

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092225\
 Data File : PS031786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 18:16
 Operator : AR\AJ
 Sample : PB169784BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169784BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/23/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:48:39 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	7.287	7.746	2208.6E6	495.5E6	613.234	545.176
Target Compounds							
1) T	Dalapon	2.673	2.692	3027.2E6	1437.9E6	523.662	510.328
2) T	3,5-DICHL...	6.453	6.698	3006.0E6	826.1E6	563.627	541.748
3) T	4-Nitroph...	7.099	7.304	701.9E6	535.3E6	636.247	423.878 #
5) T	DICAMBA	7.469	7.940	8916.3E6	3436.1E6	571.677	528.077
6) T	MCPD	7.646	8.036	483.6E6	103.9E6	54.094	55.148
7) T	MCPA	7.795	8.282	590.7E6	148.3E6	53.166	52.945
8) T	DICHLORPROP	8.178	8.660	2011.5E6	793.4E6	564.762	545.280
9) T	2,4-D	8.416	9.005	1715.0E6	846.7E6	500.634m	514.659
10) T	Pentachlo...	8.708	9.509	33399.4E6	22228.4E6	629.064	560.043
11) T	2,4,5-TP ...	9.286	9.894	12329.8E6	8126.0E6	587.871	539.777
12) T	2,4,5-T	9.584	10.325	10954.8E6	7005.7E6	598.684	520.597
13) T	2,4-DB	10.160	10.894	1371.7E6	489.8E6	587.997	457.717
14) T	DINOSEB	11.354	11.267	9194.4E6	5877.2E6	637.494	604.610
15) T	Picloram	11.187	12.392	9980.9E6	11572.9E6	554.154	488.653
16) T	DCPA	11.652	12.307	16252.0E6	13632.1E6	603.046	565.549

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

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Acq On : 22 Sep 2025 18:16
Operator : AR\AJ
Sample : PB169784BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

