

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061725\
 Data File : PS030736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 00:17
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/18/2025
 Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 01:47:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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	2608.6E6	741.2E6	693.619m	686.449
Target Compounds							
1) T	Dalapon	2.708	2.710	3691.8E6	1714.4E6	590.242m	609.217
2) T	3,5-DICHL...	6.507	6.714	3604.3E6	1061.9E6	662.922	656.419
3) T	4-Nitroph...	7.148	7.300	1184.7E6	1122.3E6	726.716	658.312
5) T	DICAMBA	7.539	7.972	10574.8E6	4378.1E6	675.897	660.302
6) T	MCPD	7.721	8.070	663.1E6	146.7E6	69.722	66.659
7) T	MCPA	7.872	8.320	835.2E6	207.4E6	70.085	64.677
8) T	DICHLORPROP	8.254	8.691	2445.1E6	989.5E6	665.283	645.701
9) T	2,4-D	8.486	9.026	2508.0E6	1091.3E6	737.560	650.945
10) T	Pentachlo...	8.794	9.552	38013.3E6	26140.9E6	735.403	689.080
11) T	2,4,5-TP ...	9.375	9.932	14497.8E6	9615.4E6	724.644	669.847
12) T	2,4,5-T	9.669	10.358	13043.2E6	9310.0E6	784.407m	675.195
13) T	2,4-DB	10.247	10.926	2026.6E6	798.4E6	820.120m	672.886
14) T	DINOSEB	11.467	11.311	9987.3E6	7098.7E6	705.247	647.847
15) T	Picloram	11.275	12.419	14070.3E6	16282.0E6	842.723m	679.098m
16) T	DCPA	11.763	12.356	18971.4E6	13850.6E6	730.368	644.946m

