

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090425\
 Data File : PS031623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 09:43
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 04:06:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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 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	7.285	7.743	2694.6E6	638.9E6	848.960	755.806
Target Compounds							
1) T	Dalapon	2.671	2.690	3598.0E6	1760.8E6	685.477	661.694
2) T	3,5-DICHL...	6.453	6.695	3754.6E6	1038.6E6	795.753	768.229m
3) T	4-Nitroph...	7.095	7.295	794.4E6	814.6E6	770.011	648.146
5) T	DICAMBA	7.470	7.938	11163.6E6	4365.1E6	799.312	768.133
6) T	MCPD	7.647	8.035	673.6E6	142.1E6	83.725m	80.408m
7) T	MCPA	7.796	8.283	785.0E6	194.0E6	78.808	69.161
8) T	DICHLORPROP	8.177	8.658	2500.5E6	992.3E6	788.210	743.308
9) T	2,4-D	8.414	9.000	2340.7E6	1131.4E6	813.649	792.726m
10) T	Pentachlo...	8.704	9.508	40656.4E6	28355.9E6	846.789m	814.159
11) T	2,4,5-TP ...	9.286	9.892	14998.8E6	10284.5E6	836.815	784.120
12) T	2,4,5-T	9.583	10.322	12104.5E6	8893.8E6	826.175m	751.178
13) T	2,4-DB	10.160	10.891	1435.9E6	627.6E6	747.220m	650.456m
14) T	DINOSEB	11.357	11.266	10644.4E6	7544.9E6	839.568	797.821
15) T	Picloram	11.187	12.389	9944.8E6	11692.6E6	761.814m	667.018
16) T	DCPA	11.654	12.306	19723.5E6	16656.7E6	865.849m	845.501m

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

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Acq On : 04 Sep 2025 09:43
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

