

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS112425\
 Data File : PS032532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2025 23:49
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 01:14:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.275	7.614	3319.0E6	2782.5E6	732.468	763.284
Target Compounds							
1) T	Dalapon	2.653	2.601	4638.6E6	4571.7E6	646.157	657.420
2) T	3,5-DICHL...	6.443	6.582	4468.8E6	4218.1E6	691.101	701.963
3) T	4-Nitroph...	7.096	7.180	886.5E6	1626.5E6	660.342	716.529
5) T	DICAMBA	7.457	7.805	13302.2E6	12373.8E6	705.083	716.392
6) T	MCPD	7.634	7.902	808.5E6	978.4E6	74.245m	73.557
7) T	MCPA	7.784	8.147	971.4E6	1198.3E6	72.352	73.497m
8) T	DICHLORPROP	8.163	8.517	3043.9E6	3368.4E6	684.205	706.281
9) T	2,4-D	8.403	8.859	3119.1E6	3702.3E6	691.308	705.775
10) T	Pentachlo...	8.696	9.353	46704.2E6	43000.2E6	744.419	732.509
11) T	2,4,5-TP ...	9.269	9.740	18500.6E6	18990.2E6	711.246	707.166
12) T	2,4,5-T	9.566	10.167	16194.0E6	17240.7E6	679.329	726.904
13) T	2,4-DB	10.142	10.732	1948.7E6	2639.1E6	739.504	699.770
14) T	DINOSEB	11.331	11.101	14256.8E6	12079.1E6	685.171	682.921
15) T	Picloram	11.170	12.219	15245.2E6	22912.2E6	718.247	616.217
16) T	DCPA	11.632	12.134	24084.8E6	22476.8E6	717.834	705.475m

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

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Acq On : 24 Nov 2025 23:49
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