(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 : 3 Sample Multiplier: 1

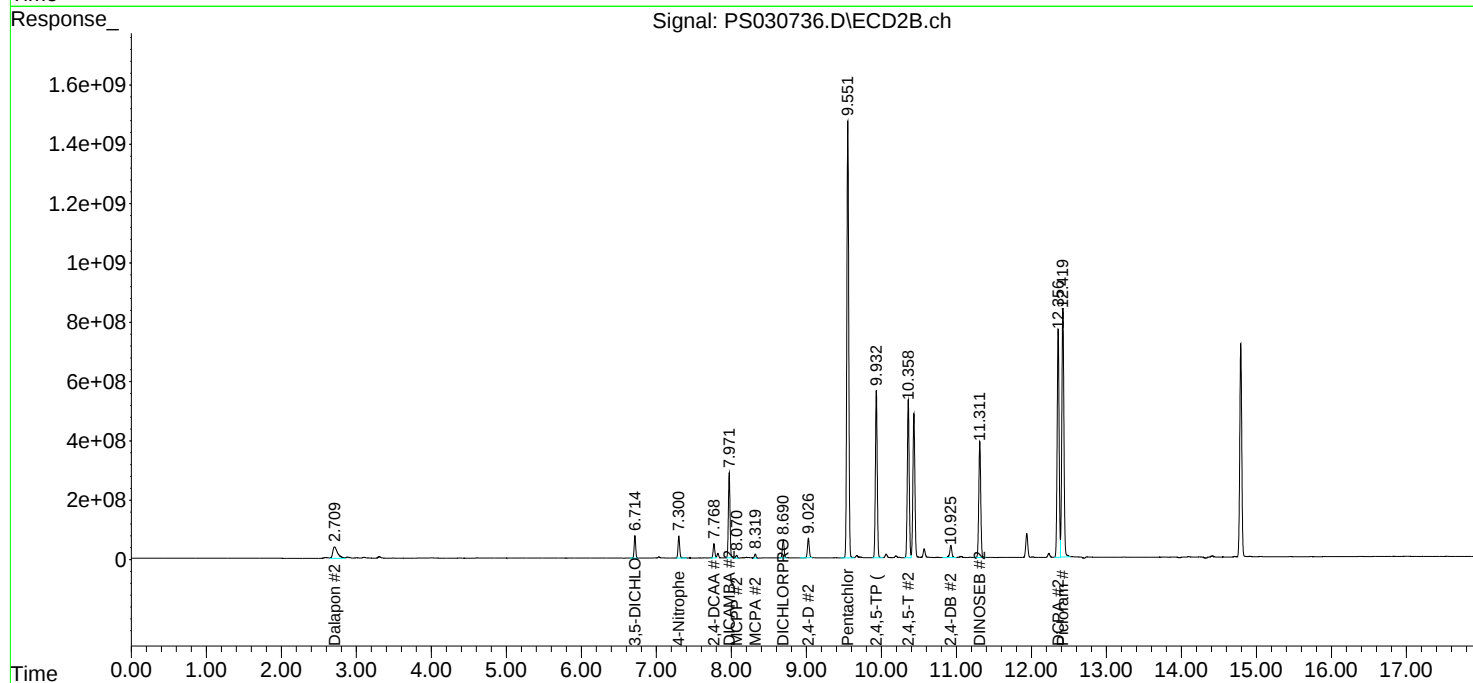
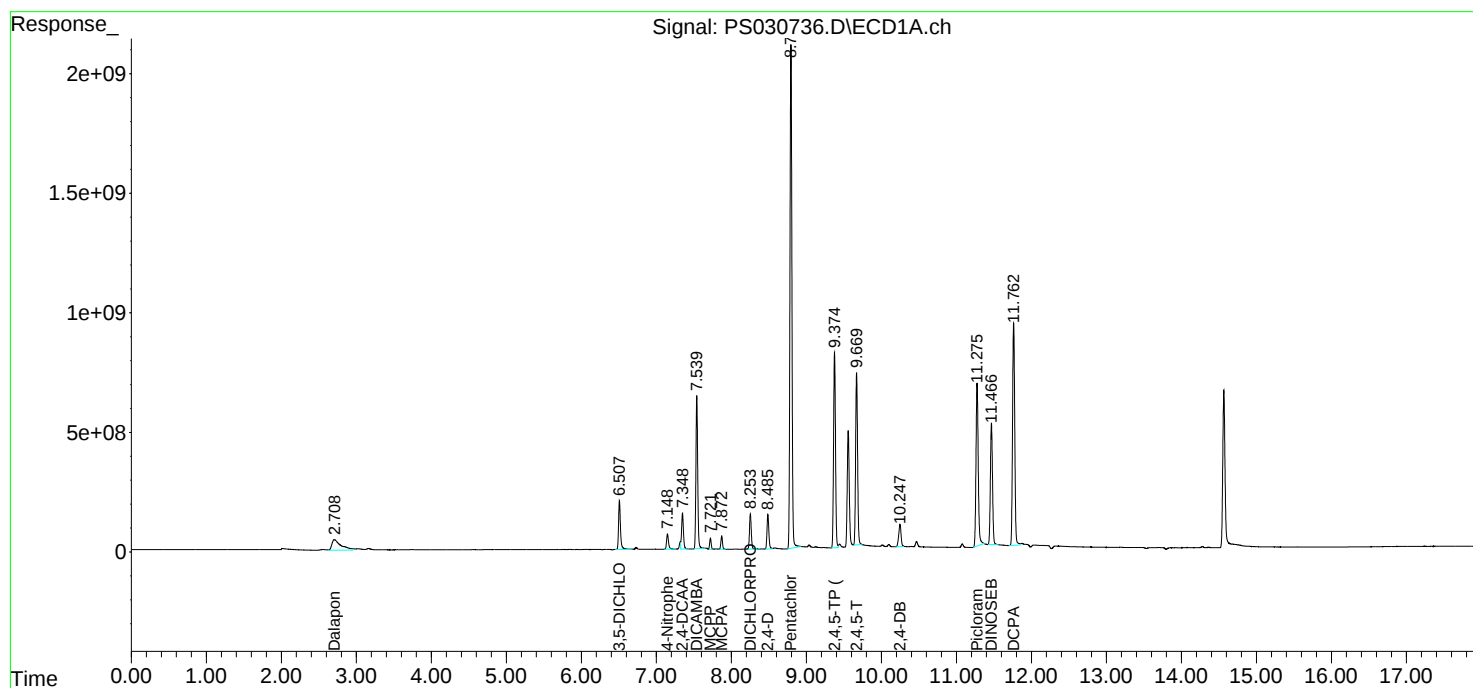
Instrument :
ECD_S
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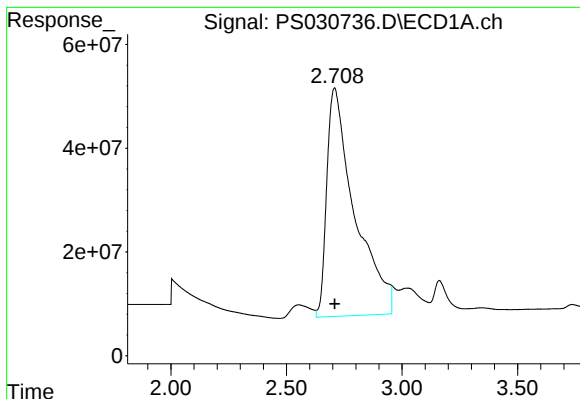
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.708 min
Delta R.T.: -0.002 min
Response: 3691817505
Conc: 590.24 ng/ml

