

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092425\
 Data File : PS031824.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2025 11:05
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/25/2025
 Supervised By :mohammad ahmed 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:56:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.744	2836.4E6	674.1E6	787.541	741.701
Target Compounds							
1) T	Dalapon	2.672	2.692	3890.9E6	1895.7E6	673.087	672.785
2) T	3,5-DICHL...	6.452	6.696	3871.5E6	1073.1E6	725.906	703.699m
3) T	4-Nitroph...	7.097	7.297	892.9E6	788.6E6	809.329	624.509
5) T	DICAMBA	7.468	7.939	11626.0E6	4658.1E6	745.416	715.875
6) T	MCPD	7.646	8.036	680.3E6	145.0E6	76.105	76.962
7) T	MCPA	7.795	8.283	818.1E6	204.7E6	73.636	73.086
8) T	DICHLORPROP	8.176	8.658	2598.1E6	1053.1E6	729.440	723.765
9) T	2,4-D	8.412	9.001	2580.2E6	1142.9E6	753.209m	694.749
10) T	Pentachlo...	8.707	9.508	42192.2E6	29573.9E6	794.672	745.112
11) T	2,4,5-TP ...	9.284	9.893	15848.6E6	10799.9E6	755.644	717.395
12) T	2,4,5-T	9.581	10.322	14594.8E6	9529.9E6	797.609	708.177
13) T	2,4-DB	10.156	10.890	1704.8E6	674.2E6	730.818m	630.045m
14) T	DINOSEB	11.352	11.265	11750.0E6	7790.7E6	814.685	801.453
15) T	Picloram	11.184	12.386	14304.9E6	16976.3E6	794.226	716.806
16) T	DCPA	11.651	12.305	20703.1E6	17535.1E6	768.207	727.472

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

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Acq On : 24 Sep 2025 11:05
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

