

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 04:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

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 06:45:11 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	7.354	7.768	2821.4E6	809.7E6	747.365	752.794
Target Compounds							
1) T	Dalapon	2.711	2.709	3805.5E6	1858.1E6	673.909	678.125
2) T	3,5-DICHL...	6.512	6.714	3859.1E6	1141.7E6	711.172	729.859
3) T	4-Nitroph...	7.153	7.300	1228.0E6	1171.9E6	669.687	747.770
5) T	DICAMBA	7.545	7.971	11327.0E6	4814.8E6	734.445	747.452
6) T	MCP	7.727	8.071	754.2E6	167.5E6	76.146m	72.473
7) T	MCPA	7.878	8.320	902.2E6	235.7E6	71.102	76.379m
8) T	DICHLORPROP	8.259	8.690	2591.1E6	1077.6E6	712.201	726.076
9) T	2,4-D	8.492	9.026	2569.7E6	1173.6E6	705.252	746.438
10) T	Pentachlo...	8.797	9.552	39990.3E6	28116.9E6	787.425m	778.042
11) T	2,4,5-TP ...	9.381	9.932	15247.6E6	10341.2E6	737.846	753.913
12) T	2,4,5-T	9.676	10.358	13428.3E6	9852.3E6	728.570	754.552
13) T	2,4-DB	10.255	10.925	2076.5E6	844.3E6	683.861	734.492
14) T	DINOSEB	11.475	11.311	10603.0E6	7616.1E6	737.602m	757.811
15) T	Picloram	11.281	12.419	13455.2E6	16092.4E6	672.598m	728.694
16) T	DCPA	11.771	12.355	20050.7E6	15851.0E6	758.343	774.619m

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

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Acq On : 13 Jun 2025 04:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

