

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101525\
 Data File : PS032042.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 21:05
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:07:12 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	7.282	7.745	3577.6E6	831.1E6	750.482	755.332
Target Compounds							
1) T	Dalapon	2.661	2.688	5061.7E6	2607.2E6	655.028	693.716
2) T	3,5-DICHL...	6.450	6.698	4932.9E6	1458.1E6	700.812	699.026
3) T	4-Nitroph...	7.101	7.303	1030.9E6	1060.5E6	772.414	698.883m
5) T	DICAMBA	7.464	7.940	14796.3E6	6129.2E6	706.526	707.683
6) T	MCPD	7.642	8.036	890.7E6	174.8E6	72.838	70.429
7) T	MCPA	7.791	8.284	1089.6E6	276.0E6	74.044	73.162
8) T	DICHLORPROP	8.173	8.660	3273.7E6	1352.8E6	688.591	690.835
9) T	2,4-D	8.412	9.004	2743.7E6	1420.9E6	565.027m	683.680
10) T	Pentachlo...	8.709	9.508	48798.0E6	39464.9E6	727.032	761.519
11) T	2,4,5-TP ...	9.280	9.894	20174.5E6	14329.1E6	714.344	713.783
12) T	2,4,5-T	9.580	10.324	18499.7E6	12369.0E6	732.829	721.446
13) T	2,4-DB	10.156	10.892	2276.9E6	873.2E6	734.396	675.841
14) T	DINOSEB	11.345	11.264	15732.7E6	10971.5E6	705.476	721.660
15) T	Picloram	11.185	12.390	16775.3E6	22822.3E6	711.484	685.519
16) T	DCPA	11.645	12.305	26312.6E6	23842.0E6	716.180	717.882

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

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Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