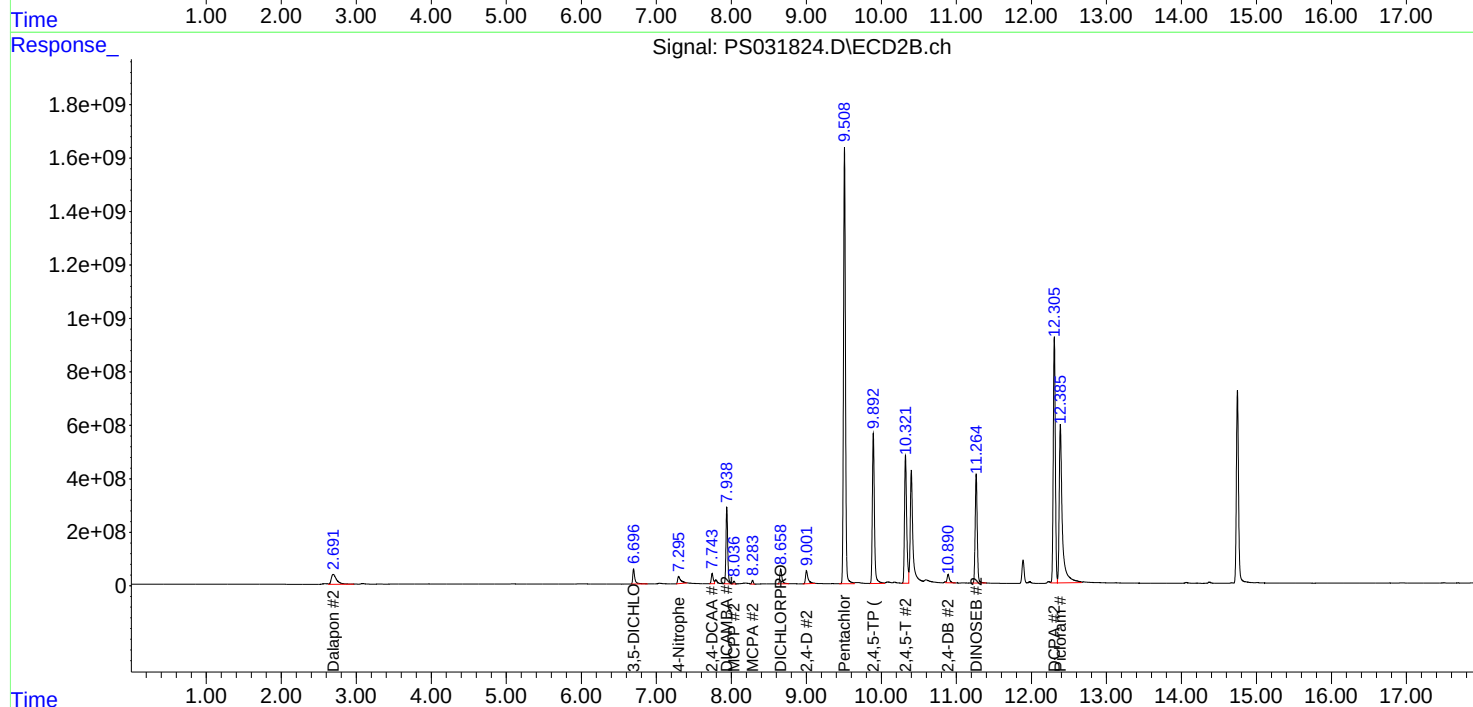
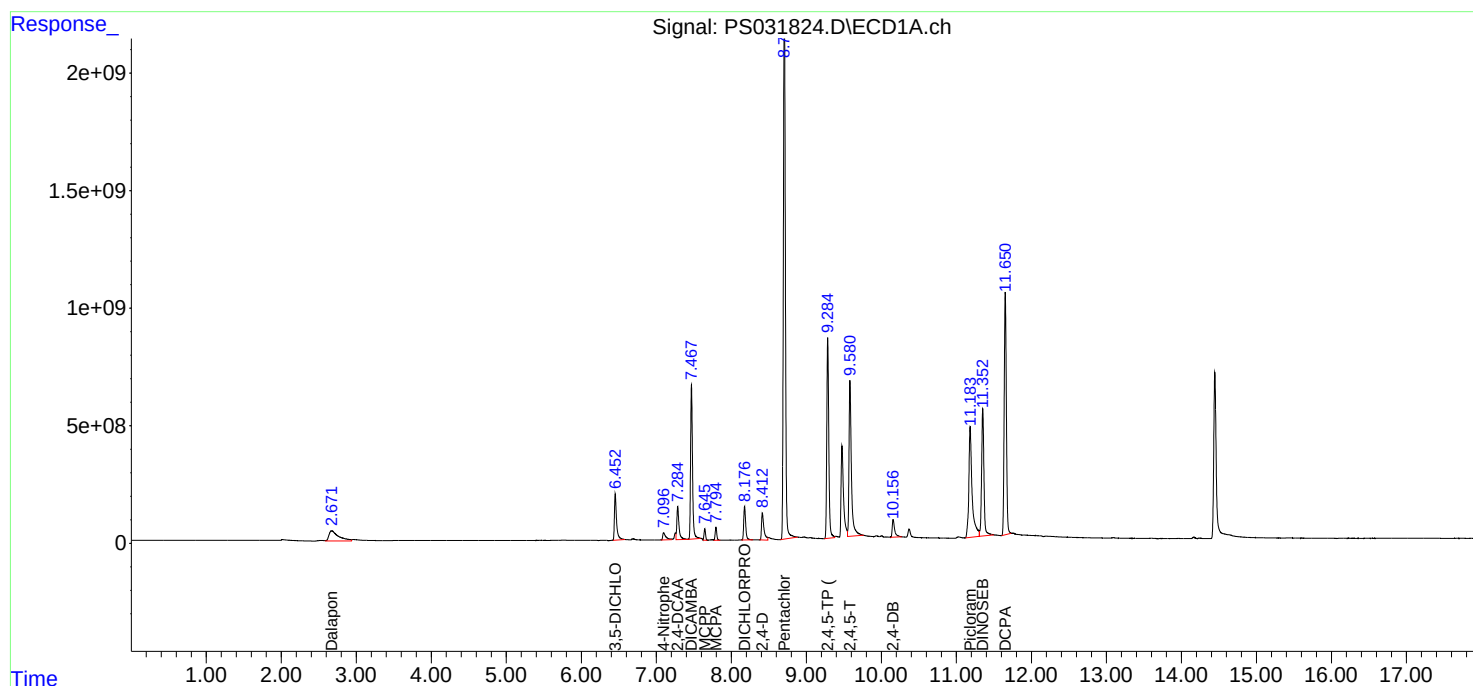
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

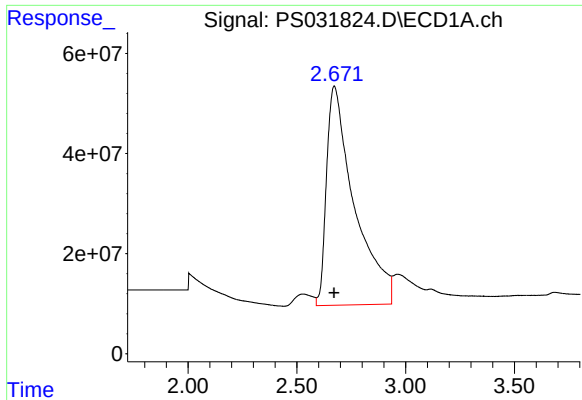
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.672 min
Delta R.T.: 0.000 min
Response: 3890944456
Conc: 673.09 ng/ml