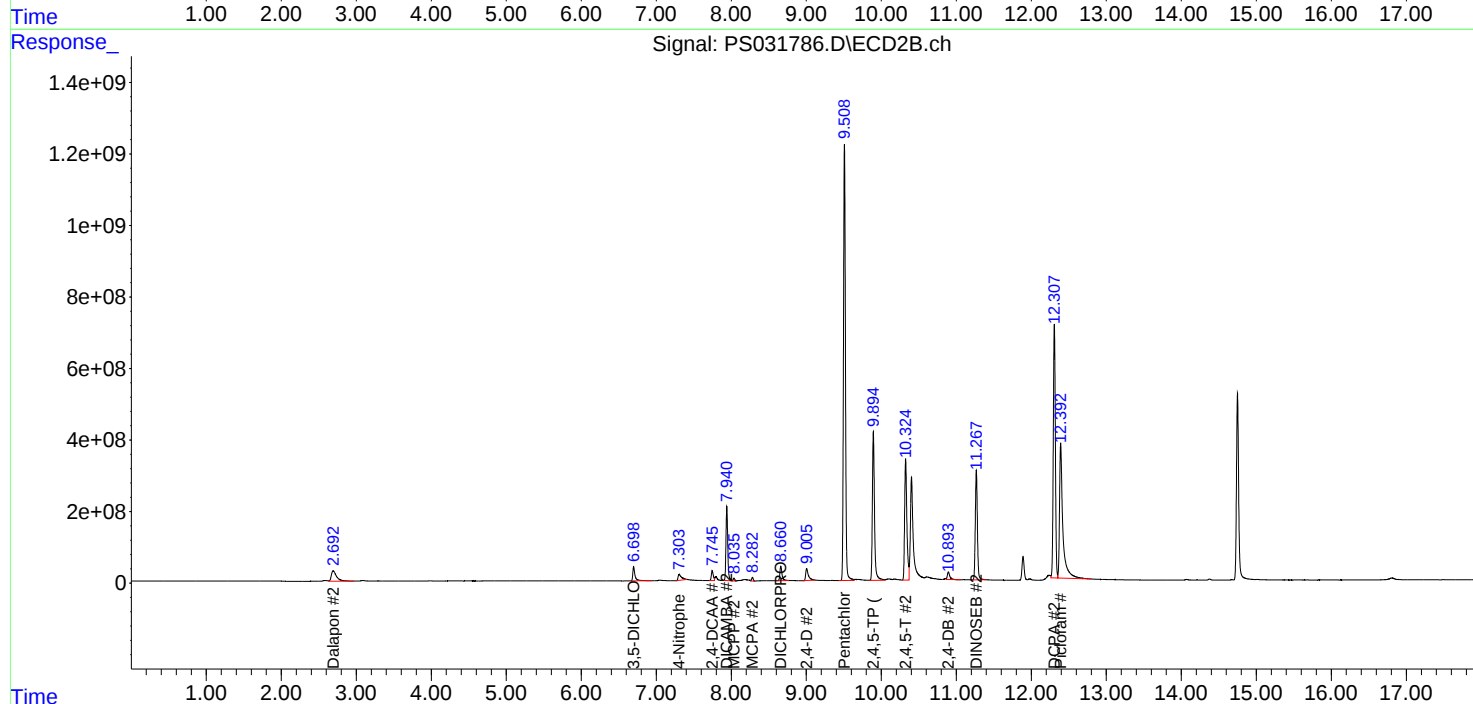
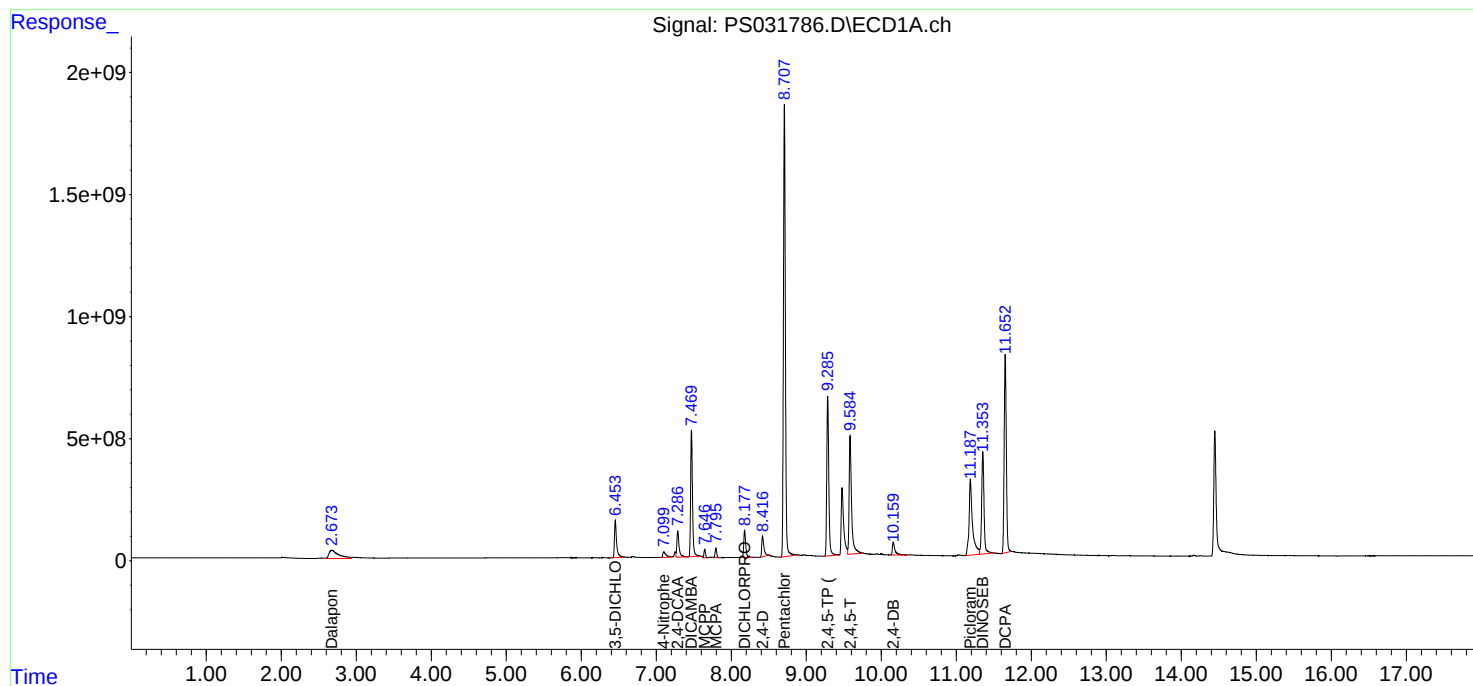
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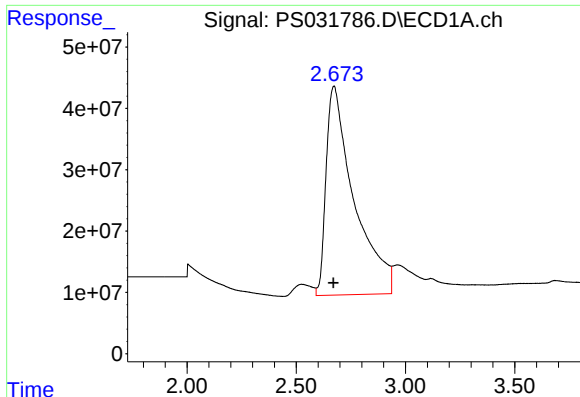
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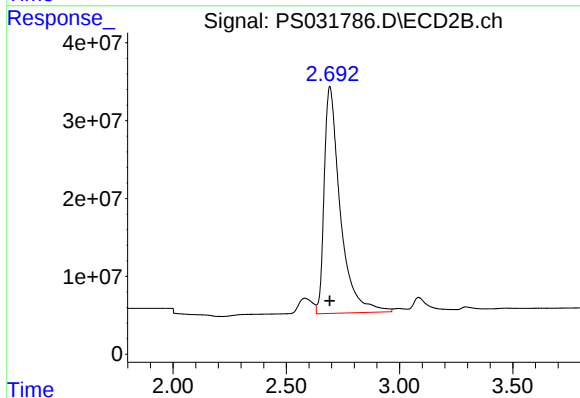
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 3027155911
Conc: 523.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169784BS

