

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120125\
 Data File : PS032560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 10:47
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 01:46:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Dec 02 01:46:51 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	7.271	7.609	3407.8E6	2786.5E6	751.895	763.157
Target Compounds							
1) T	Dalapon	2.651	2.602	4844.4E6	4588.7E6	678.244	665.714
2) T	3,5-DICHL...	6.438	6.577	4761.8E6	4086.9E6	730.598m	685.010
3) T	4-Nitroph...	7.083	7.168	972.2E6	1431.1E6	724.041	652.951
5) T	DICAMBA	7.454	7.802	13998.9E6	12154.6E6	736.540m	706.916
6) T	MCPD	7.634	7.902	862.6E6	945.8E6	78.429m	71.745
7) T	MCPA	7.783	8.146	989.5E6	1158.2E6	73.643	71.547m
8) T	DICHLORPROP	8.160	8.513	3181.0E6	3179.9E6	710.639	674.397
9) T	2,4-D	8.394	8.851	2843.5E6	3421.7E6	636.963m	665.136
10) T	Pentachlo...	8.681	9.351	47810.3E6	40747.5E6	759.643m	705.265
11) T	2,4,5-TP ...	9.265	9.736	19108.3E6	17677.1E6	732.175	670.779
12) T	2,4,5-T	9.560	10.162	15741.1E6	15942.7E6	674.380	685.047
13) T	2,4-DB	10.135	10.726	2022.0E6	2361.0E6	760.843	643.936
14) T	DINOSEB	11.330	11.099	13879.4E6	11273.4E6	674.682	651.261
15) T	Picloram	11.157	12.209	16553.7E6	18919.6E6	781.737	543.056 #
16) T	DCPA	11.630	12.132	23419.9E6	20544.3E6	701.826	660.321m

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

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Acq On : 01 Dec 2025 10:47
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

