

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102125\
 Data File : PS032118.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 00:33
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/22/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 14:04:46 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	7.280	7.745	3723.7E6	915.2E6	781.135	831.703
Target Compounds							
1) T	Dalapon	2.658	2.687	5436.9E6	2799.2E6	703.577	744.811
2) T	3,5-DICHL...	6.448	6.698	5028.7E6	1433.8E6	714.421	687.388
3) T	4-Nitroph...	7.093	7.300	1001.9E6	1033.5E6	750.678m	681.082
5) T	DICAMBA	7.463	7.940	14794.0E6	6284.0E6	706.414	725.559
6) T	MCPD	7.643	8.038	934.5E6	187.0E6	76.421	75.349
7) T	MCPA	7.792	8.286	1123.4E6	284.9E6	76.340	75.511
8) T	DICHLORPROP	8.171	8.660	3325.5E6	1406.9E6	699.490	718.463
9) T	2,4-D	8.409	9.002	3574.2E6	1555.7E6	736.052	748.525
10) T	Pentachlo...	8.708	9.509	49342.7E6	40585.3E6	735.148	783.140
11) T	2,4,5-TP ...	9.279	9.893	20522.1E6	14720.4E6	726.650	733.274
12) T	2,4,5-T	9.576	10.323	19560.3E6	13074.2E6	774.842	762.578
13) T	2,4-DB	10.151	10.892	2196.0E6	1004.4E6	708.305	777.330
14) T	DINOSEB	11.345	11.265	15732.7E6	11225.0E6	705.475	738.336
15) T	Picloram	11.177	12.388	18428.5E6	23589.5E6	781.603	708.564
16) T	DCPA	11.644	12.306	26442.5E6	24202.6E6	719.715	728.739

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

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Acq On : 22 Oct 2025 00:33
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 23 Sample Multiplier: 1

