

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062025\
 Data File : PS030792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 22:32
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 00:41:06 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	7.344	7.768	2757.9E6	821.4E6	750.584	766.226
Target Compounds							
1) T	Dalapon	2.705	2.711	4028.2E6	1855.0E6	675.241	676.560
2) T	3,5-DICHL...	6.504	6.714	3781.6E6	1152.5E6	703.211	714.423
3) T	4-Nitroph...	7.144	7.300	1135.3E6	1233.3E6	719.999	711.417
5) T	DICAMBA	7.534	7.971	11201.9E6	4840.7E6	736.237	738.674
6) T	MCPD	7.716	8.070	673.4E6	167.9E6	71.732	80.070
7) T	MCPA	7.866	8.319	880.3E6	238.9E6	75.039	75.933
8) T	DICHLORPROP	8.248	8.690	2565.8E6	1106.1E6	684.990	703.376
9) T	2,4-D	8.480	9.026	2489.0E6	1202.2E6	722.626	707.450
10) T	Pentachlo...	8.788	9.551	39596.0E6	28888.2E6	748.147	757.781
11) T	2,4,5-TP ...	9.368	9.931	15077.5E6	10709.8E6	752.730	742.254
12) T	2,4,5-T	9.662	10.357	13087.2E6	10321.5E6	795.421	755.348
13) T	2,4-DB	10.239	10.925	1874.9E6	869.5E6	817.484m	735.054
14) T	DINOSEB	11.457	11.310	10419.6E6	7922.8E6	751.064m	734.869
15) T	Picloram	11.267	12.419	13064.6E6	17987.9E6	812.674m	773.957
16) T	DCPA	11.754	12.354	19883.1E6	16669.8E6	776.190	756.249m

