

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041025\
 Data File : PS029798.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 19:11
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/11/2025
 Supervised By : mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:35:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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 x 0.5 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	6.954	7.495	1573.8E6	513.9E6	771.930	754.062
Target Compounds							
1) T	Dalapon	2.454	2.530	2214.4E6	997.4E6	652.746	628.255
2) T	3,5-DICHL...	6.156	6.486	2226.3E6	673.2E6	740.180m	697.246
3) T	4-Nitroph...	6.745	7.027	1066.9E6	467.0E6	759.492	658.635
5) T	DICAMBA	7.131	7.682	6275.0E6	2704.7E6	754.036	732.315
6) T	MCP	7.309	7.790	396.2E6	111.1E6	73.104	65.794
7) T	MCPA	7.453	8.021	484.7E6	155.7E6	66.679	68.411
8) T	DICHLORPROP	7.813	8.379	1612.5E6	707.0E6	733.128	731.793
9) T	2,4-D	8.033	8.693	1764.0E6	760.8E6	732.095	705.494
10) T	Pentachlo...	8.312	9.195	22066.9E6	13888.2E6	725.766	774.678
11) T	2,4,5-TP ...	8.877	9.573	8695.6E6	5547.4E6	748.632	769.084
12) T	2,4,5-T	9.160	9.978	8842.7E6	5234.0E6	768.636	780.866
13) T	2,4-DB	9.718	10.536	1409.5E6	535.3E6	775.845	721.478
14) T	DINOSEB	10.883	10.908	6225.6E6	3687.1E6	737.447	721.145
15) T	Picloram	10.701	11.942	11024.2E6	7871.8E6	711.221	665.724m
16) T	DCPA	11.184	11.938	10703.2E6	6593.5E6	766.369	744.972m

