

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071825\
 Data File : PS031126.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 11:55
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025
 Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 14:29:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.327	7.763	2528.0E6	681.9E6	639.191m	658.155
Target Compounds							
1) T	Dalapon	2.689	2.699	3758.0E6	1626.2E6	616.904	572.031
2) T	3,5-DICHL...	6.488	6.709	3637.0E6	948.8E6	694.266	612.013
3) T	4-Nitroph...	7.126	7.296	1136.2E6	1073.6E6	841.637	615.611 #
5) T	DICAMBA	7.516	7.965	9456.5E6	4034.9E6	602.674	623.010
6) T	MCPD	7.697	8.064	594.2E6	119.1E6	64.576	55.705
7) T	MCPA	7.847	8.312	817.4E6	191.2E6	74.942	59.640
8) T	DICHLORPROP	8.228	8.685	2701.5E6	1069.8E6	793.356	704.190
9) T	2,4-D	8.461	9.021	3023.2E6	1258.3E6	982.071	740.428
10) T	Pentachlo...	8.765	9.545	43419.4E6	26040.9E6	863.869m	675.773
11) T	2,4,5-TP ...	9.346	9.926	15134.9E6	9907.9E6	813.238	675.120
12) T	2,4,5-T	9.639	10.353	12836.9E6	8914.1E6	843.796m	637.093
13) T	2,4-DB	10.218	10.921	1581.1E6	740.9E6	728.367m	626.230
14) T	DINOSEB	11.433	11.306	10272.9E6	7171.0E6	779.200	631.718
15) T	Picloram	11.244	12.416	14384.8E6	16147.3E6	987.159	687.685 #
16) T	DCPA	11.730	12.350	19190.8E6	14769.2E6	801.717	654.896

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071825\
Data File : PS031126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2025 11:55
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 50 Sample Multiplier: 1