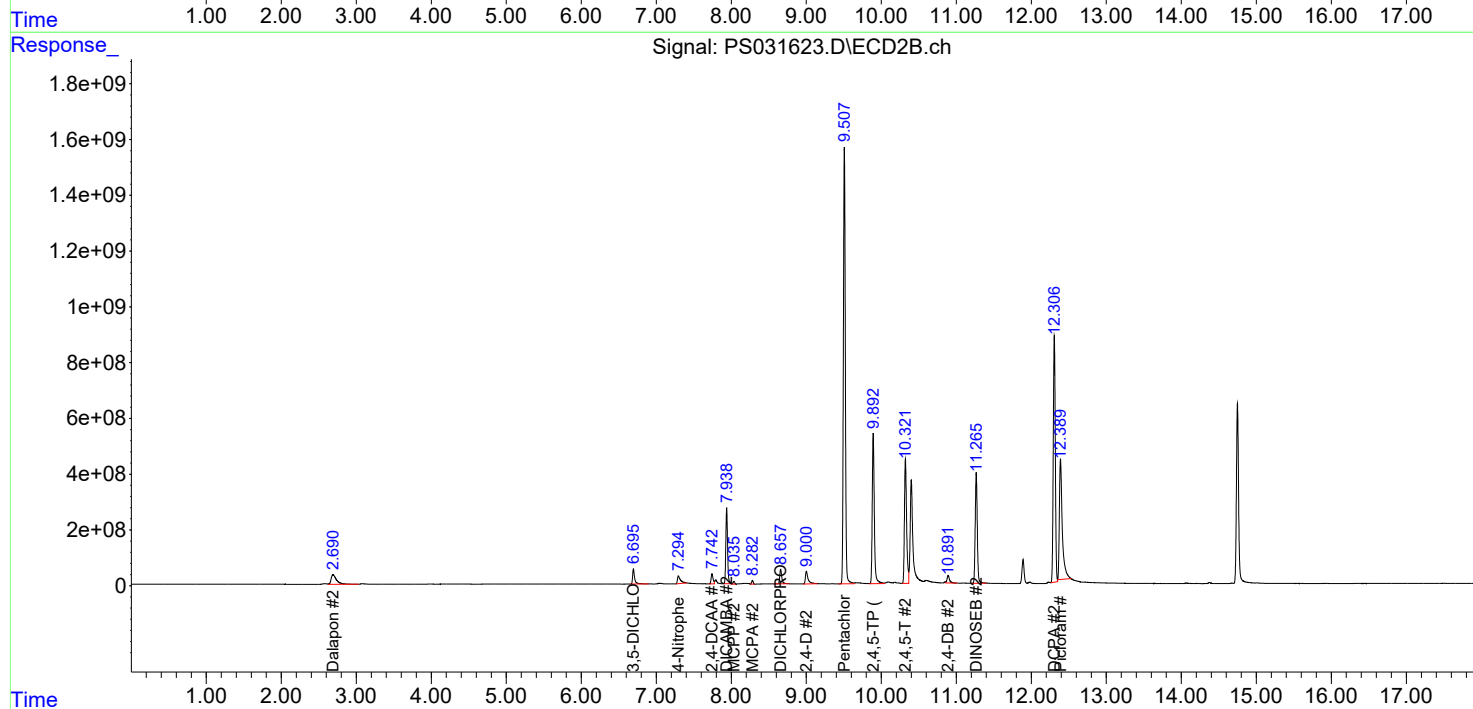
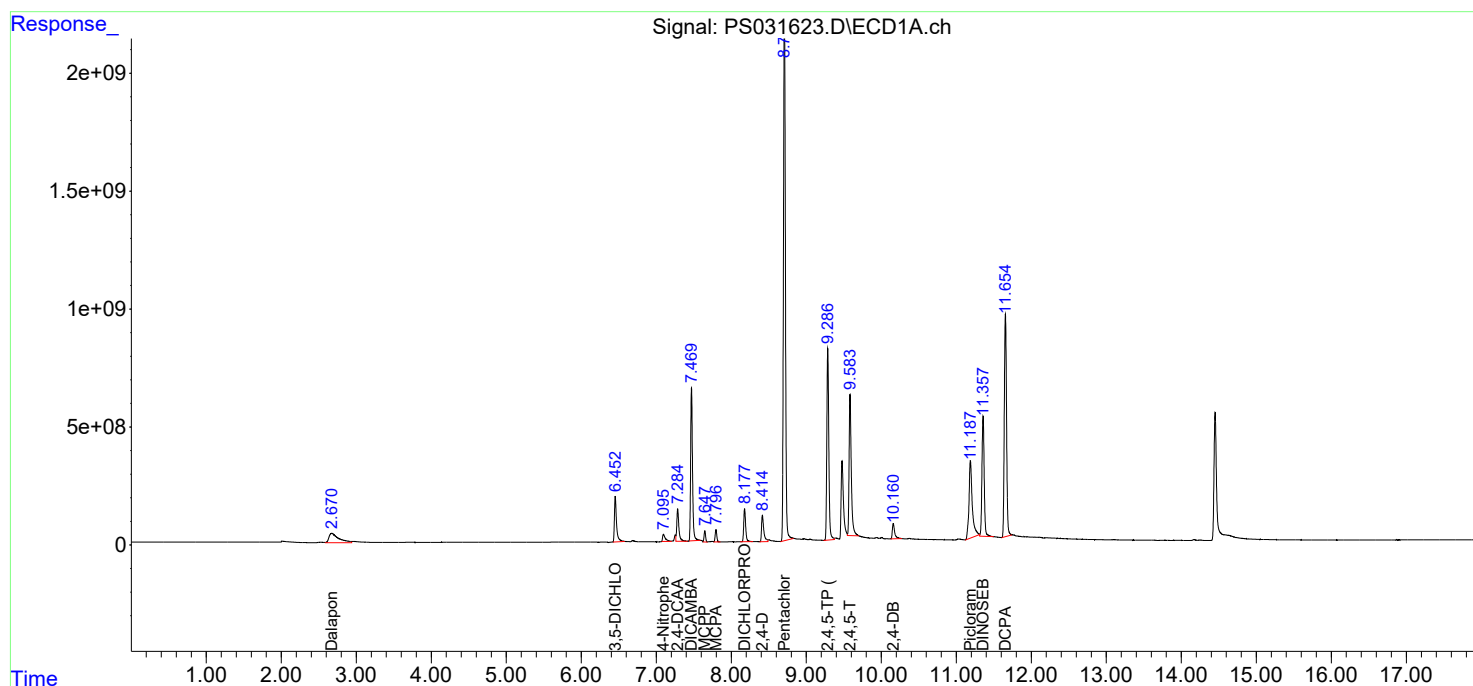
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

