

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
 Data File : PS031062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 07:14
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 07:52:12 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	7.767	2437.0E6	710.7E6	616.166m	685.951
Target Compounds							
1) T	Dalapon	2.695	2.706	3725.3E6	1737.8E6	611.539	611.271
2) T	3,5-DICHL...	6.491	6.714	3624.5E6	983.8E6	691.891	634.603
3) T	4-Nitroph...	7.128	7.300	1082.3E6	1136.2E6	801.675m	651.526
5) T	DICAMBA	7.518	7.968	9431.3E6	4182.8E6	601.065	645.846
6) T	MCPD	7.698	8.068	596.0E6	129.0E6	64.775	60.326
7) T	MCPA	7.848	8.316	822.1E6	209.1E6	75.378	65.233m
8) T	DICHLORPROP	8.229	8.688	2735.7E6	1094.9E6	803.394	720.692
9) T	2,4-D	8.461	9.024	2473.6E6	1299.9E6	803.510m	764.899
10) T	Pentachlo...	8.767	9.547	37872.2E6	26975.0E6	753.502m	700.013
11) T	2,4,5-TP ...	9.346	9.928	14947.9E6	10185.9E6	803.188	694.060
12) T	2,4,5-T	9.641	10.355	12223.2E6	9153.3E6	803.452m	654.186
13) T	2,4-DB	10.219	10.923	1587.0E6	772.3E6	731.071	652.714
14) T	DINOSEB	11.432	11.307	10122.5E6	7469.7E6	767.795m	658.032
15) T	Picloram	11.244	12.417	14416.8E6	16694.6E6	989.350	710.994 #
16) T	DCPA	11.729	12.351	18757.5E6	15455.9E6	783.613m	685.346m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
Data File : PS031062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 07:14
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

