

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041625\
 Data File : PS029833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2025 20:49
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/17/2025
 Supervised By : mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:24:29 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	6.952	7.476	1567.7E6	489.5E6	768.903	718.269
Target Compounds							
1) T	Dalapon	2.455	2.531	2366.7E6	1046.7E6	697.660	659.271
2) T	3,5-DICHL...	6.155	6.471	2239.0E6	641.8E6	744.408	664.716
3) T	4-Nitroph...	6.743	7.009	1049.3E6	478.4E6	746.947	674.704
5) T	DICAMBA	7.129	7.662	6255.9E6	2621.2E6	751.736	709.707
6) T	MCP	7.307	7.769	403.1E6	111.3E6	74.377	65.925
7) T	MCPA	7.449	7.999	550.5E6	151.2E6	75.726m	66.467
8) T	DICHLORPROP	7.810	8.357	1548.2E6	663.4E6	703.886	686.691
9) T	2,4-D	8.030	8.671	1735.4E6	738.9E6	720.209	685.158
10) T	Pentachlo...	8.309	9.173	22417.1E6	13673.8E6	737.285	762.716
11) T	2,4,5-TP ...	8.874	9.552	8812.9E6	5455.4E6	758.727	756.329
12) T	2,4,5-T	9.156	9.958	8917.9E6	5121.1E6	775.167	764.026
13) T	2,4-DB	9.714	10.517	1450.6E6	504.6E6	798.474m	680.115m
14) T	DINOSEB	10.880	10.891	6425.0E6	3717.1E6	761.070	727.024
15) T	Picloram	10.698	11.931	11153.2E6	7193.7E6	719.545	608.376m
16) T	DCPA	11.181	11.924	10932.4E6	5845.5E6	782.783	660.456m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041625\
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Acq On : 16 Apr 2025 20:49
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

