

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 09:04
 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

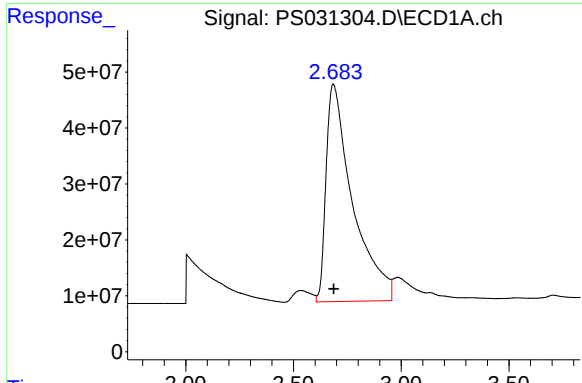
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 11:16:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	7.311	7.762	2244.2E6	605.3E6	770.295	724.832
Target Compounds							
1) T	Dalapon	2.683	2.702	3325.3E6	1638.0E6	689.241	666.882
2) T	3,5-DICHL...	6.473	6.710	3083.2E6	888.3E6	723.259m	687.411
3) T	4-Nitroph...	7.112	7.302	715.5E6	833.7E6	702.701	645.859
5) T	DICAMBA	7.498	7.962	9301.7E6	3742.0E6	719.917	690.292
6) T	MCPD	7.677	8.059	603.2E6	132.6E6	75.002m	77.601m
7) T	MCPA	7.828	8.308	709.7E6	187.7E6	72.597	72.342
8) T	DICHLORPROP	8.207	8.682	2119.7E6	883.3E6	697.279	679.416
9) T	2,4-D	8.440	9.022	1815.3E6	951.8E6	699.998	682.025
10) T	Pentachlo...	8.739	9.534	35318.8E6	24240.6E6	776.599	723.677
11) T	2,4,5-TP ...	9.321	9.920	12070.2E6	8948.9E6	724.449	704.485
12) T	2,4,5-T	9.616	10.349	9484.4E6	8110.3E6	713.074	695.288
13) T	2,4-DB	10.192	10.918	1224.3E6	655.5E6	700.713	678.701
14) T	DINOSEB	11.398	11.297	8031.6E6	6376.5E6	700.619	682.710
15) T	Picloram	11.221	12.418	7808.1E6	11188.2E6	666.808	654.472
16) T	DCPA	11.698	12.341	15149.9E6	13303.8E6	730.604	713.272

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



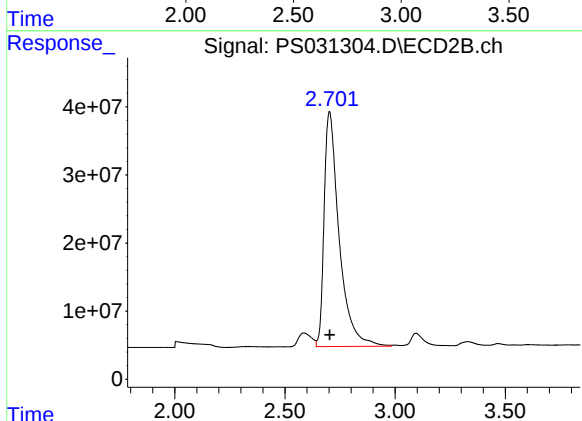
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.004 min
Response: 3325285874
Conc: 689.24 ng/ml