Instrument :

ECD_S

ClientSampleId :

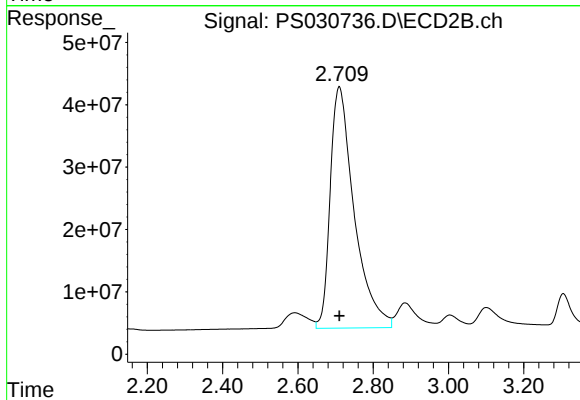
HSTDCCC750

Manual Integrations

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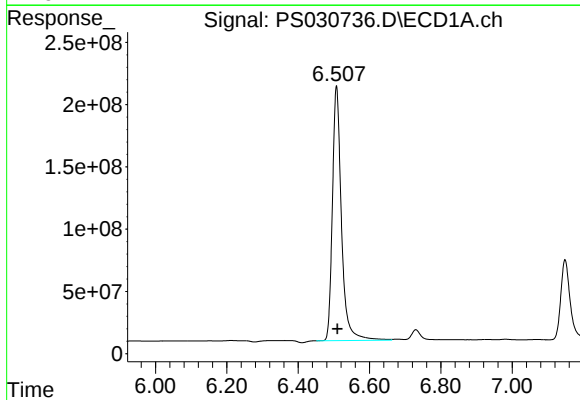
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Supervised By :mohammad ahmed 06/19/2025



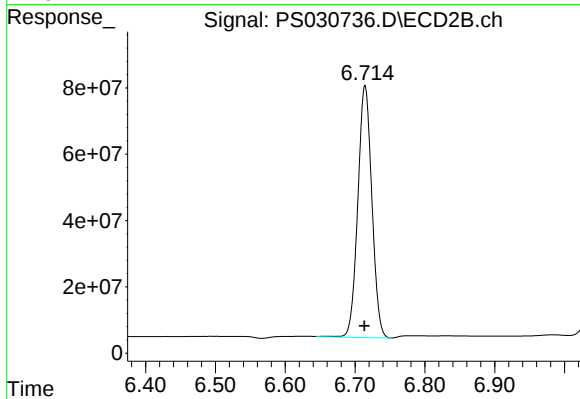
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1714434368
Conc: 609.22 ng/ml



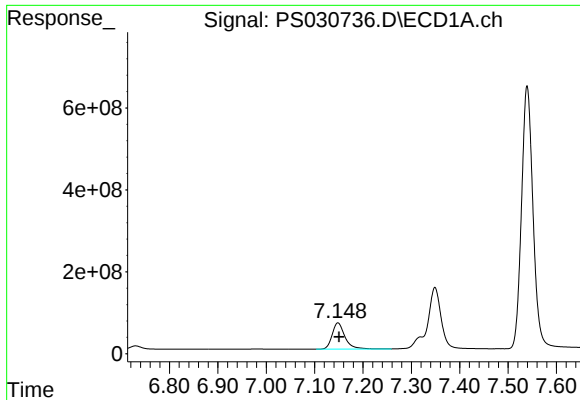
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.507 min
Delta R.T.: -0.002 min
Response: 3604344163
Conc: 662.92 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1061875855
Conc: 656.42 ng/ml



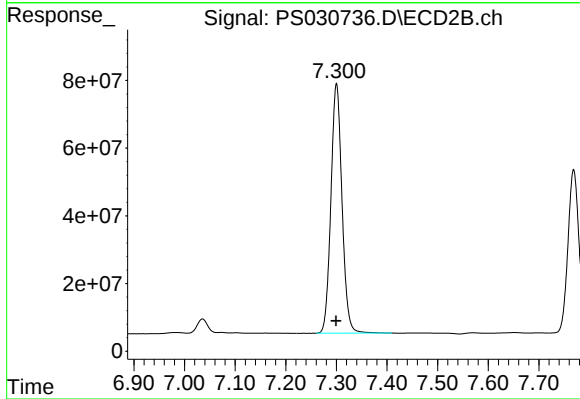
#3 4-Nitrophenol

R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 1184727010
Conc: 726.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