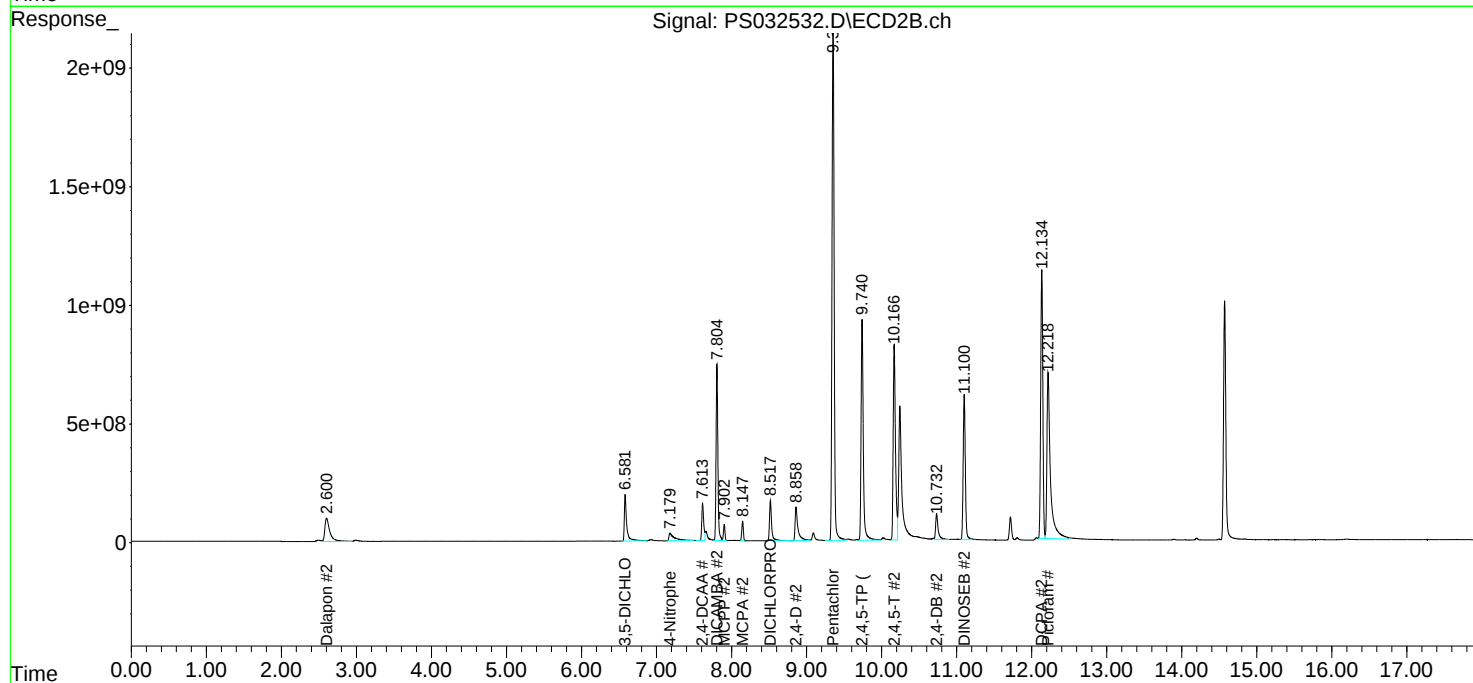
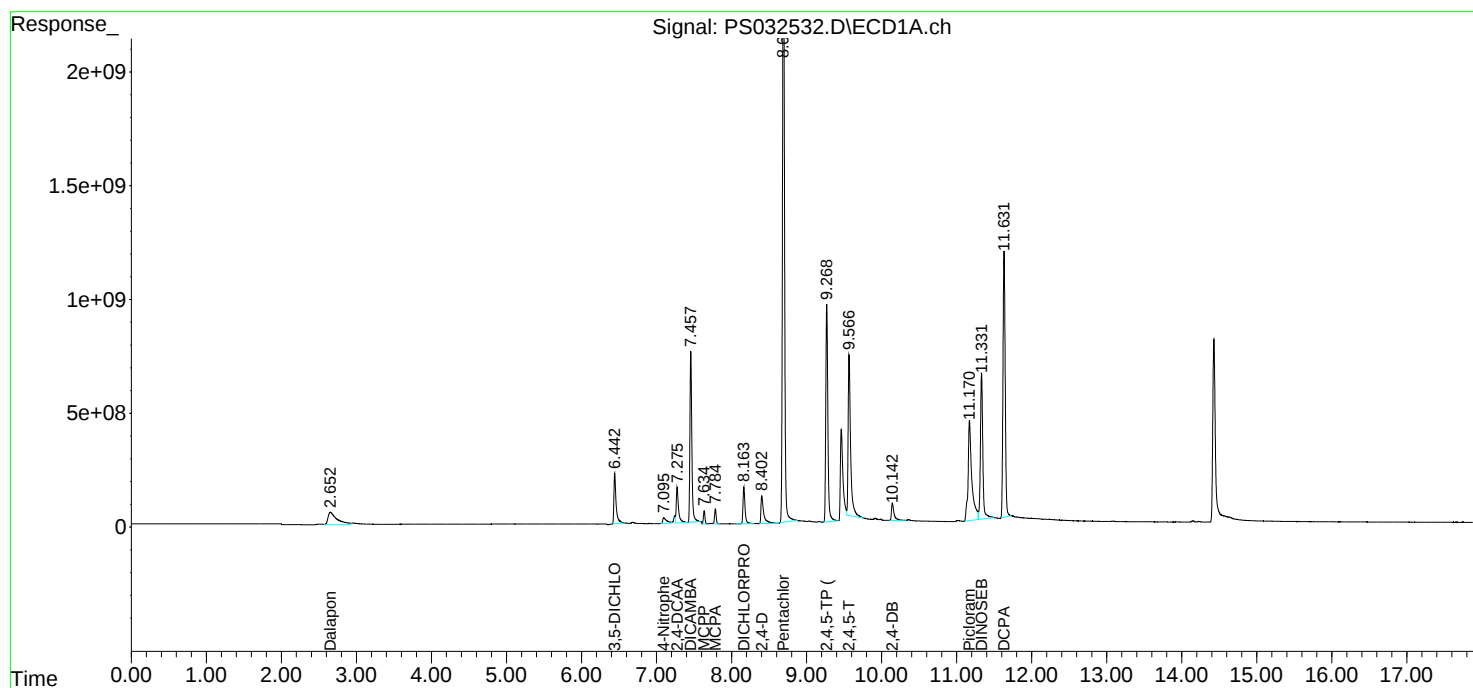
Instrument :
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ClientSampleId :
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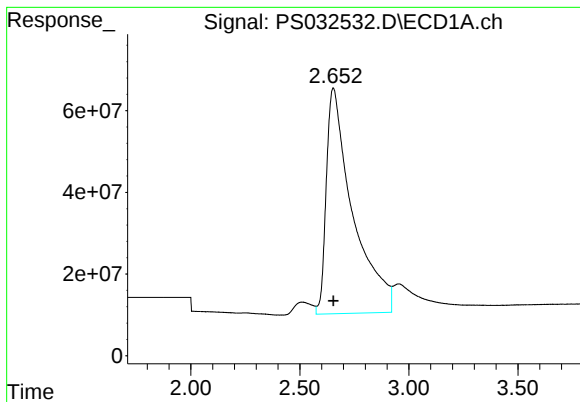
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#1 Dalapon

R.T.: 2.653 min
Delta R.T.: 0.000 min
Response: 4638617958
Conc: 646.16 ng/ml

Instrument :

ECD_S

ClientSampleId :

