

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 18:46
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:32:27 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	7.281	7.741	2576.9E6	670.4E6	715.497m	737.639
Target Compounds							
1) T	Dalapon	2.667	2.691	3271.6E6	1667.2E6	565.954	591.720
2) T	3,5-DICHL...	6.450	6.695	3764.5E6	1135.4E6	705.839	744.547
3) T	4-Nitroph...	7.098	7.299	794.5E6	732.8E6	720.131	580.313
5) T	DICAMBA	7.464	7.936	11009.2E6	4638.7E6	705.870	712.895
6) T	MCPD	7.642	8.033	653.6E6	141.1E6	73.117	74.929
7) T	MCPA	7.791	8.280	834.0E6	208.8E6	75.065	74.548
8) T	DICHLORPROP	8.173	8.656	2510.9E6	1061.6E6	704.972	729.607
9) T	2,4-D	8.410	9.000	2414.9E6	1136.8E6	704.950m	691.037
10) T	Pentachlo...	8.702	9.504	41906.8E6	31185.3E6	789.297	785.711
11) T	2,4,5-TP ...	9.280	9.889	15305.9E6	10904.4E6	729.768	724.337
12) T	2,4,5-T	9.577	10.319	13852.5E6	9524.2E6	757.042	707.751
13) T	2,4-DB	10.154	10.887	1486.7E6	680.9E6	637.315m	636.299m
14) T	DINOSEB	11.346	11.261	11327.4E6	7813.7E6	785.386	803.820
15) T	Picloram	11.181	12.385	11773.8E6	15795.4E6	653.700	666.944
16) T	DCPA	11.644	12.302	20436.3E6	18235.2E6	758.309	756.517

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

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Acq On : 03 Oct 2025 18:46
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