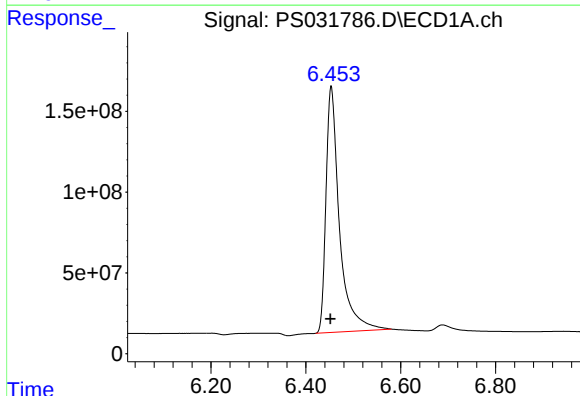
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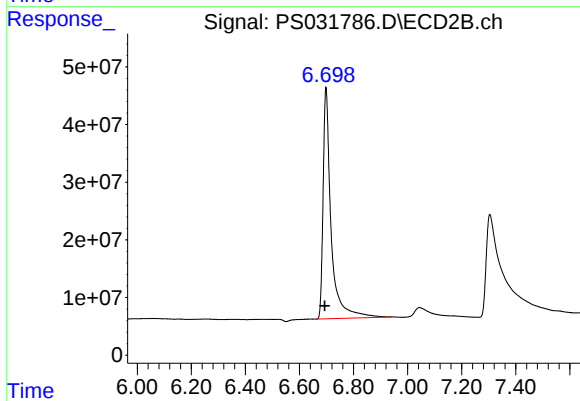
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1437912779
Conc: 510.33 ng/ml



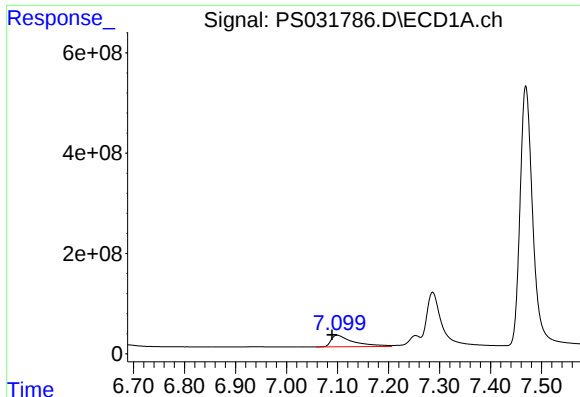
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.002 min
Response: 3006025084
Conc: 563.63 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 826146416
Conc: 541.75 ng/ml



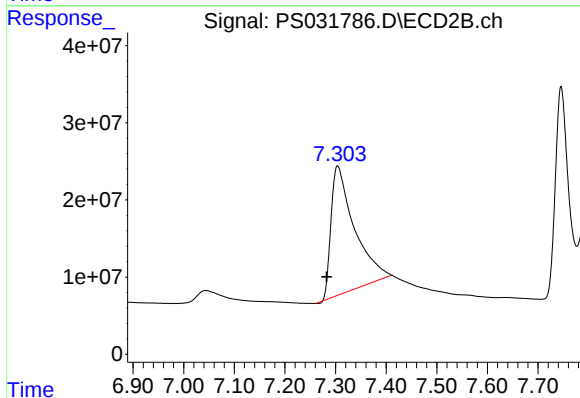
#3 4-Nitrophenol

R.T.: 7.099 min
Delta R.T.: 0.010 min
Response: 701913785
Conc: 636.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169784BS