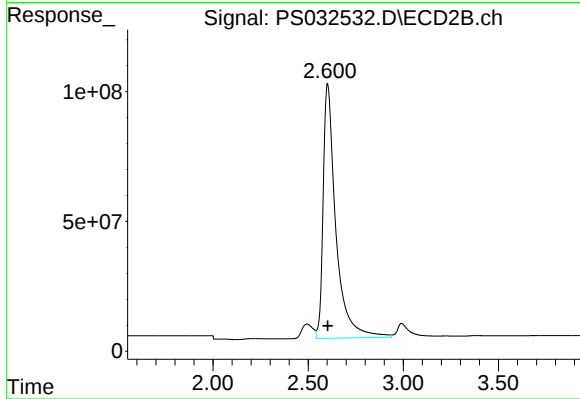
HSTDCCC750

Manual Integrations

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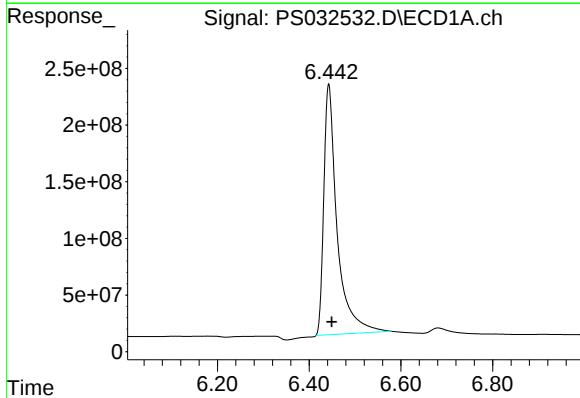
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Supervised By :mohammad ahmed 11/27/2025



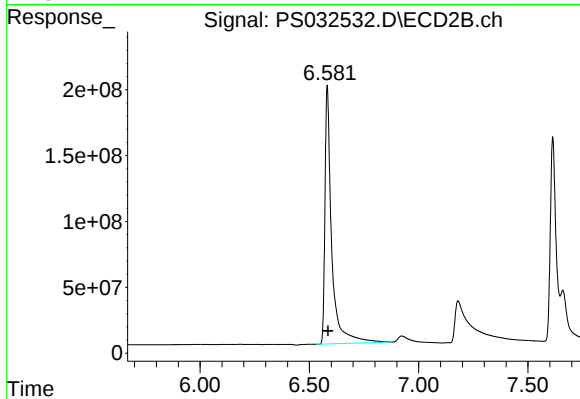
#1 Dalapon

R.T.: 2.601 min
Delta R.T.: -0.002 min
Response: 4571698001
Conc: 657.42 ng/ml



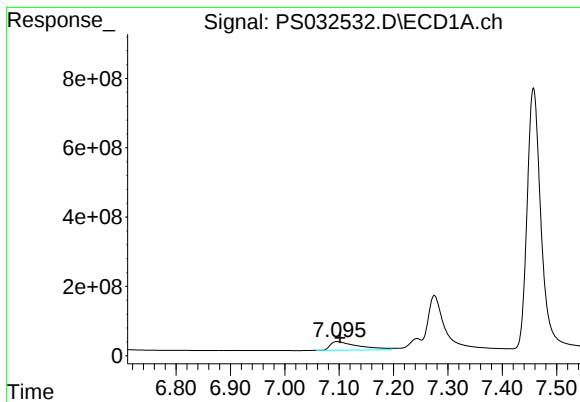
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.443 min
Delta R.T.: -0.007 min
Response: 4468805420
Conc: 691.10 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 4218051174
Conc: 701.96 ng/ml



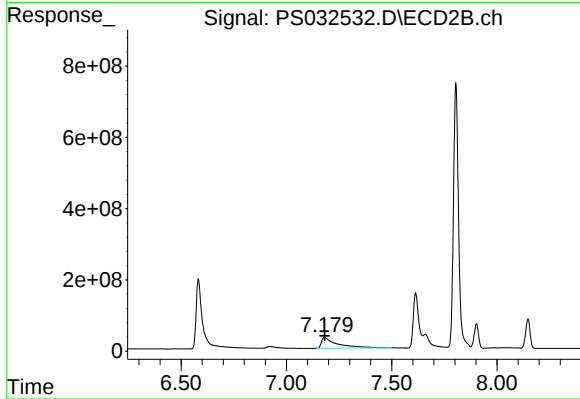
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: -0.006 min
Response: 886481148
Conc: 660.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