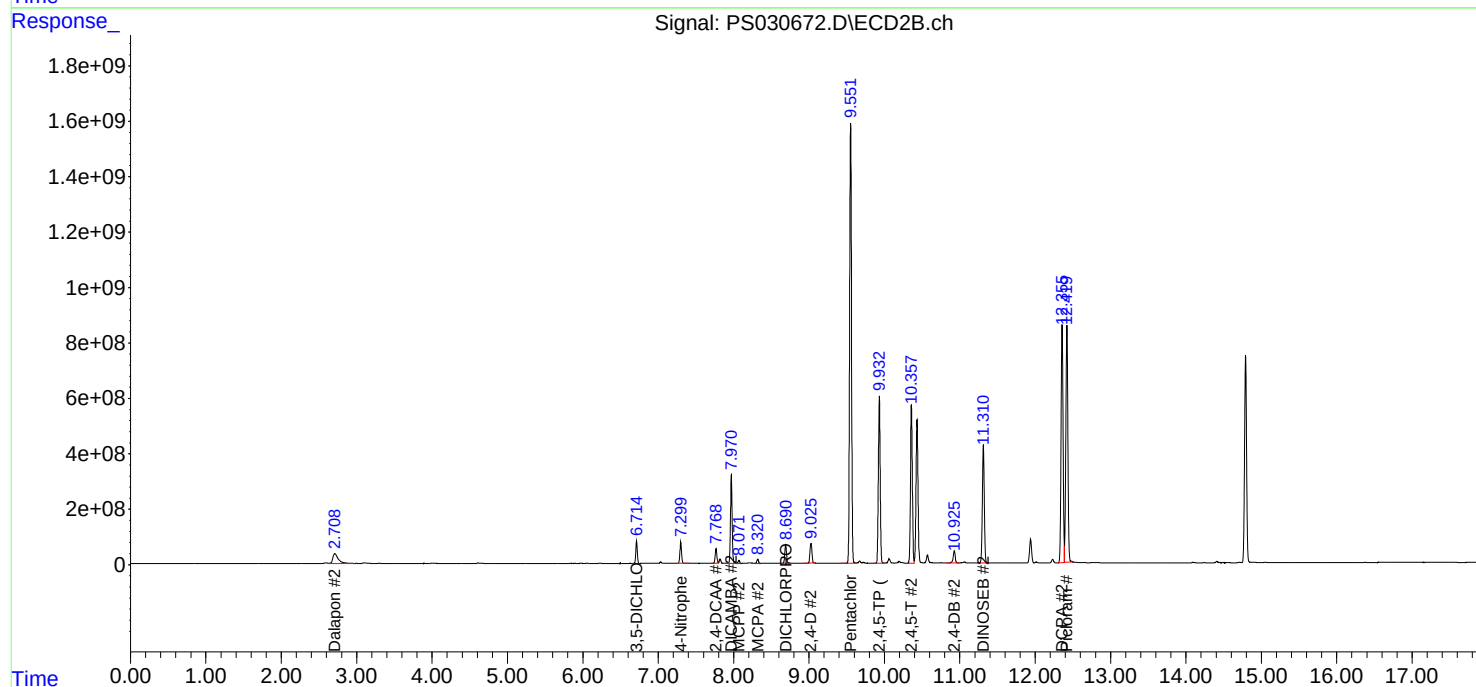
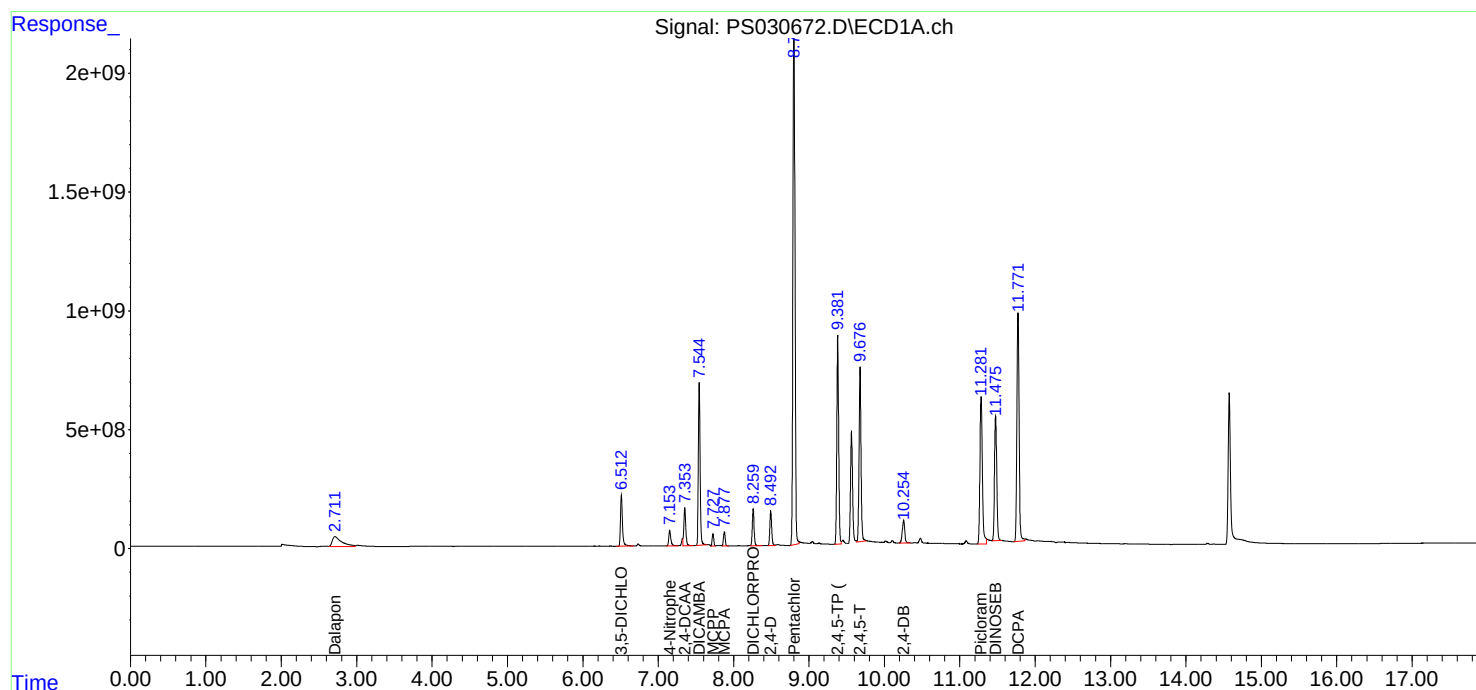
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

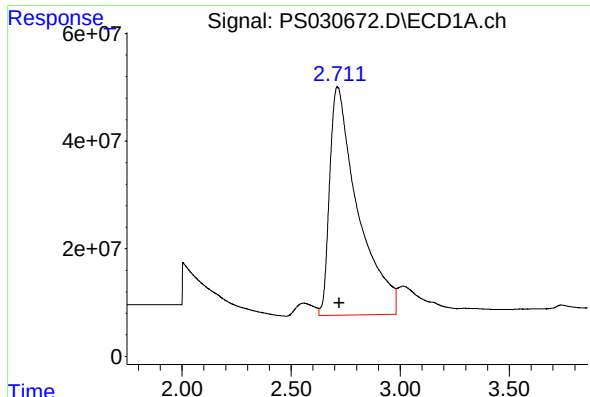
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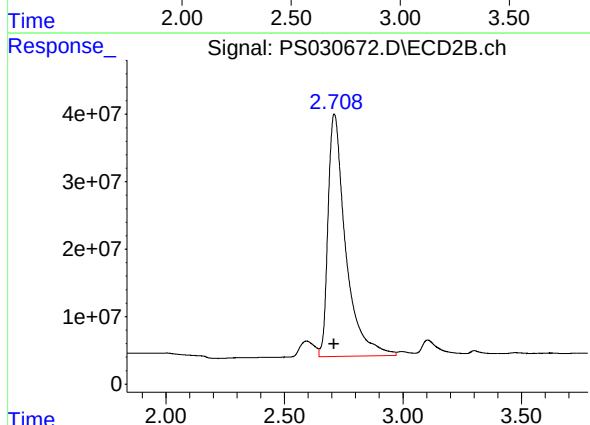
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: -0.009 min
Response: 3805544603
Conc: 673.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