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

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

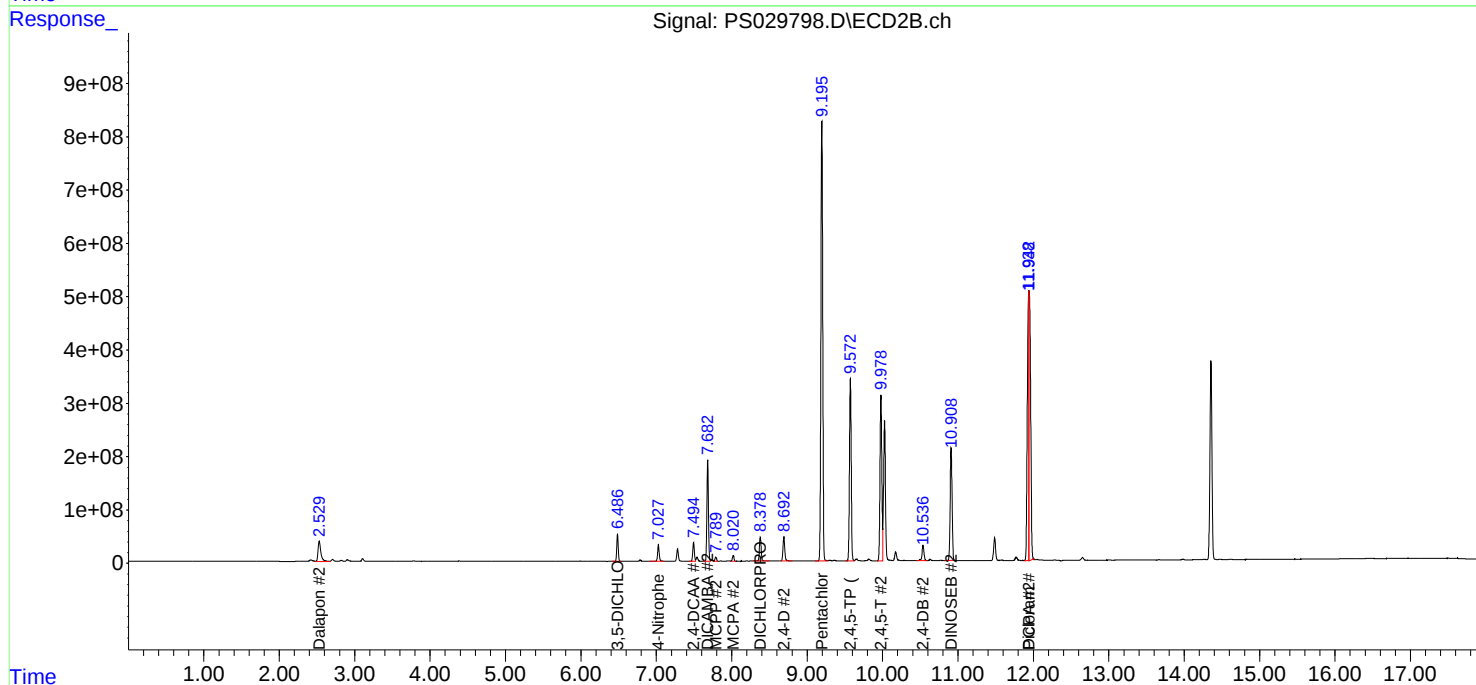
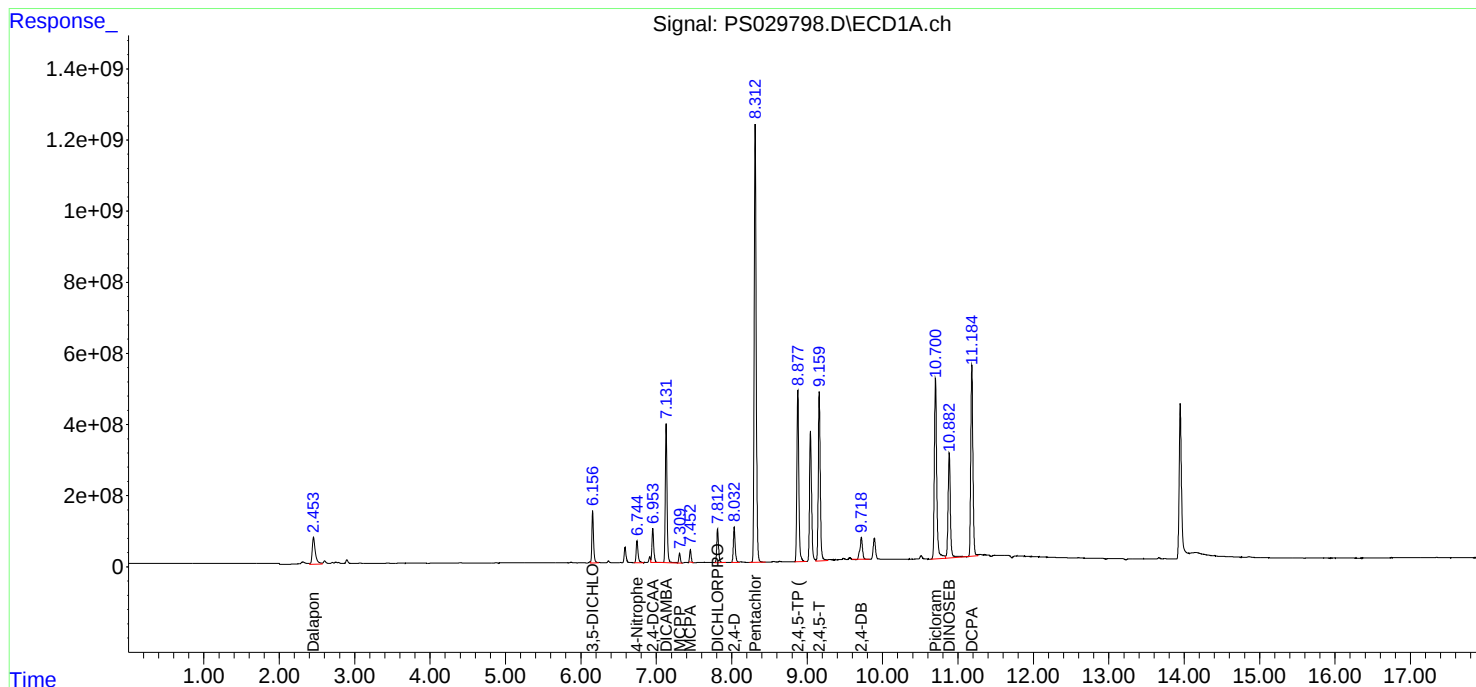
Instrument :
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ClientSampleId :
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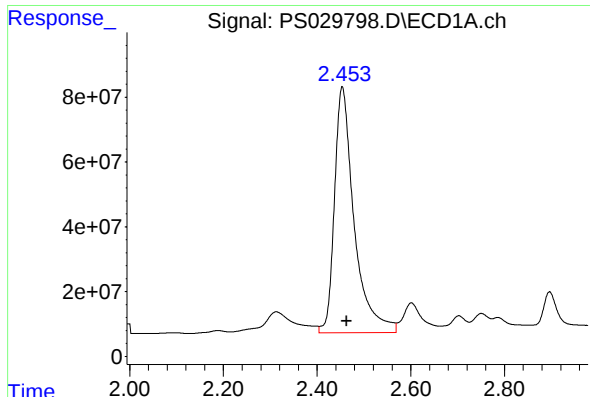
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#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 2214372352
Conc: 652.75 ng/ml

Instrument :

ECD_S

ClientSampleId :