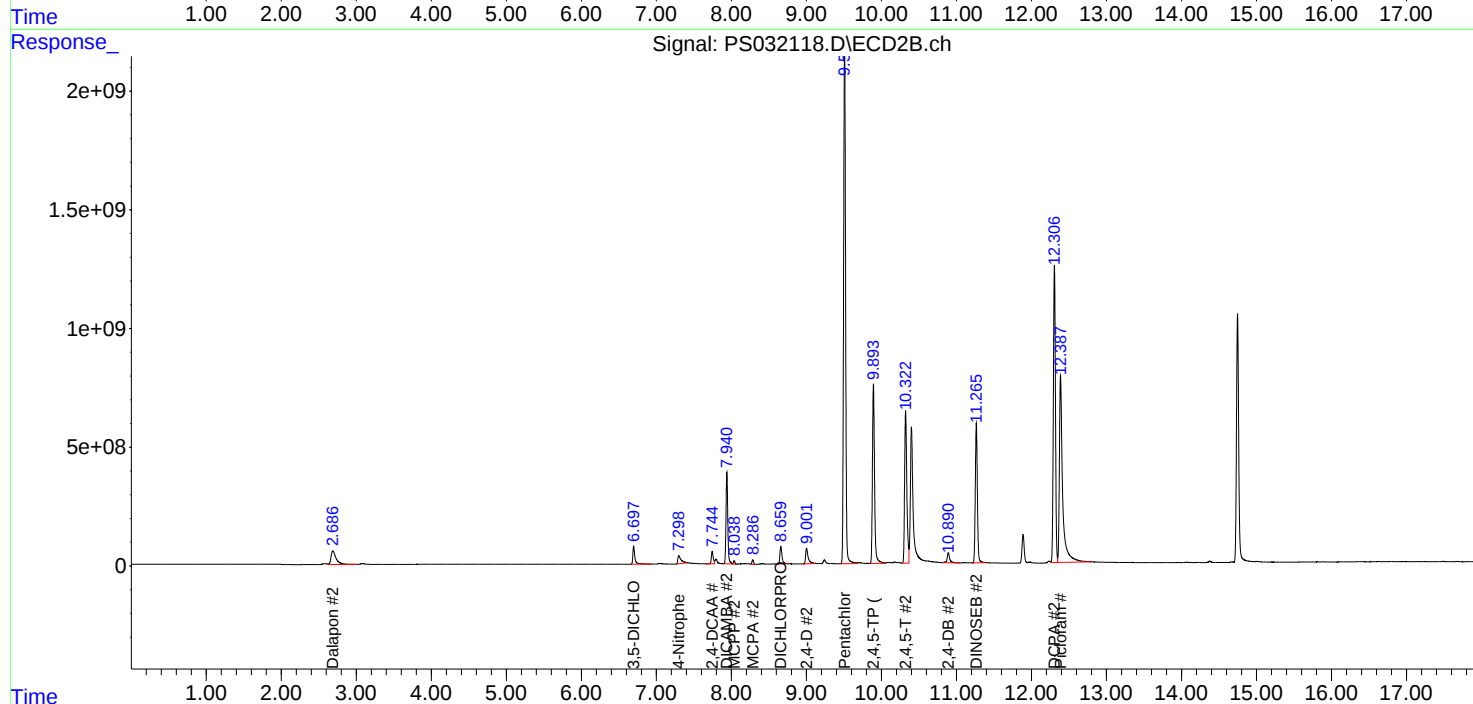
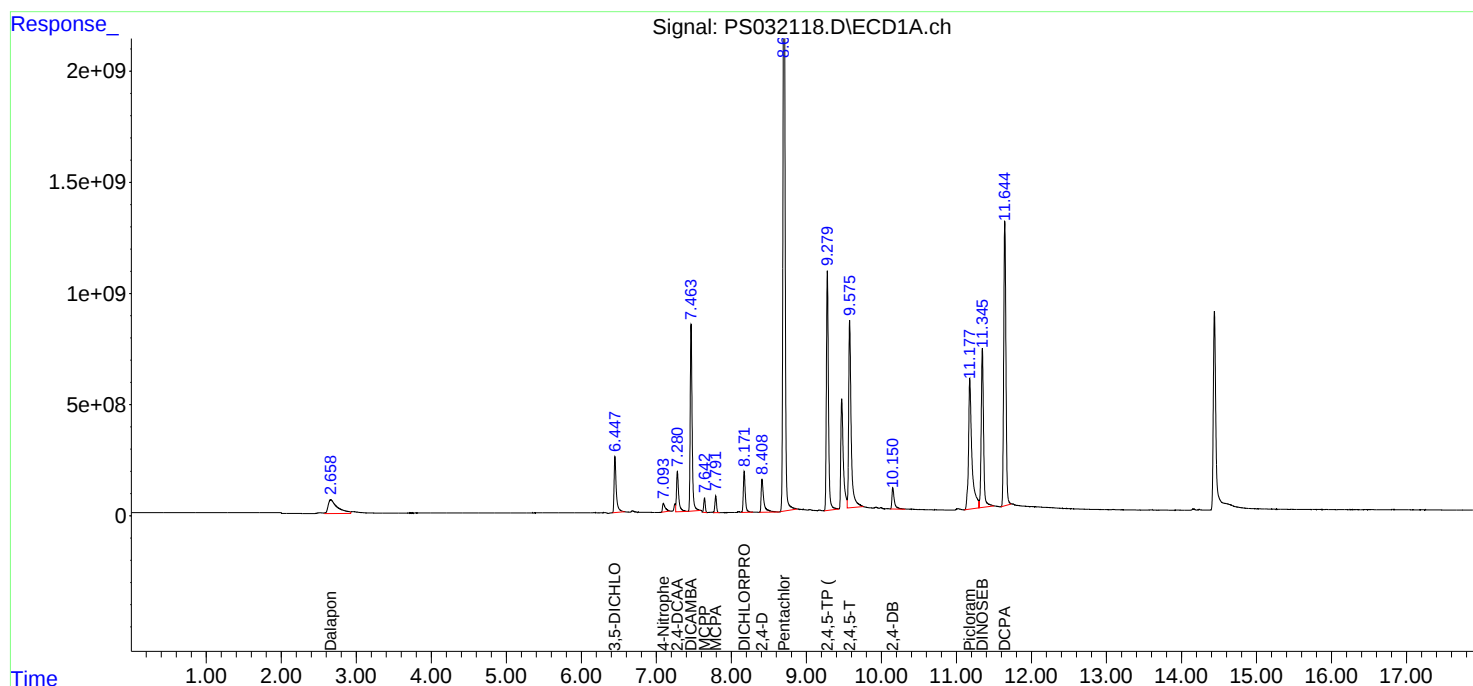
Instrument :
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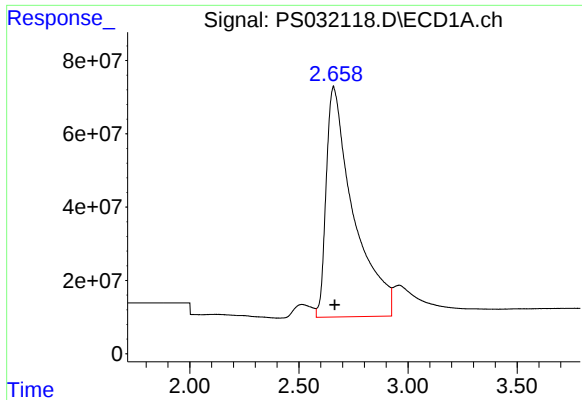
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.658 min
Delta R.T.: -0.007 min
Response: 5436910863
Conc: 703.58 ng/ml