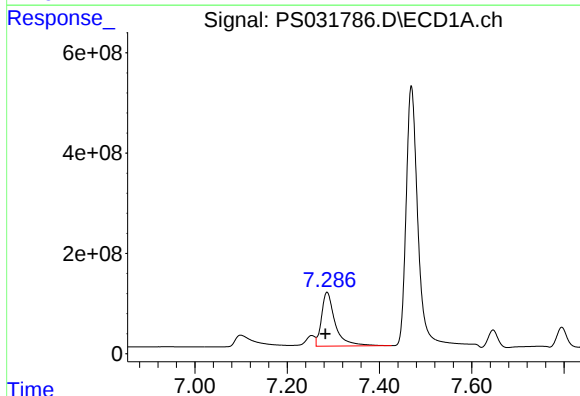
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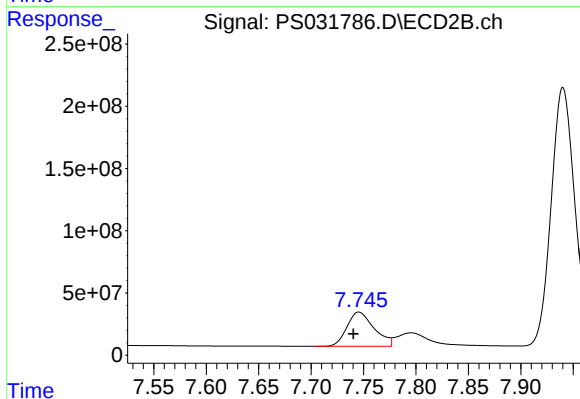
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.021 min
Response: 535267374
Conc: 423.88 ng/ml



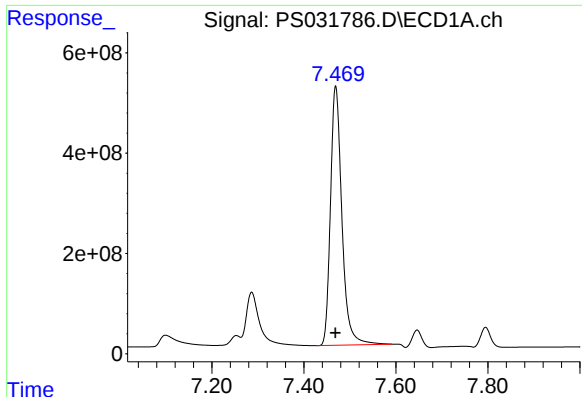
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: 0.003 min
Response: 2208577904
Conc: 613.23 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 495509871
Conc: 545.18 ng/ml



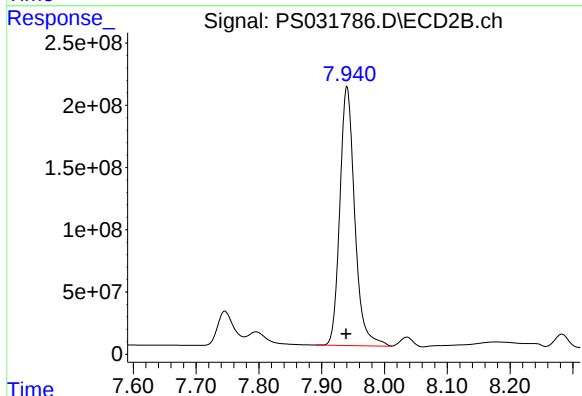
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 8916276566
Conc: 571.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169784BS

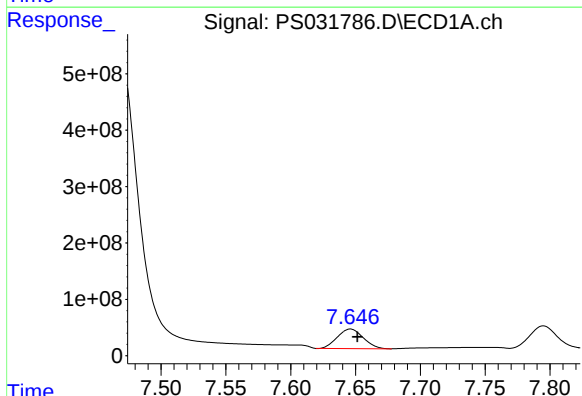
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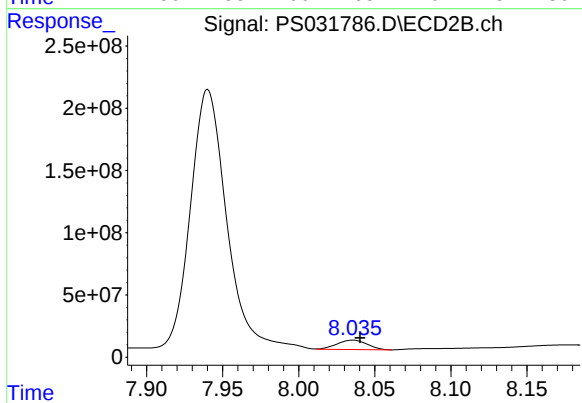
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 3436119228
Conc: 528.08 ng/ml