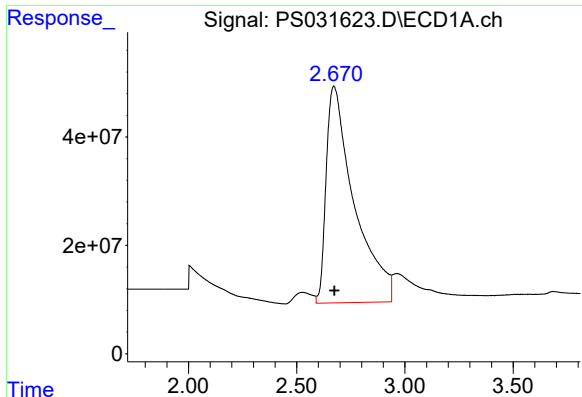
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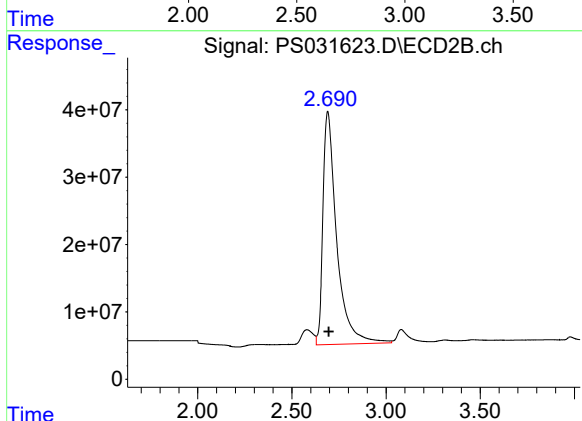
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: -0.003 min
Response: 3598023687
Conc: 685.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

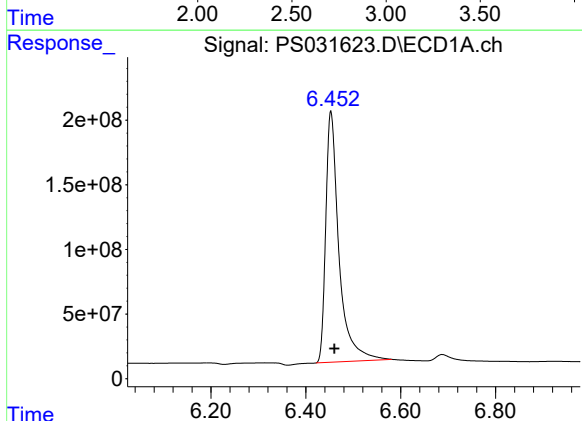
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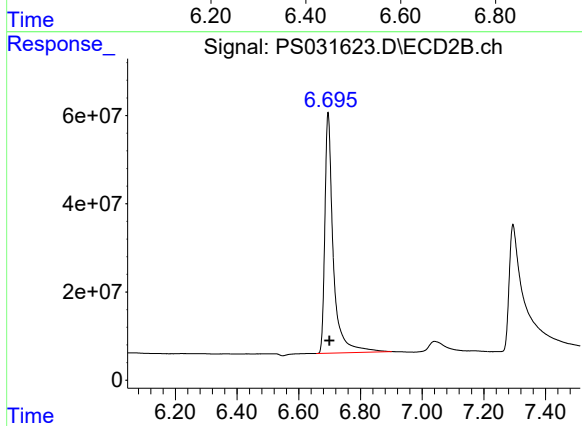
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.005 min
Response: 1760776716
Conc: 661.69 ng/ml



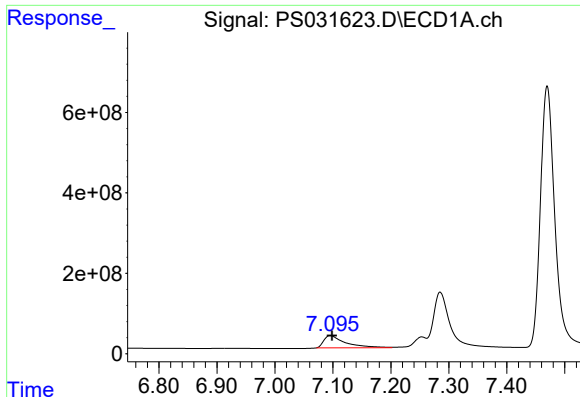
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.008 min
Response: 3754611874
Conc: 795.75 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 1038591809
Conc: 768.23 ng/ml m



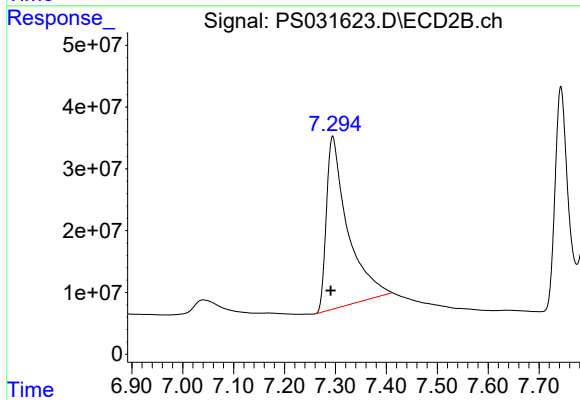
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 794404703
Conc: 770.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