Instrument :
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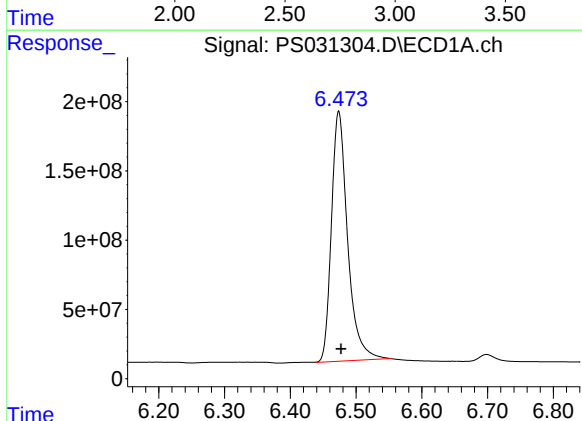
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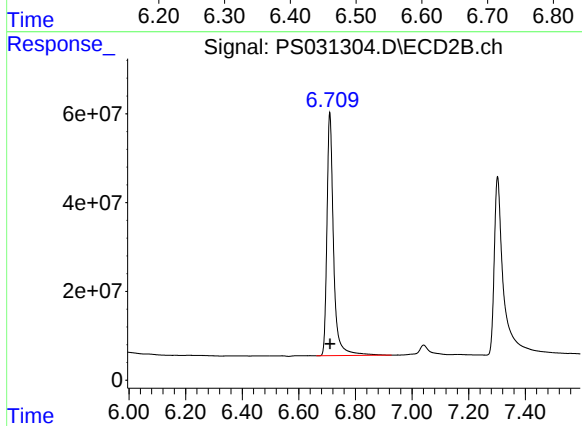
#1 Dalapon

R.T.: 2.702 min
Delta R.T.: -0.001 min
Response: 1637986358
Conc: 666.88 ng/ml



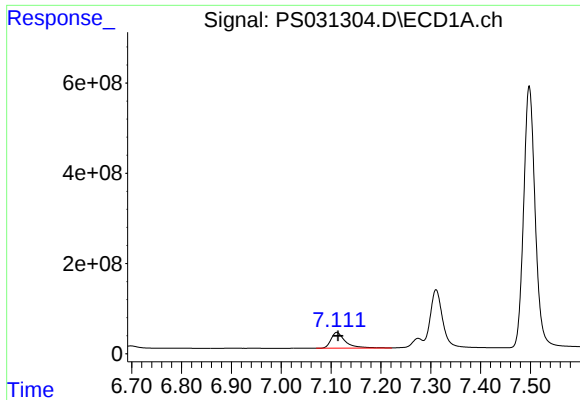
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 3083205461
Conc: 723.26 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 888321139
Conc: 687.41 ng/ml



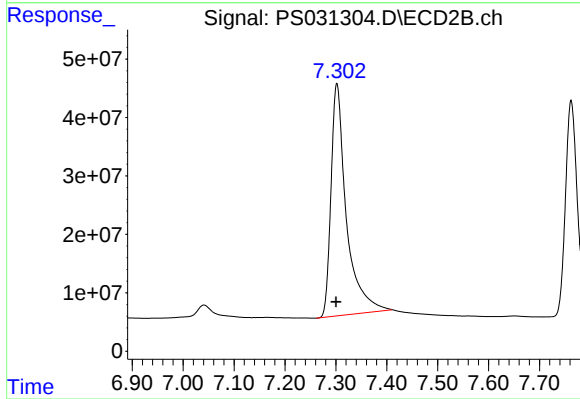
#3 4-Nitrophenol

R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 715490987
Conc: 702.70 ng/ml

Instrument :
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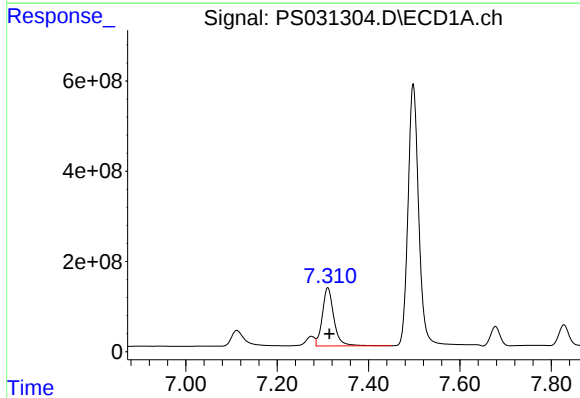
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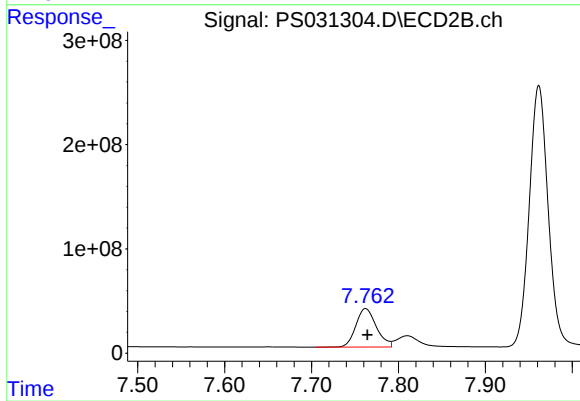
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 833746697
Conc: 645.86 ng/ml



