

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
 Data File : PS031921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 10:52
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:03:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.740	2462.1E6	626.5E6	683.625m	689.294
Target Compounds							
1) T	Dalapon	2.666	2.689	3239.1E6	1665.2E6	560.332	590.977
2) T	3,5-DICHL...	6.448	6.693	3515.0E6	1052.9E6	659.055	690.451
3) T	4-Nitroph...	7.096	7.298	723.0E6	790.5E6	655.348	626.001m
5) T	DICAMBA	7.462	7.934	10395.2E6	4333.2E6	666.502	665.949
6) T	MCPD	7.640	8.031	640.0E6	135.9E6	71.593m	72.147m
7) T	MCPA	7.789	8.278	772.8E6	195.3E6	69.555	69.714
8) T	DICHLORPROP	8.171	8.654	2366.6E6	997.9E6	664.434	685.793
9) T	2,4-D	8.409	8.998	2473.9E6	1056.6E6	722.161	642.254
10) T	Pentachlo...	8.700	9.502	40441.4E6	29289.2E6	761.696	737.938
11) T	2,4,5-TP ...	9.278	9.887	14442.7E6	10184.4E6	688.610	676.510
12) T	2,4,5-T	9.576	10.317	12888.6E6	8792.3E6	704.363	653.363
13) T	2,4-DB	10.152	10.886	1534.6E6	622.2E6	657.835	581.466m
14) T	DINOSEB	11.344	11.259	10648.6E6	7327.3E6	738.321	753.789
15) T	Picloram	11.178	12.382	11013.9E6	14517.0E6	611.508	612.966
16) T	DCPA	11.643	12.299	19365.9E6	16856.6E6	718.589	699.326

