

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072325\
 Data File : PS031202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2025 19:14
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/24/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 01:23:55 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	7.764	3437.4E6	795.3E6	790.522	783.547
Target Compounds							
1) T	Dalapon	2.690	2.705	4150.6E6	1915.1E6	661.675	675.095
2) T	3,5-DICHL...	6.484	6.711	4029.1E6	1111.9E6	729.549	722.066
3) T	4-Nitroph...	7.120	7.297	1341.5E6	1307.9E6	813.621	722.888
5) T	DICAMBA	7.510	7.967	12382.3E6	4875.0E6	750.581	755.417
6) T	MCPD	7.692	8.066	790.0E6	156.9E6	78.920	75.508
7) T	MCPA	7.841	8.315	983.8E6	238.7E6	78.613	75.666
8) T	DICHLORPROP	8.221	8.685	2840.1E6	1108.9E6	743.095	731.997
9) T	2,4-D	8.452	9.021	2921.2E6	1254.3E6	782.140	738.569
10) T	Pentachlo...	8.762	9.545	43362.6E6	30334.5E6	793.874	776.191
11) T	2,4,5-TP ...	9.337	9.926	16967.8E6	11192.4E6	772.895	751.462
12) T	2,4,5-T	9.630	10.352	16059.5E6	10724.1E6	822.394	754.187
13) T	2,4-DB	10.206	10.920	2539.1E6	886.6E6	849.242m	757.478
14) T	DINOSEB	11.421	11.305	11548.9E6	8147.3E6	741.764m	720.867
15) T	Picloram	11.231	12.415	17723.8E6	19303.5E6	885.899	775.397
16) T	DCPA	11.718	12.348	22118.9E6	17777.8E6	770.867	771.740m

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

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Acq On : 23 Jul 2025 19:14
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