Instrument :

ECD_S

ClientSampleId :

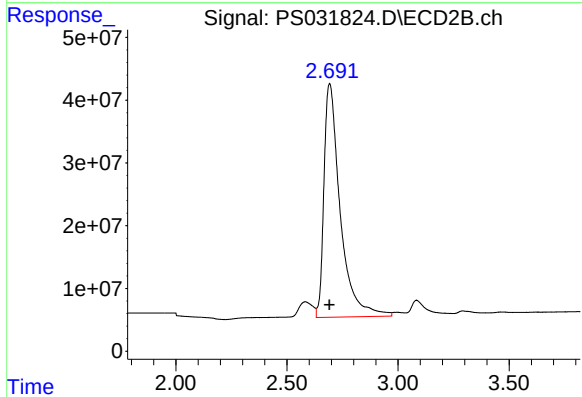
HSTDCCC750

Manual Integrations

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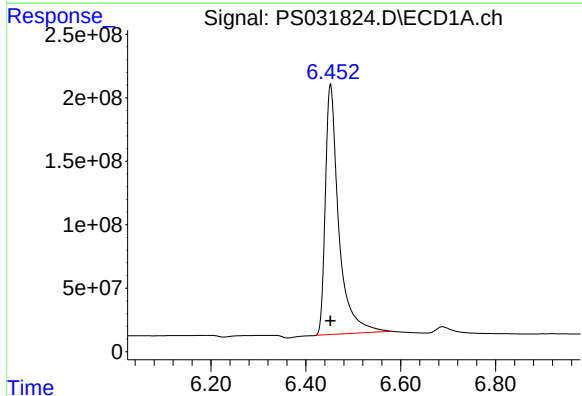
Reviewed By :Abdul Mirza 09/25/2025

Supervised By :mohammad ahmed 09/26/2025



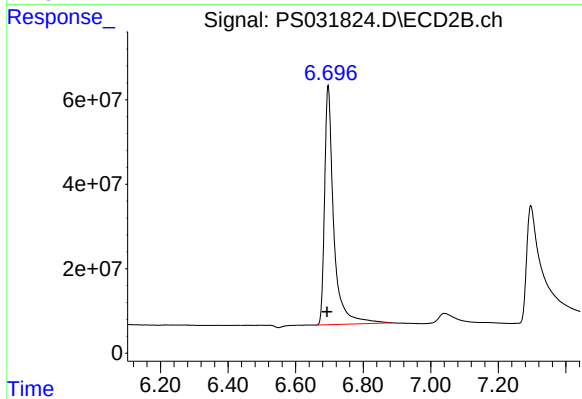
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1895657790
Conc: 672.79 ng/ml



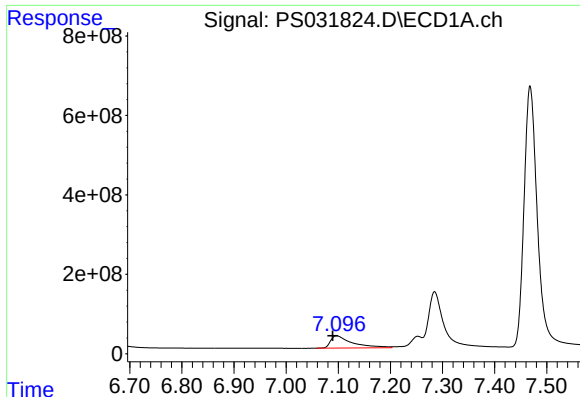
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 3871516518
Conc: 725.91 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1073117048
Conc: 703.70 ng/ml m



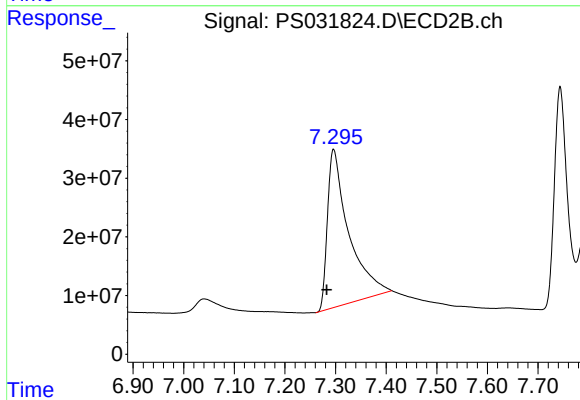
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: 0.007 min
Response: 892858635
Conc: 809.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