(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 : 23 Sample Multiplier: 1

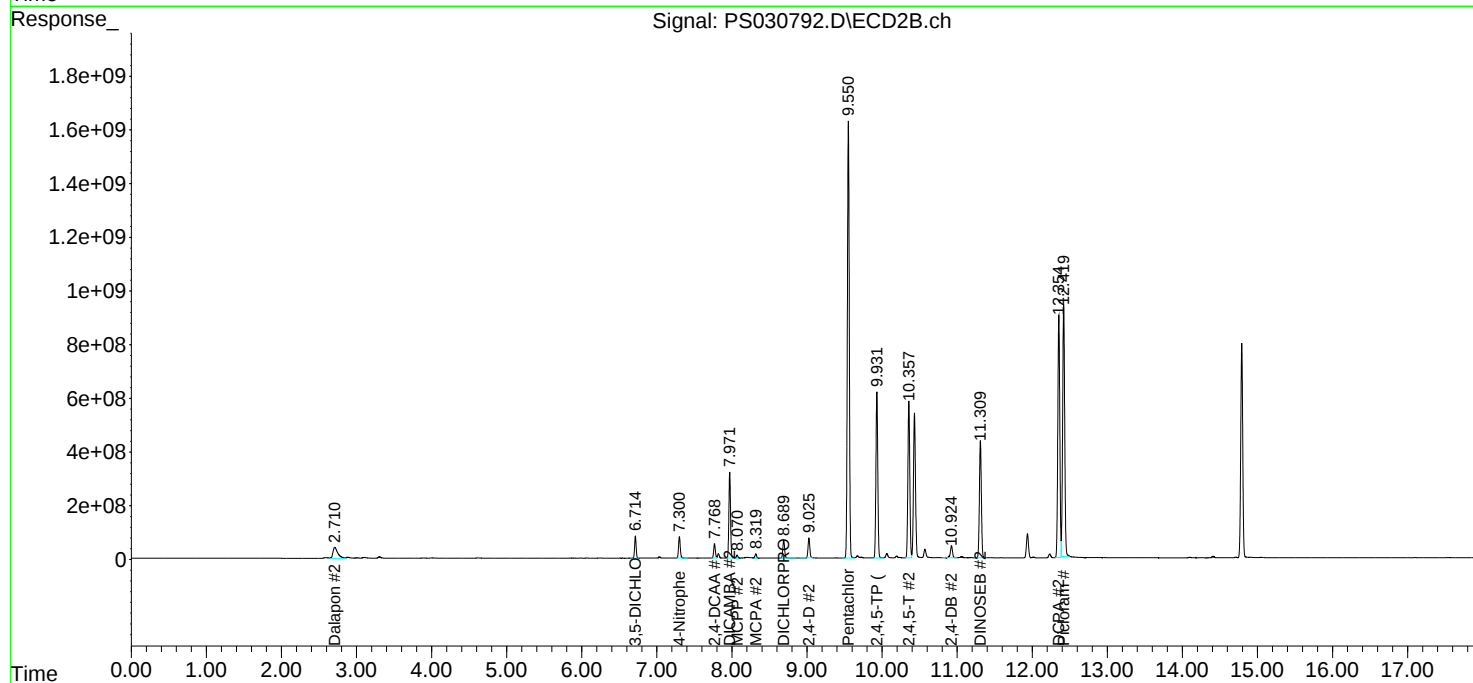
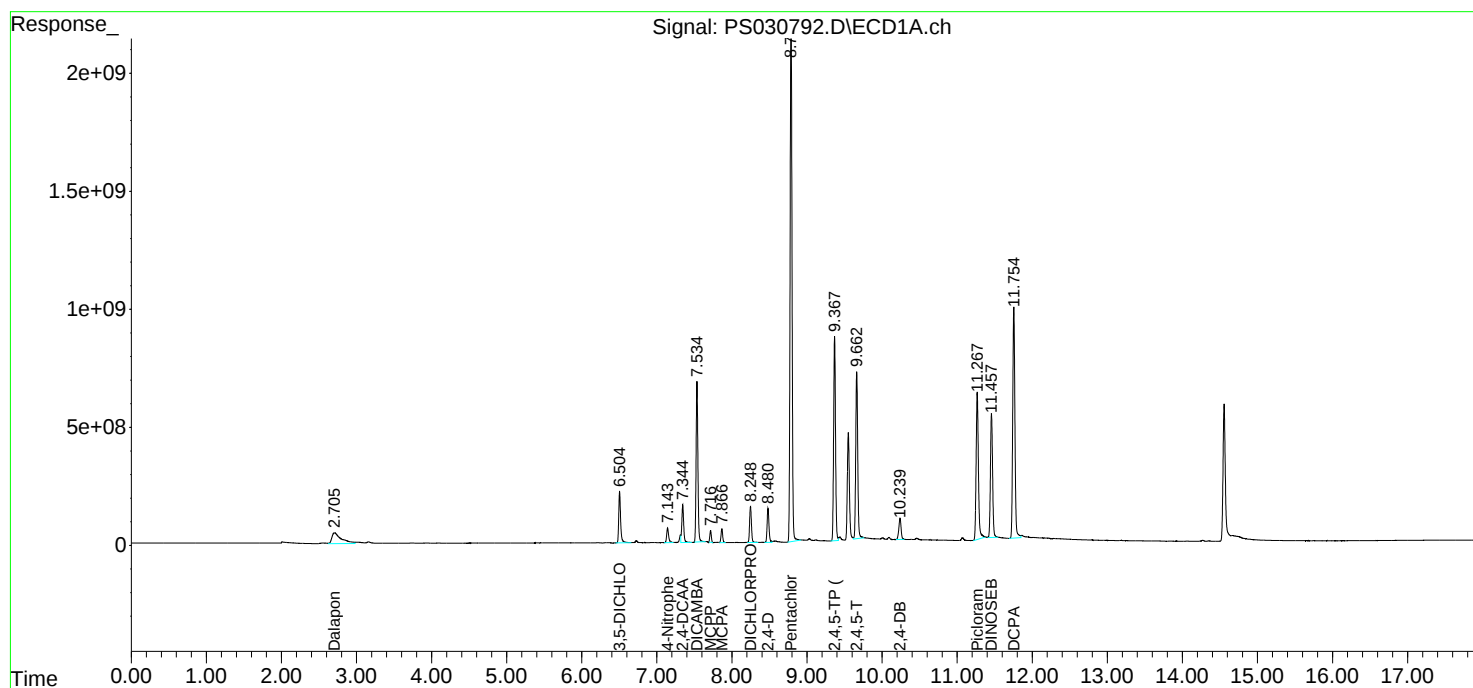
Instrument :
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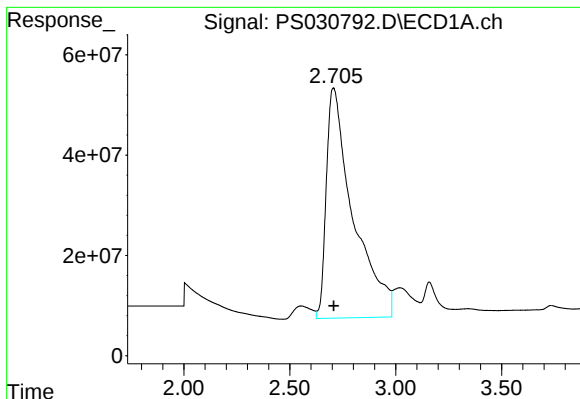
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 4028238140
Conc: 675.24 ng/ml