(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

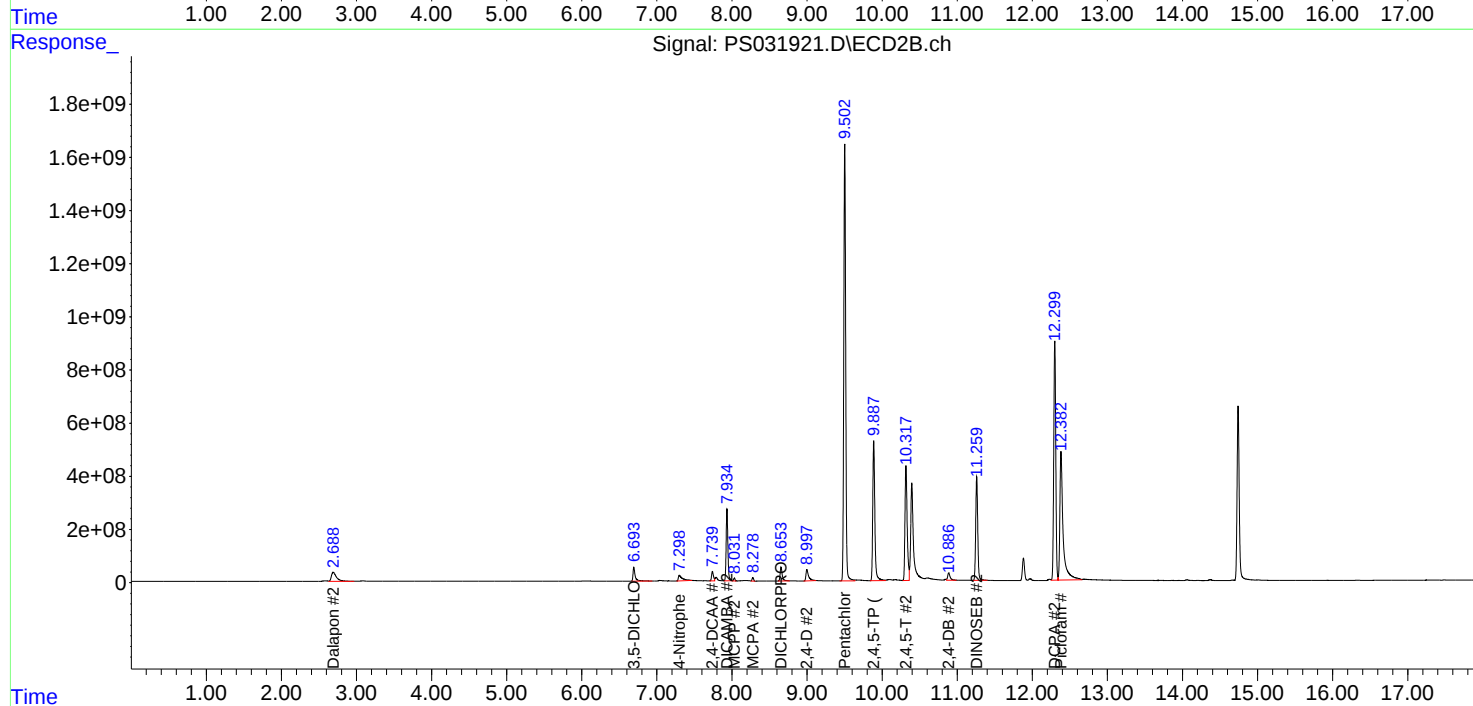
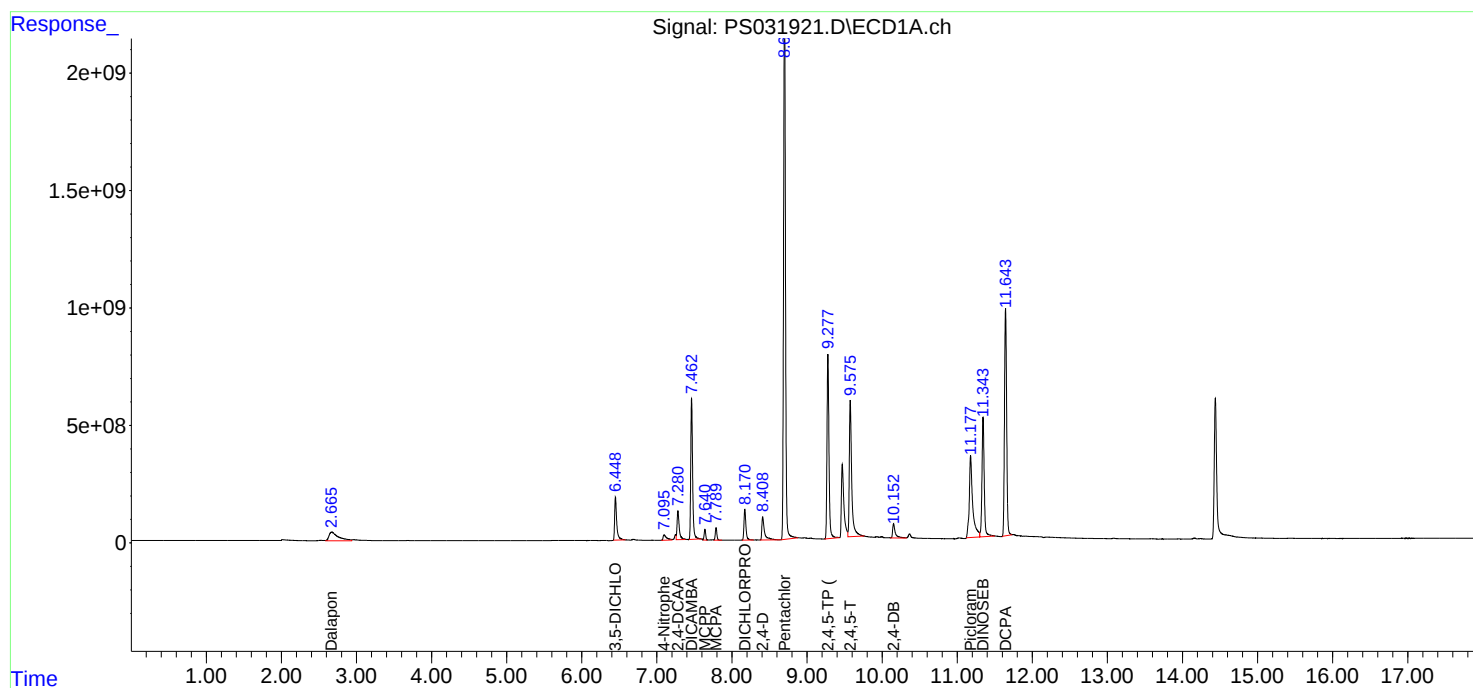
Instrument :
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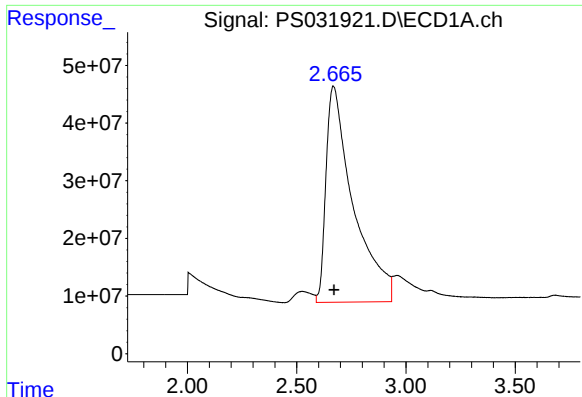
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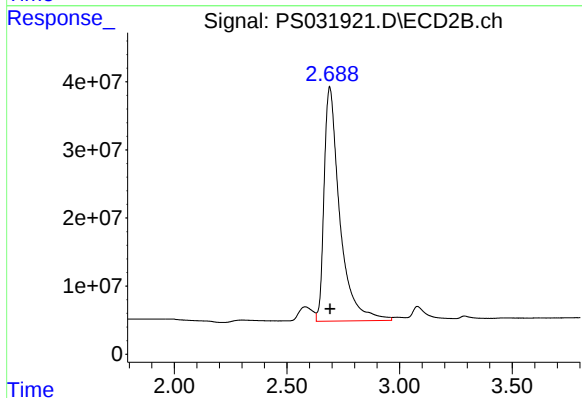
#1 Dalapon