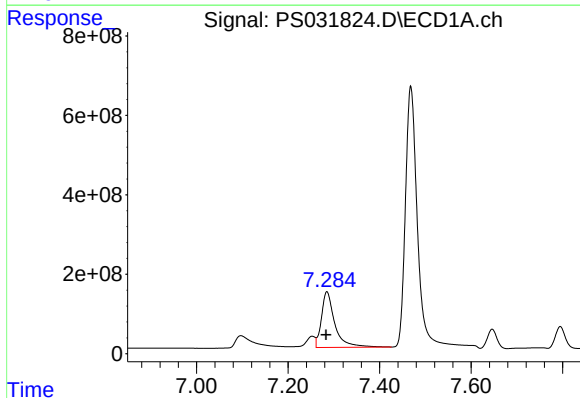
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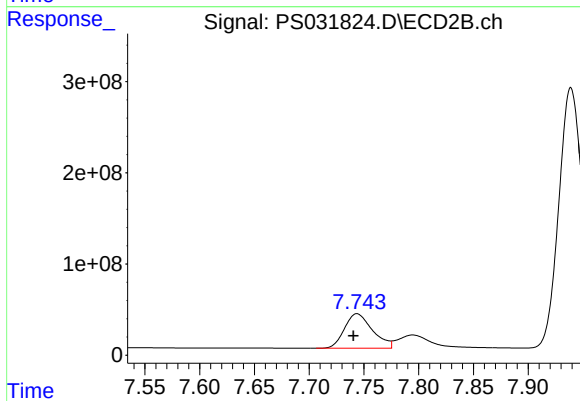
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: 0.014 min
Response: 788620854
Conc: 624.51 ng/ml



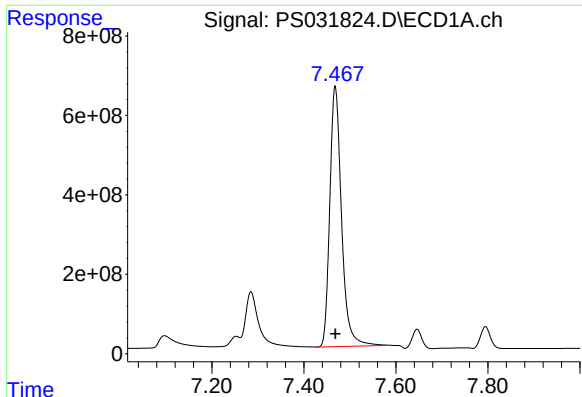
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2836351207
Conc: 787.54 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 674132027
Conc: 741.70 ng/ml



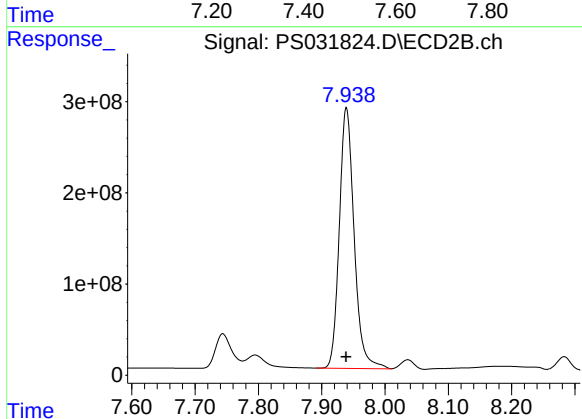
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 11626035739
Conc: 745.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

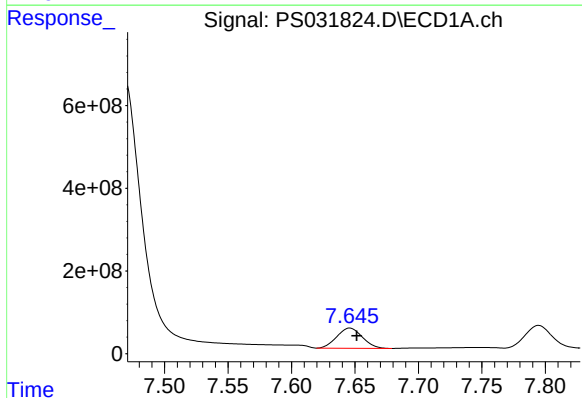
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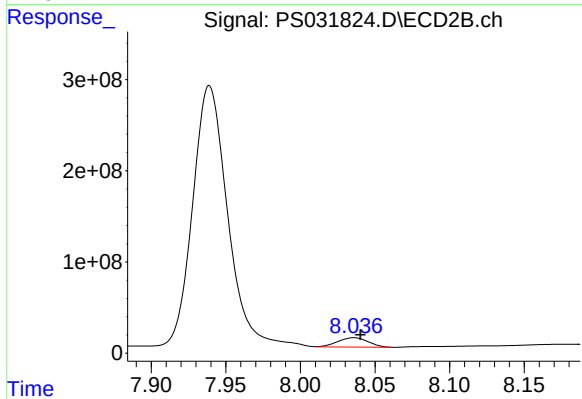
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4658092482
Conc: 715.88 ng/ml



