

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080525\
 Data File : PS031371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2025 11:25
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2025
 Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 05:57:12 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	7.300	7.752	2162.8E6	542.8E6	742.356	650.048
Target Compounds							
1) T	Dalapon	2.682	2.701	2969.7E6	1439.5E6	615.528	586.075
2) T	3,5-DICHL...	6.464	6.702	2930.1E6	800.3E6	687.336m	619.262
3) T	4-Nitroph...	7.102	7.294	736.1E6	748.2E6	722.893	579.585
5) T	DICAMBA	7.486	7.950	8730.5E6	3353.0E6	675.704m	618.547m
6) T	MCPD	7.665	8.049	550.6E6	122.1E6	68.459m	71.429m
7) T	MCPA	7.815	8.297	662.6E6	169.9E6	67.783	65.485
8) T	DICHLORPROP	8.195	8.670	2037.7E6	797.8E6	670.281	613.684
9) T	2,4-D	8.427	9.009	1898.7E6	863.0E6	732.143	618.417
10) T	Pentachlo...	8.726	9.522	33137.8E6	22050.9E6	728.643m	658.307
11) T	2,4,5-TP ...	9.306	9.907	12081.8E6	8061.5E6	725.142	634.626
12) T	2,4,5-T	9.600	10.336	10413.9E6	7305.2E6	782.957	626.271
13) T	2,4-DB	10.176	10.903	1374.8E6	588.4E6	786.854	609.188
14) T	DINOSEB	11.381	11.283	7986.5E6	5609.4E6	696.684	600.585m
15) T	Picloram	11.202	12.400	8898.1E6	10577.6E6	759.900m	618.755
16) T	DCPA	11.679	12.325	15712.1E6	12366.1E6	757.717m	663.001m