Instrument :

ECD_S

ClientSampleId :

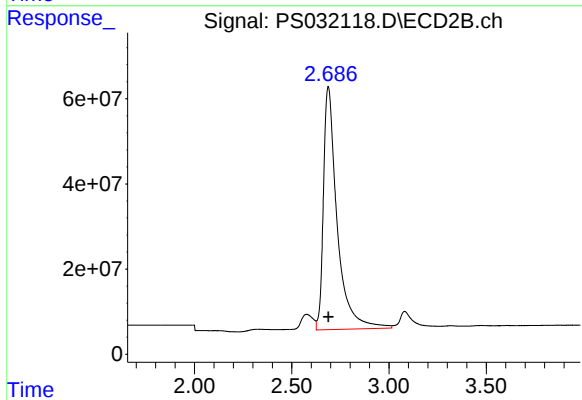
HSTDCCC750

Manual Integrations

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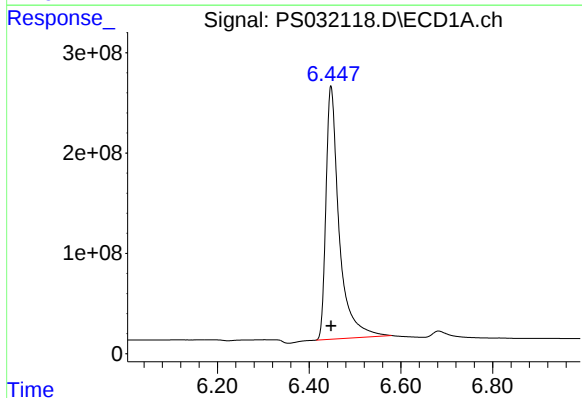
Reviewed By :Abdul Mirza 10/22/2025

Supervised By :mohammad ahmed 10/24/2025



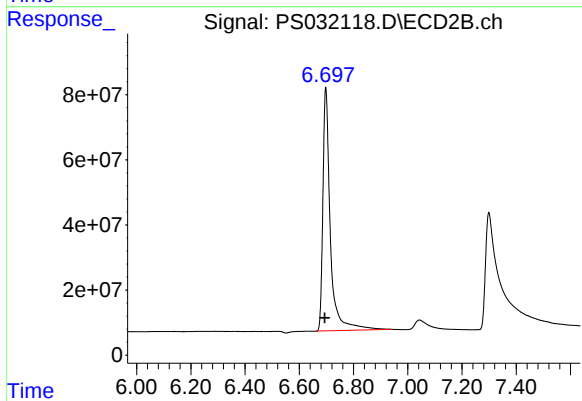
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 2799201441
Conc: 744.81 ng/ml



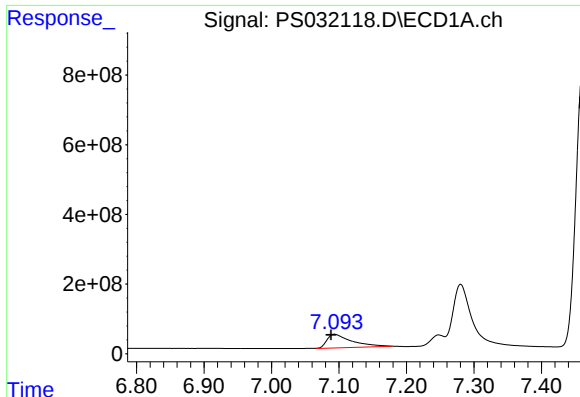
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 5028713924
Conc: 714.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 1433810577
Conc: 687.39 ng/ml



#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: 0.004 min
Response: 1001917704
Conc: 750.68 ng/ml

Instrument :

ECD_S

ClientSampleId :