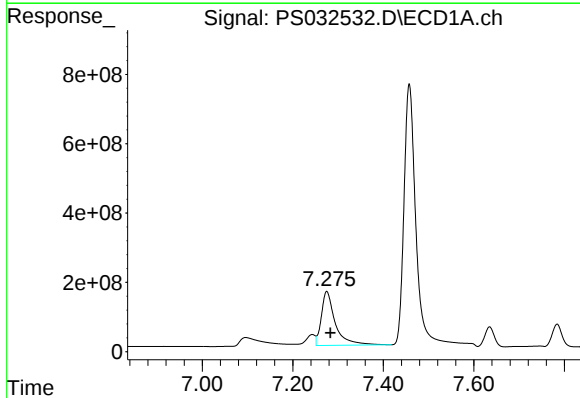
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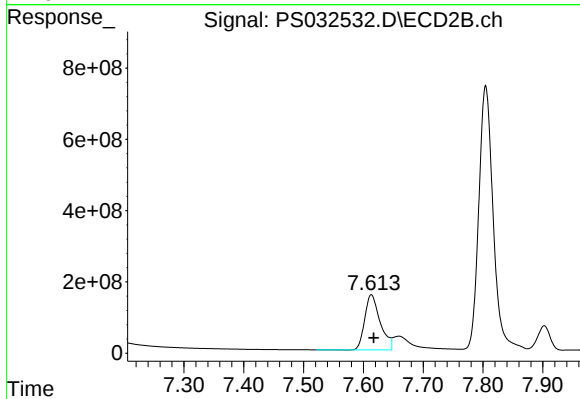
#3 4-Nitrophenol

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 1626465744
Conc: 716.53 ng/ml



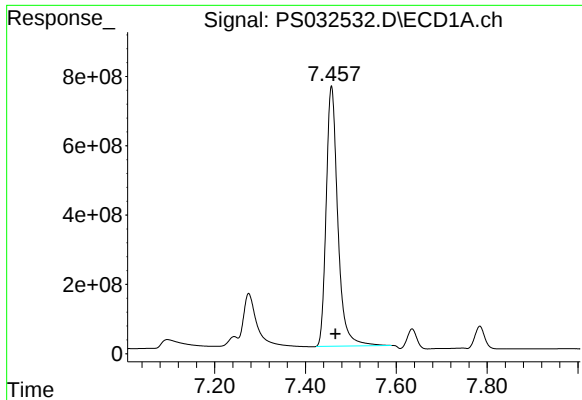
#4 2,4-DCAA

R.T.: 7.275 min
Delta R.T.: -0.008 min
Response: 3319011163
Conc: 732.47 ng/ml



#4 2,4-DCAA

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 2782549888
Conc: 763.28 ng/ml



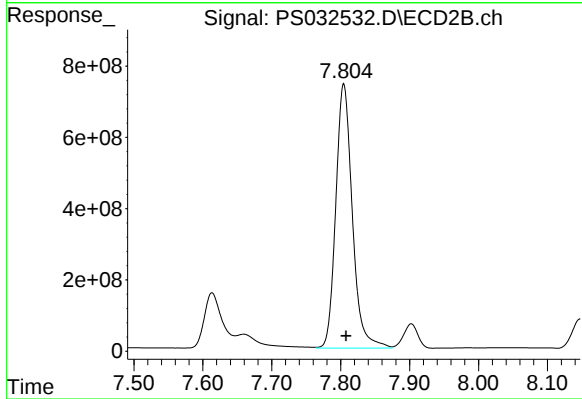
#5 DICAMBA

R.T.: 7.457 min
Delta R.T.: -0.008 min
Response: 13302214416
Conc: 705.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

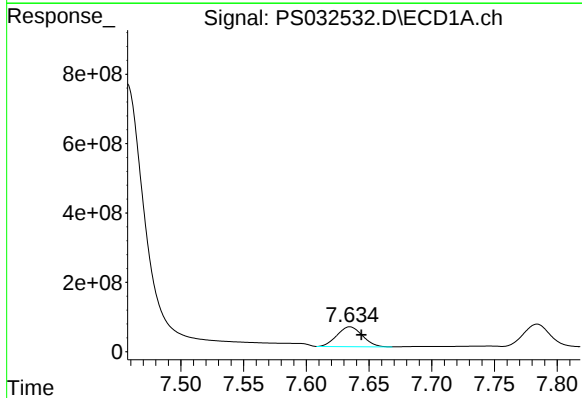
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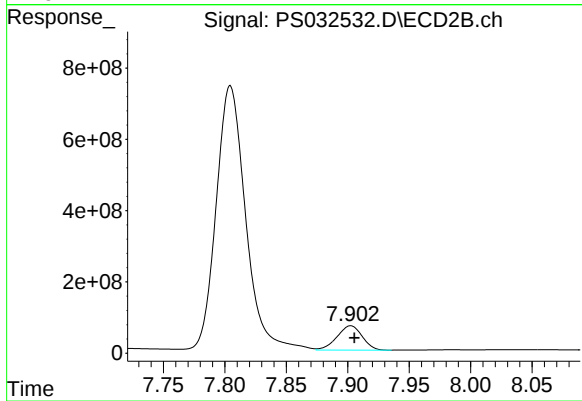
#5 DICAMBA