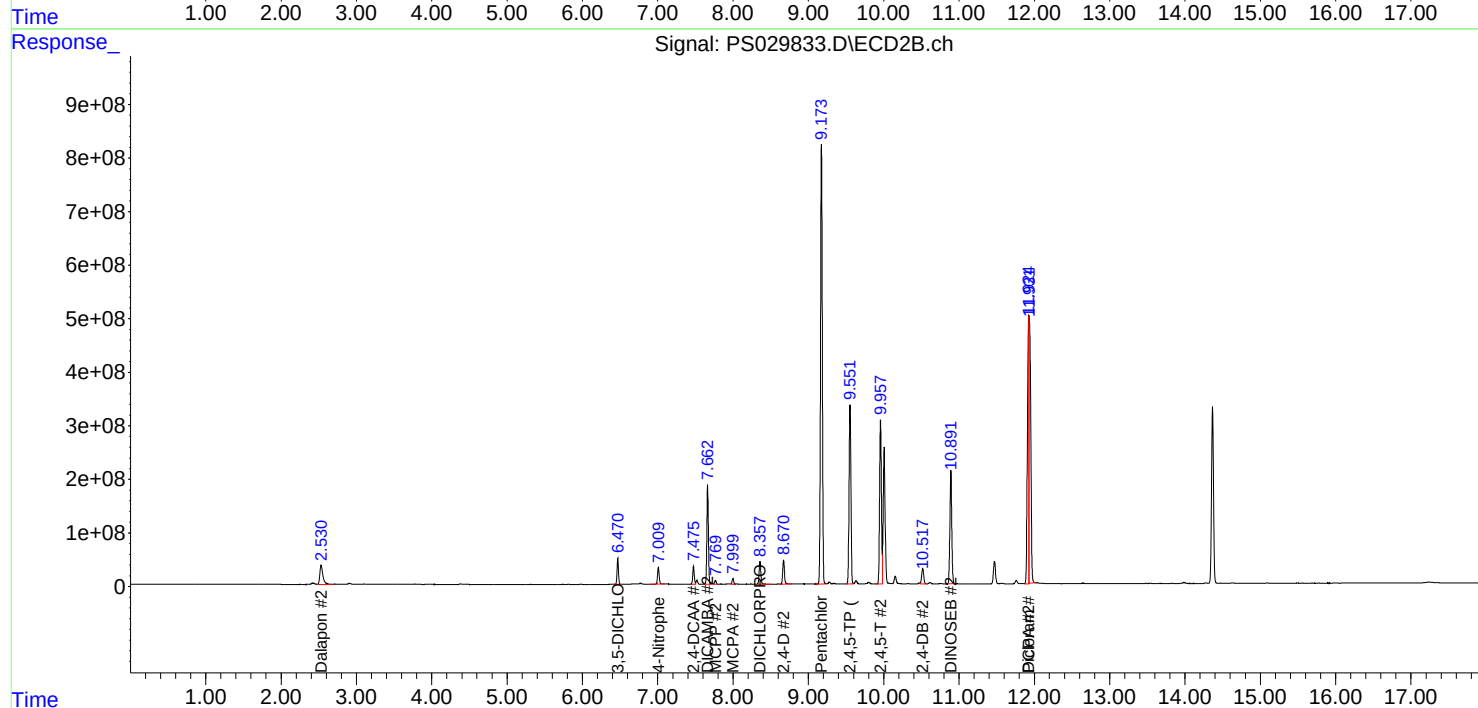
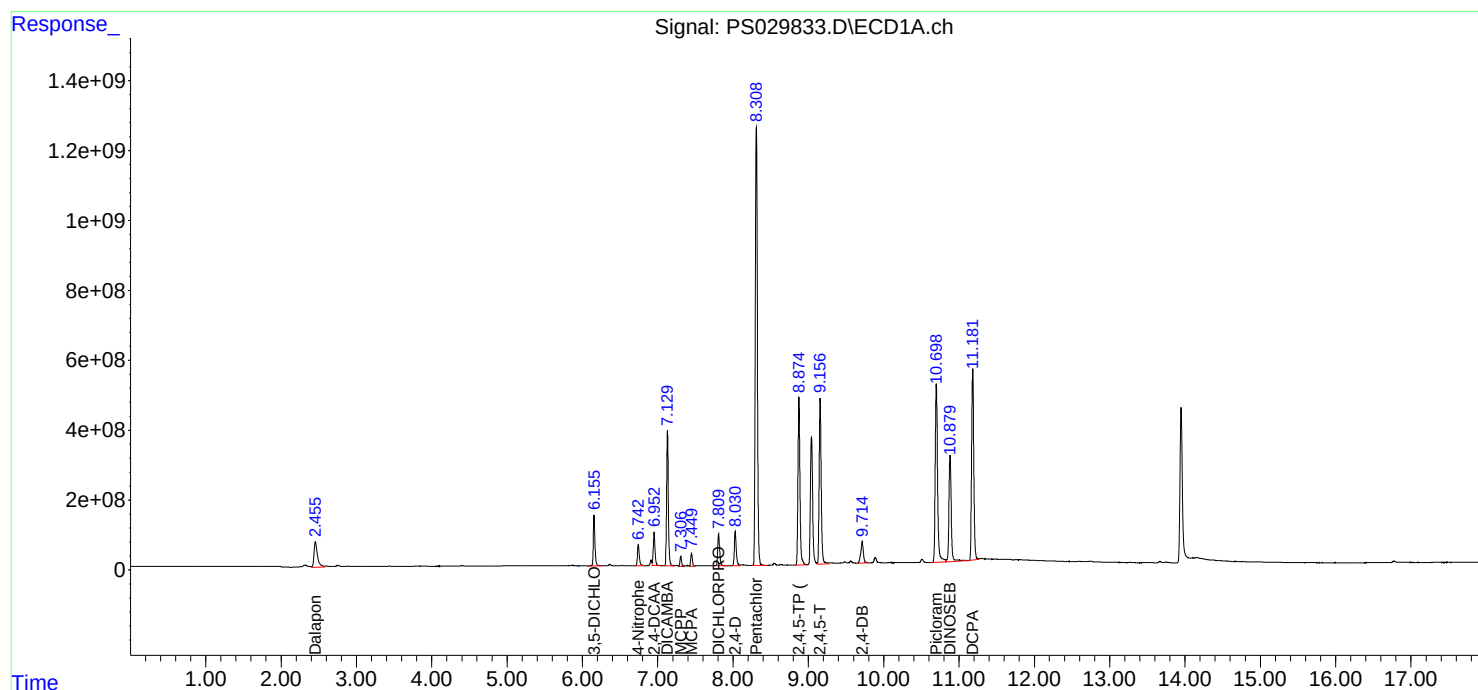
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

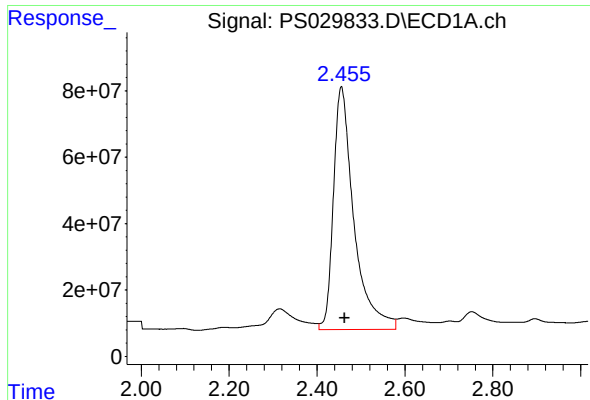
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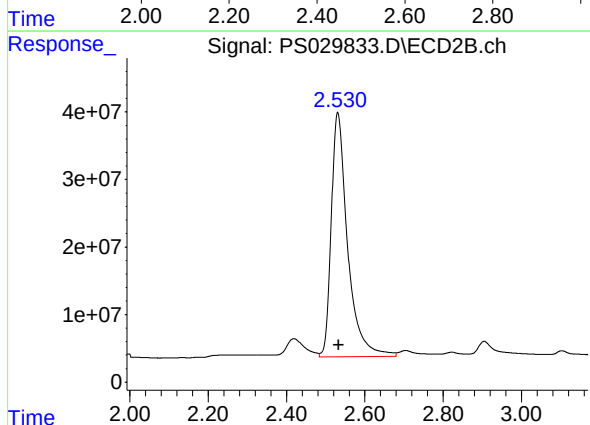
#1 Dalapon

