

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102025\
 Data File : PS032099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 16:44
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 08:03:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.281	7.745	3559.0E6	830.7E6	746.591	754.981
Target Compounds							
1) T	Dalapon	2.661	2.689	5086.6E6	2571.5E6	658.241	684.212
2) T	3,5-DICHL...	6.448	6.698	4921.2E6	1462.9E6	699.145	701.316
3) T	4-Nitroph...	7.101	7.305	1021.3E6	1009.7E6	765.220	665.427m
5) T	DICAMBA	7.464	7.939	14743.7E6	6158.8E6	704.011	711.104
6) T	MCPD	7.641	8.036	874.2E6	177.7E6	71.490	71.583
7) T	MCPA	7.791	8.284	1054.8E6	273.2E6	71.675	72.427
8) T	DICHLORPROP	8.172	8.660	3258.3E6	1365.3E6	685.355	697.223
9) T	2,4-D	8.412	9.005	3362.3E6	1425.1E6	692.414	685.704
10) T	Pentachlo...	8.707	9.508	48712.1E6	39884.8E6	725.752	769.622
11) T	2,4,5-TP ...	9.280	9.893	19912.1E6	14420.5E6	705.053	718.335
12) T	2,4,5-T	9.579	10.323	18091.6E6	12345.1E6	716.663	720.052
13) T	2,4-DB	10.155	10.893	2136.7E6	843.7E6	689.203	652.958
14) T	DINOSEB	11.345	11.265	15510.8E6	11047.5E6	695.524	726.663
15) T	Picloram	11.185	12.394	13635.6E6	19414.5E6	578.322m	583.159
16) T	DCPA	11.645	12.306	25867.4E6	24372.5E6	704.063	733.853