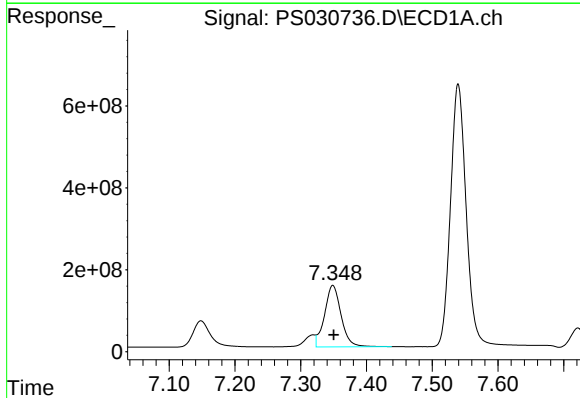
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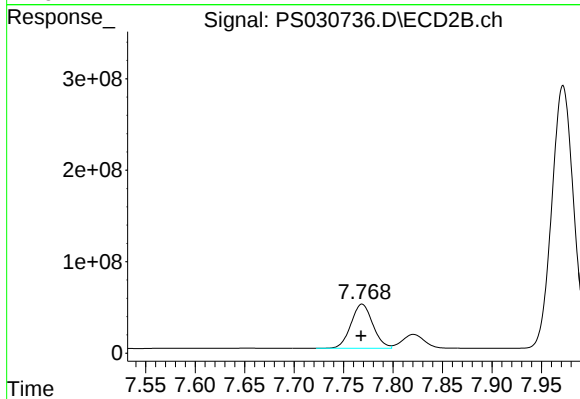
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.001 min
Response: 1122321556
Conc: 658.31 ng/ml



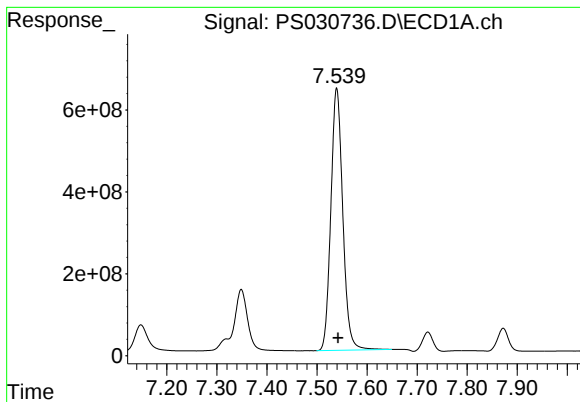
#4 2,4-DCAA

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 2608571313
Conc: 693.62 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 741152420
Conc: 686.45 ng/ml



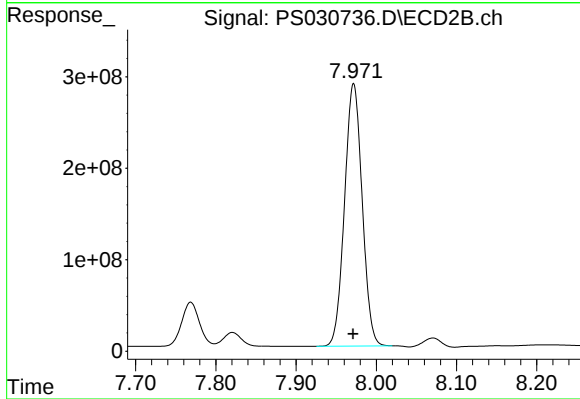
#5 DICAMBA

R.T.: 7.539 min
Delta R.T.: -0.003 min
Response: 10574792537
Conc: 675.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

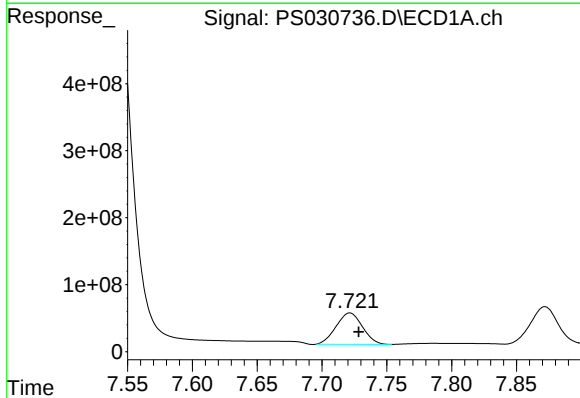
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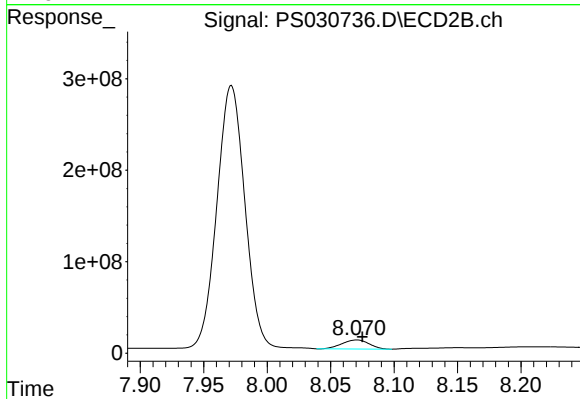
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 4378139359
Conc: 660.30 ng/ml