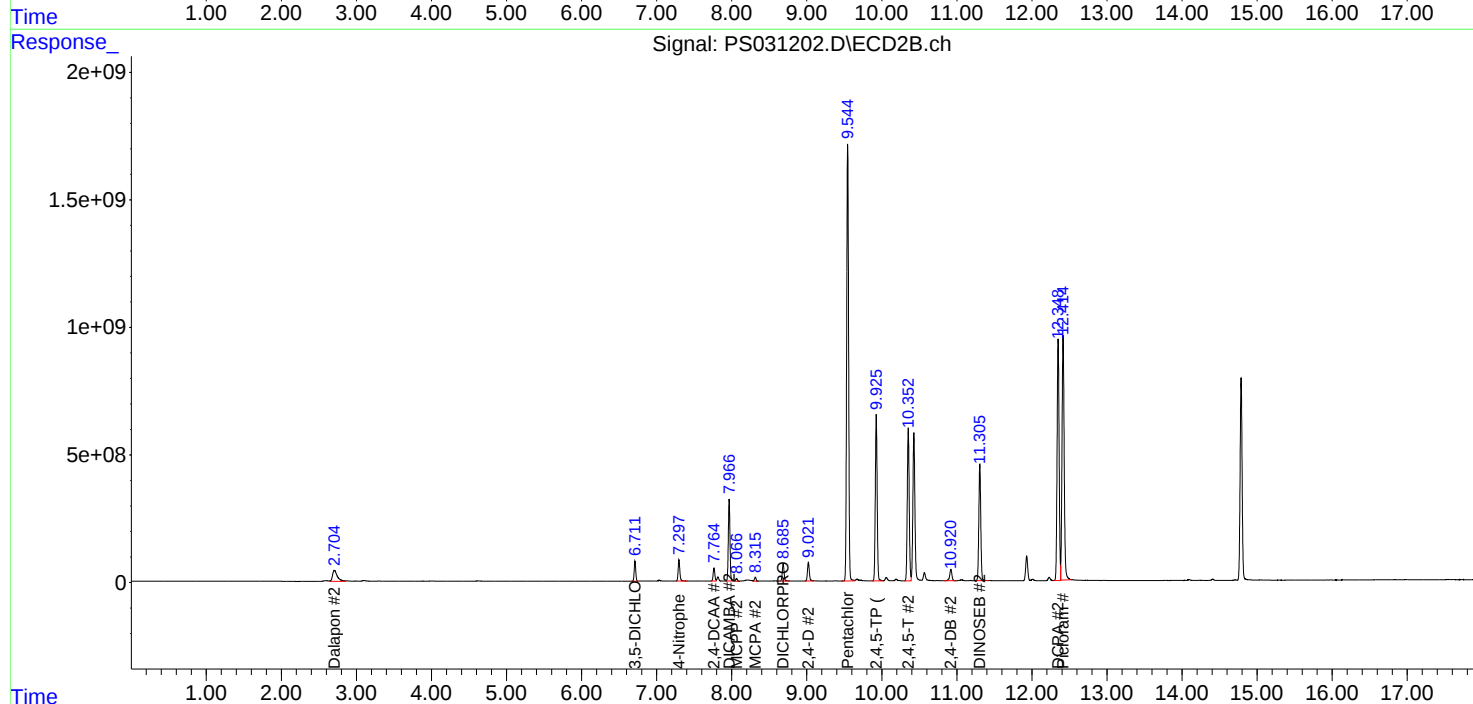
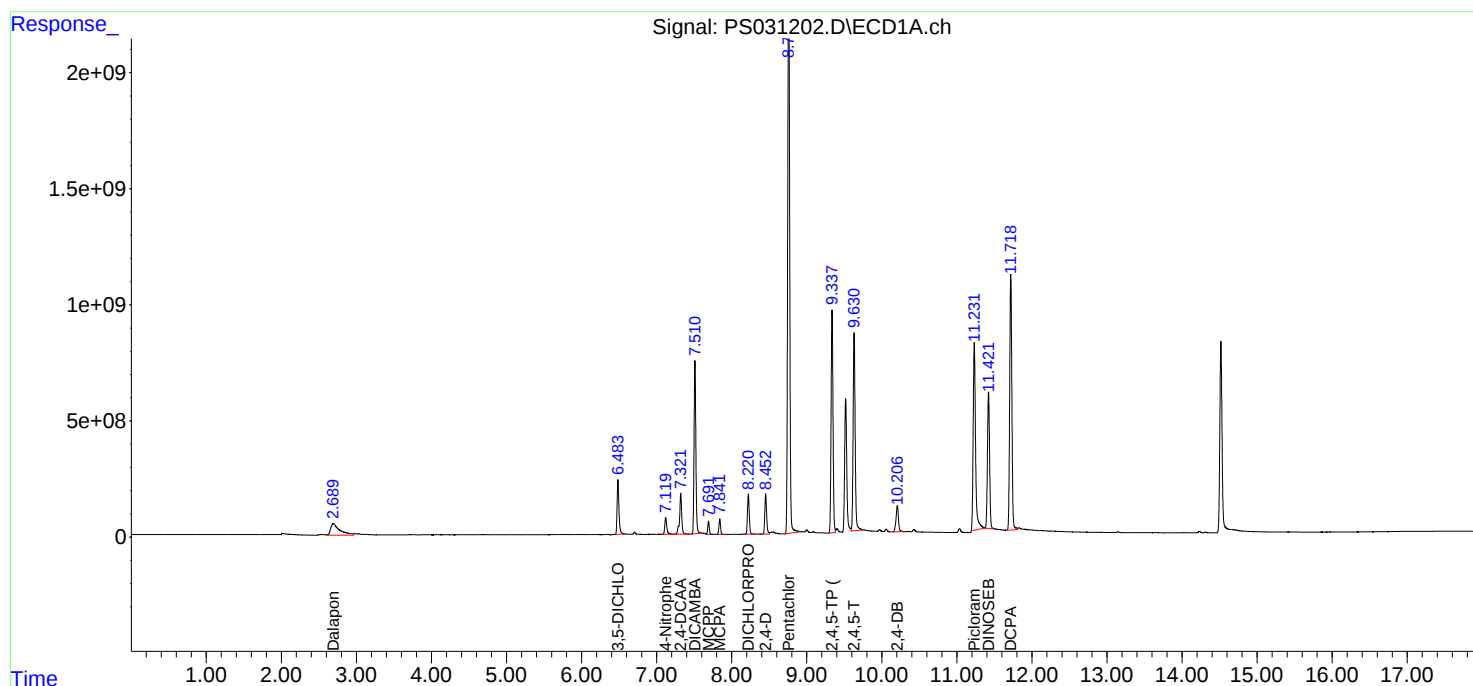
Instrument :
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ClientSampleId :
HSTDCCC750

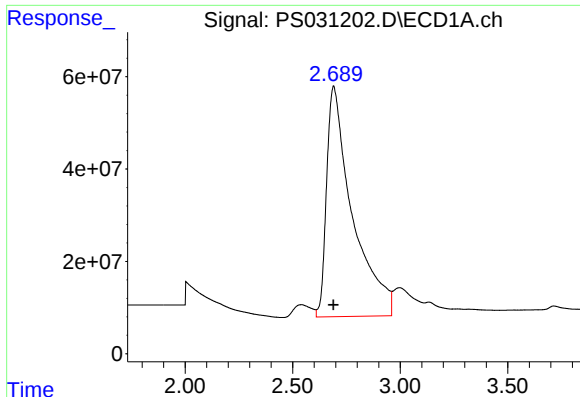
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
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QLast Update : Tue Jul 22 03:18:42 2025
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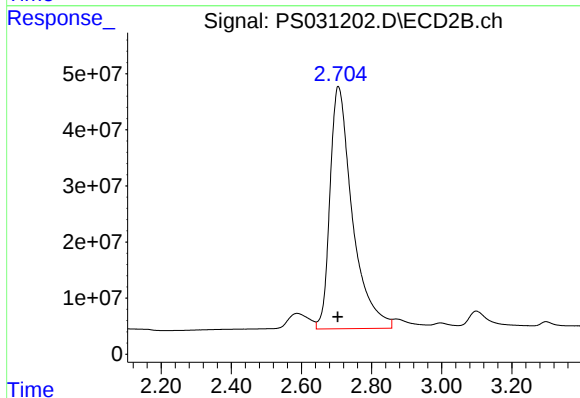
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 4150623593
Conc: 661.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