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

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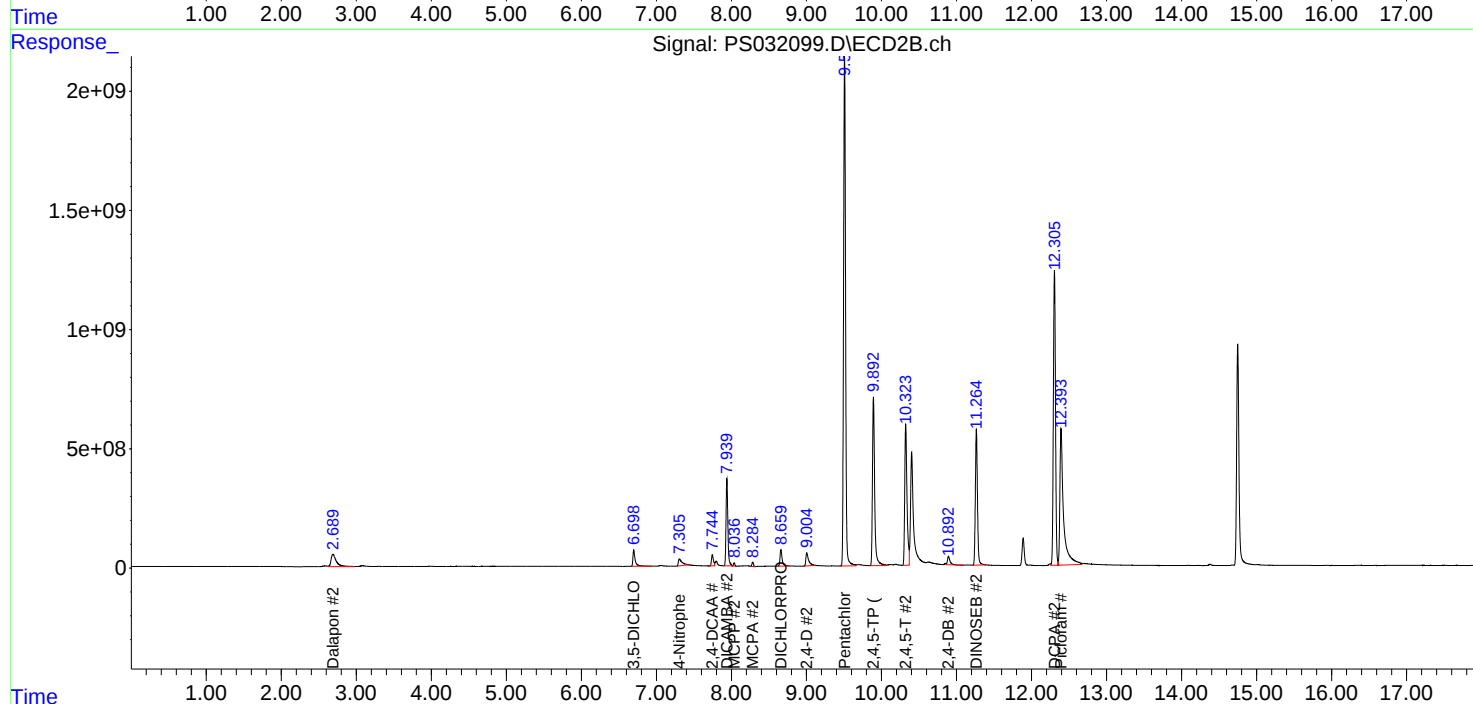
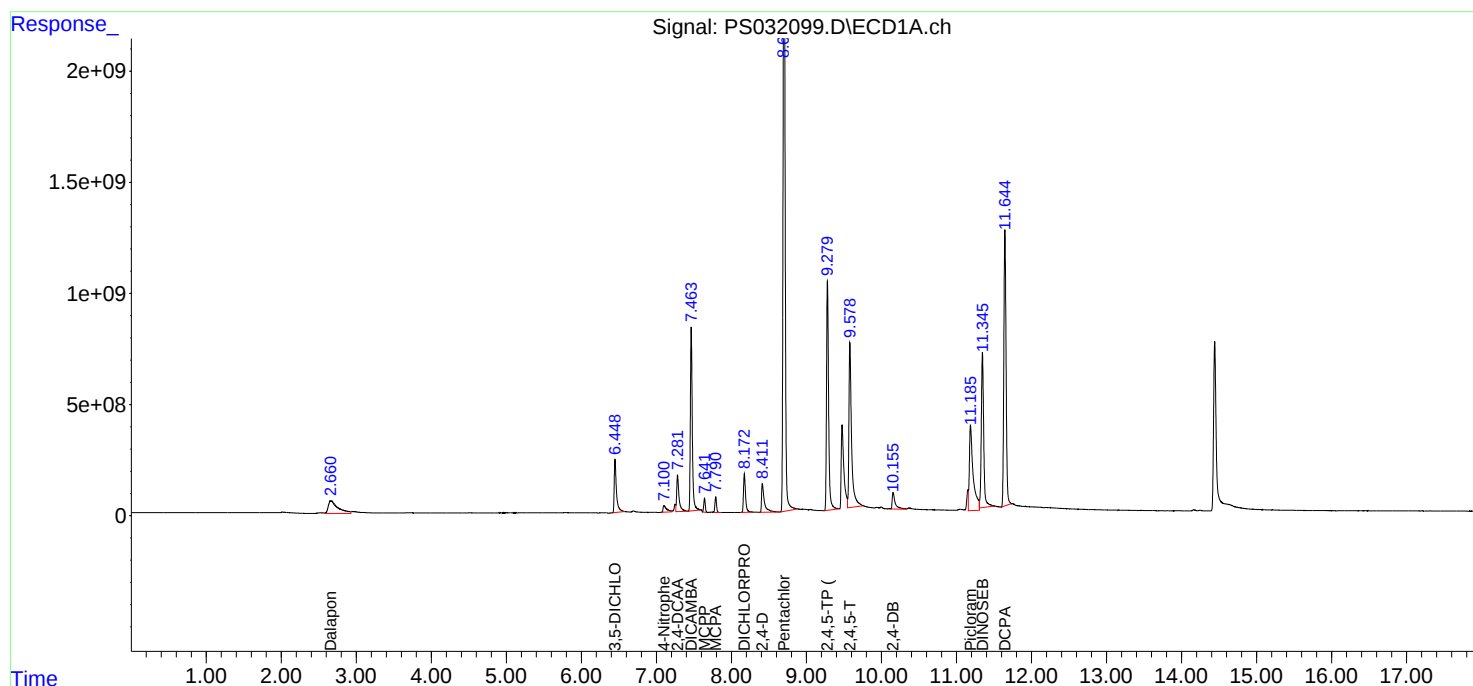
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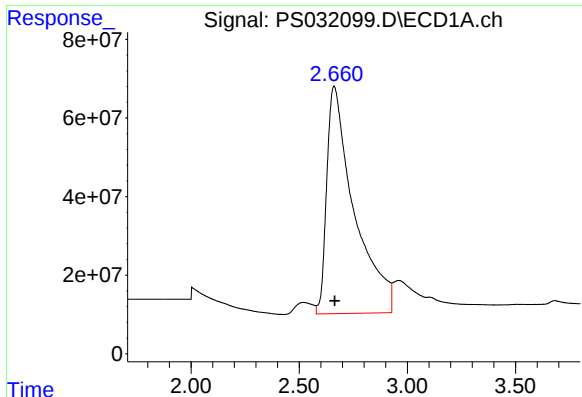
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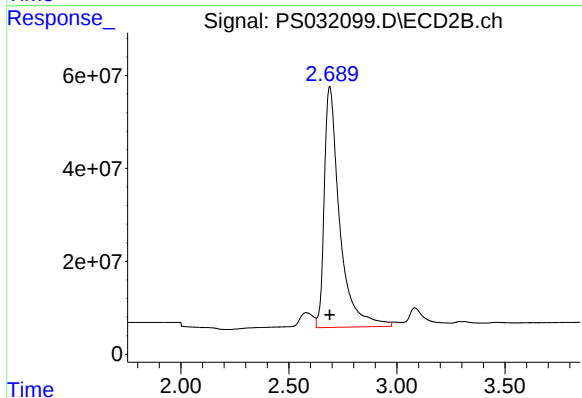
#1 Dalapon