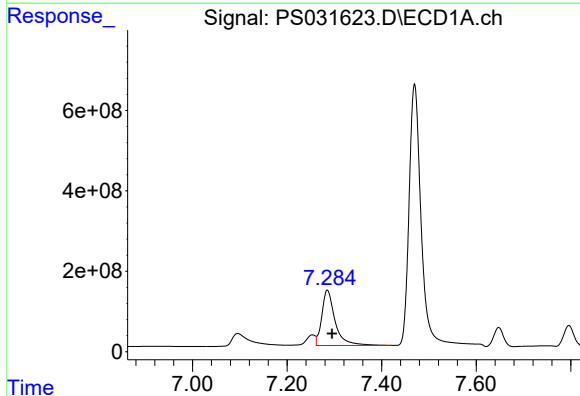
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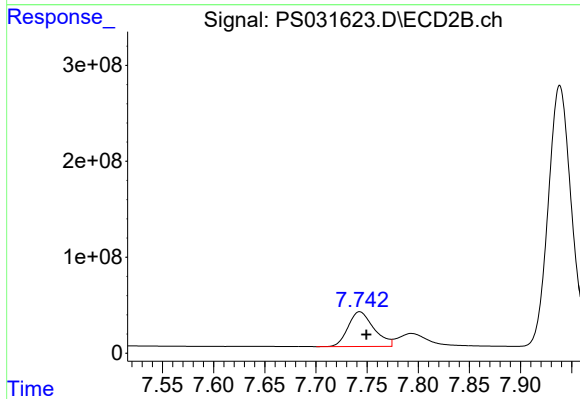
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.004 min
Response: 814648712
Conc: 648.15 ng/ml



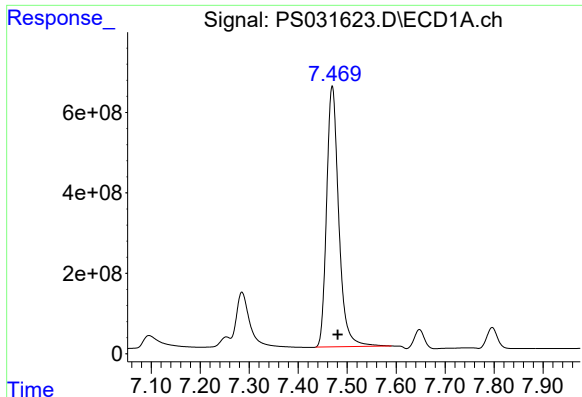
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.010 min
Response: 2694589091
Conc: 848.96 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 638912979
Conc: 755.81 ng/ml



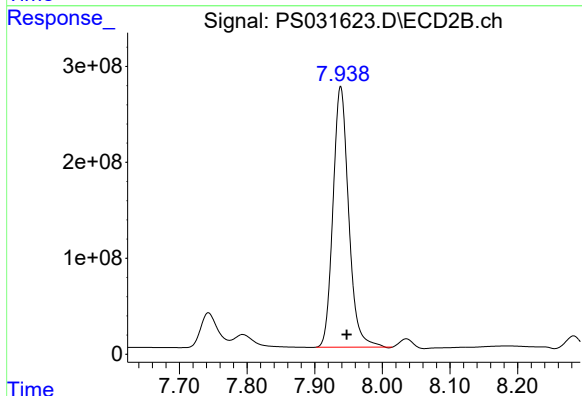
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 11163567653
Conc: 799.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

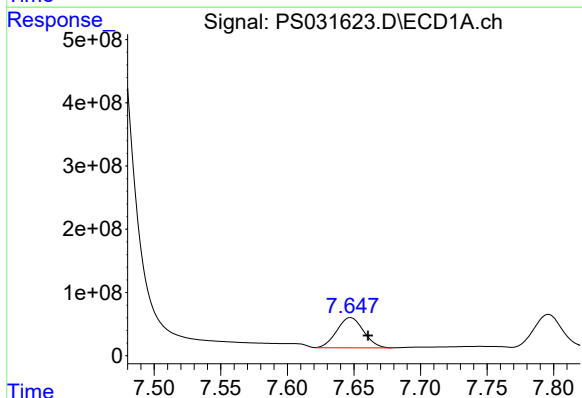
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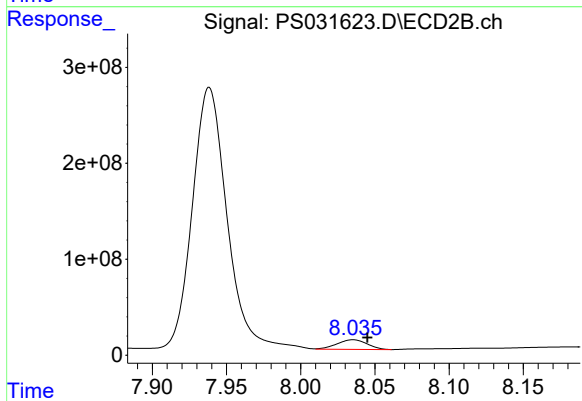
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 4365059648
Conc: 768.13 ng/ml



