

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031222.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 12:03
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 16:04:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.321	7.761	2703.0E6	676.2E6	621.635m	666.261
Target Compounds							
1) T	Dalapon	2.688	2.699	3848.0E6	1720.9E6	613.435	606.660
2) T	3,5-DICHL...	6.484	6.708	3521.7E6	941.1E6	637.679	611.122
3) T	4-Nitroph...	7.121	7.294	1151.6E6	1103.7E6	698.446	610.029
5) T	DICAMBA	7.510	7.963	10768.4E6	4096.2E6	652.749	634.731
6) T	MCPD	7.692	8.062	667.8E6	130.3E6	66.712	62.733
7) T	MCPA	7.842	8.311	821.2E6	186.7E6	65.620	59.181
8) T	DICHLORPROP	8.222	8.682	2454.9E6	948.6E6	642.327	626.171
9) T	2,4-D	8.453	9.019	2475.0E6	1067.6E6	662.664m	628.641
10) T	Pentachlo...	8.760	9.542	39321.6E6	25843.9E6	719.892	661.286
11) T	2,4,5-TP ...	9.339	9.924	14897.7E6	9580.4E6	678.601	643.232
12) T	2,4,5-T	9.632	10.350	14094.7E6	9121.6E6	721.777	641.486
13) T	2,4-DB	10.209	10.919	2184.3E6	755.3E6	730.556m	645.238
14) T	DINOSEB	11.424	11.303	9970.6E6	6886.6E6	640.396	609.323
15) T	Picloram	11.233	12.413	15503.2E6	16230.8E6	774.903	651.970
16) T	DCPA	11.721	12.347	19569.5E6	15008.8E6	682.020	651.534

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

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Data File : PS031222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:03
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