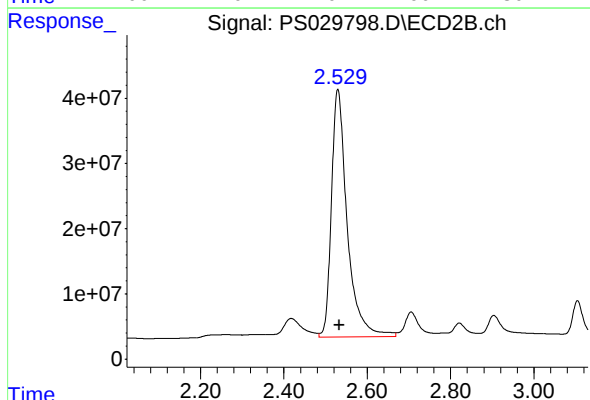
HSTDCCC750

Manual Integrations

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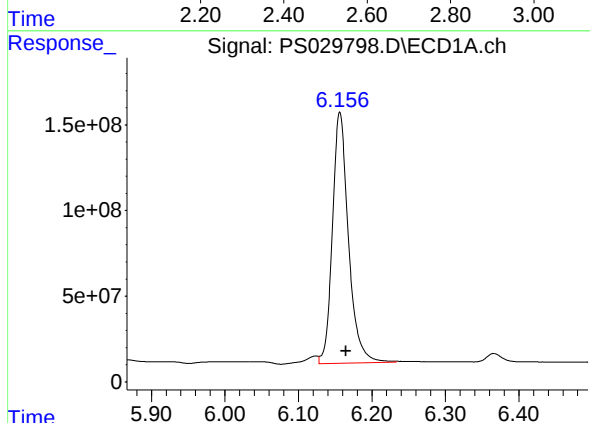
Reviewed By :Abdul Mirza 04/11/2025

Supervised By :mohammad ahmed 04/14/2025



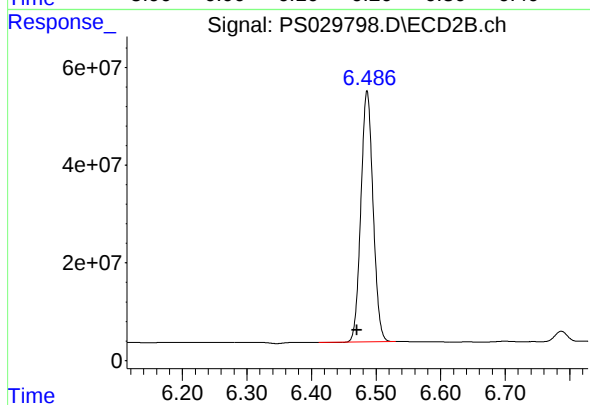
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.004 min
Response: 997415303
Conc: 628.26 ng/ml



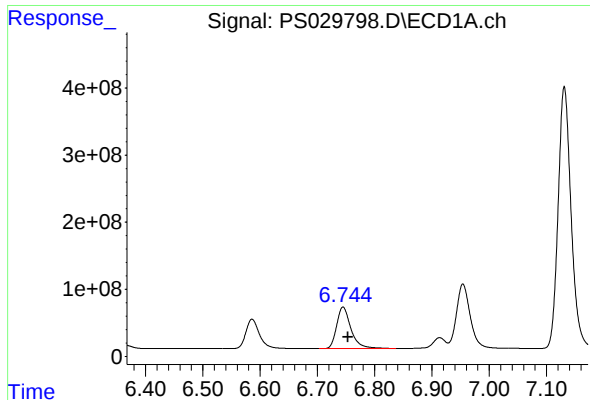
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.156 min
Delta R.T.: -0.009 min
Response: 2226282262
Conc: 740.18 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.486 min
Delta R.T.: 0.016 min
Response: 673230716
Conc: 697.25 ng/ml



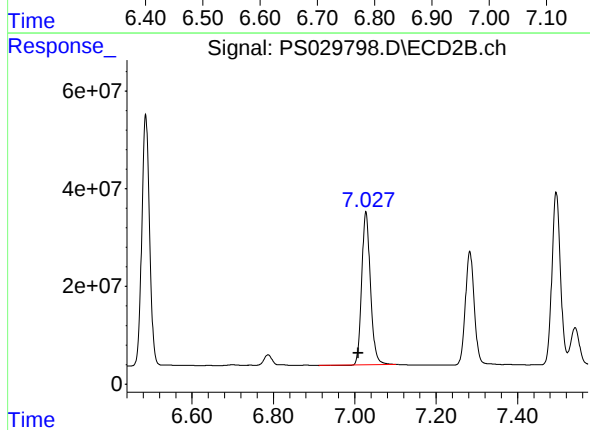
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 1066934140
Conc: 759.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