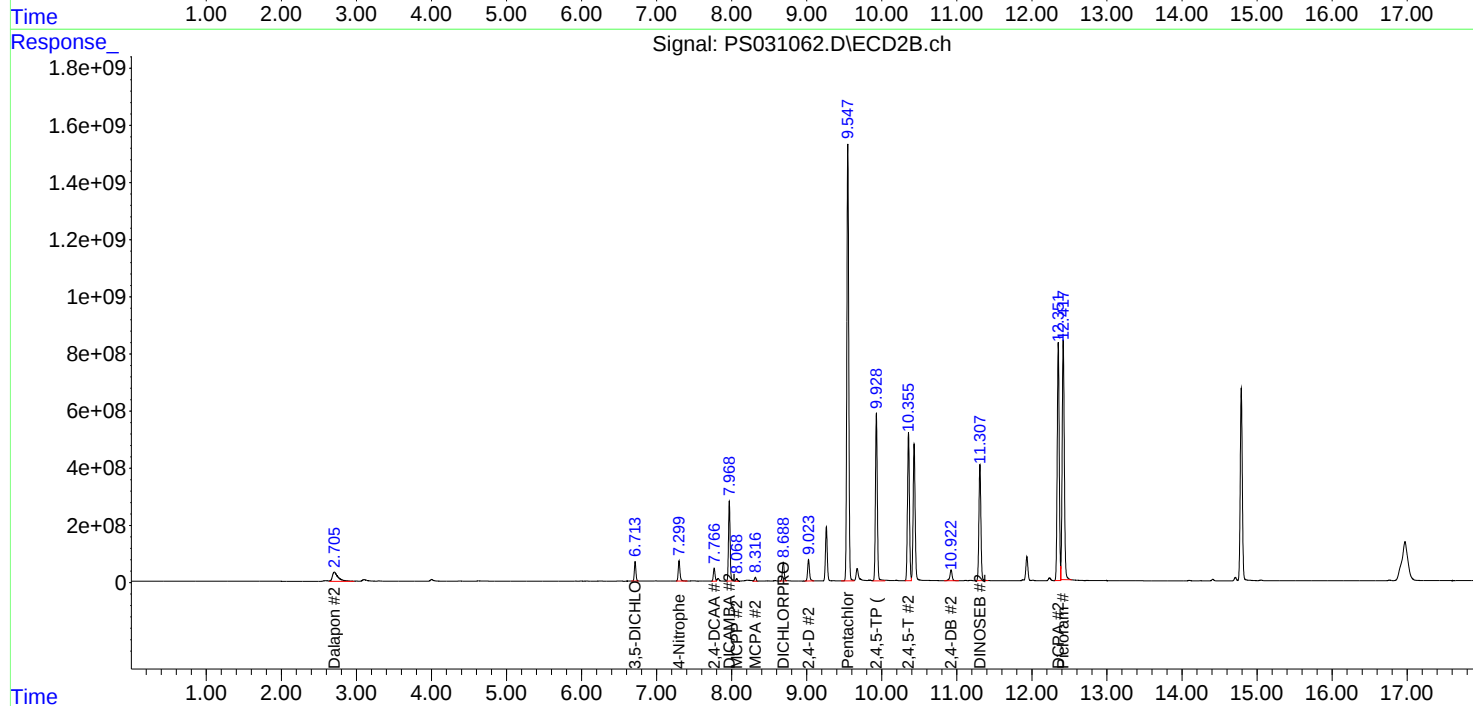
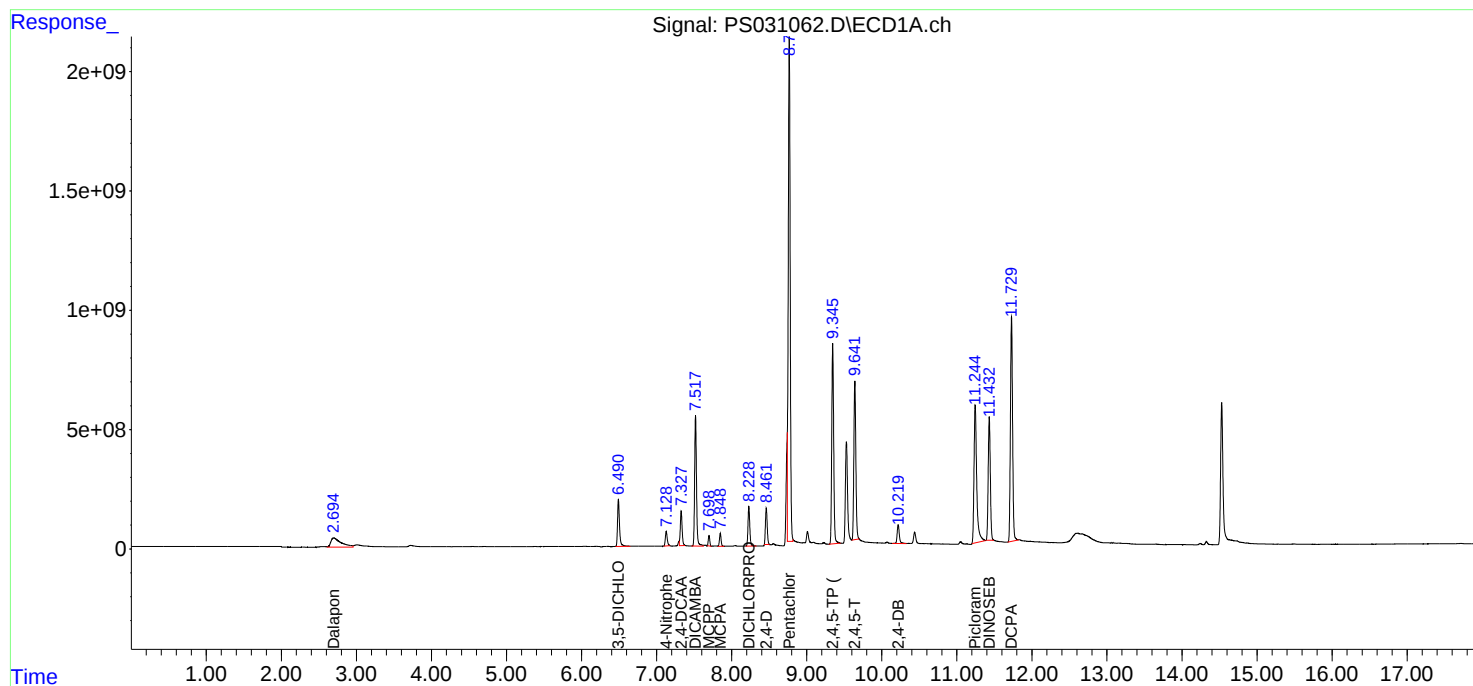
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

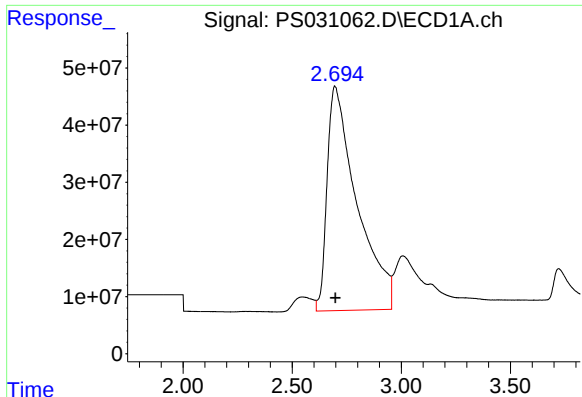
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 07:52:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 2025
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