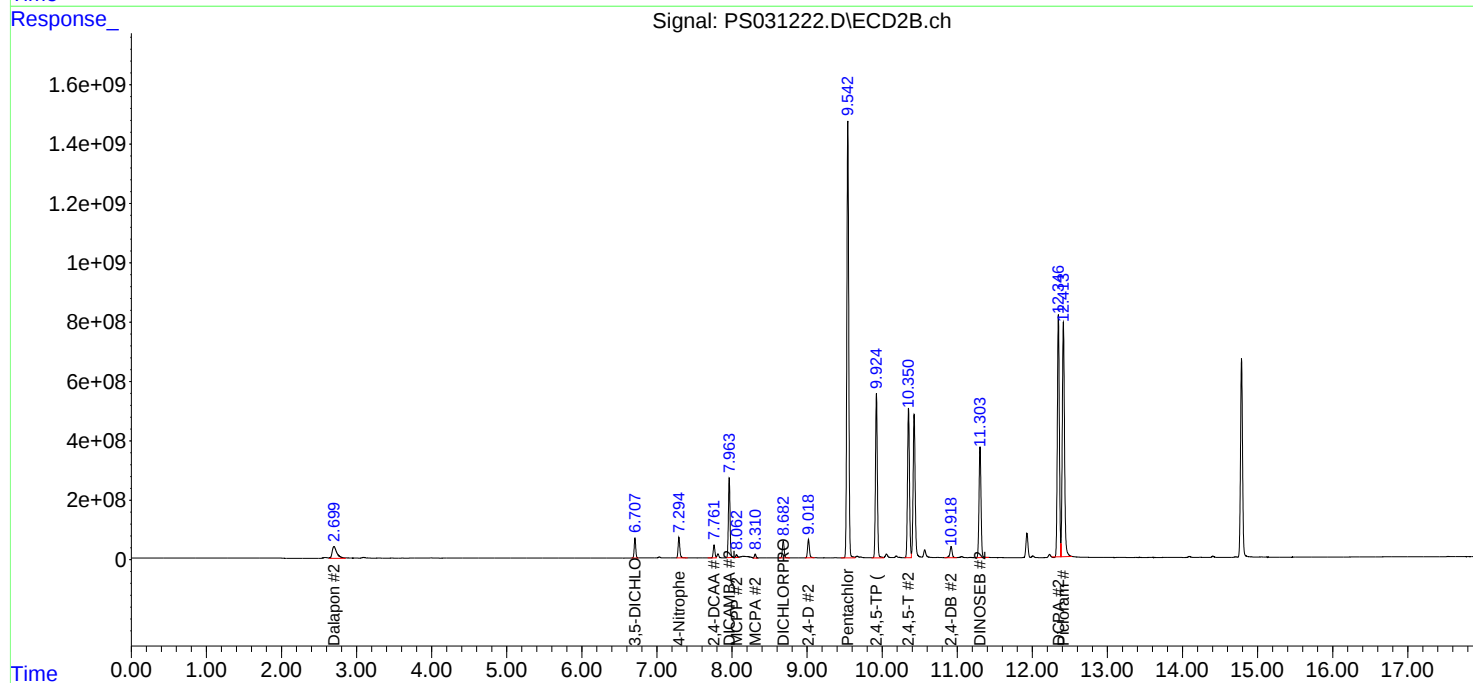
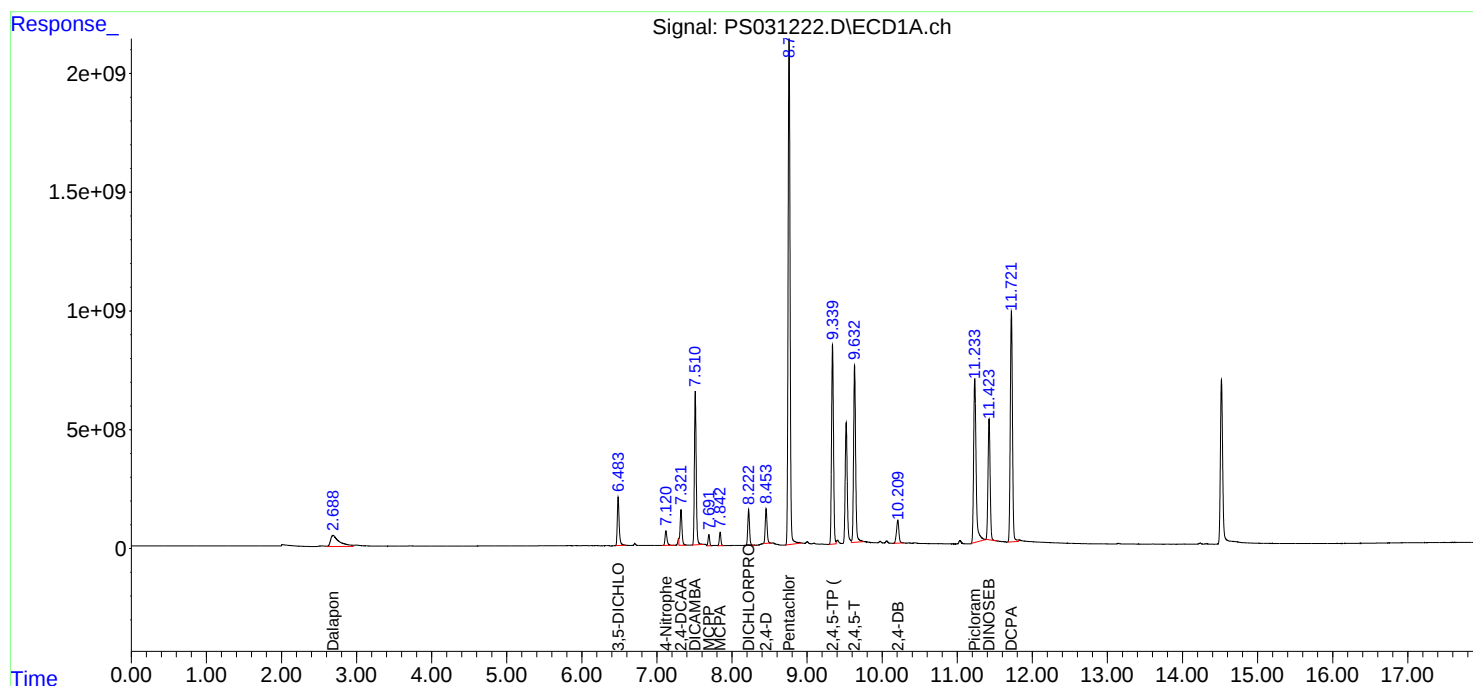
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

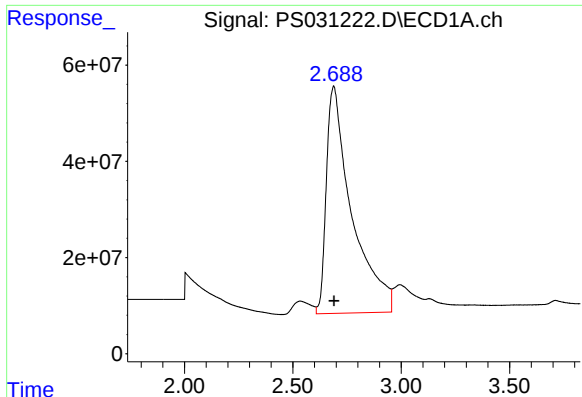
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 16:04:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





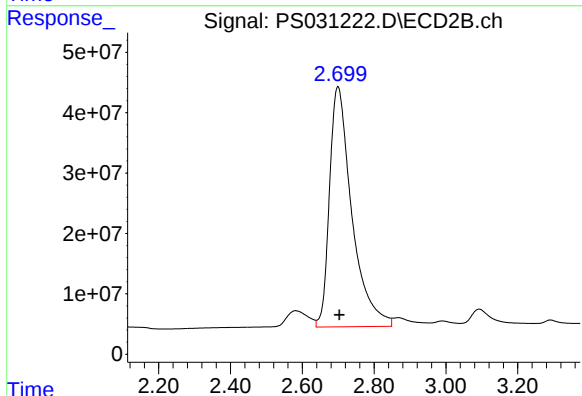
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 3848020663
Conc: 613.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

