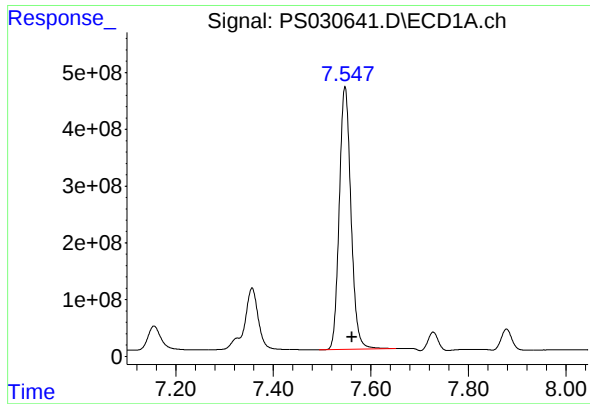
#4 2,4-DCAA

R.T.: 7.356 min
Delta R.T.: -0.013 min
Response: 1939756249
Conc: 513.82 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 558589952
Conc: 519.32 ng/ml



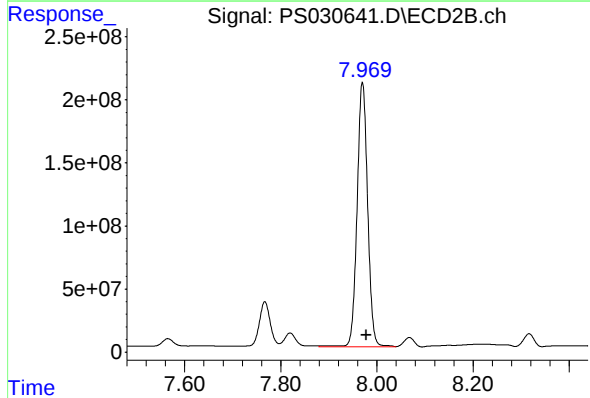
#5 DICAMBA

R.T.: 7.547 min
Delta R.T.: -0.014 min
Response: 7688043500
Conc: 498.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168443BS

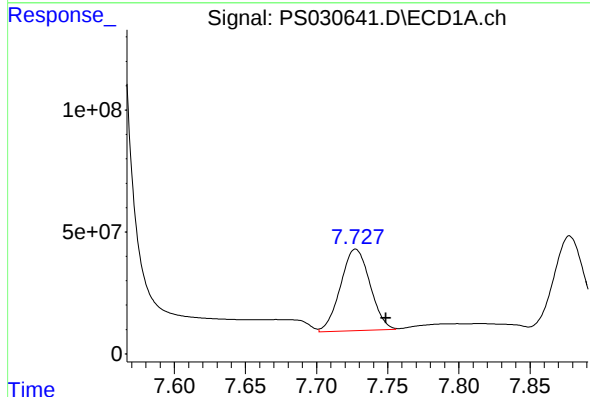
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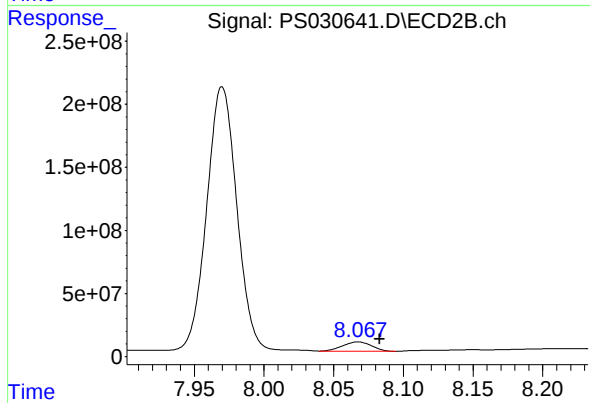
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.008 min
Response: 3194663172
Conc: 495.94 ng/ml