R.T.: 2.455 min
Delta R.T.: -0.008 min
Response: 2366738319
Conc: 697.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

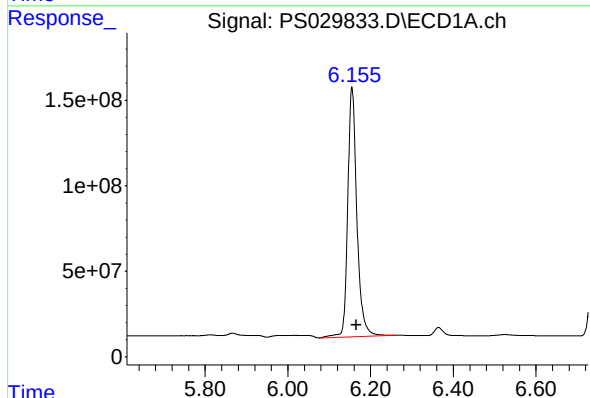
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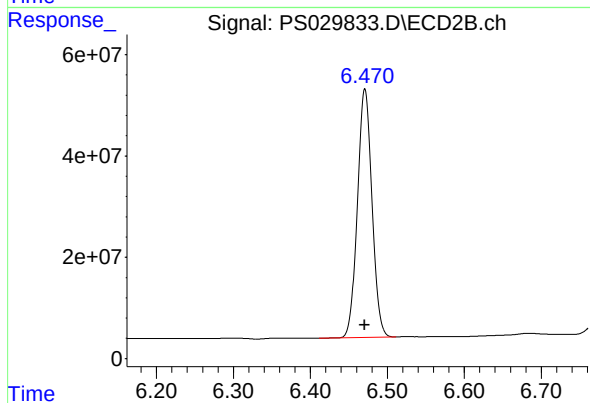
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: -0.003 min
Response: 1046655209
Conc: 659.27 ng/ml



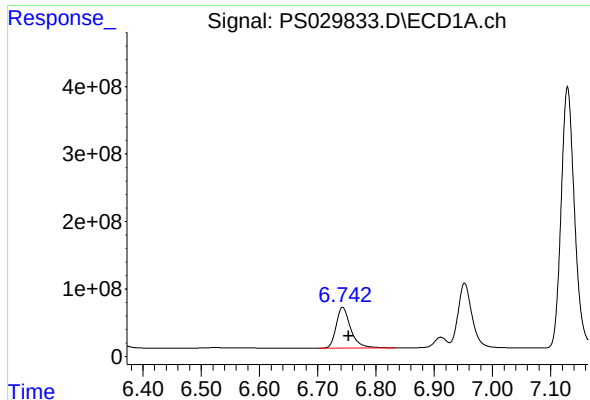
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.155 min
Delta R.T.: -0.010 min
Response: 2239000495
Conc: 744.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 641821043
Conc: 664.72 ng/ml



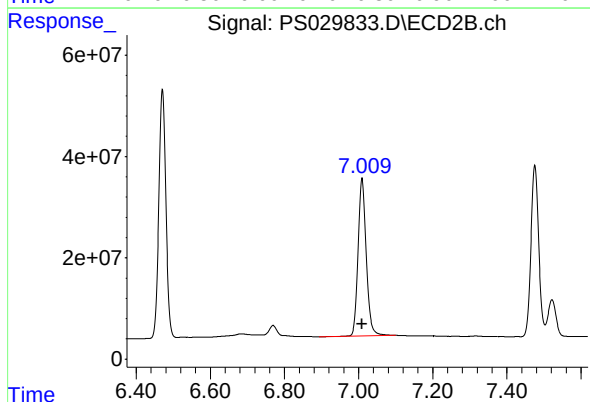
#3 4-Nitrophenol

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 1049310372
Conc: 746.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