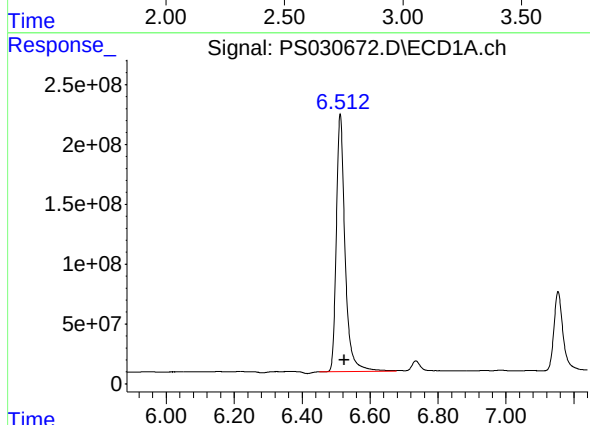
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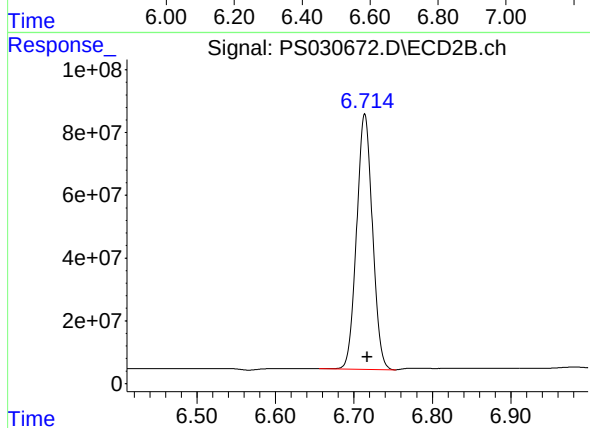
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: -0.001 min
Response: 1858072022
Conc: 678.12 ng/ml



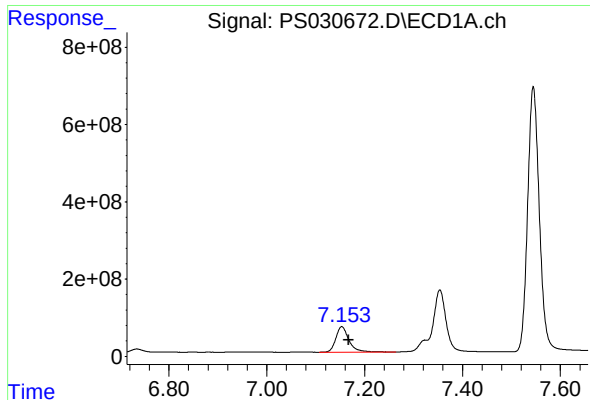
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.512 min
Delta R.T.: -0.012 min
Response: 3859067397
Conc: 711.17 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 1141680550
Conc: 729.86 ng/ml



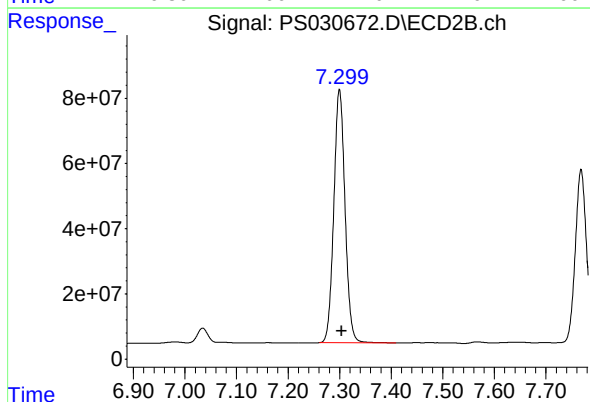
#3 4-Nitrophenol

R.T.: 7.153 min
Delta R.T.: -0.014 min
Response: 1228042200
Conc: 669.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