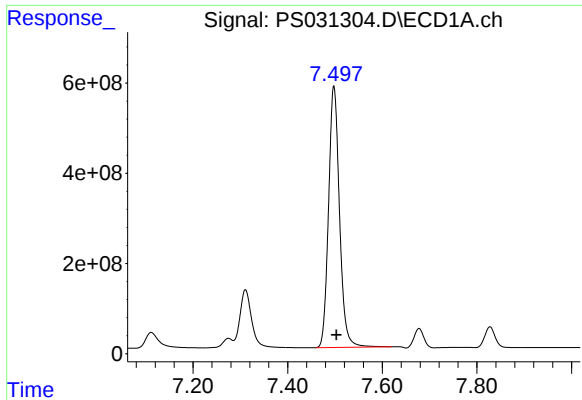
#4 2,4-DCAA

R.T.: 7.311 min
Delta R.T.: -0.004 min
Response: 2244180043
Conc: 770.29 ng/ml



#4 2,4-DCAA

R.T.: 7.762 min
Delta R.T.: -0.002 min
Response: 605293065
Conc: 724.83 ng/ml



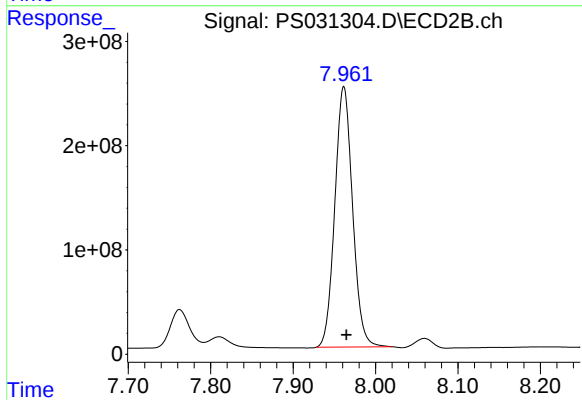
#5 DICAMBA

R.T.: 7.498 min
Delta R.T.: -0.005 min
Response: 9301748561
Conc: 719.92 ng/ml

Instrument :
ECD_S
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HSTDCCC750

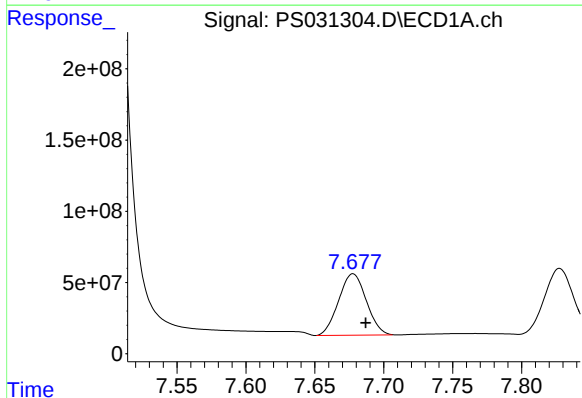
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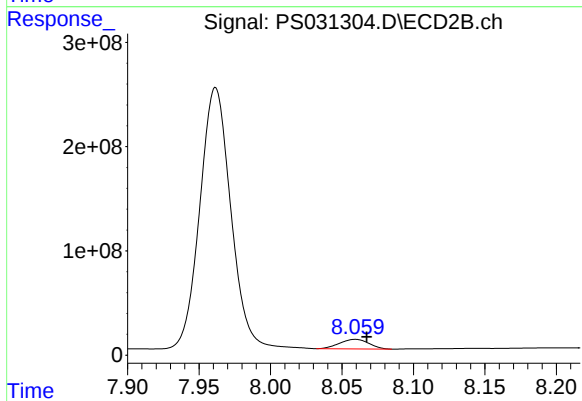
#5 DICAMBA