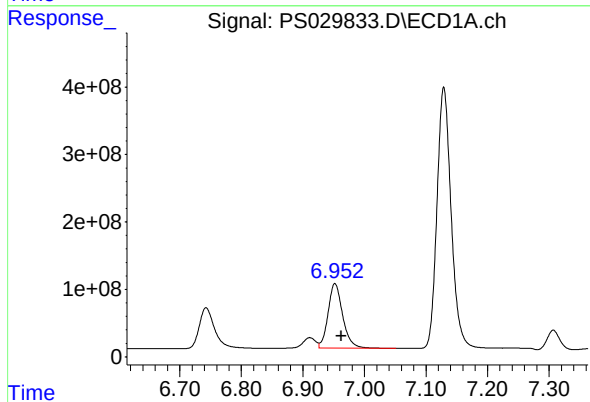
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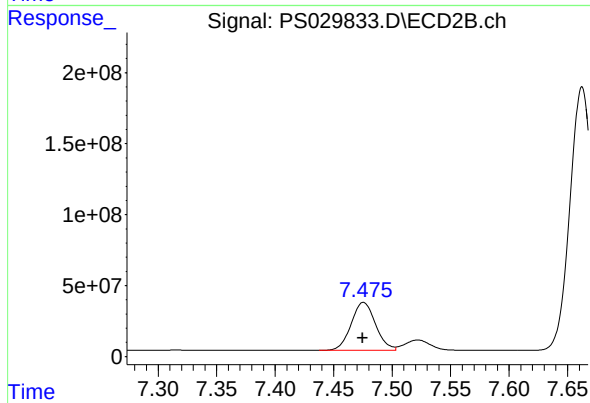
#3 4-Nitrophenol

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 478363883
Conc: 674.70 ng/ml



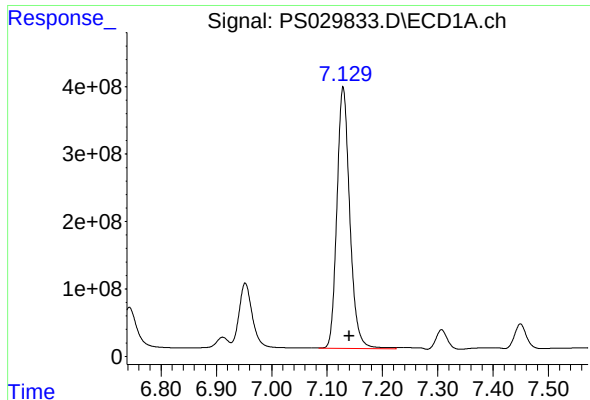
#4 2,4-DCAA

R.T.: 6.952 min
Delta R.T.: -0.010 min
Response: 1567662141
Conc: 768.90 ng/ml



#4 2,4-DCAA

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 489509550
Conc: 718.27 ng/ml



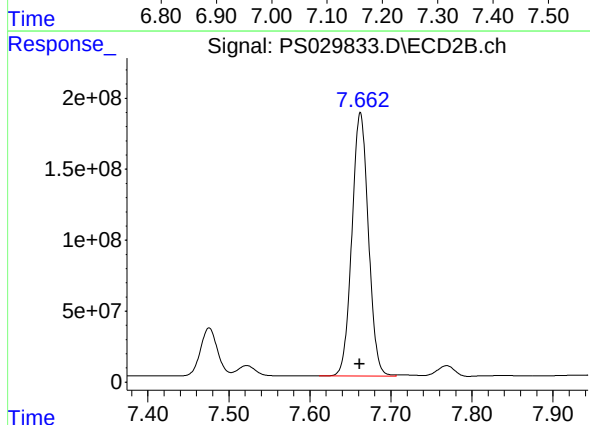
#5 DICAMBA

R.T.: 7.129 min
Delta R.T.: -0.011 min
Response: 6255905120
Conc: 751.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

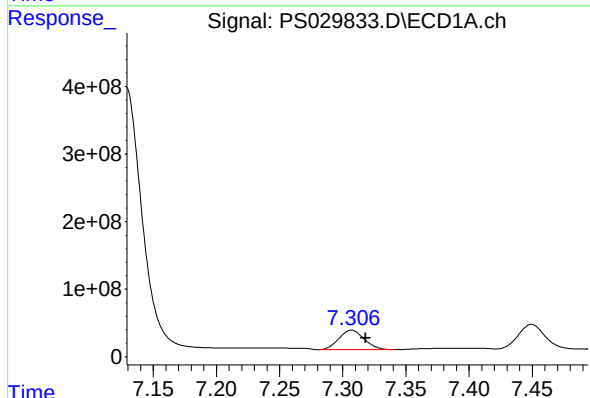
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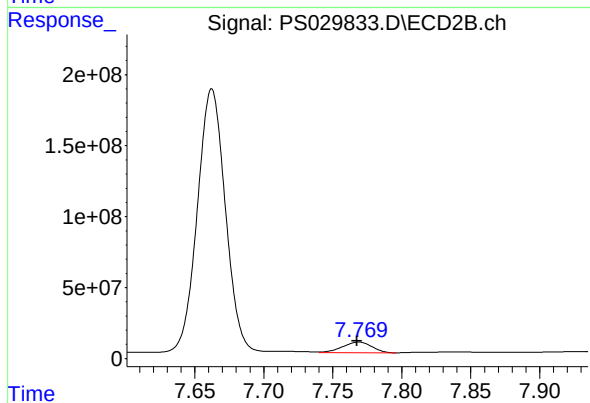
#5 DICAMBA

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 2621208467
Conc: 709.71 ng/ml