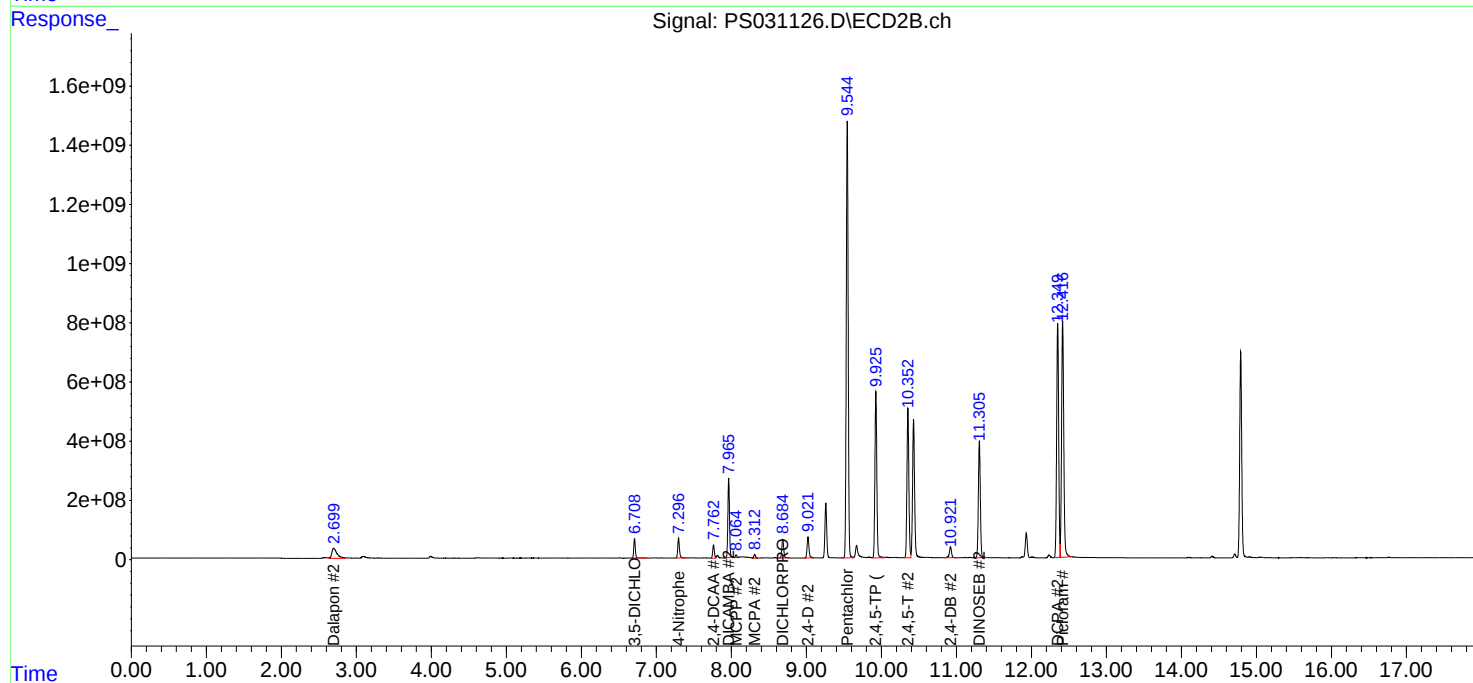
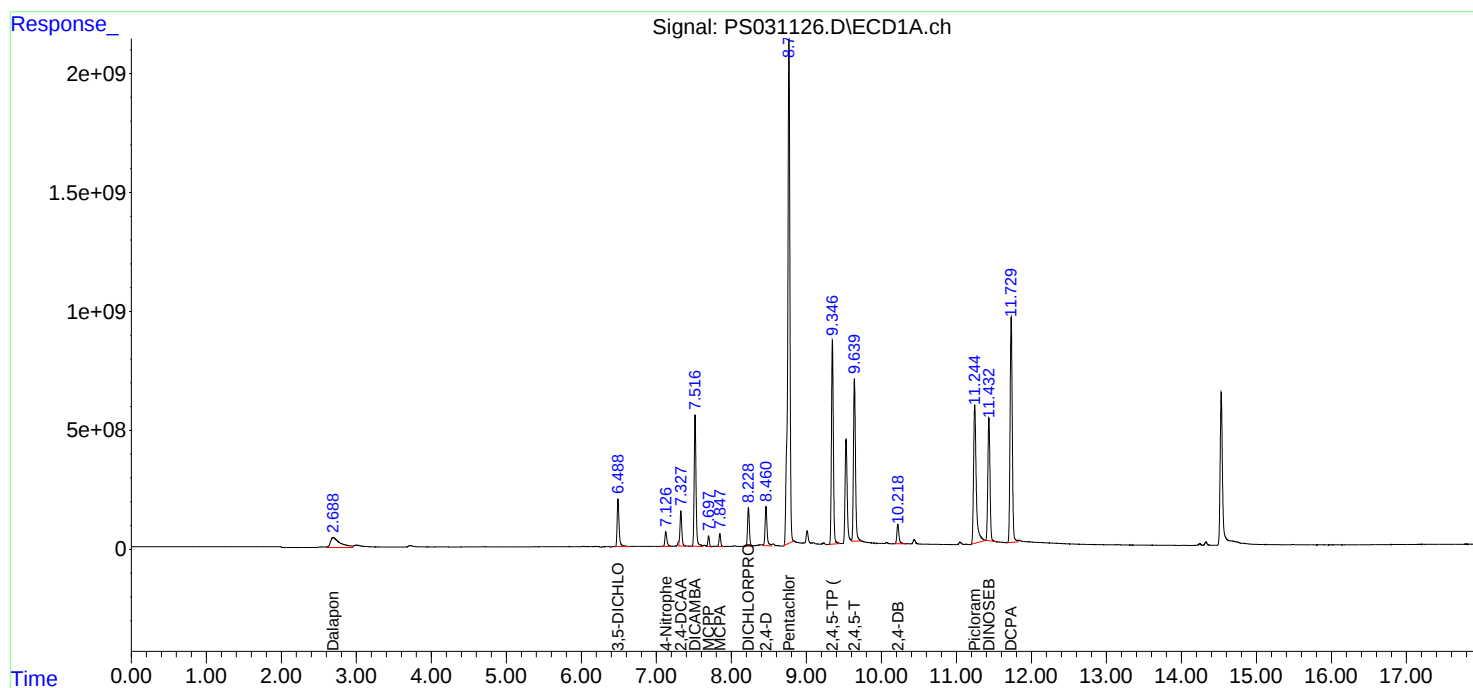
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

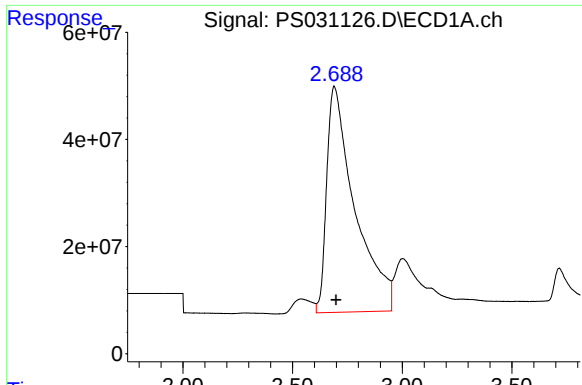
Manual Integrations
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Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 14:29:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 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





#1 Dalapon

R.T.: 2.689 min
Delta R.T.: -0.009 min
Response: 3758008553
Conc: 616.90 ng/ml

Instrument :

ECD_S

ClientSampleId :