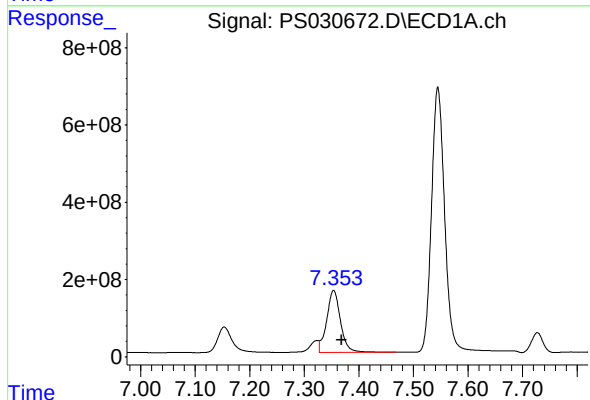
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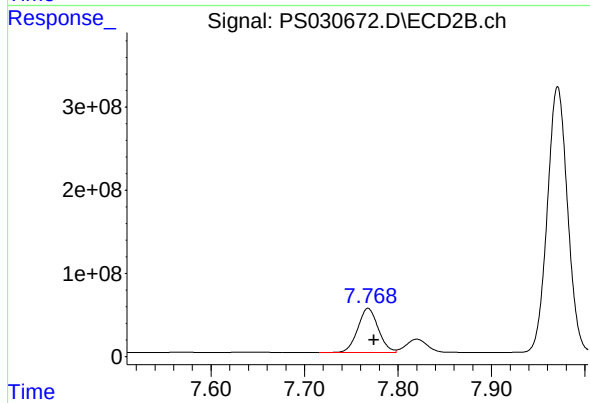
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 1171937489
Conc: 747.77 ng/ml



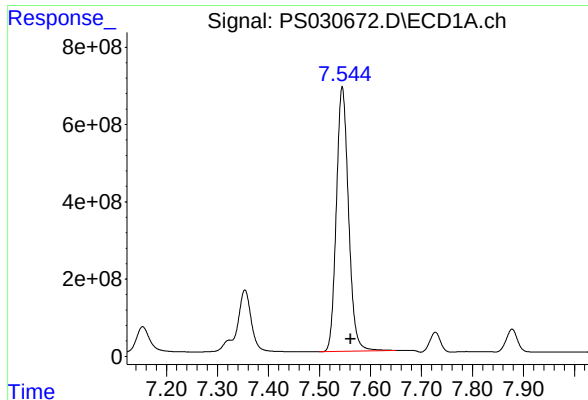
#4 2,4-DCAA

R.T.: 7.354 min
Delta R.T.: -0.015 min
Response: 2821410355
Conc: 747.36 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 809712508
Conc: 752.79 ng/ml



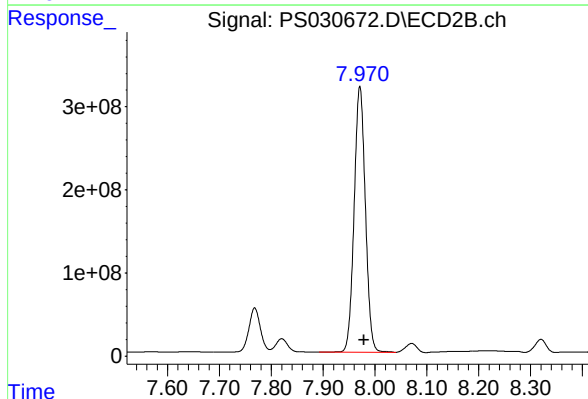
#5 DICAMBA

R.T.: 7.545 min
Delta R.T.: -0.017 min
Response: 11327006156
Conc: 734.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

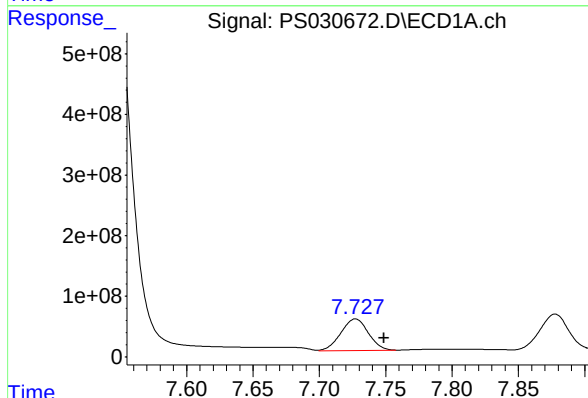
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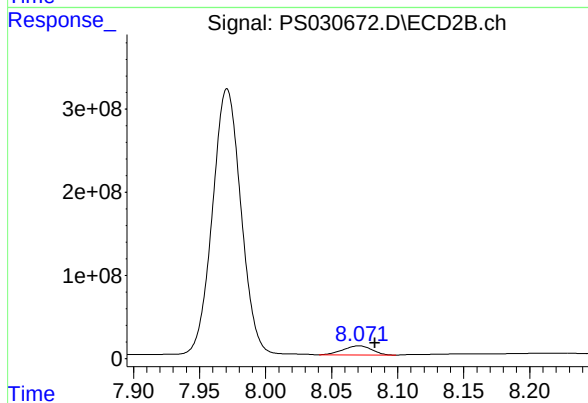
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.008 min
Response: 4814825375
Conc: 747.45 ng/ml