R.T.: 7.962 min
Delta R.T.: -0.003 min
Response: 3741966912
Conc: 690.29 ng/ml



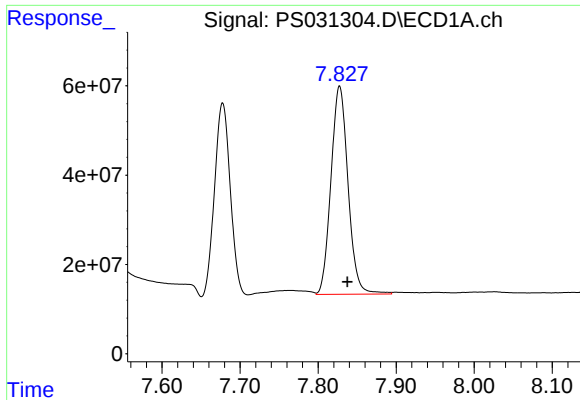
#6 MCPP

R.T.: 7.677 min
Delta R.T.: -0.010 min
Response: 603219794
Conc: 75.00 ug/ml m



#6 MCPP

R.T.: 8.059 min
Delta R.T.: -0.008 min
Response: 132649697
Conc: 77.60 ug/ml m



#7 MCPA

R.T.: 7.828 min
Delta R.T.: -0.010 min
Response: 709703917
Conc: 72.60 ug/ml

Instrument :

ECD_S

ClientSampleId :

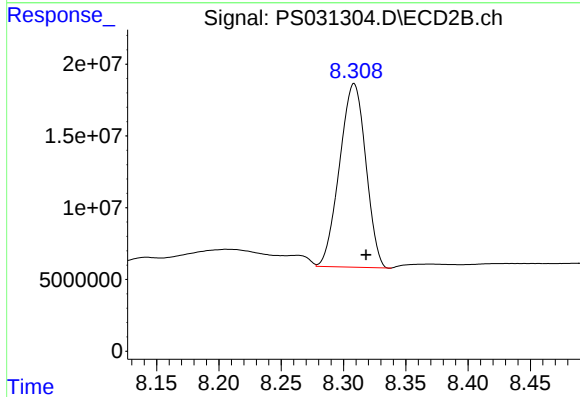
HSTDCCC750

Manual Integrations

APPROVED

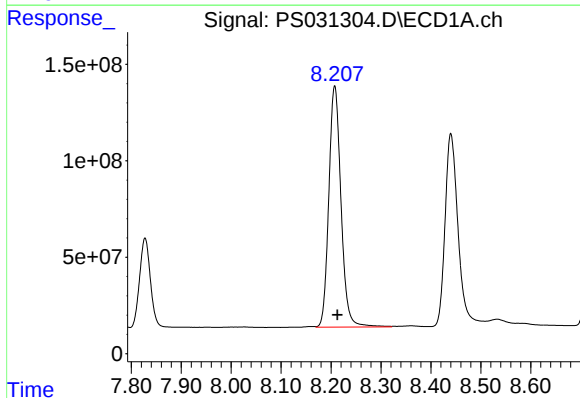
Reviewed By :Yogesh Patel 07/31/2025

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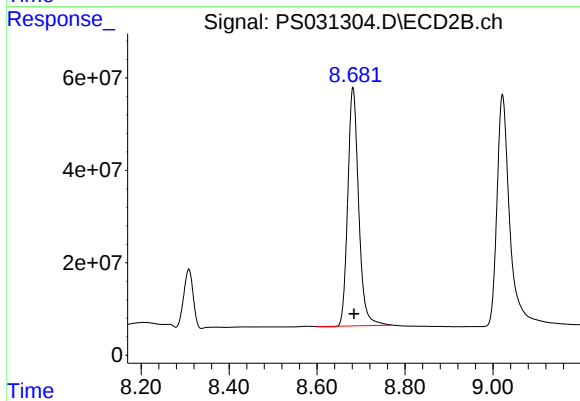
#7 MCPA