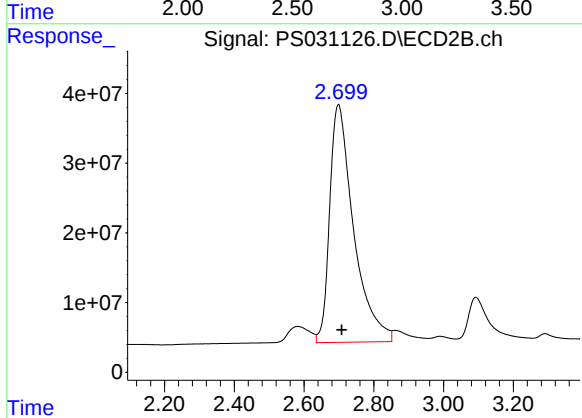
HSTDCCC750

Manual Integrations

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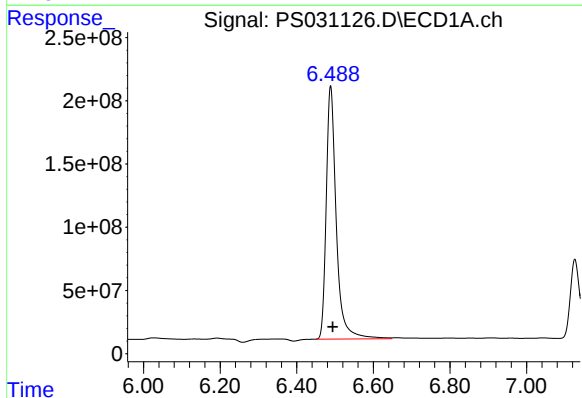
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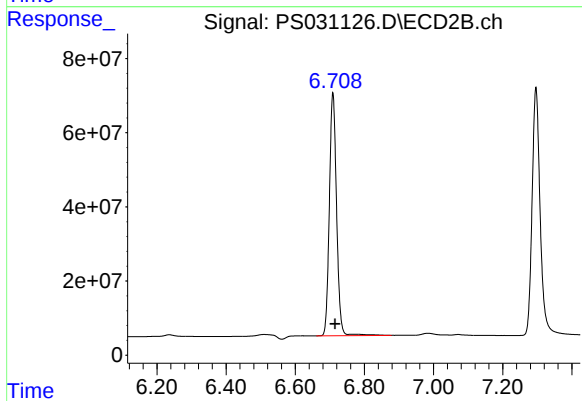
#1 Dalapon

R.T.: 2.699 min
Delta R.T.: -0.009 min
Response: 1626202456
Conc: 572.03 ng/ml



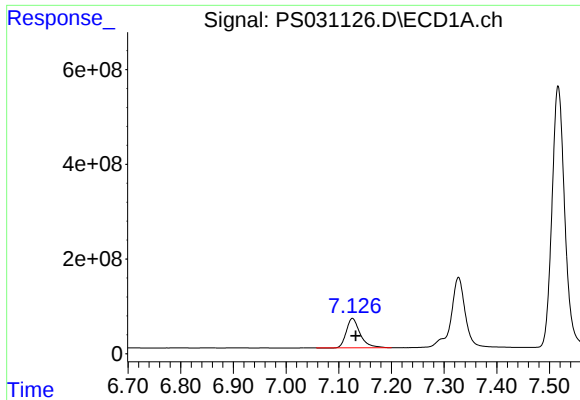
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.488 min
Delta R.T.: -0.006 min
Response: 3636982421
Conc: 694.27 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.709 min
Delta R.T.: -0.006 min
Response: 948826243
Conc: 612.01 ng/ml



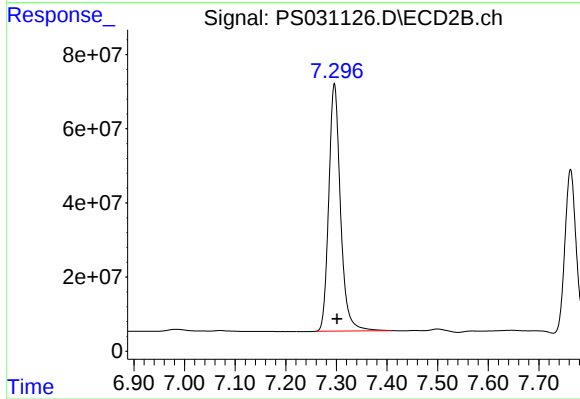
#3 4-Nitrophenol

R.T.: 7.126 min
Delta R.T.: -0.006 min
Response: 1136216761
Conc: 841.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