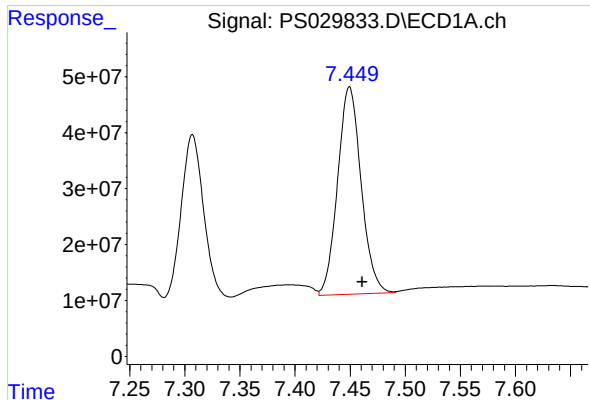
#6 MCPP

R.T.: 7.307 min
Delta R.T.: -0.011 min
Response: 403114517
Conc: 74.38 ug/ml



#6 MCPP

R.T.: 7.769 min
Delta R.T.: 0.001 min
Response: 111312167
Conc: 65.92 ug/ml



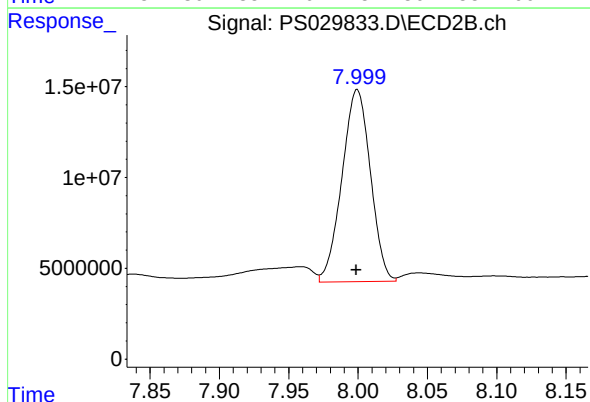
#7 MCPA

R.T.: 7.449 min
Delta R.T.: -0.012 min
Response: 550451688
Conc: 75.73 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

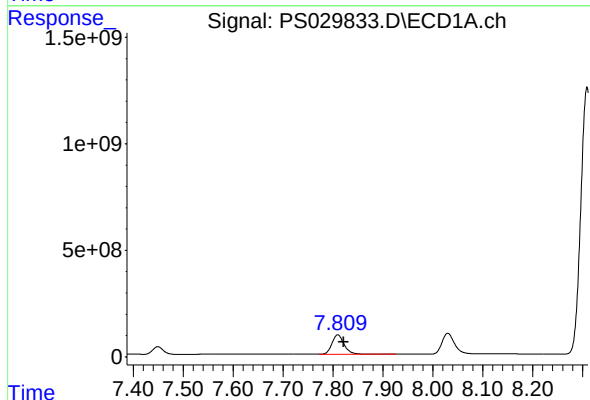
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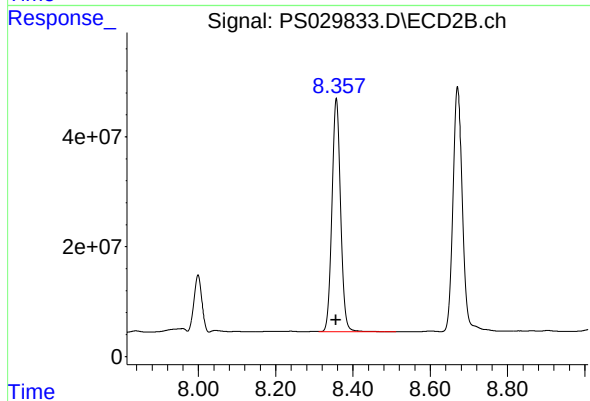
#7 MCPA

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 151231003
Conc: 66.47 ug/ml



