

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 22:05
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 03:13:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.308	7.760	2363.4E6	632.4E6	811.203	757.323
Target Compounds							
1) T	Dalapon	2.687	2.702	3362.0E6	1668.8E6	696.841	679.427
2) T	3,5-DICHL...	6.471	6.708	3279.1E6	934.1E6	769.224m	722.820
3) T	4-Nitroph...	7.109	7.300	802.5E6	879.9E6	788.170	681.606
5) T	DICAMBA	7.495	7.959	9526.9E6	3926.8E6	737.346	724.384
6) T	MCPD	7.674	8.057	652.7E6	137.3E6	81.150m	80.298m
7) T	MCPA	7.824	8.306	761.2E6	195.6E6	77.864	75.402
8) T	DICHLORPROP	8.204	8.679	2236.2E6	934.7E6	735.590	718.958
9) T	2,4-D	8.437	9.018	2050.7E6	1006.4E6	790.772	721.157
10) T	Pentachlo...	8.735	9.531	36630.4E6	25778.7E6	805.440	769.598
11) T	2,4,5-TP ...	9.317	9.917	13085.2E6	9392.2E6	785.369	739.383
12) T	2,4,5-T	9.611	10.345	11003.4E6	8652.8E6	827.278	741.798
13) T	2,4-DB	10.187	10.914	1461.6E6	697.5E6	836.501	722.114
14) T	DINOSEB	11.393	11.293	9132.3E6	6914.4E6	796.635	740.306
15) T	Picloram	11.214	12.411	9508.1E6	12868.9E6	811.987m	752.788
16) T	DCPA	11.692	12.336	17381.9E6	14067.8E6	838.241m	754.236