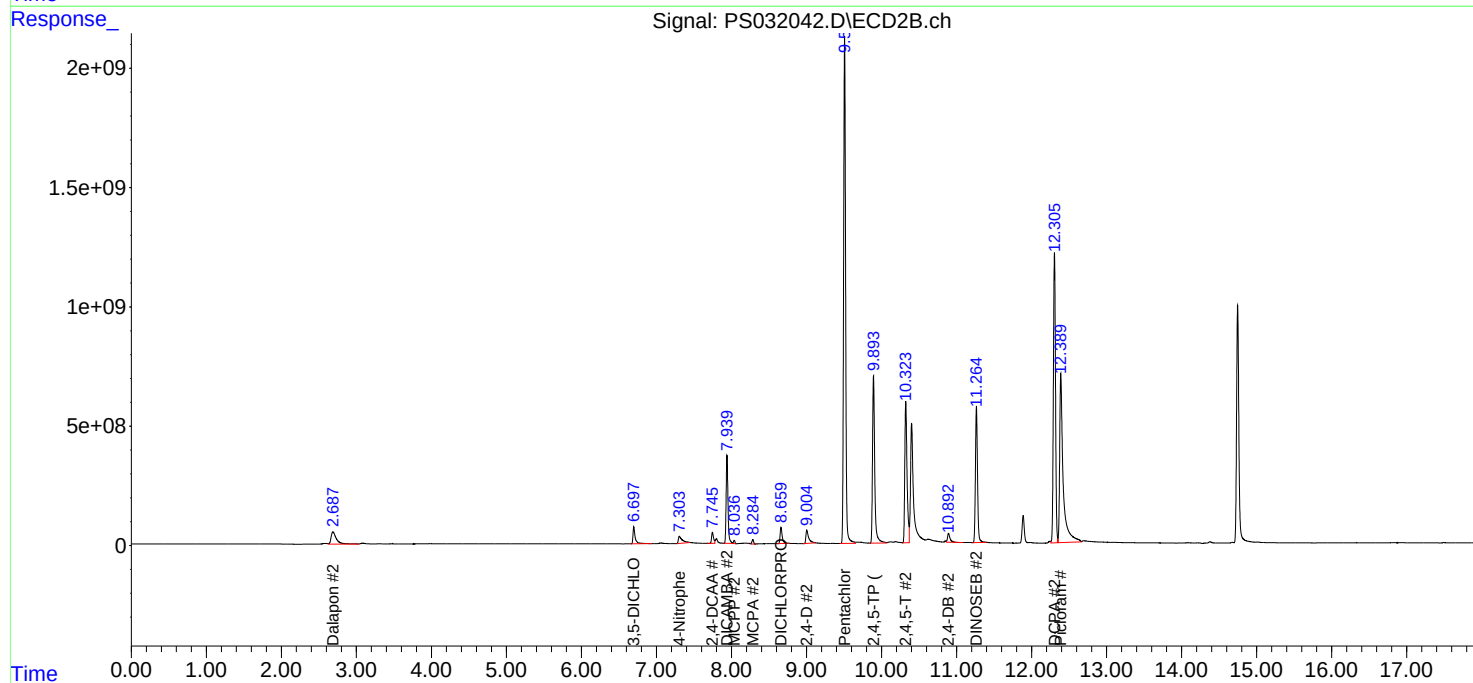
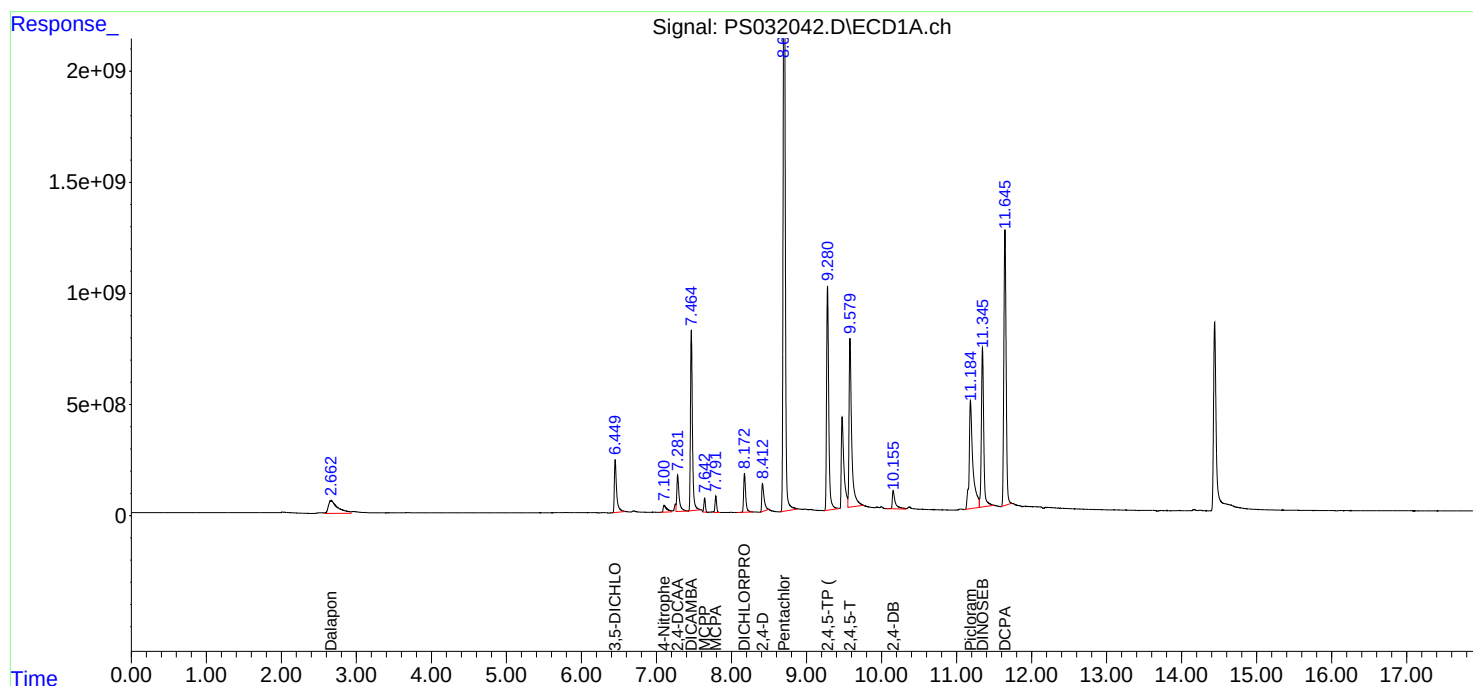
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