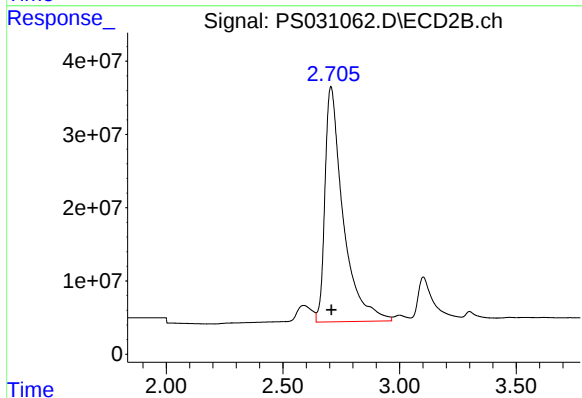
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.003 min
Response: 3725326518
Conc: 611.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

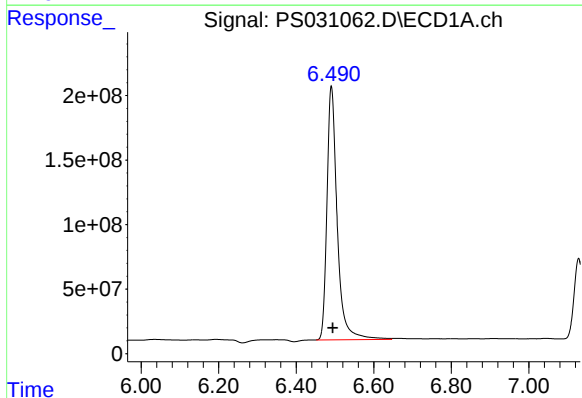
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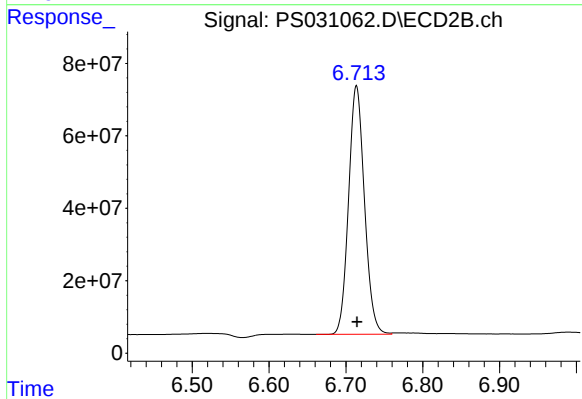
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.003 min
Response: 1737757894
Conc: 611.27 ng/ml



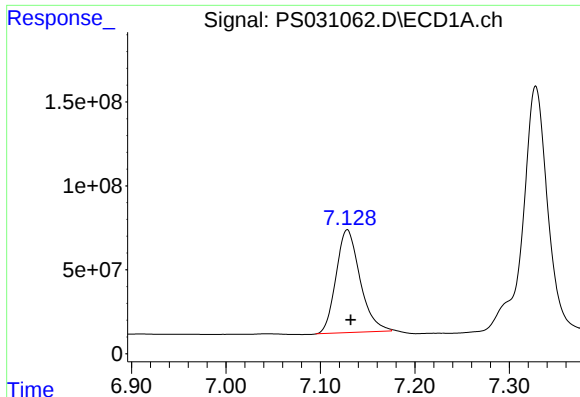
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 3624541031
Conc: 691.89 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 983849051
Conc: 634.60 ng/ml



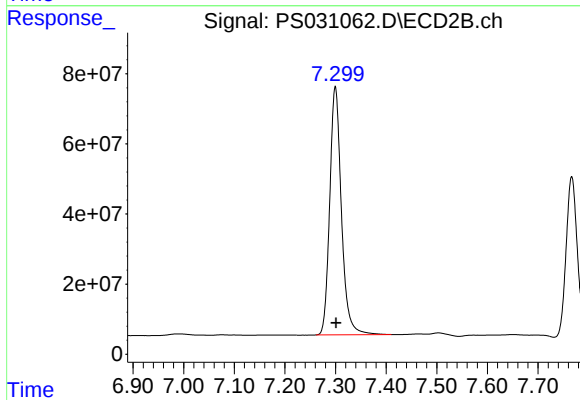
#3 4-Nitrophenol

R.T.: 7.128 min
Delta R.T.: -0.004 min
Response: 1082267233
Conc: 801.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