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

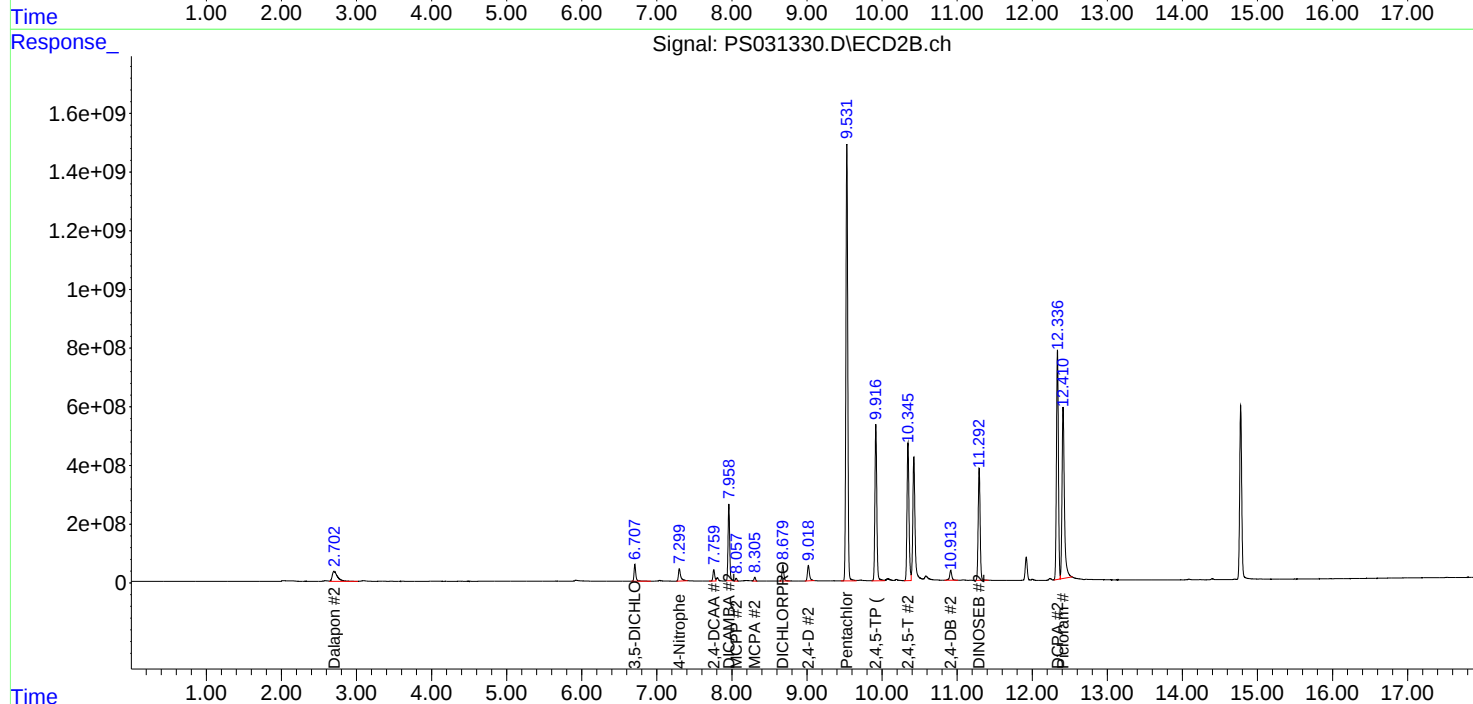
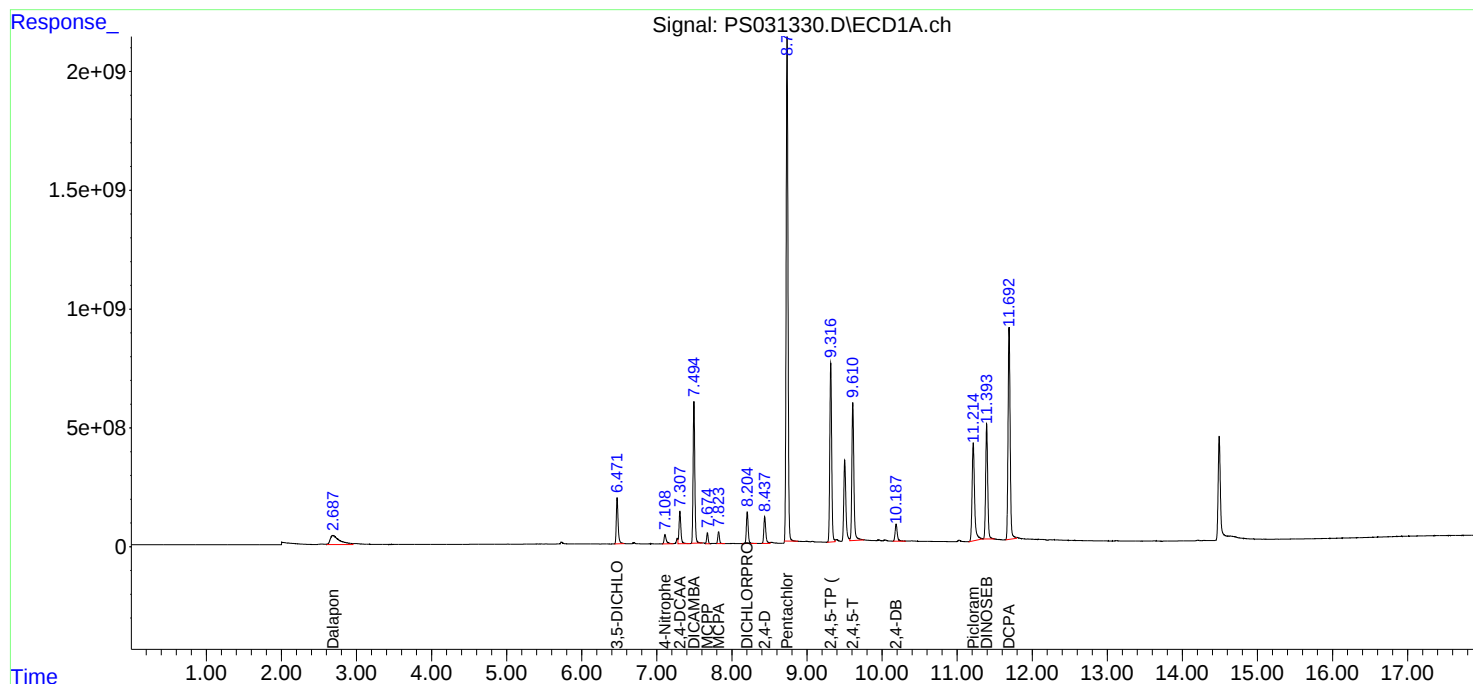
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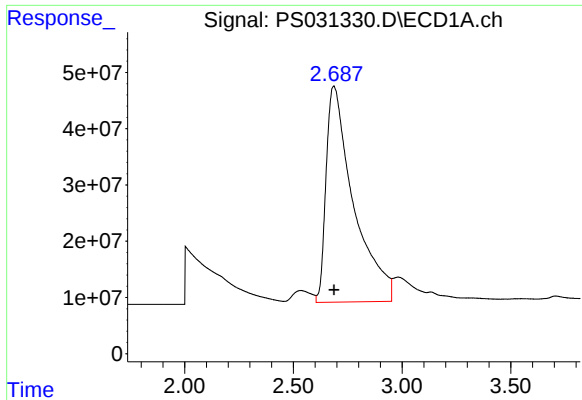
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Integration File signal 1: autoint1.e
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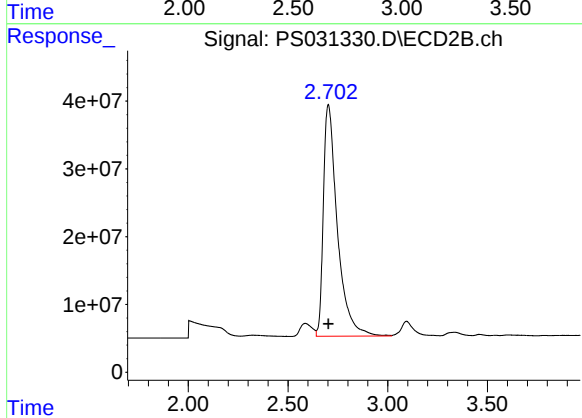
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 3361951686
Conc: 696.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

