

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073025\
 Data File : PS031321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 16:26
 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 01:42:44 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	7.309	7.762	2279.7E6	613.8E6	782.486	735.068
Target Compounds							
1) T	Dalapon	2.686	2.703	3368.0E6	1702.6E6	698.091	693.177
2) T	3,5-DICHL...	6.472	6.709	3221.9E6	910.1E6	755.802m	704.293
3) T	4-Nitroph...	7.111	7.302	751.0E6	855.1E6	737.549	662.363
5) T	DICAMBA	7.496	7.960	9404.5E6	3868.1E6	727.867	713.553
6) T	MCPD	7.677	8.058	519.6E6	112.6E6	64.609	65.844
7) T	MCPA	7.826	8.307	730.0E6	189.1E6	74.671	72.888
8) T	DICHLORPROP	8.206	8.680	2155.7E6	895.9E6	709.124	689.104
9) T	2,4-D	8.439	9.020	1888.0E6	976.1E6	728.022	699.480
10) T	Pentachlo...	8.737	9.532	36181.1E6	25404.2E6	795.561	758.415
11) T	2,4,5-TP ...	9.318	9.918	12468.2E6	9255.7E6	748.334	728.638
12) T	2,4,5-T	9.614	10.347	10095.8E6	8458.9E6	759.043	725.171
13) T	2,4-DB	10.190	10.916	1296.2E6	674.4E6	741.867	698.193
14) T	DINOSEB	11.396	11.295	8612.1E6	6767.4E6	751.263	724.563
15) T	Picloram	11.218	12.415	8220.0E6	11910.4E6	701.985	696.720
16) T	DCPA	11.695	12.338	16161.3E6	13884.9E6	779.379m	744.431

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

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Acq On : 30 Jul 2025 16:26
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