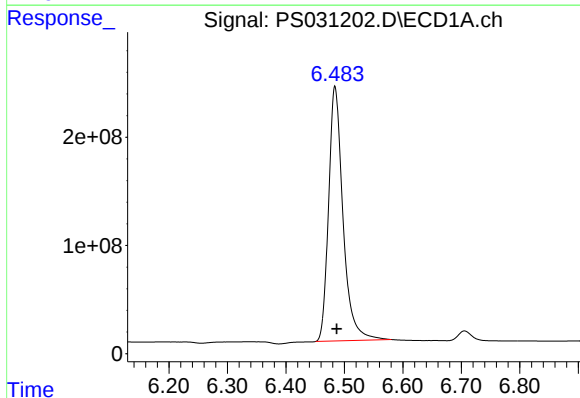
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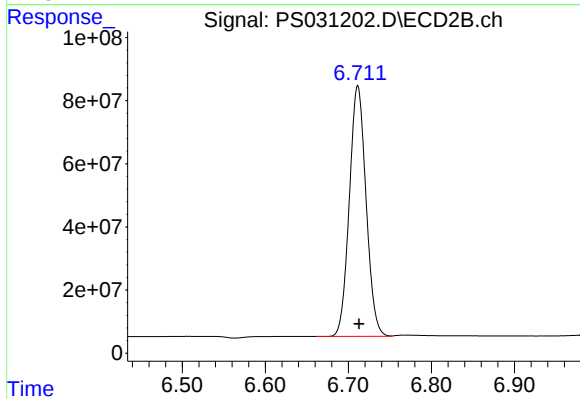
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: 0.001 min
Response: 1915070239
Conc: 675.10 ng/ml



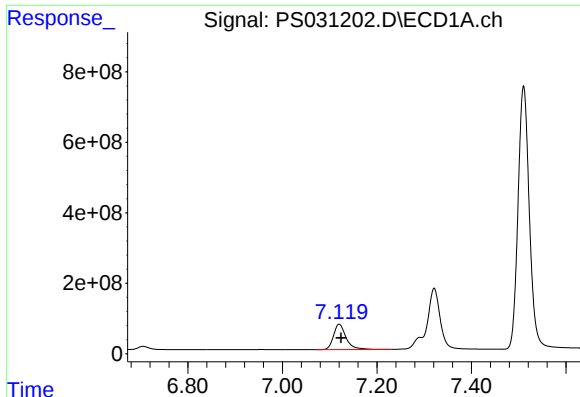
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 4029115455
Conc: 729.55 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 1111906109
Conc: 722.07 ng/ml



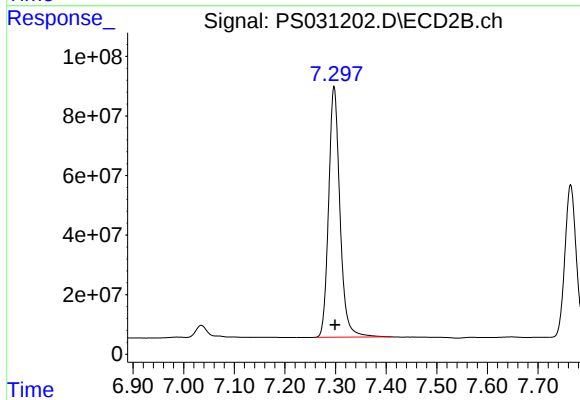
#3 4-Nitrophenol

R.T.: 7.120 min
Delta R.T.: -0.004 min
Response: 1341485608
Conc: 813.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