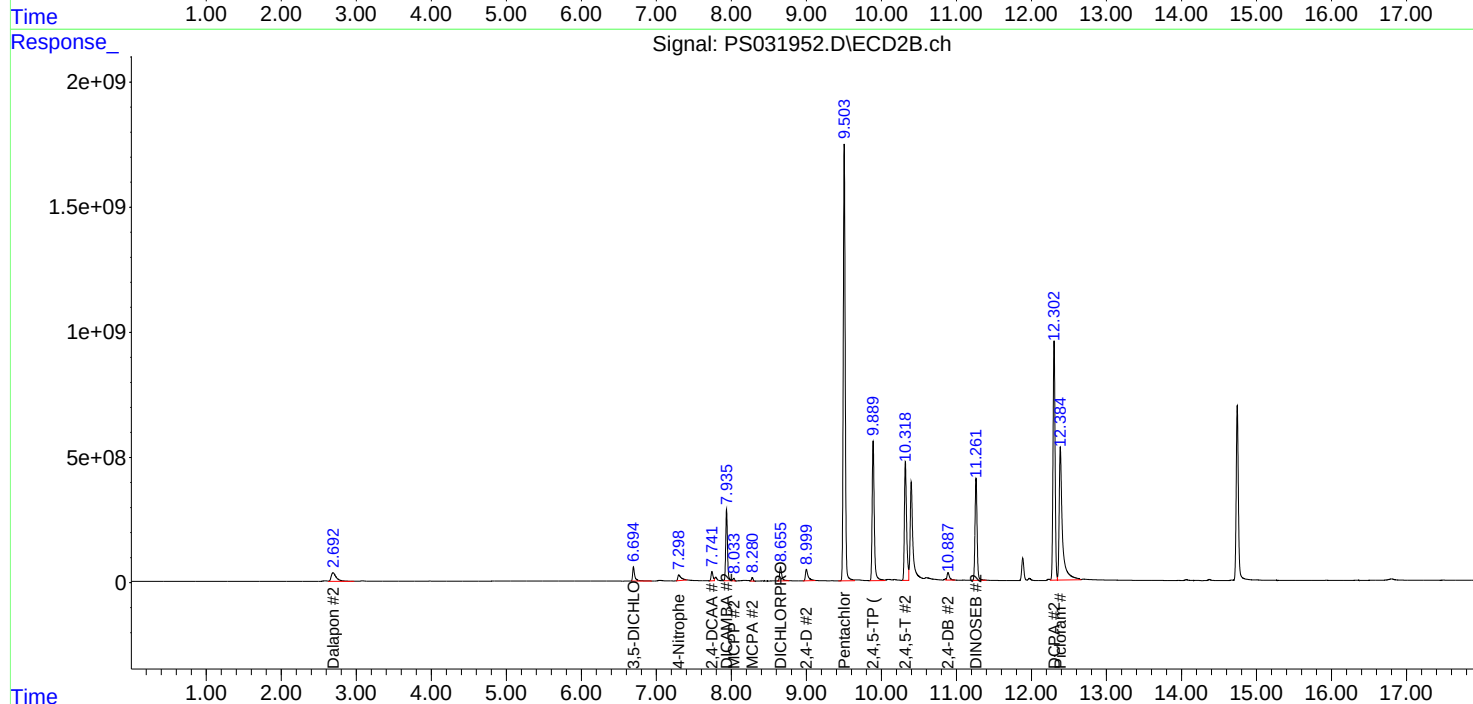
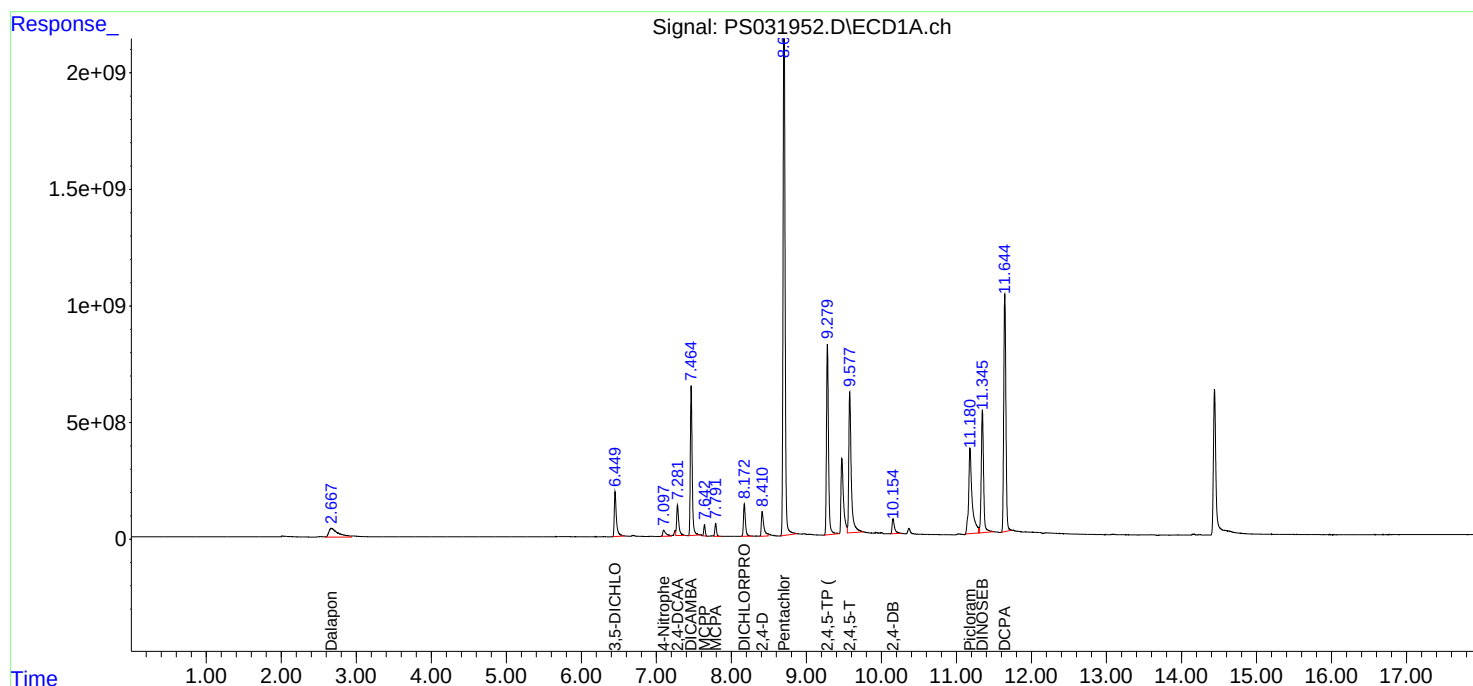
APPROVED

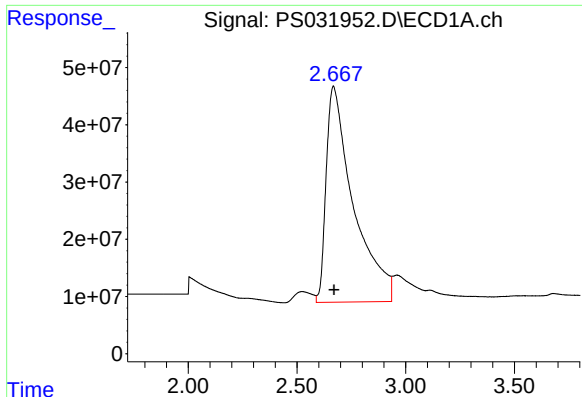
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.004 min
Response: 3271637250
Conc: 565.95 ng/ml