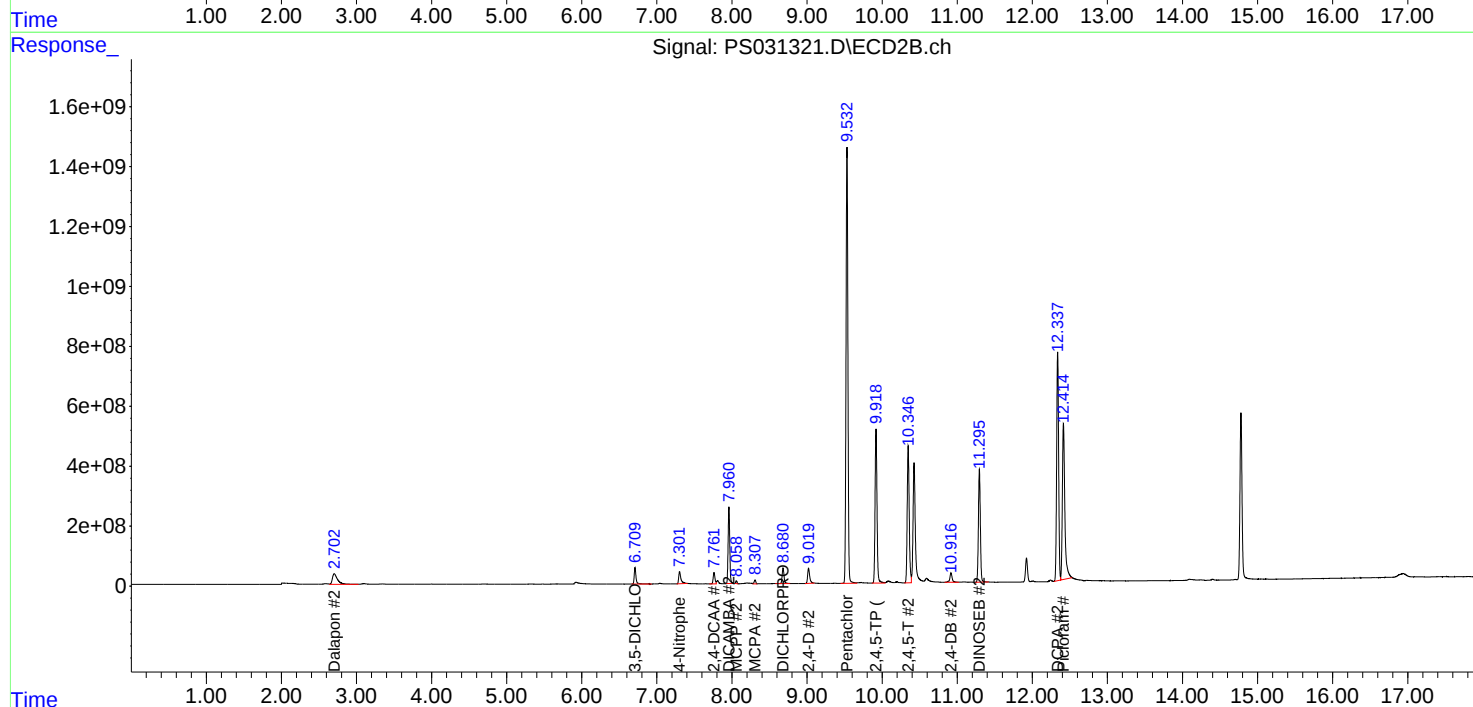
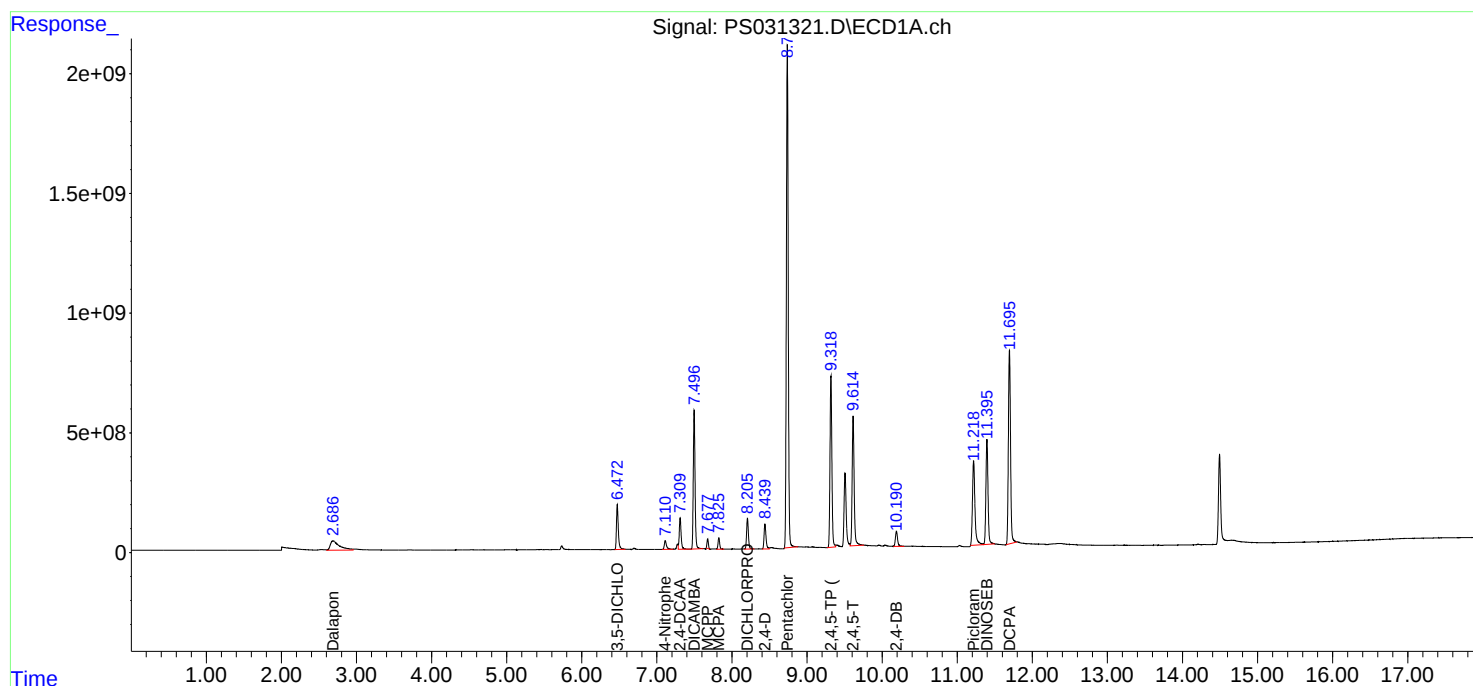
Instrument :
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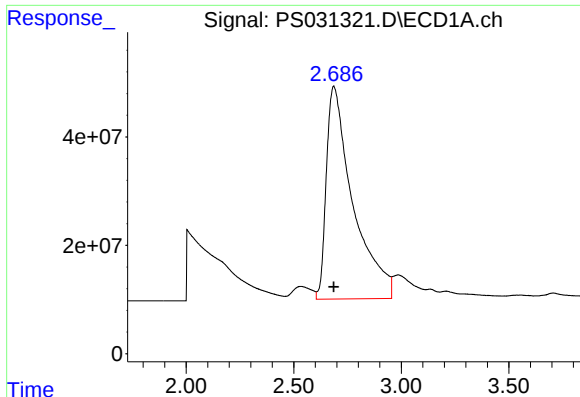
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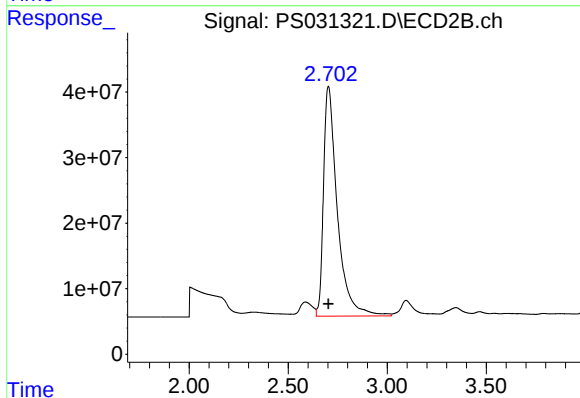
#1 Dalapon