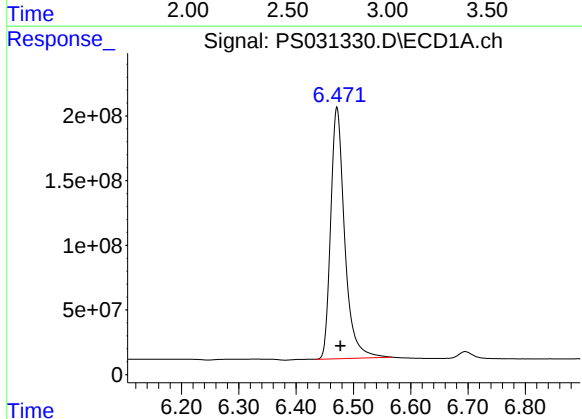
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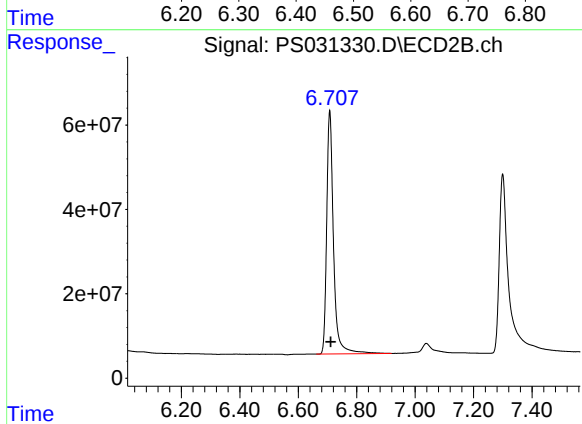
#1 Dalapon

R.T.: 2.702 min
Delta R.T.: -0.001 min
Response: 1668798361
Conc: 679.43 ng/ml



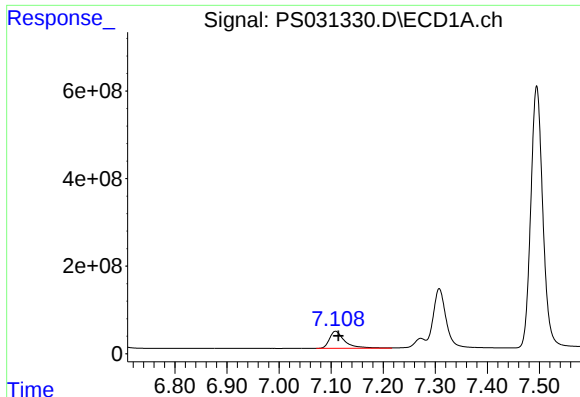
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 3279149976
Conc: 769.22 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 934079640
Conc: 722.82 ng/ml



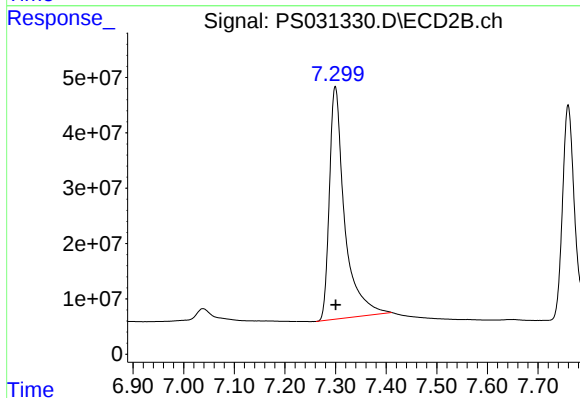
#3 4-Nitrophenol

R.T.: 7.109 min
Delta R.T.: -0.006 min
Response: 802515628
Conc: 788.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