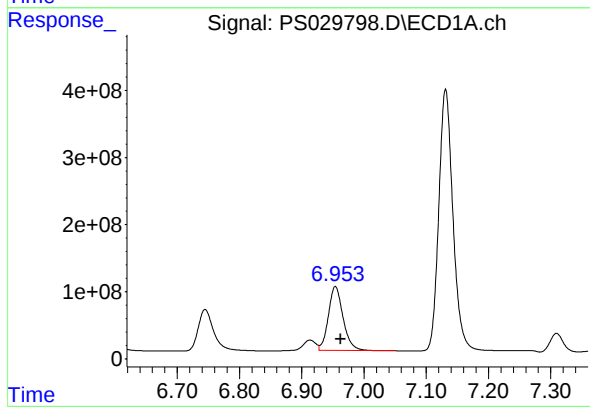
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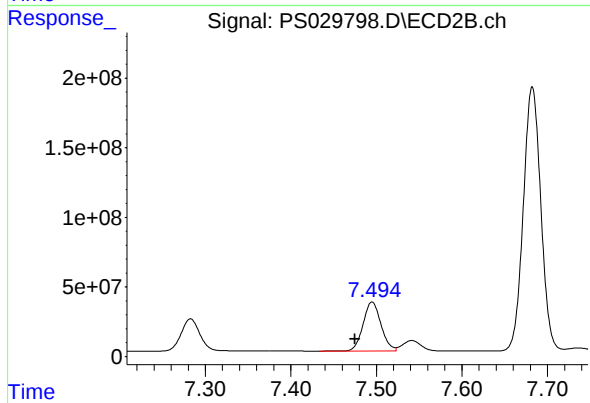
#3 4-Nitrophenol

R.T.: 7.027 min
Delta R.T.: 0.018 min
Response: 466971007
Conc: 658.63 ng/ml



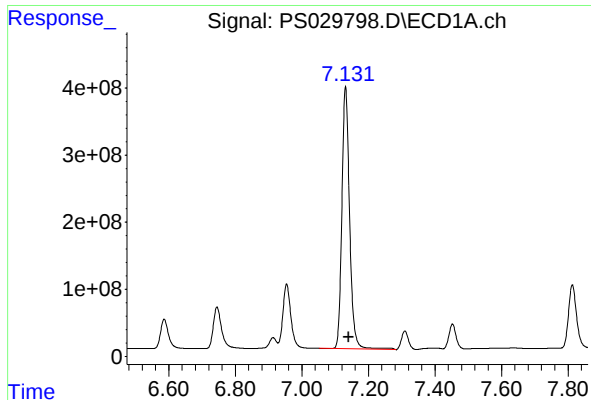
#4 2,4-DCAA

R.T.: 6.954 min
Delta R.T.: -0.008 min
Response: 1573834608
Conc: 771.93 ng/ml



#4 2,4-DCAA

R.T.: 7.495 min
Delta R.T.: 0.020 min
Response: 513903110
Conc: 754.06 ng/ml



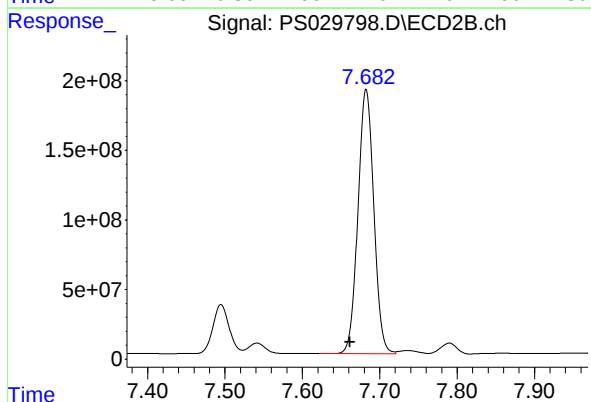
#5 DICAMBA

R.T.: 7.131 min
Delta R.T.: -0.009 min
Response: 6275047043
Conc: 754.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

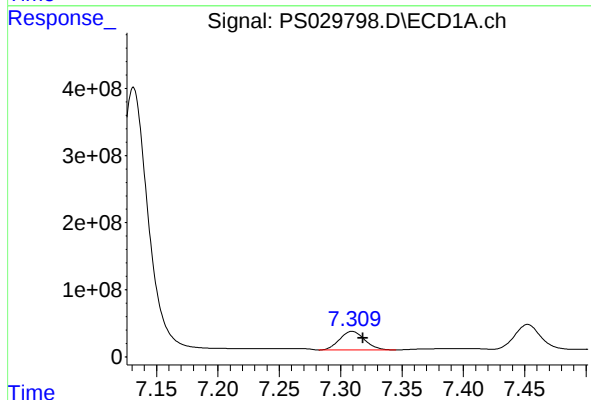
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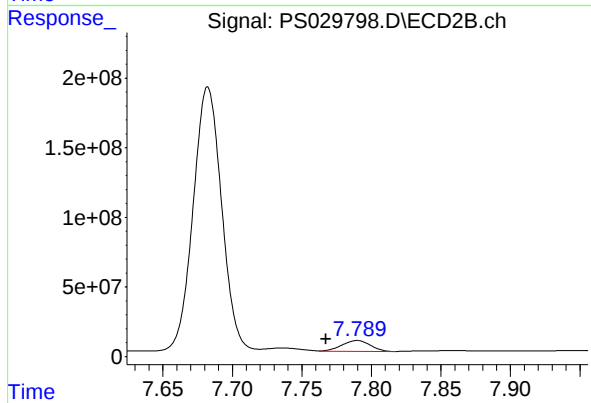
#5 DICAMBA