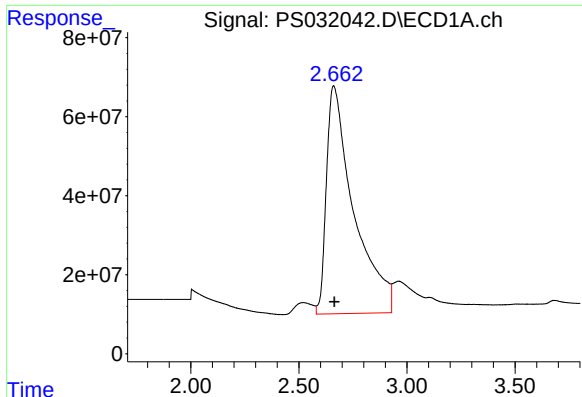
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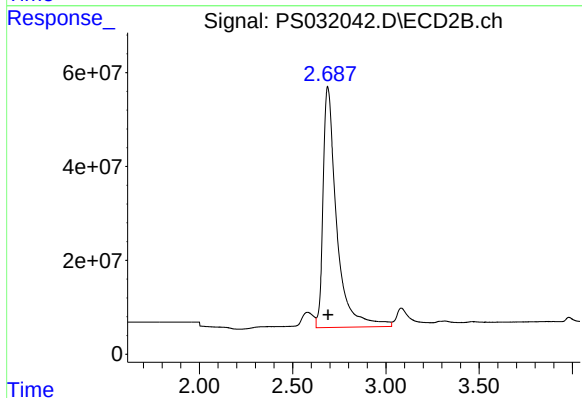
#1 Dalapon

R.T.: 2.661 min
Delta R.T.: -0.004 min
Response: 5061748376
Conc: 655.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

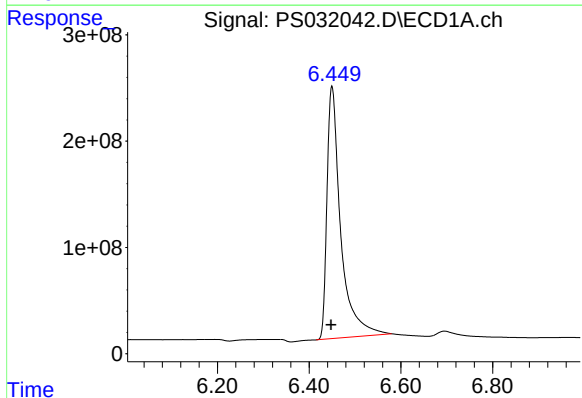
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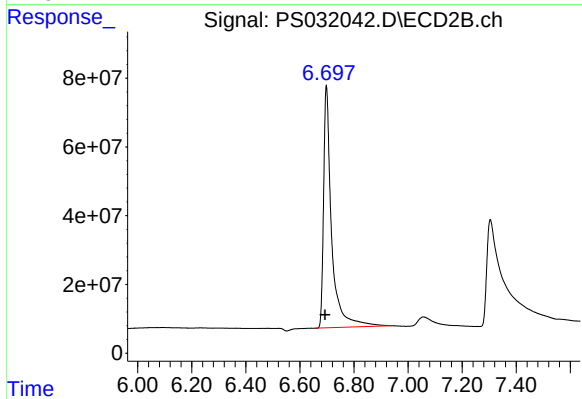
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 2607172343
Conc: 693.72 ng/ml



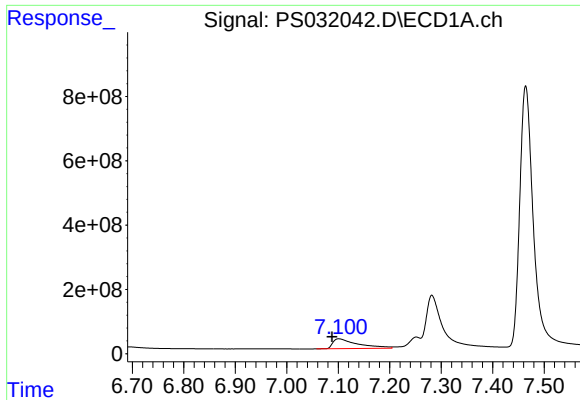
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 4932920341
Conc: 700.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.004 min
Response: 1458086598
Conc: 699.03 ng/ml



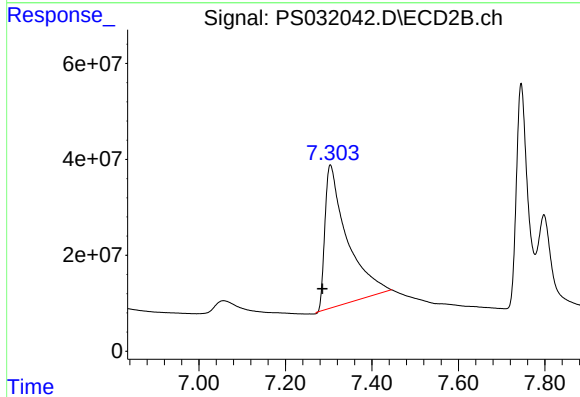
#3 4-Nitrophenol

R.T.: 7.101 min
Delta R.T.: 0.013 min
Response: 1030928589
Conc: 772.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