R.T.: 2.666 min
Delta R.T.: -0.005 min
Response: 3239136417
Conc: 560.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

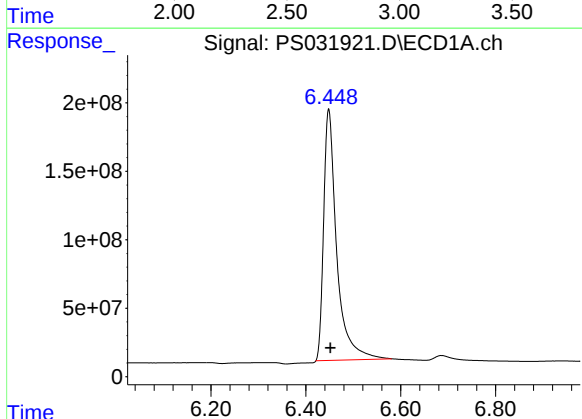
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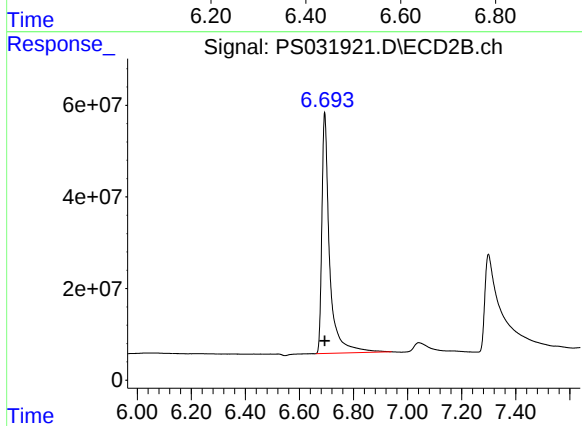
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: -0.003 min
Response: 1665151873
Conc: 590.98 ng/ml



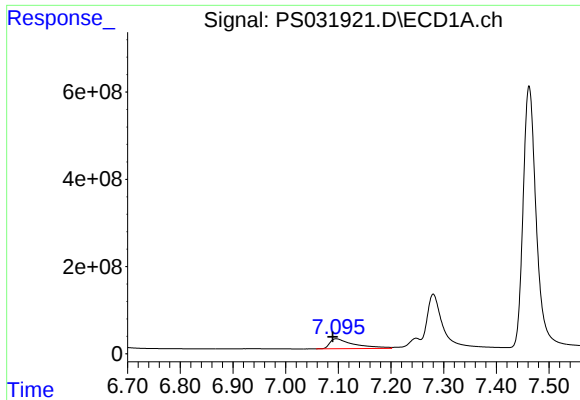
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.003 min
Response: 3514977897
Conc: 659.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 1052913160
Conc: 690.45 ng/ml



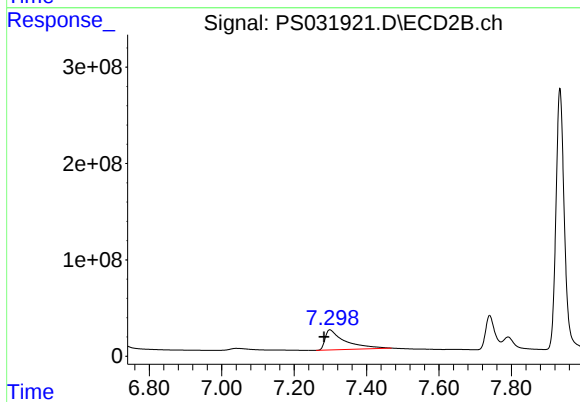
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: 0.007 min
Response: 722986249
Conc: 655.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