Instrument :

ECD_S

ClientSampleId :

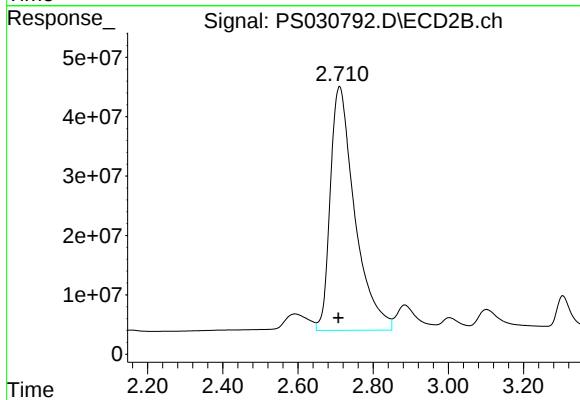
HSTDCCC750

Manual Integrations

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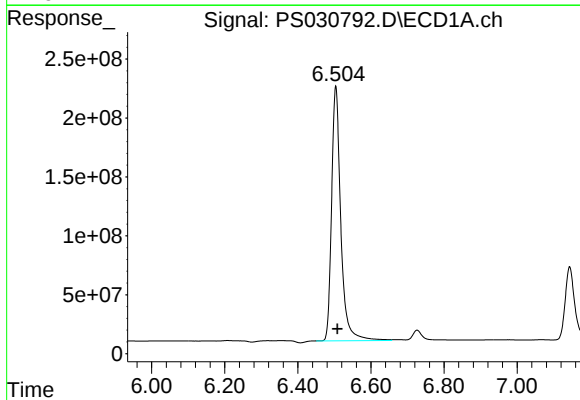
Reviewed By :Abdul Mirza 06/23/2025

Supervised By :mohammad ahmed 06/24/2025



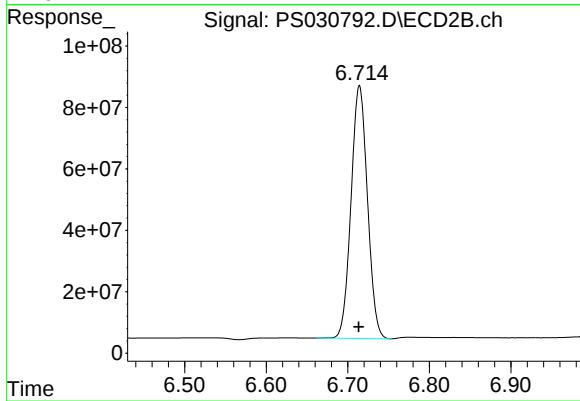
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1854954954
Conc: 676.56 ng/ml



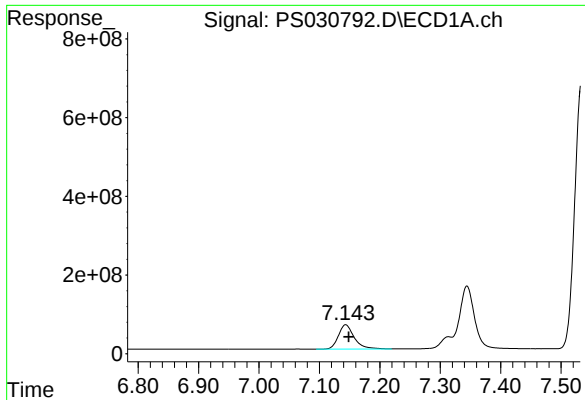
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 3781553383
Conc: 703.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1152472168
Conc: 714.42 ng/ml



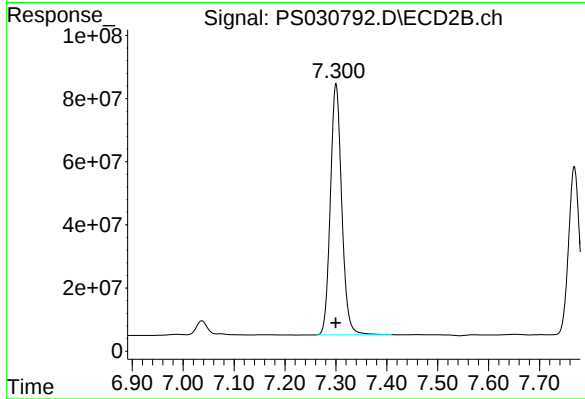
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 1135271961
Conc: 720.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