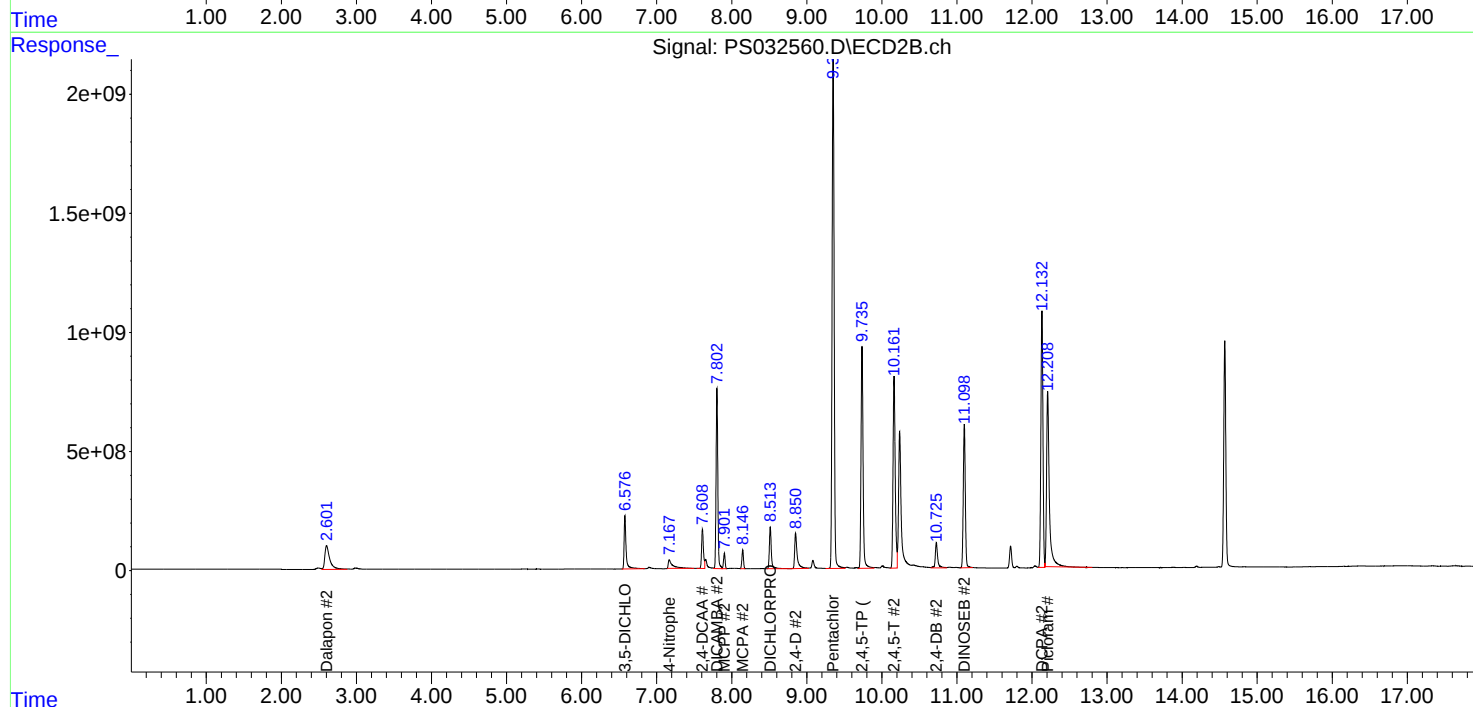
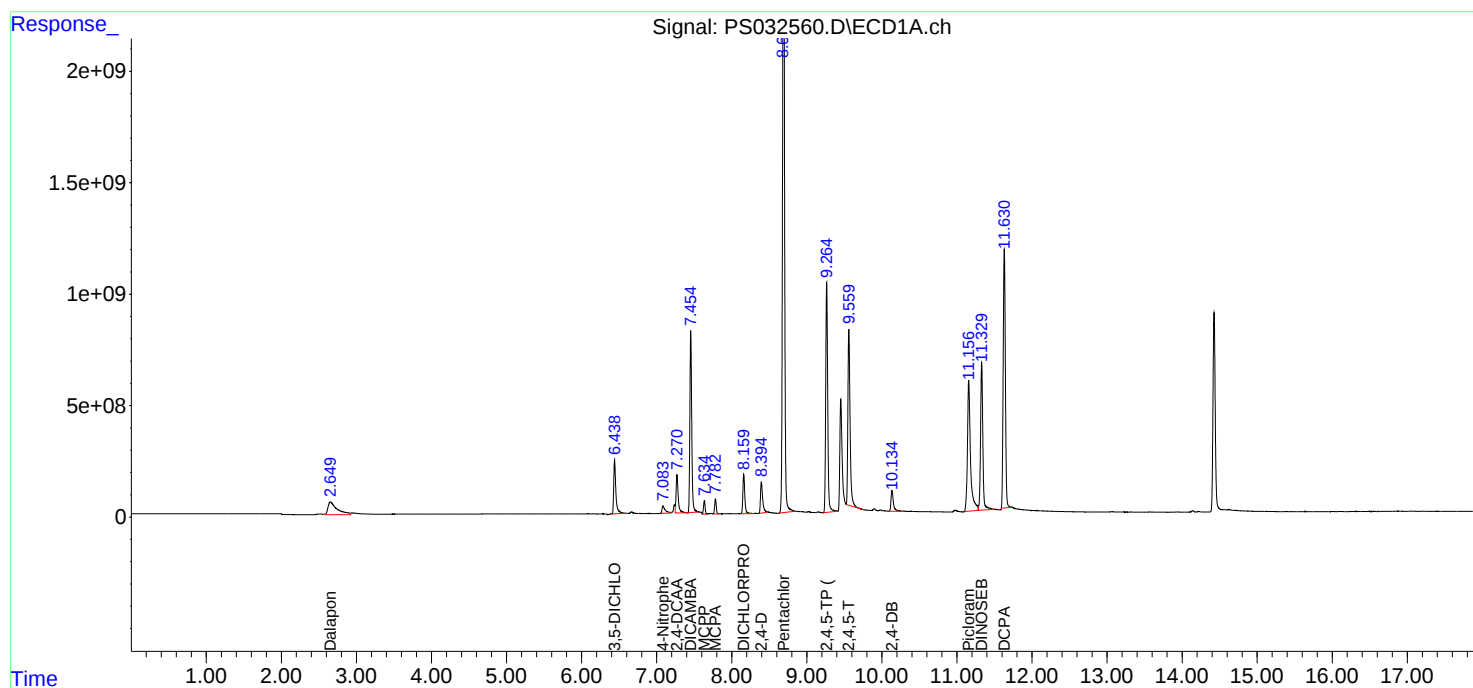
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ClientSampleId :
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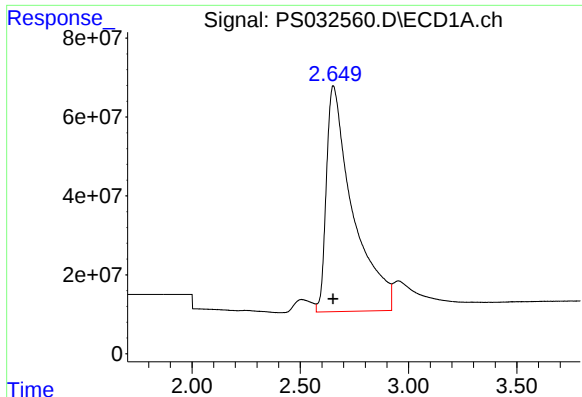
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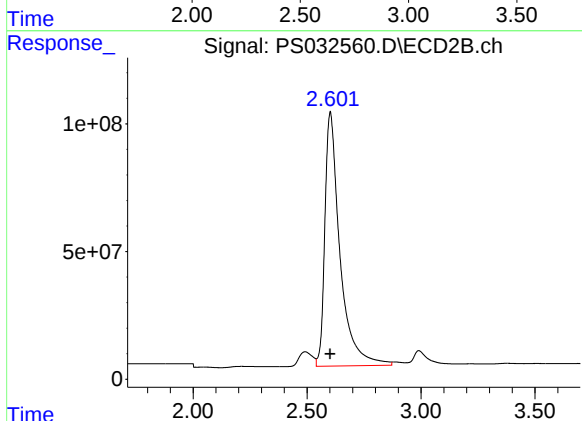
#1 Dalapon