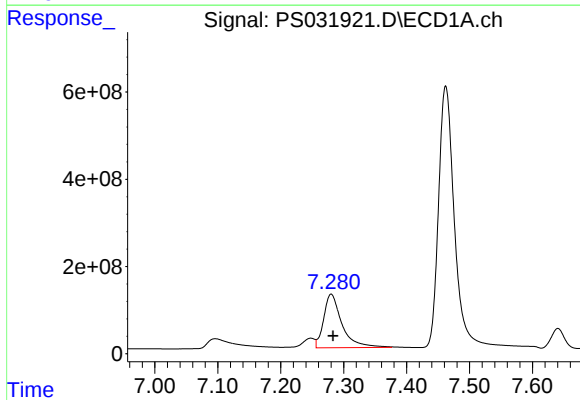
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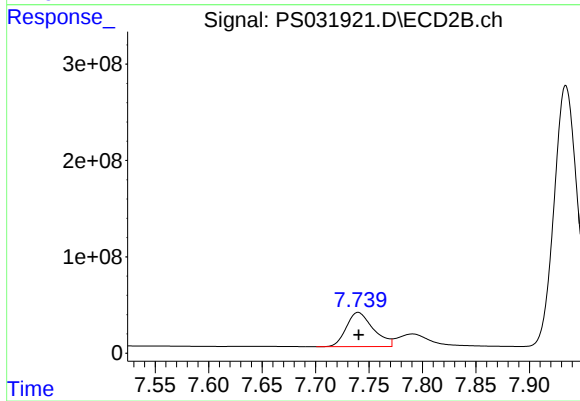
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: 0.015 min
Response: 790505662
Conc: 626.00 ng/ml m



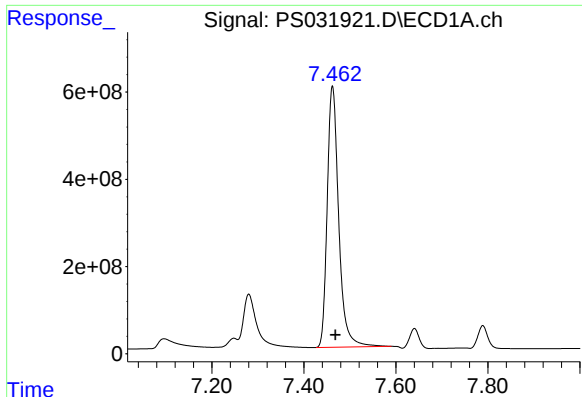
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 2462093273
Conc: 683.62 ng/ml m



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 626499253
Conc: 689.29 ng/ml



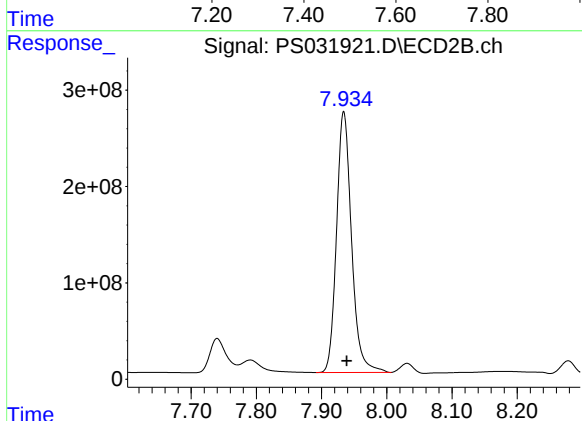
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.007 min
Response: 10395233668
Conc: 666.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

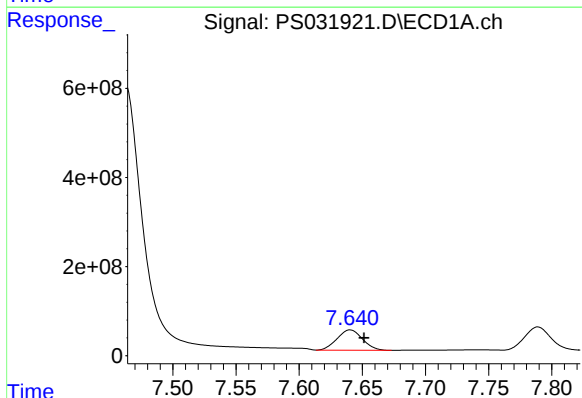
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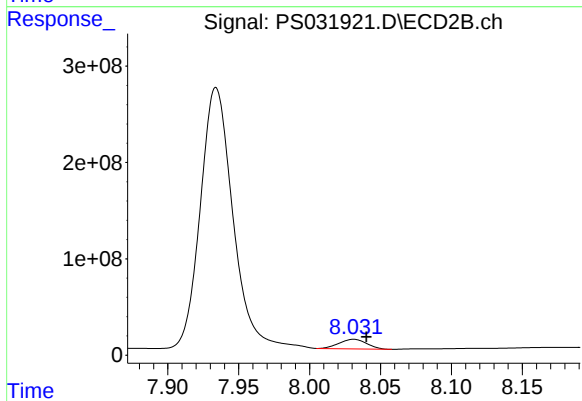
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.005 min
Response: 4333226452
Conc: 665.95 ng/ml