R.T.: 2.661 min
Delta R.T.: -0.004 min
Response: 5086574729
Conc: 658.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

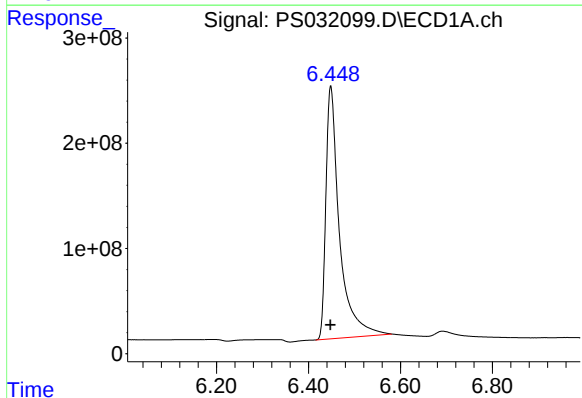
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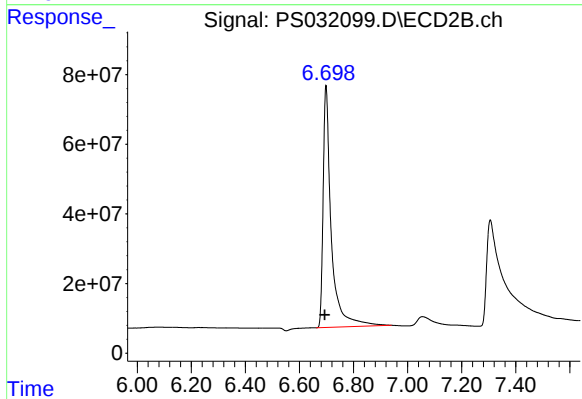
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 2571454216
Conc: 684.21 ng/ml



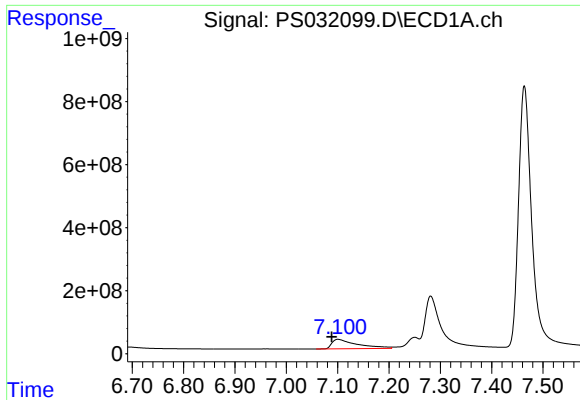
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 4921186356
Conc: 699.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 1462863686
Conc: 701.32 ng/ml



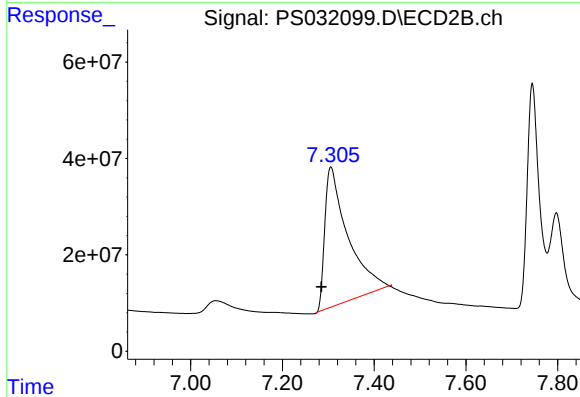
#3 4-Nitrophenol

R.T.: 7.101 min
Delta R.T.: 0.012 min
Response: 1021326804
Conc: 765.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