(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

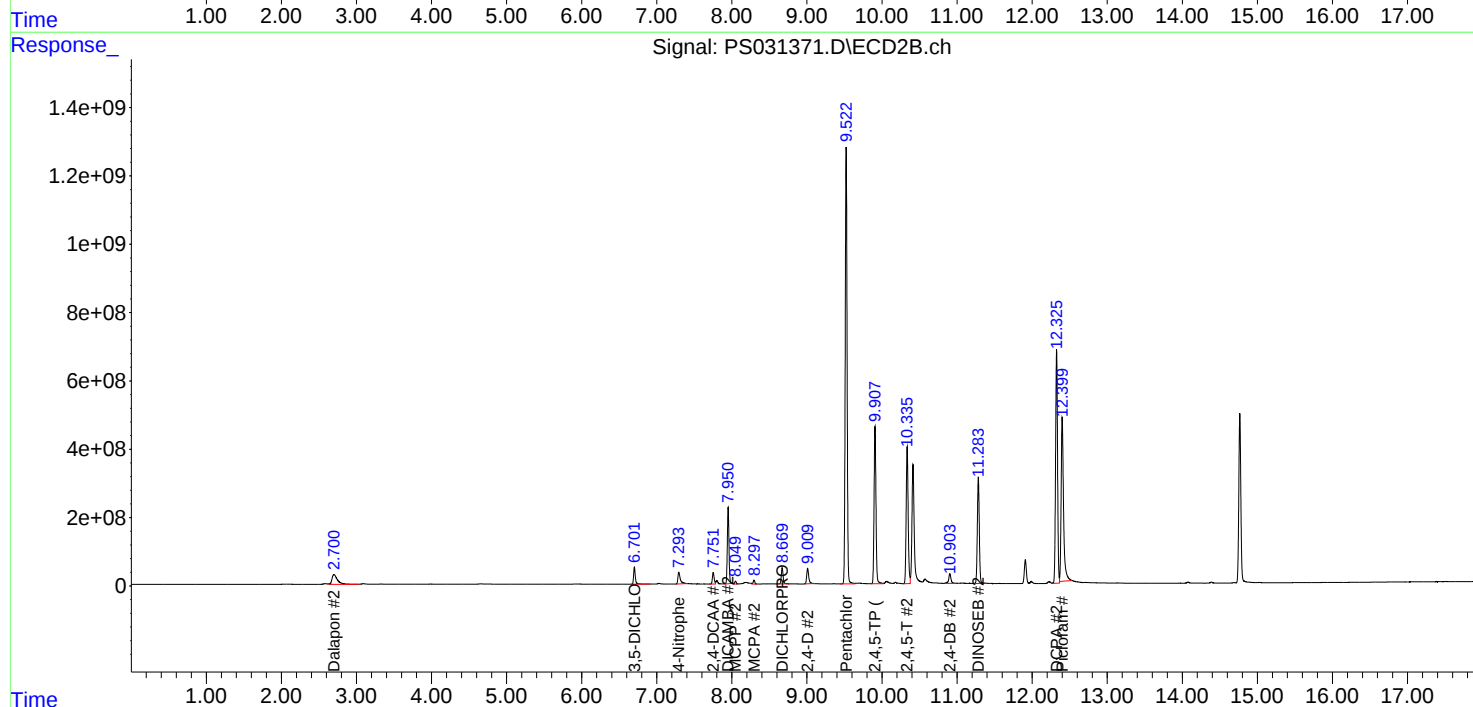
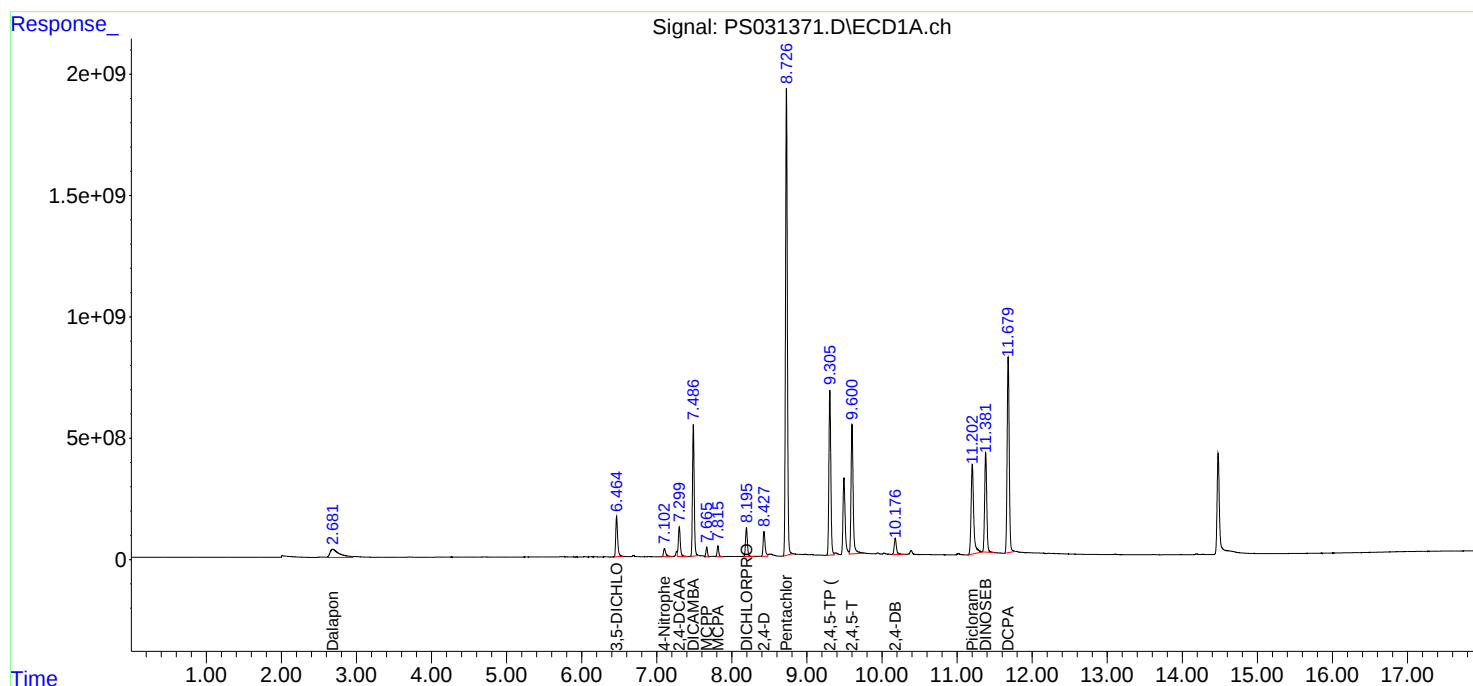
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

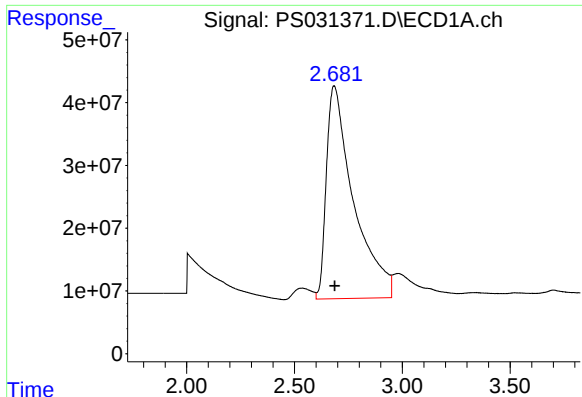
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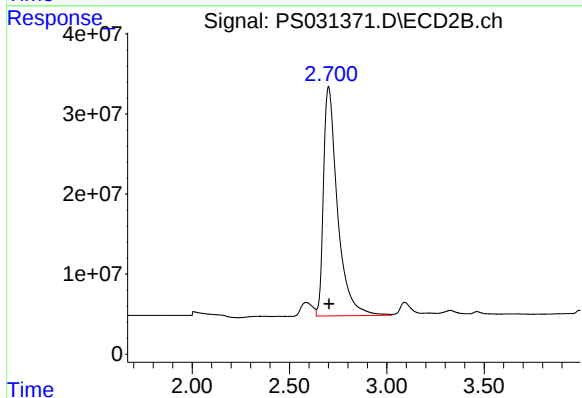
#1 Dalapon