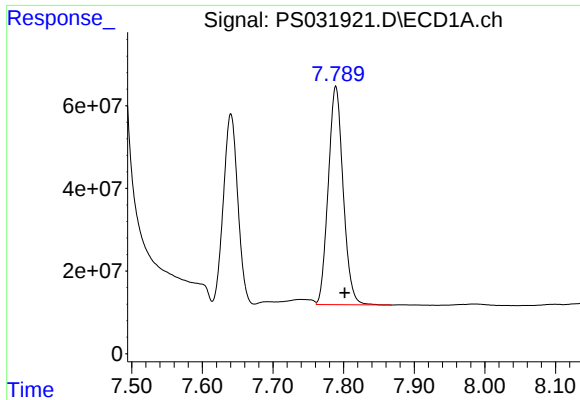
#6 MCPP

R.T.: 7.640 min
Delta R.T.: -0.012 min
Response: 639990299
Conc: 71.59 ug/ml m



#6 MCPP

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 135881949
Conc: 72.15 ug/ml m



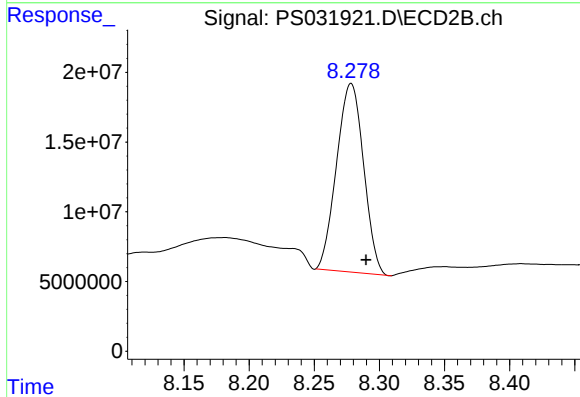
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.013 min
Response: 772784383
Conc: 69.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

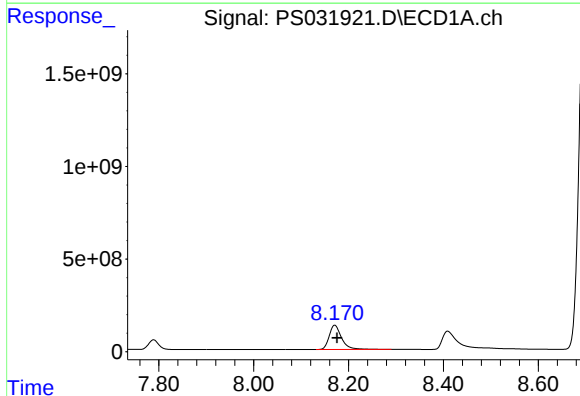
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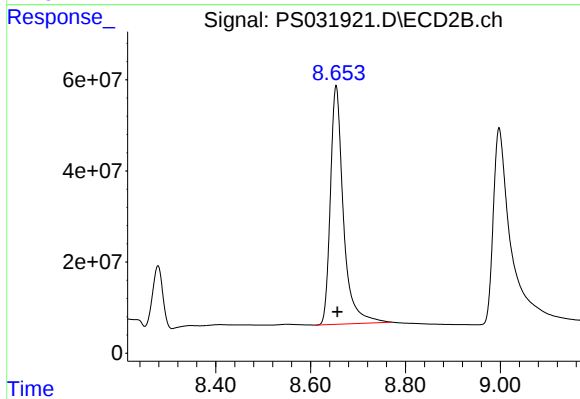
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 195283827
Conc: 69.71 ug/ml



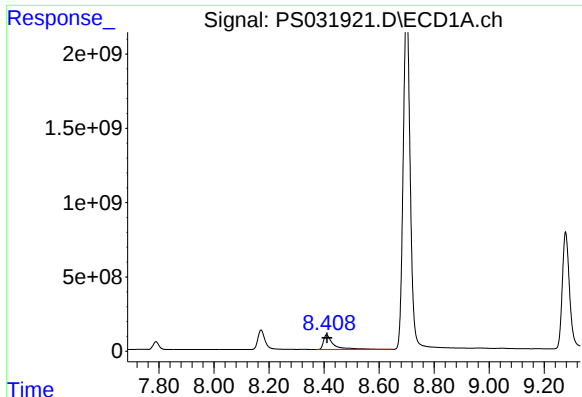
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: -0.005 min
Response: 2366555866
Conc: 664.43 ng/ml