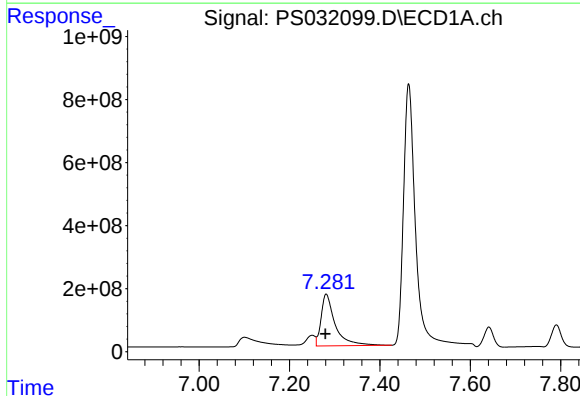
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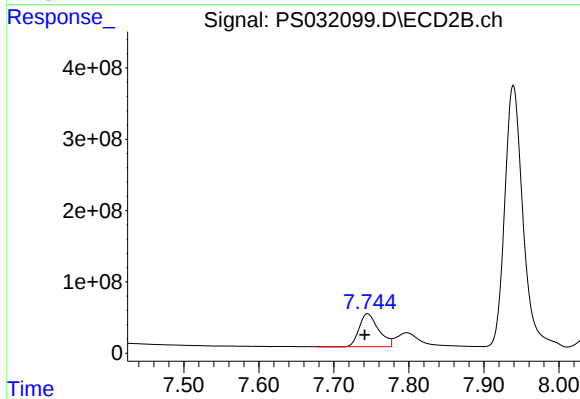
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.020 min
Response: 1009725989
Conc: 665.43 ng/ml m



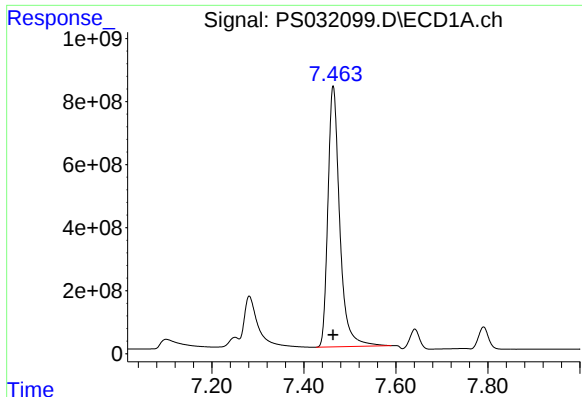
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: 0.002 min
Response: 3559023754
Conc: 746.59 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 830736169
Conc: 754.98 ng/ml



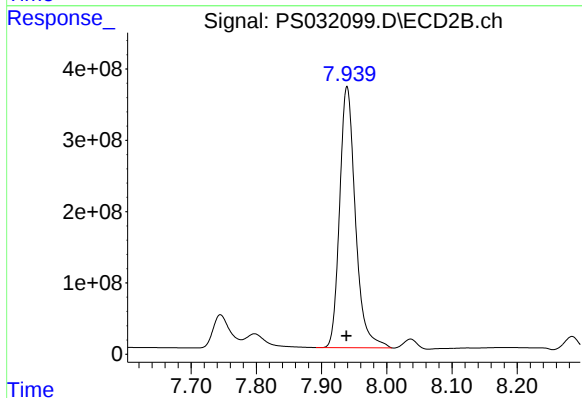
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 14743651937
Conc: 704.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

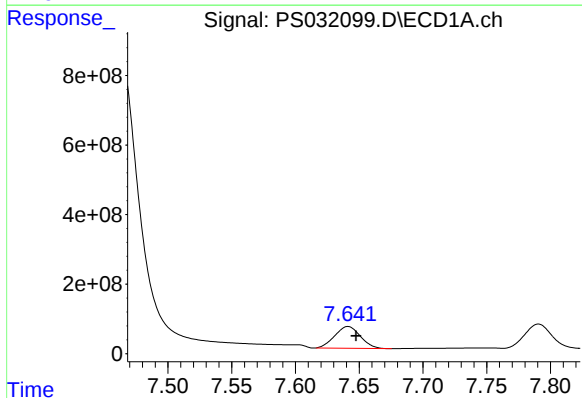
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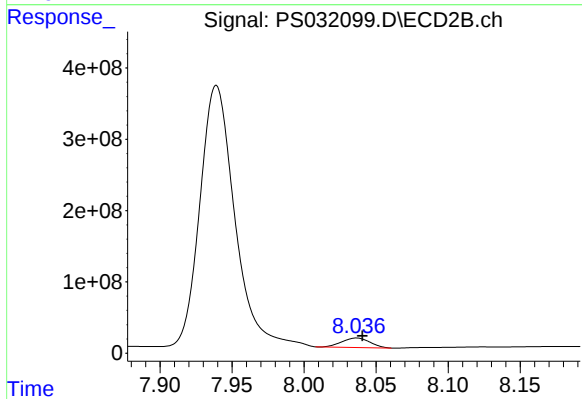
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 6158792104
Conc: 711.10 ng/ml