R.T.: 2.682 min
Delta R.T.: -0.005 min
Response: 2969651095
Conc: 615.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

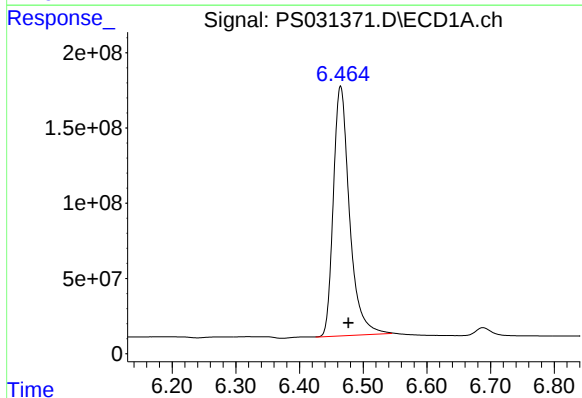
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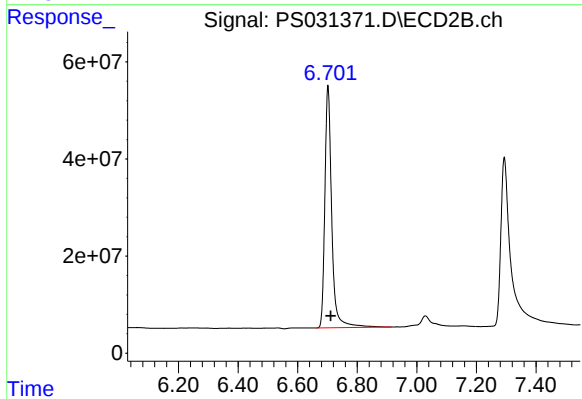
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.002 min
Response: 1439509011
Conc: 586.08 ng/ml



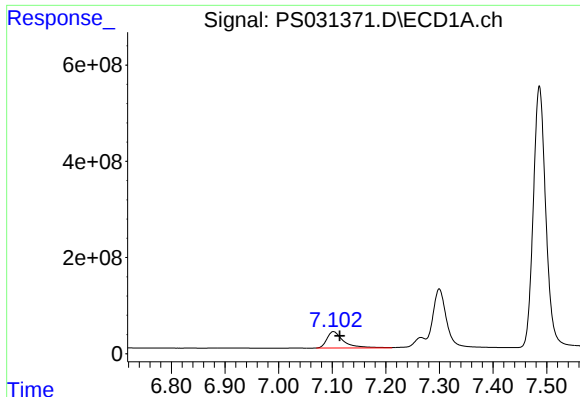
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.464 min
Delta R.T.: -0.013 min
Response: 2930068511
Conc: 687.34 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 800254406
Conc: 619.26 ng/ml



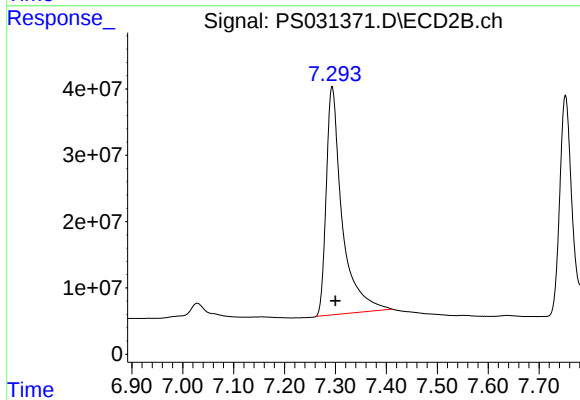
#3 4-Nitrophenol

R.T.: 7.102 min
Delta R.T.: -0.012 min
Response: 736050199
Conc: 722.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