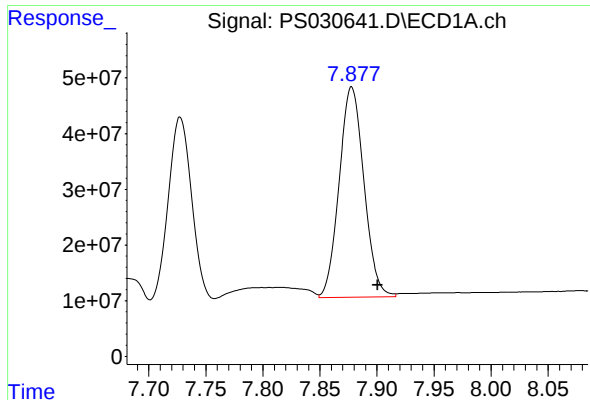
#6 MCPP

R.T.: 7.727 min
Delta R.T.: -0.022 min
Response: 481602698
Conc: 48.62 ug/ml m



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.015 min
Response: 110155987
Conc: 47.65 ug/ml



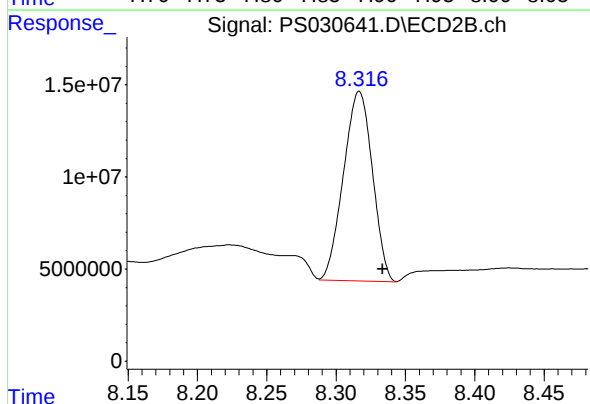
#7 MCPA

R.T.: 7.878 min
Delta R.T.: -0.023 min
Response: 569762022
Conc: 44.90 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168443BS

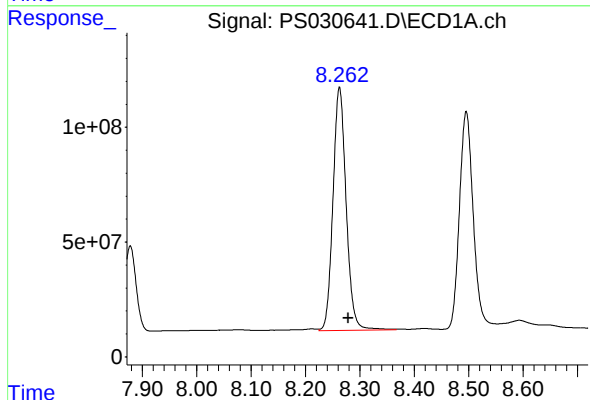
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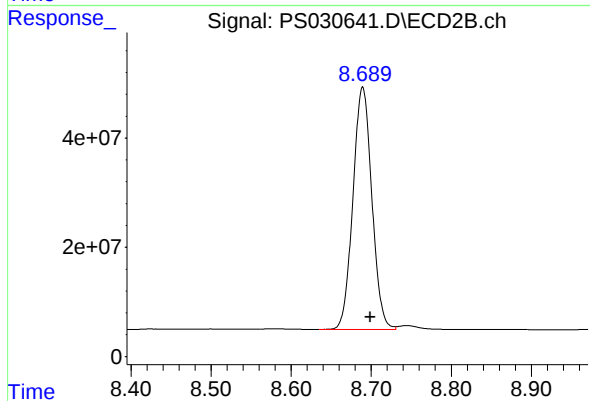
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.017 min
Response: 149384967
Conc: 48.41 ug/ml m