#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 997869618
Conc: 685.79 ng/ml



#9 2,4-D

R.T.: 8.409 min
Delta R.T.: -0.002 min
Response: 2473865200
Conc: 722.16 ng/ml

Instrument :

ECD_S

ClientSampleId :

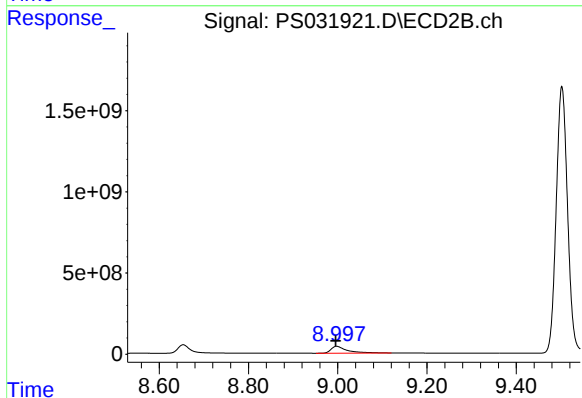
HSTDCCC750

Manual Integrations

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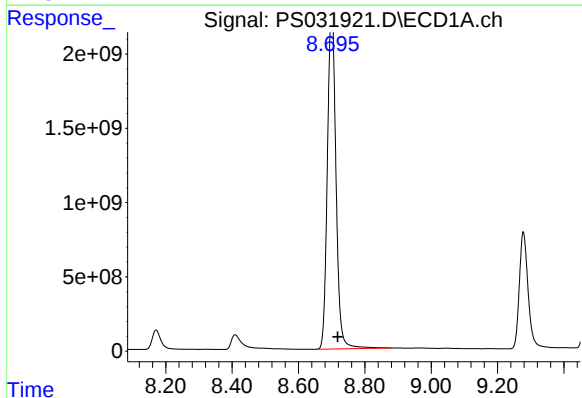
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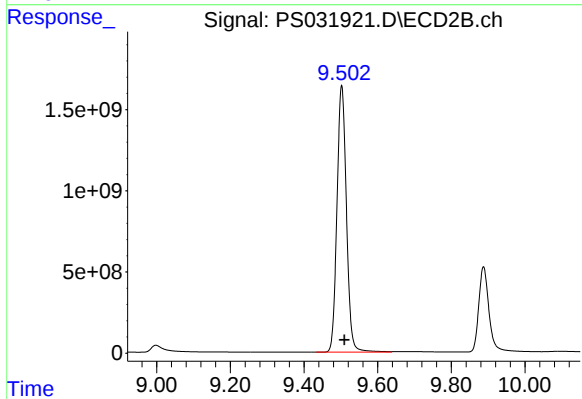
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 1056578058
Conc: 642.25 ng/ml



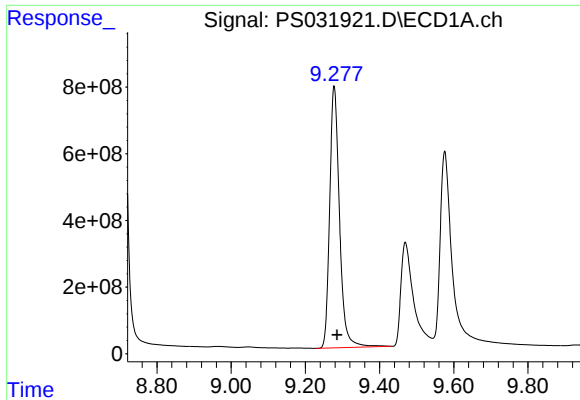
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.019 min
Response: 40441387006
Conc: 761.70 ng/ml



#10 Pentachlorophenol

R.T.: 9.502 min
Delta R.T.: -0.007 min
Response: 29289151921
Conc: 737.94 ng/ml



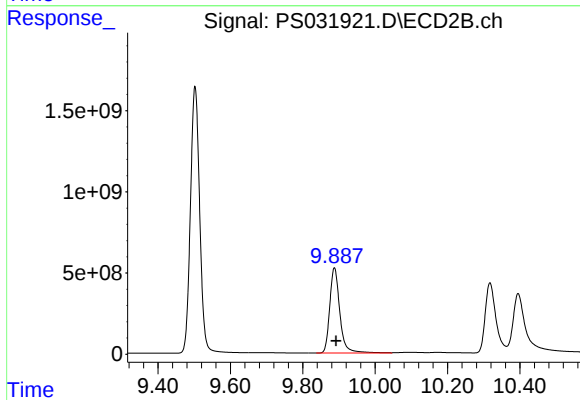
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.007 min
Response: 14442700882
Conc: 688.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