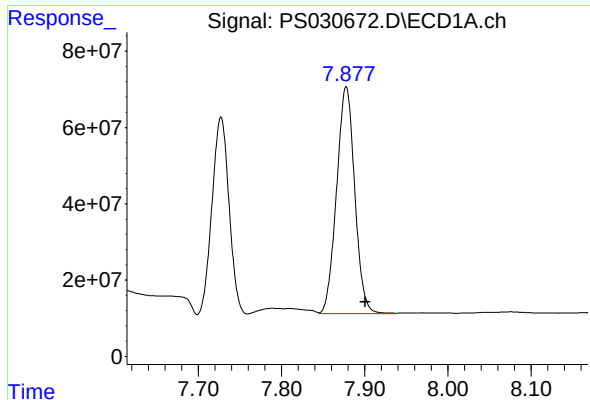
#6 MCPP

R.T.: 7.727 min
Delta R.T.: -0.022 min
Response: 754218140
Conc: 76.15 ug/ml m



#6 MCPP

R.T.: 8.071 min
Delta R.T.: -0.012 min
Response: 167527294
Conc: 72.47 ug/ml



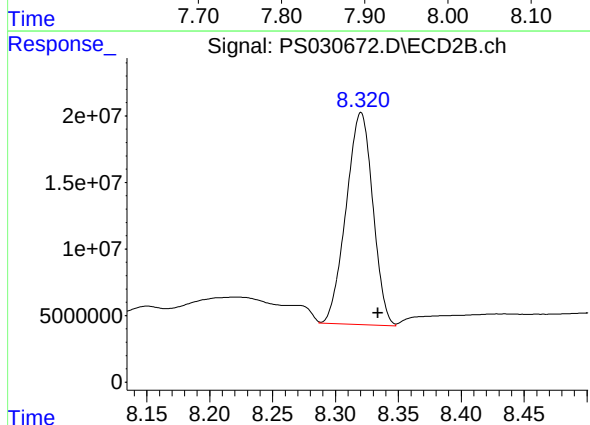
#7 MCPA

R.T.: 7.878 min
Delta R.T.: -0.023 min
Response: 902242980
Conc: 71.10 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

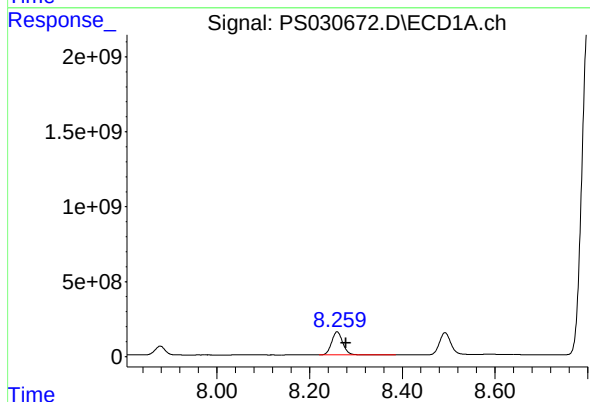
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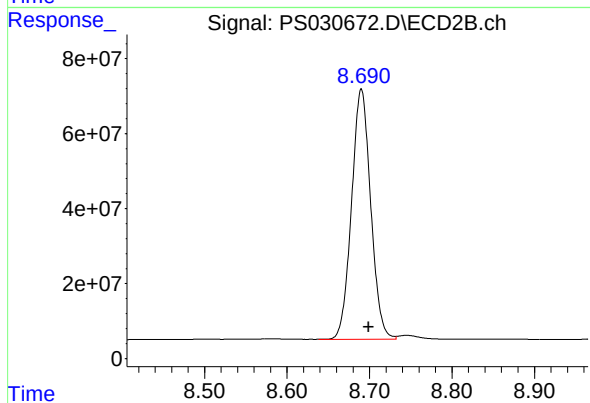
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.014 min
Response: 235699725
Conc: 76.38 ug/ml



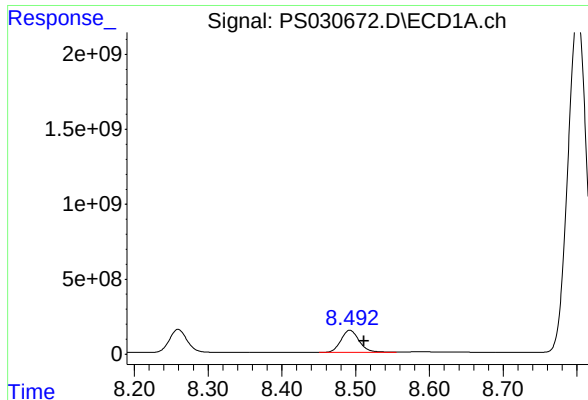
#8 DICHLORPROP

R.T.: 8.259 min
Delta R.T.: -0.019 min
Response: 2591090880
Conc: 712.20 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 1077644068
Conc: 726.08 ng/ml



