

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061925\
 Data File : PS030753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 09:25
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2025
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 23:03:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.348	7.769	2783.6E6	804.6E6	757.567m	750.611
Target Compounds							
1) T	Dalapon	2.713	2.711	4156.0E6	1861.4E6	696.659	678.897
2) T	3,5-DICHL...	6.508	6.715	3818.4E6	1129.3E6	710.061	700.037
3) T	4-Nitroph...	7.148	7.302	1067.9E6	1188.9E6	677.282	685.845
5) T	DICAMBA	7.539	7.972	11213.8E6	4727.1E6	737.020	721.346
6) T	MCPD	7.720	8.072	700.2E6	162.2E6	74.582	77.331
7) T	MCPA	7.871	8.321	849.5E6	230.7E6	72.416	73.330
8) T	DICHLORPROP	8.253	8.691	2523.3E6	1079.6E6	673.638	686.564
9) T	2,4-D	8.485	9.027	2349.8E6	1162.7E6	682.198	684.158
10) T	Pentachlo...	8.793	9.552	39367.5E6	28098.2E6	743.830	737.059
11) T	2,4,5-TP ...	9.373	9.933	14503.6E6	10346.3E6	724.081	717.064
12) T	2,4,5-T	9.668	10.359	11958.1E6	9942.2E6	726.797	727.585
13) T	2,4-DB	10.246	10.926	1747.7E6	842.6E6	762.024	712.334
14) T	DINOSEB	11.465	11.312	9923.6E6	7683.8E6	715.306	712.699
15) T	Picloram	11.275	12.421	11385.0E6	17111.2E6	708.194	736.237
16) T	DCPA	11.761	12.357	18964.7E6	16120.4E6	740.340	731.324

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

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Acq On : 19 Jun 2025 09:25
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