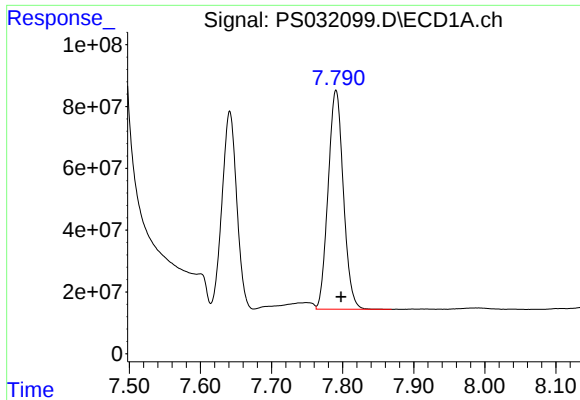
#6 MCP

R.T.: 7.641 min
Delta R.T.: -0.006 min
Response: 874209258
Conc: 71.49 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 177687651
Conc: 71.58 ug/ml



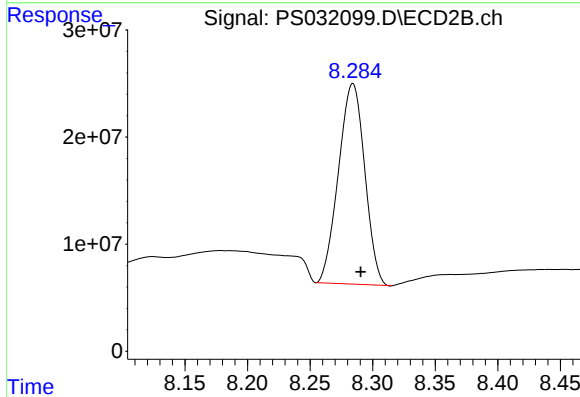
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 1054784377
Conc: 71.67 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

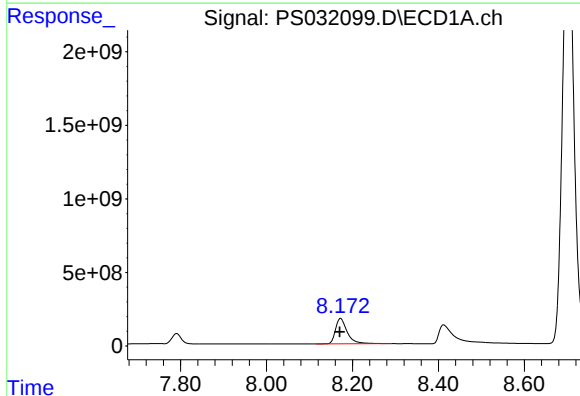
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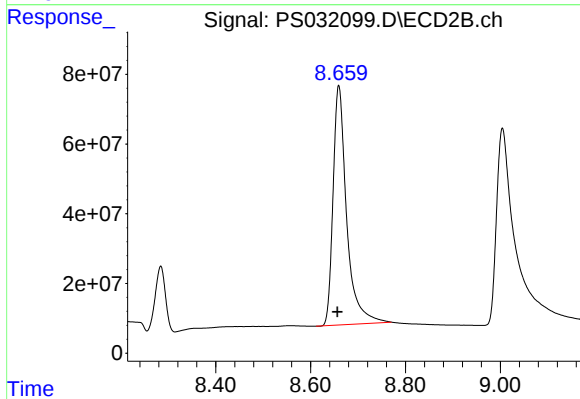
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 273220065
Conc: 72.43 ug/ml



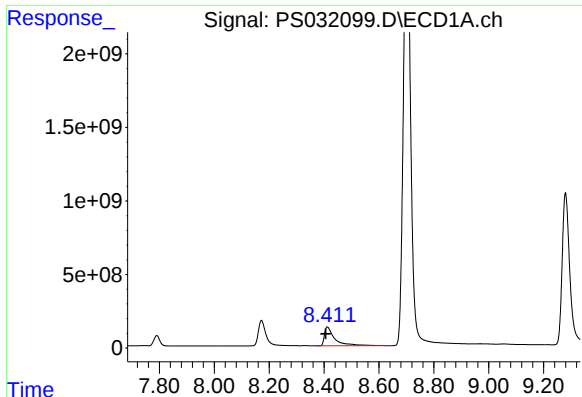
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: 0.001 min
Response: 3258277471
Conc: 685.35 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 1365343773
Conc: 697.22 ng/ml