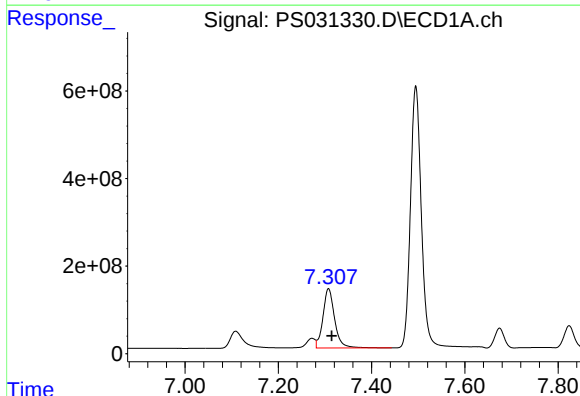
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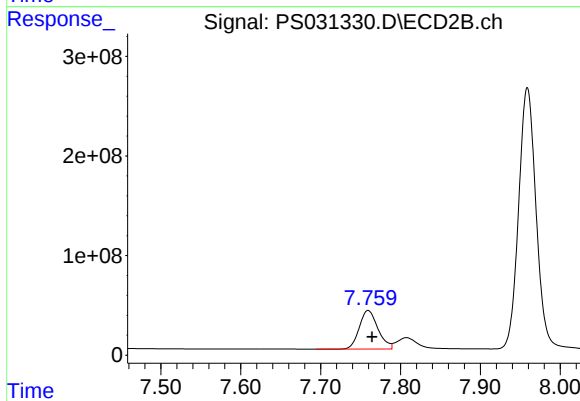
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 879893512
Conc: 681.61 ng/ml



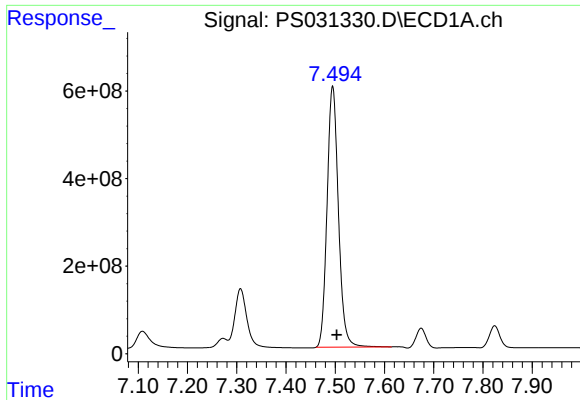
#4 2,4-DCAA

R.T.: 7.308 min
Delta R.T.: -0.007 min
Response: 2363361097
Conc: 811.20 ng/ml



#4 2,4-DCAA

R.T.: 7.760 min
Delta R.T.: -0.005 min
Response: 632425698
Conc: 757.32 ng/ml



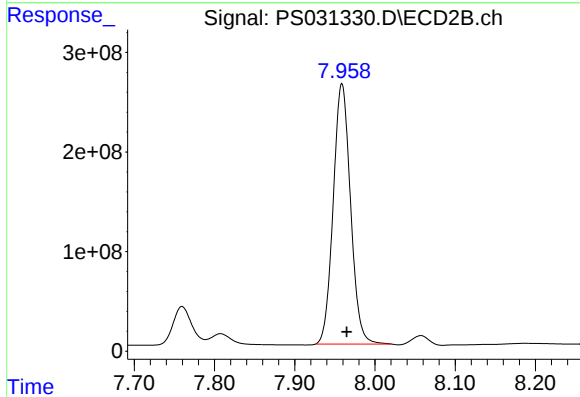
#5 DICAMBA

R.T.: 7.495 min
Delta R.T.: -0.008 min
Response: 9526940511
Conc: 737.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

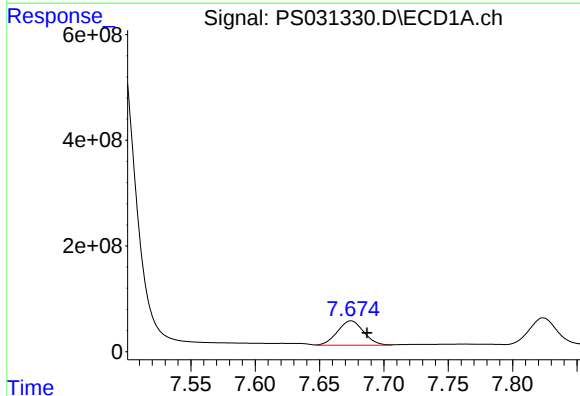
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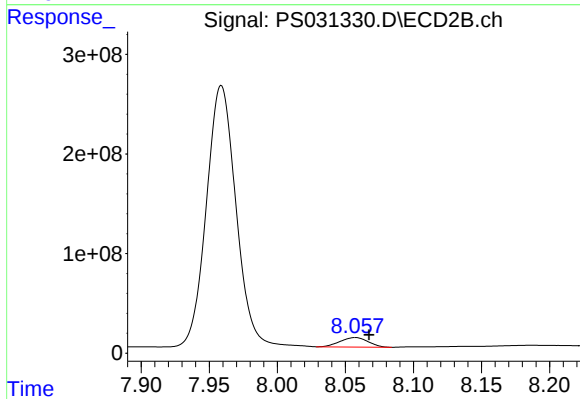
#5 DICAMBA