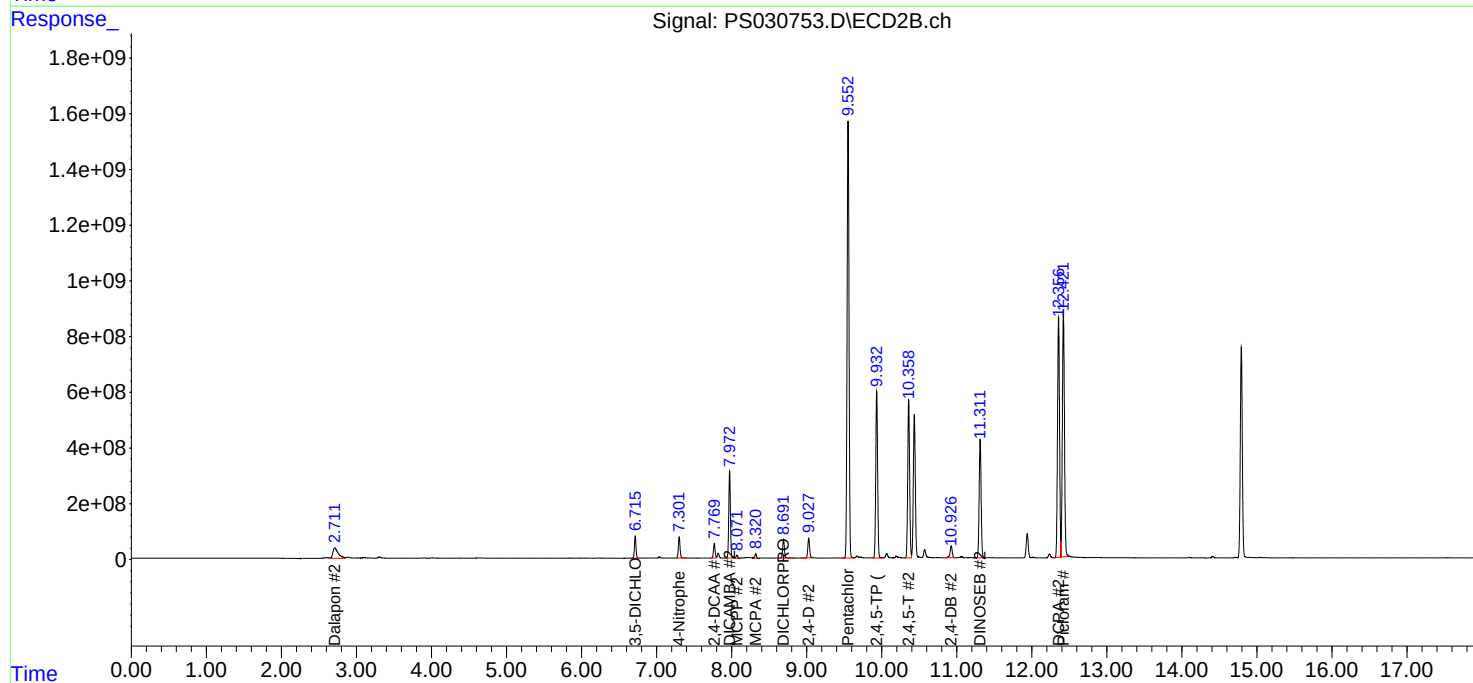
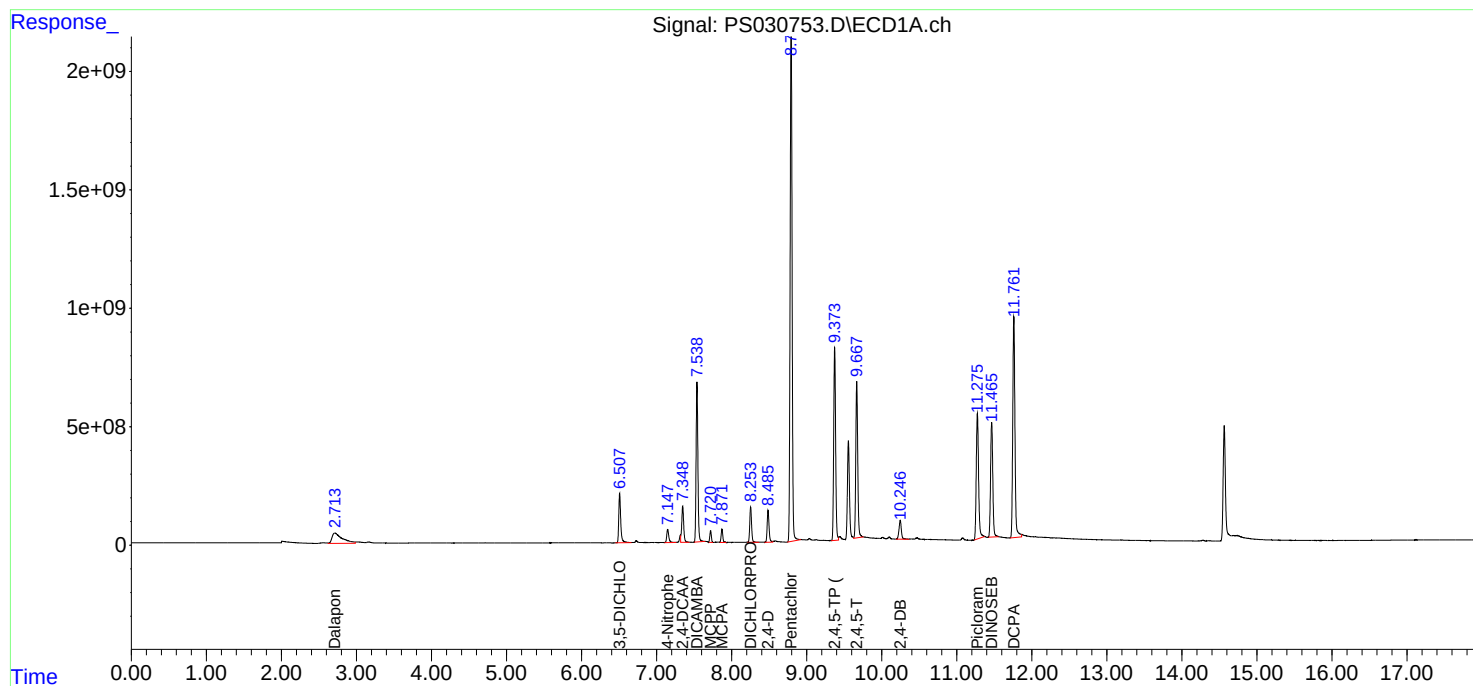
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

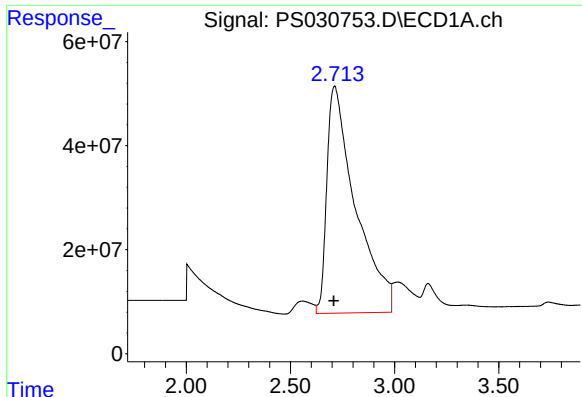
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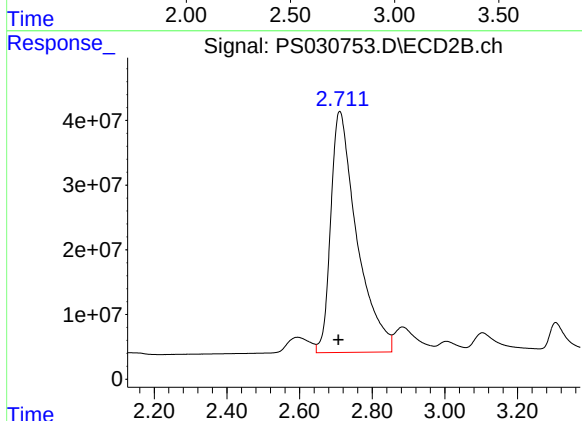
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: 0.005 min
Response: 4156010694
Conc: 696.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