R.T.: 2.651 min
Delta R.T.: 0.000 min
Response: 4844400319
Conc: 678.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

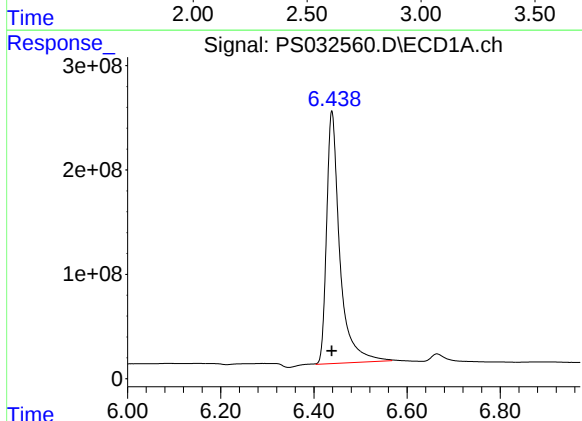
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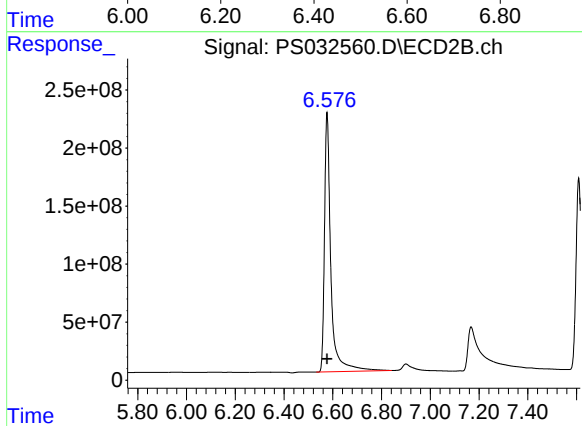
#1 Dalapon

R.T.: 2.602 min
Delta R.T.: 0.000 min
Response: 4588672375
Conc: 665.71 ng/ml



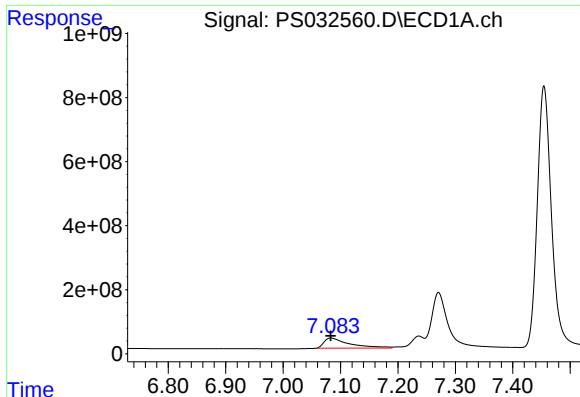
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 4761777608
Conc: 730.60 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 4086883485
Conc: 685.01 ng/ml



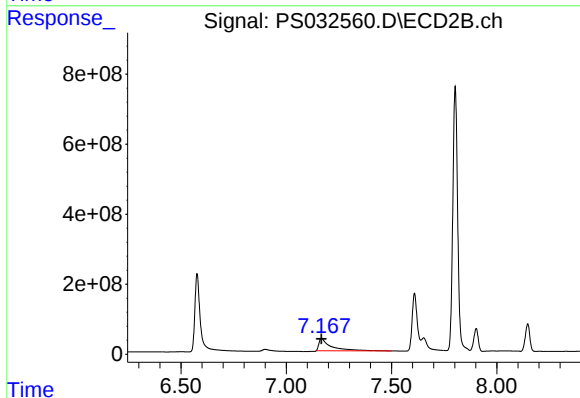
#3 4-Nitrophenol

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 972206014
Conc: 724.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