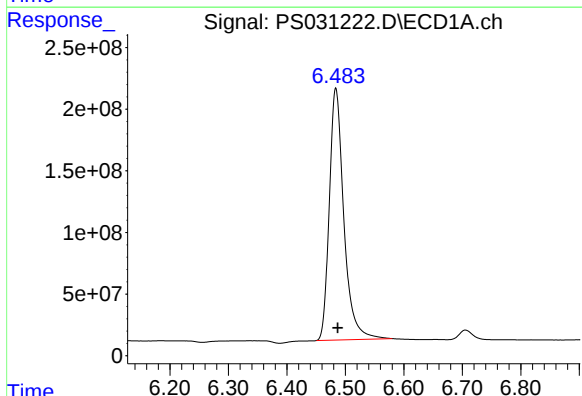
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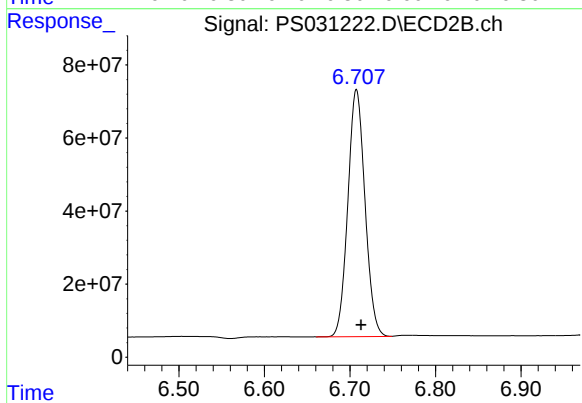
#1 Dalapon

R.T.: 2.699 min
Delta R.T.: -0.004 min
Response: 1720936143
Conc: 606.66 ng/ml



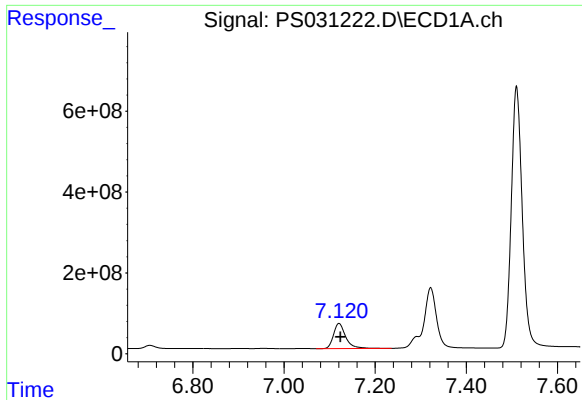
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 3521740913
Conc: 637.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 941063617
Conc: 611.12 ng/ml



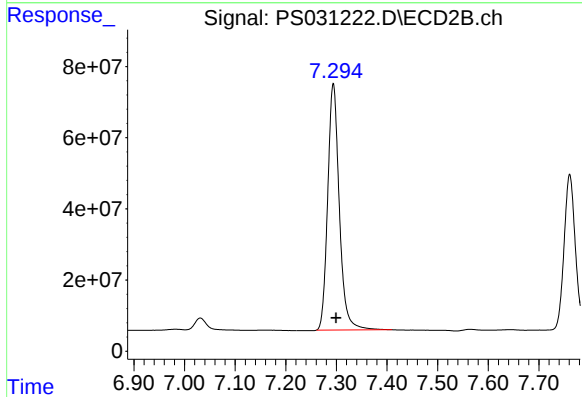
#3 4-Nitrophenol

R.T.: 7.121 min
Delta R.T.: -0.003 min
Response: 1151587322
Conc: 698.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

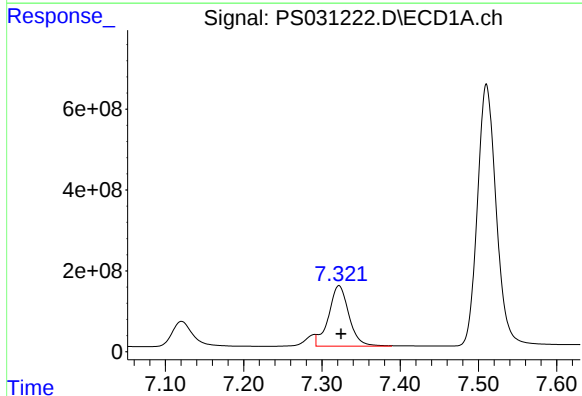
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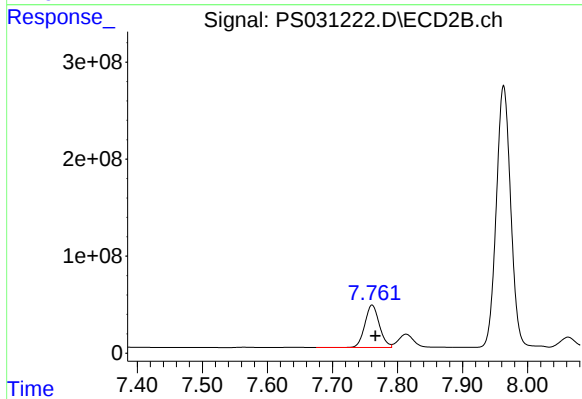
#3 4-Nitrophenol