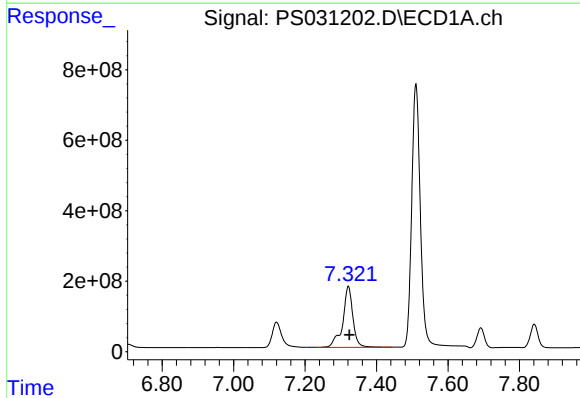
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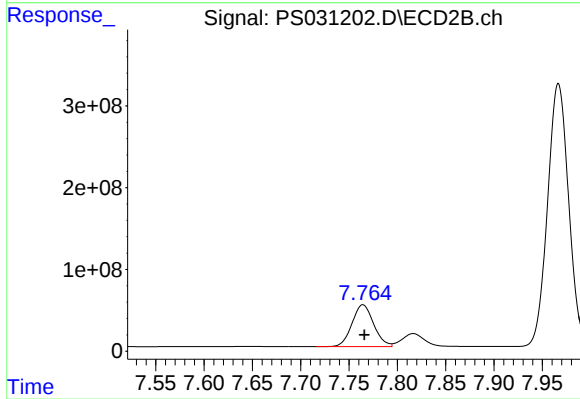
#3 4-Nitrophenol

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 1307934163
Conc: 722.89 ng/ml



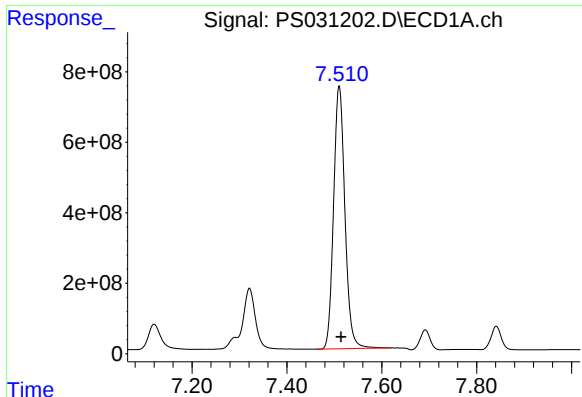
#4 2,4-DCAA

R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 3437389369
Conc: 790.52 ng/ml



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 795275097
Conc: 783.55 ng/ml



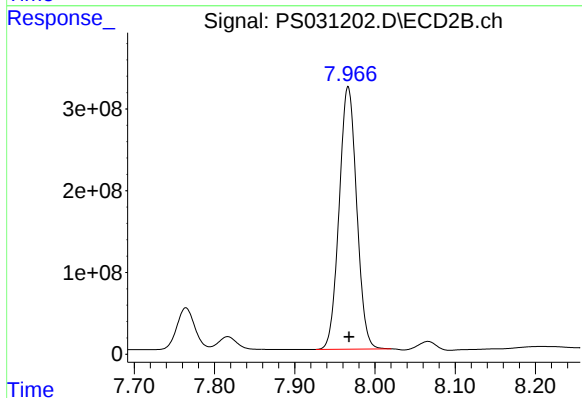
#5 DICAMBA

R.T.: 7.510 min
Delta R.T.: -0.004 min
Response: 12382312070
Conc: 750.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

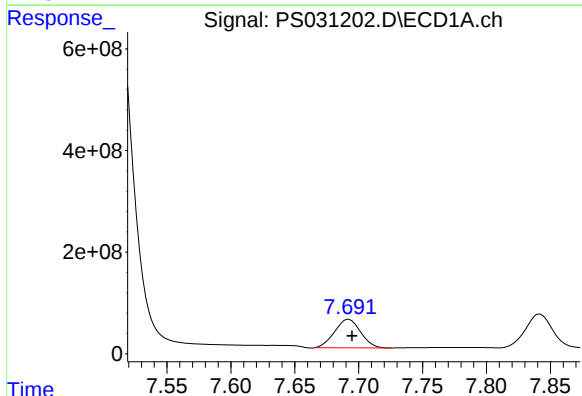
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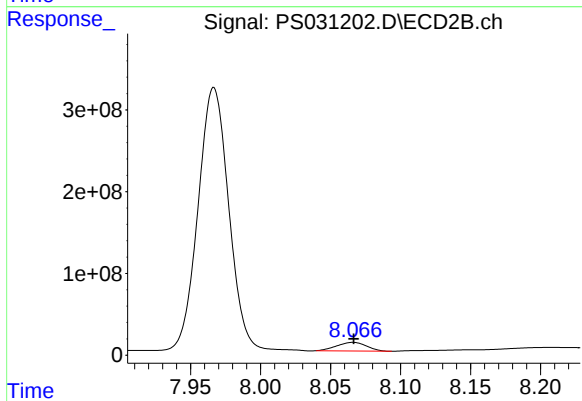
#5 DICAMBA