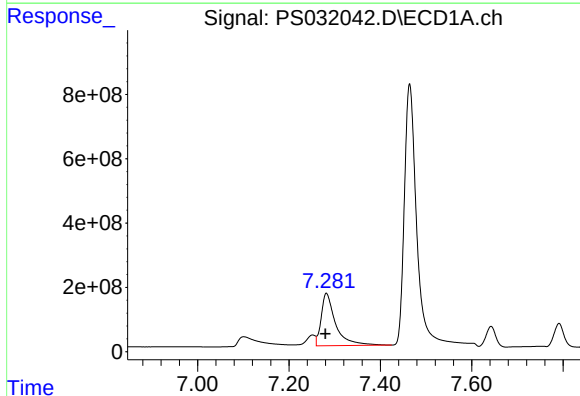
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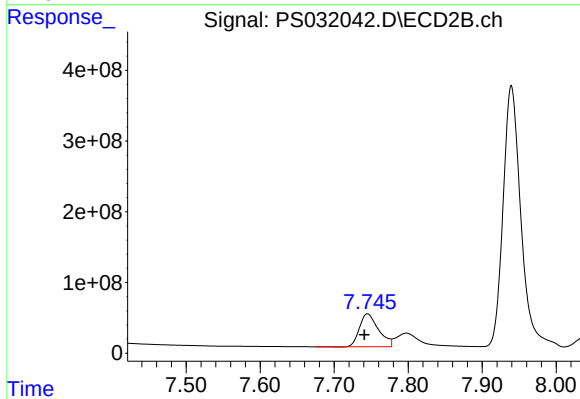
#3 4-Nitrophenol

R.T.: 7.303 min
Delta R.T.: 0.018 min
Response: 1060492957
Conc: 698.88 ng/ml m



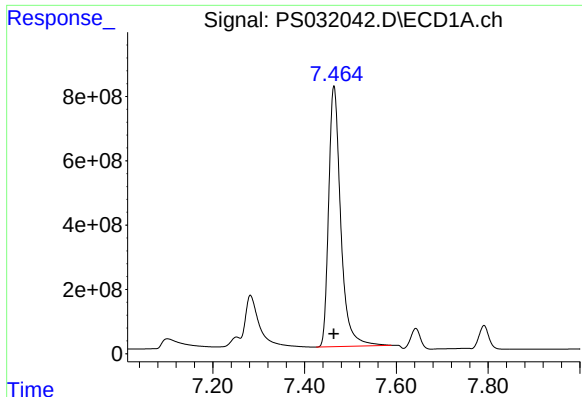
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 3577572050
Conc: 750.48 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 831122255
Conc: 755.33 ng/ml



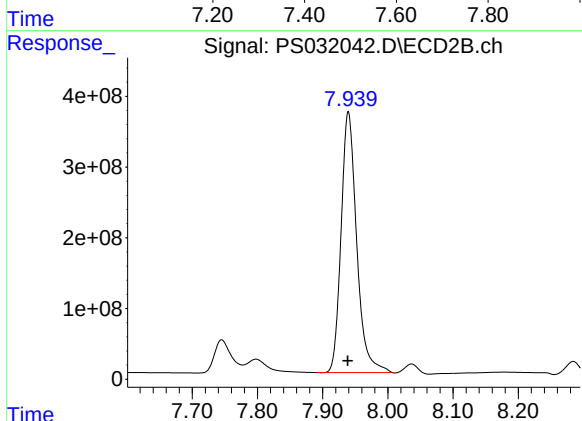
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 14796332175
Conc: 706.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

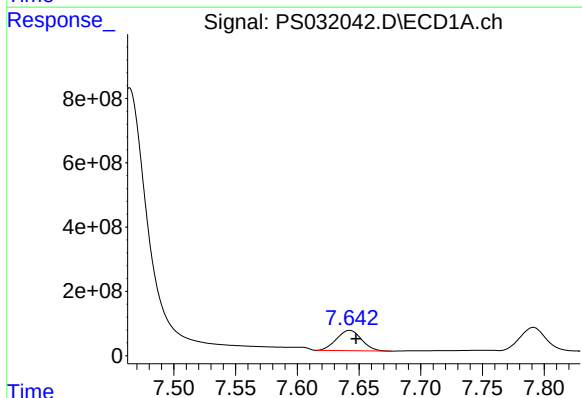
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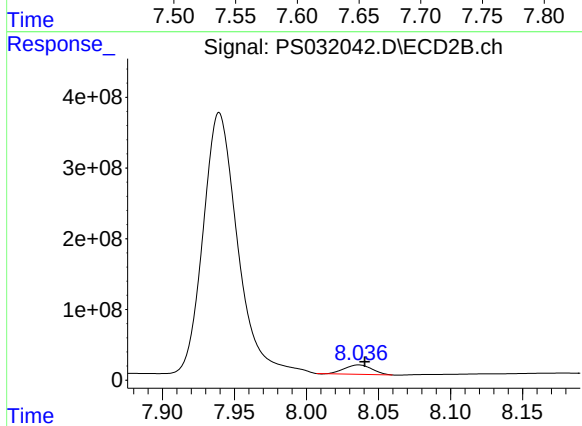
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.001 min
Response: 6129159155
Conc: 707.68 ng/ml