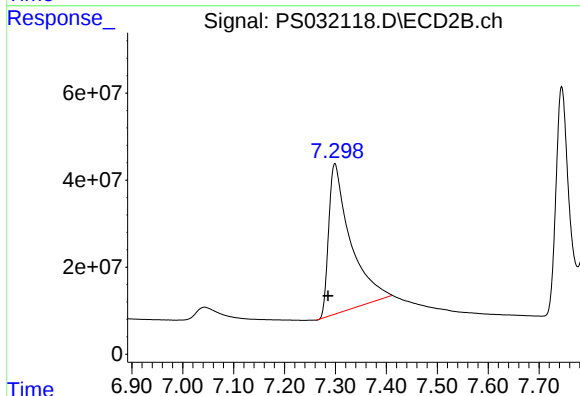
HSTDCCC750

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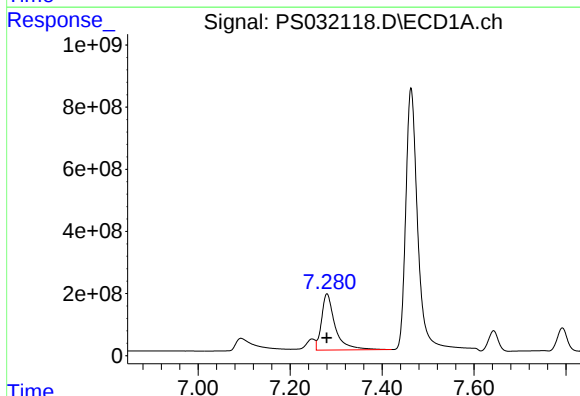
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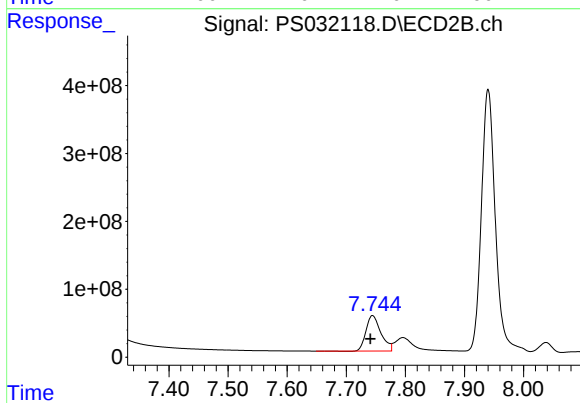
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.015 min
Response: 1033482340
Conc: 681.08 ng/ml



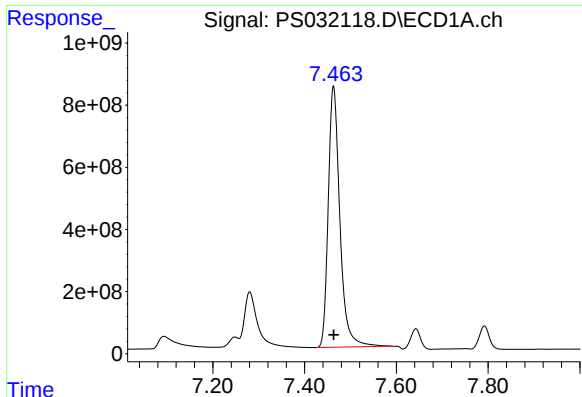
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 3723697554
Conc: 781.13 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 915155952
Conc: 831.70 ng/ml



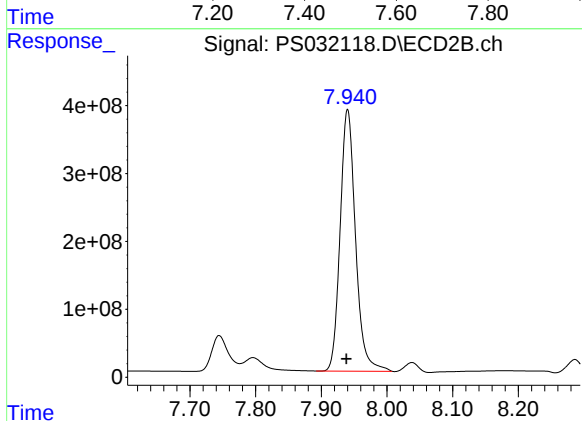
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 14793986299
Conc: 706.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

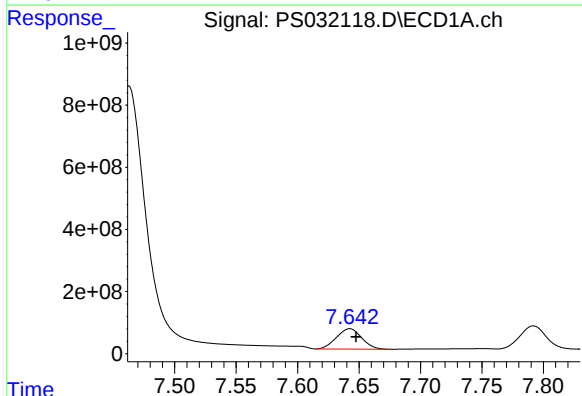
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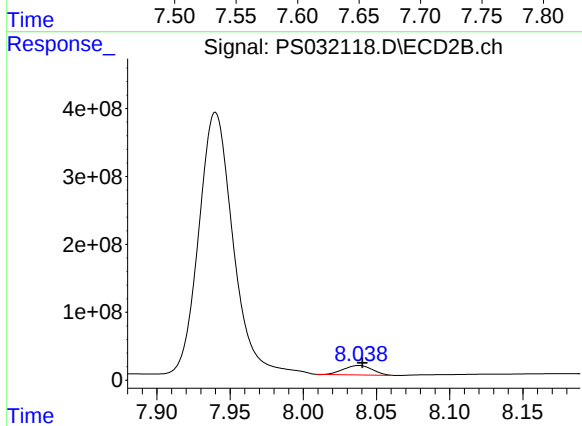
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 6283981609
Conc: 725.56 ng/ml