R.T.: 7.967 min
Delta R.T.: -0.001 min
Response: 4874983674
Conc: 755.42 ng/ml



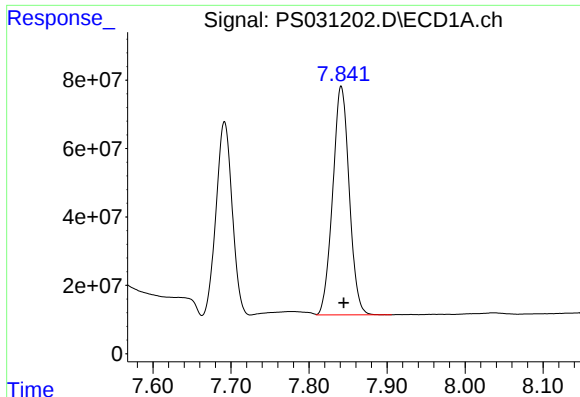
#6 MCP

R.T.: 7.692 min
Delta R.T.: -0.003 min
Response: 789993130
Conc: 78.92 ug/ml



#6 MCP

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 156890156
Conc: 75.51 ug/ml



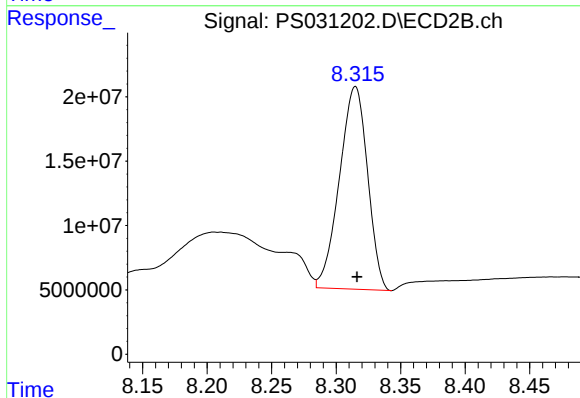
#7 MCPA

R.T.: 7.841 min
Delta R.T.: -0.003 min
Response: 983779212
Conc: 78.61 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

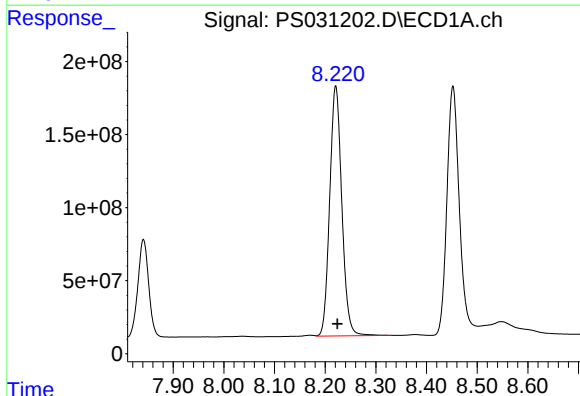
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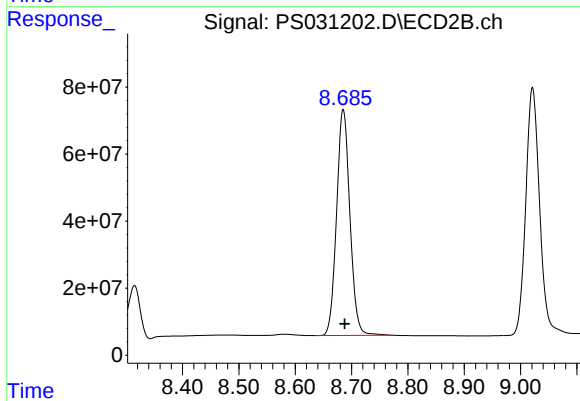
#7 MCPA

R.T.: 8.315 min
Delta R.T.: -0.001 min
Response: 238743196
Conc: 75.67 ug/ml



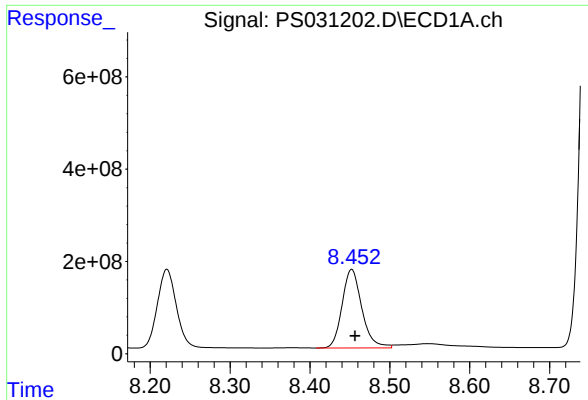
#8 DICHLORPROP

R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 2840077335
Conc: 743.10 ng/ml



#8 DICHLORPROP

R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 1108874011
Conc: 732.00 ng/ml