R.T.: 7.805 min
Delta R.T.: -0.003 min
Response: 12373842185
Conc: 716.39 ng/ml



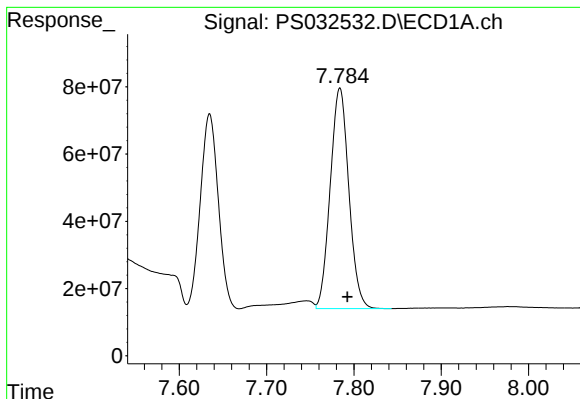
#6 MCP

R.T.: 7.634 min
Delta R.T.: -0.009 min
Response: 808541103
Conc: 74.25 ug/ml m



#6 MCP

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 978380783
Conc: 73.56 ug/ml



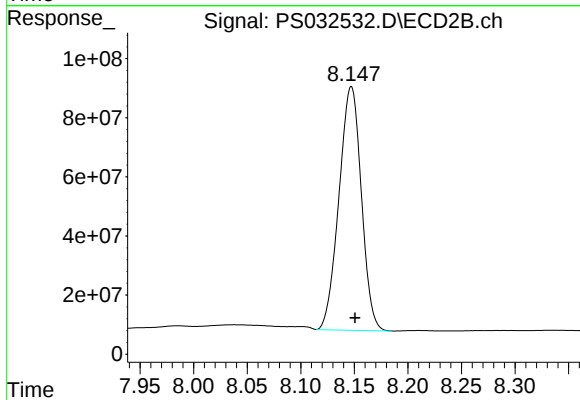
#7 MCPA

R.T.: 7.784 min
Delta R.T.: -0.009 min
Response: 971382526
Conc: 72.35 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

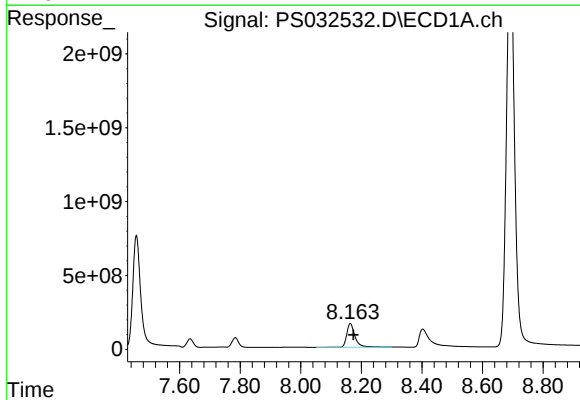
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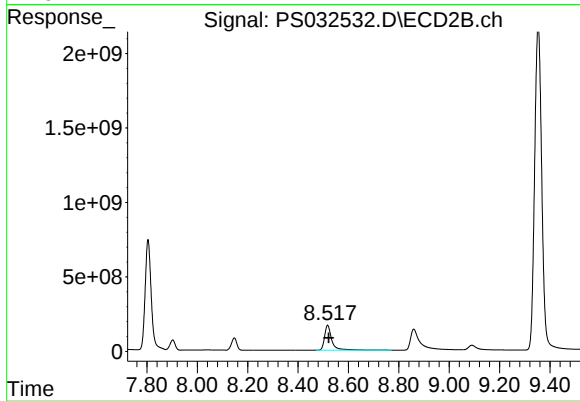
#7 MCPA

R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 1198323216
Conc: 73.50 ug/ml m



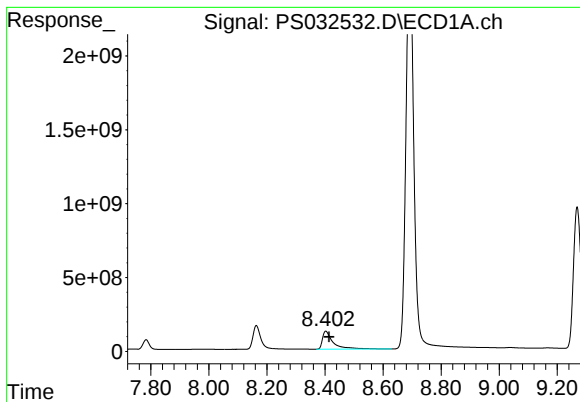
#8 DICHLORPROP

R.T.: 8.163 min
Delta R.T.: -0.011 min
Response: 3043862360
Conc: 684.21 ng/ml



#8 DICHLORPROP

R.T.: 8.517 min
Delta R.T.: -0.004 min
Response: 3368352588
Conc: 706.28 ng/ml



#9 2,4-D

R.T.: 8.403 min
Delta R.T.: -0.011 min
Response: 3119054131
Conc: 691.31 ng/ml

Instrument :