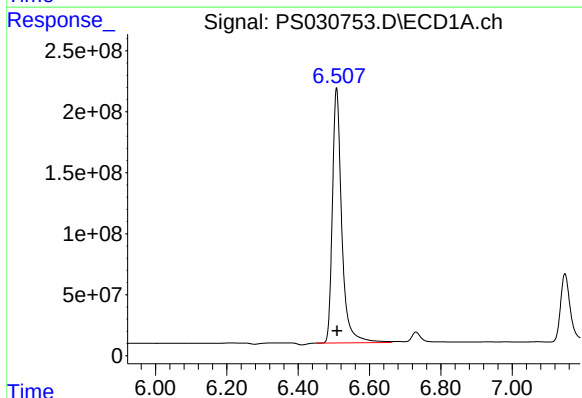
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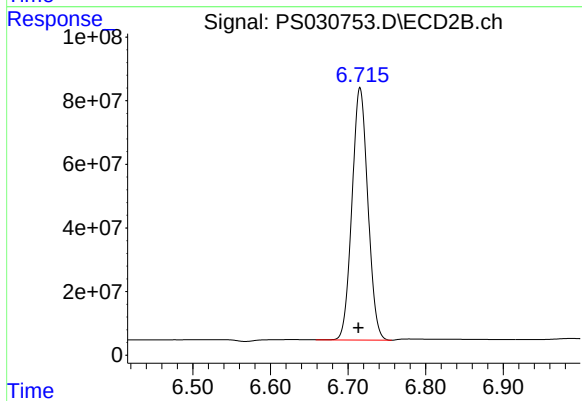
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1861359995
Conc: 678.90 ng/ml



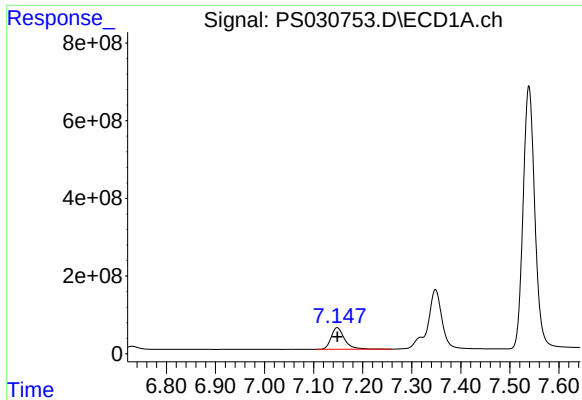
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: -0.001 min
Response: 3818390985
Conc: 710.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 1129264255
Conc: 700.04 ng/ml



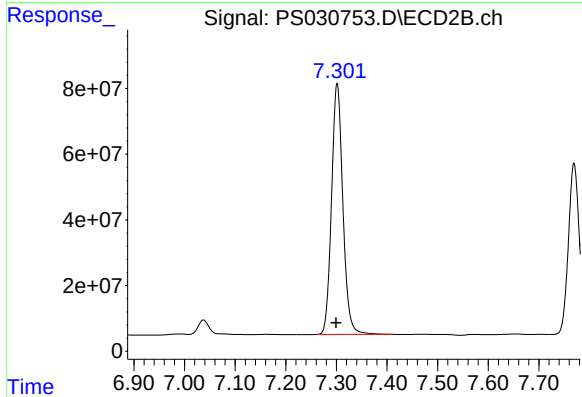
#3 4-Nitrophenol

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 1067916333
Conc: 677.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