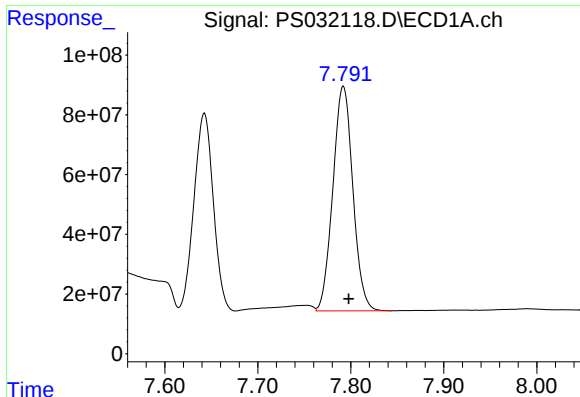
#6 MCP

R.T.: 7.643 min
Delta R.T.: -0.005 min
Response: 934507777
Conc: 76.42 ug/ml



#6 MCP

R.T.: 8.038 min
Delta R.T.: -0.003 min
Response: 187035465
Conc: 75.35 ug/ml



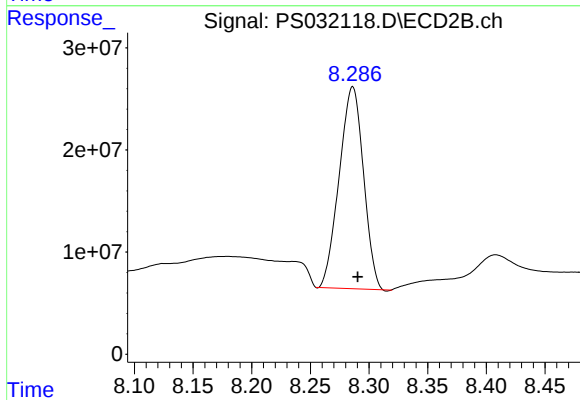
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.006 min
Response: 1123432550
Conc: 76.34 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

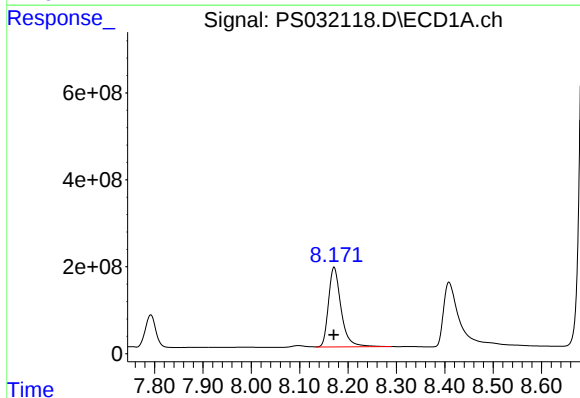
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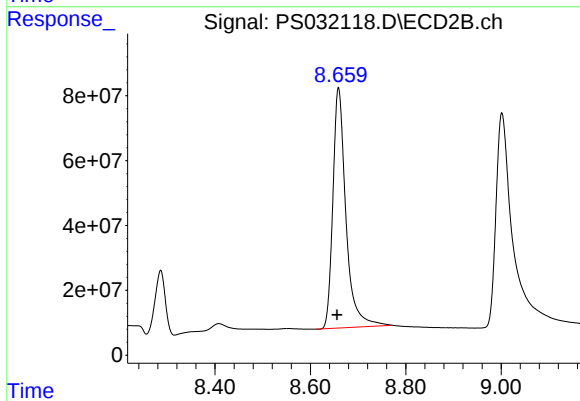
#7 MCPA

R.T.: 8.286 min
Delta R.T.: -0.005 min
Response: 284852752
Conc: 75.51 ug/ml



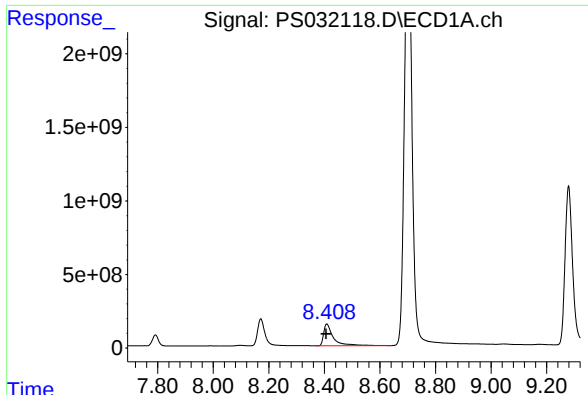
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 3325476440
Conc: 699.49 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 1406936988
Conc: 718.46 ng/ml