R.T.: 2.686 min
Delta R.T.: -0.001 min
Response: 3367981476
Conc: 698.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

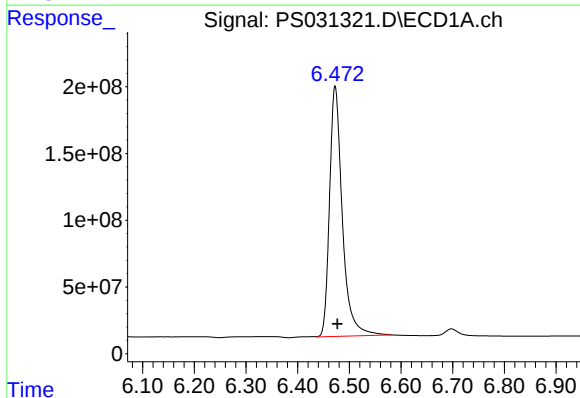
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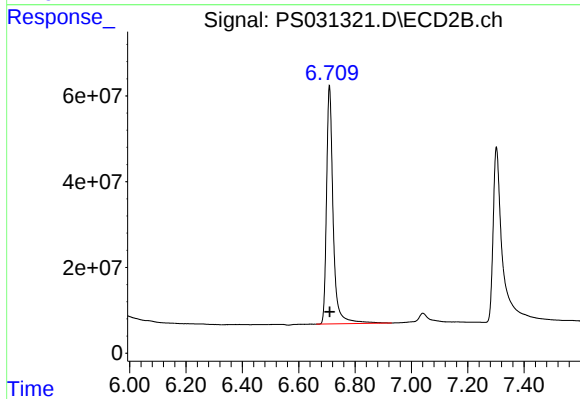
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 1702570172
Conc: 693.18 ng/ml



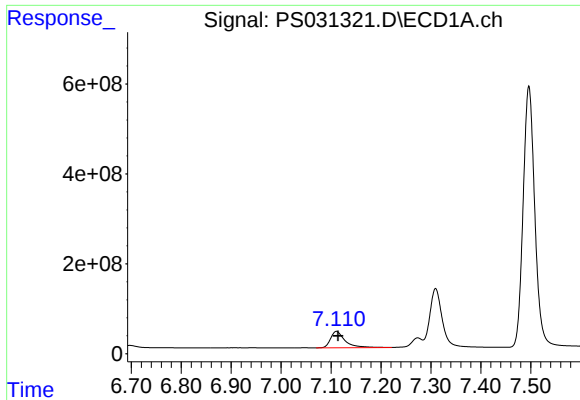
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 3221931926
Conc: 755.80 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 910137136
Conc: 704.29 ng/ml



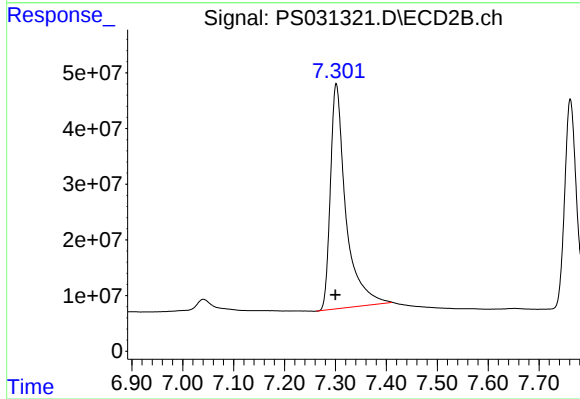
#3 4-Nitrophenol

R.T.: 7.111 min
Delta R.T.: -0.003 min
Response: 750972957
Conc: 737.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