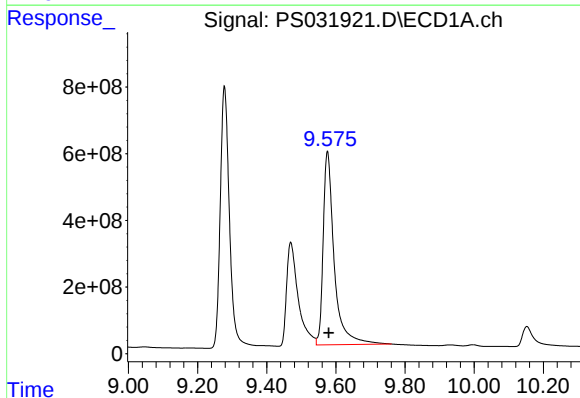
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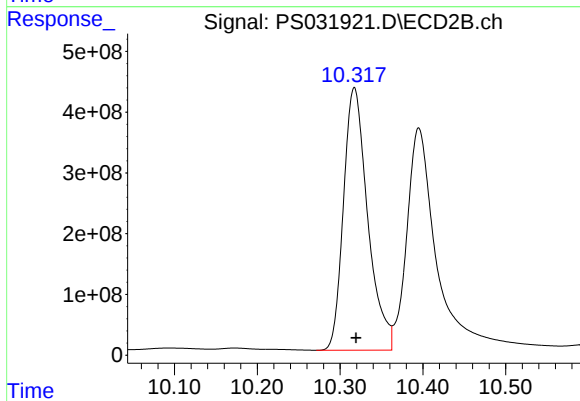
#11 2,4,5-TP (SILVEX)

R.T.: 9.887 min
Delta R.T.: -0.004 min
Response: 10184390128
Conc: 676.51 ng/ml



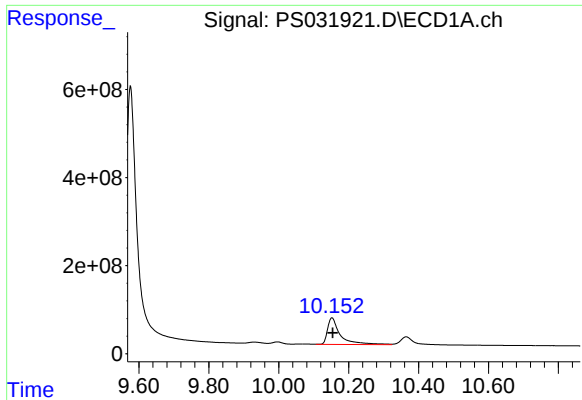
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: -0.004 min
Response: 12888559639
Conc: 704.36 ng/ml



#12 2,4,5-T

R.T.: 10.317 min
Delta R.T.: -0.002 min
Response: 8792316566
Conc: 653.36 ng/ml



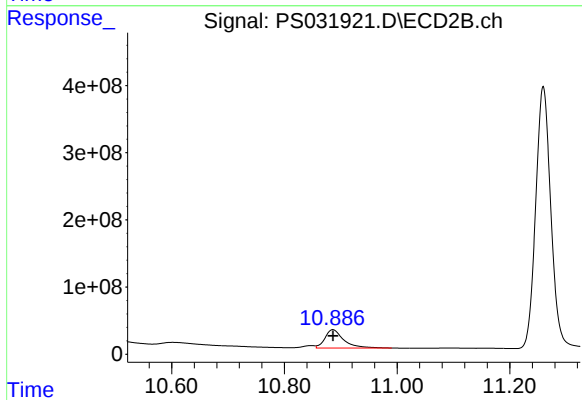
#13 2,4-DB

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 1534574792
Conc: 657.83 ng/ml

Instrument :
ECD_S
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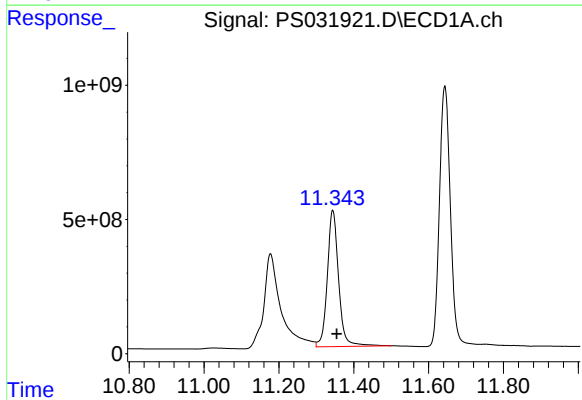
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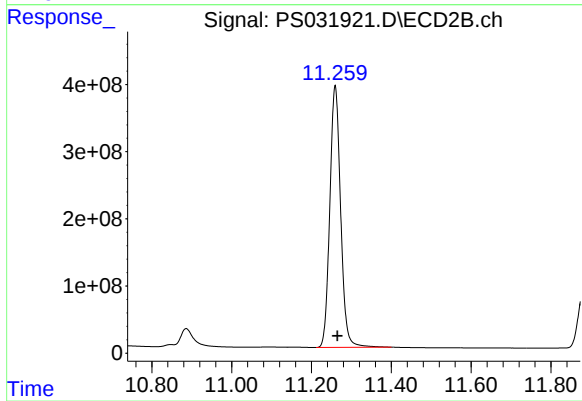
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: -0.001 min
Response: 622194668
Conc: 581.47 ng/ml m