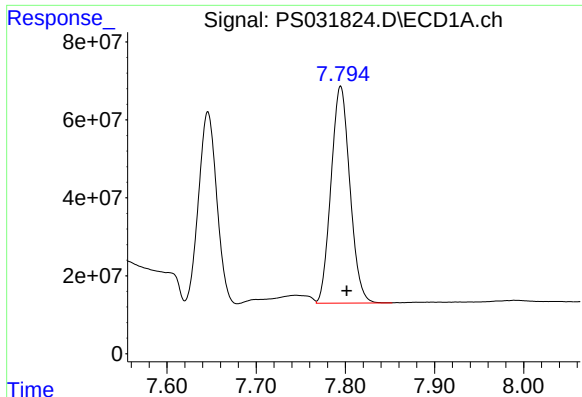
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.006 min
Response: 680321458
Conc: 76.11 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 144950561
Conc: 76.96 ug/ml



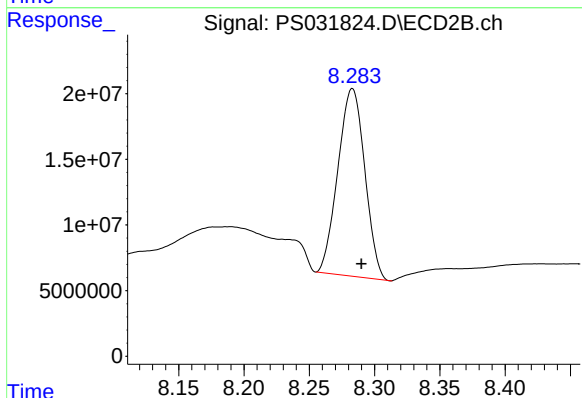
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 818133383
Conc: 73.64 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

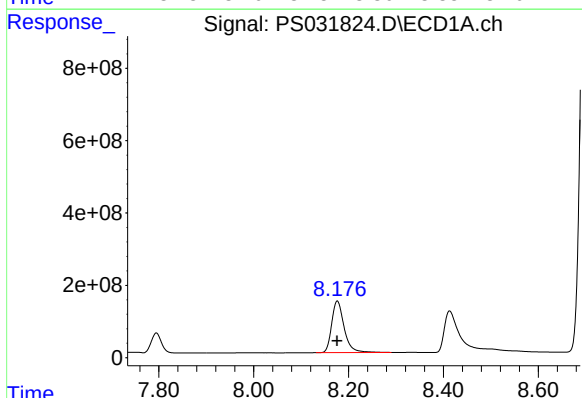
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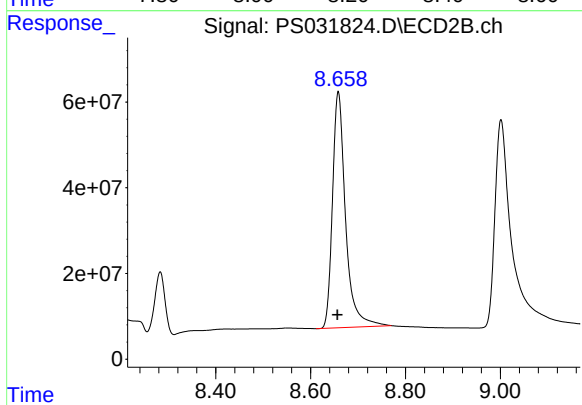
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 204729059
Conc: 73.09 ug/ml