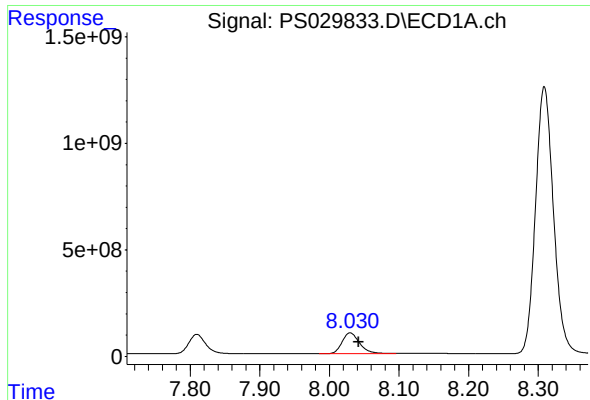
#8 DICHLORPROP

R.T.: 7.810 min
Delta R.T.: -0.012 min
Response: 1548153238
Conc: 703.89 ng/ml



#8 DICHLORPROP

R.T.: 8.357 min
Delta R.T.: 0.000 min
Response: 663448112
Conc: 686.69 ng/ml



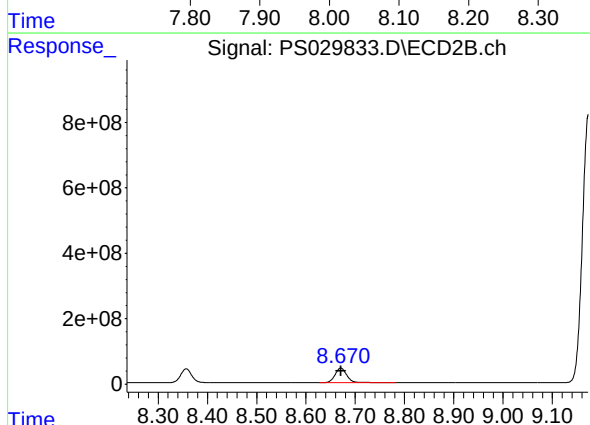
#9 2,4-D

R.T.: 8.030 min
Delta R.T.: -0.012 min
Response: 1735408715
Conc: 720.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

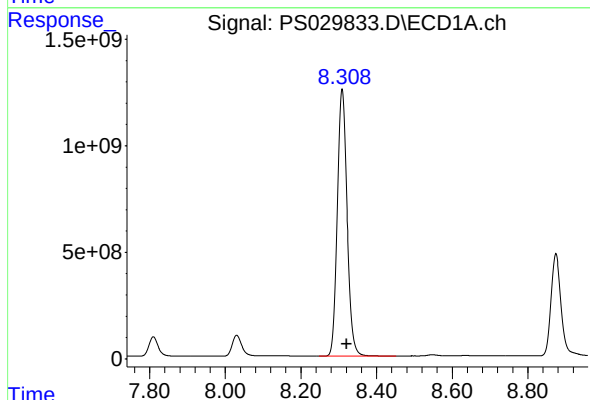
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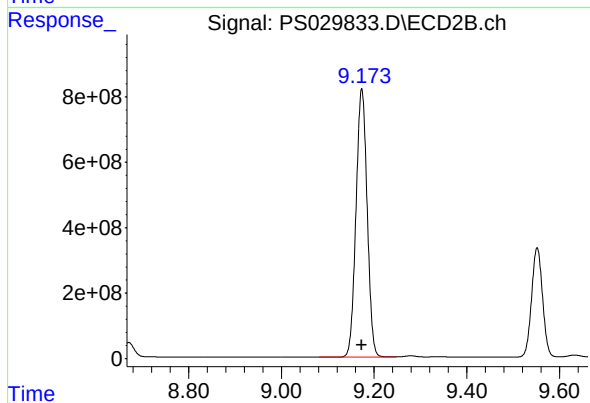
#9 2,4-D

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 738918353
Conc: 685.16 ng/ml



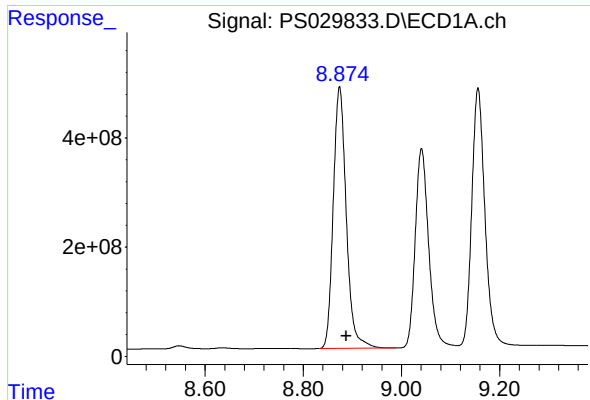
#10 Pentachlorophenol

R.T.: 8.309 min
Delta R.T.: -0.012 min
Response: 22417139190
Conc: 737.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.173 min
Delta R.T.: 0.000 min
Response: 13673756407
Conc: 762.72 ng/ml



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

R.T.: 8.874 min
Delta R.T.: -0.014 min
Response: 8812876455
Conc: 758.73 ng/ml

Instrument :

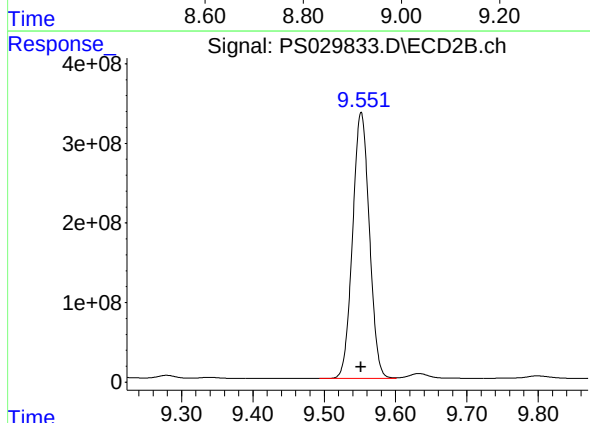
ECD_S

ClientSampleId :