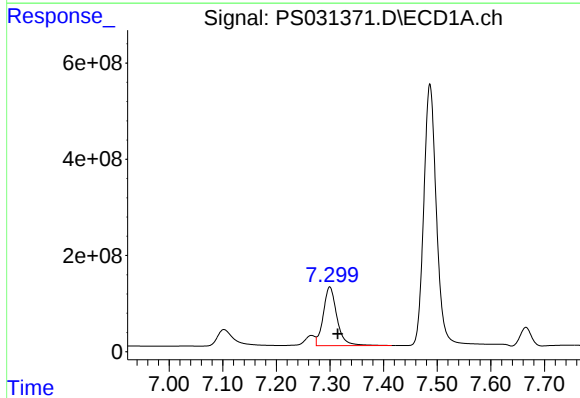
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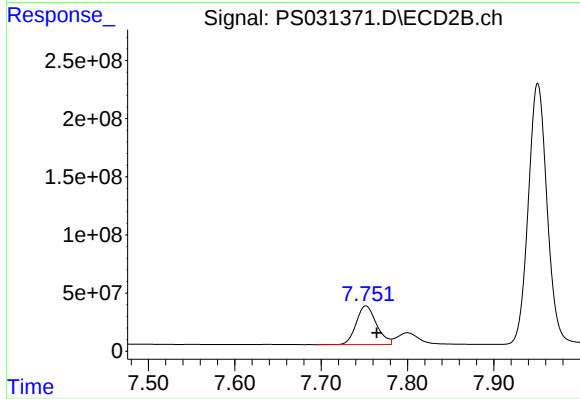
#3 4-Nitrophenol

R.T.: 7.294 min
Delta R.T.: -0.006 min
Response: 748193606
Conc: 579.59 ng/ml



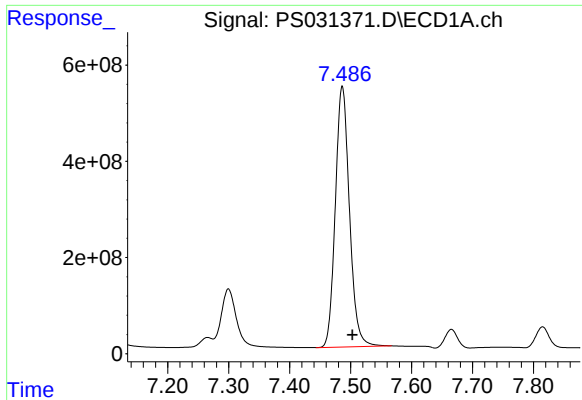
#4 2,4-DCAA

R.T.: 7.300 min
Delta R.T.: -0.015 min
Response: 2162782820
Conc: 742.36 ng/ml



#4 2,4-DCAA

R.T.: 7.752 min
Delta R.T.: -0.012 min
Response: 542842810
Conc: 650.05 ng/ml



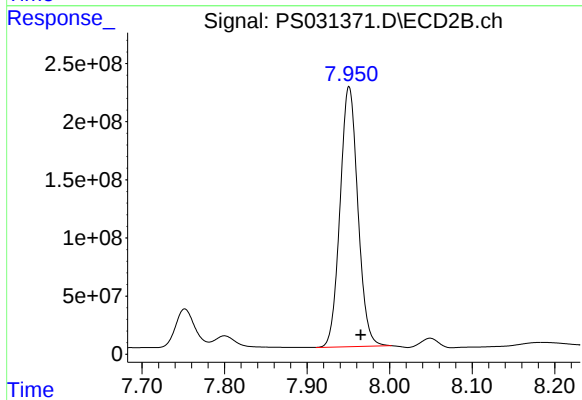
#5 DICAMBA

R.T.: 7.486 min
Delta R.T.: -0.017 min
Response: 8730501902
Conc: 675.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

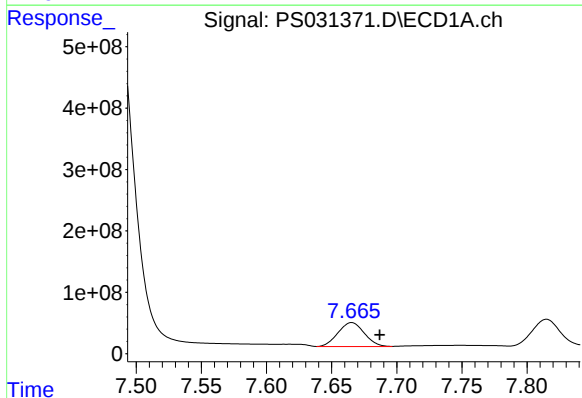
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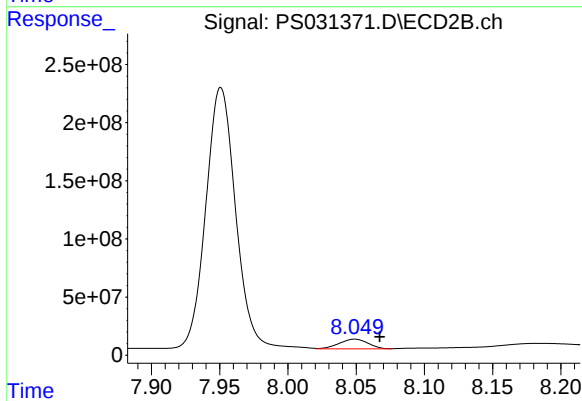
#5 DICAMBA