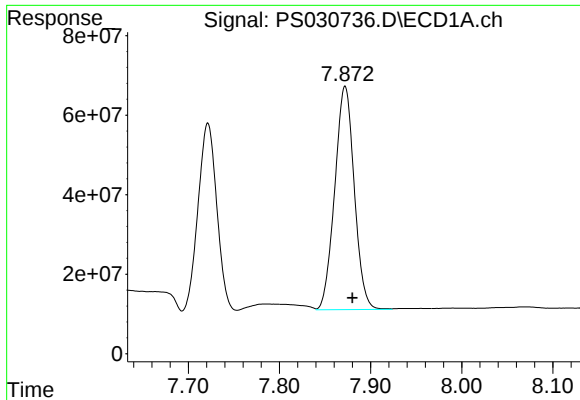
#6 MCP

R.T.: 7.721 min
Delta R.T.: -0.007 min
Response: 663118283
Conc: 69.72 ug/ml



#6 MCP

R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 146741805
Conc: 66.66 ug/ml



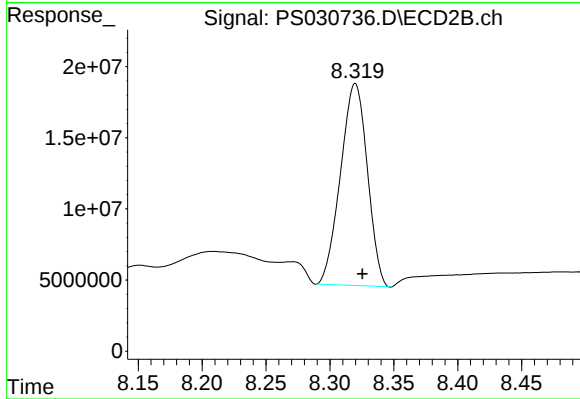
#7 MCPA

R.T.: 7.872 min
Delta R.T.: -0.008 min
Response: 835219037
Conc: 70.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

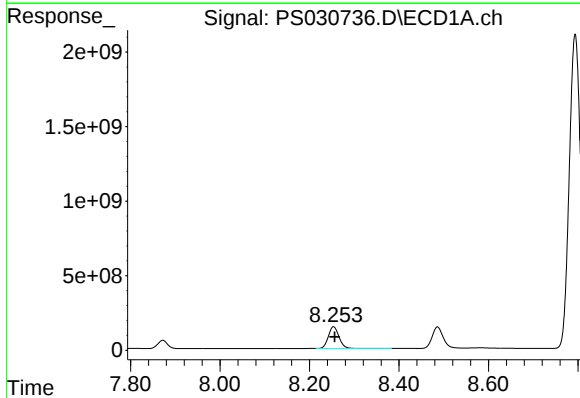
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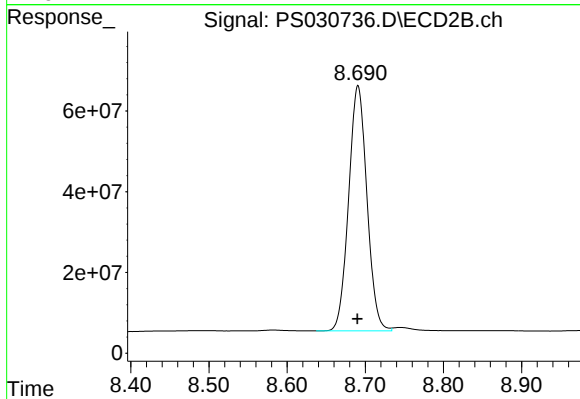
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.006 min
Response: 207361296
Conc: 64.68 ug/ml



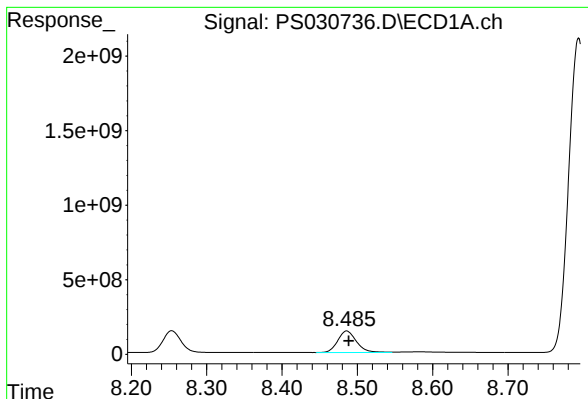
#8 DICHLORPROP

R.T.: 8.254 min
Delta R.T.: -0.003 min
Response: 2445098521
Conc: 665.28 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 989450995
Conc: 645.70 ng/ml