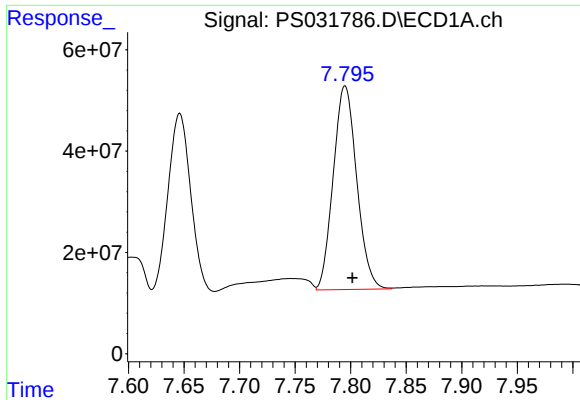
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 483558773
Conc: 54.09 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.005 min
Response: 103865321
Conc: 55.15 ug/ml



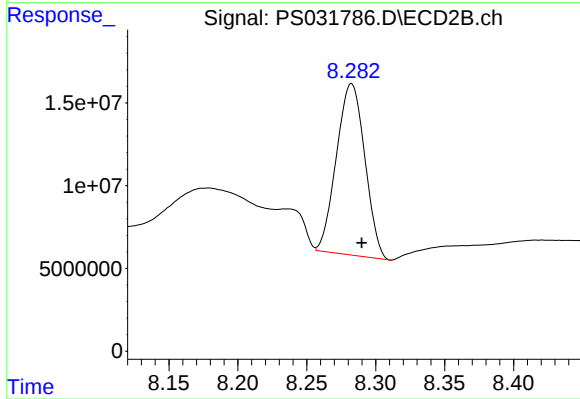
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 590701075
Conc: 53.17 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169784BS

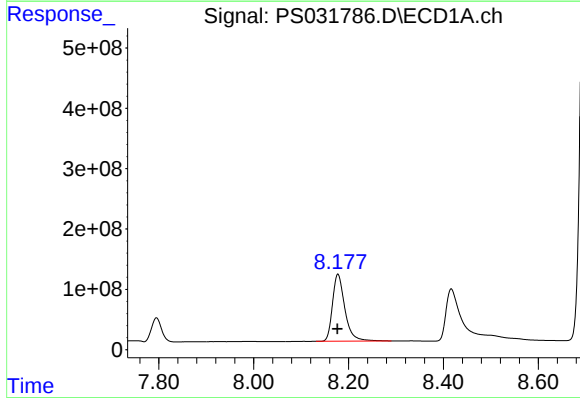
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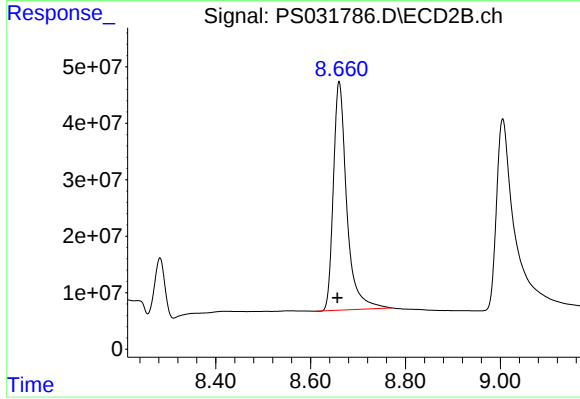
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.007 min
Response: 148310240
Conc: 52.94 ug/ml



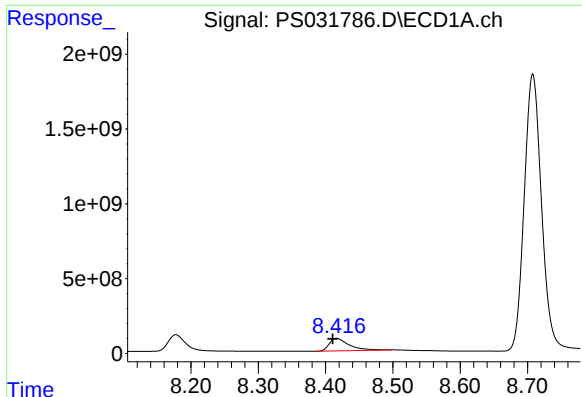
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.001 min
Response: 2011548719
Conc: 564.76 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.004 min
Response: 793415398
Conc: 545.28 ng/ml