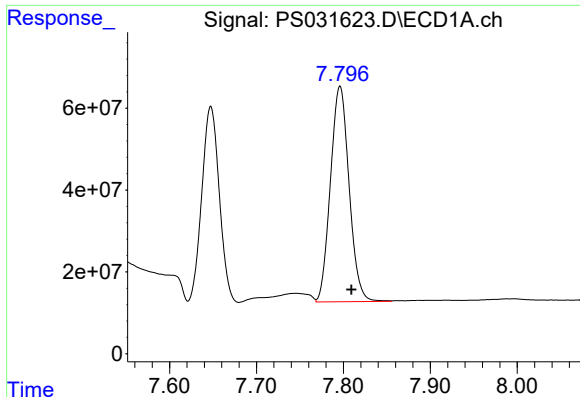
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.014 min
Response: 673557545
Conc: 83.73 ug/ml m



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 142148545
Conc: 80.41 ug/ml m



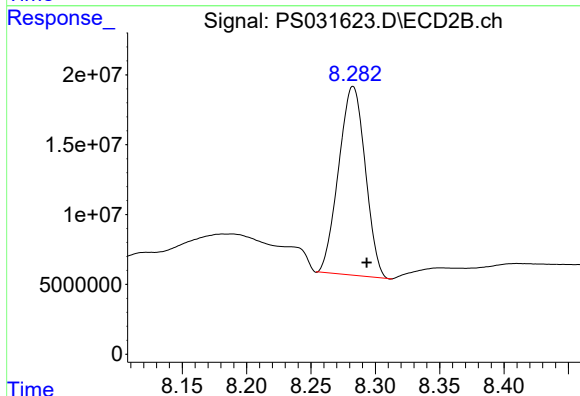
#7 MCPA

R.T.: 7.796 min
Delta R.T.: -0.013 min
Response: 785028448
Conc: 78.81 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

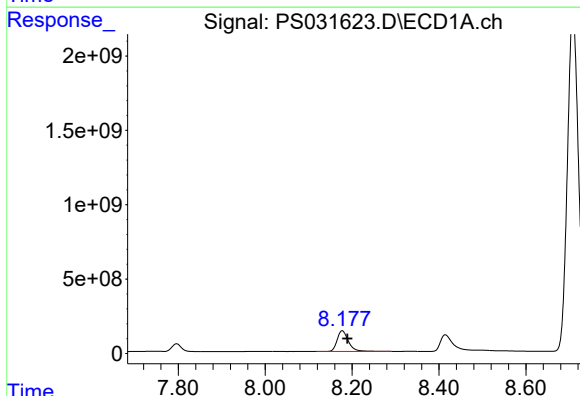
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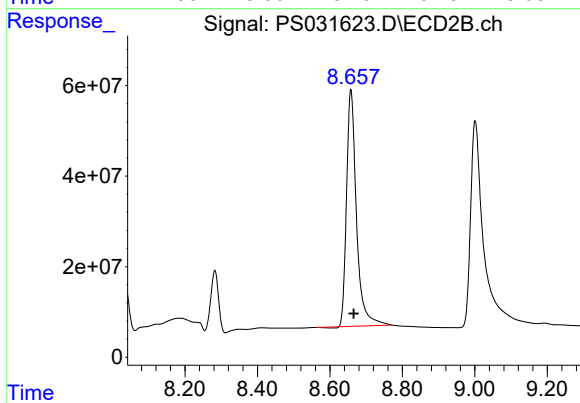
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.011 min
Response: 194030367
Conc: 69.16 ug/ml



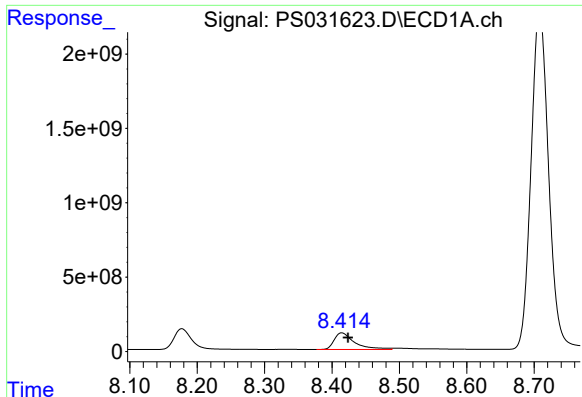
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: -0.012 min
Response: 2500541643
Conc: 788.21 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 992340892
Conc: 743.31 ng/ml