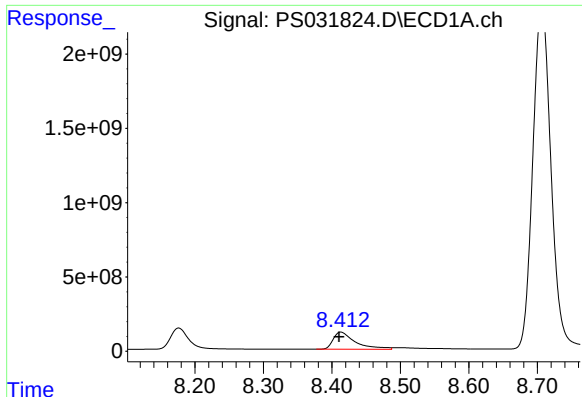
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2598091347
Conc: 729.44 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 1053121362
Conc: 723.76 ng/ml



#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 2580223597
Conc: 753.21 ng/ml

Instrument :

ECD_S

ClientSampleId :

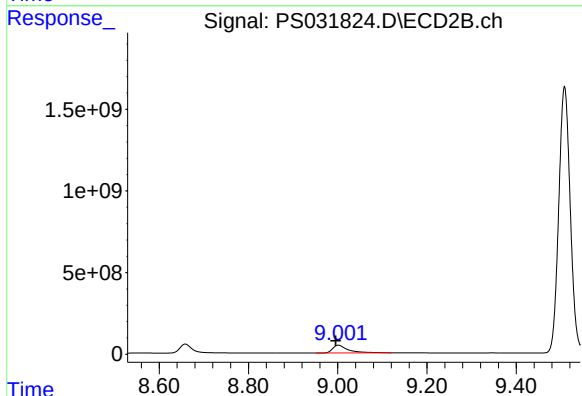
HSTDCCC750

Manual Integrations

APPROVED

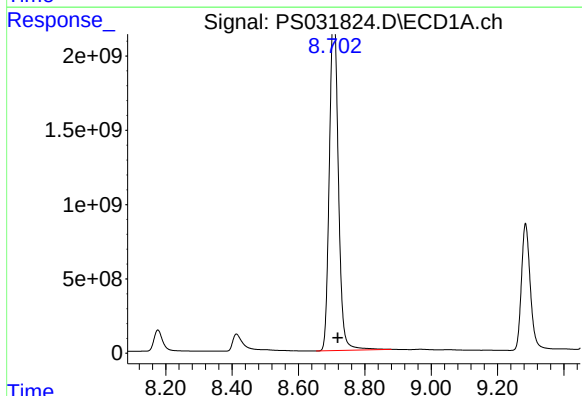
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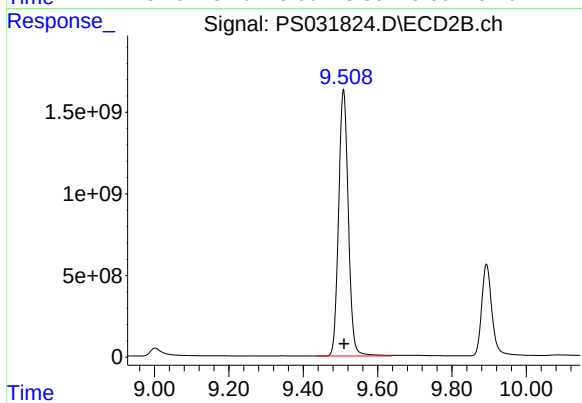
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.006 min
Response: 1142938808
Conc: 694.75 ng/ml



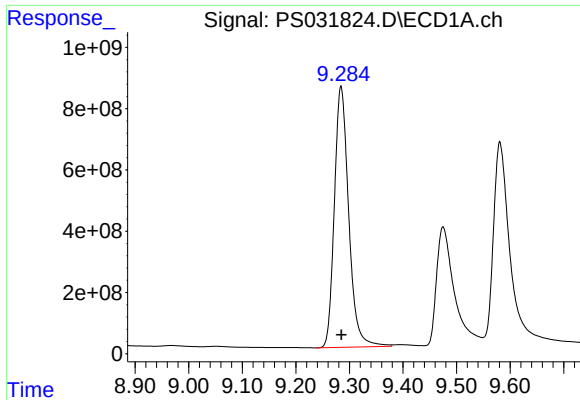
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 42192190594
Conc: 794.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.001 min
Response: 29573905707
Conc: 745.11 ng/ml



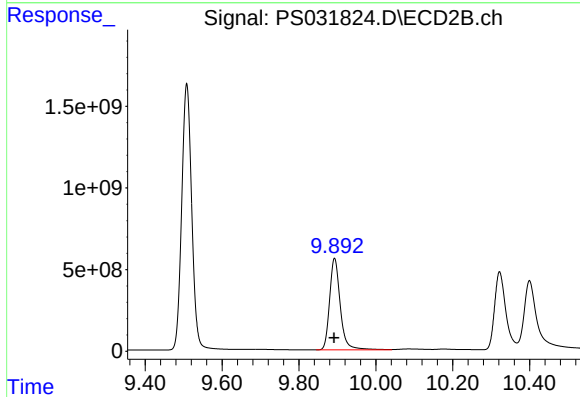
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: 0.000 min
Response: 15848642108
Conc: 755.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