R.T.: 7.682 min
Delta R.T.: 0.021 min
Response: 2704710688
Conc: 732.32 ng/ml



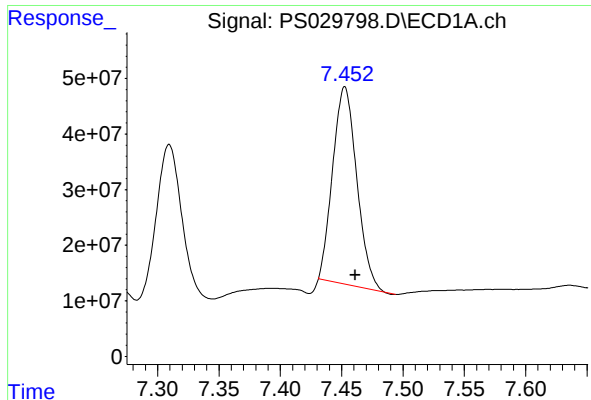
#6 MCP

R.T.: 7.309 min
Delta R.T.: -0.009 min
Response: 396214537
Conc: 73.10 ug/ml



#6 MCP

R.T.: 7.790 min
Delta R.T.: 0.022 min
Response: 111092044
Conc: 65.79 ug/ml



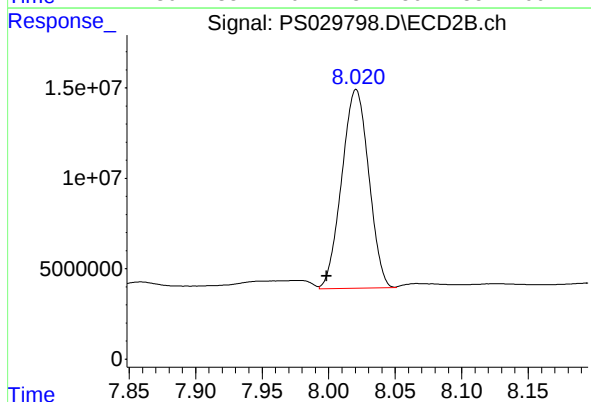
#7 MCPA

R.T.: 7.453 min
Delta R.T.: -0.009 min
Response: 484692462
Conc: 66.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

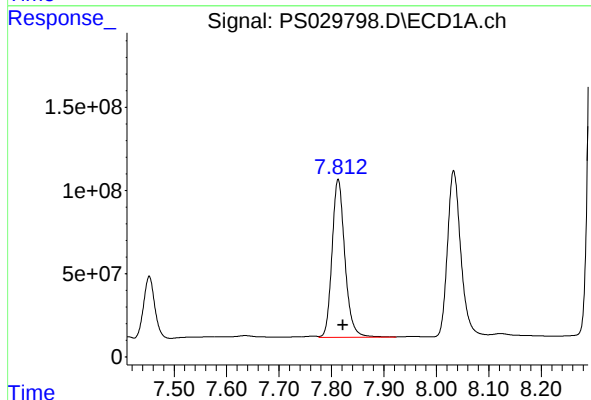
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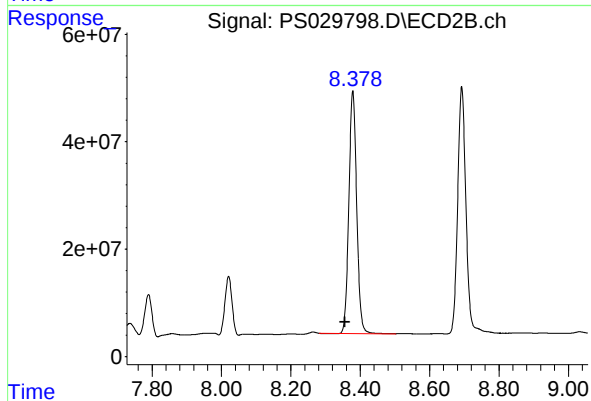
#7 MCPA