#9 2,4-D

R.T.: 8.414 min
Delta R.T.: -0.009 min
Response: 2340718980
Conc: 813.65 ng/ml

Instrument :

ECD_S

ClientSampleId :

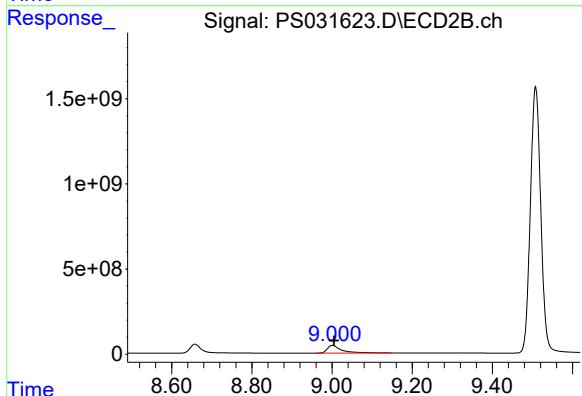
HSTDCCC750

Manual Integrations

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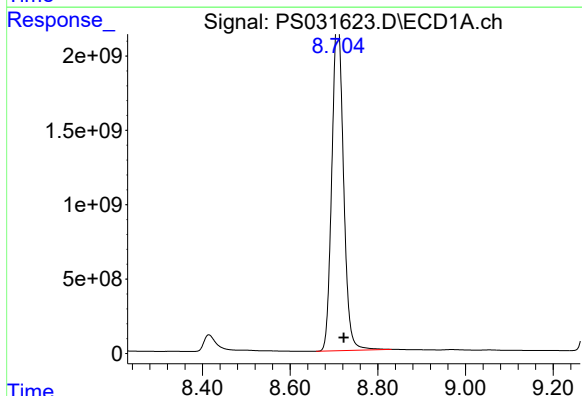
Reviewed By :Abdul Mirza 09/05/2025

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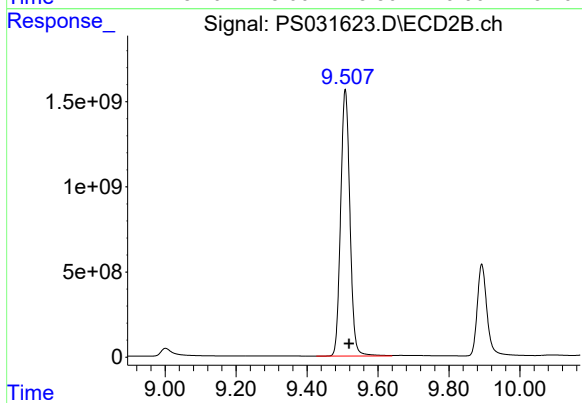
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: -0.006 min
Response: 1131447365
Conc: 792.73 ng/ml m



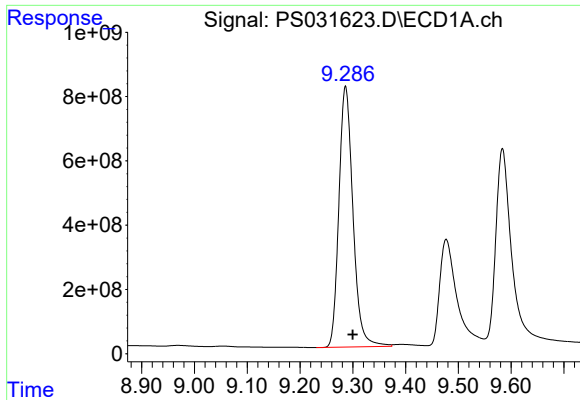
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.018 min
Response: 40656400200
Conc: 846.79 ng/ml m



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.011 min
Response: 28355857178
Conc: 814.16 ng/ml



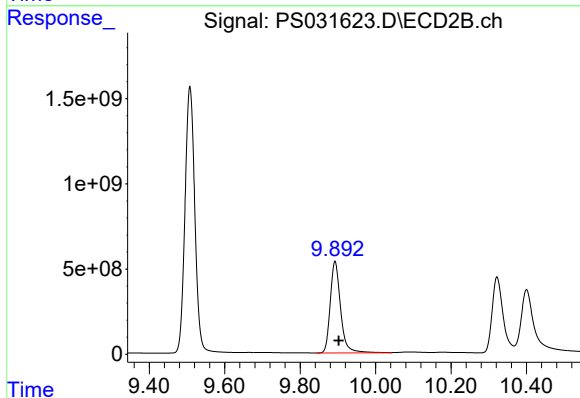
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 14998830597
Conc: 836.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