R.T.: 8.308 min
Delta R.T.: -0.010 min
Response: 187652709
Conc: 72.34 ug/ml



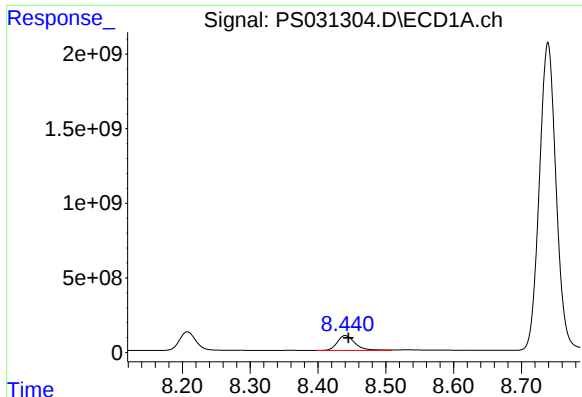
#8 DICHLORPROP

R.T.: 8.207 min
Delta R.T.: -0.005 min
Response: 2119735403
Conc: 697.28 ng/ml



#8 DICHLORPROP

R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 883279920
Conc: 679.42 ng/ml



#9 2,4-D

R.T.: 8.440 min
Delta R.T.: -0.005 min
Response: 1815333129
Conc: 700.00 ng/ml

Instrument :

ECD_S

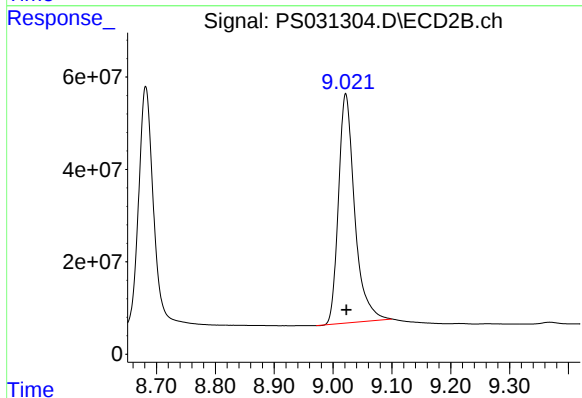
ClientSampleId :

HSTDCCC750

Manual Integrations

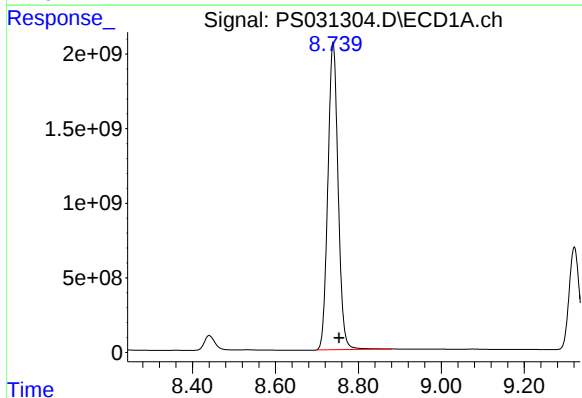
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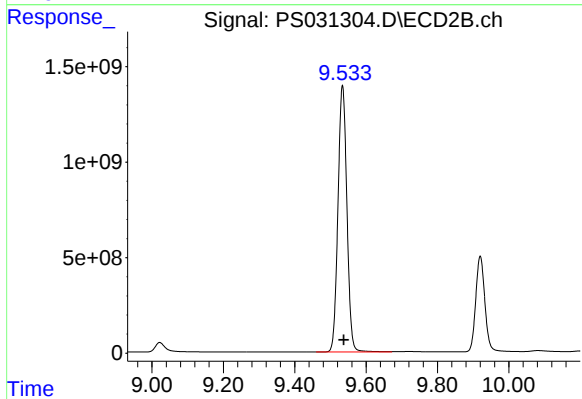
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.001 min
Response: 951786131
Conc: 682.02 ng/ml