R.T.: 8.021 min
Delta R.T.: 0.022 min
Response: 155652141
Conc: 68.41 ug/ml



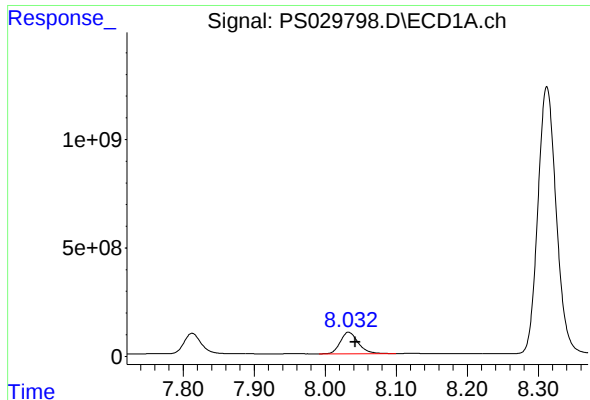
#8 DICHLORPROP

R.T.: 7.813 min
Delta R.T.: -0.009 min
Response: 1612469740
Conc: 733.13 ng/ml



#8 DICHLORPROP

R.T.: 8.379 min
Delta R.T.: 0.022 min
Response: 707023301
Conc: 731.79 ng/ml



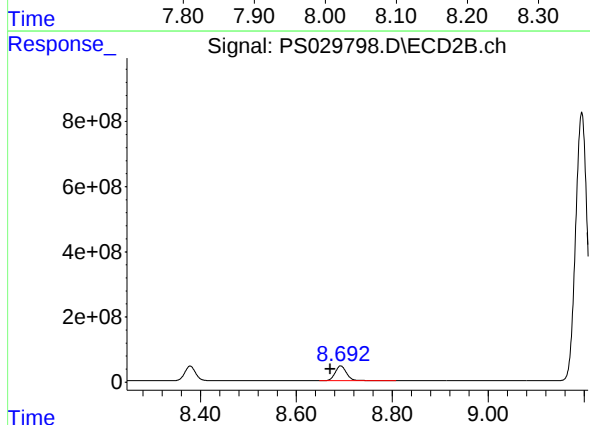
#9 2,4-D

R.T.: 8.033 min
Delta R.T.: -0.009 min
Response: 1764048830
Conc: 732.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

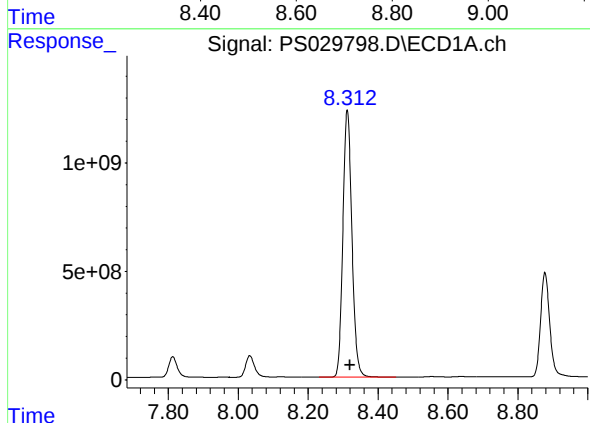
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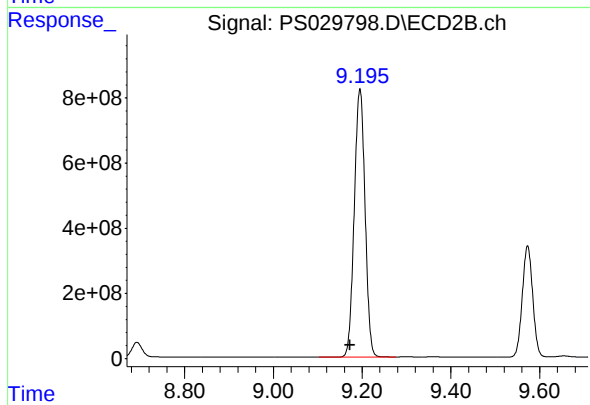
#9 2,4-D

R.T.: 8.693 min
Delta R.T.: 0.022 min
Response: 760849851
Conc: 705.49 ng/ml



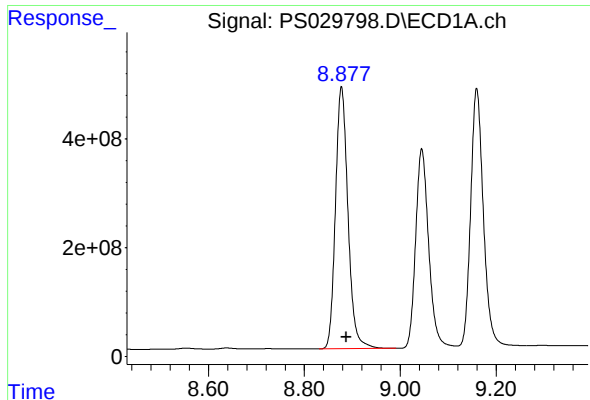
#10 Pentachlorophenol

R.T.: 8.312 min
Delta R.T.: -0.009 min
Response: 22066912594
Conc: 725.77 ng/ml



#10 Pentachlorophenol

R.T.: 9.195 min
Delta R.T.: 0.022 min
Response: 13888201409
Conc: 774.68 ng/ml



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

R.T.: 8.877 min
Delta R.T.: -0.010 min
Response: 8695627430
Conc: 748.63 ng/ml

Instrument :

ECD_S

ClientSampleId :