#9 2,4-D

R.T.: 8.486 min
Delta R.T.: -0.003 min
Response: 2507971152
Conc: 737.56 ng/ml

Instrument :

ECD_S

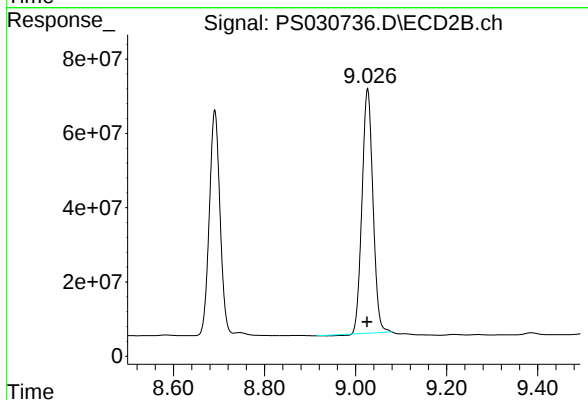
ClientSampleId :

HSTDCCC750

Manual Integrations

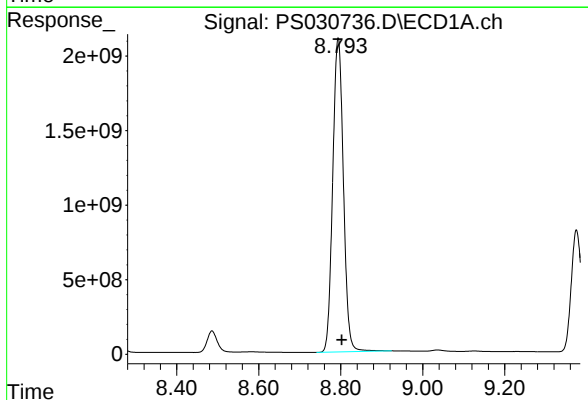
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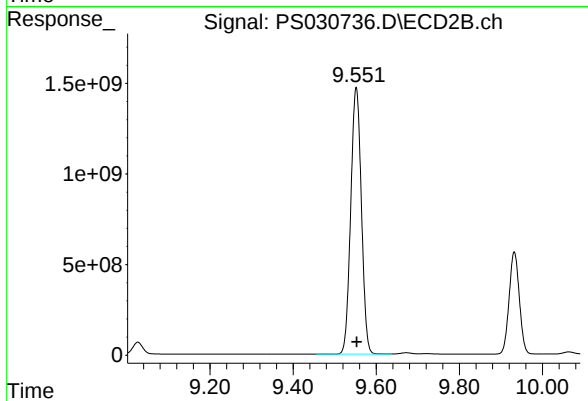
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.001 min
Response: 1091273752
Conc: 650.94 ng/ml



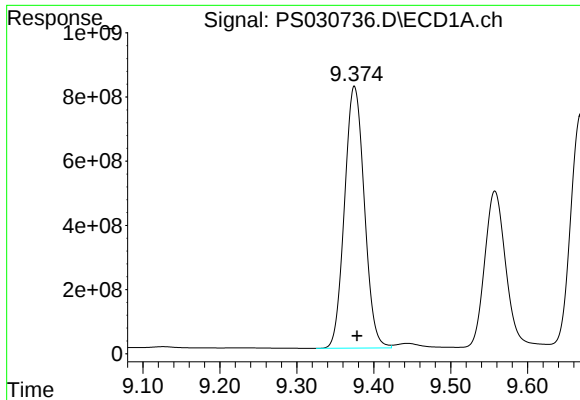
#10 Pentachlorophenol

R.T.: 8.794 min
Delta R.T.: -0.009 min
Response: 38013251289
Conc: 735.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.001 min
Response: 26140908388
Conc: 689.08 ng/ml



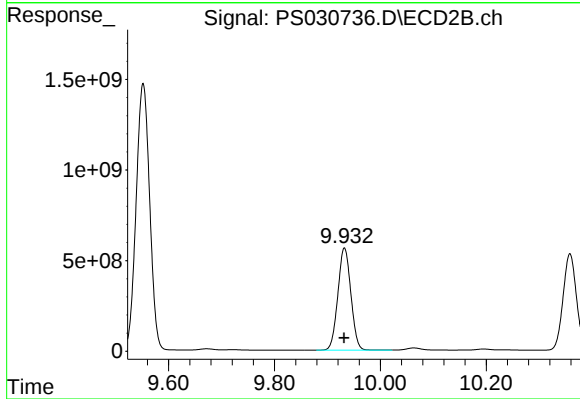
#11 2,4,5-TP (SILVEX)