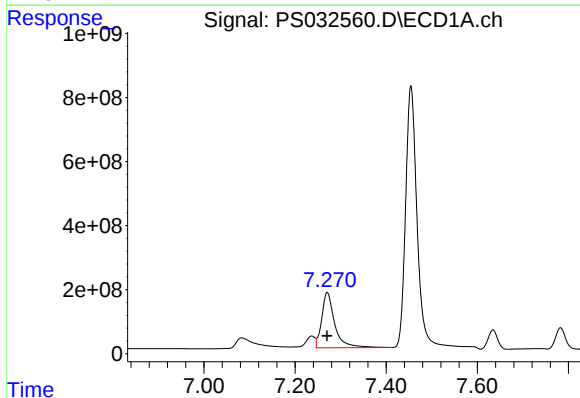
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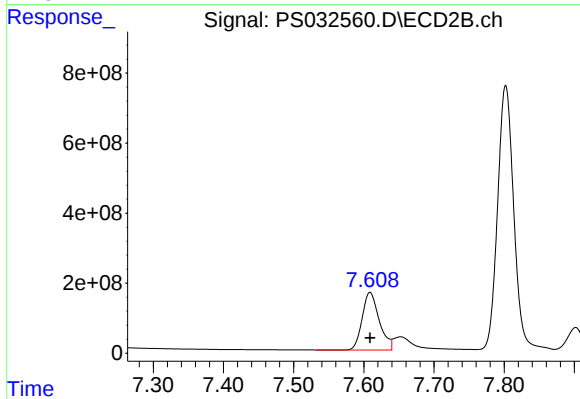
#3 4-Nitrophenol

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 1431117881
Conc: 652.95 ng/ml



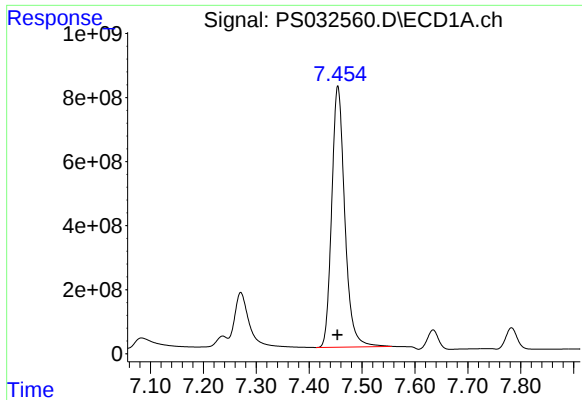
#4 2,4-DCAA

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 3407846225
Conc: 751.89 ng/ml



#4 2,4-DCAA

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 2786537029
Conc: 763.16 ng/ml



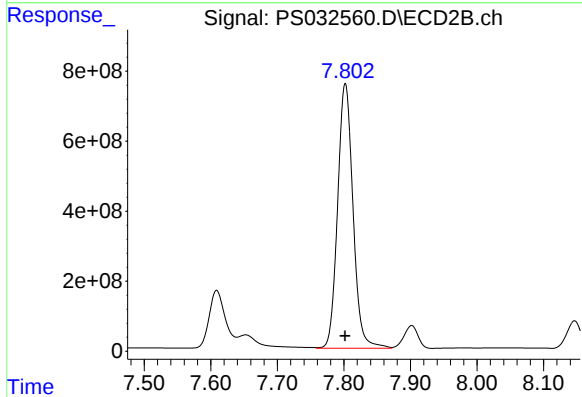
#5 DICAMBA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 13998872368
Conc: 736.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

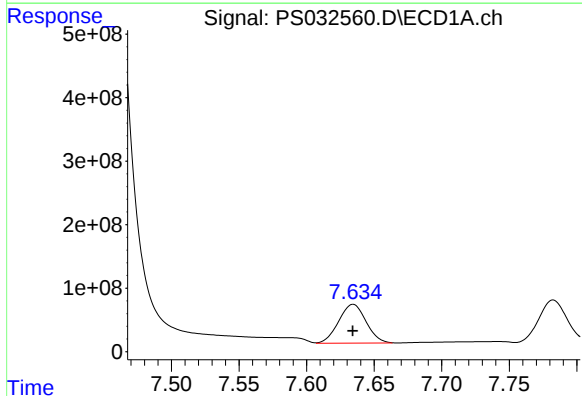
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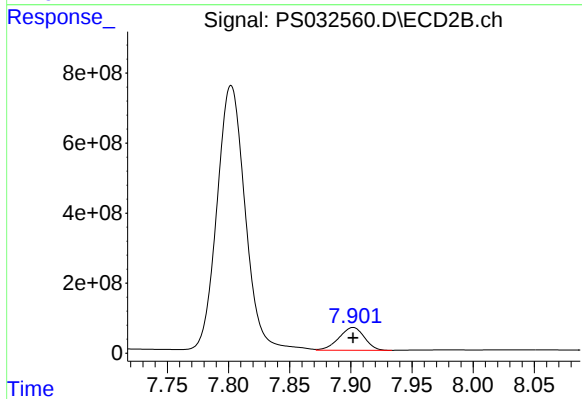
#5 DICAMBA