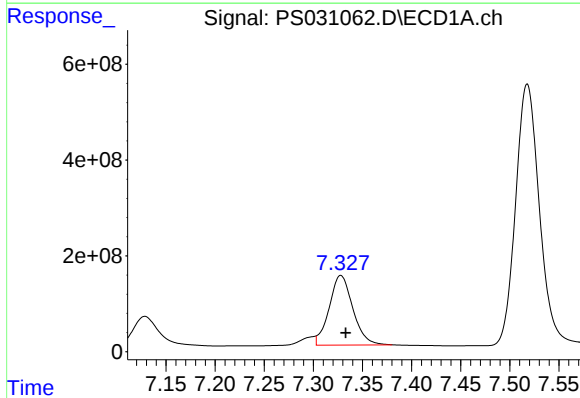
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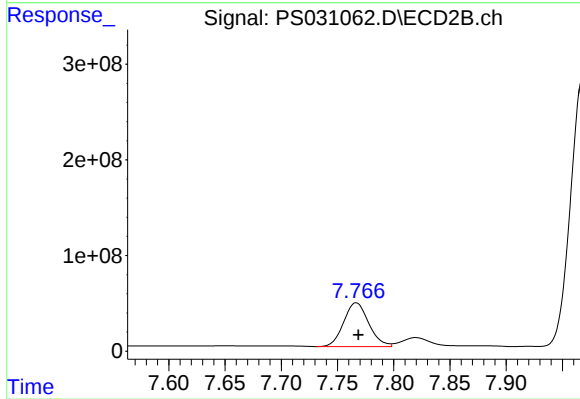
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.002 min
Response: 1136189637
Conc: 651.53 ng/ml



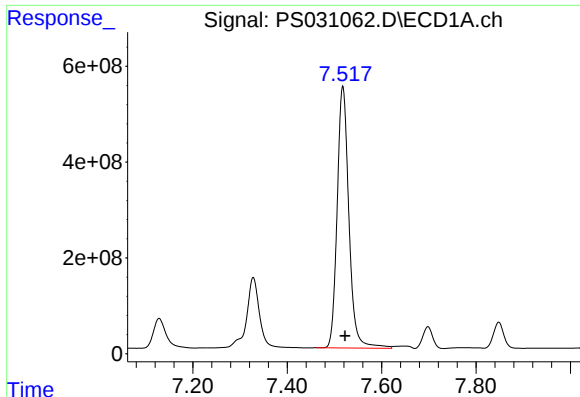
#4 2,4-DCAA

R.T.: 7.327 min
Delta R.T.: -0.006 min
Response: 2436984301
Conc: 616.17 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 710668082
Conc: 685.95 ng/ml



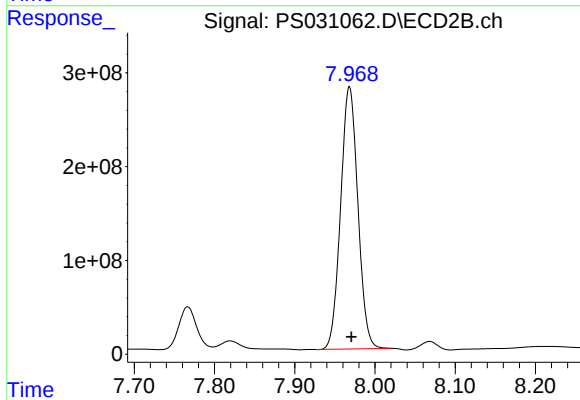
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.005 min
Response: 9431257852
Conc: 601.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

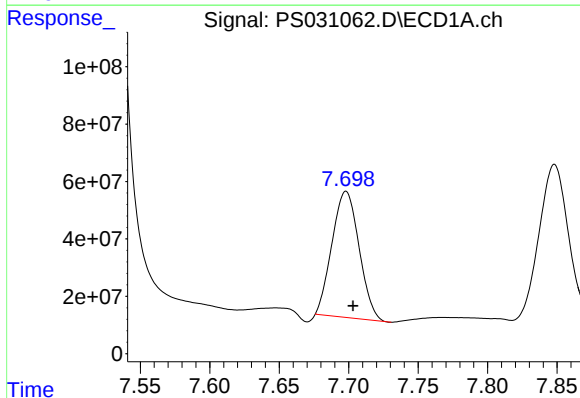
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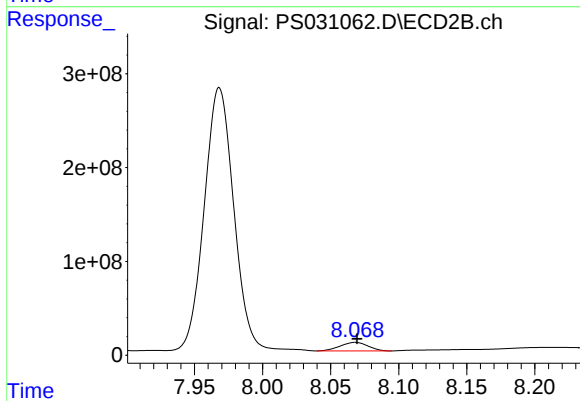
#5 DICAMBA