ECD_S

ClientSampleId :

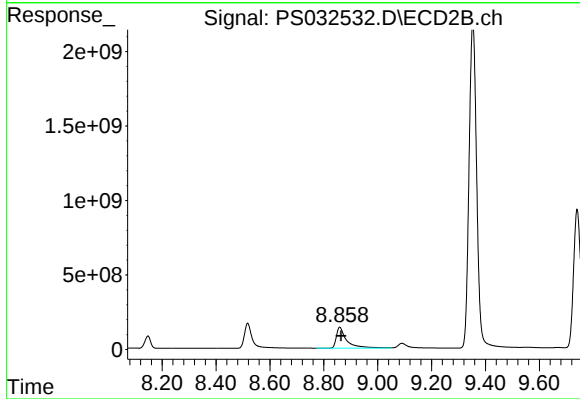
HSTDCCC750

Manual Integrations

APPROVED

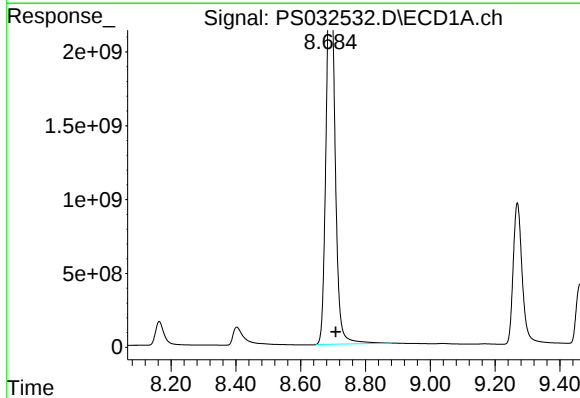
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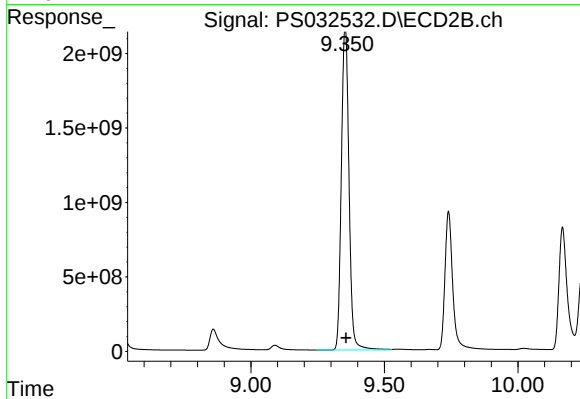
#9 2,4-D

R.T.: 8.859 min
Delta R.T.: -0.004 min
Response: 3702254335
Conc: 705.77 ng/ml



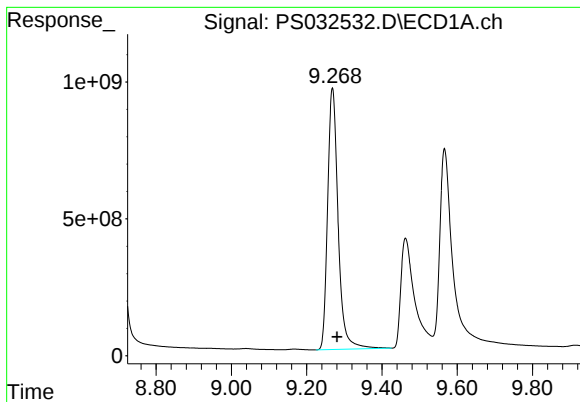
#10 Pentachlorophenol

R.T.: 8.696 min
Delta R.T.: -0.012 min
Response: 46704187001
Conc: 744.42 ng/ml



#10 Pentachlorophenol

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 43000205964
Conc: 732.51 ng/ml



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

R.T.: 9.269 min
Delta R.T.: -0.012 min
Response: 18500605800
Conc: 711.25 ng/ml

Instrument :

ECD_S

ClientSampleId :