R.T.: 7.802 min
Delta R.T.: 0.000 min
Response: 12154592193
Conc: 706.92 ng/ml



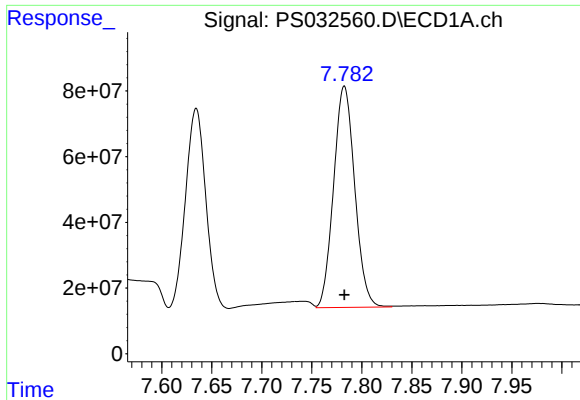
#6 MCPP

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 862624090
Conc: 78.43 ug/ml m



#6 MCPP

R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 945841689
Conc: 71.74 ug/ml



#7 MCPA

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 989528502
Conc: 73.64 ug/ml

Instrument :

ECD_S

ClientSampleId :

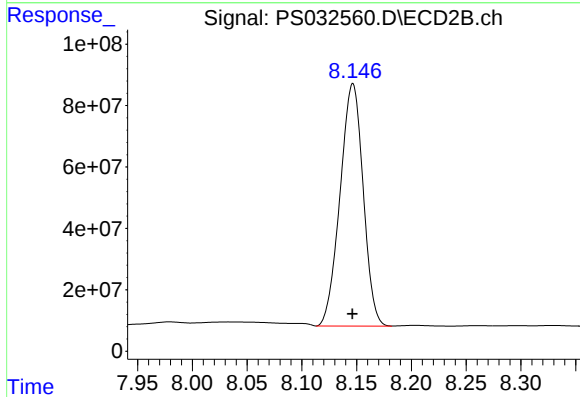
HSTDCCC750

Manual Integrations

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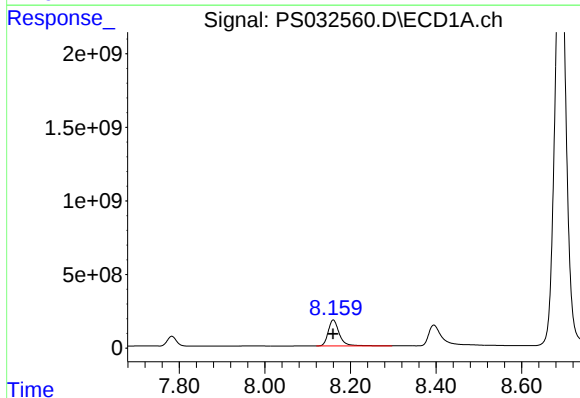
Reviewed By :Abdul Mirza 12/02/2025

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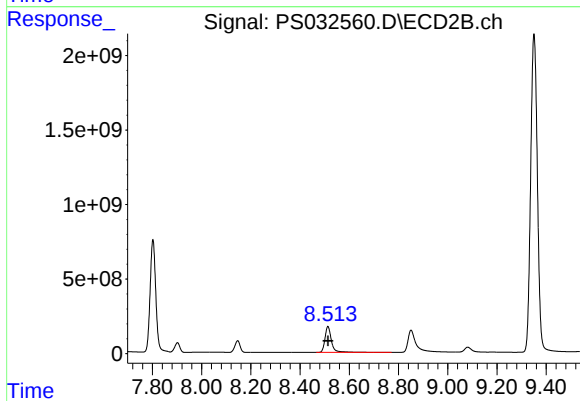
#7 MCPA

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 1158208290
Conc: 71.55 ug/ml m



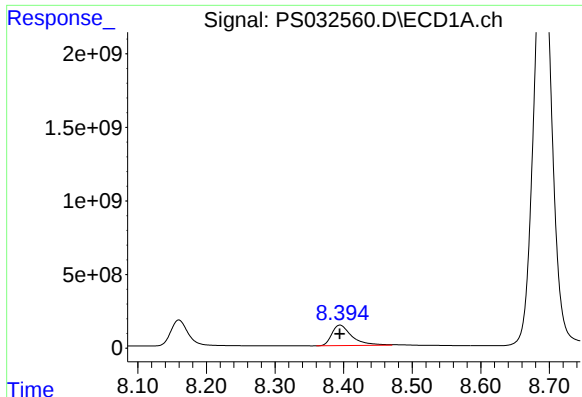
#8 DICHLORPROP

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 3181036099
Conc: 710.64 ng/ml