R.T.: 7.959 min
Delta R.T.: -0.006 min
Response: 3926776388
Conc: 724.38 ng/ml



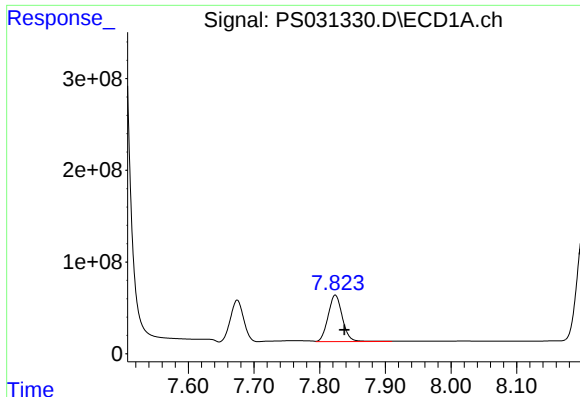
#6 MCPP

R.T.: 7.674 min
Delta R.T.: -0.013 min
Response: 652668919
Conc: 81.15 ug/ml m



#6 MCPP

R.T.: 8.057 min
Delta R.T.: -0.010 min
Response: 137260694
Conc: 80.30 ug/ml m



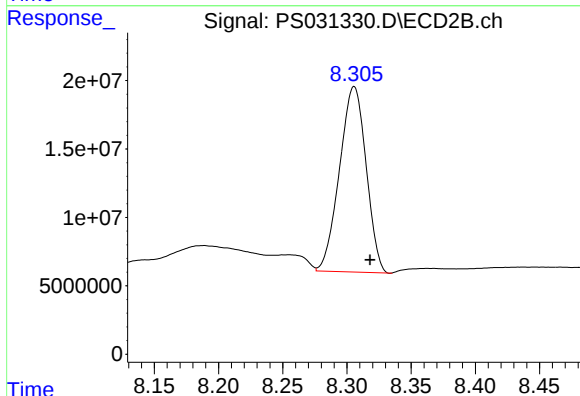
#7 MCPA

R.T.: 7.824 min
Delta R.T.: -0.014 min
Response: 761196449
Conc: 77.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

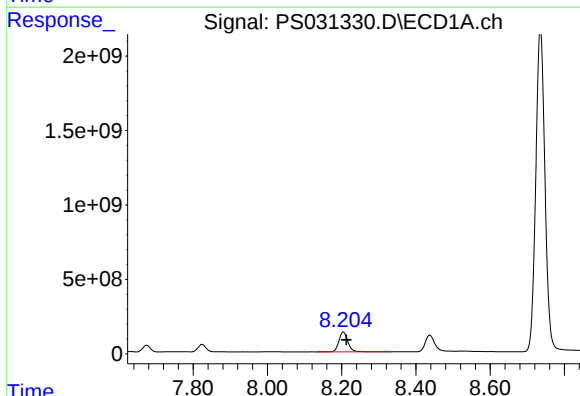
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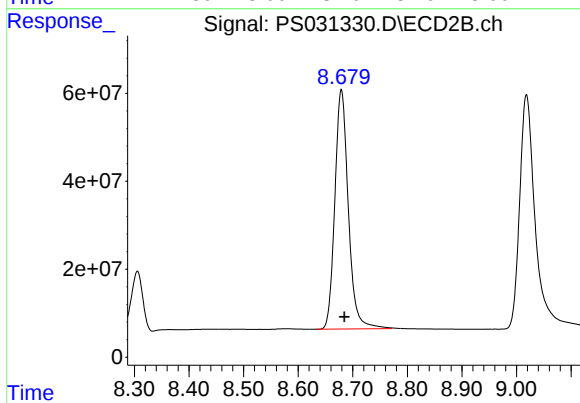
#7 MCPA

R.T.: 8.306 min
Delta R.T.: -0.013 min
Response: 195588858
Conc: 75.40 ug/ml



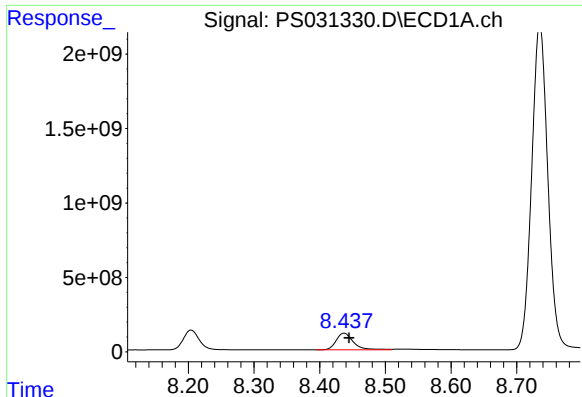
#8 DICHLORPROP

R.T.: 8.204 min
Delta R.T.: -0.009 min
Response: 2236203198
Conc: 735.59 ng/ml



#8 DICHLORPROP

R.T.: 8.679 min
Delta R.T.: -0.005 min
Response: 934686402
Conc: 718.96 ng/ml



#9 2,4-D

R.T.: 8.437 min
Delta R.T.: -0.008 min
Response: 2050741400
Conc: 790.77 ng/ml

Instrument :

ECD_S

ClientSampleId :