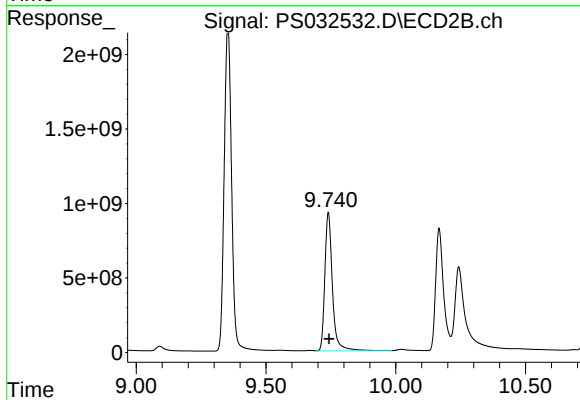
HSTDCCC750

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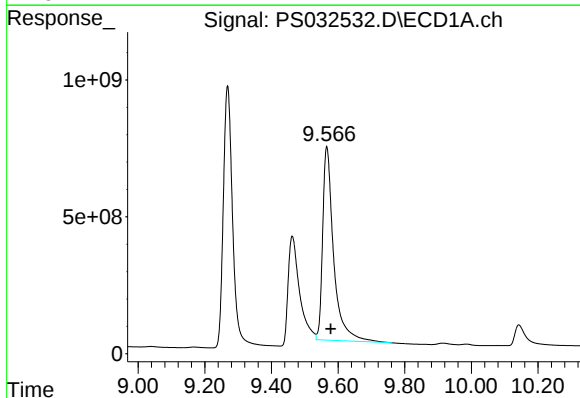
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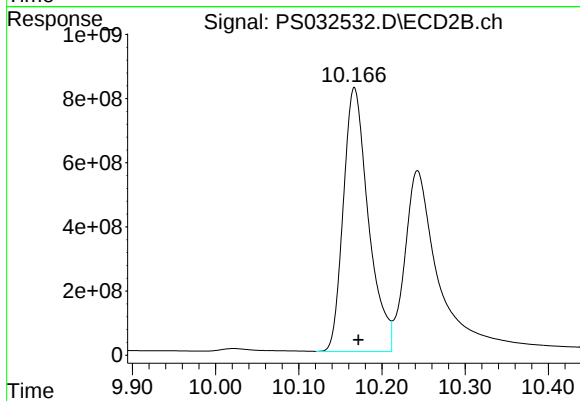
#11 2,4,5-TP (SILVEX)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 18990155613
Conc: 707.17 ng/ml



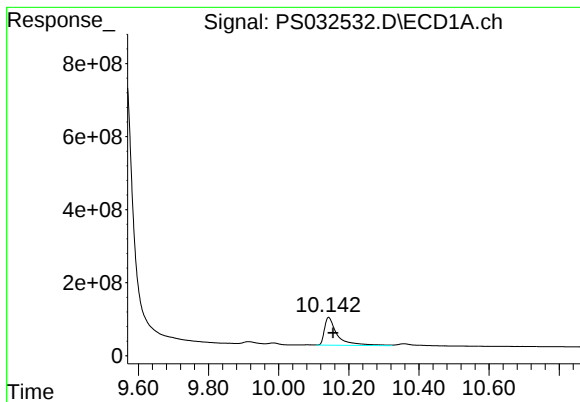
#12 2,4,5-T

R.T.: 9.566 min
Delta R.T.: -0.012 min
Response: 16193985769
Conc: 679.33 ng/ml



#12 2,4,5-T

R.T.: 10.167 min
Delta R.T.: -0.005 min
Response: 17240739179
Conc: 726.90 ng/ml



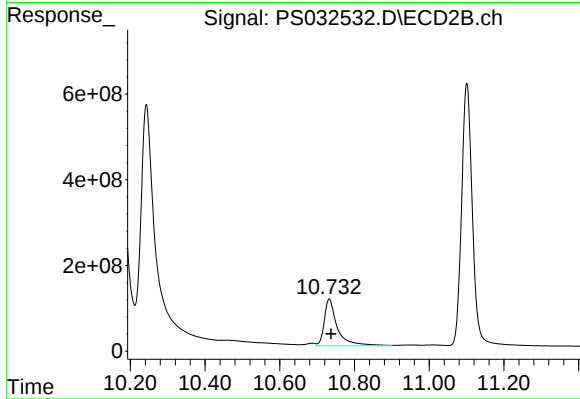
#13 2,4-DB

R.T.: 10.142 min
Delta R.T.: -0.013 min
Response: 1948677495
Conc: 739.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

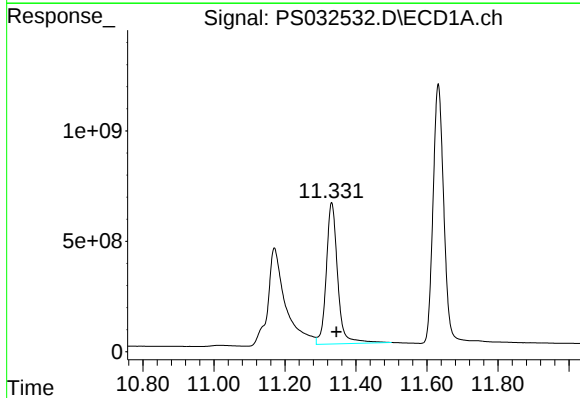
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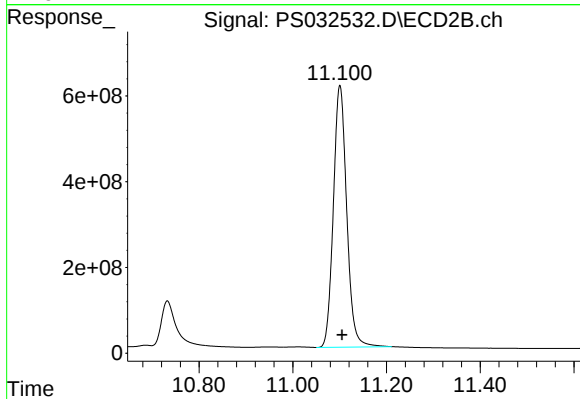
#13 2,4-DB