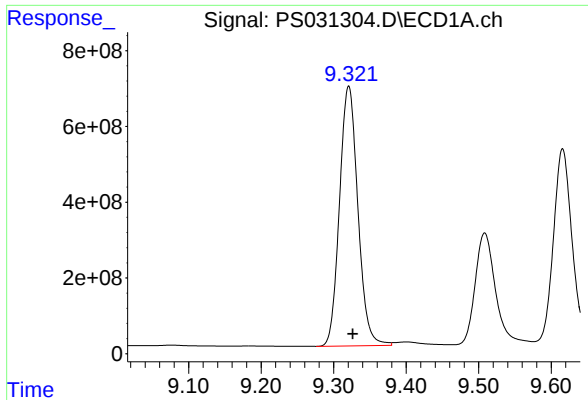
#10 Pentachlorophenol

R.T.: 8.739 min
Delta R.T.: -0.015 min
Response: 35318761898
Conc: 776.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.534 min
Delta R.T.: -0.003 min
Response: 24240558456
Conc: 723.68 ng/ml



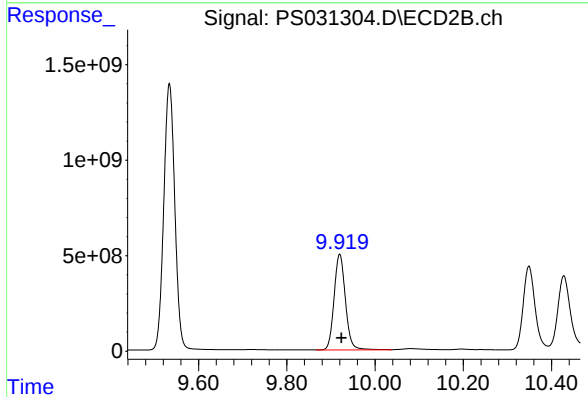
#11 2,4,5-TP (SILVEX)

R.T.: 9.321 min
Delta R.T.: -0.006 min
Response: 12070224446
Conc: 724.45 ng/ml

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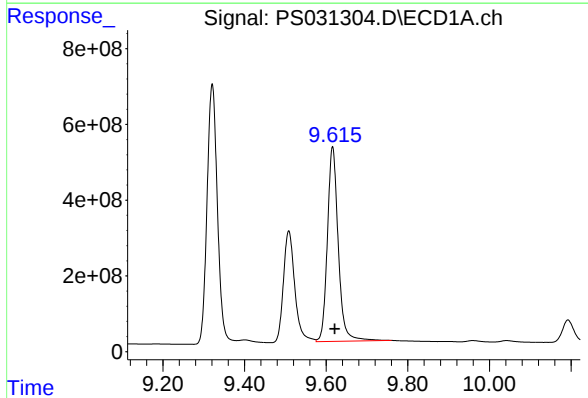
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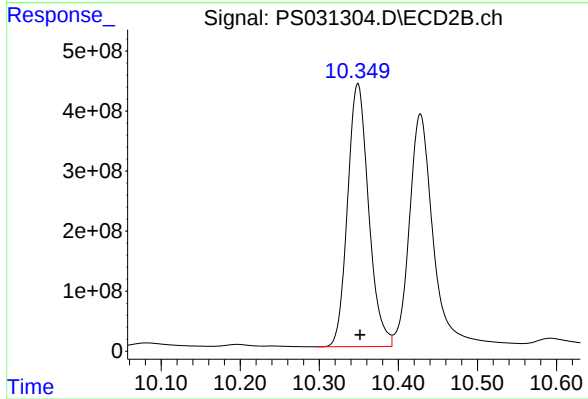
#11 2,4,5-TP (SILVEX)