#9 2,4-D

R.T.: 8.409 min
Delta R.T.: 0.002 min
Response: 3574174559
Conc: 736.05 ng/ml

Instrument :

ECD_S

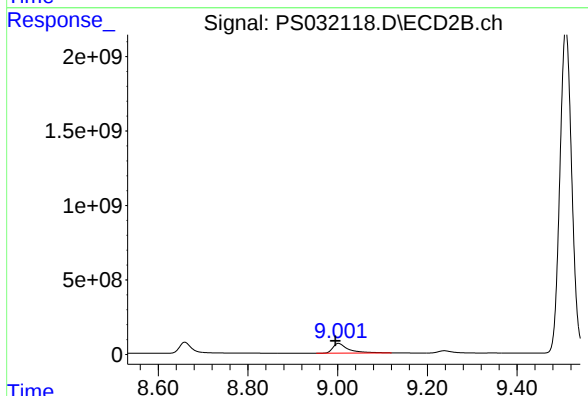
ClientSampleId :

HSTDCCC750

Manual Integrations

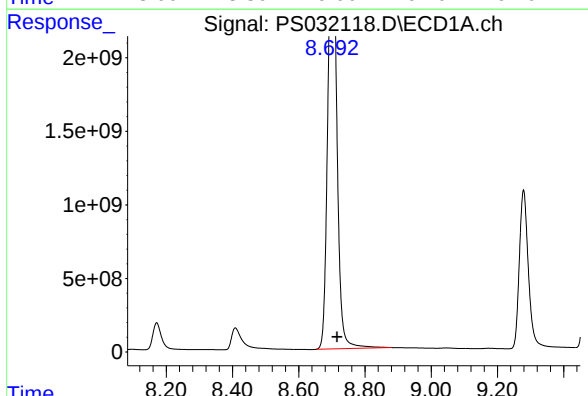
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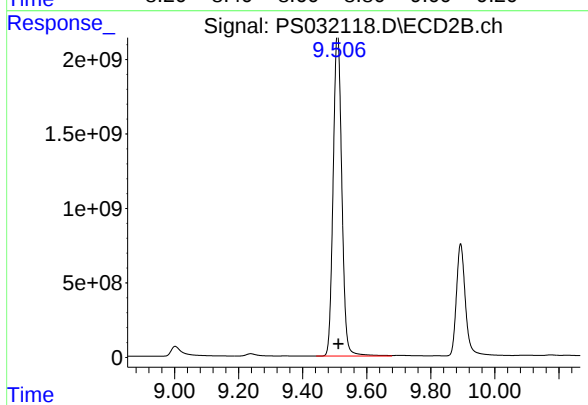
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: 0.007 min
Response: 1555657986
Conc: 748.53 ng/ml



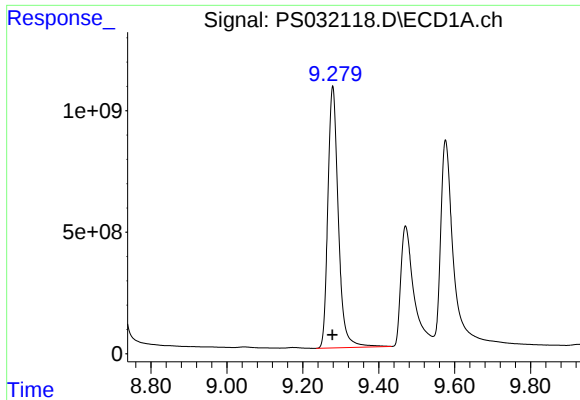
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.008 min
Response: 49342748646
Conc: 735.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.003 min
Response: 40585324234
Conc: 783.14 ng/ml



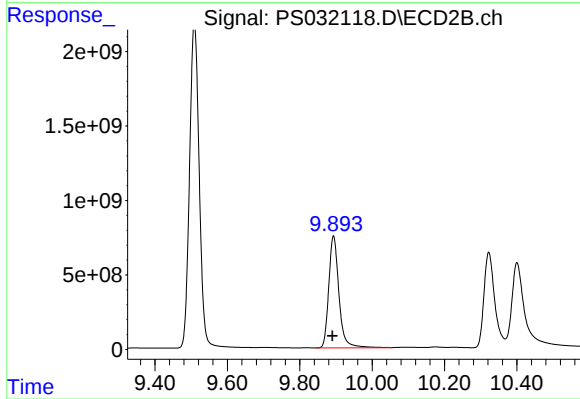
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 20522076261
Conc: 726.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