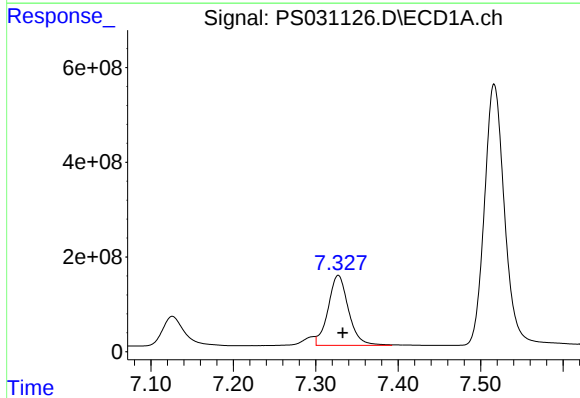
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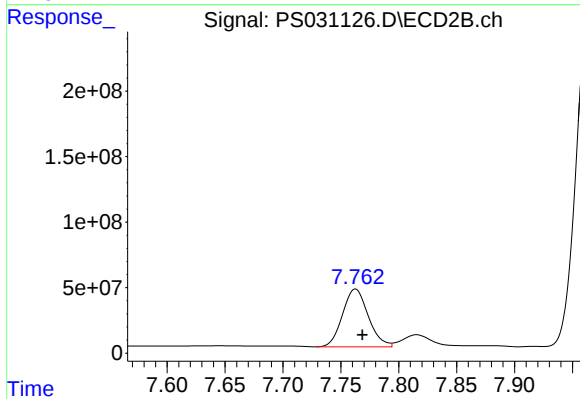
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: -0.005 min
Response: 1073556985
Conc: 615.61 ng/ml



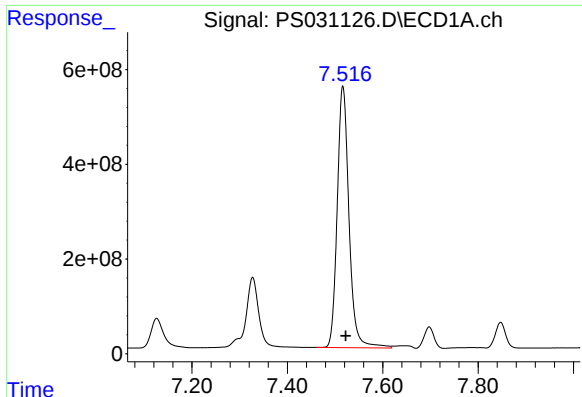
#4 2,4-DCAA

R.T.: 7.327 min
Delta R.T.: -0.006 min
Response: 2528049940
Conc: 639.19 ng/ml m



#4 2,4-DCAA

R.T.: 7.763 min
Delta R.T.: -0.006 min
Response: 681869680
Conc: 658.15 ng/ml



#5 DICAMBA

R.T.: 7.516 min
Delta R.T.: -0.006 min
Response: 9456511072
Conc: 602.67 ng/ml

Instrument :

ECD_S

ClientSampleId :

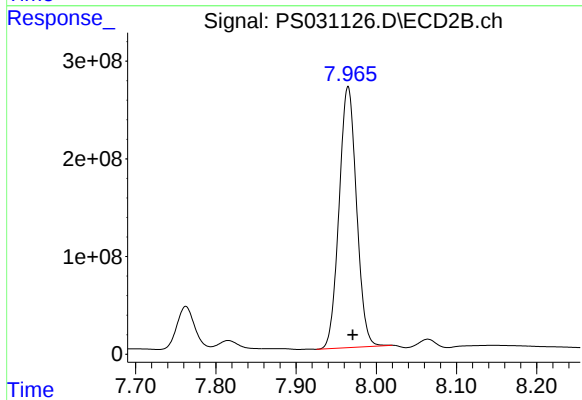
HSTDCCC750

Manual Integrations

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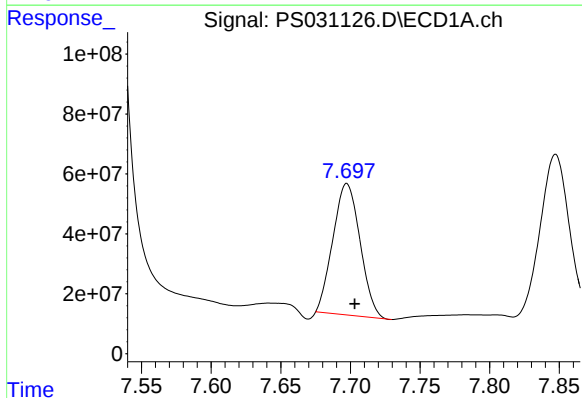
Reviewed By :Abdul Mirza 07/21/2025

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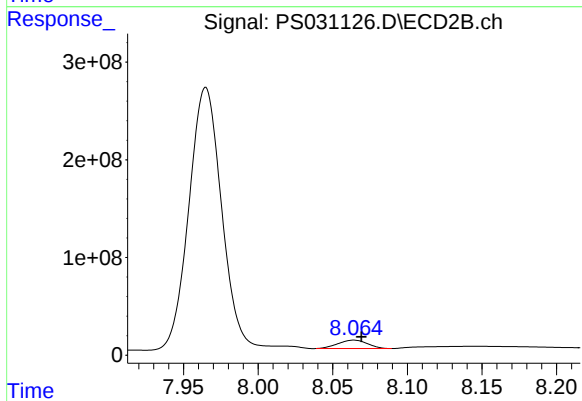
#5 DICAMBA