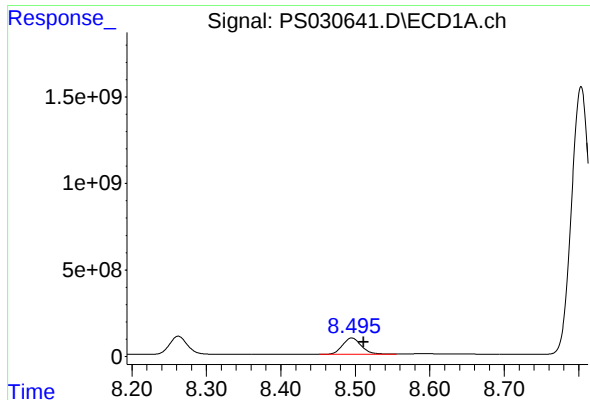
#8 DICHLORPROP

R.T.: 8.262 min
Delta R.T.: -0.016 min
Response: 1780249920
Conc: 489.33 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.010 min
Response: 727138982
Conc: 489.92 ng/ml



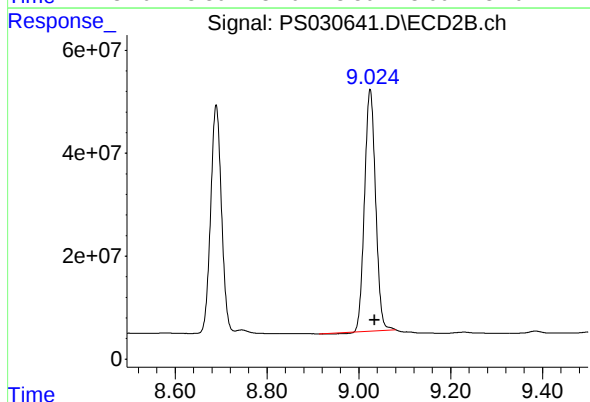
#9 2,4-D

R.T.: 8.495 min
Delta R.T.: -0.016 min
Response: 1683898521
Conc: 462.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168443BS

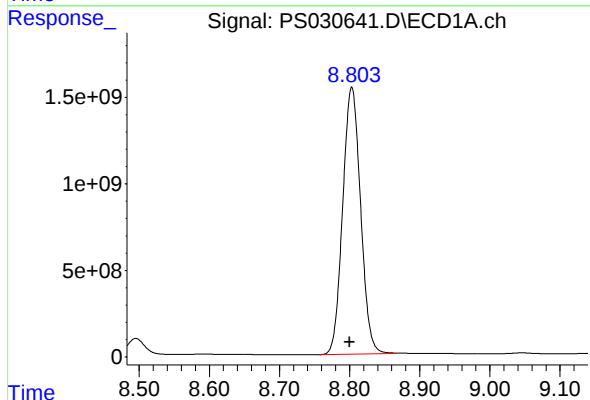
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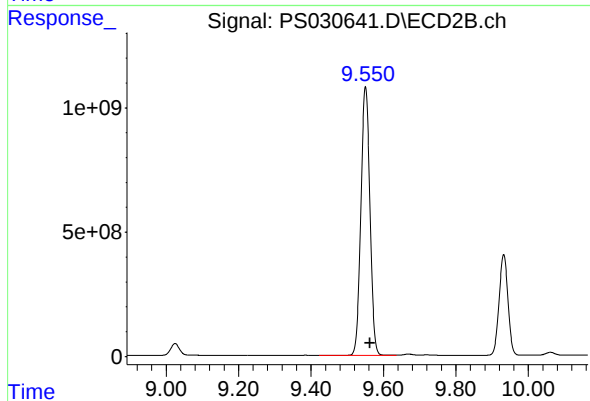
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.010 min
Response: 779621928
Conc: 495.84 ng/ml