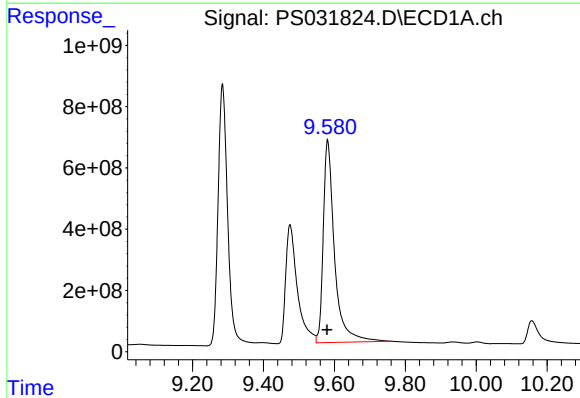
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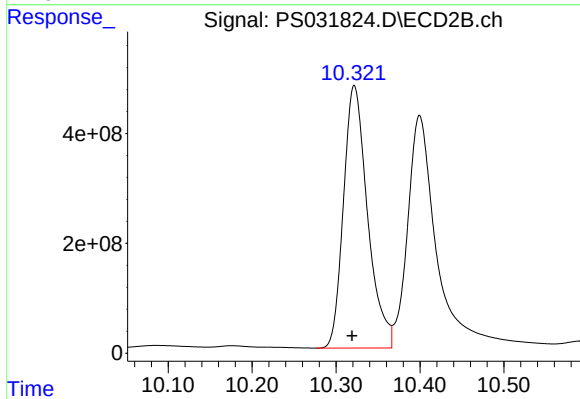
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 10799886100
Conc: 717.39 ng/ml



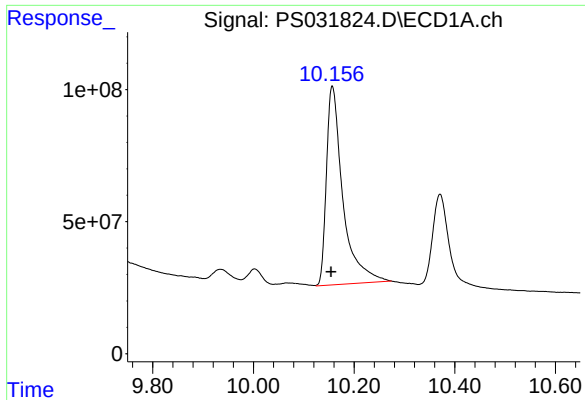
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.001 min
Response: 14594797164
Conc: 797.61 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 9529944629
Conc: 708.18 ng/ml



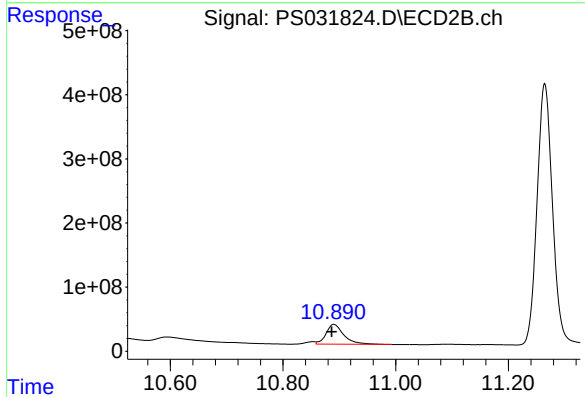
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.002 min
Response: 1704827886
Conc: 730.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