#8 DICHLORPROP

R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 3179922973
Conc: 674.40 ng/ml



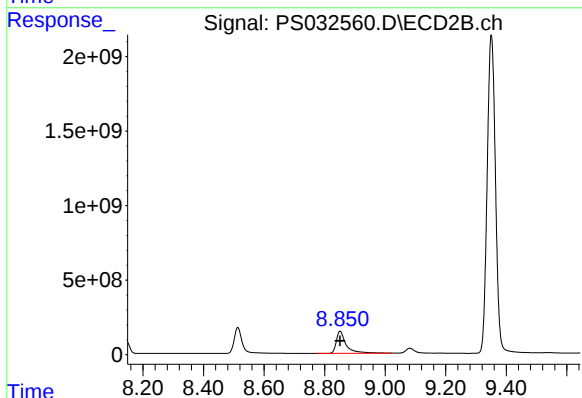
#9 2,4-D

R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 2843533396
Conc: 636.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

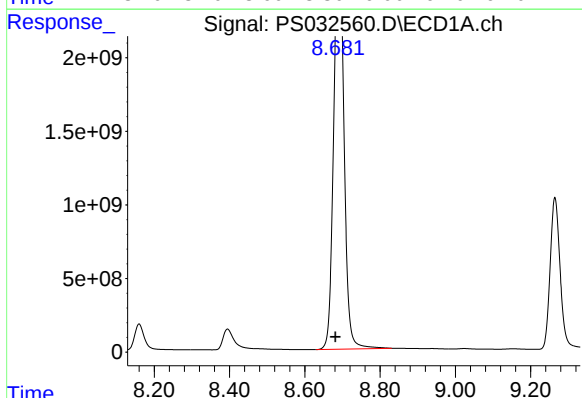
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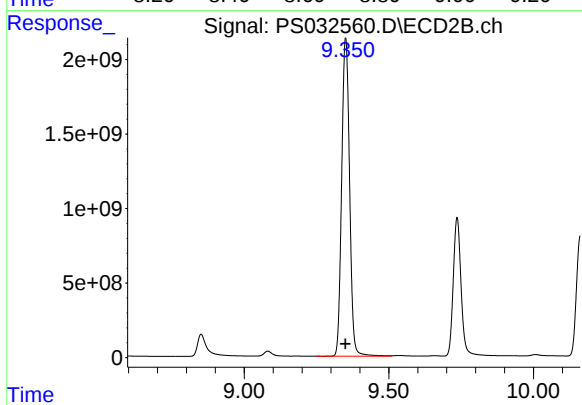
#9 2,4-D

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 3421657581
Conc: 665.14 ng/ml



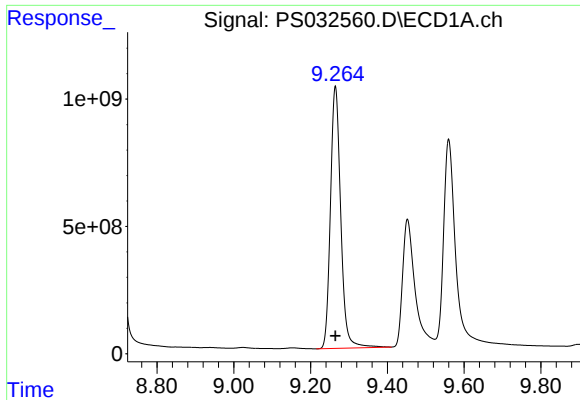
#10 Pentachlorophenol

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 47810319291
Conc: 759.64 ng/ml m



#10 Pentachlorophenol

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 40747459771
Conc: 705.26 ng/ml



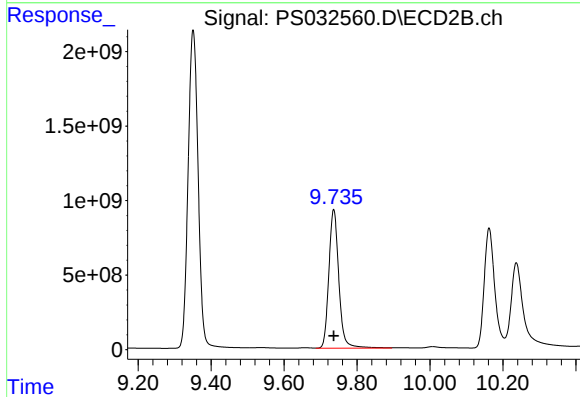
#11 2,4,5-TP (SILVEX)

R.T.: 9.265 min
Delta R.T.: 0.000 min
Response: 19108303686
Conc: 732.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