R.T.: 9.375 min
Delta R.T.: -0.004 min
Response: 14497832895
Conc: 724.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

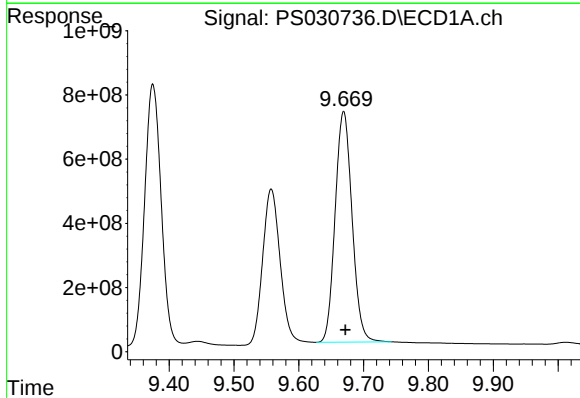
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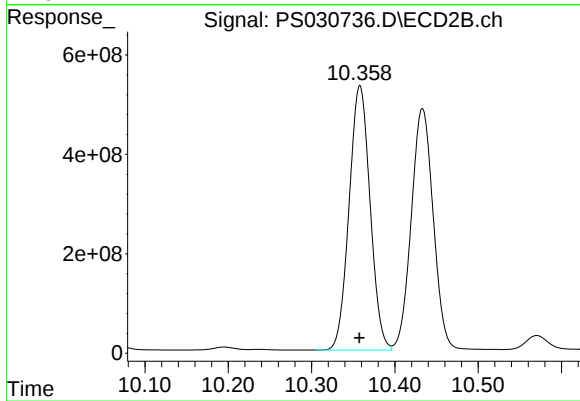
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 9615380613
Conc: 669.85 ng/ml



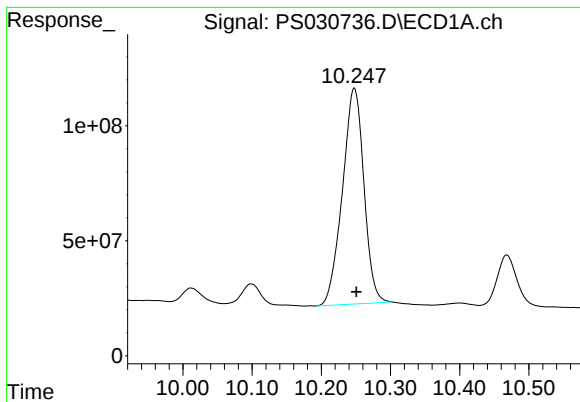
#12 2,4,5-T

R.T.: 9.669 min
Delta R.T.: -0.003 min
Response: 13043156904
Conc: 784.41 ng/ml m



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 9309961452
Conc: 675.20 ng/ml