R.T.: 7.968 min
Delta R.T.: -0.002 min
Response: 4182770090
Conc: 645.85 ng/ml



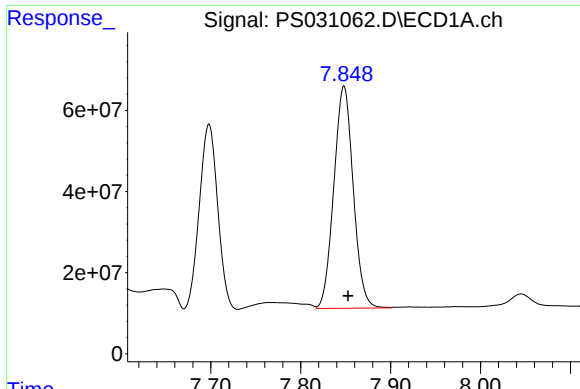
#6 MCP

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 596017559
Conc: 64.78 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 128974225
Conc: 60.33 ug/ml



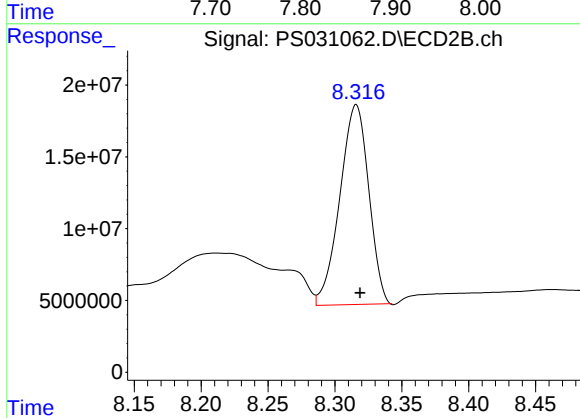
#7 MCPA

R.T.: 7.848 min
Delta R.T.: -0.005 min
Response: 822128437
Conc: 75.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

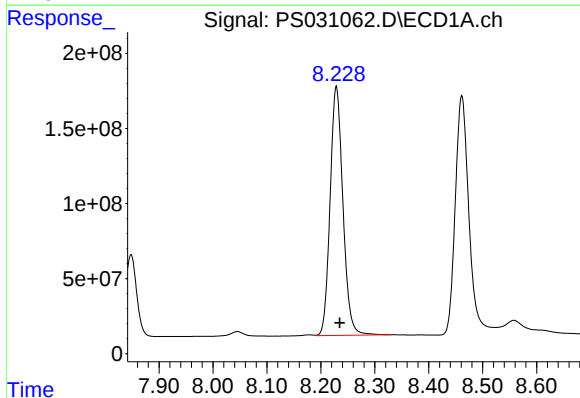
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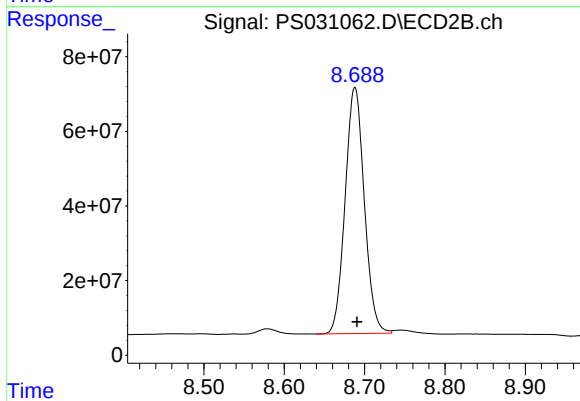
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 209115670
Conc: 65.23 ug/ml m



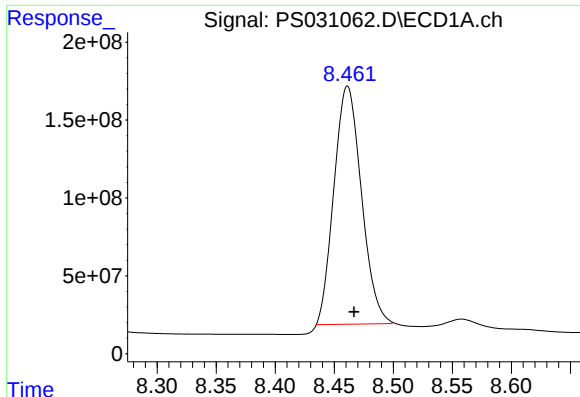
#8 DICHLORPROP

R.T.: 8.229 min
Delta R.T.: -0.006 min
Response: 2735681528
Conc: 803.39 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.003 min
Response: 1094919008
Conc: 720.69 ng/ml