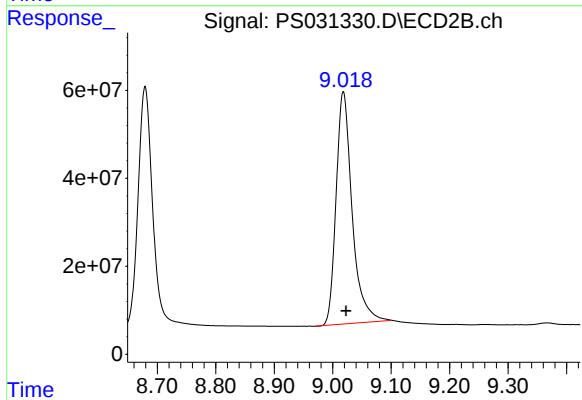
HSTDCCC750

Manual Integrations

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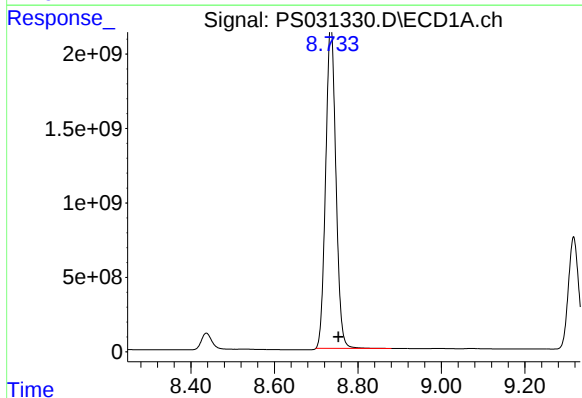
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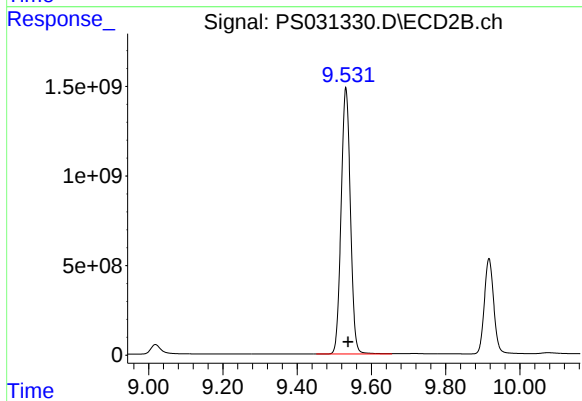
#9 2,4-D

R.T.: 9.018 min
Delta R.T.: -0.005 min
Response: 1006396576
Conc: 721.16 ng/ml



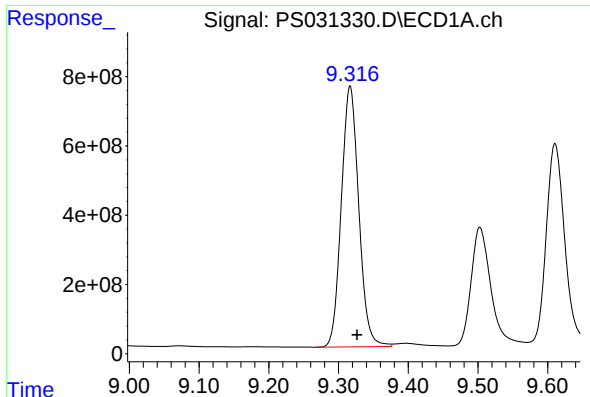
#10 Pentachlorophenol

R.T.: 8.735 min
Delta R.T.: -0.019 min
Response: 36630413351
Conc: 805.44 ng/ml



#10 Pentachlorophenol

R.T.: 9.531 min
Delta R.T.: -0.006 min
Response: 25778742725
Conc: 769.60 ng/ml



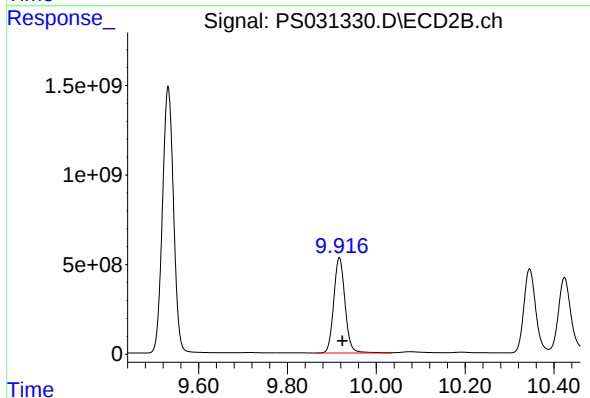
#11 2,4,5-TP (SILVEX)