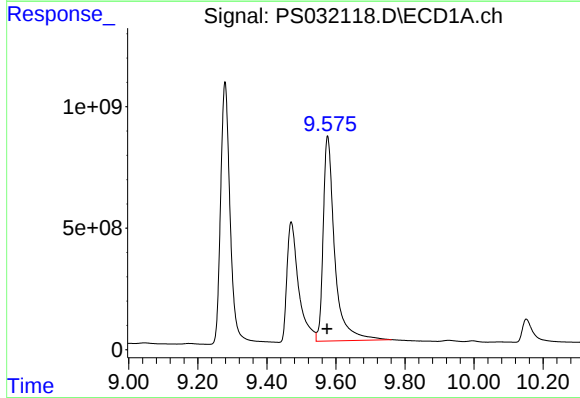
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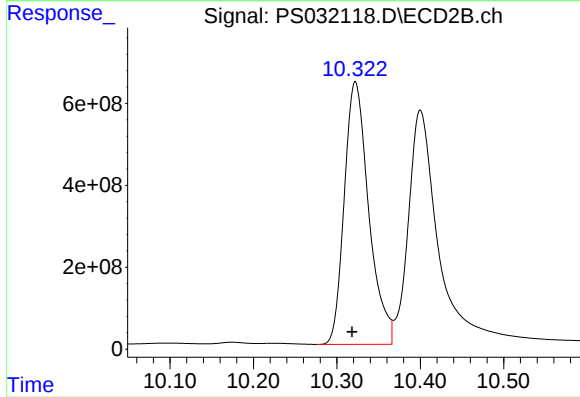
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.003 min
Response: 14720376397
Conc: 733.27 ng/ml



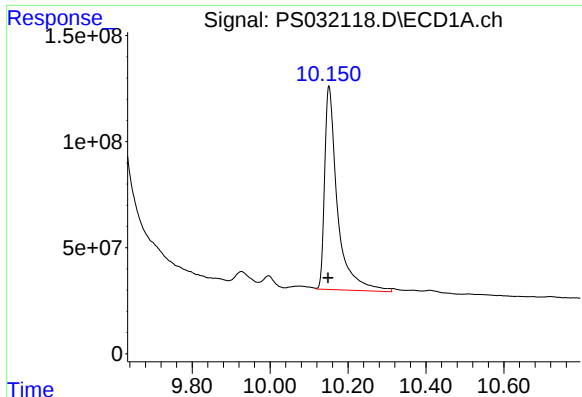
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: 0.001 min
Response: 19560326758
Conc: 774.84 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.005 min
Response: 13074153952
Conc: 762.58 ng/ml