R.T.: 9.920 min
Delta R.T.: -0.004 min
Response: 8948938053
Conc: 704.49 ng/ml



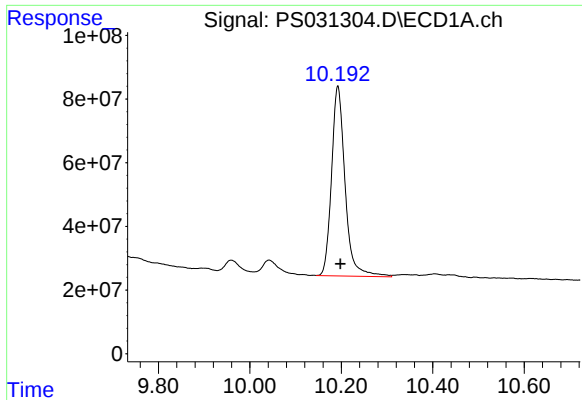
#12 2,4,5-T

R.T.: 9.616 min
Delta R.T.: -0.005 min
Response: 9484412537
Conc: 713.07 ng/ml



#12 2,4,5-T

R.T.: 10.349 min
Delta R.T.: -0.003 min
Response: 8110302860
Conc: 695.29 ng/ml



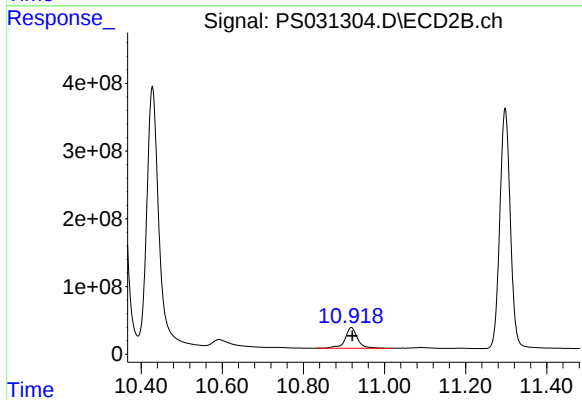
#13 2,4-DB

R.T.: 10.192 min
Delta R.T.: -0.006 min
Response: 1224323710
Conc: 700.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

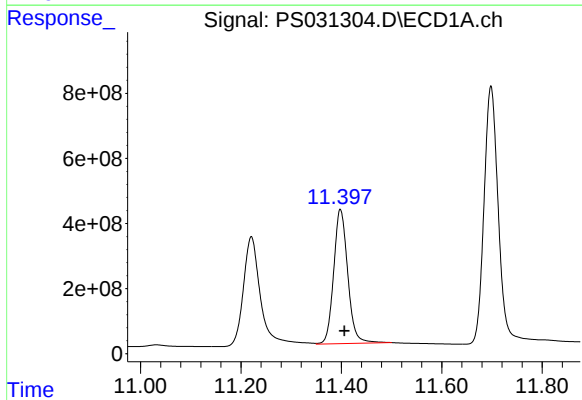
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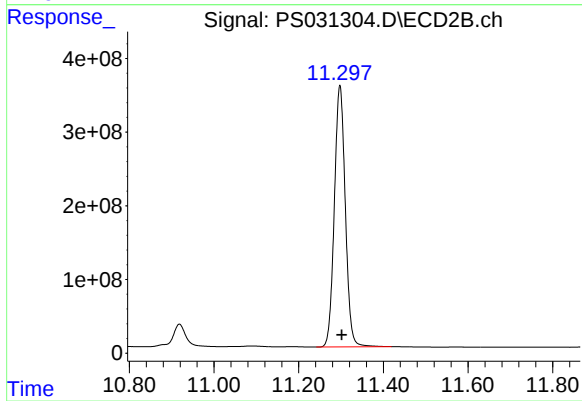
#13 2,4-DB