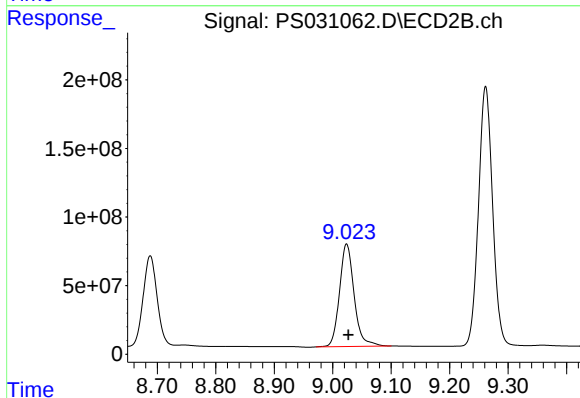
#9 2,4-D

R.T.: 8.461 min
Delta R.T.: -0.006 min
Response: 2473553149
Conc: 803.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

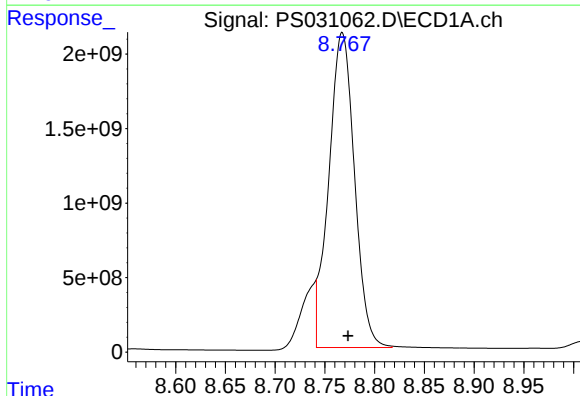
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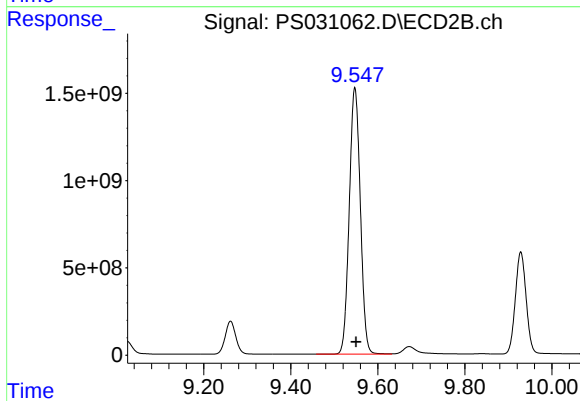
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.003 min
Response: 1299918693
Conc: 764.90 ng/ml



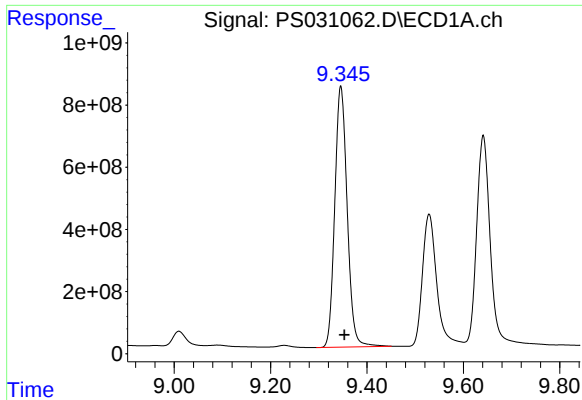
#10 Pentachlorophenol

R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 37872176485
Conc: 753.50 ng/ml m



#10 Pentachlorophenol

R.T.: 9.547 min
Delta R.T.: -0.003 min
Response: 26975043629
Conc: 700.01 ng/ml



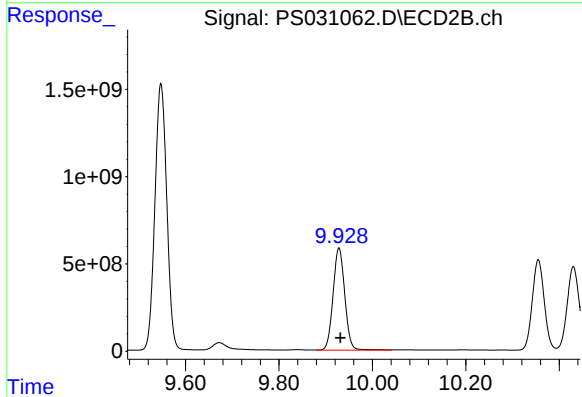
#11 2,4,5-TP (SILVEX)