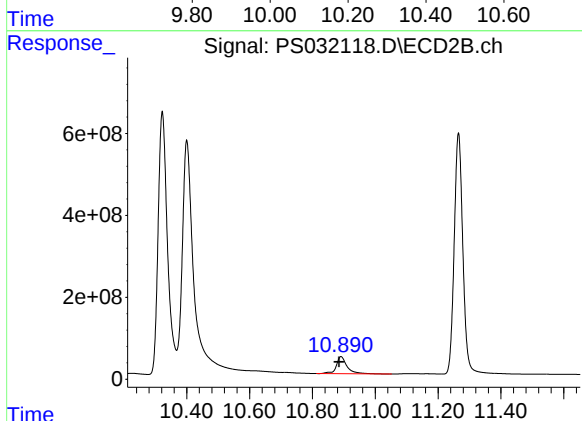
#13 2,4-DB

R.T.: 10.151 min
Delta R.T.: 0.002 min
Response: 2195970103
Conc: 708.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
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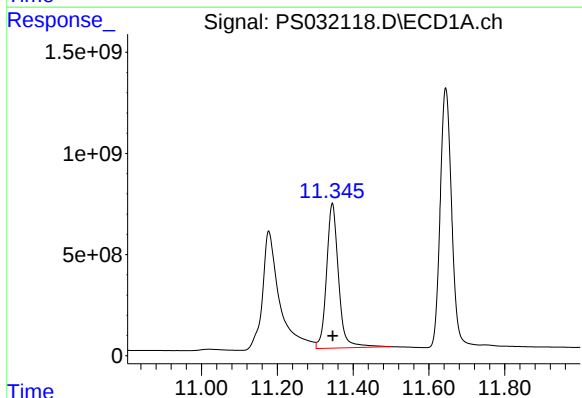
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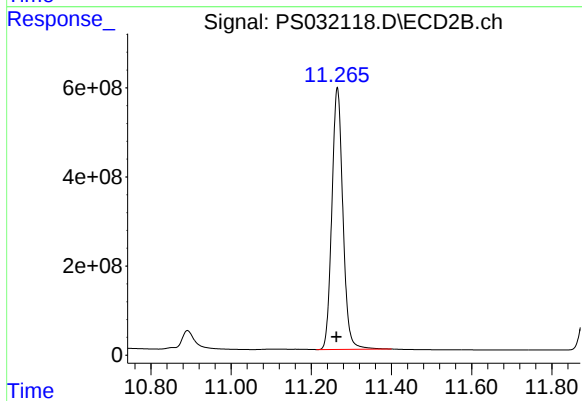
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.006 min
Response: 1004380972
Conc: 777.33 ng/ml



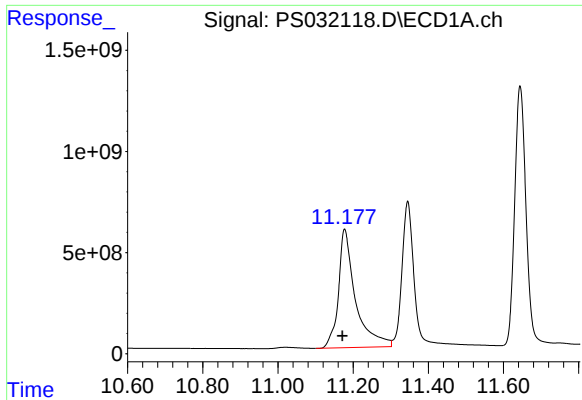
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 15732699005
Conc: 705.47 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 11224984126
Conc: 738.34 ng/ml



#15 Picloram

R.T.: 11.177 min
Delta R.T.: 0.006 min
Response: 18428526613
Conc: 781.60 ng/ml

Instrument :

ECD_S

ClientSampleId :

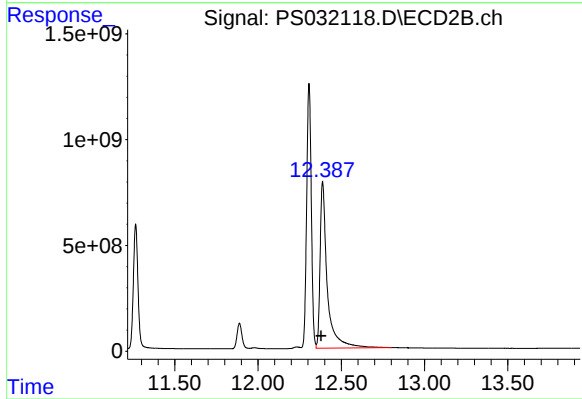
HSTDCCC750

Manual Integrations

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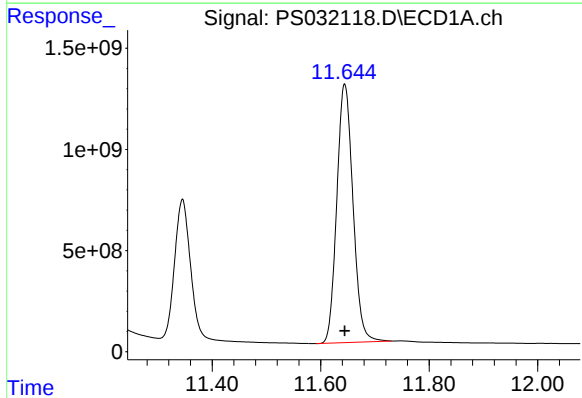
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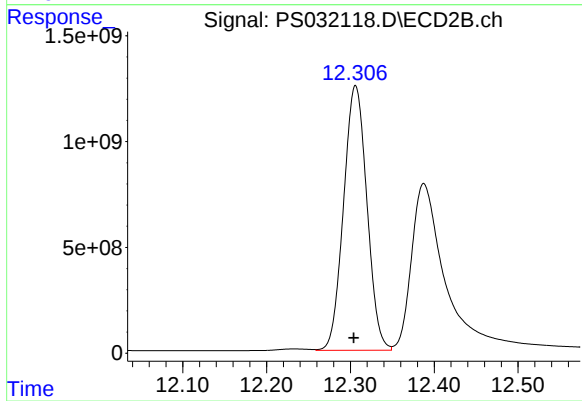
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.009 min
Response: 23589523015
Conc: 708.56 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 26442496576
Conc: 719.72 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.002 min
Response: 24202620860
Conc: 728.74 ng/ml