#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.005 min
Response: 3362273047
Conc: 692.41 ng/ml

Instrument :

ECD_S

ClientSampleId :

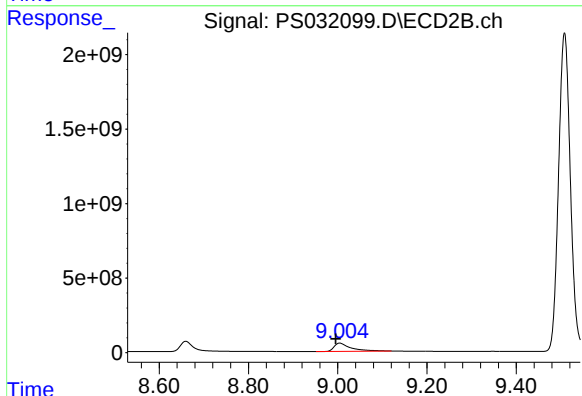
HSTDCCC750

Manual Integrations

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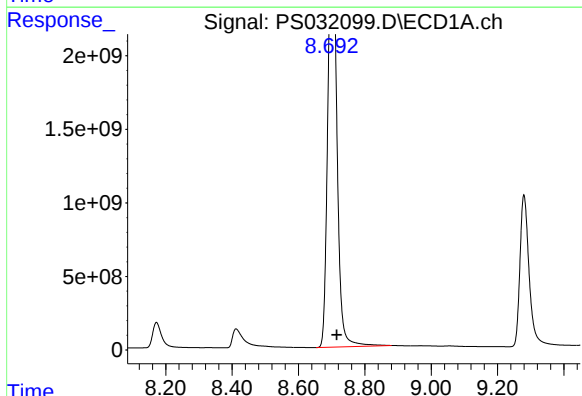
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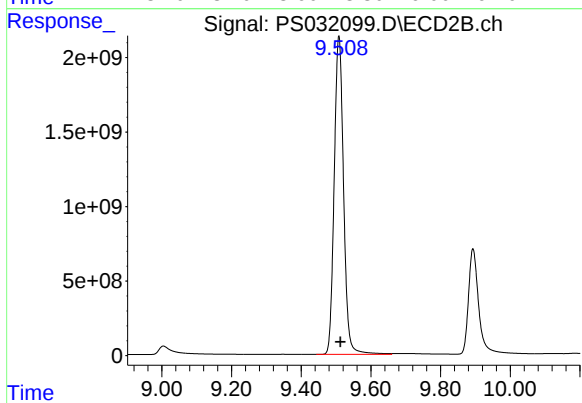
#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.009 min
Response: 1425097022
Conc: 685.70 ng/ml



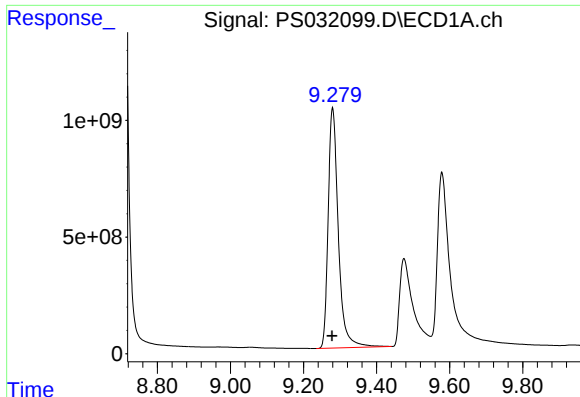
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.008 min
Response: 48712079173
Conc: 725.75 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 39884771236
Conc: 769.62 ng/ml



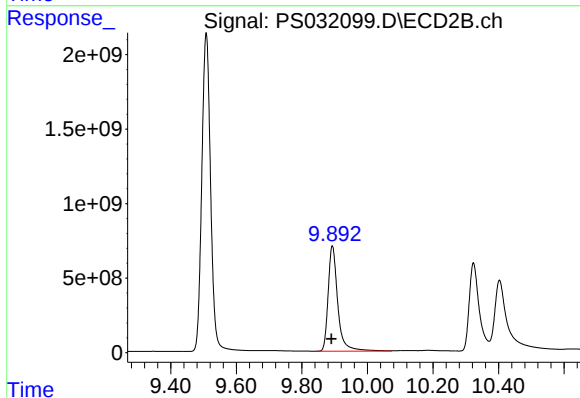
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: 0.001 min
Response: 19912130303
Conc: 705.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