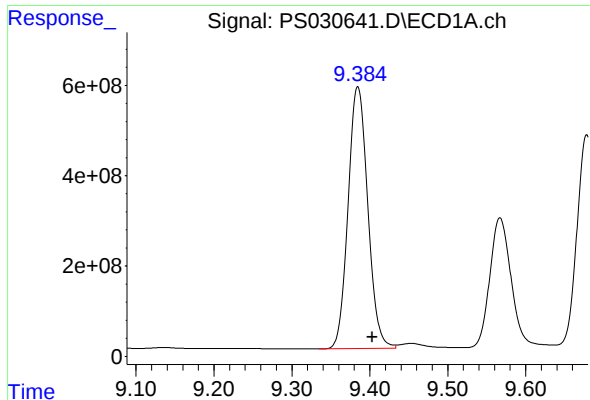
#10 Pentachlorophenol

R.T.: 8.803 min
Delta R.T.: 0.003 min
Response: 27386604243
Conc: 539.25 ng/ml m



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.012 min
Response: 18696932934
Conc: 517.38 ng/ml



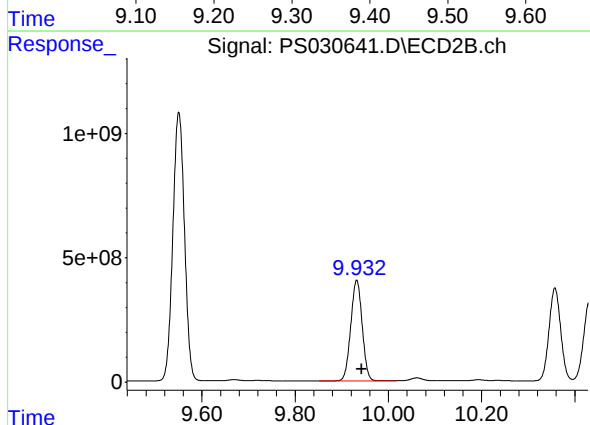
#11 2,4,5-TP (SILVEX)

R.T.: 9.385 min
Delta R.T.: -0.018 min
Response: 10172787205
Conc: 492.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168443BS

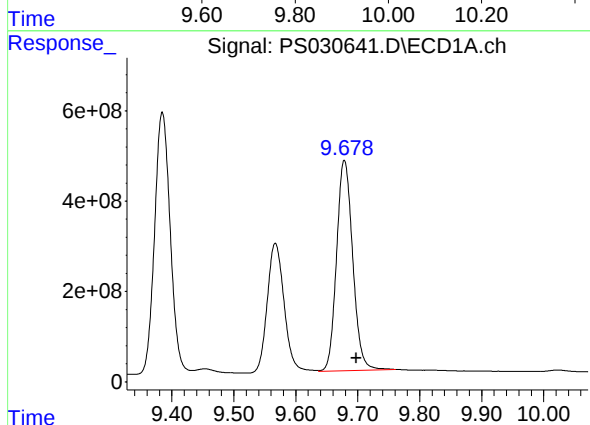
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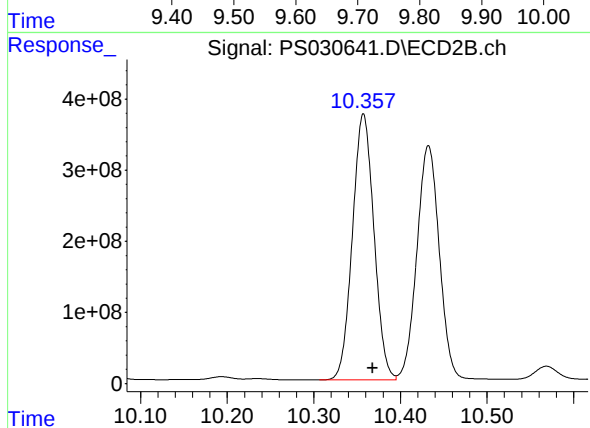
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.010 min
Response: 6867640850
Conc: 500.68 ng/ml