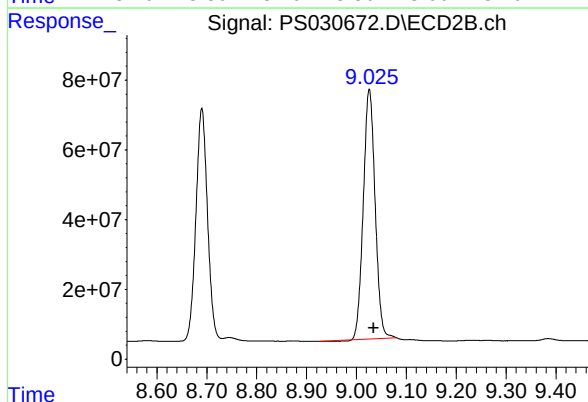
#9 2,4-D

R.T.: 8.492 min
Delta R.T.: -0.019 min
Response: 2569664879
Conc: 705.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

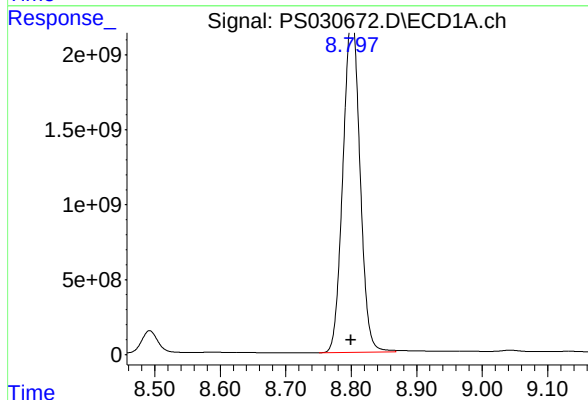
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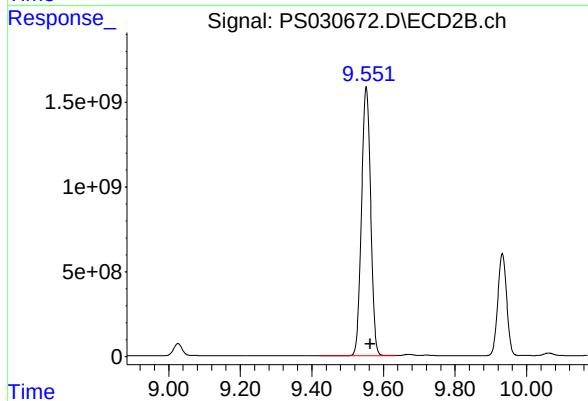
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 1173639478
Conc: 746.44 ng/ml



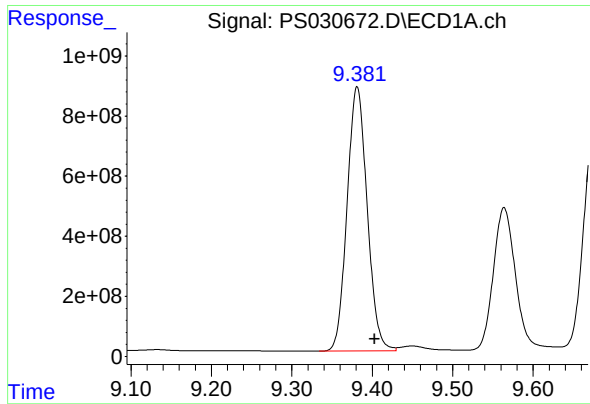
#10 Pentachlorophenol

R.T.: 8.797 min
Delta R.T.: -0.003 min
Response: 39990301206
Conc: 787.42 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 28116900158
Conc: 778.04 ng/ml



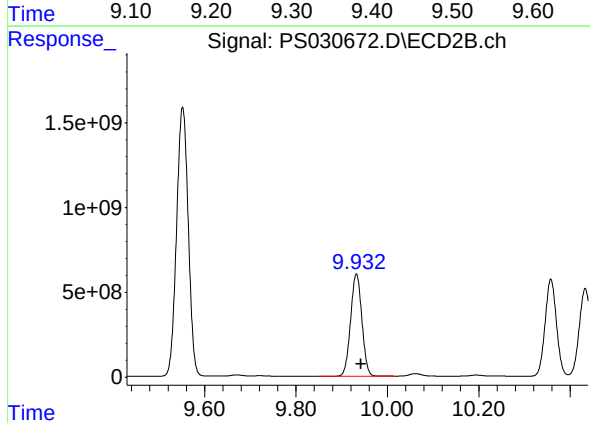
#11 2,4,5-TP (SILVEX)

R.T.: 9.381 min
Delta R.T.: -0.022 min
Response: 15247646471
Conc: 737.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