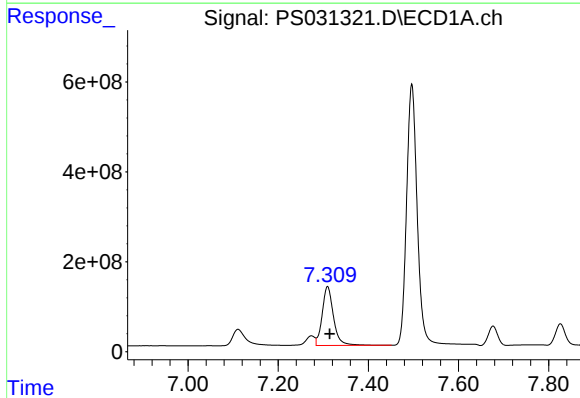
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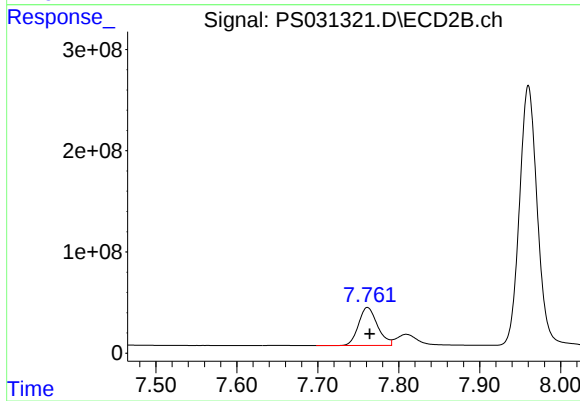
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 855052956
Conc: 662.36 ng/ml



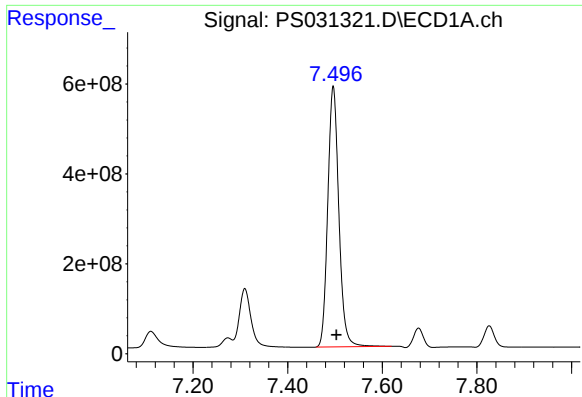
#4 2,4-DCAA

R.T.: 7.309 min
Delta R.T.: -0.005 min
Response: 2279697732
Conc: 782.49 ng/ml



#4 2,4-DCAA

R.T.: 7.762 min
Delta R.T.: -0.003 min
Response: 613841130
Conc: 735.07 ng/ml



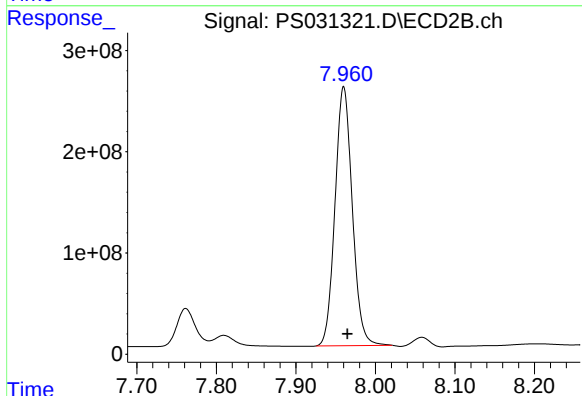
#5 DICAMBA

R.T.: 7.496 min
Delta R.T.: -0.007 min
Response: 9404466848
Conc: 727.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

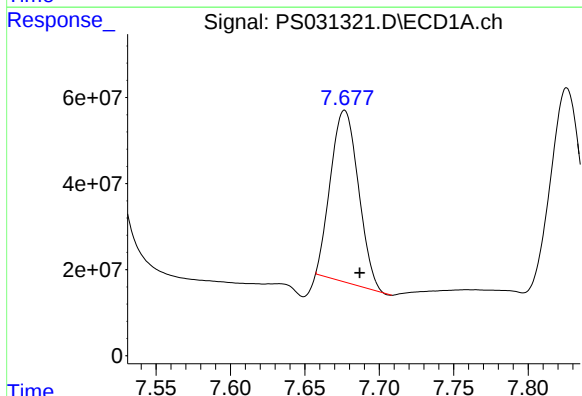
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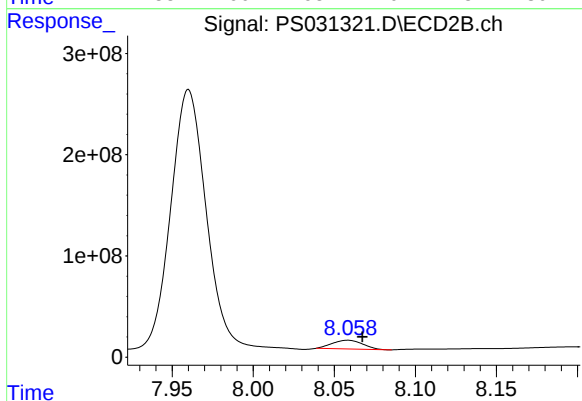
#5 DICAMBA