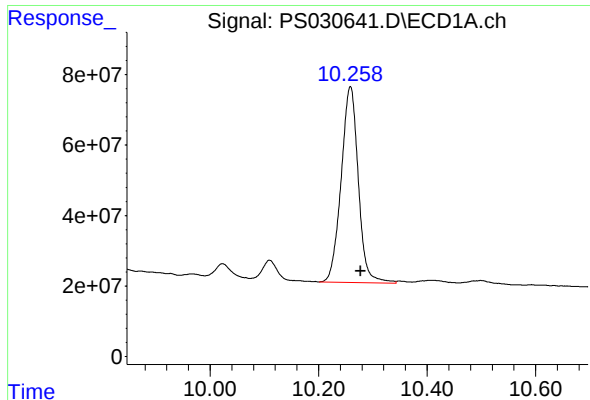
#12 2,4,5-T

R.T.: 9.678 min
Delta R.T.: -0.019 min
Response: 8419299464
Conc: 456.80 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.011 min
Response: 6458915859
Conc: 494.67 ng/ml



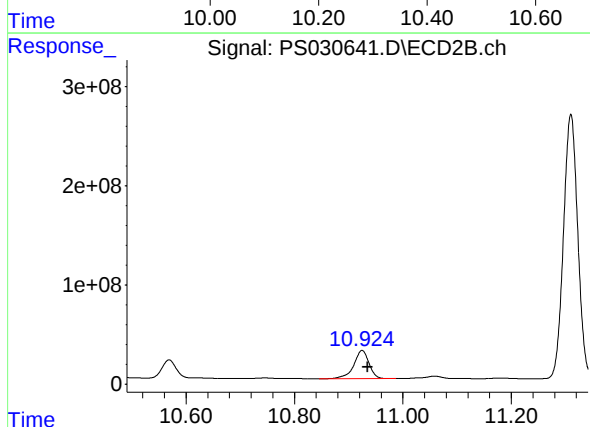
#13 2,4-DB

R.T.: 10.259 min
Delta R.T.: -0.019 min
Response: 1221017952
Conc: 402.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168443BS

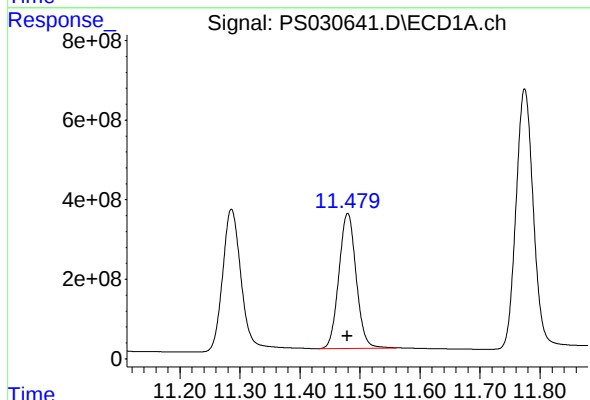
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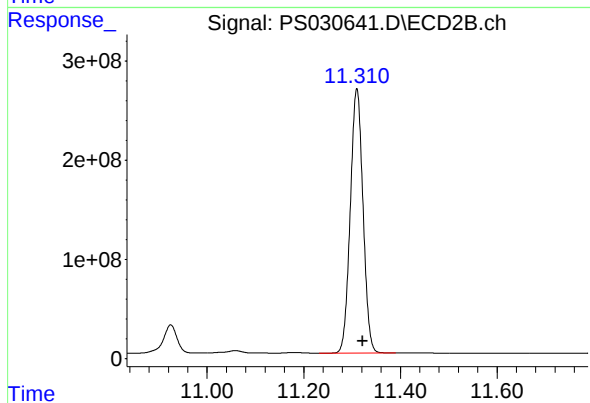
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.011 min
Response: 560202505
Conc: 487.32 ng/ml m