R.T.: 7.294 min
Delta R.T.: -0.005 min
Response: 1103736553
Conc: 610.03 ng/ml



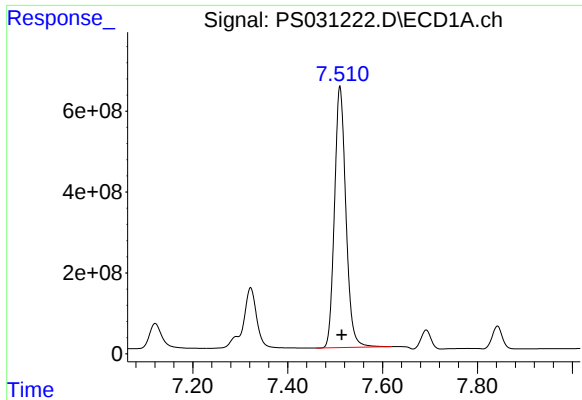
#4 2,4-DCAA

R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 2703025783
Conc: 621.63 ng/ml m



#4 2,4-DCAA

R.T.: 7.761 min
Delta R.T.: -0.005 min
Response: 676234128
Conc: 666.26 ng/ml



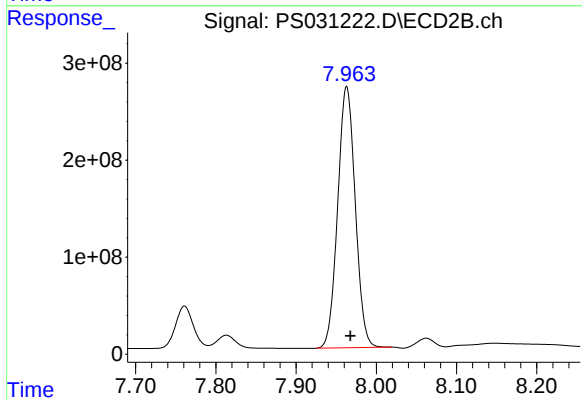
#5 DICAMBA

R.T.: 7.510 min
Delta R.T.: -0.004 min
Response: 10768380319
Conc: 652.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

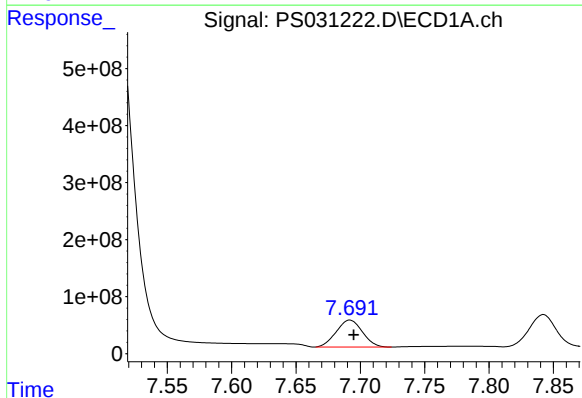
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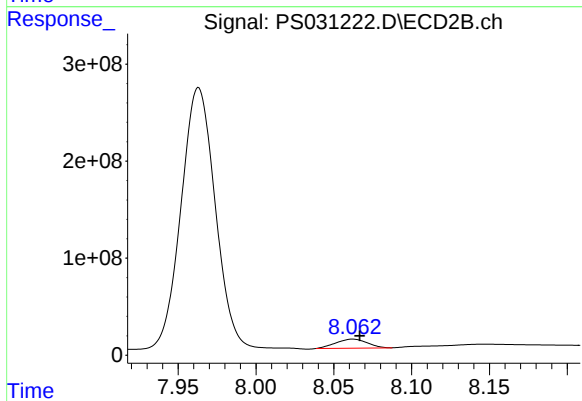
#5 DICAMBA