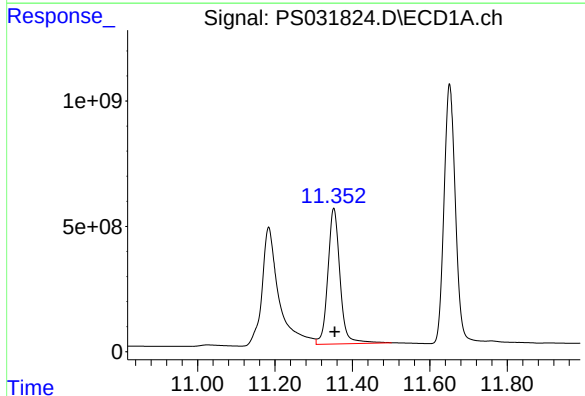
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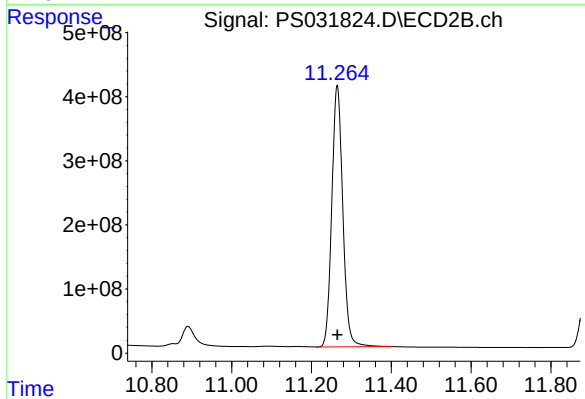
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: 0.003 min
Response: 674176278
Conc: 630.04 ng/ml m



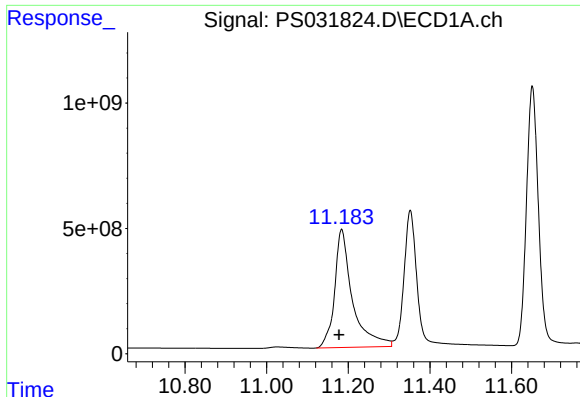
#14 DINOSEB

R.T.: 11.352 min
Delta R.T.: -0.002 min
Response: 11749952309
Conc: 814.69 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7790670867
Conc: 801.45 ng/ml



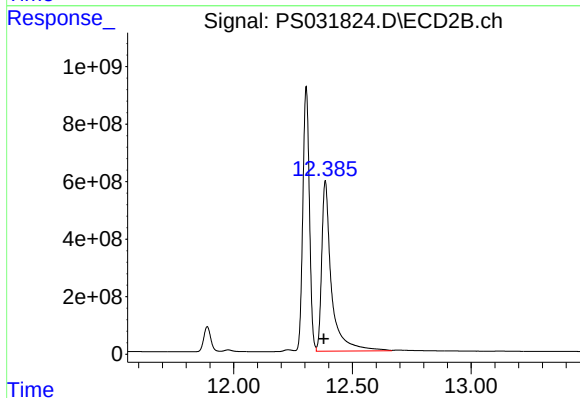
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.006 min
Response: 14304861751
Conc: 794.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

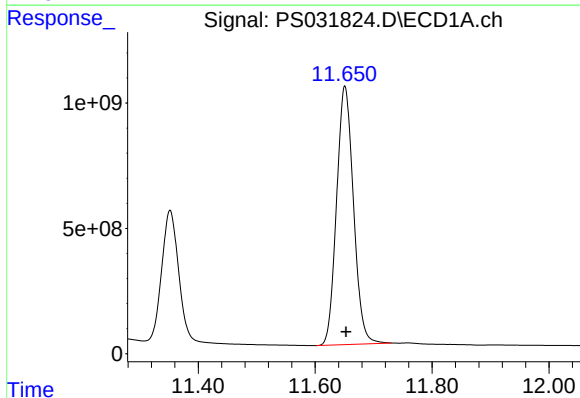
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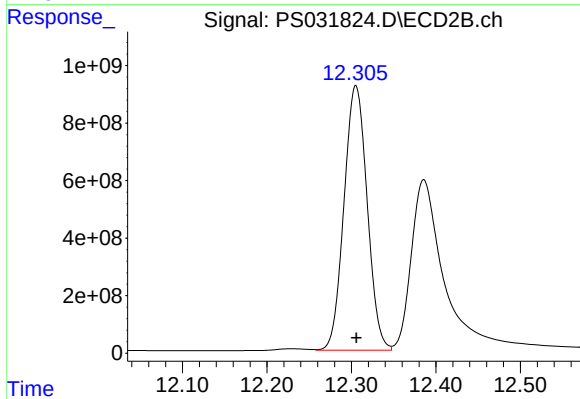
#15 Picloram

R.T.: 12.386 min
Delta R.T.: 0.006 min
Response: 16976302566
Conc: 716.81 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.002 min
Response: 20703084822
Conc: 768.21 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.000 min
Response: 17535052874
Conc: 727.47 ng/ml