R.T.: 9.346 min
Delta R.T.: -0.007 min
Response: 14947912740
Conc: 803.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

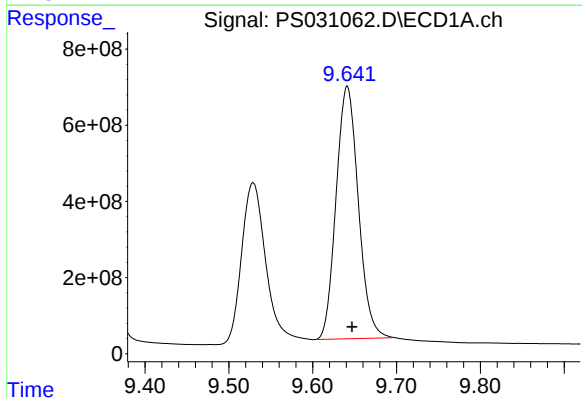
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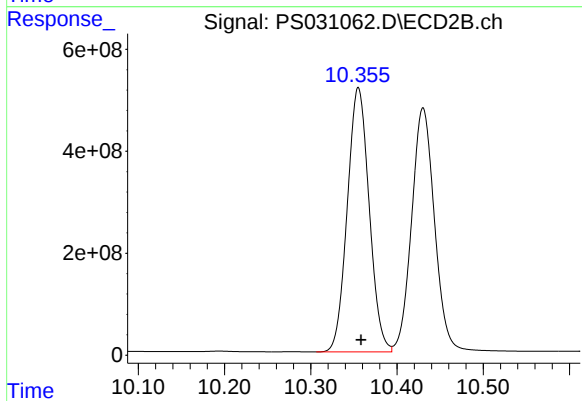
#11 2,4,5-TP (SILVEX)

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 10185873184
Conc: 694.06 ng/ml



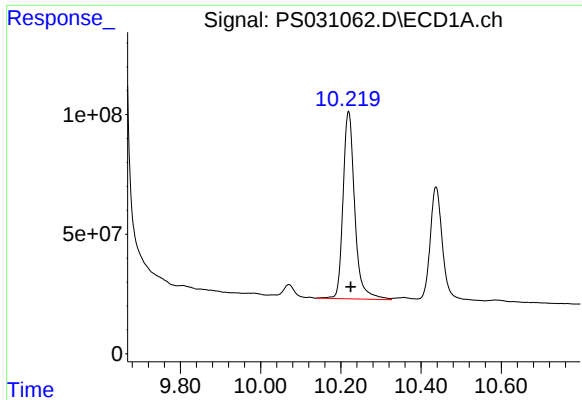
#12 2,4,5-T

R.T.: 9.641 min
Delta R.T.: -0.006 min
Response: 12223172761
Conc: 803.45 ng/ml m



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 9153251857
Conc: 654.19 ng/ml



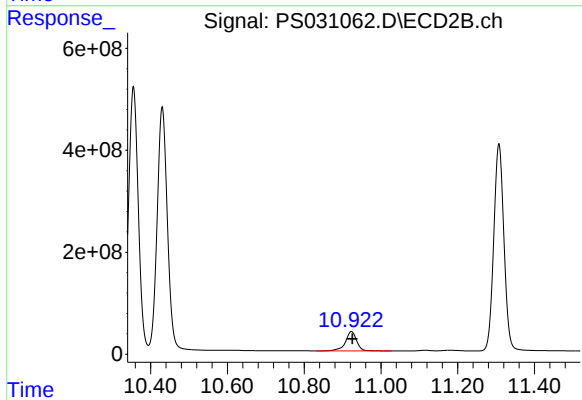
#13 2,4-DB

R.T.: 10.219 min
Delta R.T.: -0.006 min
Response: 1587001771
Conc: 731.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