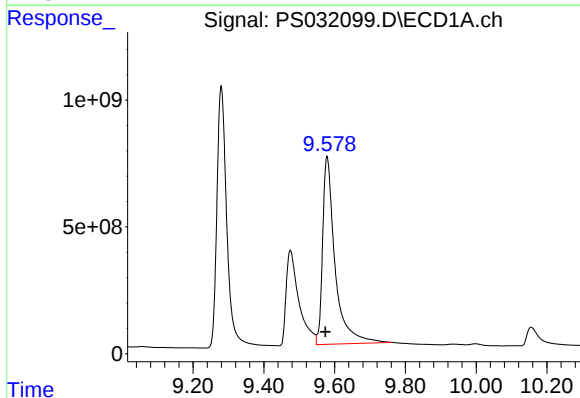
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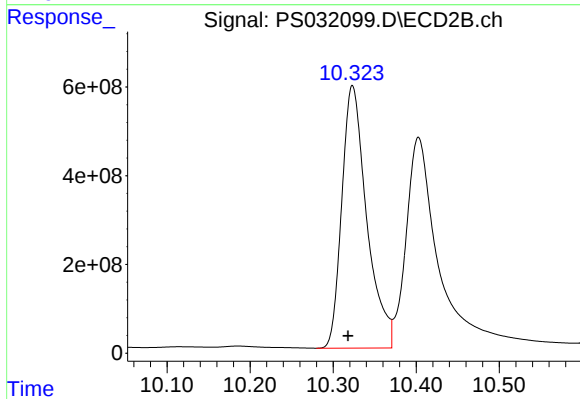
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.003 min
Response: 14420481711
Conc: 718.34 ng/ml



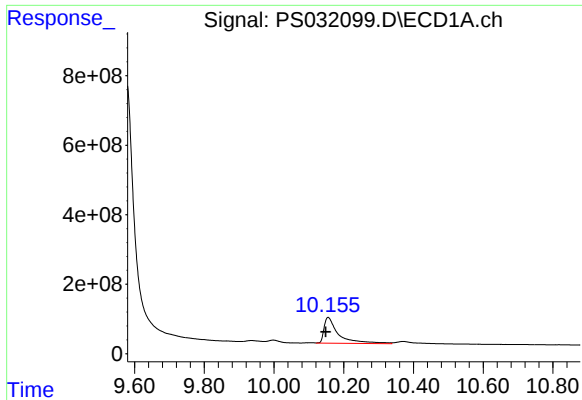
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.004 min
Response: 18091645027
Conc: 716.66 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.005 min
Response: 12345062850
Conc: 720.05 ng/ml



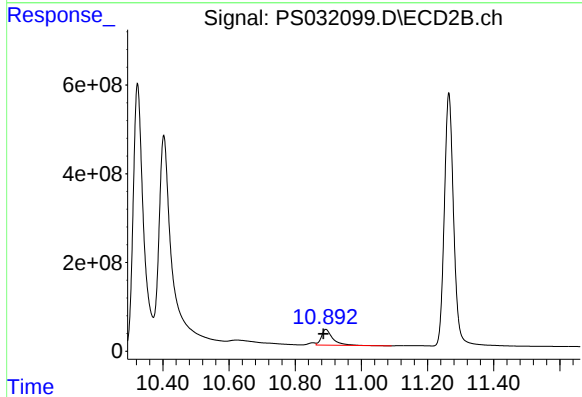
#13 2,4-DB

R.T.: 10.155 min
Delta R.T.: 0.006 min
Response: 2136746905
Conc: 689.20 ng/ml

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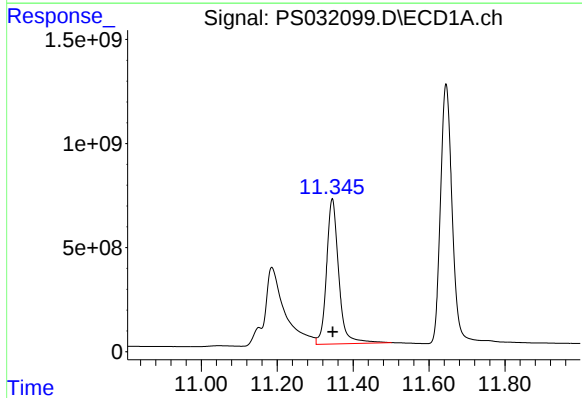
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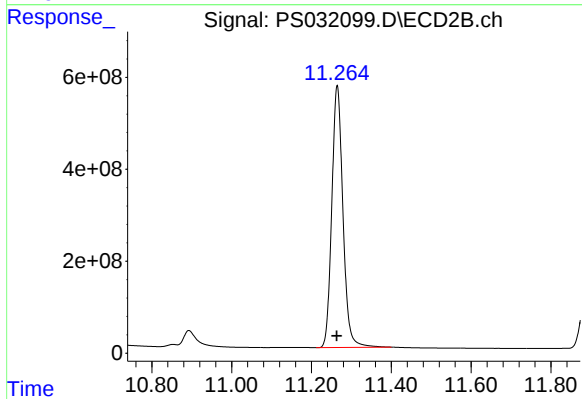
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: 0.008 min
Response: 843681283
Conc: 652.96 ng/ml