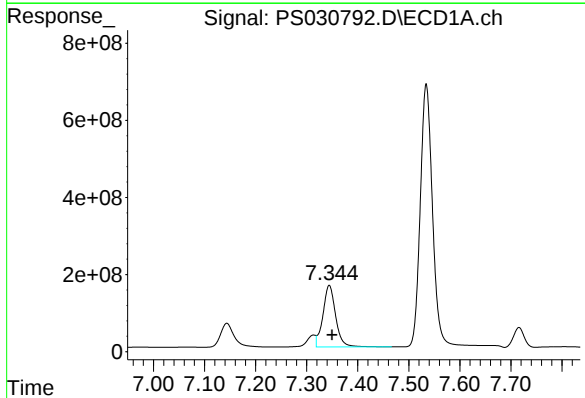
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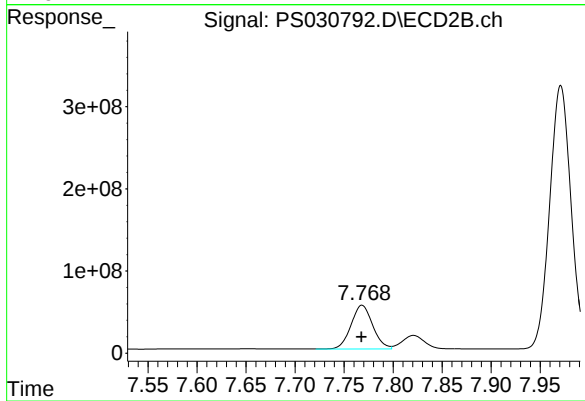
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1233266948
Conc: 711.42 ng/ml



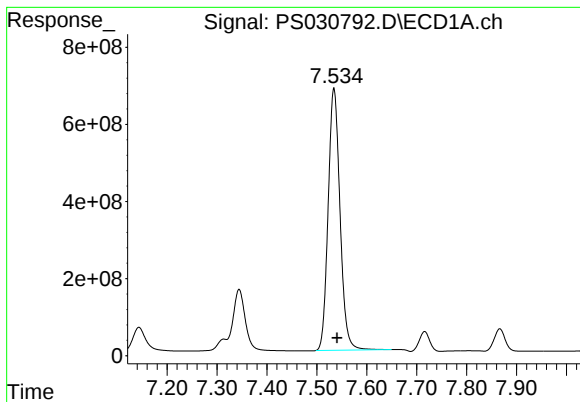
#4 2,4-DCAA

R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 2757941733
Conc: 750.58 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 821366686
Conc: 766.23 ng/ml



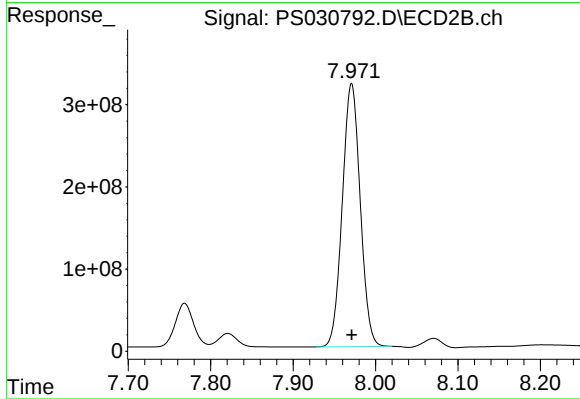
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 11201912298
Conc: 736.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

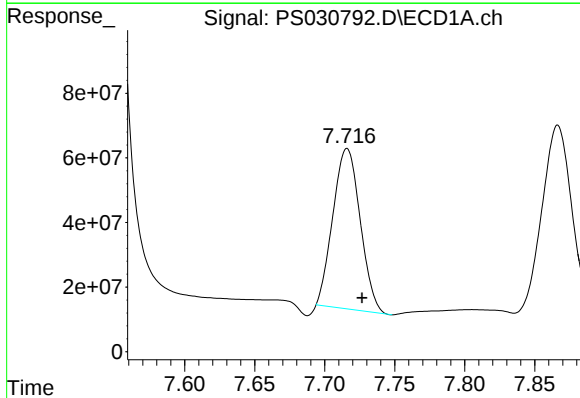
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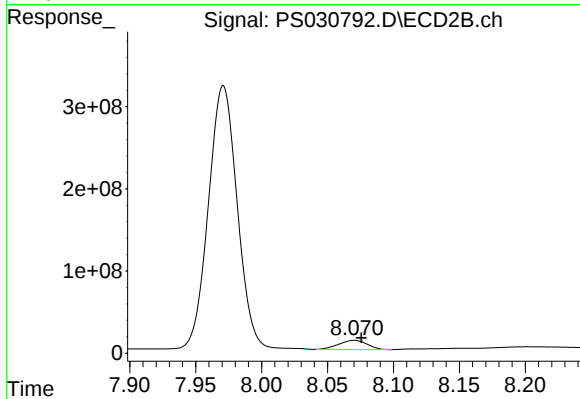
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4840687263
Conc: 738.67 ng/ml