R.T.: 7.965 min
Delta R.T.: -0.006 min
Response: 4034873715
Conc: 623.01 ng/ml



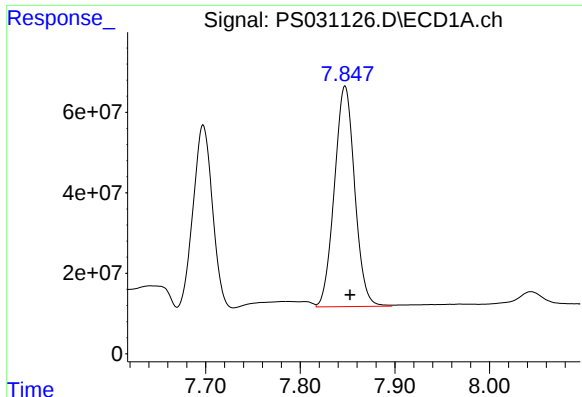
#6 MCP

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 594180555
Conc: 64.58 ug/ml



#6 MCP

R.T.: 8.064 min
Delta R.T.: -0.005 min
Response: 119094607
Conc: 55.71 ug/ml



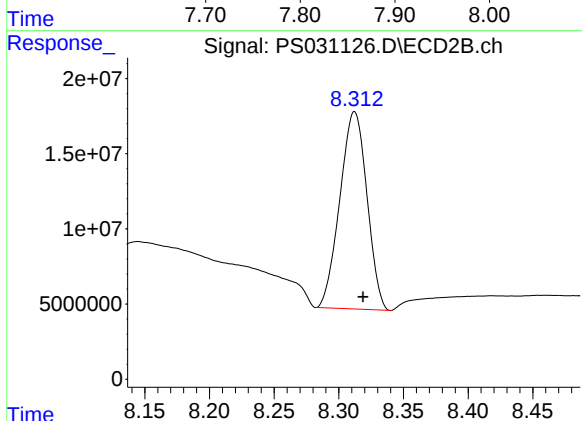
#7 MCPA

R.T.: 7.847 min
Delta R.T.: -0.005 min
Response: 817381767
Conc: 74.94 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

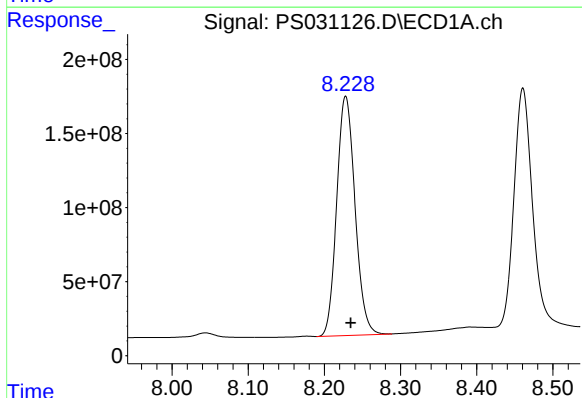
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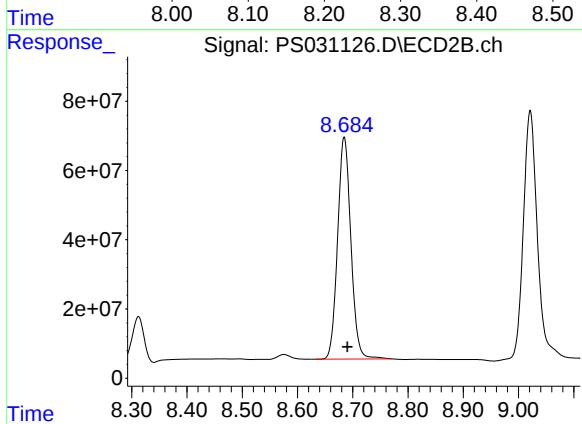
#7 MCPA

R.T.: 8.312 min
Delta R.T.: -0.007 min
Response: 191186360
Conc: 59.64 ug/ml



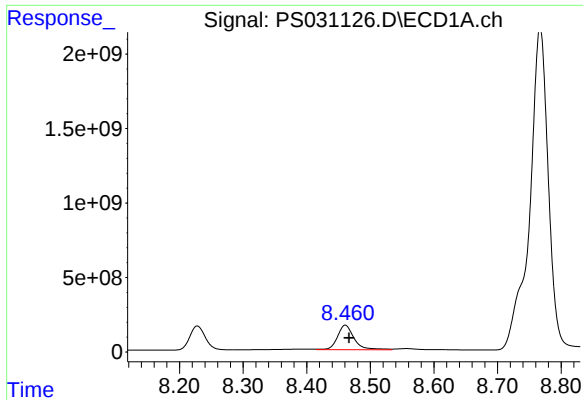
#8 DICHLORPROP

R.T.: 8.228 min
Delta R.T.: -0.007 min
Response: 2701500057
Conc: 793.36 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.006 min
Response: 1069848843
Conc: 704.19 ng/ml