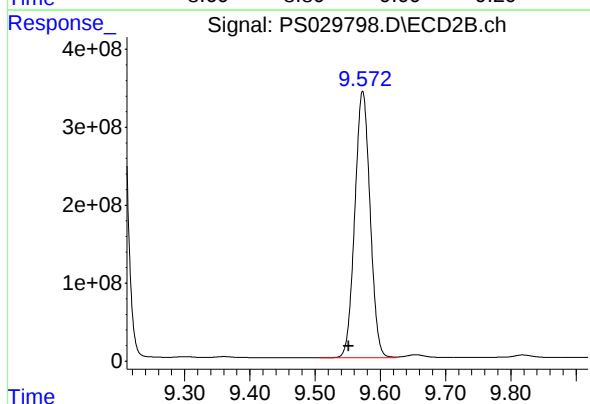
HSTDCCC750

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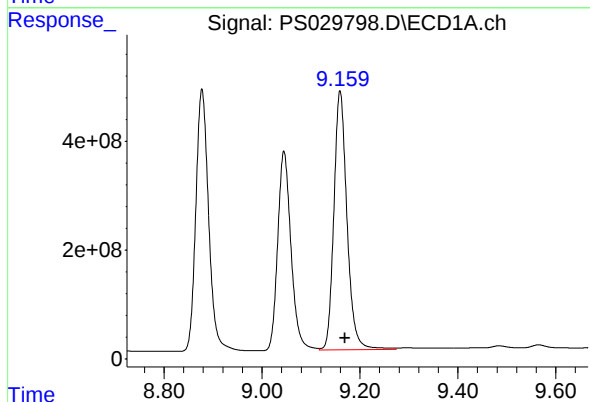
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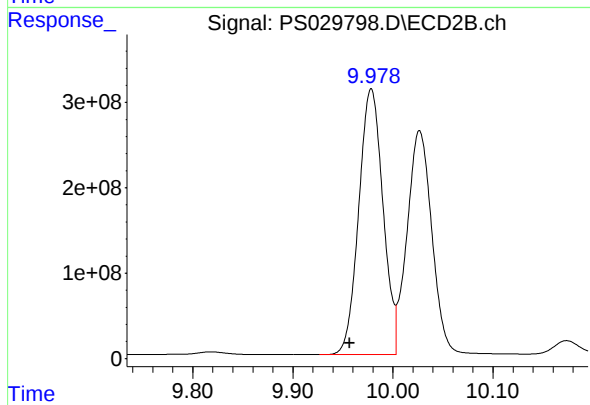
#11 2,4,5-TP (SILVEX)

R.T.: 9.573 min
Delta R.T.: 0.022 min
Response: 5547372645
Conc: 769.08 ng/ml



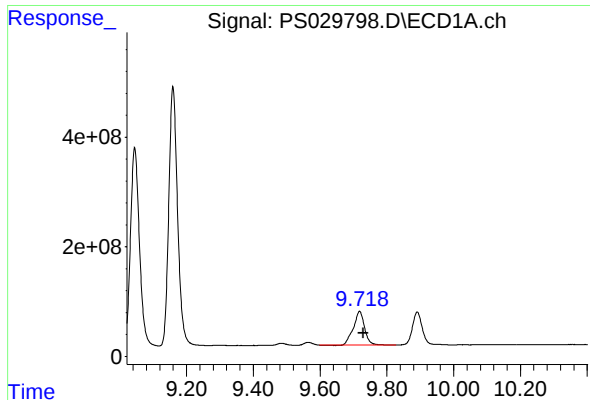
#12 2,4,5-T

R.T.: 9.160 min
Delta R.T.: -0.010 min
Response: 8842715804
Conc: 768.64 ng/ml



#12 2,4,5-T

R.T.: 9.978 min
Delta R.T.: 0.021 min
Response: 5234019226
Conc: 780.87 ng/ml



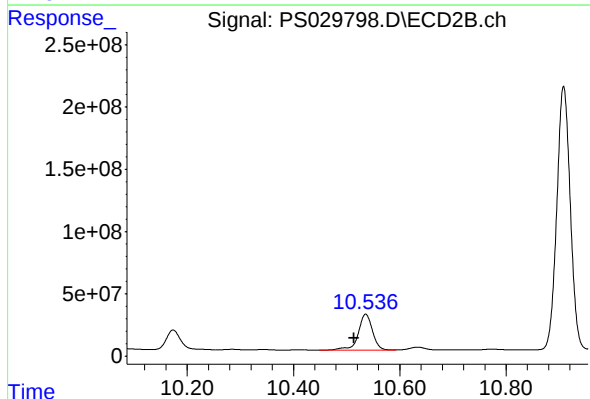
#13 2,4-DB

R.T.: 9.718 min
Delta R.T.: -0.011 min
Response: 1409511173
Conc: 775.84 ng/ml

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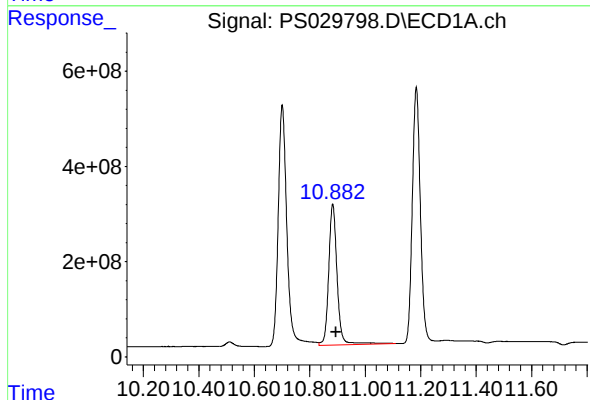
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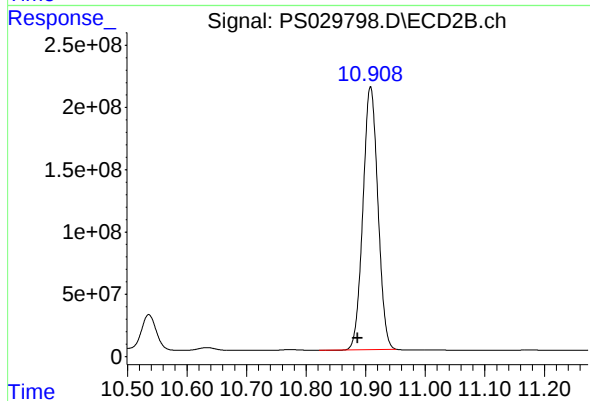
#13 2,4-DB