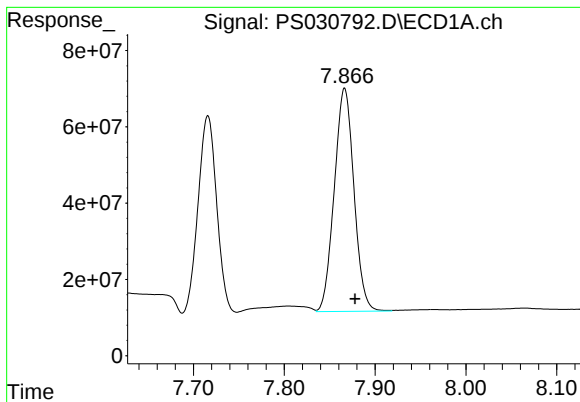
#6 MCP

R.T.: 7.716 min
Delta R.T.: -0.011 min
Response: 673447799
Conc: 71.73 ug/ml



#6 MCP

R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 167931106
Conc: 80.07 ug/ml



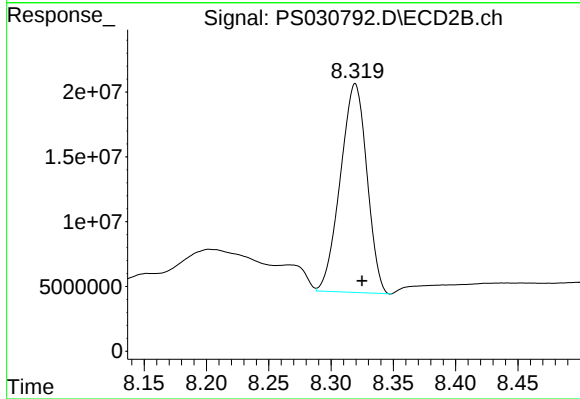
#7 MCPA

R.T.: 7.866 min
Delta R.T.: -0.012 min
Response: 880252483
Conc: 75.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

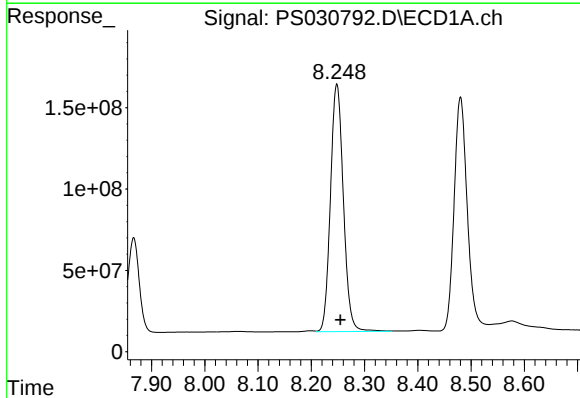
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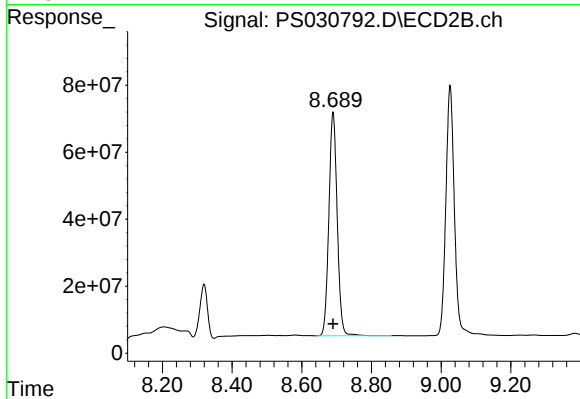
#7 MCPA

R.T.: 8.319 min
Delta R.T.: -0.006 min
Response: 238866460
Conc: 75.93 ug/ml



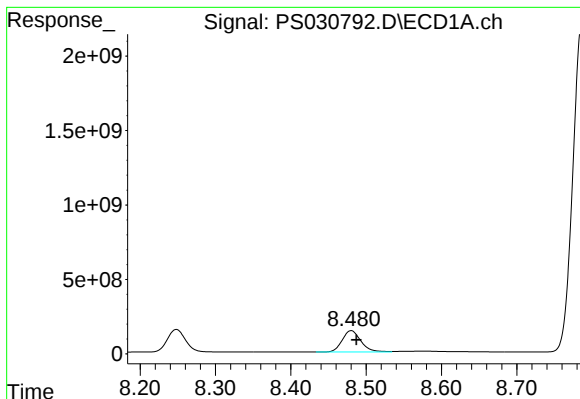
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.006 min
Response: 2565810281
Conc: 684.99 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1106056144
Conc: 703.38 ng/ml