#9 2,4-D

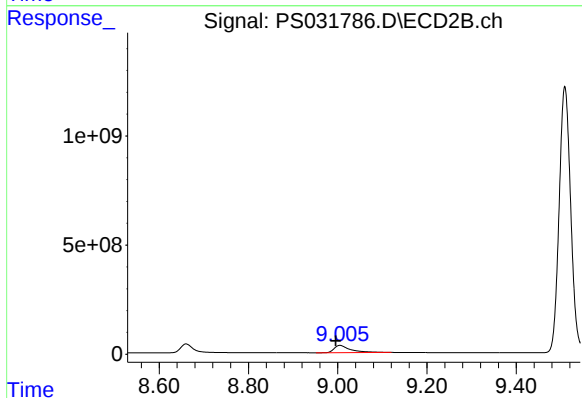
R.T.: 8.416 min
Delta R.T.: 0.005 min
Response: 1714992684
Conc: 500.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169784BS

Manual Integrations
APPROVED

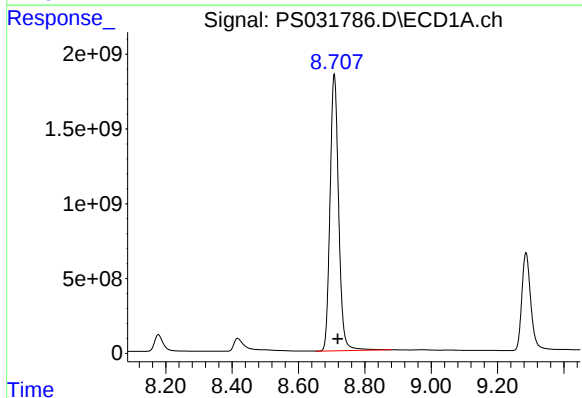
Reviewed By :Abdul
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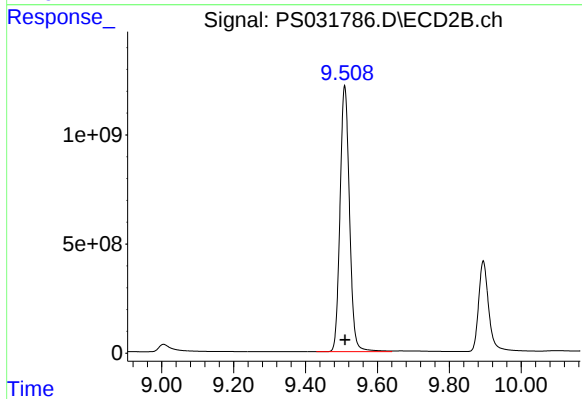
#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.009 min
Response: 846670162
Conc: 514.66 ng/ml



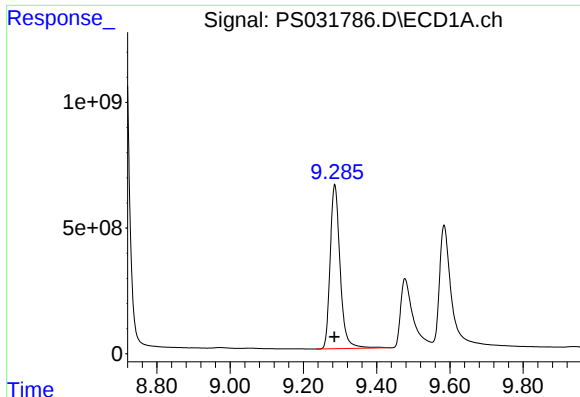
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 33399435878
Conc: 629.06 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 2228396686
Conc: 560.04 ng/ml



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

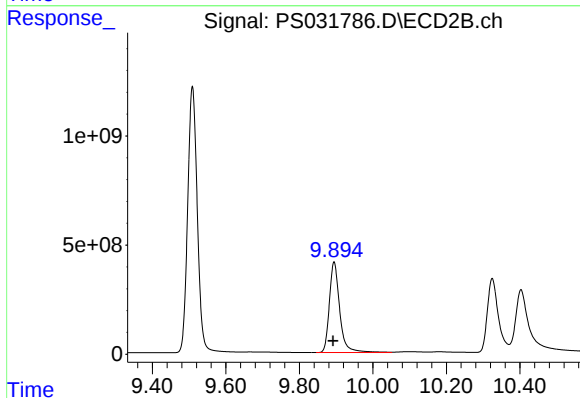
R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 12329826212
Conc: 587.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169784BS