R.T.: 7.960 min
Delta R.T.: -0.005 min
Response: 3868064311
Conc: 713.55 ng/ml



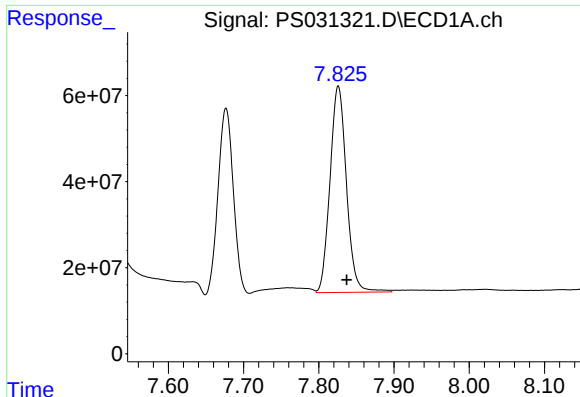
#6 MCP

R.T.: 7.677 min
Delta R.T.: -0.010 min
Response: 519635350
Conc: 64.61 ug/ml



#6 MCP

R.T.: 8.058 min
Delta R.T.: -0.009 min
Response: 112553147
Conc: 65.84 ug/ml



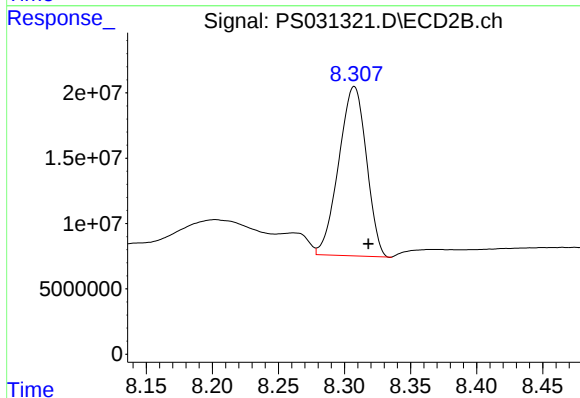
#7 MCPA

R.T.: 7.826 min
Delta R.T.: -0.011 min
Response: 729982989
Conc: 74.67 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

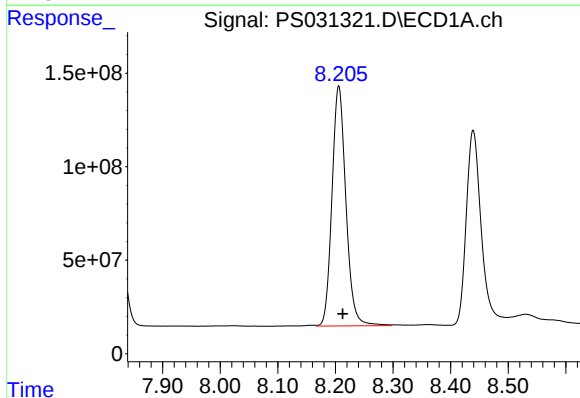
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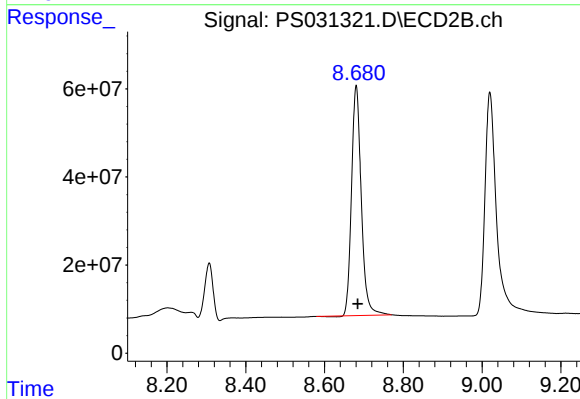
#7 MCPA

R.T.: 8.307 min
Delta R.T.: -0.011 min
Response: 189068839
Conc: 72.89 ug/ml



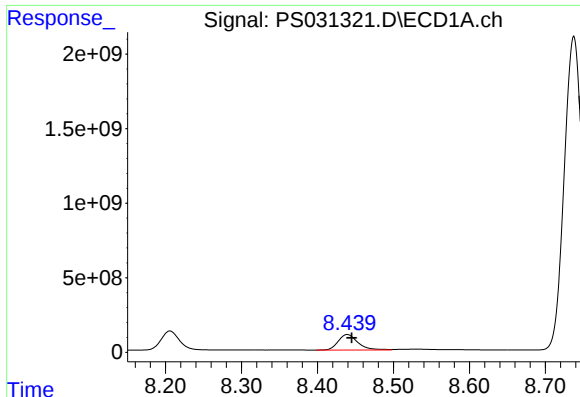
#8 DICHLORPROP

R.T.: 8.206 min
Delta R.T.: -0.007 min
Response: 2155746340
Conc: 709.12 ng/ml



#8 DICHLORPROP

R.T.: 8.680 min
Delta R.T.: -0.004 min
Response: 895874486
Conc: 689.10 ng/ml



#9 2,4-D

R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 1888007545
Conc: 728.02 ng/ml