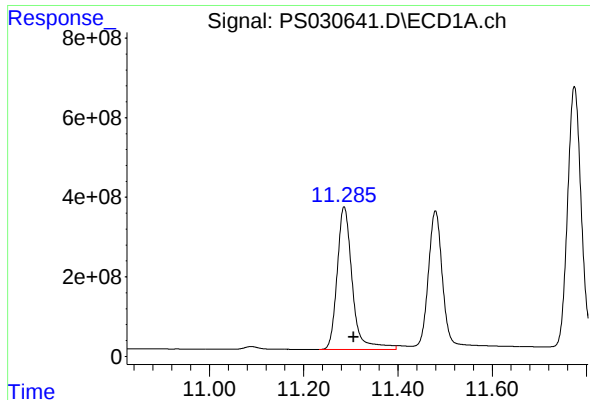
#14 DINOSEB

R.T.: 11.479 min
Delta R.T.: 0.000 min
Response: 6800257001
Conc: 473.06 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.012 min
Response: 4864619027
Conc: 484.04 ng/ml



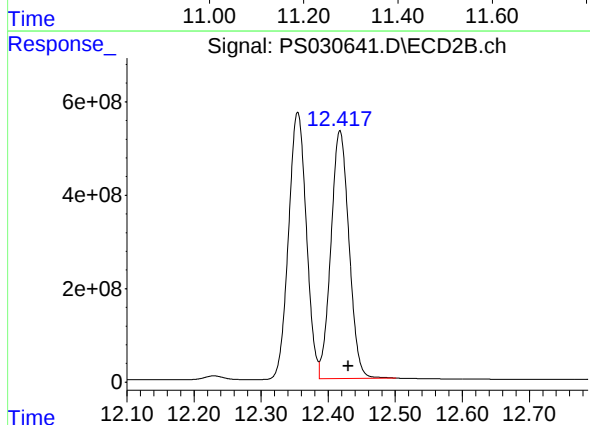
#15 Picloram

R.T.: 11.285 min
Delta R.T.: -0.021 min
Response: 8027382138
Conc: 401.27 ng/ml

Instrument :
ECD_S
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PB168443BS

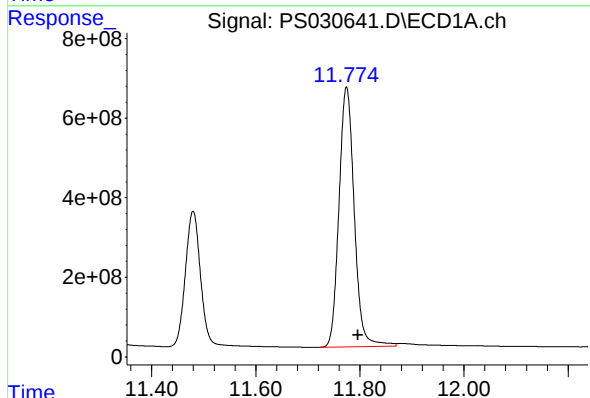
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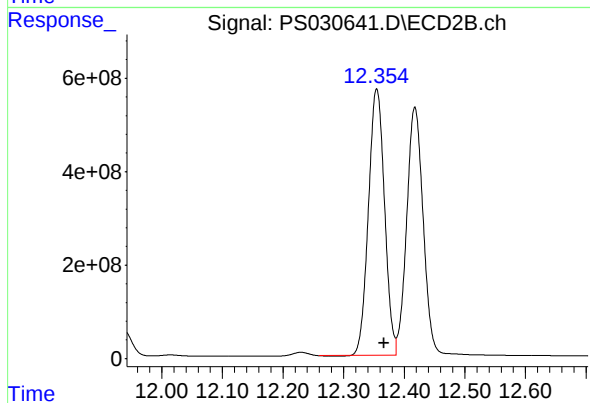
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.012 min
Response: 9957300585
Conc: 450.89 ng/ml



#16 DCPA

R.T.: 11.774 min
Delta R.T.: -0.023 min
Response: 13306366292
Conc: 503.26 ng/ml m



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.012 min
Response: 10480888282
Conc: 512.19 ng/ml