R.T.: 7.950 min
Delta R.T.: -0.015 min
Response: 3353047909
Conc: 618.55 ng/ml m



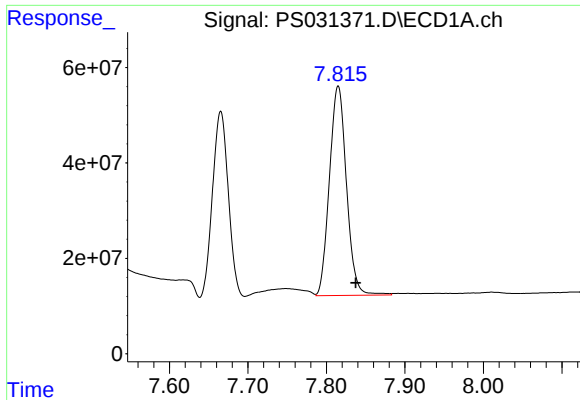
#6 MCP

R.T.: 7.665 min
Delta R.T.: -0.022 min
Response: 550600134
Conc: 68.46 ug/ml m



#6 MCP

R.T.: 8.049 min
Delta R.T.: -0.019 min
Response: 122100029
Conc: 71.43 ug/ml m



#7 MCPA

R.T.: 7.815 min
Delta R.T.: -0.022 min
Response: 662645463
Conc: 67.78 ug/ml

Instrument :

ECD_S

ClientSampleId :

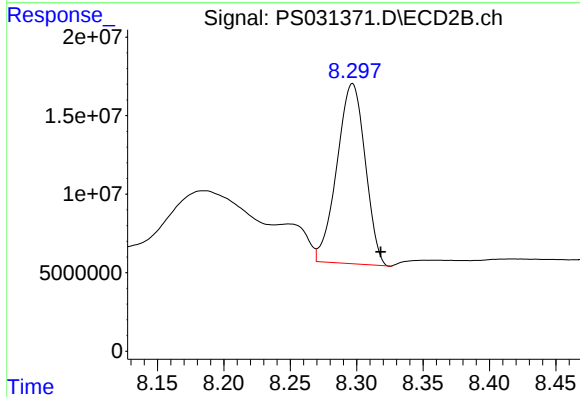
HSTDCCC750

Manual Integrations

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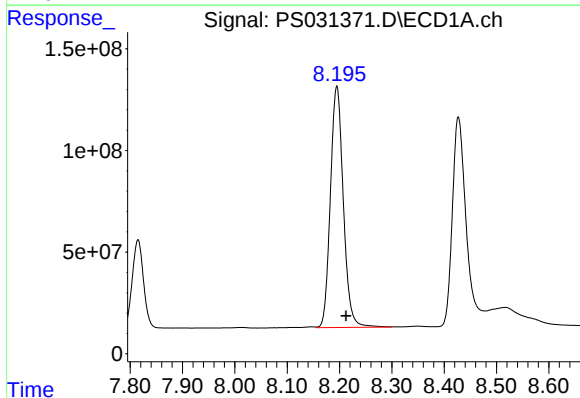
Reviewed By :Abdul Mirza 08/06/2025

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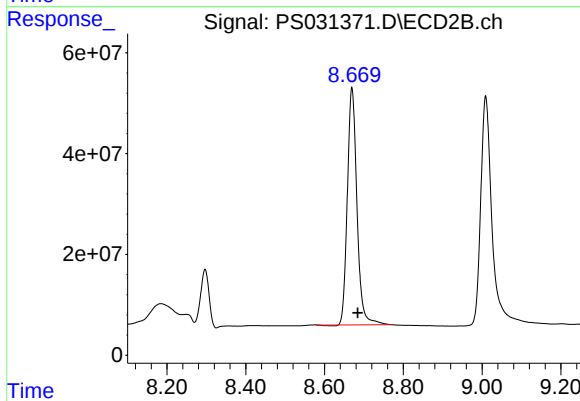
#7 MCPA