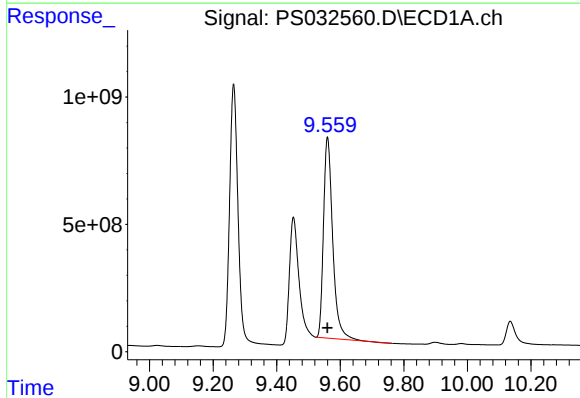
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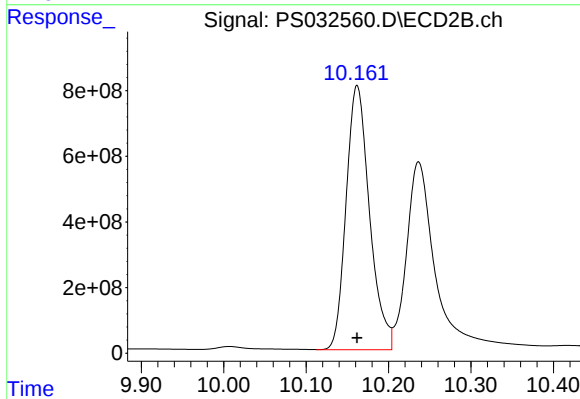
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 17677092793
Conc: 670.78 ng/ml



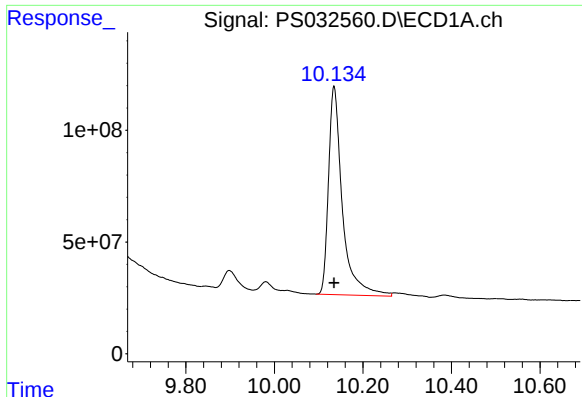
#12 2,4,5-T

R.T.: 9.560 min
Delta R.T.: 0.000 min
Response: 15741051069
Conc: 674.38 ng/ml



#12 2,4,5-T

R.T.: 10.162 min
Delta R.T.: 0.000 min
Response: 15942675501
Conc: 685.05 ng/ml



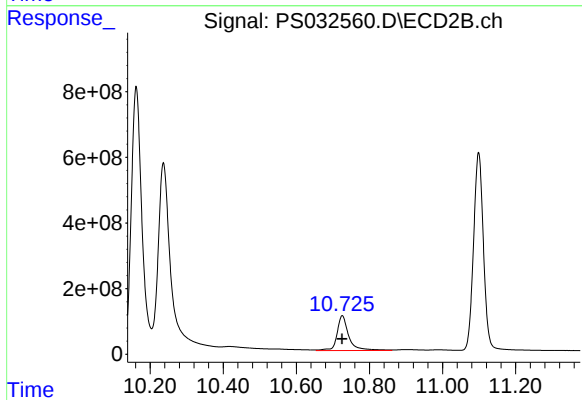
#13 2,4-DB

R.T.: 10.135 min
Delta R.T.: 0.000 min
Response: 2021981124
Conc: 760.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

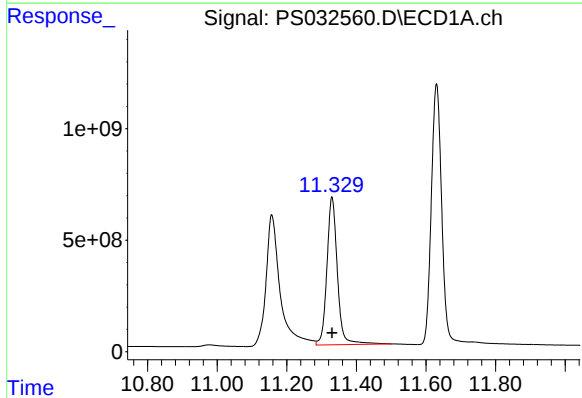
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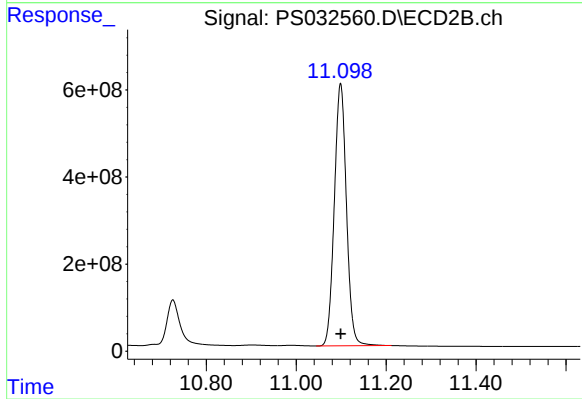
#13 2,4-DB