HSTDCCC750

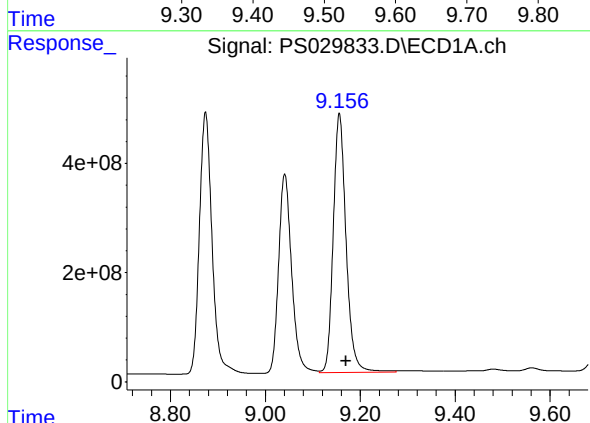
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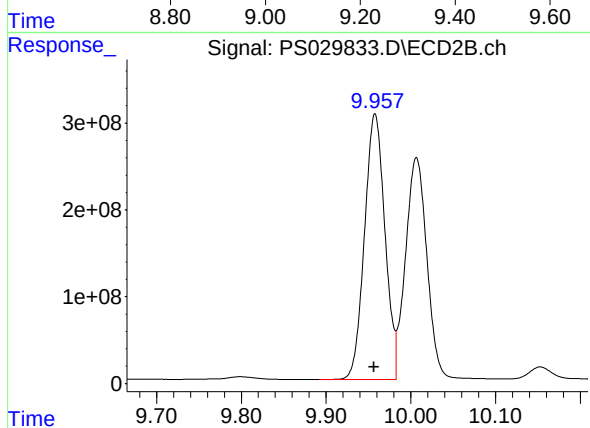
#11 2,4,5-TP (SILVEX)

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 5455368008
Conc: 756.33 ng/ml



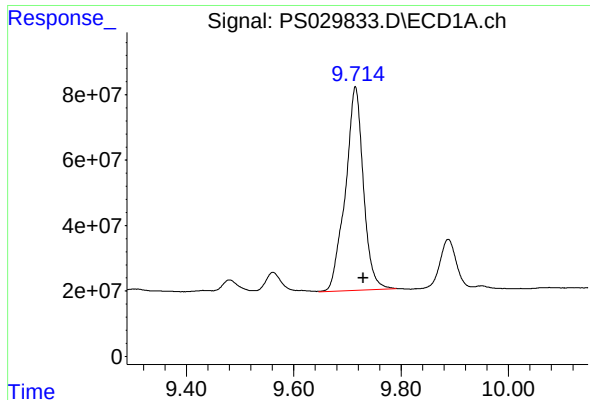
#12 2,4,5-T

R.T.: 9.156 min
Delta R.T.: -0.014 min
Response: 8917856155
Conc: 775.17 ng/ml



#12 2,4,5-T

R.T.: 9.958 min
Delta R.T.: 0.000 min
Response: 5121145668
Conc: 764.03 ng/ml



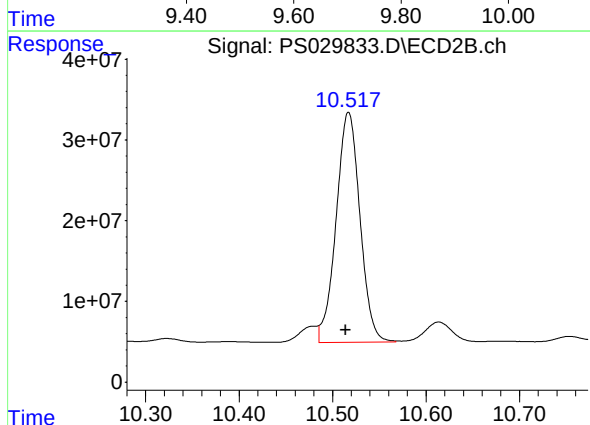
#13 2,4-DB

R.T.: 9.714 min
Delta R.T.: -0.015 min
Response: 1450622784
Conc: 798.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

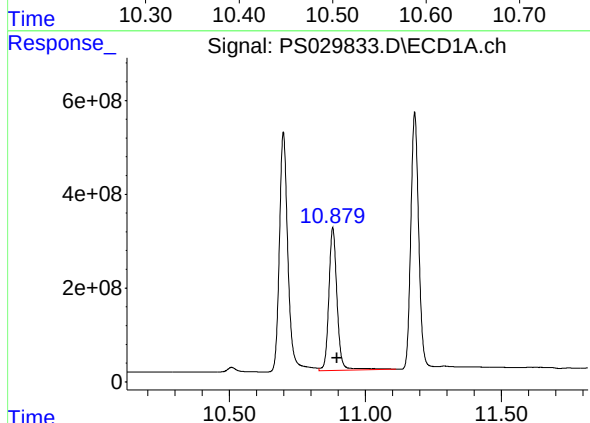
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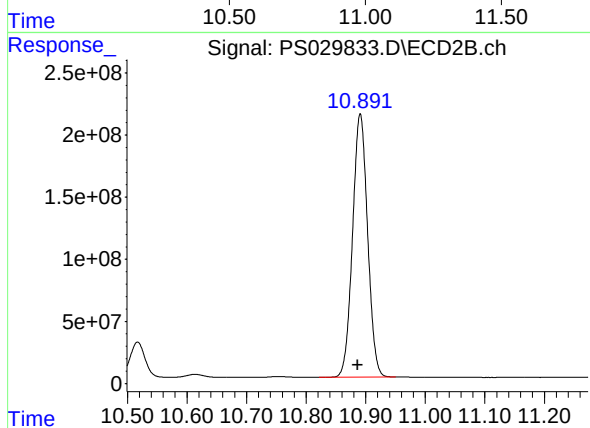
#13 2,4-DB