R.T.: 8.297 min
Delta R.T.: -0.021 min
Response: 169866138
Conc: 65.49 ug/ml



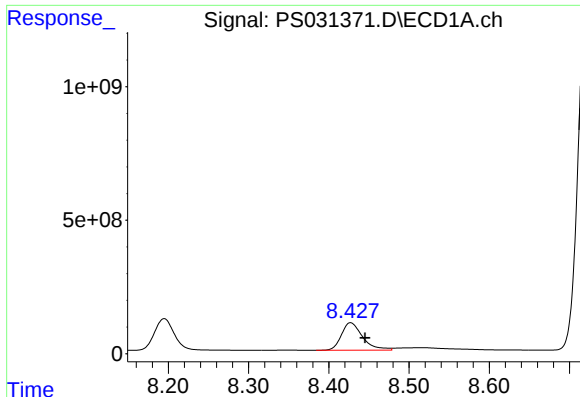
#8 DICHLORPROP

R.T.: 8.195 min
Delta R.T.: -0.018 min
Response: 2037662725
Conc: 670.28 ng/ml



#8 DICHLORPROP

R.T.: 8.670 min
Delta R.T.: -0.015 min
Response: 797824547
Conc: 613.68 ng/ml



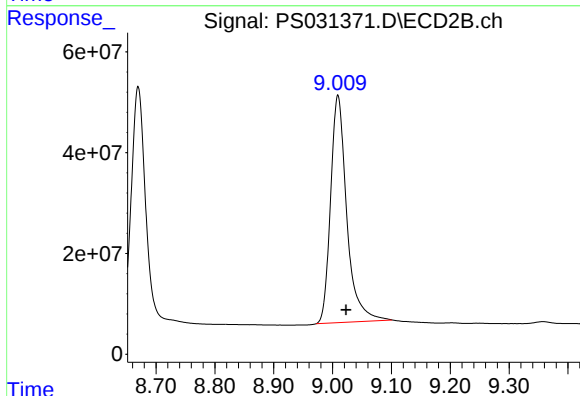
#9 2,4-D

R.T.: 8.427 min
Delta R.T.: -0.018 min
Response: 1898695173
Conc: 732.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

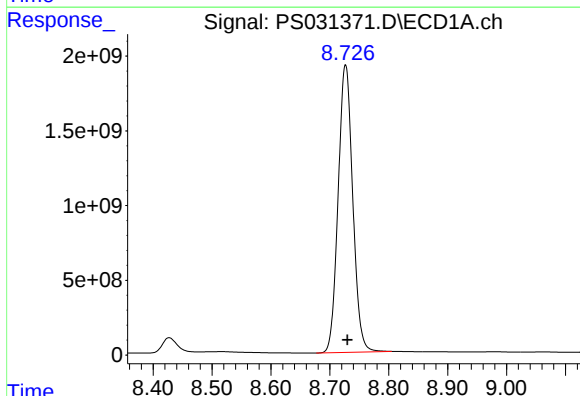
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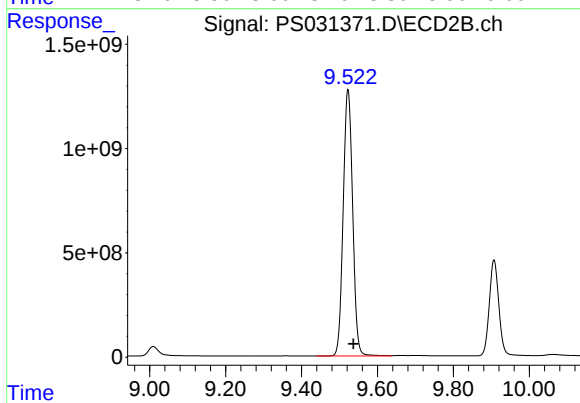
#9 2,4-D

R.T.: 9.009 min
Delta R.T.: -0.014 min
Response: 863020262
Conc: 618.42 ng/ml



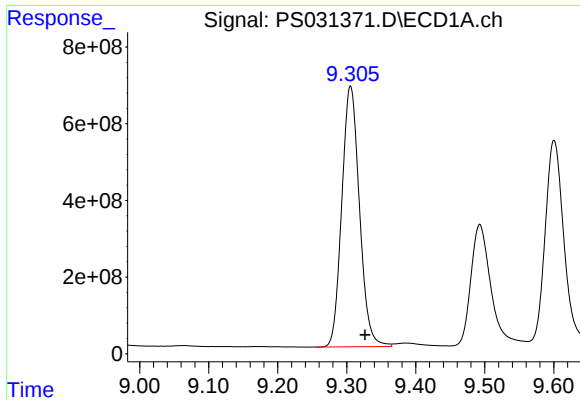
#10 Pentachlorophenol

R.T.: 8.726 min
Delta R.T.: -0.004 min
Response: 33137785980
Conc: 728.64 ng/ml m



#10 Pentachlorophenol

R.T.: 9.522 min
Delta R.T.: -0.015 min
Response: 22050892601
Conc: 658.31 ng/ml



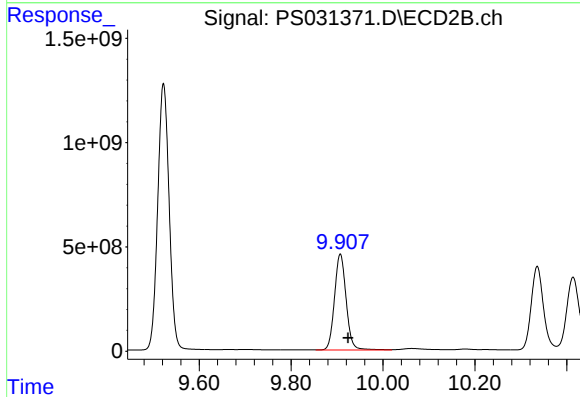
#11 2,4,5-TP (SILVEX)