R.T.: 10.918 min
Delta R.T.: -0.003 min
Response: 655527013
Conc: 678.70 ng/ml



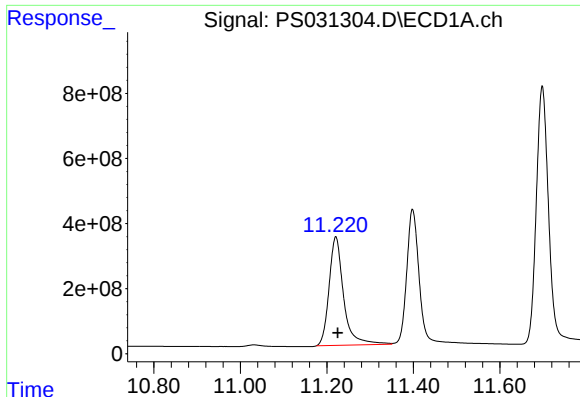
#14 DINOSEB

R.T.: 11.398 min
Delta R.T.: -0.008 min
Response: 8031578075
Conc: 700.62 ng/ml



#14 DINOSEB

R.T.: 11.297 min
Delta R.T.: -0.005 min
Response: 6376462440
Conc: 682.71 ng/ml



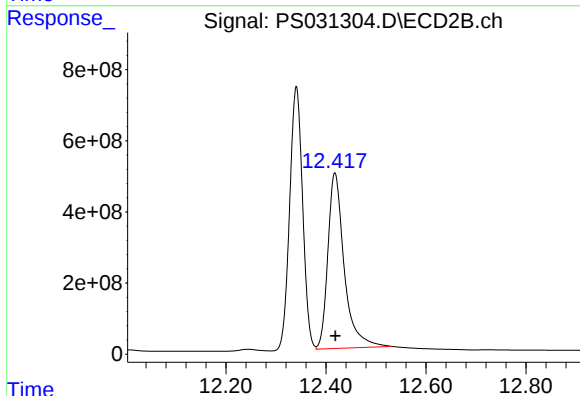
#15 Picloram

R.T.: 11.221 min
Delta R.T.: -0.005 min
Response: 7808068138
Conc: 666.81 ng/ml

Instrument :
ECD_S
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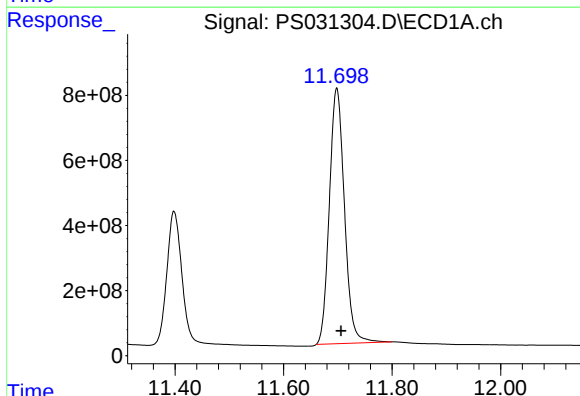
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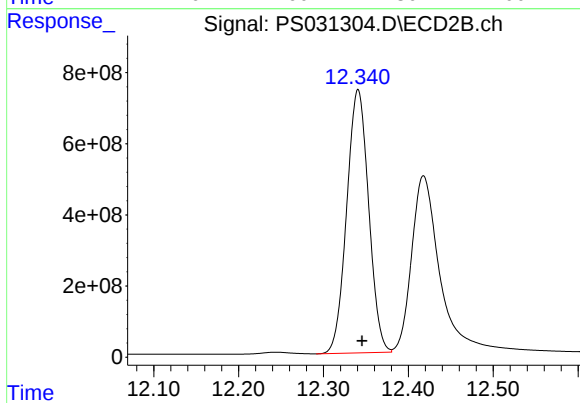
#15 Picloram

R.T.: 12.418 min
Delta R.T.: 0.000 min
Response: 11188152667
Conc: 654.47 ng/ml



#16 DCPA

R.T.: 11.698 min
Delta R.T.: -0.008 min
Response: 15149908101
Conc: 730.60 ng/ml



#16 DCPA

R.T.: 12.341 min
Delta R.T.: -0.005 min
Response: 13303782002
Conc: 713.27 ng/ml