Instrument :

ECD_S

ClientSampleId :

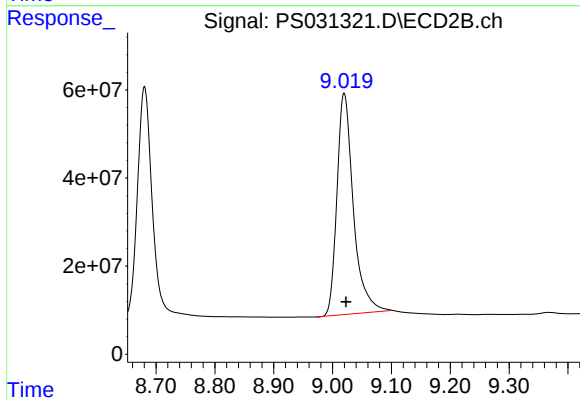
HSTDCCC750

Manual Integrations

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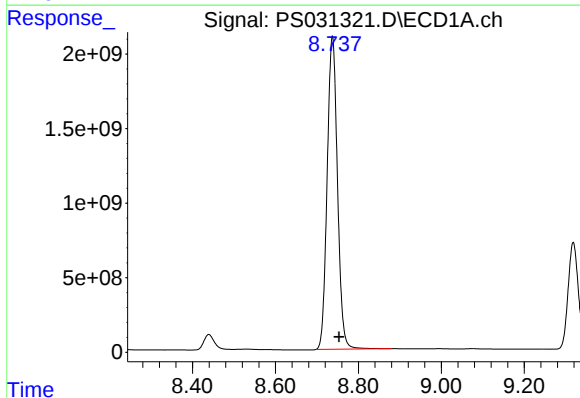
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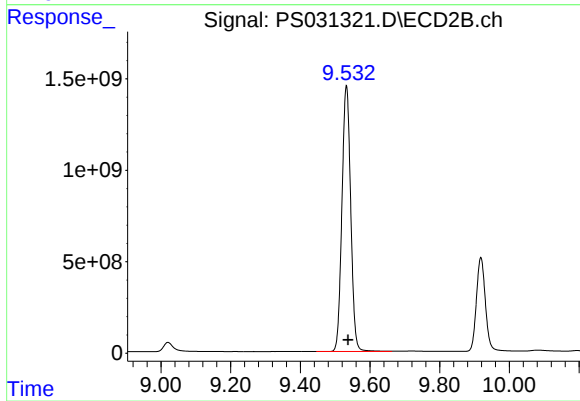
#9 2,4-D

R.T.: 9.020 min
Delta R.T.: -0.003 min
Response: 976145865
Conc: 699.48 ng/ml



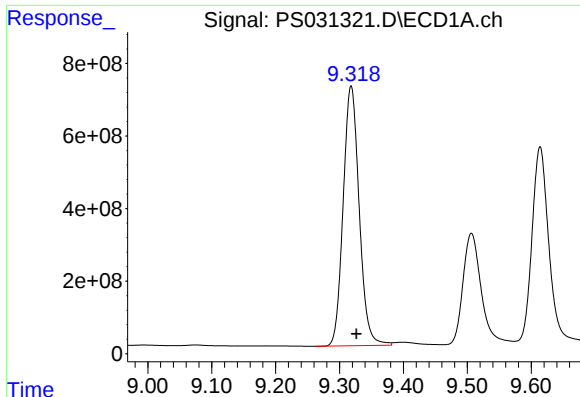
#10 Pentachlorophenol

R.T.: 8.737 min
Delta R.T.: -0.016 min
Response: 36181118747
Conc: 795.56 ng/ml



#10 Pentachlorophenol

R.T.: 9.532 min
Delta R.T.: -0.005 min
Response: 25404168451
Conc: 758.42 ng/ml



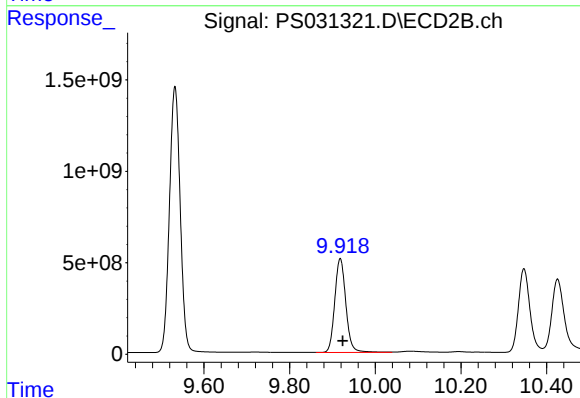
#11 2,4,5-TP (SILVEX)