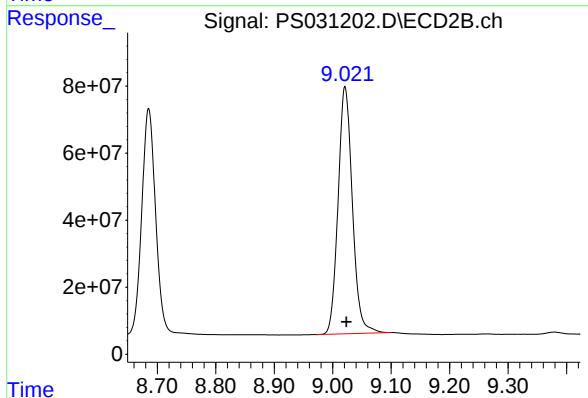
#9 2,4-D

R.T.: 8.452 min
Delta R.T.: -0.004 min
Response: 2921227207
Conc: 782.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

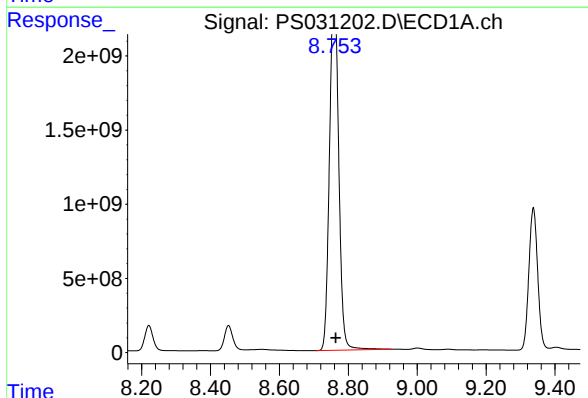
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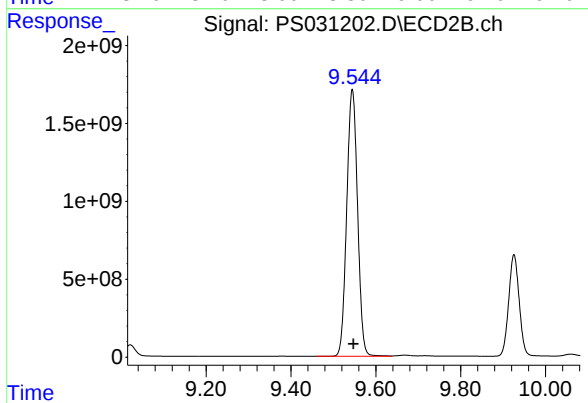
#9 2,4-D

R.T.: 9.021 min
Delta R.T.: -0.003 min
Response: 1254326336
Conc: 738.57 ng/ml



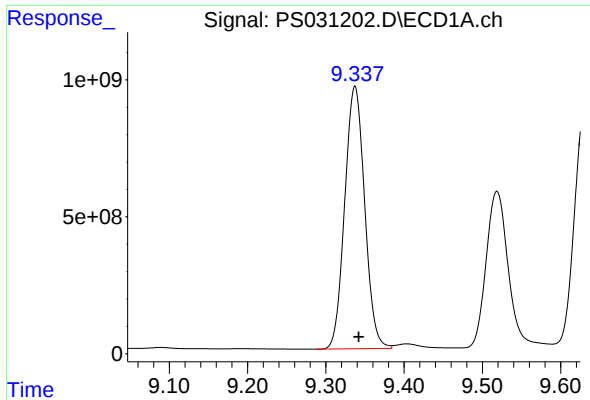
#10 Pentachlorophenol

R.T.: 8.762 min
Delta R.T.: -0.002 min
Response: 43362647638
Conc: 793.87 ng/ml



#10 Pentachlorophenol

R.T.: 9.545 min
Delta R.T.: -0.003 min
Response: 30334488674
Conc: 776.19 ng/ml



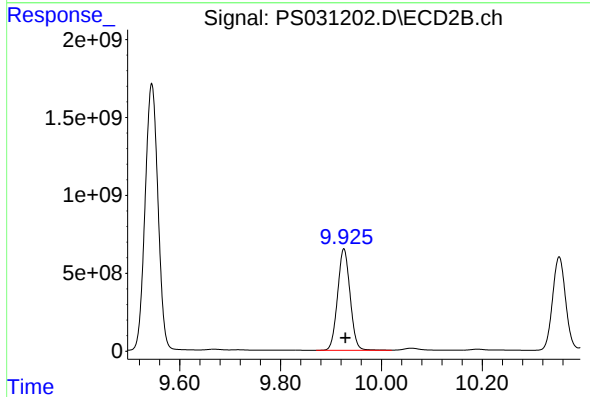
#11 2,4,5-TP (SILVEX)

R.T.: 9.337 min
Delta R.T.: -0.005 min
Response: 16967810559
Conc: 772.90 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