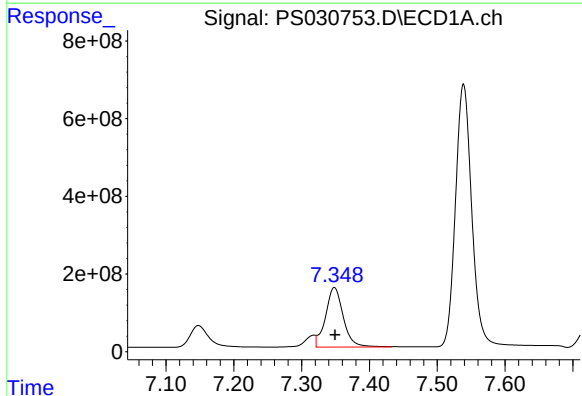
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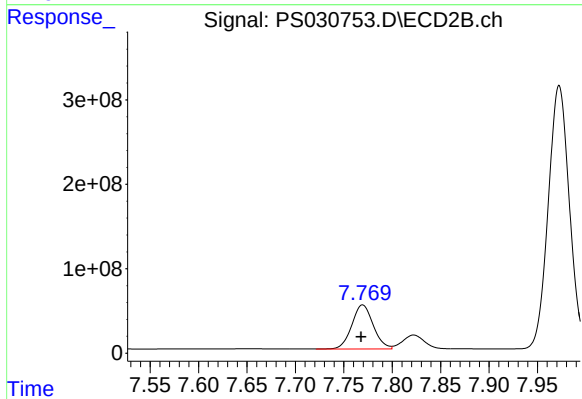
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 1188936026
Conc: 685.84 ng/ml



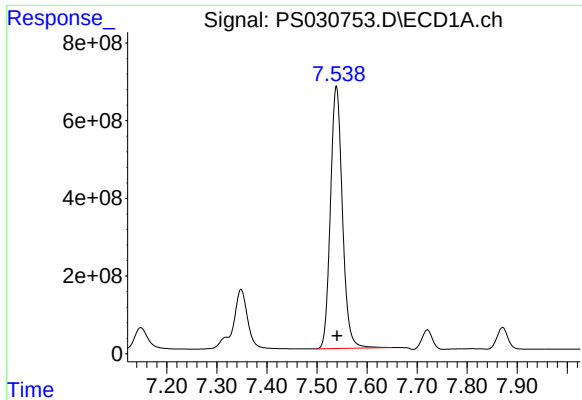
#4 2,4-DCAA

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 2783598908
Conc: 757.57 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 804627971
Conc: 750.61 ng/ml



#5 DICAMBA

R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 11213825340
Conc: 737.02 ng/ml

Instrument :

ECD_S

ClientSampleId :

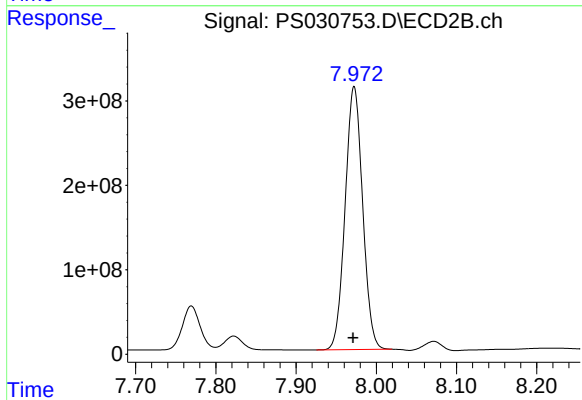
HSTDCCC750

Manual Integrations

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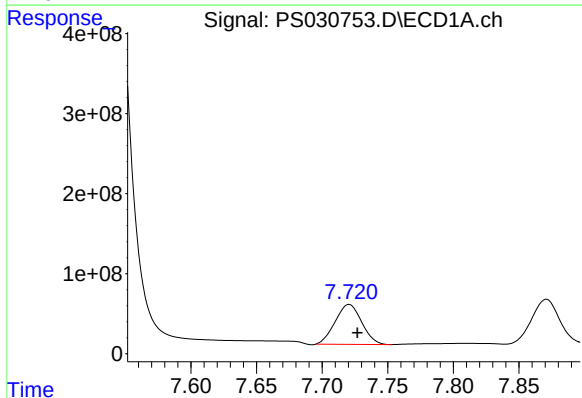
Reviewed By :Abdul Mirza 06/20/2025

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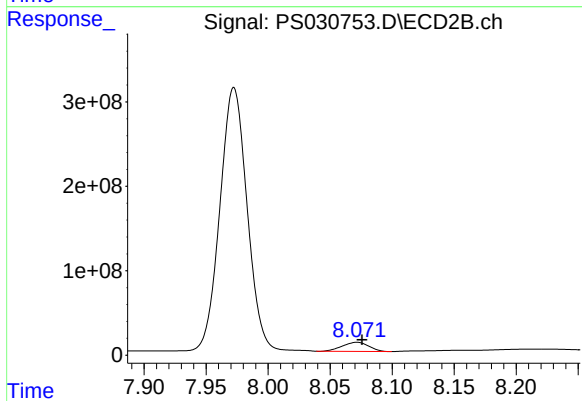
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.001 min
Response: 4727131982
Conc: 721.35 ng/ml