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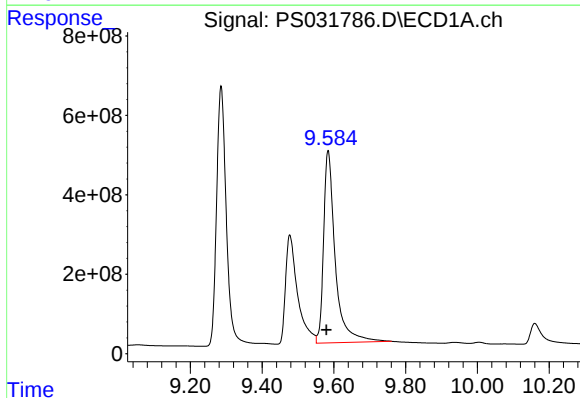
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ahmed
09/25/2025



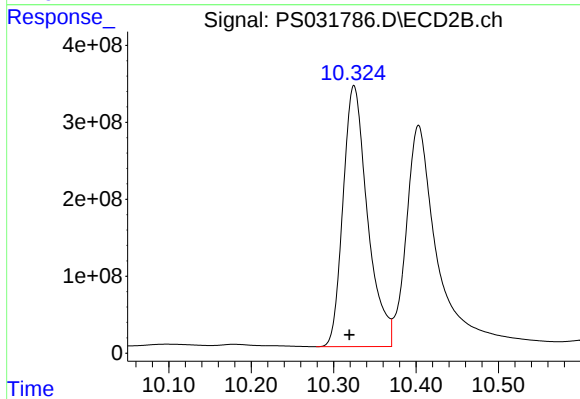
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.003 min
Response: 8125980088
Conc: 539.78 ng/ml



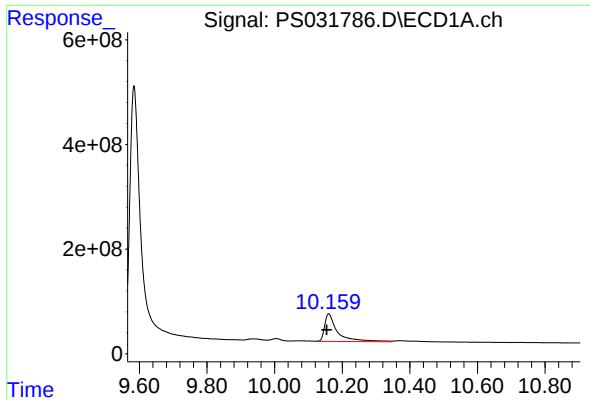
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: 0.005 min
Response: 10954820832
Conc: 598.68 ng/ml



#12 2,4,5-T

R.T.: 10.325 min
Delta R.T.: 0.006 min
Response: 7005685471
Conc: 520.60 ng/ml



#13 2,4-DB

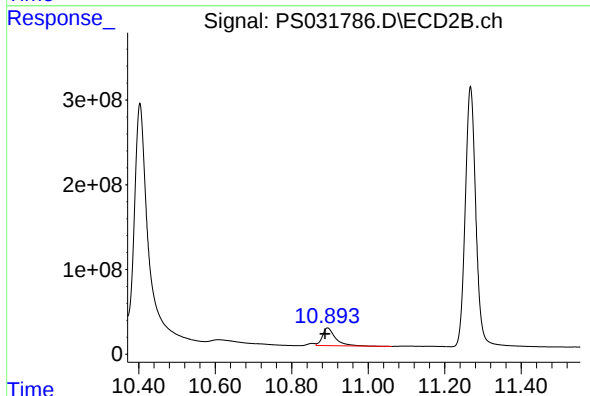
R.T.: 10.160 min
Delta R.T.: 0.006 min
Response: 1371659299
Conc: 588.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169784BS

Manual Integrations
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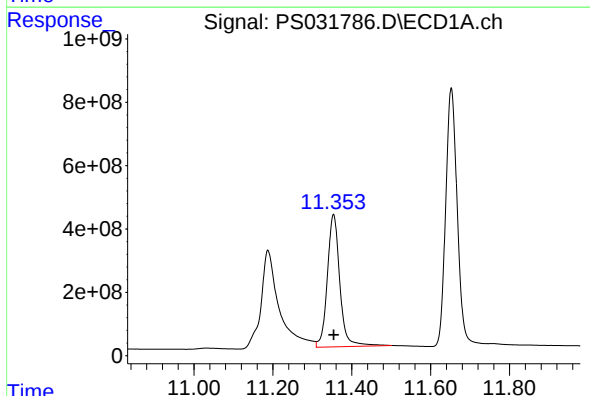
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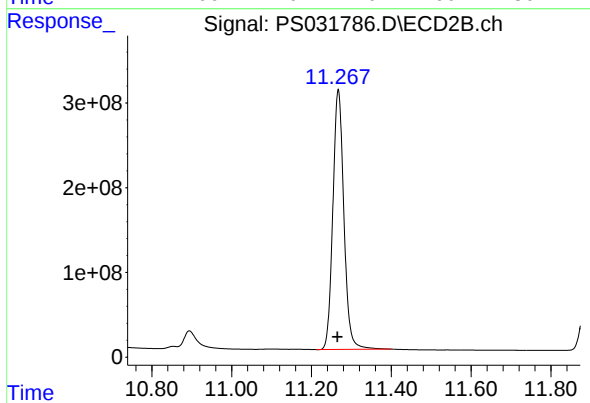
#13 2,4-DB