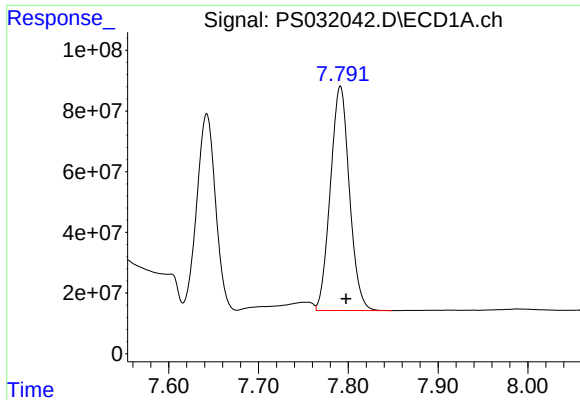
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.005 min
Response: 890696871
Conc: 72.84 ug/ml



#6 MCP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 174823355
Conc: 70.43 ug/ml



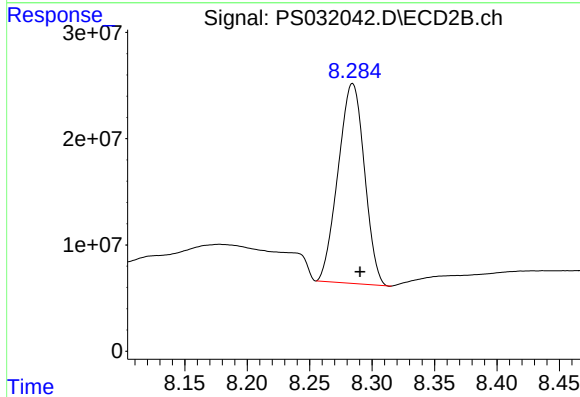
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.006 min
Response: 1089645123
Conc: 74.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

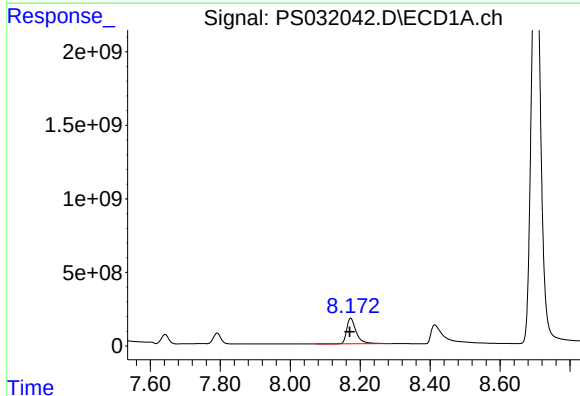
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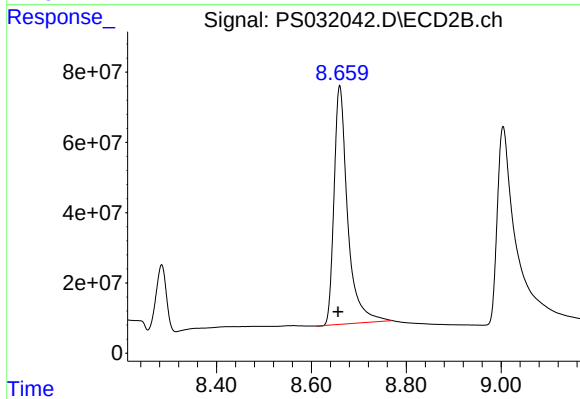
#7 MCPA

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 275991239
Conc: 73.16 ug/ml



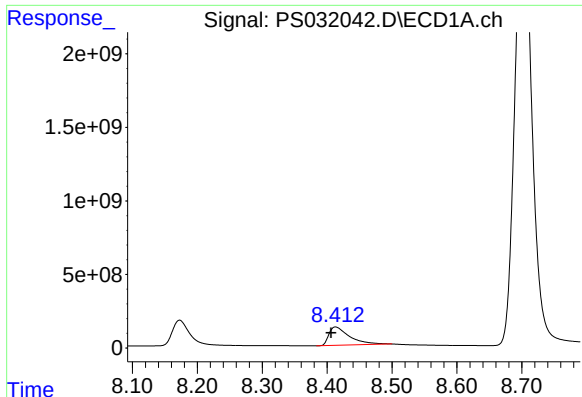
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: 0.002 min
Response: 3273663795
Conc: 688.59 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.004 min
Response: 1352834242
Conc: 690.83 ng/ml