R.T.: 10.536 min
Delta R.T.: 0.022 min
Response: 535319202
Conc: 721.48 ng/ml



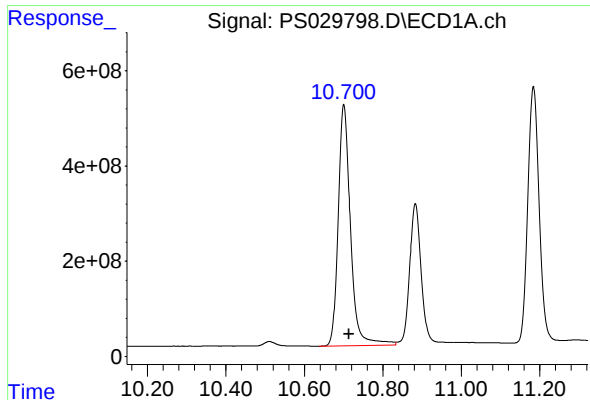
#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.012 min
Response: 6225556032
Conc: 737.45 ng/ml



#14 DINOSEB

R.T.: 10.908 min
Delta R.T.: 0.022 min
Response: 3687071783
Conc: 721.14 ng/ml



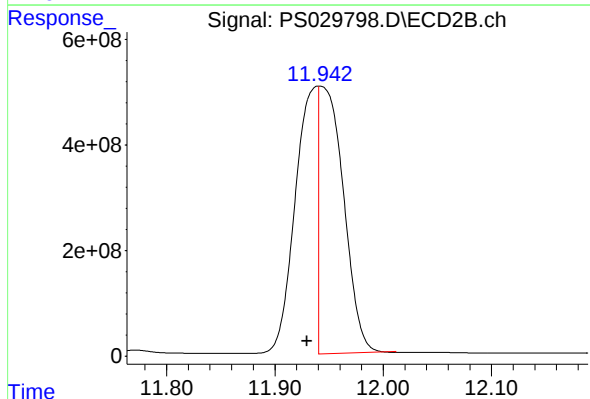
#15 Picloram

R.T.: 10.701 min
Delta R.T.: -0.013 min
Response: 11024201795
Conc: 711.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

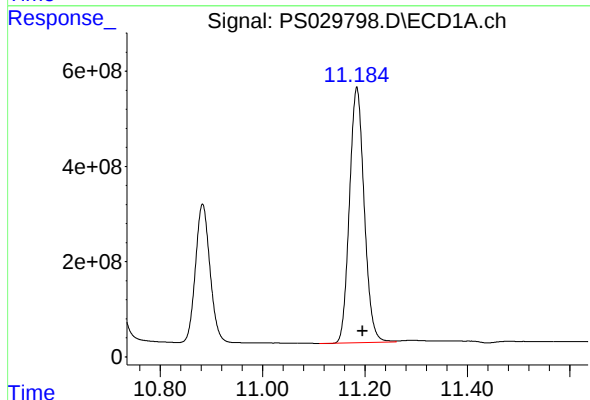
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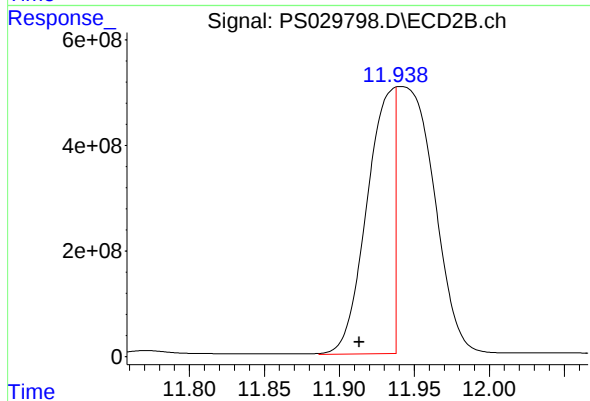
#15 Picloram

R.T.: 11.942 min
Delta R.T.: 0.012 min
Response: 7871798378
Conc: 665.72 ng/ml m



#16 DCPA

R.T.: 11.184 min
Delta R.T.: -0.011 min
Response: 10703196990
Conc: 766.37 ng/ml



#16 DCPA

R.T.: 11.938 min
Delta R.T.: 0.024 min
Response: 6593497220
Conc: 744.97 ng/ml m