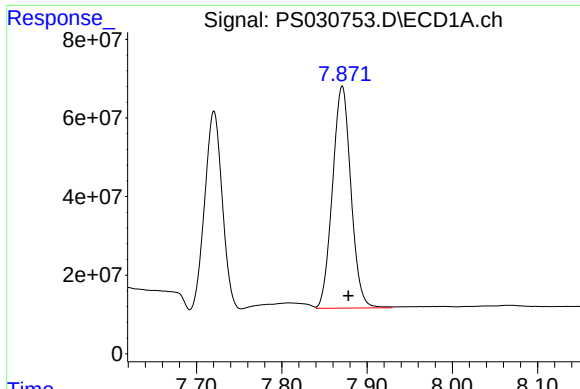
#6 MCP

R.T.: 7.720 min
Delta R.T.: -0.006 min
Response: 700197265
Conc: 74.58 ug/ml



#6 MCP

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 162188382
Conc: 77.33 ug/ml



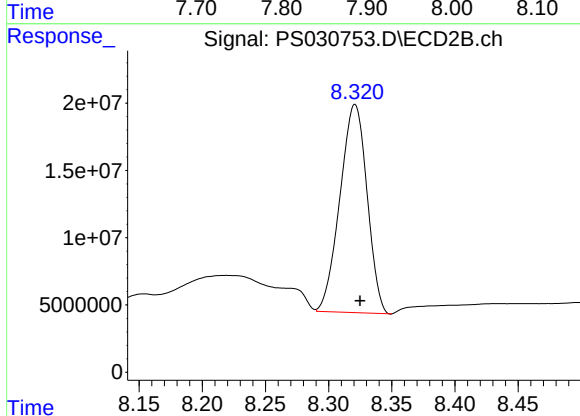
#7 MCPA

R.T.: 7.871 min
Delta R.T.: -0.007 min
Response: 849483916
Conc: 72.42 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

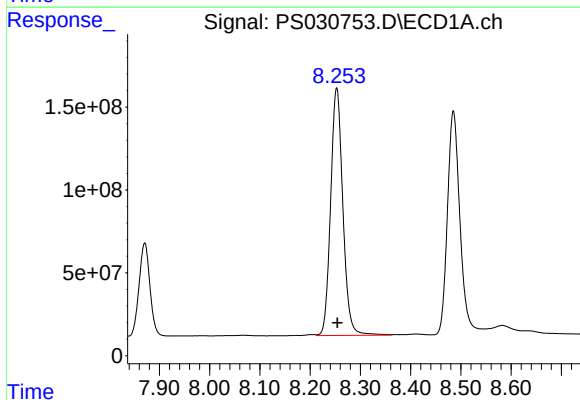
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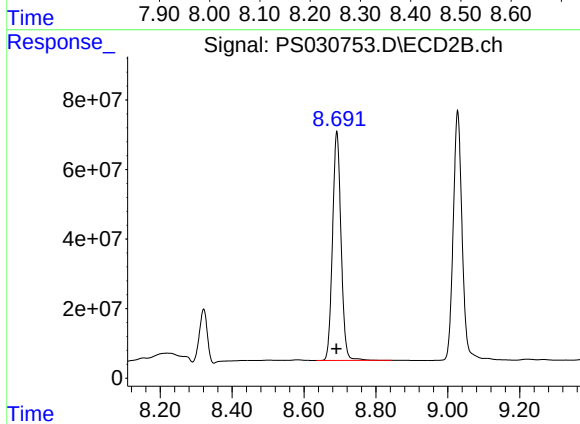
#7 MCPA

R.T.: 8.321 min
Delta R.T.: -0.004 min
Response: 230677189
Conc: 73.33 ug/ml



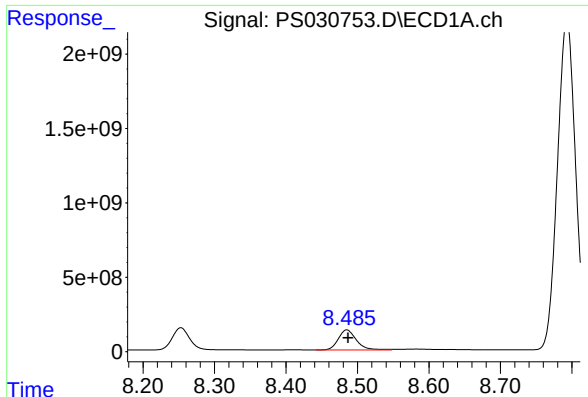
#8 DICHLORPROP

R.T.: 8.253 min
Delta R.T.: -0.001 min
Response: 2523287595
Conc: 673.64 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.001 min
Response: 1079619597
Conc: 686.56 ng/ml