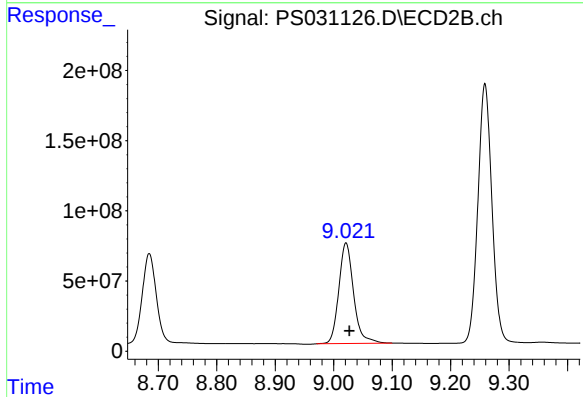
#9 2,4-D

R.T.: 8.461 min
Delta R.T.: -0.006 min
Response: 3023244178
Conc: 982.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

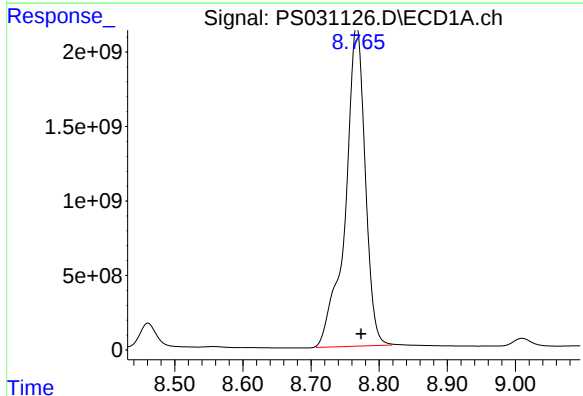
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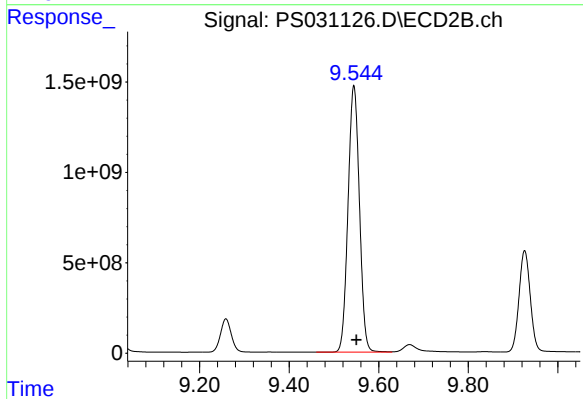
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.006 min
Response: 1258331047
Conc: 740.43 ng/ml



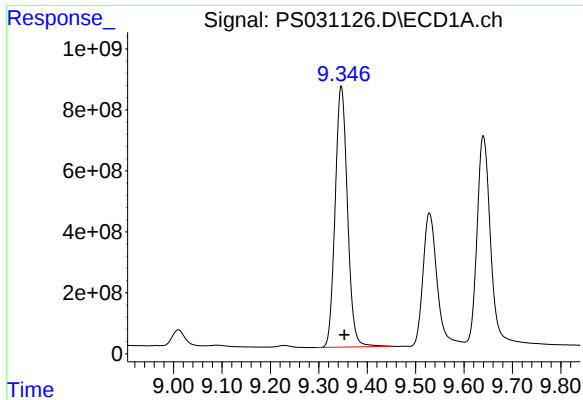
#10 Pentachlorophenol

R.T.: 8.765 min
Delta R.T.: -0.008 min
Response: 43419426186
Conc: 863.87 ng/ml m



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.006 min
Response: 26040946656
Conc: 675.77 ng/ml



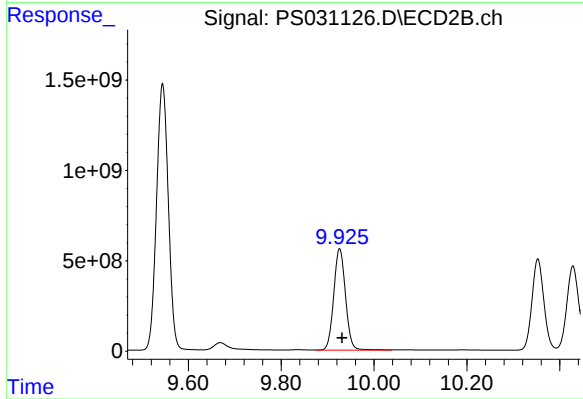
#11 2,4,5-TP (SILVEX)