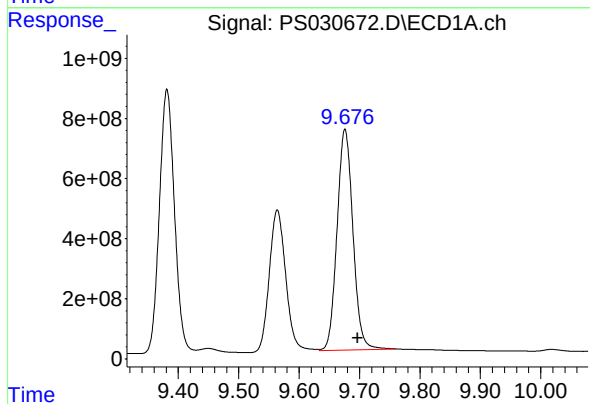
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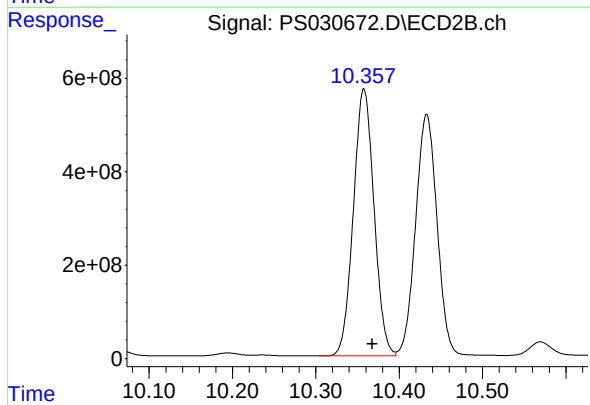
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.010 min
Response: 10341232407
Conc: 753.91 ng/ml



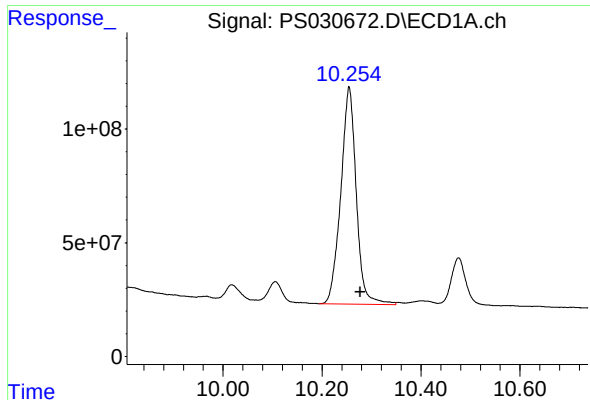
#12 2,4,5-T

R.T.: 9.676 min
Delta R.T.: -0.021 min
Response: 13428328153
Conc: 728.57 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: -0.010 min
Response: 9852284884
Conc: 754.55 ng/ml



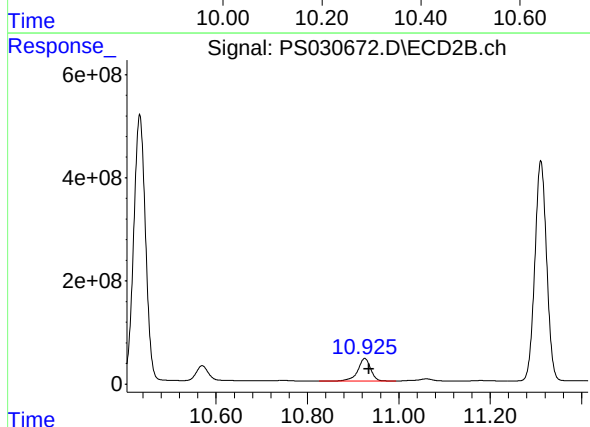
#13 2,4-DB

R.T.: 10.255 min
Delta R.T.: -0.023 min
Response: 2076451226
Conc: 683.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

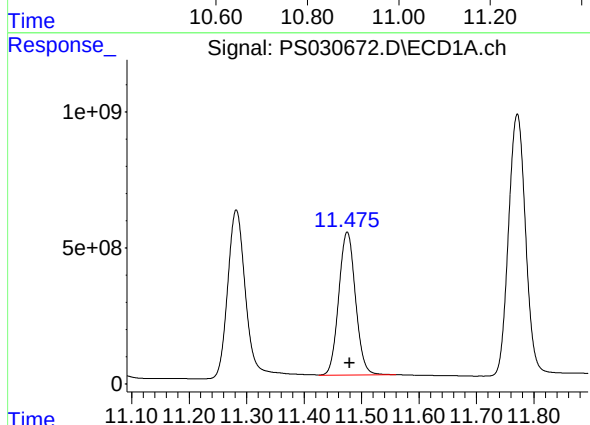
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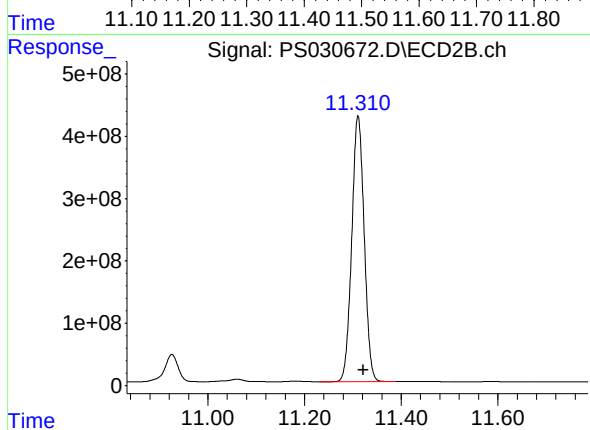
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: -0.010 min
Response: 844337645
Conc: 734.49 ng/ml