R.T.: 9.306 min
Delta R.T.: -0.021 min
Response: 12081769782
Conc: 725.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

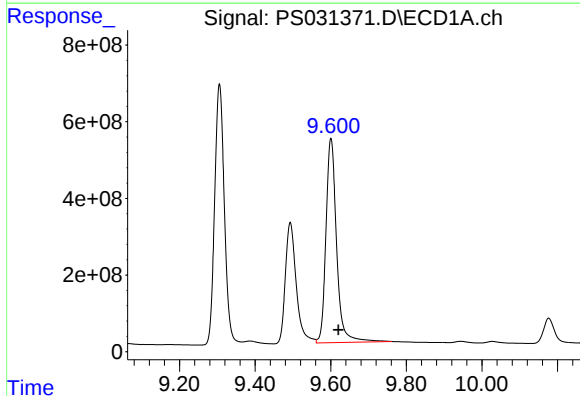
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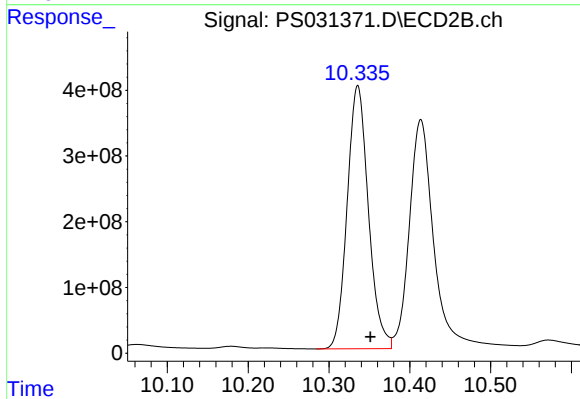
#11 2,4,5-TP (SILVEX)

R.T.: 9.907 min
Delta R.T.: -0.017 min
Response: 8061528456
Conc: 634.63 ng/ml



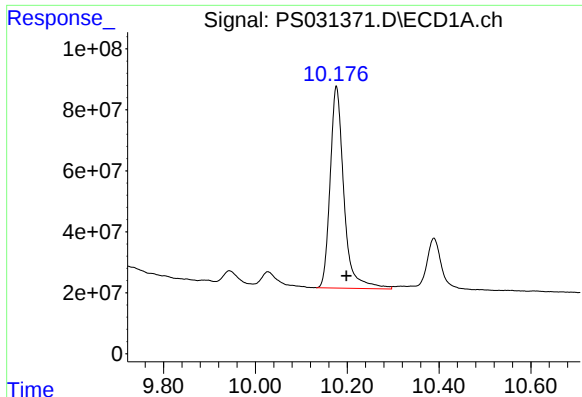
#12 2,4,5-T

R.T.: 9.600 min
Delta R.T.: -0.020 min
Response: 10413896788
Conc: 782.96 ng/ml



#12 2,4,5-T

R.T.: 10.336 min
Delta R.T.: -0.016 min
Response: 7305247152
Conc: 626.27 ng/ml



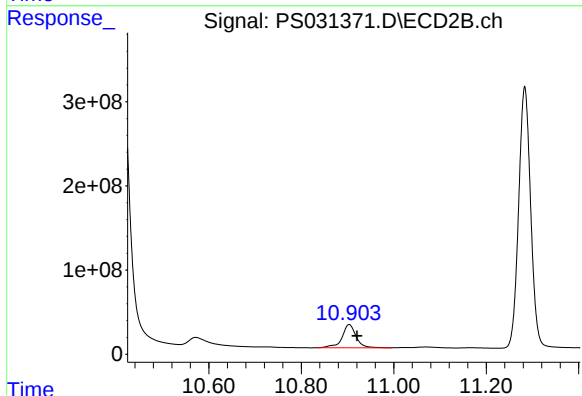
#13 2,4-DB

R.T.: 10.176 min
Delta R.T.: -0.022 min
Response: 1374833664
Conc: 786.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

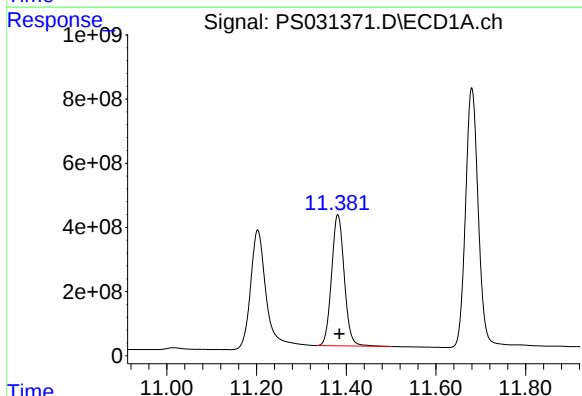
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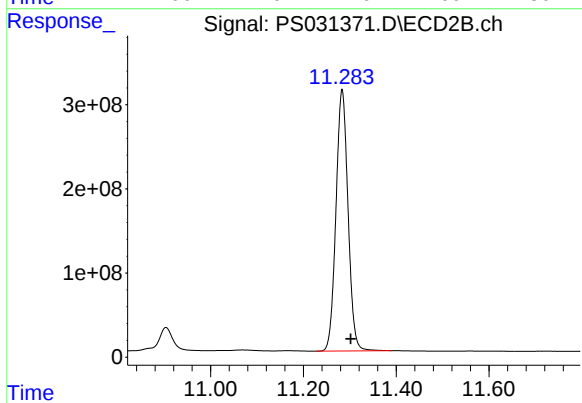
#13 2,4-DB