R.T.: 7.963 min
Delta R.T.: -0.005 min
Response: 4096155144
Conc: 634.73 ng/ml



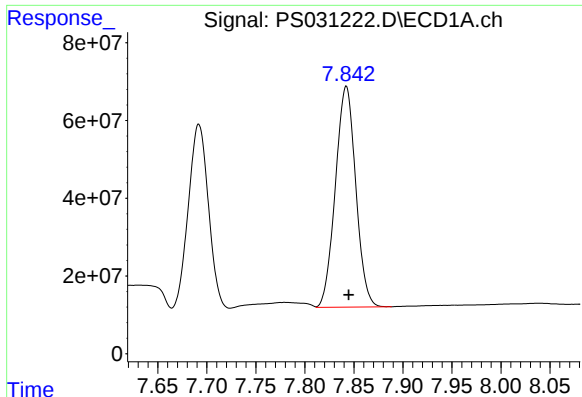
#6 MCPP

R.T.: 7.692 min
Delta R.T.: -0.003 min
Response: 667791702
Conc: 66.71 ug/ml



#6 MCPP

R.T.: 8.062 min
Delta R.T.: -0.005 min
Response: 130347363
Conc: 62.73 ug/ml



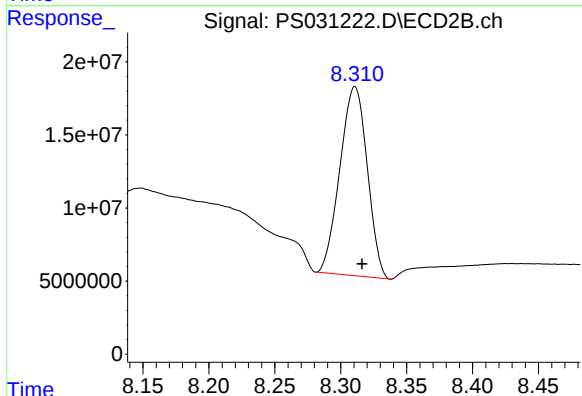
#7 MCPA

R.T.: 7.842 min
Delta R.T.: -0.002 min
Response: 821178986
Conc: 65.62 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

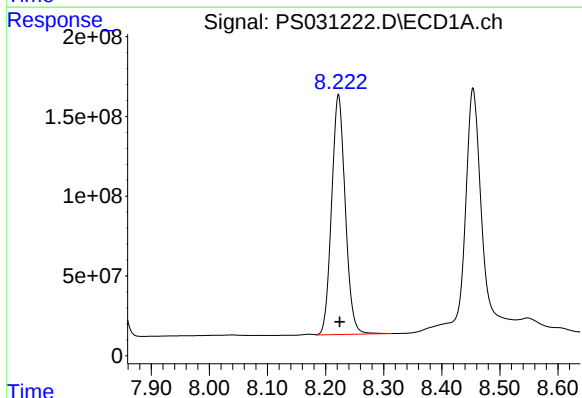
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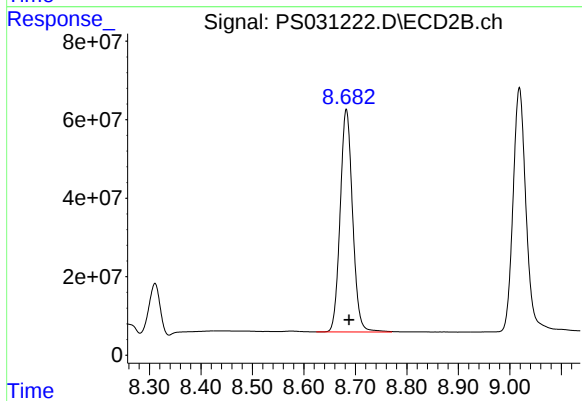
#7 MCPA

R.T.: 8.311 min
Delta R.T.: -0.006 min
Response: 186727683
Conc: 59.18 ug/ml



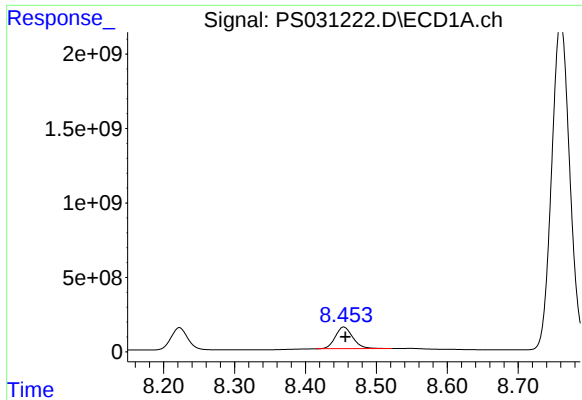
#8 DICHLORPROP

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 2454945616
Conc: 642.33 ng/ml



#8 DICHLORPROP

R.T.: 8.682 min
Delta R.T.: -0.005 min
Response: 948562256
Conc: 626.17 ng/ml



#9 2,4-D

R.T.: 8.453 min
Delta R.T.: -0.003 min
Response: 2474994641
Conc: 662.66 ng/ml

Instrument :

ECD_S

ClientSampleId :