R.T.: 9.318 min
Delta R.T.: -0.008 min
Response: 12468178840
Conc: 748.33 ng/ml

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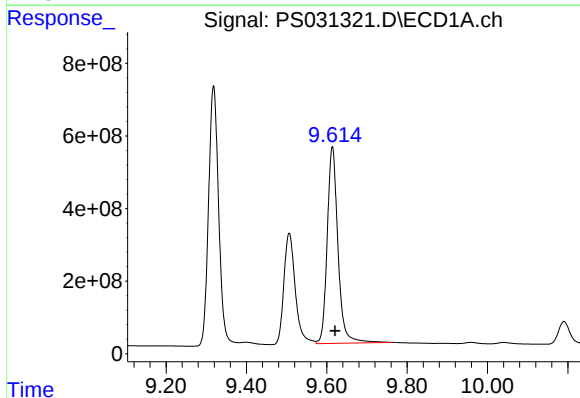
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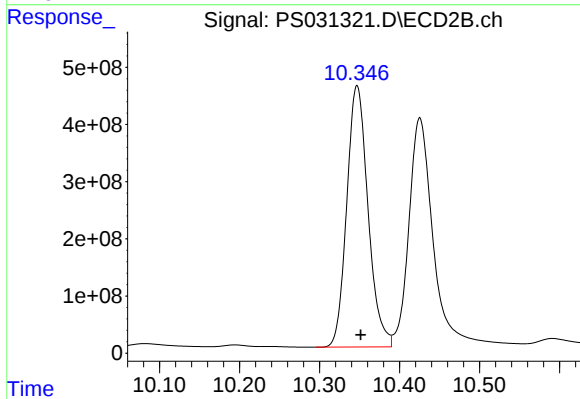
#11 2,4,5-TP (SILVEX)

R.T.: 9.918 min
Delta R.T.: -0.006 min
Response: 9255741880
Conc: 728.64 ng/ml



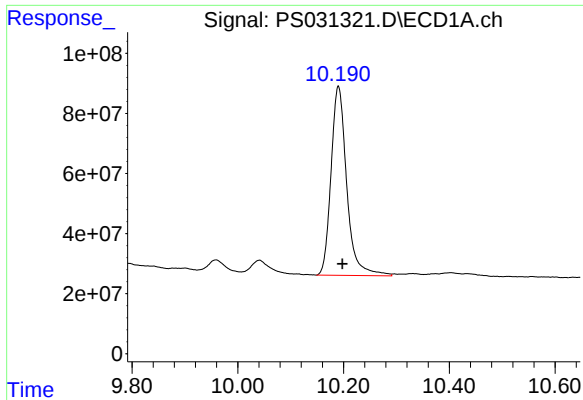
#12 2,4,5-T

R.T.: 9.614 min
Delta R.T.: -0.007 min
Response: 10095828568
Conc: 759.04 ng/ml



#12 2,4,5-T

R.T.: 10.347 min
Delta R.T.: -0.005 min
Response: 8458878566
Conc: 725.17 ng/ml



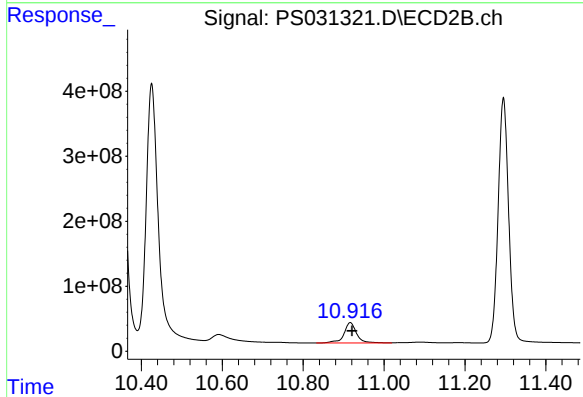
#13 2,4-DB

R.T.: 10.190 min
Delta R.T.: -0.008 min
Response: 1296229555
Conc: 741.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
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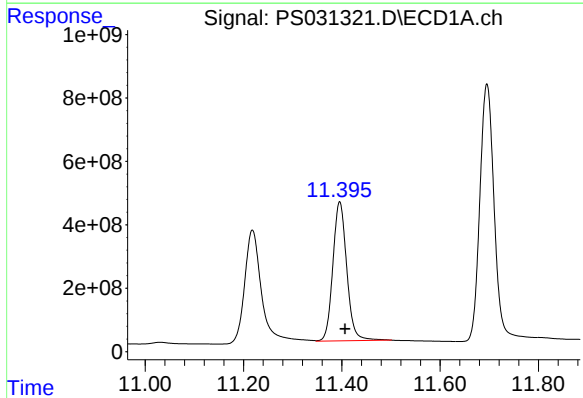
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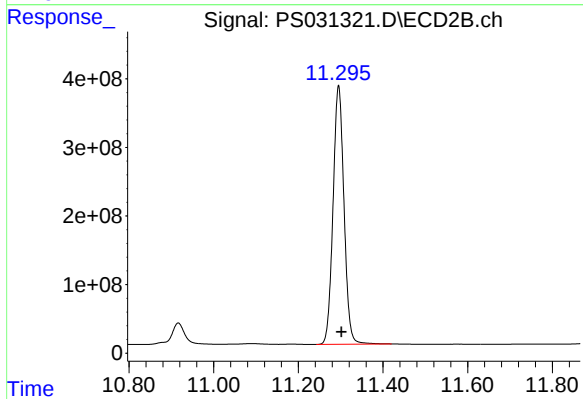
#13 2,4-DB