R.T.: 9.346 min
Delta R.T.: -0.007 min
Response: 15134947217
Conc: 813.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

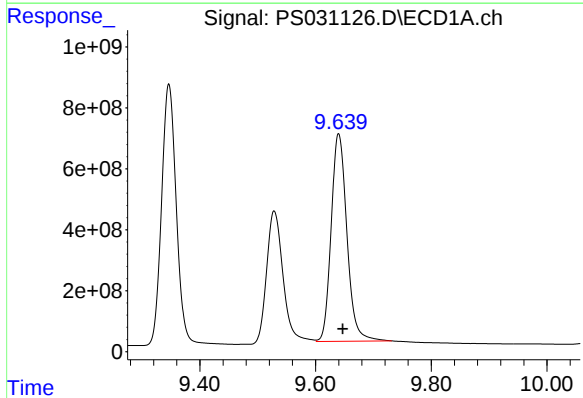
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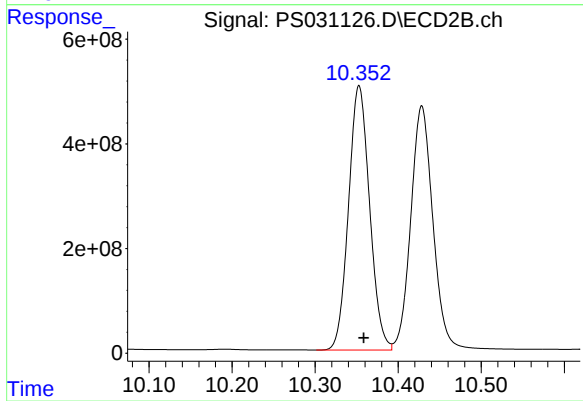
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.006 min
Response: 9907913920
Conc: 675.12 ng/ml



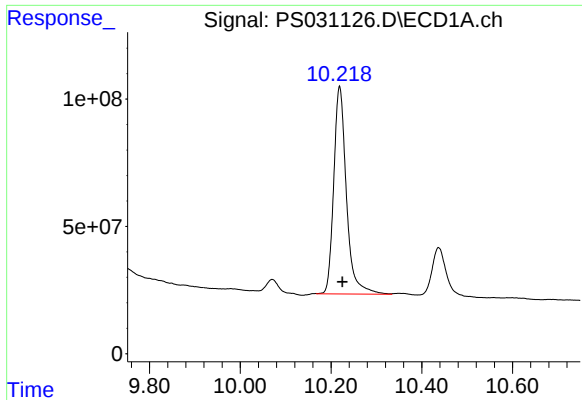
#12 2,4,5-T

R.T.: 9.639 min
Delta R.T.: -0.008 min
Response: 12836939446
Conc: 843.80 ng/ml m



#12 2,4,5-T

R.T.: 10.353 min
Delta R.T.: -0.006 min
Response: 8914082324
Conc: 637.09 ng/ml



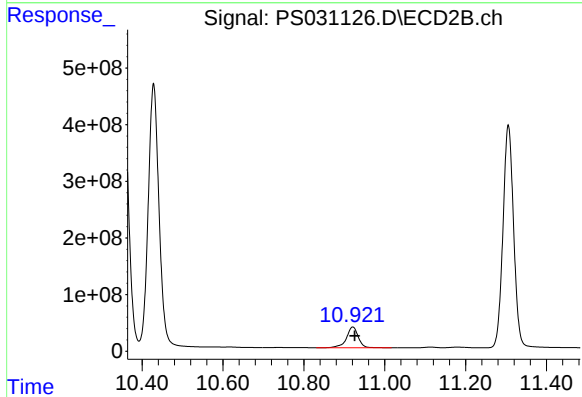
#13 2,4-DB

R.T.: 10.218 min
Delta R.T.: -0.006 min
Response: 1581132569
Conc: 728.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

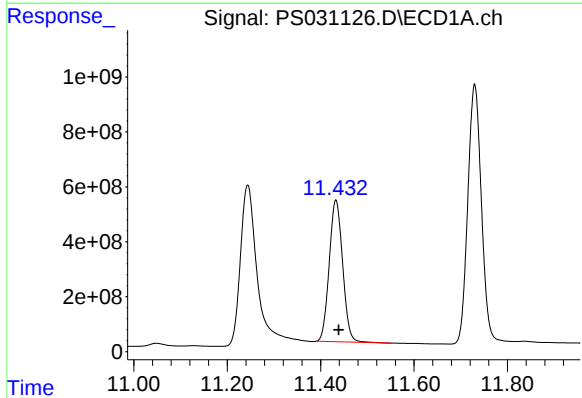
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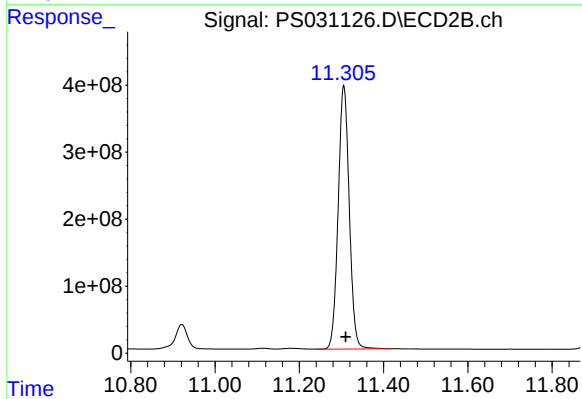
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.005 min
Response: 740944042
Conc: 626.23 ng/ml