#9 2,4-D

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 2349772198
Conc: 682.20 ng/ml

Instrument :

ECD_S

ClientSampleId :

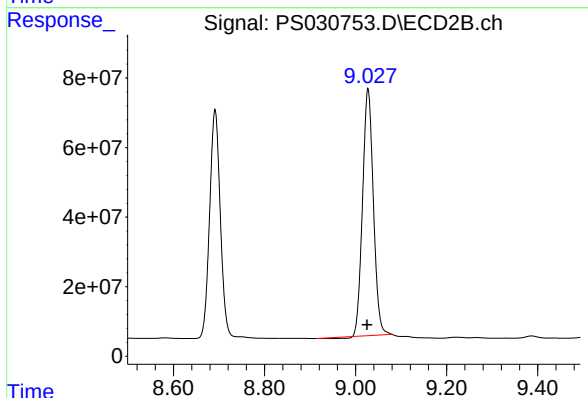
HSTDCCC750

Manual Integrations

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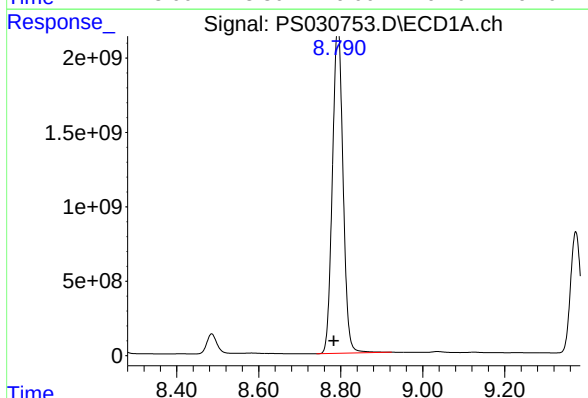
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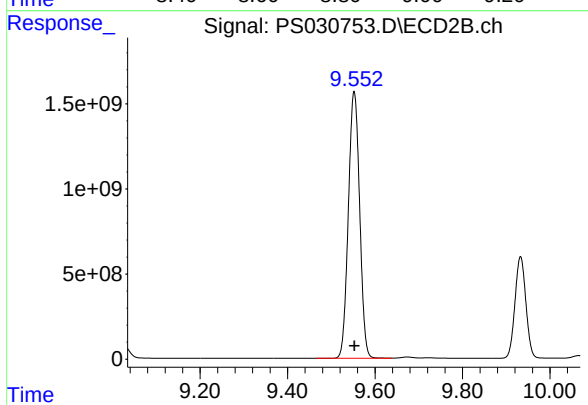
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.002 min
Response: 1162661105
Conc: 684.16 ng/ml



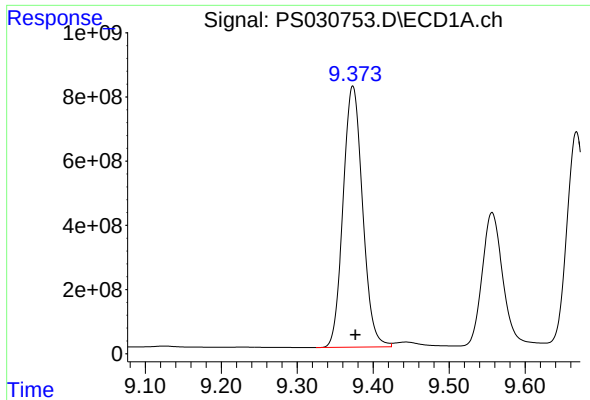
#10 Pentachlorophenol

R.T.: 8.793 min
Delta R.T.: 0.010 min
Response: 39367509442
Conc: 743.83 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 28098215297
Conc: 737.06 ng/ml



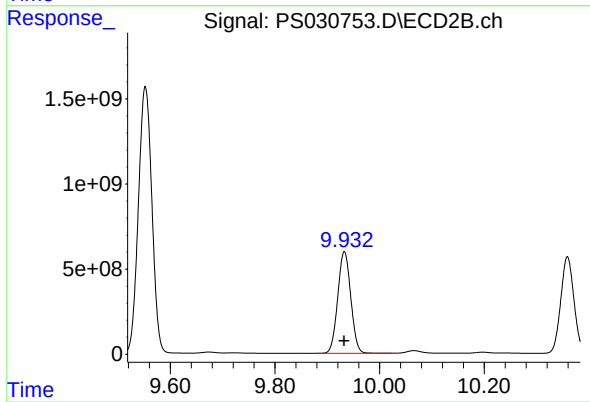
#11 2,4,5-TP (SILVEX)

R.T.: 9.373 min
Delta R.T.: -0.003 min
Response: 14503626696
Conc: 724.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