R.T.: 10.517 min
Delta R.T.: 0.003 min
Response: 504628873
Conc: 680.12 ng/ml



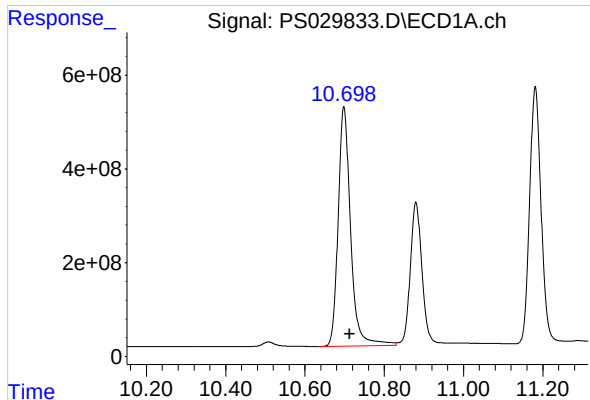
#14 DINOSEB

R.T.: 10.880 min
Delta R.T.: -0.015 min
Response: 6424983890
Conc: 761.07 ng/ml



#14 DINOSEB

R.T.: 10.891 min
Delta R.T.: 0.004 min
Response: 3717131578
Conc: 727.02 ng/ml



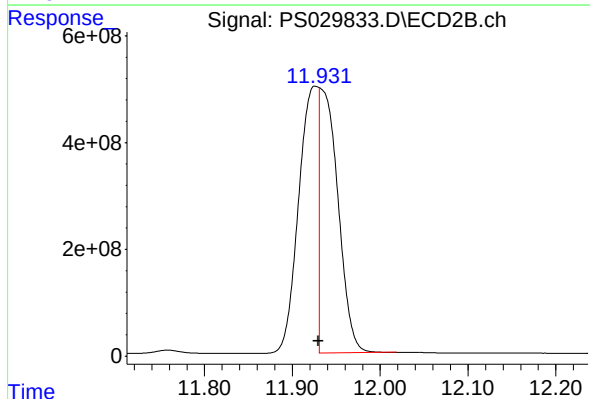
#15 Picloram

R.T.: 10.698 min
Delta R.T.: -0.015 min
Response: 11153225964
Conc: 719.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

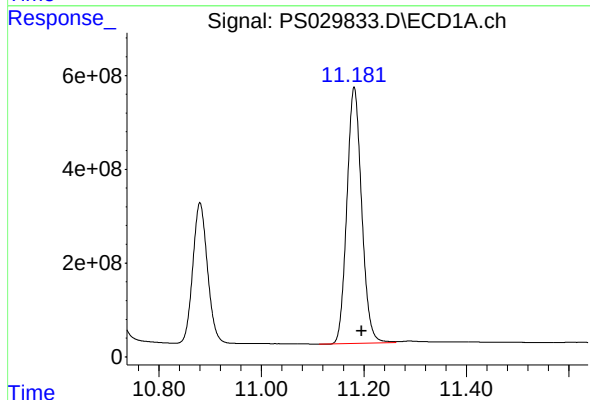
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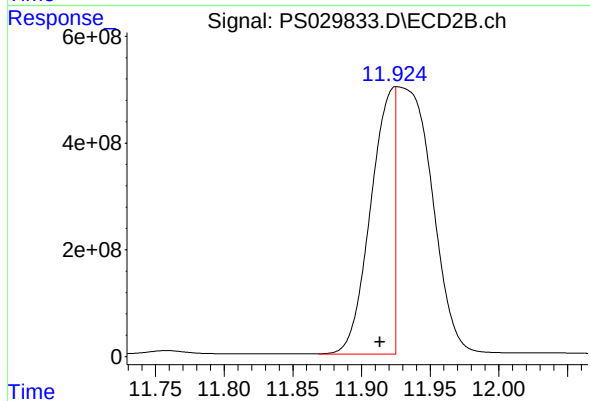
#15 Picloram

R.T.: 11.931 min
Delta R.T.: 0.000 min
Response: 7193697091
Conc: 608.38 ng/ml m



#16 DCPA

R.T.: 11.181 min
Delta R.T.: -0.014 min
Response: 10932428713
Conc: 782.78 ng/ml



#16 DCPA

R.T.: 11.924 min
Delta R.T.: 0.011 min
Response: 5845471880
Conc: 660.46 ng/ml m