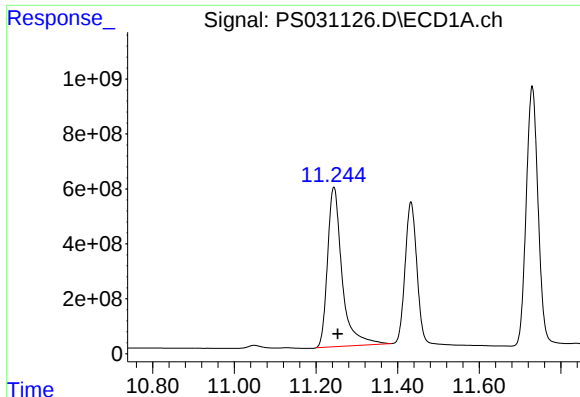
#14 DINOSEB

R.T.: 11.433 min
Delta R.T.: -0.006 min
Response: 10272901220
Conc: 779.20 ng/ml



#14 DINOSEB

R.T.: 11.306 min
Delta R.T.: -0.005 min
Response: 7170963690
Conc: 631.72 ng/ml



#15 Picloram

R.T.: 11.244 min
Delta R.T.: -0.010 min
Response: 14384823244
Conc: 987.16 ng/ml

Instrument :

ECD_S

ClientSampleId :

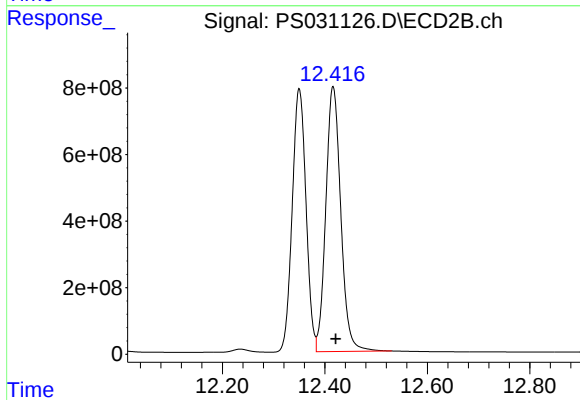
HSTDCCC750

Manual Integrations

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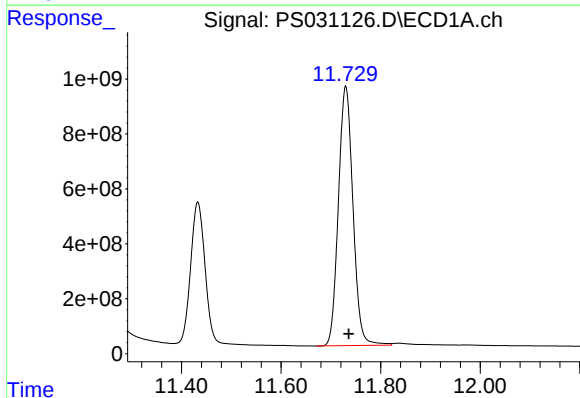
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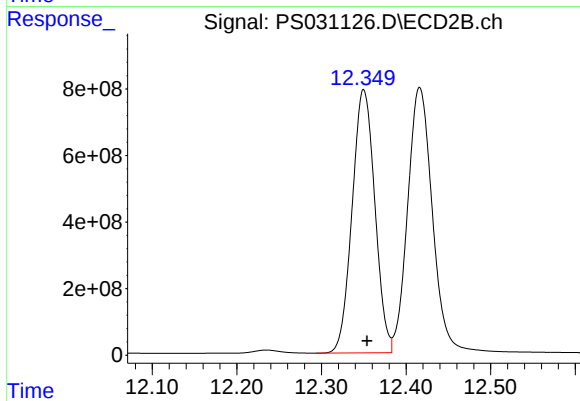
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.005 min
Response: 16147291576
Conc: 687.68 ng/ml



#16 DCPA

R.T.: 11.730 min
Delta R.T.: -0.006 min
Response: 19190846054
Conc: 801.72 ng/ml



#16 DCPA

R.T.: 12.350 min
Delta R.T.: -0.004 min
Response: 14769211106
Conc: 654.90 ng/ml