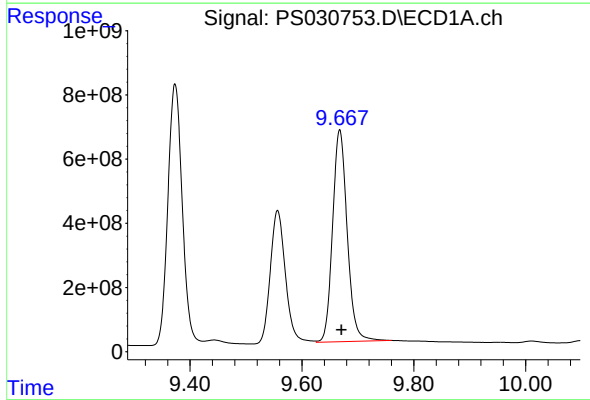
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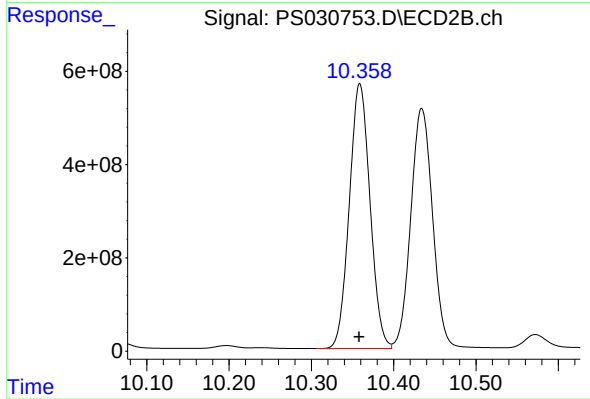
#11 2,4,5-TP (SILVEX)

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 10346302750
Conc: 717.06 ng/ml



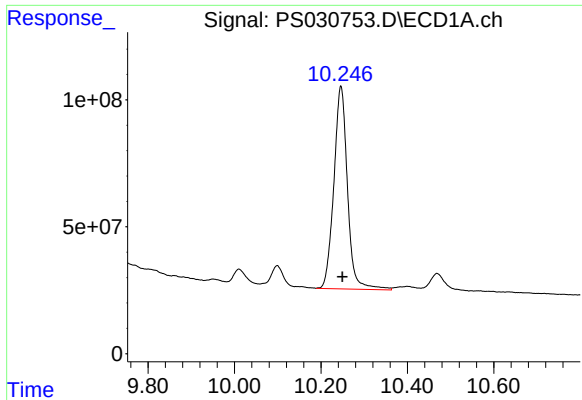
#12 2,4,5-T

R.T.: 9.668 min
Delta R.T.: -0.003 min
Response: 11958096310
Conc: 726.80 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.001 min
Response: 9942177962
Conc: 727.59 ng/ml



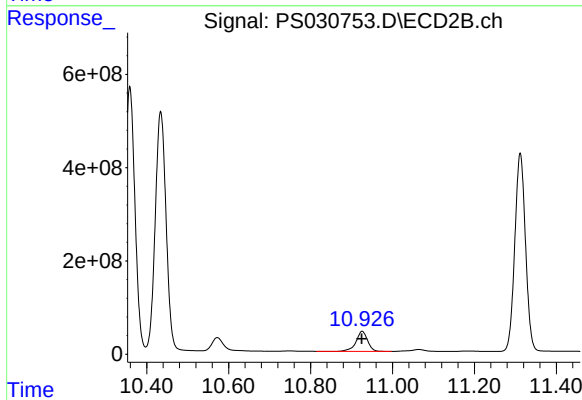
#13 2,4-DB

R.T.: 10.246 min
Delta R.T.: -0.004 min
Response: 1747703486
Conc: 762.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

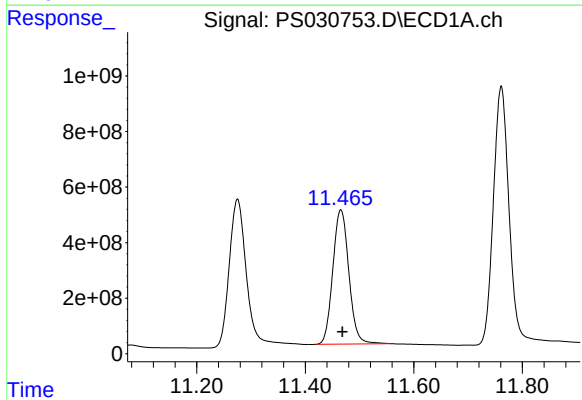
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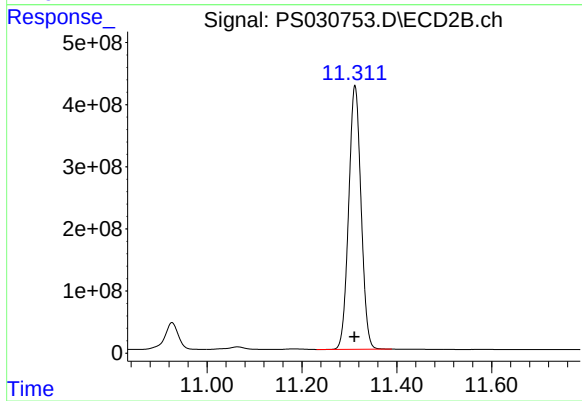
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 842622764
Conc: 712.33 ng/ml