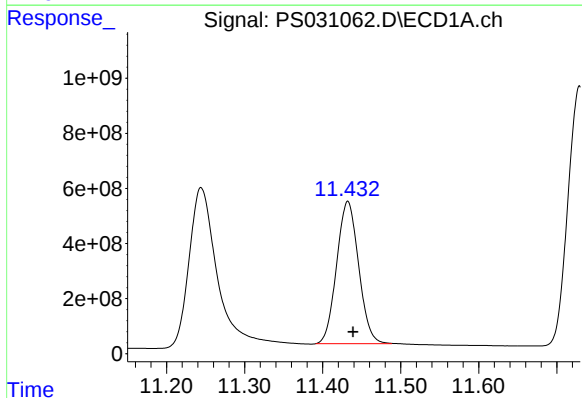
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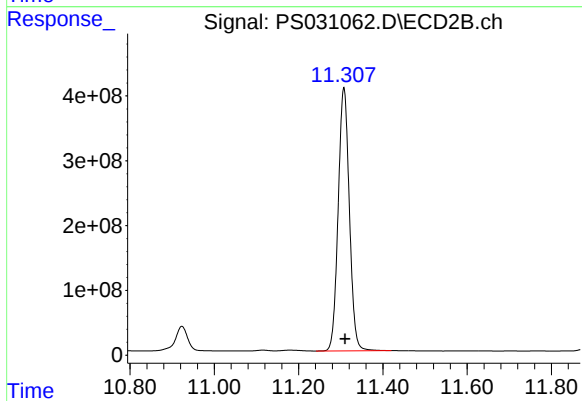
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: -0.003 min
Response: 772278894
Conc: 652.71 ng/ml



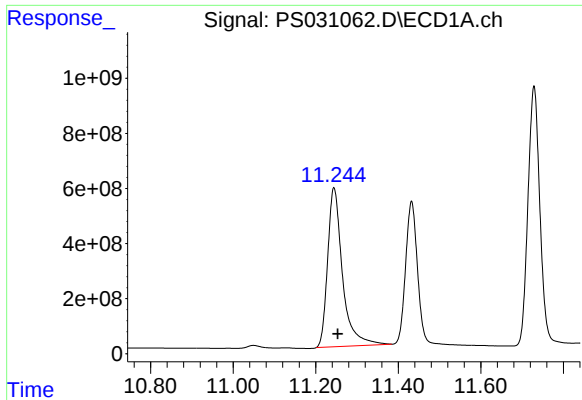
#14 DINOSEB

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 10122534116
Conc: 767.79 ng/ml m



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.003 min
Response: 7469661453
Conc: 658.03 ng/ml



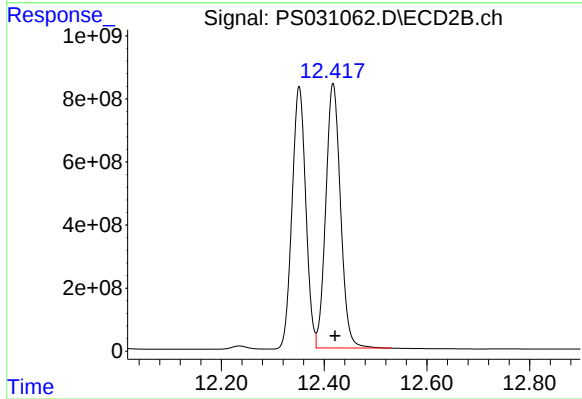
#15 Picloram

R.T.: 11.244 min
Delta R.T.: -0.009 min
Response: 14416752728
Conc: 989.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

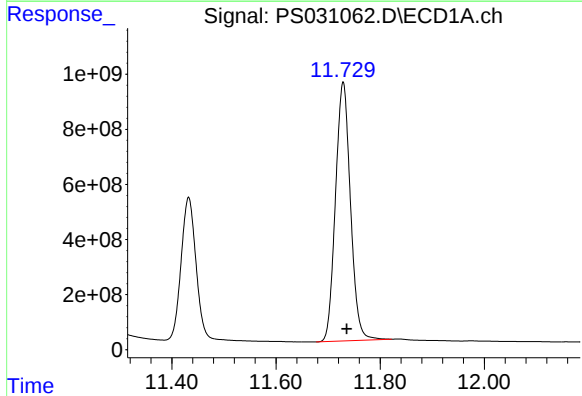
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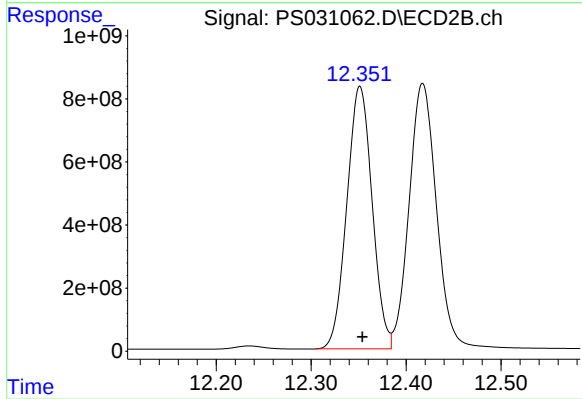
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.004 min
Response: 16694599943
Conc: 710.99 ng/ml



#16 DCPA

R.T.: 11.729 min
Delta R.T.: -0.007 min
Response: 18757483441
Conc: 783.61 ng/ml m



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.003 min
Response: 15455904289
Conc: 685.35 ng/ml m