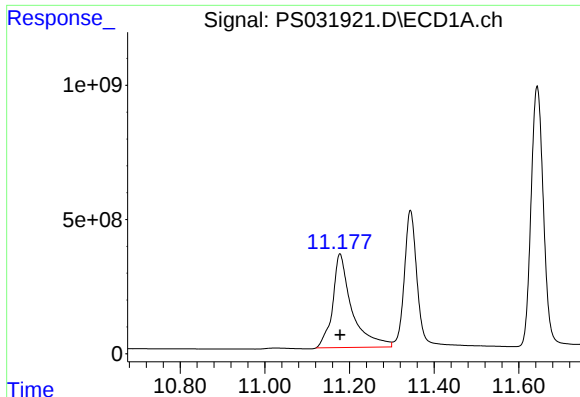
#14 DINOSEB

R.T.: 11.344 min
Delta R.T.: -0.010 min
Response: 10648573446
Conc: 738.32 ng/ml



#14 DINOSEB

R.T.: 11.259 min
Delta R.T.: -0.006 min
Response: 7327346297
Conc: 753.79 ng/ml



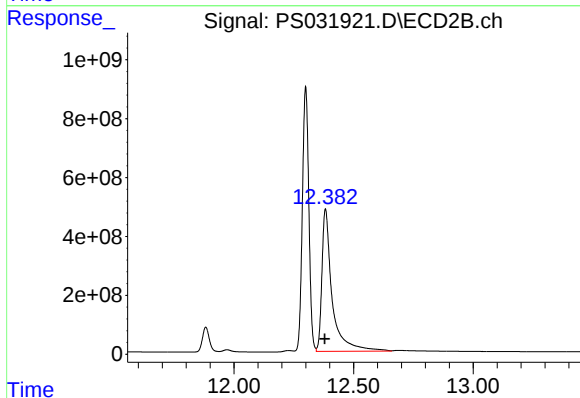
#15 Picloram

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 11013918596
Conc: 611.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

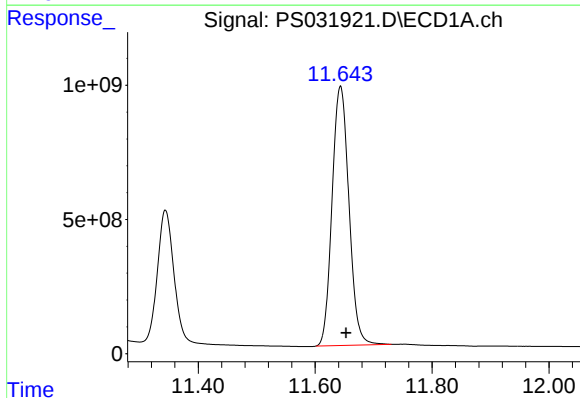
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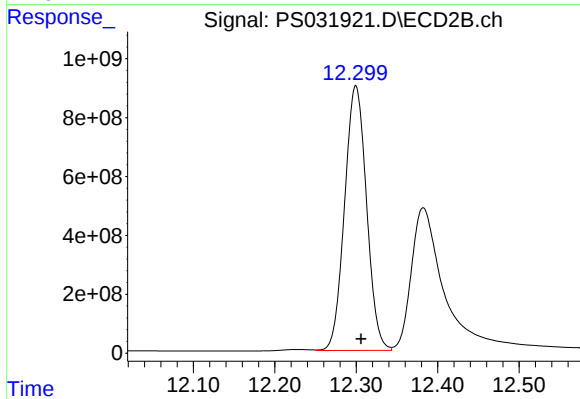
#15 Picloram

R.T.: 12.382 min
Delta R.T.: 0.003 min
Response: 14517019322
Conc: 612.97 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.009 min
Response: 19365885303
Conc: 718.59 ng/ml



#16 DCPA

R.T.: 12.299 min
Delta R.T.: -0.007 min
Response: 16856622445
Conc: 699.33 ng/ml