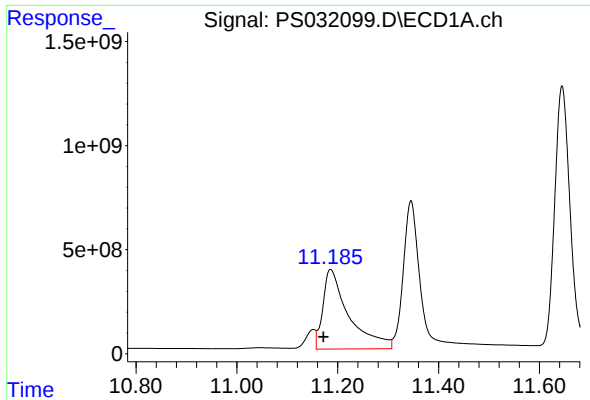
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 15510792522
Conc: 695.52 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 11047506382
Conc: 726.66 ng/ml



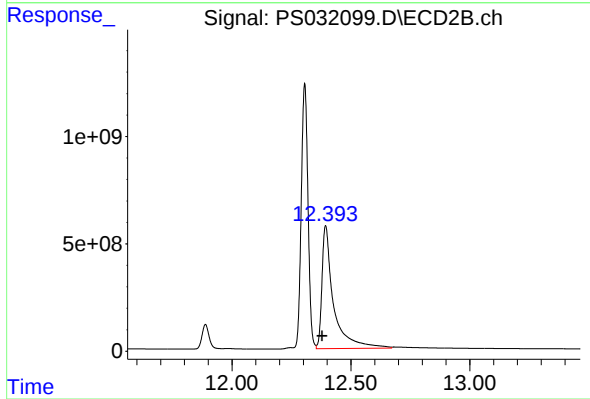
#15 Picloram

R.T.: 11.185 min
Delta R.T.: 0.014 min
Response: 13635600553
Conc: 578.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

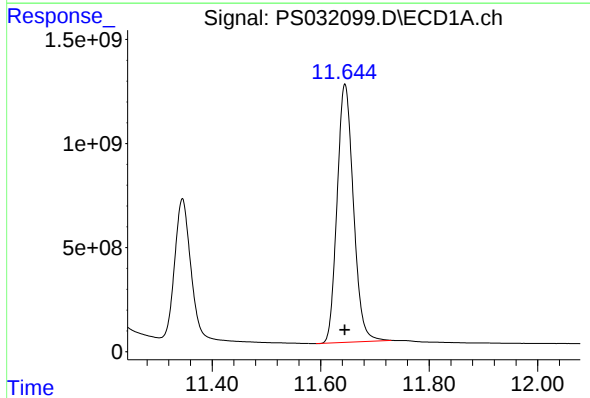
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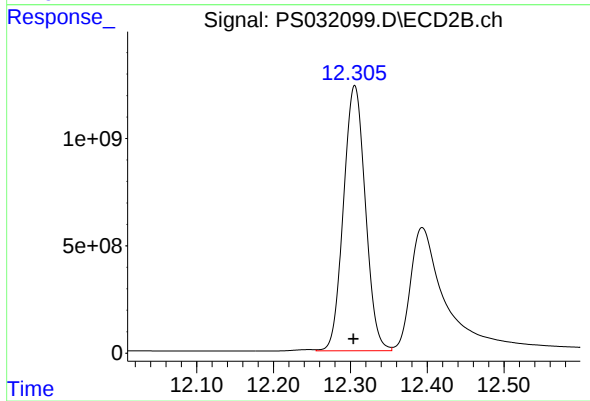
#15 Picloram

R.T.: 12.394 min
Delta R.T.: 0.015 min
Response: 19414549546
Conc: 583.16 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 25867439118
Conc: 704.06 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.002 min
Response: 24372454937
Conc: 733.85 ng/ml