R.T.: 10.903 min
Delta R.T.: -0.017 min
Response: 588387541
Conc: 609.19 ng/ml



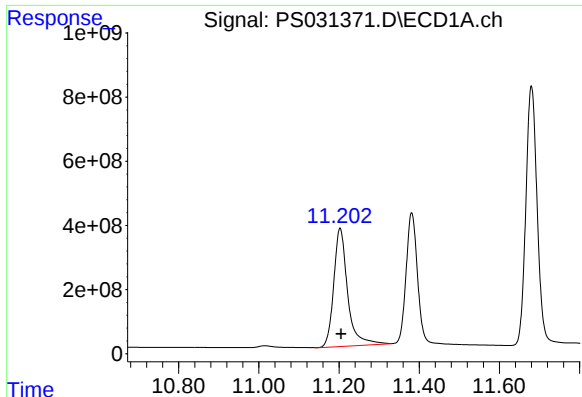
#14 DINOSEB

R.T.: 11.381 min
Delta R.T.: -0.004 min
Response: 7986464973
Conc: 696.68 ng/ml



#14 DINOSEB

R.T.: 11.283 min
Delta R.T.: -0.019 min
Response: 5609422026
Conc: 600.58 ng/ml m



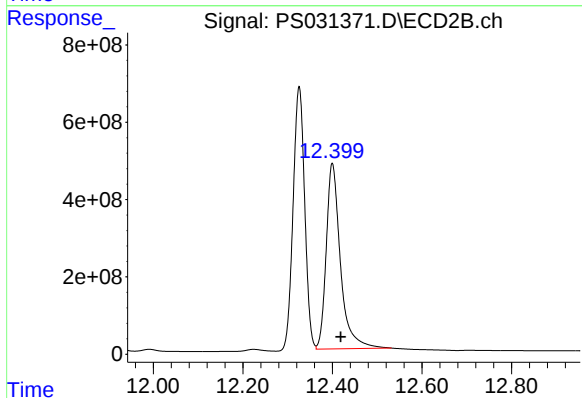
#15 Picloram

R.T.: 11.202 min
Delta R.T.: -0.003 min
Response: 8898141563
Conc: 759.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

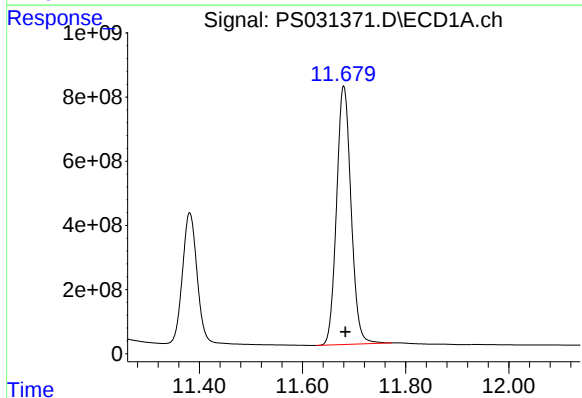
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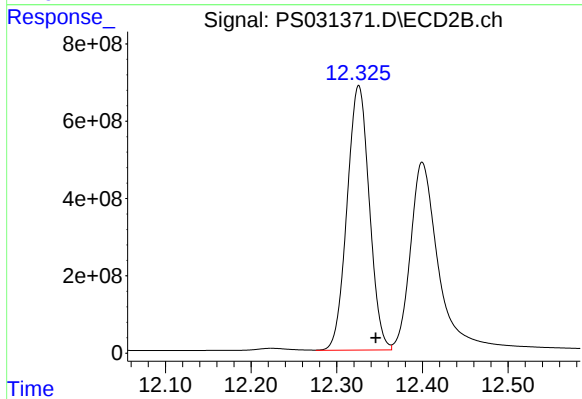
#15 Picloram

R.T.: 12.400 min
Delta R.T.: -0.019 min
Response: 10577577532
Conc: 618.76 ng/ml



#16 DCPA

R.T.: 11.679 min
Delta R.T.: -0.004 min
Response: 15712110083
Conc: 757.72 ng/ml m



#16 DCPA

R.T.: 12.325 min
Delta R.T.: -0.020 min
Response: 12366139695
Conc: 663.00 ng/ml m