R.T.: 9.317 min
Delta R.T.: -0.010 min
Response: 13085230322
Conc: 785.37 ng/ml

Instrument :
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ClientSampleId :
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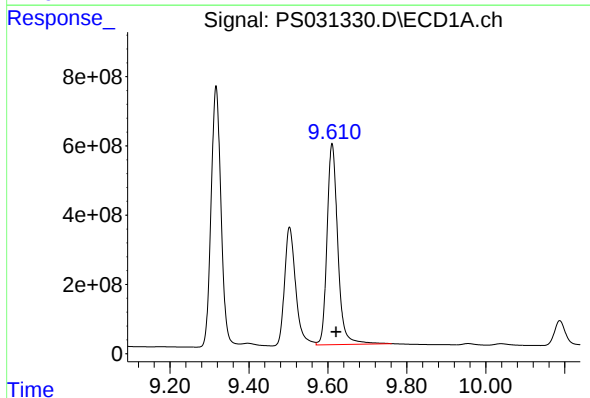
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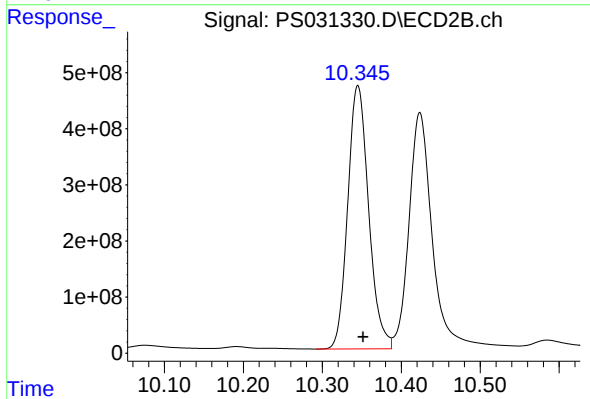
#11 2,4,5-TP (SILVEX)

R.T.: 9.917 min
Delta R.T.: -0.007 min
Response: 9392241010
Conc: 739.38 ng/ml



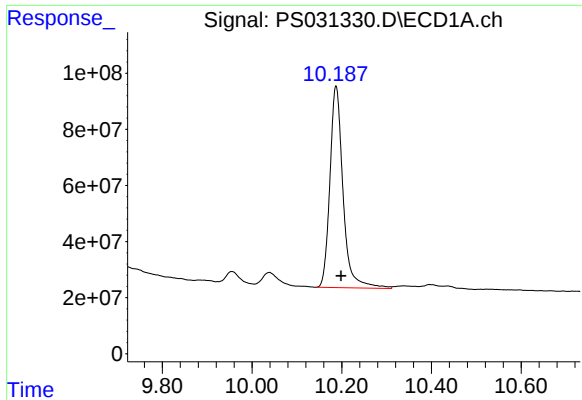
#12 2,4,5-T

R.T.: 9.611 min
Delta R.T.: -0.010 min
Response: 11003401096
Conc: 827.28 ng/ml



#12 2,4,5-T

R.T.: 10.345 min
Delta R.T.: -0.006 min
Response: 8652826301
Conc: 741.80 ng/ml



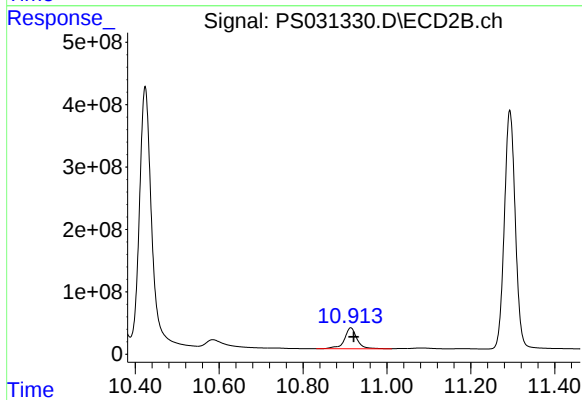
#13 2,4-DB

R.T.: 10.187 min
Delta R.T.: -0.011 min
Response: 1461579527
Conc: 836.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

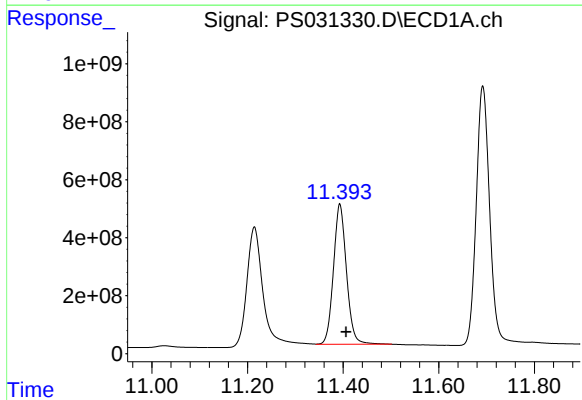
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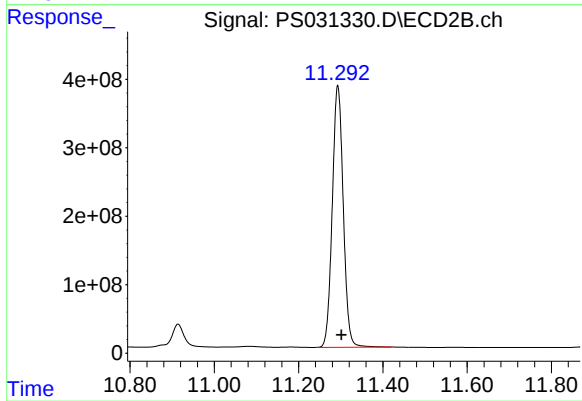
#13 2,4-DB