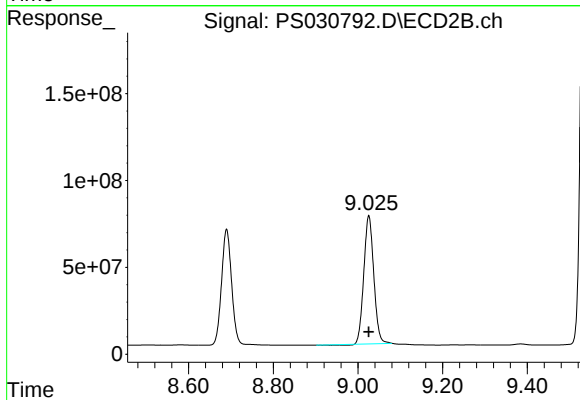
#9 2,4-D

R.T.: 8.480 min
Delta R.T.: -0.007 min
Response: 2489022273
Conc: 722.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

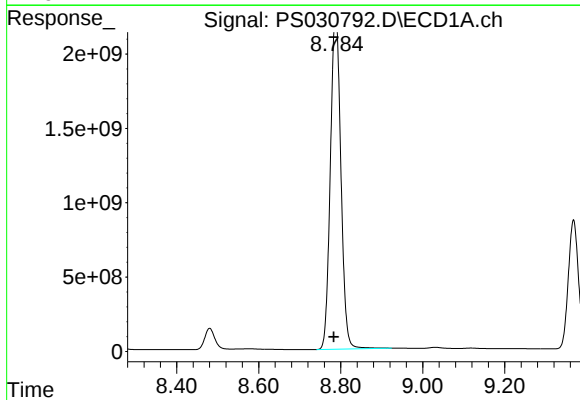
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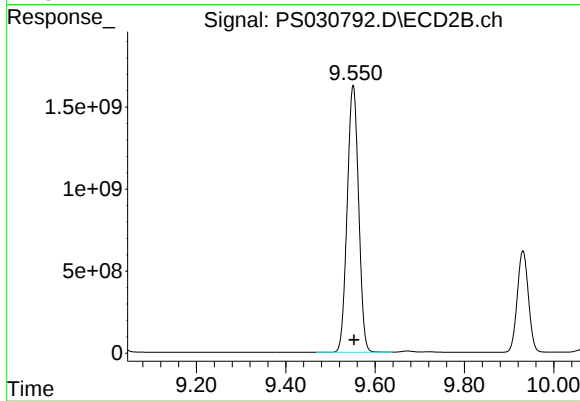
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1202244429
Conc: 707.45 ng/ml



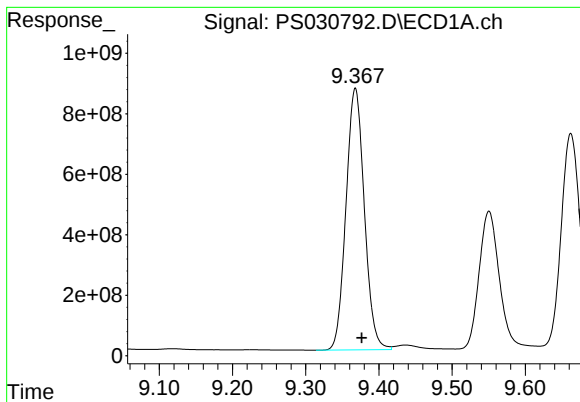
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 39595984631
Conc: 748.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 28888210898
Conc: 757.78 ng/ml



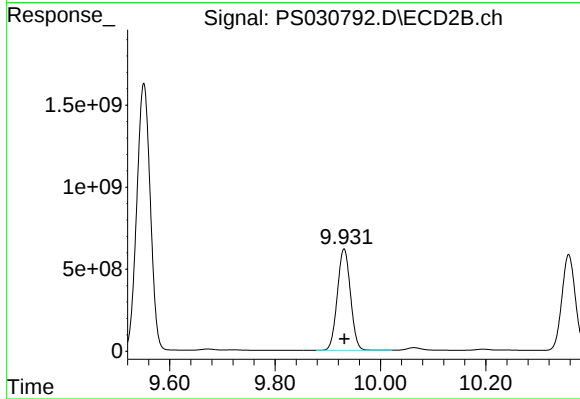
#11 2,4,5-TP (SILVEX)