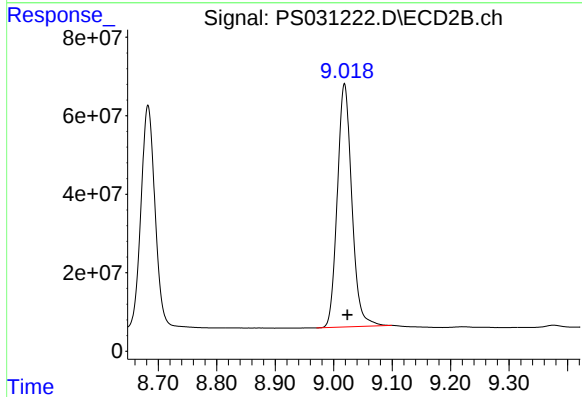
HSTDCCC750

Manual Integrations

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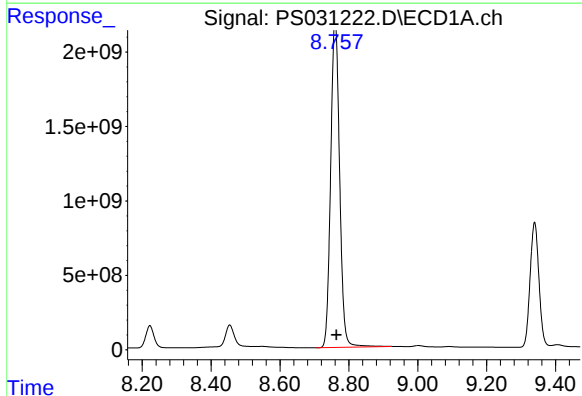
Reviewed By :Yogesh Patel 07/25/2025

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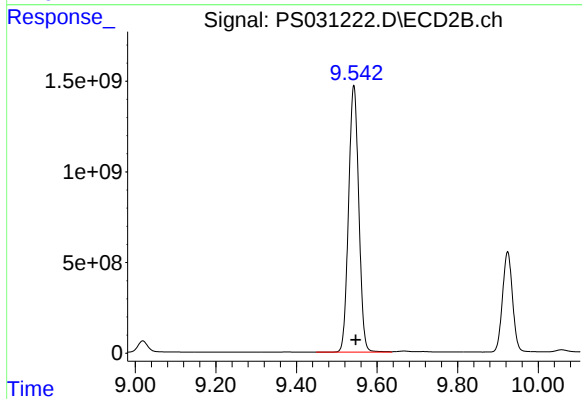
#9 2,4-D

R.T.: 9.019 min
Delta R.T.: -0.005 min
Response: 1067632755
Conc: 628.64 ng/ml



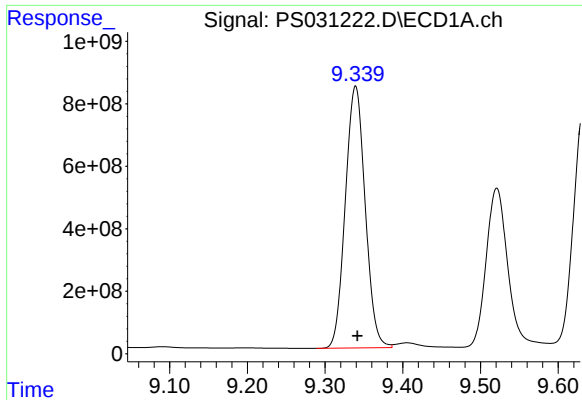
#10 Pentachlorophenol

R.T.: 8.760 min
Delta R.T.: -0.004 min
Response: 39321617114
Conc: 719.89 ng/ml



#10 Pentachlorophenol

R.T.: 9.542 min
Delta R.T.: -0.005 min
Response: 25843869223
Conc: 661.29 ng/ml



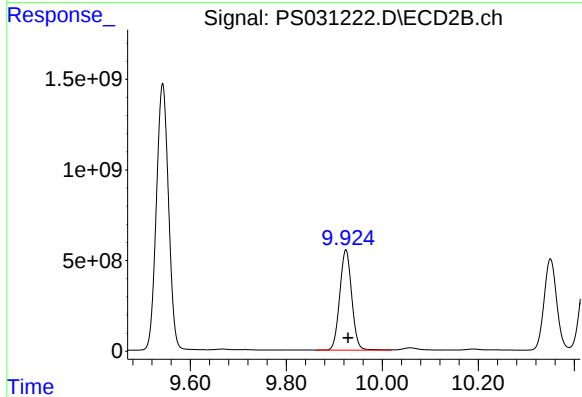
#11 2,4,5-TP (SILVEX)

R.T.: 9.339 min
Delta R.T.: -0.003 min
Response: 14897723114
Conc: 678.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