R.T.: 10.914 min
Delta R.T.: -0.007 min
Response: 697457890
Conc: 722.11 ng/ml



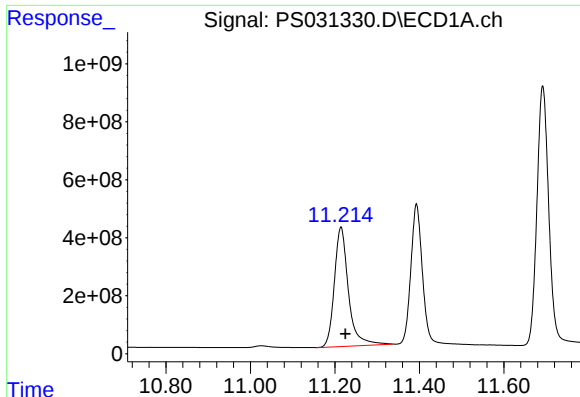
#14 DINOSEB

R.T.: 11.393 min
Delta R.T.: -0.013 min
Response: 9132257272
Conc: 796.63 ng/ml



#14 DINOSEB

R.T.: 11.293 min
Delta R.T.: -0.009 min
Response: 6914406841
Conc: 740.31 ng/ml



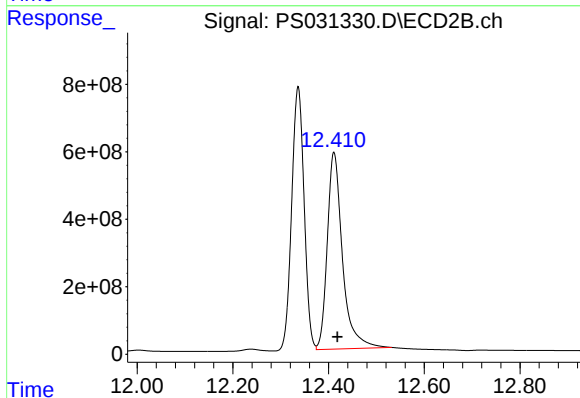
#15 Picloram

R.T.: 11.214 min
Delta R.T.: -0.011 min
Response: 9508061352
Conc: 811.99 ng/ml

Instrument :
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ClientSampleId :
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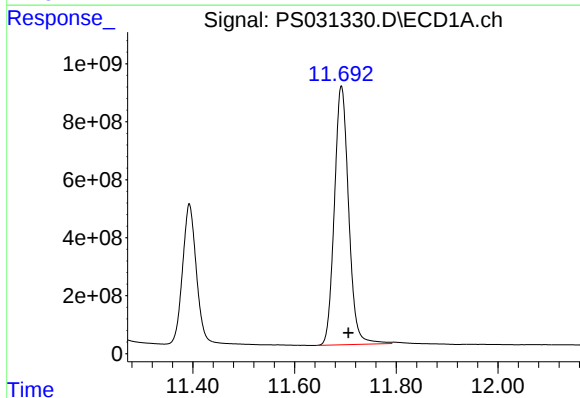
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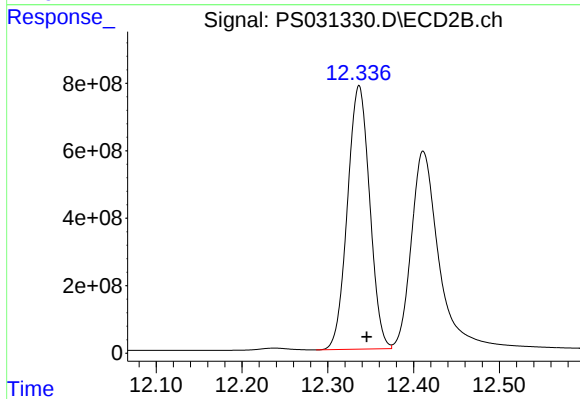
#15 Picloram

R.T.: 12.411 min
Delta R.T.: -0.007 min
Response: 12868860921
Conc: 752.79 ng/ml



#16 DCPA

R.T.: 11.692 min
Delta R.T.: -0.014 min
Response: 17381877260
Conc: 838.24 ng/ml m



#16 DCPA

R.T.: 12.336 min
Delta R.T.: -0.009 min
Response: 14067825237
Conc: 754.24 ng/ml