#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.006 min
Response: 2743699223
Conc: 565.03 ng/ml

Instrument :

ECD_S

ClientSampleId :

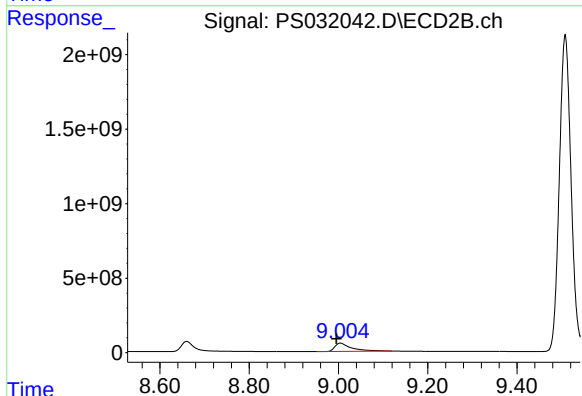
HSTDCCC750

Manual Integrations

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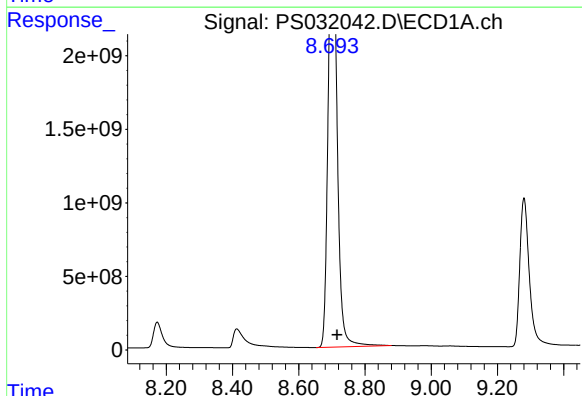
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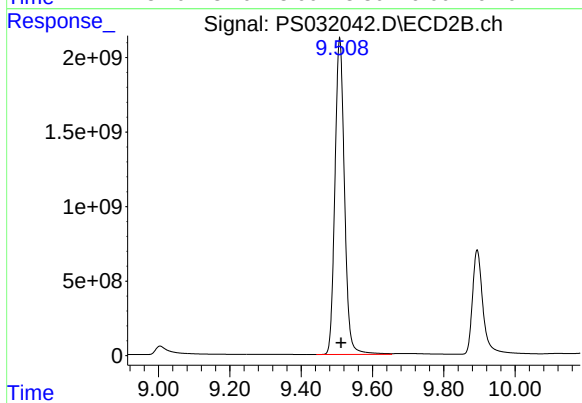
#9 2,4-D

R.T.: 9.004 min
Delta R.T.: 0.009 min
Response: 1420890043
Conc: 683.68 ng/ml



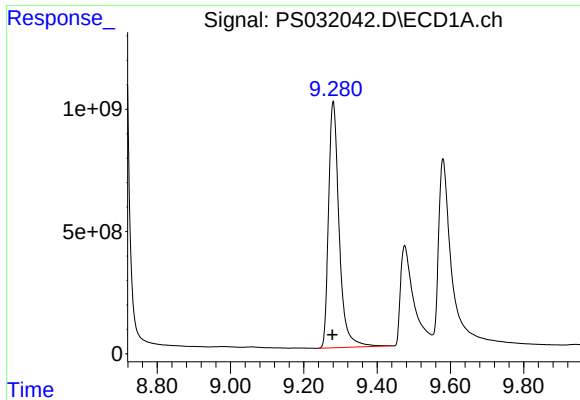
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.007 min
Response: 48798027768
Conc: 727.03 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 39464862875
Conc: 761.52 ng/ml



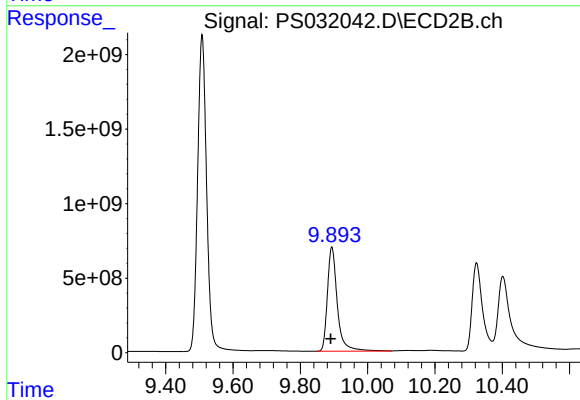
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: 0.002 min
Response: 20174527573
Conc: 714.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