R.T.: 10.894 min
Delta R.T.: 0.007 min
Response: 489777913
Conc: 457.72 ng/ml



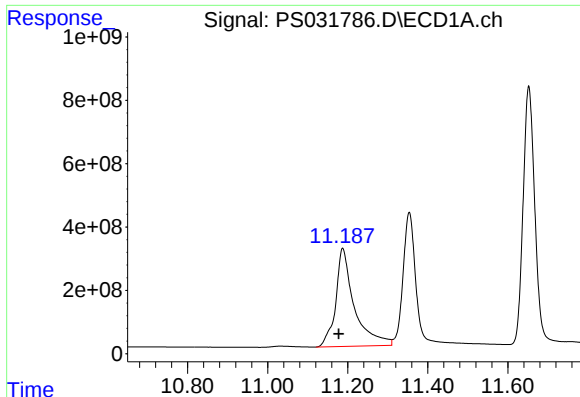
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 9194373381
Conc: 637.49 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 5877218835
Conc: 604.61 ng/ml



#15 Picloram

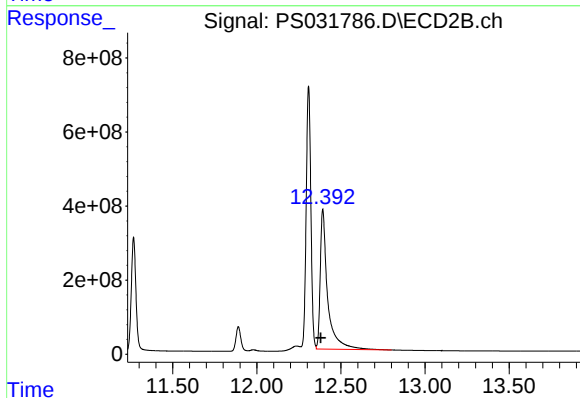
R.T.: 11.187 min
Delta R.T.: 0.010 min
Response: 9980906151
Conc: 554.15 ng/ml

Instrument :
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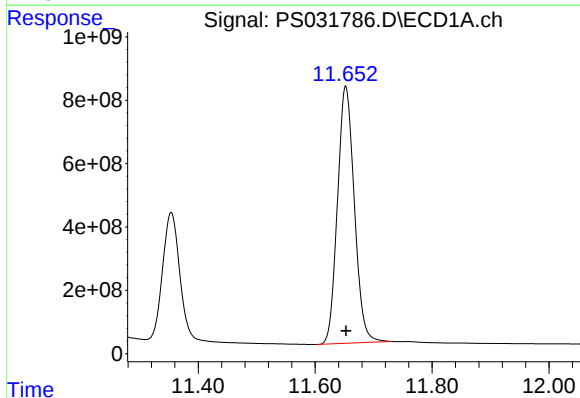
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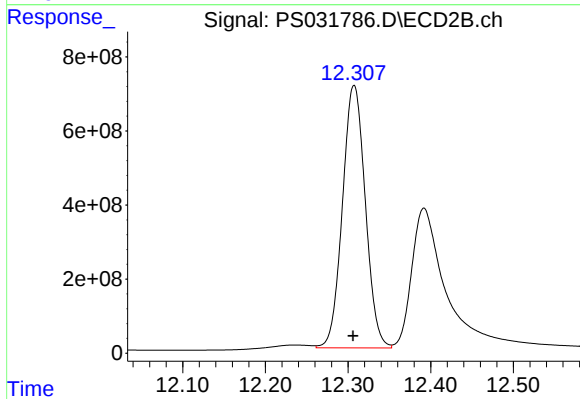
#15 Picloram

R.T.: 12.392 min
Delta R.T.: 0.012 min
Response: 11572884868
Conc: 488.65 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 16252010300
Conc: 603.05 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.001 min
Response: 13632054592
Conc: 565.55 ng/ml