R.T.: 10.732 min
Delta R.T.: -0.005 min
Response: 2639070126
Conc: 699.77 ng/ml



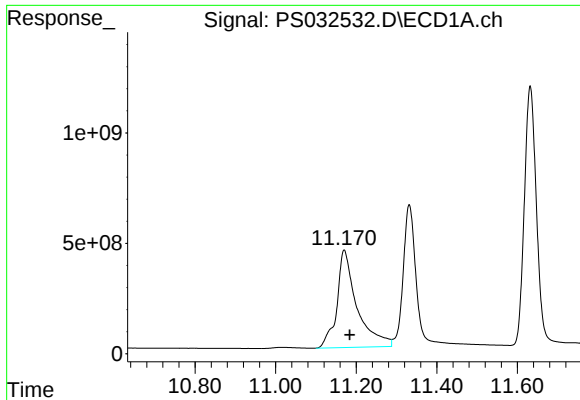
#14 DINOSEB

R.T.: 11.331 min
Delta R.T.: -0.014 min
Response: 14256761865
Conc: 685.17 ng/ml



#14 DINOSEB

R.T.: 11.101 min
Delta R.T.: -0.005 min
Response: 12079076291
Conc: 682.92 ng/ml



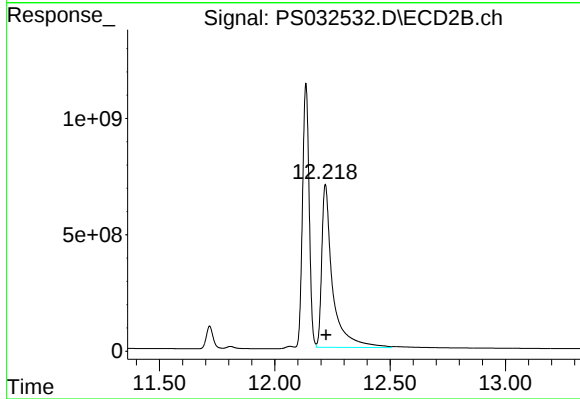
#15 Picloram

R.T.: 11.170 min
Delta R.T.: -0.014 min
Response: 15245196125
Conc: 718.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

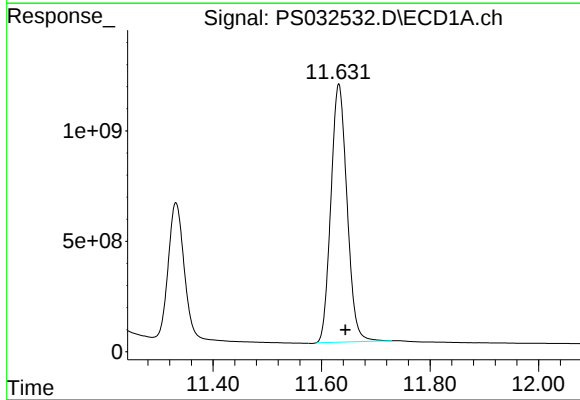
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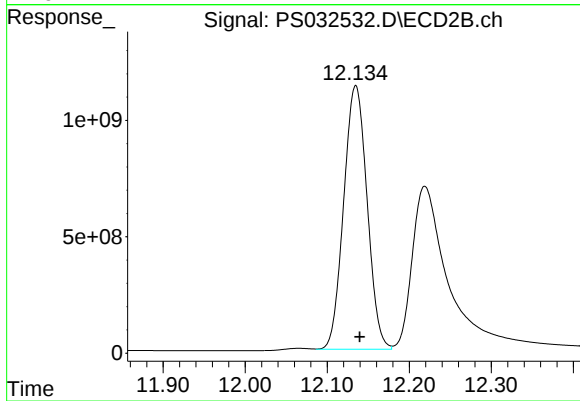
#15 Picloram

R.T.: 12.219 min
Delta R.T.: -0.004 min
Response: 22912224615
Conc: 616.22 ng/ml



#16 DCPA

R.T.: 11.632 min
Delta R.T.: -0.012 min
Response: 24084802974
Conc: 717.83 ng/ml



#16 DCPA

R.T.: 12.134 min
Delta R.T.: -0.005 min
Response: 22476796413
Conc: 705.47 ng/ml m