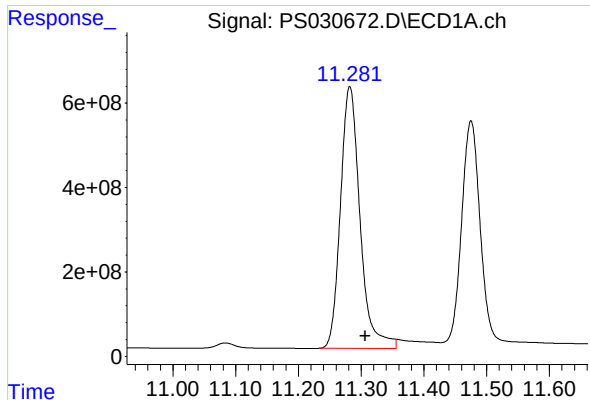
#14 DINOSEB

R.T.: 11.475 min
Delta R.T.: -0.004 min
Response: 10602984443
Conc: 737.60 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.011 min
Response: 7616088221
Conc: 757.81 ng/ml



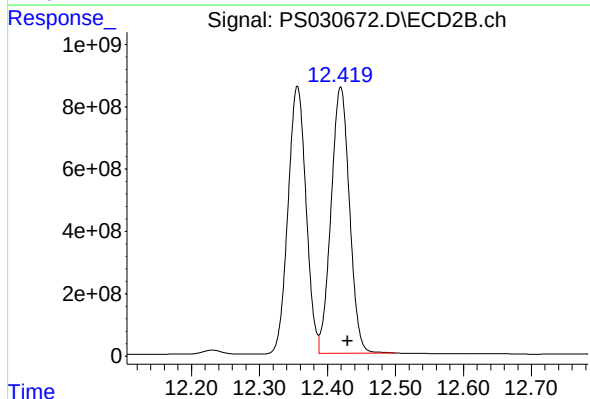
#15 Picloram

R.T.: 11.281 min
Delta R.T.: -0.025 min
Response: 13455201324
Conc: 672.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

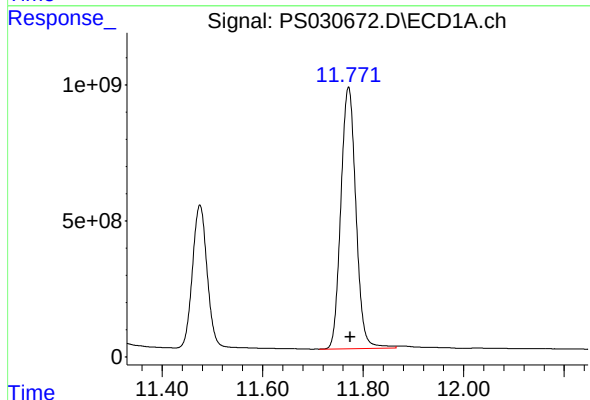
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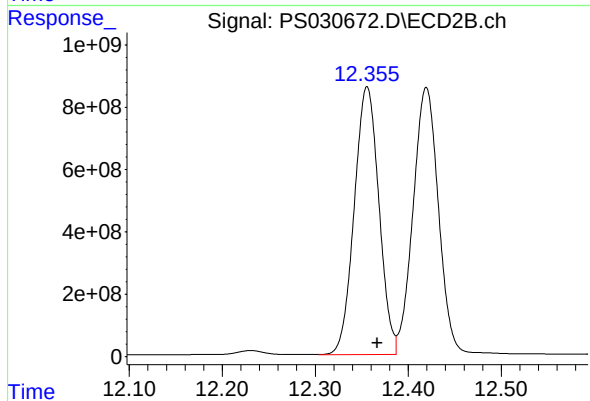
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.010 min
Response: 16092396390
Conc: 728.69 ng/ml



#16 DCPA

R.T.: 11.771 min
Delta R.T.: -0.004 min
Response: 20050667808
Conc: 758.34 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 15850974661
Conc: 774.62 ng/ml m