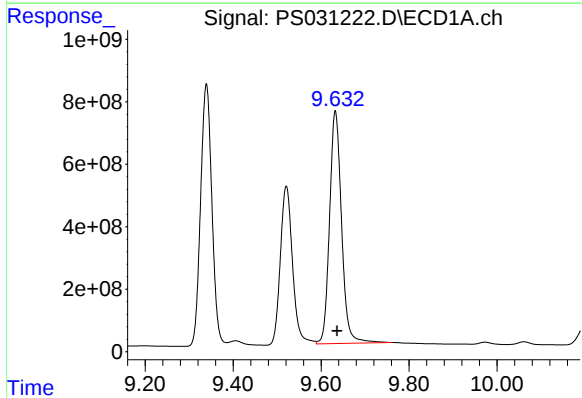
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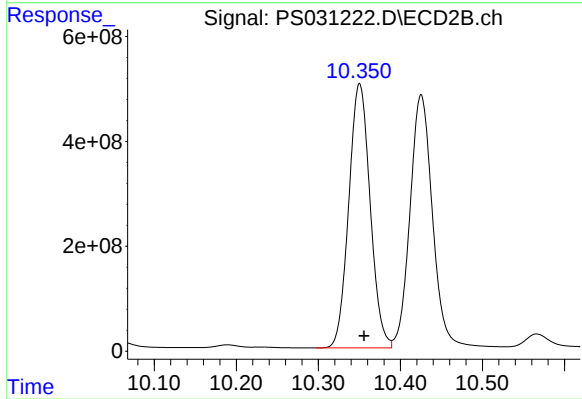
#11 2,4,5-TP (SILVEX)

R.T.: 9.924 min
Delta R.T.: -0.005 min
Response: 9580413512
Conc: 643.23 ng/ml



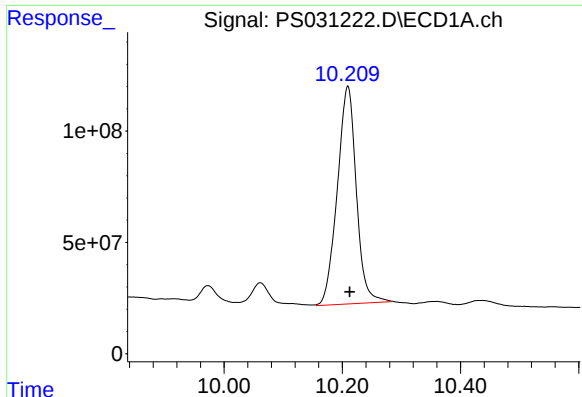
#12 2,4,5-T

R.T.: 9.632 min
Delta R.T.: -0.004 min
Response: 14094719433
Conc: 721.78 ng/ml



#12 2,4,5-T

R.T.: 10.350 min
Delta R.T.: -0.005 min
Response: 9121585184
Conc: 641.49 ng/ml



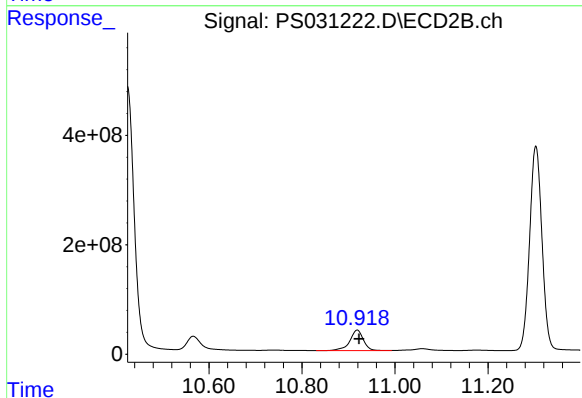
#13 2,4-DB

R.T.: 10.209 min
Delta R.T.: -0.004 min
Response: 2184275936
Conc: 730.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

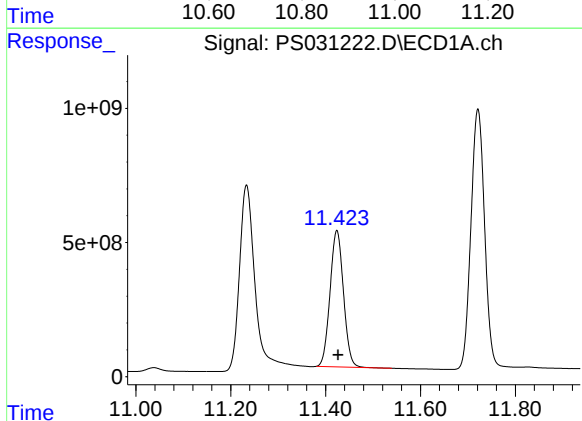
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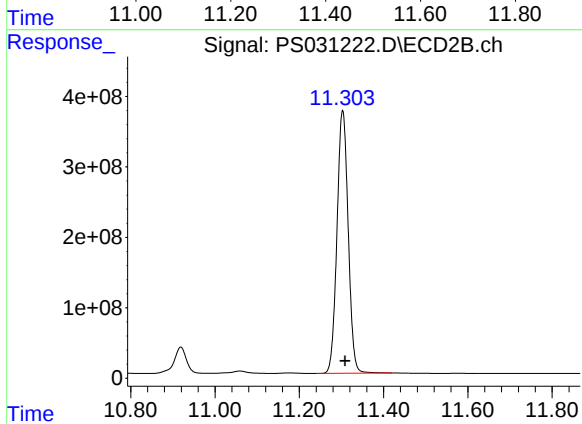
#13 2,4-DB