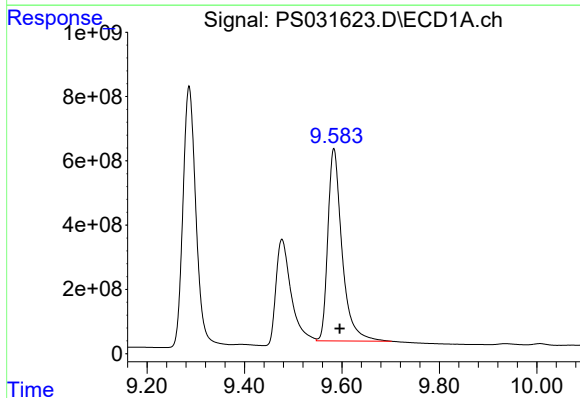
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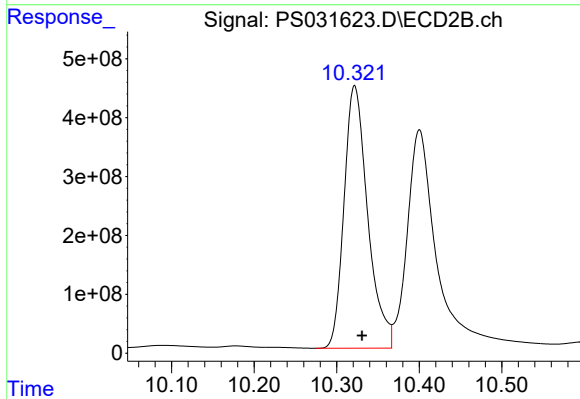
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.010 min
Response: 10284543643
Conc: 784.12 ng/ml



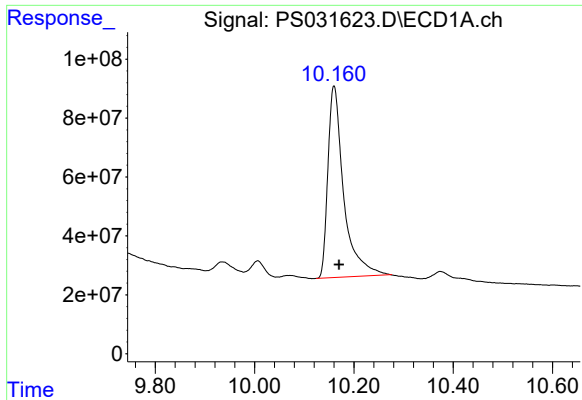
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: -0.012 min
Response: 12104481235
Conc: 826.18 ng/ml m



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 8893771622
Conc: 751.18 ng/ml



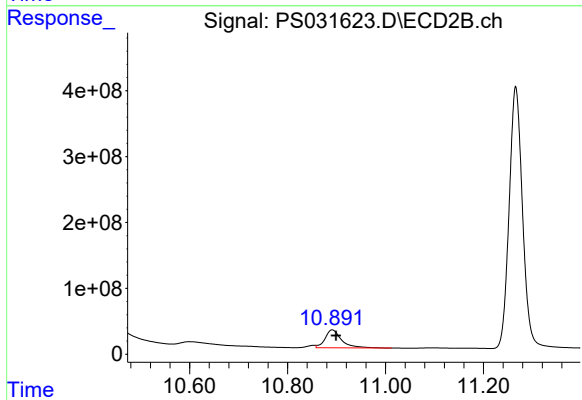
#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: -0.010 min
Response: 1435948821
Conc: 747.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

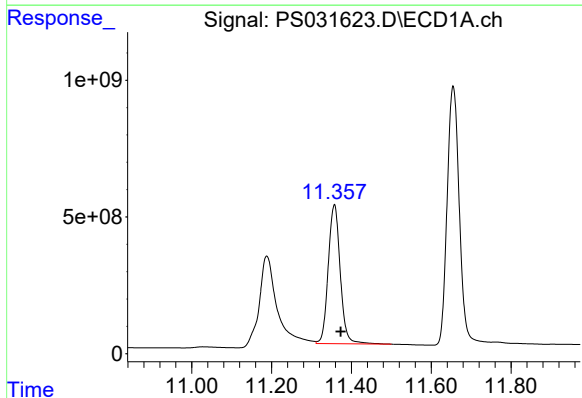
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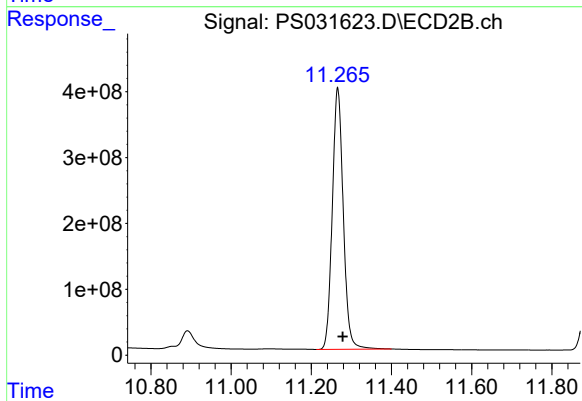
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: -0.009 min
Response: 627589534
Conc: 650.46 ng/ml m