R.T.: 10.726 min
Delta R.T.: 0.000 min
Response: 2361018360
Conc: 643.94 ng/ml



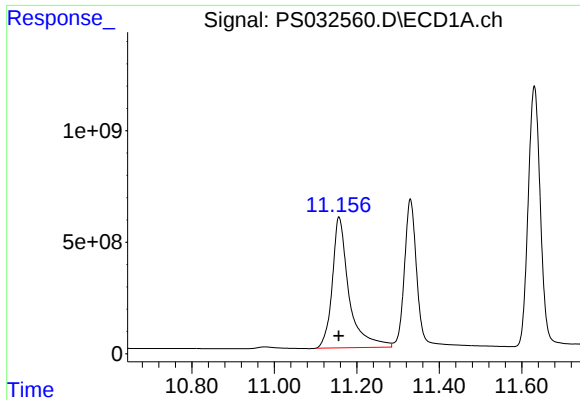
#14 DINOSEB

R.T.: 11.330 min
Delta R.T.: 0.000 min
Response: 13879445472
Conc: 674.68 ng/ml



#14 DINOSEB

R.T.: 11.099 min
Delta R.T.: 0.000 min
Response: 11273418762
Conc: 651.26 ng/ml



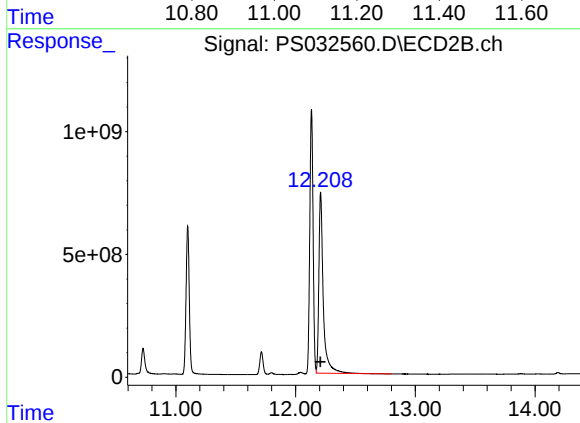
#15 Picloram

R.T.: 11.157 min
Delta R.T.: 0.000 min
Response: 16553704584
Conc: 781.74 ng/ml

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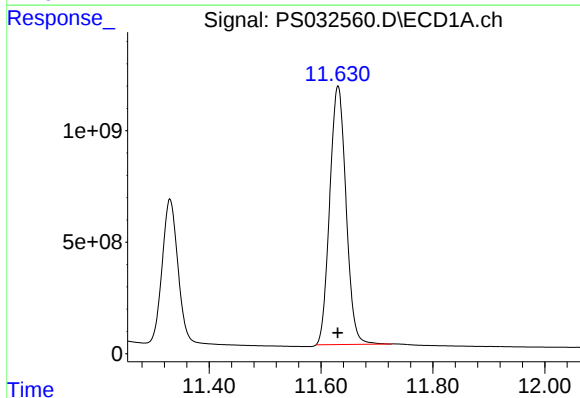
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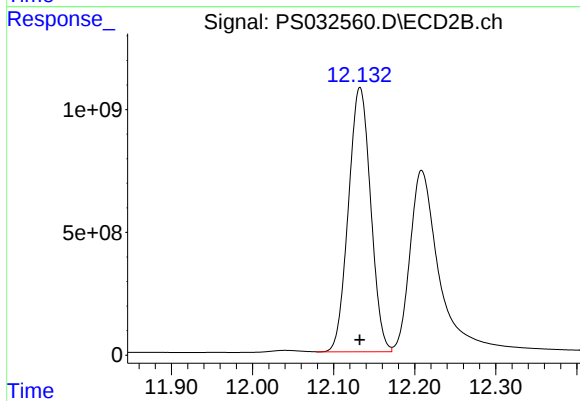
#15 Picloram

R.T.: 12.209 min
Delta R.T.: 0.000 min
Response: 18919644610
Conc: 543.06 ng/ml



#16 DCPA

R.T.: 11.630 min
Delta R.T.: 0.000 min
Response: 23419896225
Conc: 701.83 ng/ml



#16 DCPA

R.T.: 12.132 min
Delta R.T.: 0.000 min
Response: 20544324350
Conc: 660.32 ng/ml m