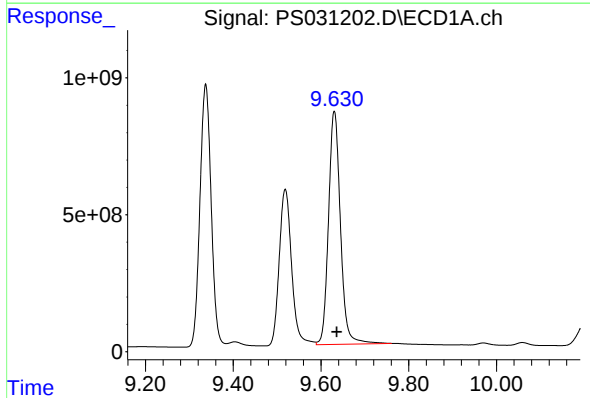
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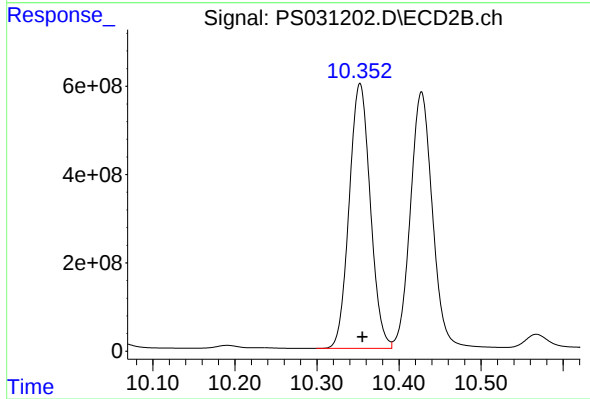
#11 2,4,5-TP (SILVEX)

R.T.: 9.926 min
Delta R.T.: -0.003 min
Response: 11192414211
Conc: 751.46 ng/ml



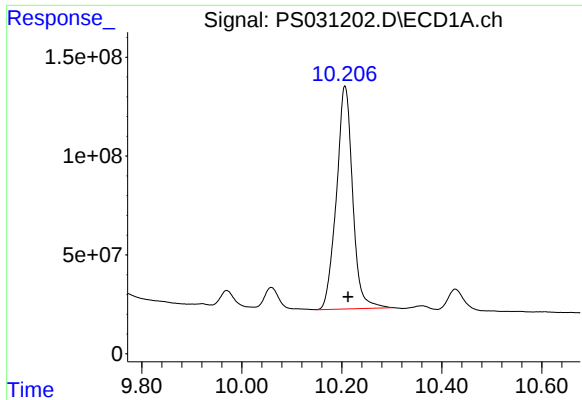
#12 2,4,5-T

R.T.: 9.630 min
Delta R.T.: -0.006 min
Response: 16059537562
Conc: 822.39 ng/ml



#12 2,4,5-T

R.T.: 10.352 min
Delta R.T.: -0.003 min
Response: 10724134366
Conc: 754.19 ng/ml



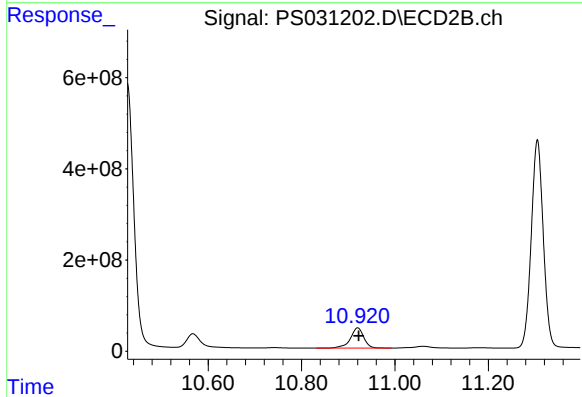
#13 2,4-DB

R.T.: 10.206 min
Delta R.T.: -0.007 min
Response: 2539133795
Conc: 849.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

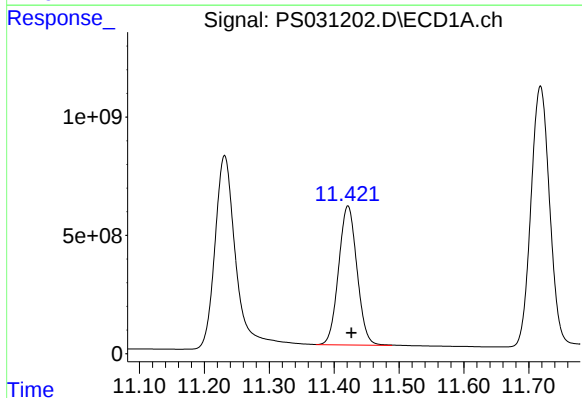
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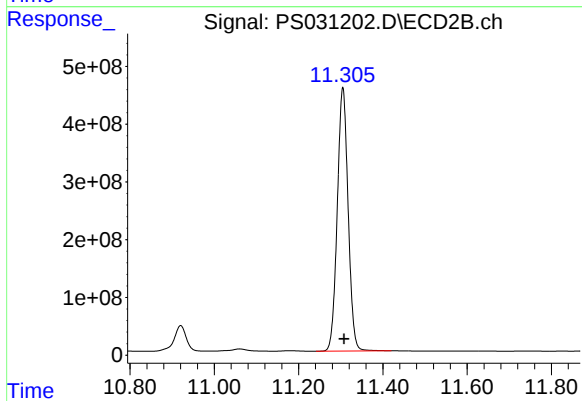
#13 2,4-DB