R.T.: 9.368 min
Delta R.T.: -0.009 min
Response: 15077491985
Conc: 752.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

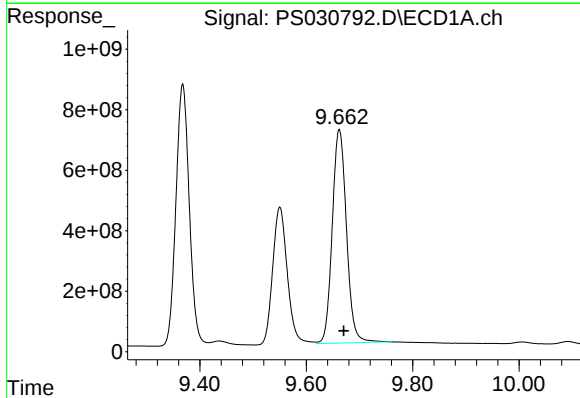
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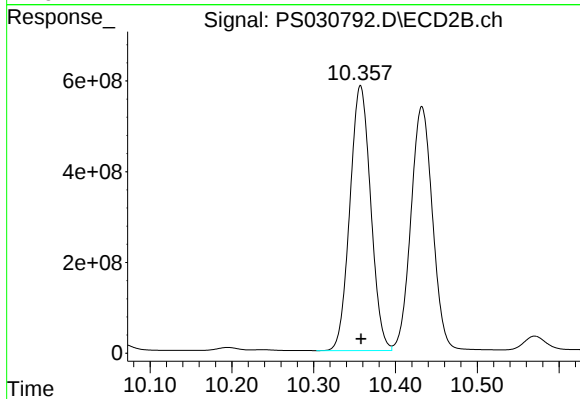
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 10709765814
Conc: 742.25 ng/ml



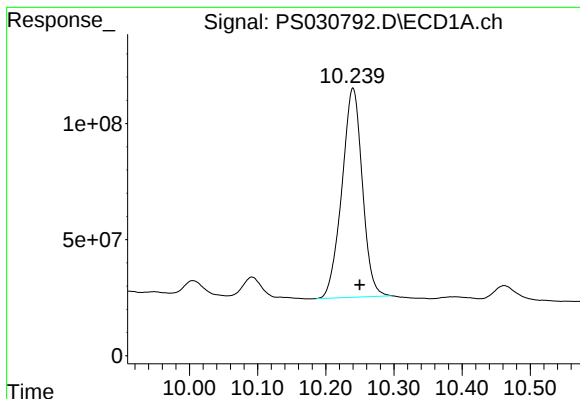
#12 2,4,5-T

R.T.: 9.662 min
Delta R.T.: -0.008 min
Response: 13087176027
Conc: 795.42 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 10321542795
Conc: 755.35 ng/ml



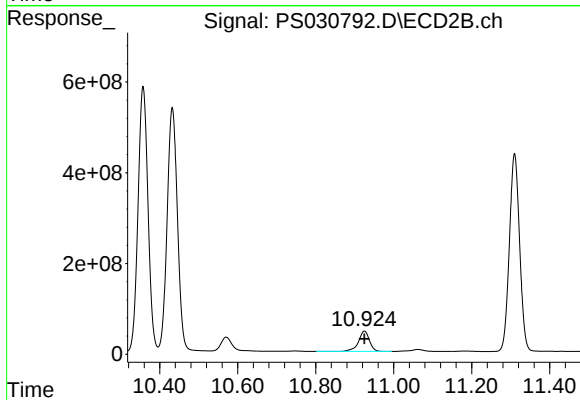
#13 2,4-DB

R.T.: 10.239 min
Delta R.T.: -0.010 min
Response: 1874902023
Conc: 817.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

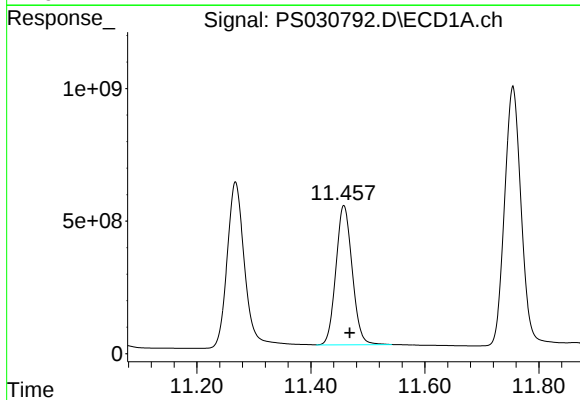
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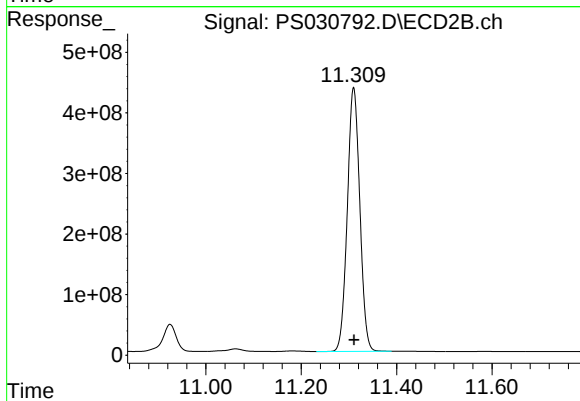
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 869497975
Conc: 735.05 ng/ml