R.T.: 10.916 min
Delta R.T.: -0.004 min
Response: 674353381
Conc: 698.19 ng/ml



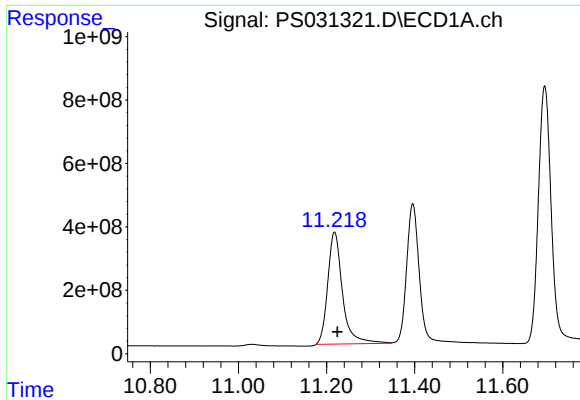
#14 DINOSEB

R.T.: 11.396 min
Delta R.T.: -0.011 min
Response: 8612137835
Conc: 751.26 ng/ml



#14 DINOSEB

R.T.: 11.295 min
Delta R.T.: -0.007 min
Response: 6767367444
Conc: 724.56 ng/ml



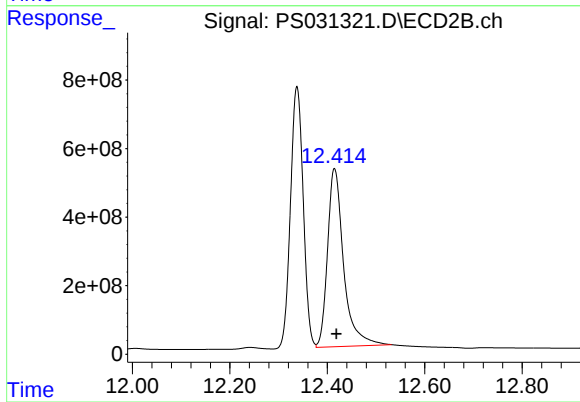
#15 Picloram

R.T.: 11.218 min
Delta R.T.: -0.007 min
Response: 8219981742
Conc: 701.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

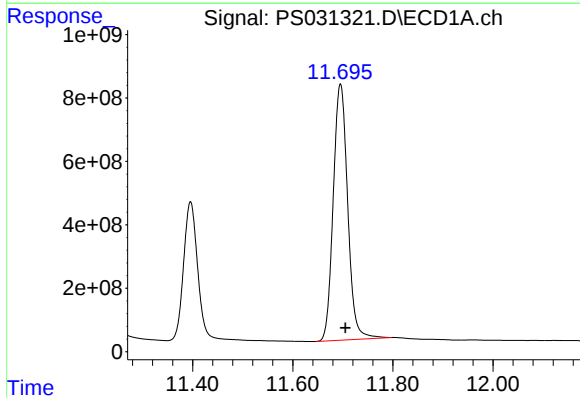
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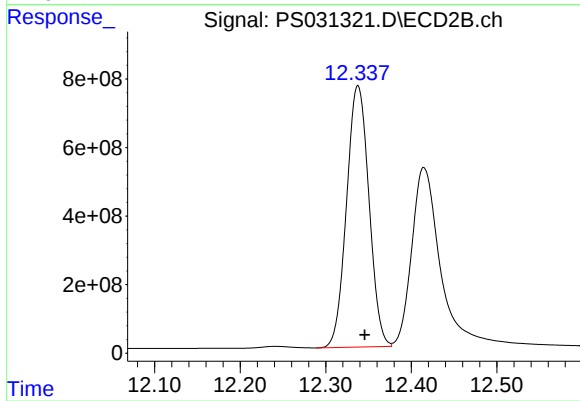
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.004 min
Response: 11910384522
Conc: 696.72 ng/ml



#16 DCPA

R.T.: 11.695 min
Delta R.T.: -0.011 min
Response: 16161314117
Conc: 779.38 ng/ml m



#16 DCPA

R.T.: 12.338 min
Delta R.T.: -0.008 min
Response: 13884945919
Conc: 744.43 ng/ml