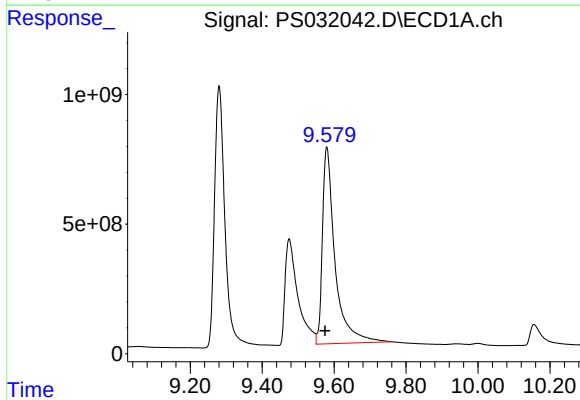
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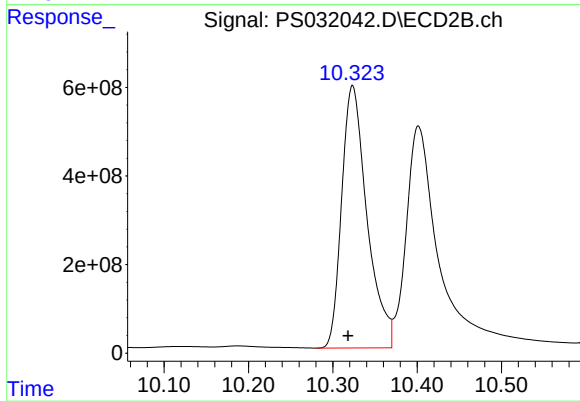
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.003 min
Response: 14329090814
Conc: 713.78 ng/ml



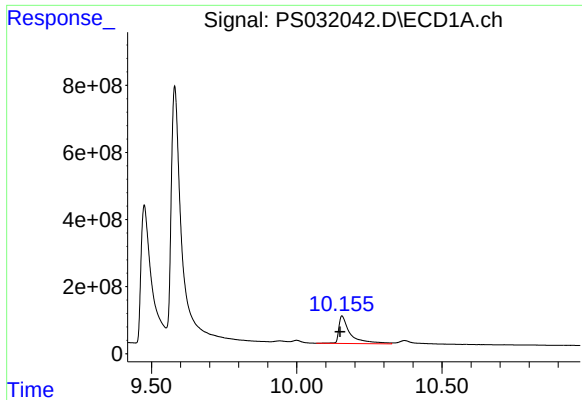
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.005 min
Response: 18499739485
Conc: 732.83 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: 0.005 min
Response: 12368965762
Conc: 721.45 ng/ml



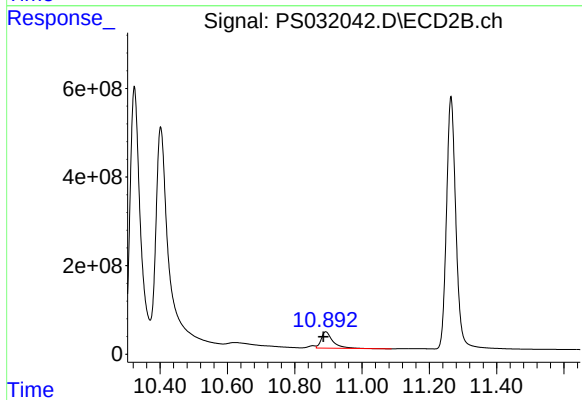
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.007 min
Response: 2276859383
Conc: 734.40 ng/ml

Instrument :
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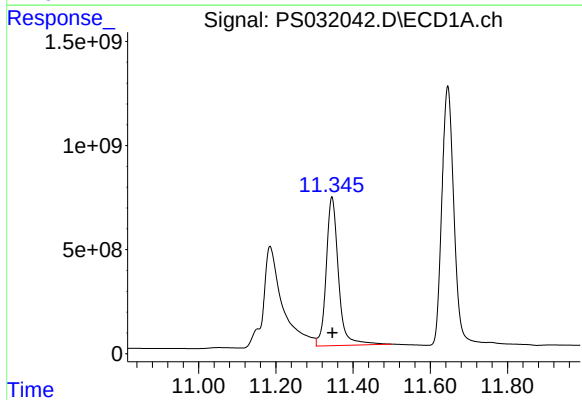
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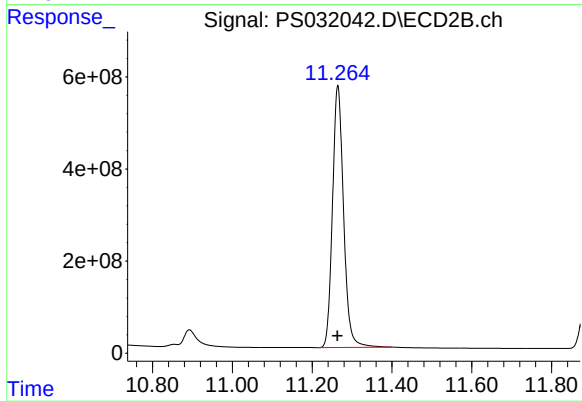
#13 2,4-DB