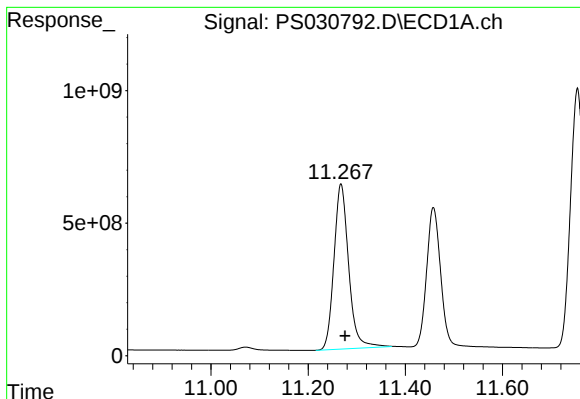
#14 DINOSEB

R.T.: 11.457 min
Delta R.T.: -0.011 min
Response: 10419649072
Conc: 751.06 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.001 min
Response: 7922803944
Conc: 734.87 ng/ml



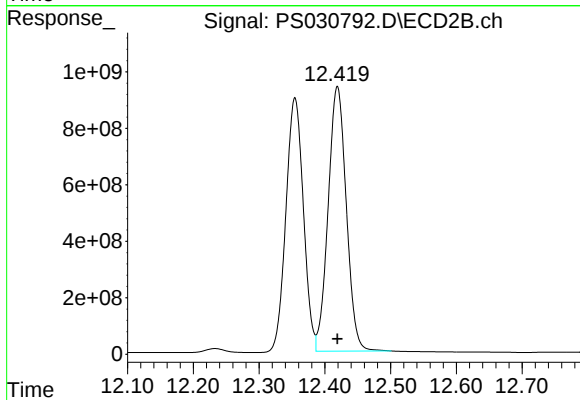
#15 Picloram

R.T.: 11.267 min
Delta R.T.: -0.009 min
Response: 13064639769
Conc: 812.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
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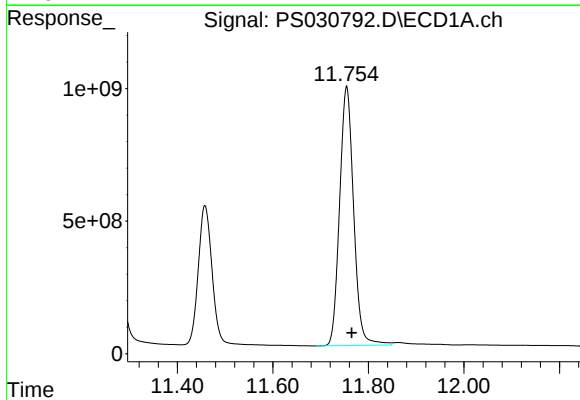
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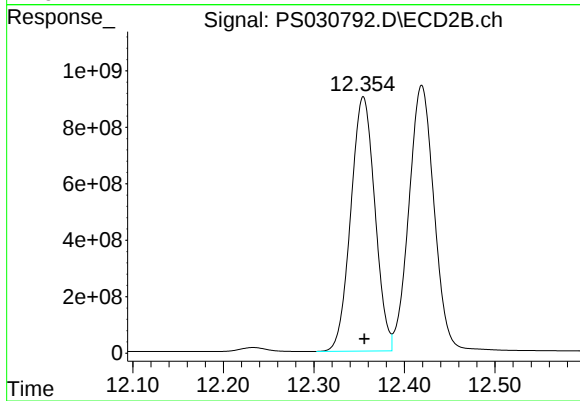
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 17987851130
Conc: 773.96 ng/ml



#16 DCPA

R.T.: 11.754 min
Delta R.T.: -0.011 min
Response: 19883095638
Conc: 776.19 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.001 min
Response: 16669843550
Conc: 756.25 ng/ml m