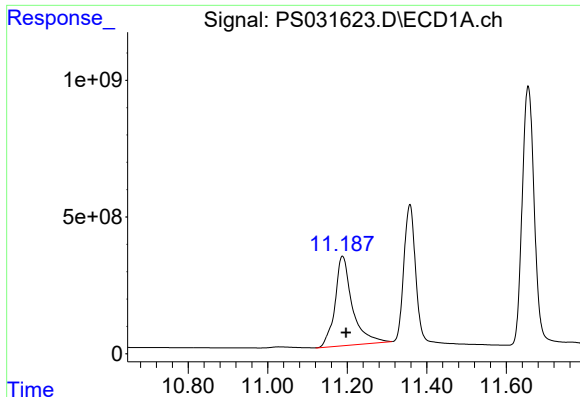
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: -0.016 min
Response: 10644439585
Conc: 839.57 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.013 min
Response: 7544948986
Conc: 797.82 ng/ml



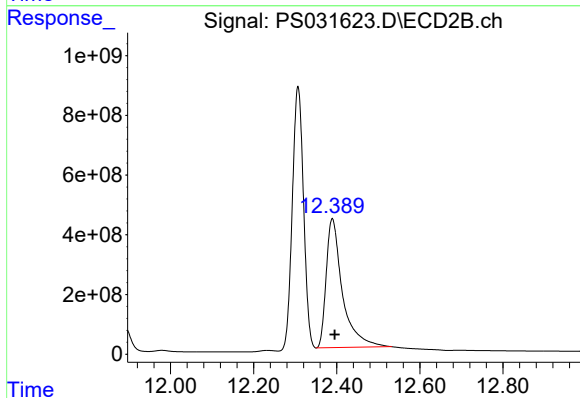
#15 Picloram

R.T.: 11.187 min
Delta R.T.: -0.010 min
Response: 9944838787
Conc: 761.81 ng/ml

Instrument :
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ClientSampleId :
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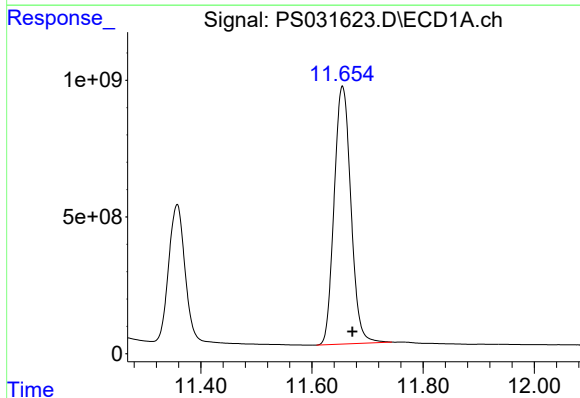
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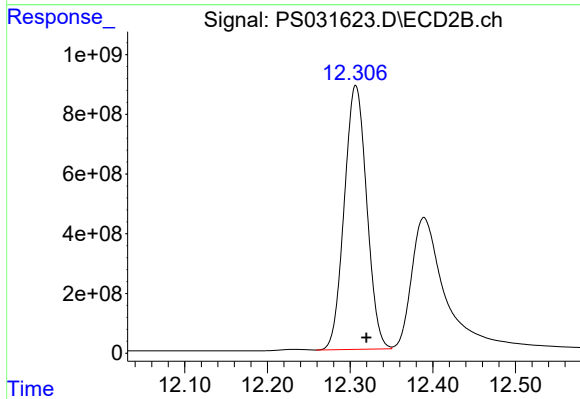
#15 Picloram

R.T.: 12.389 min
Delta R.T.: -0.006 min
Response: 11692638872
Conc: 667.02 ng/ml



#16 DCPA

R.T.: 11.654 min
Delta R.T.: -0.019 min
Response: 19723456179
Conc: 865.85 ng/ml m



#16 DCPA

R.T.: 12.306 min
Delta R.T.: -0.014 min
Response: 16656705702
Conc: 845.50 ng/ml m