R.T.: 10.892 min
Delta R.T.: 0.007 min
Response: 873248160
Conc: 675.84 ng/ml



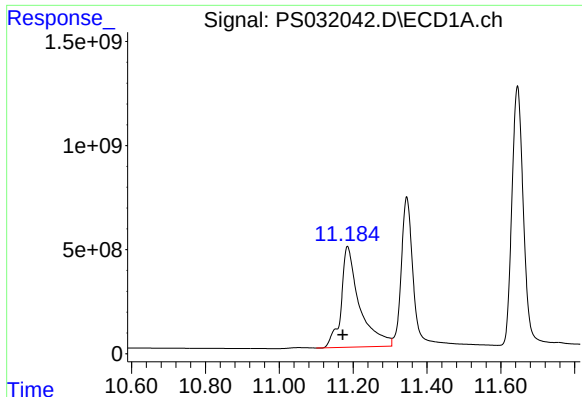
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 15732725037
Conc: 705.48 ng/ml



#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: 0.001 min
Response: 10971454325
Conc: 721.66 ng/ml



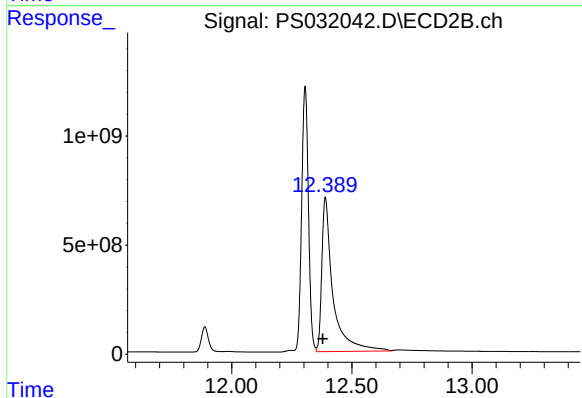
#15 Picloram

R.T.: 11.185 min
Delta R.T.: 0.013 min
Response: 16775272602
Conc: 711.48 ng/ml

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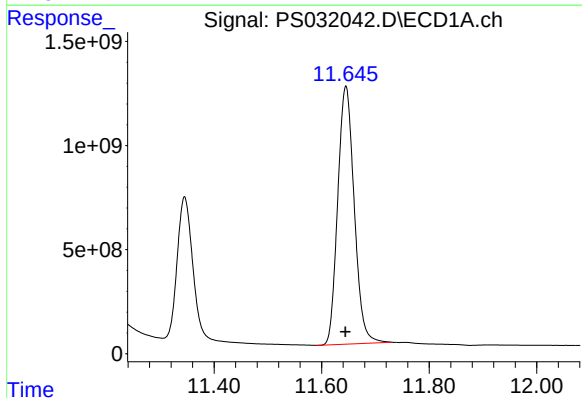
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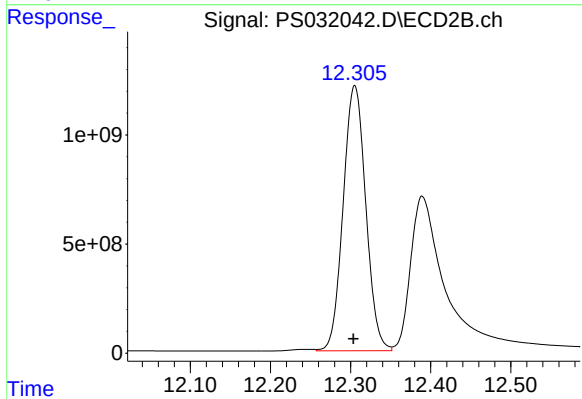
#15 Picloram

R.T.: 12.390 min
Delta R.T.: 0.011 min
Response: 22822308339
Conc: 685.52 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 26312624663
Conc: 716.18 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.001 min
Response: 23842040184
Conc: 717.88 ng/ml