R.T.: 10.919 min
Delta R.T.: -0.004 min
Response: 755258036
Conc: 645.24 ng/ml



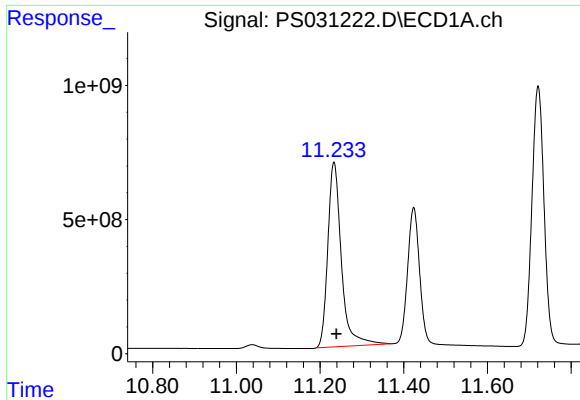
#14 DINOSEB

R.T.: 11.424 min
Delta R.T.: -0.003 min
Response: 9970643058
Conc: 640.40 ng/ml



#14 DINOSEB

R.T.: 11.303 min
Delta R.T.: -0.005 min
Response: 6886615500
Conc: 609.32 ng/ml



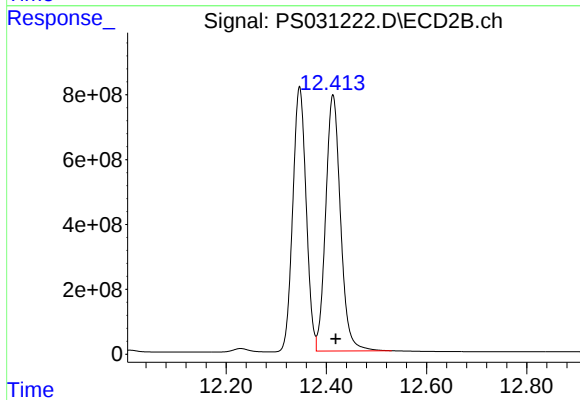
#15 Picloram

R.T.: 11.233 min
Delta R.T.: -0.005 min
Response: 15503151258
Conc: 774.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

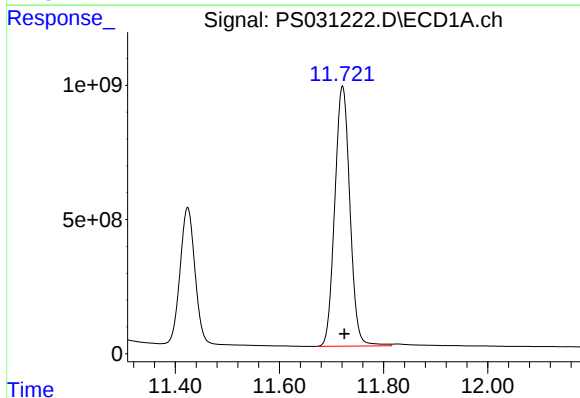
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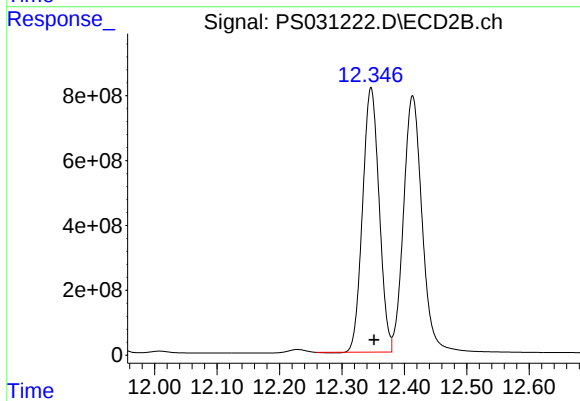
#15 Picloram

R.T.: 12.413 min
Delta R.T.: -0.005 min
Response: 16230814719
Conc: 651.97 ng/ml



#16 DCPA

R.T.: 11.721 min
Delta R.T.: -0.003 min
Response: 19569524274
Conc: 682.02 ng/ml



#16 DCPA

R.T.: 12.347 min
Delta R.T.: -0.005 min
Response: 15008763067
Conc: 651.53 ng/ml