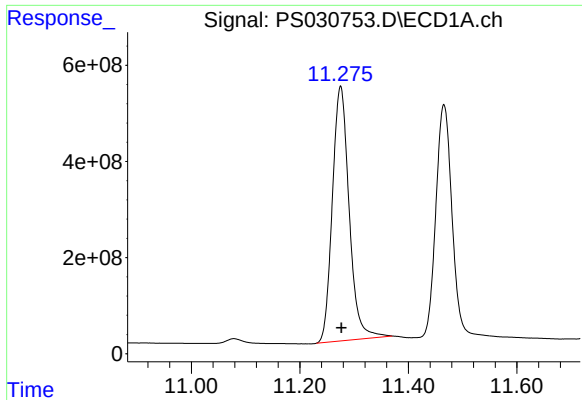
#14 DINOSEB

R.T.: 11.465 min
Delta R.T.: -0.003 min
Response: 9923574427
Conc: 715.31 ng/ml



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: 0.000 min
Response: 7683779500
Conc: 712.70 ng/ml



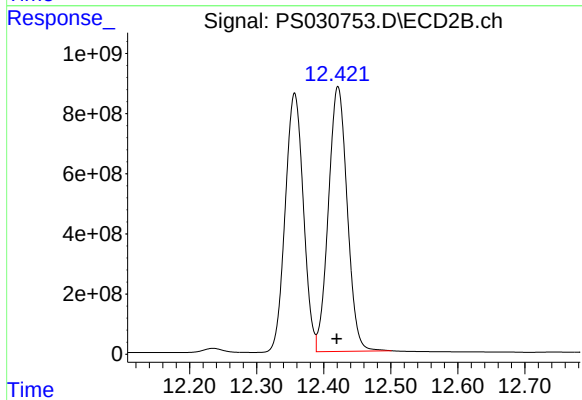
#15 Picloram

R.T.: 11.275 min
Delta R.T.: -0.001 min
Response: 11385000451
Conc: 708.19 ng/ml

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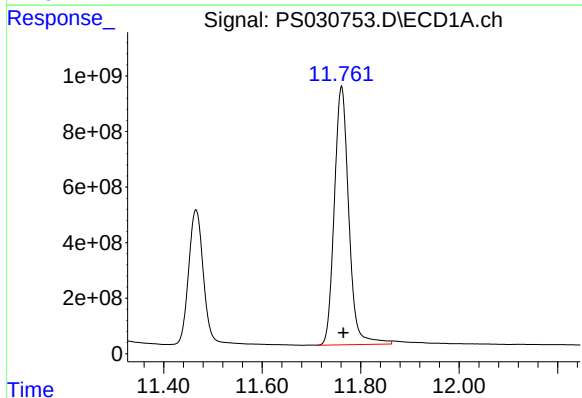
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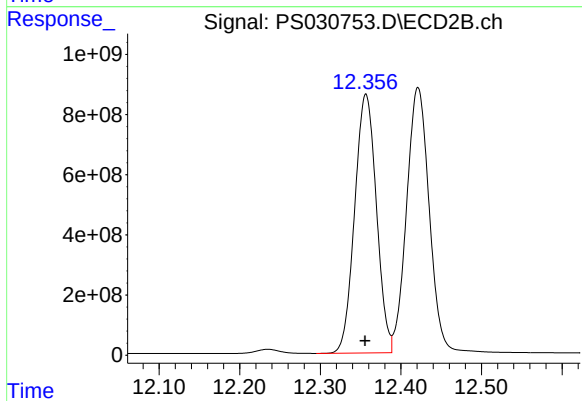
#15 Picloram

R.T.: 12.421 min
Delta R.T.: 0.002 min
Response: 17111189552
Conc: 736.24 ng/ml



#16 DCPA

R.T.: 11.761 min
Delta R.T.: -0.004 min
Response: 18964743203
Conc: 740.34 ng/ml



#16 DCPA

R.T.: 12.357 min
Delta R.T.: 0.001 min
Response: 16120430959
Conc: 731.32 ng/ml