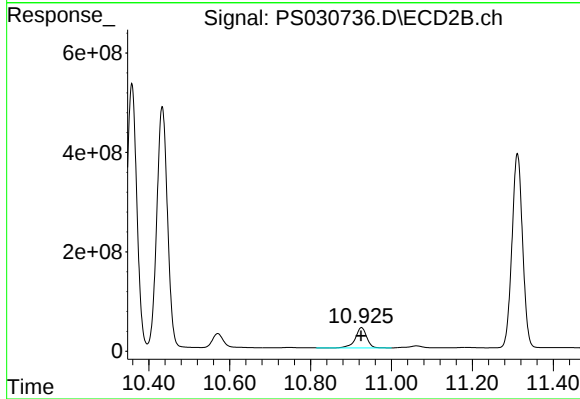
#13 2,4-DB

R.T.: 10.247 min
Delta R.T.: -0.004 min
Response: 2026643466
Conc: 820.12 ng/ml

Instrument :
ECD_S
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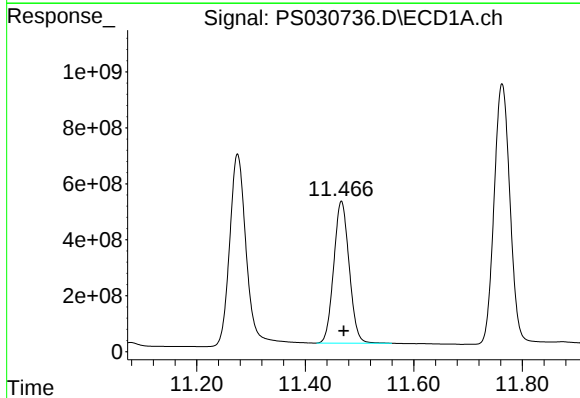
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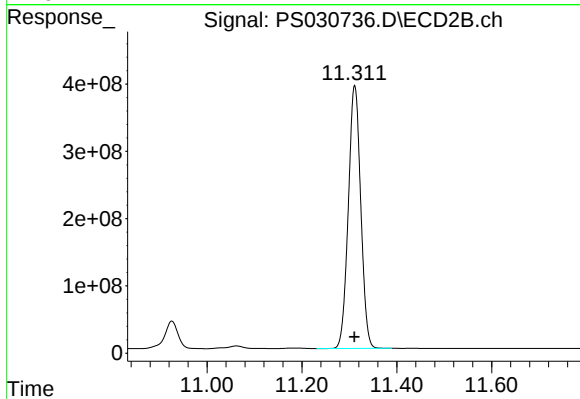
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 798416644
Conc: 672.89 ng/ml



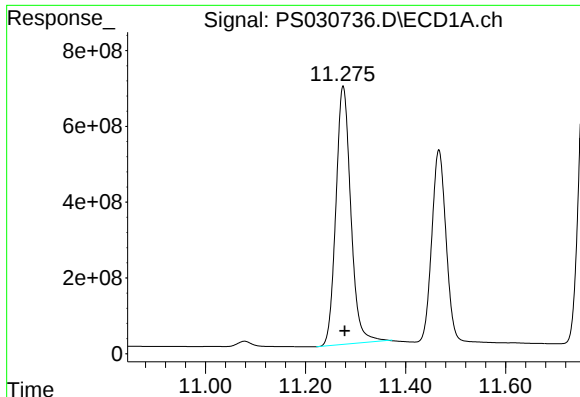
#14 DINOSEB

R.T.: 11.467 min
Delta R.T.: -0.005 min
Response: 9987261650
Conc: 705.25 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 7098715946
Conc: 647.85 ng/ml



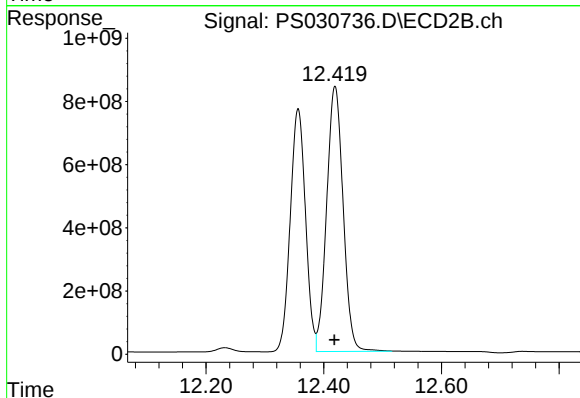
#15 Picloram

R.T.: 11.275 min
Delta R.T.: -0.004 min
Response: 14070273676
Conc: 842.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
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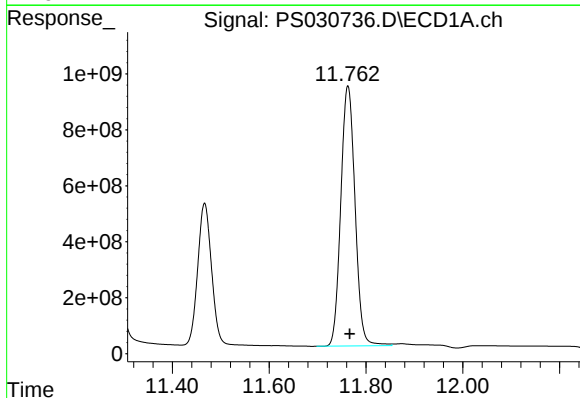
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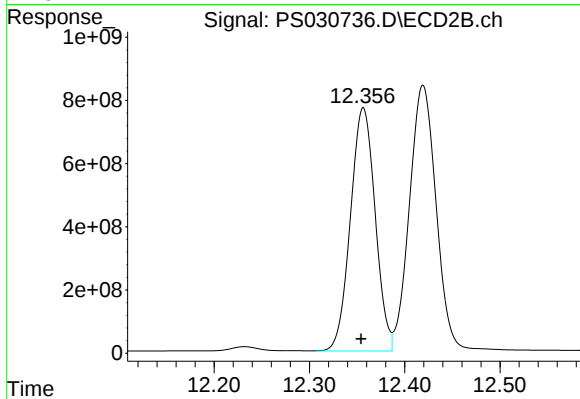
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 16281950755
Conc: 679.10 ng/ml m



#16 DCPA

R.T.: 11.763 min
Delta R.T.: -0.004 min
Response: 18971420292
Conc: 730.37 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: 0.002 min
Response: 13850574912
Conc: 644.95 ng/ml m