R.T.: 10.920 min
Delta R.T.: -0.003 min
Response: 886636203
Conc: 757.48 ng/ml



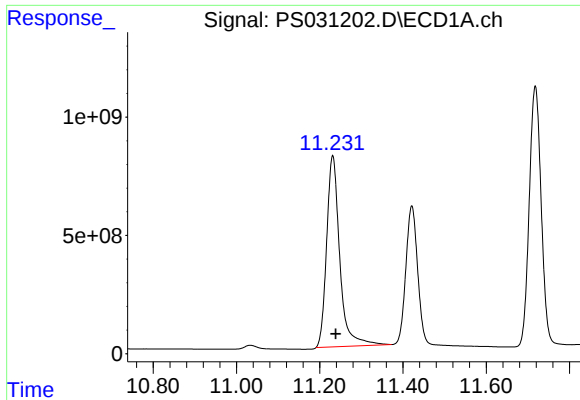
#14 DINOSEB

R.T.: 11.421 min
Delta R.T.: -0.006 min
Response: 11548889564
Conc: 741.76 ng/ml m



#14 DINOSEB

R.T.: 11.305 min
Delta R.T.: -0.003 min
Response: 8147297655
Conc: 720.87 ng/ml



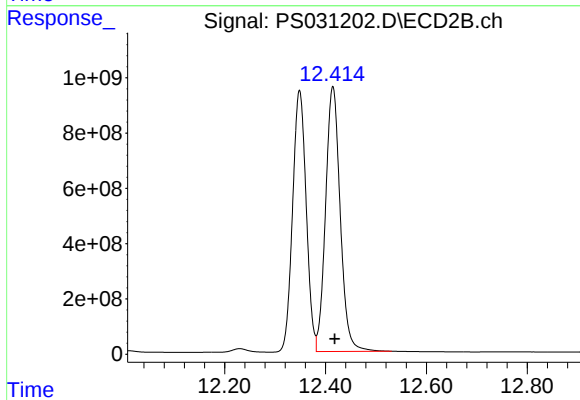
#15 Picloram

R.T.: 11.231 min
Delta R.T.: -0.007 min
Response: 17723814588
Conc: 885.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

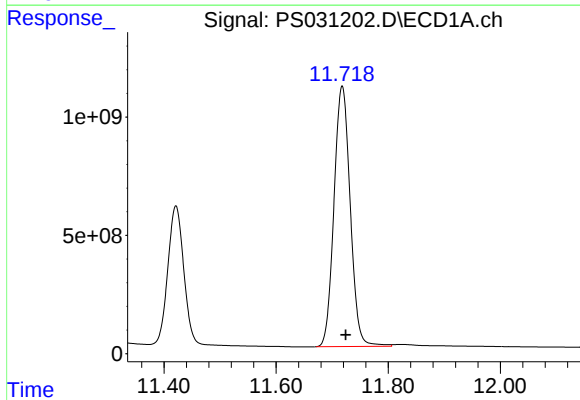
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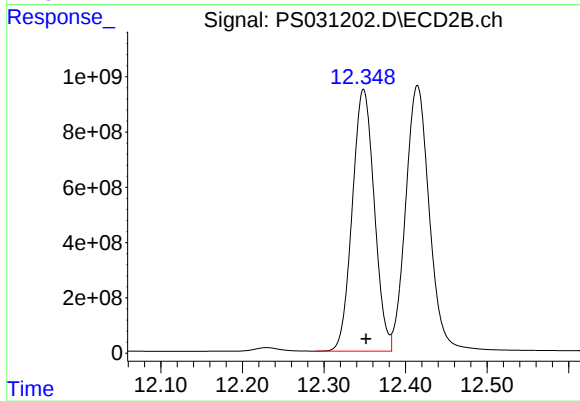
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.004 min
Response: 19303528903
Conc: 775.40 ng/ml



#16 DCPA

R.T.: 11.718 min
Delta R.T.: -0.006 min
Response: 22118853941
Conc: 770.87 ng/ml



#16 DCPA

R.T.: 12.348 min
Delta R.T.: -0.004 min
Response: 17777823751
Conc: 771.74 ng/ml m