Instrument :

ECD_S

ClientSampleId :

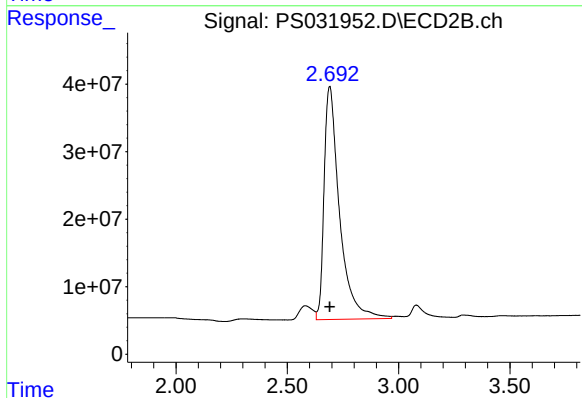
HSTDCCC750

Manual Integrations

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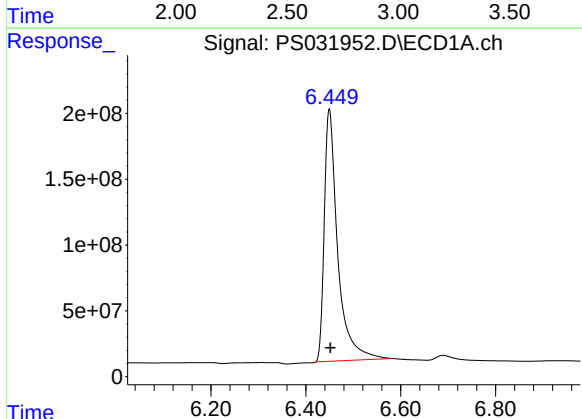
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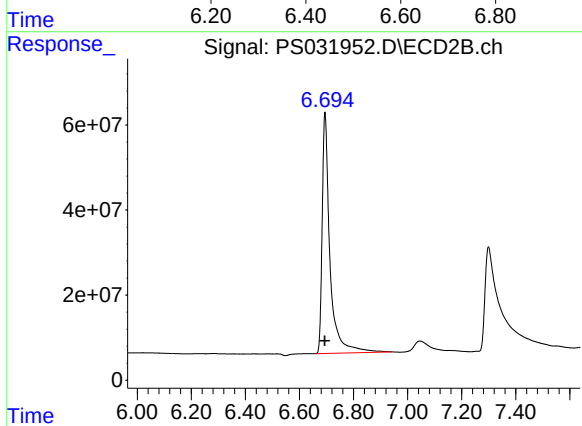
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1667246451
Conc: 591.72 ng/ml



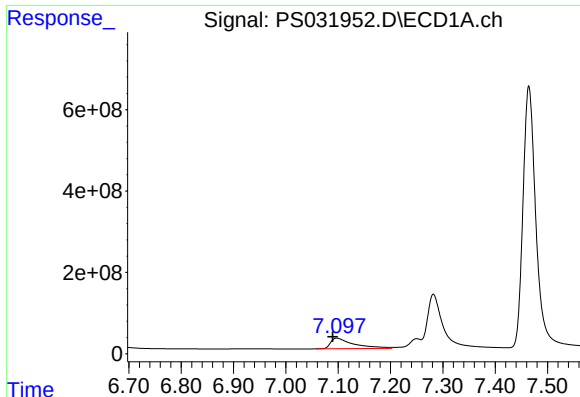
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 3764491226
Conc: 705.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 1135408011
Conc: 744.55 ng/ml



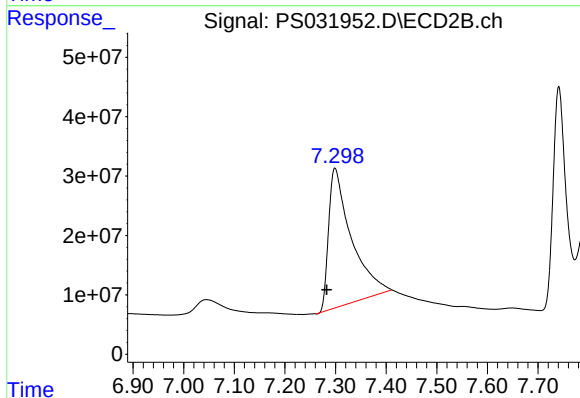
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.008 min
Response: 794455206
Conc: 720.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

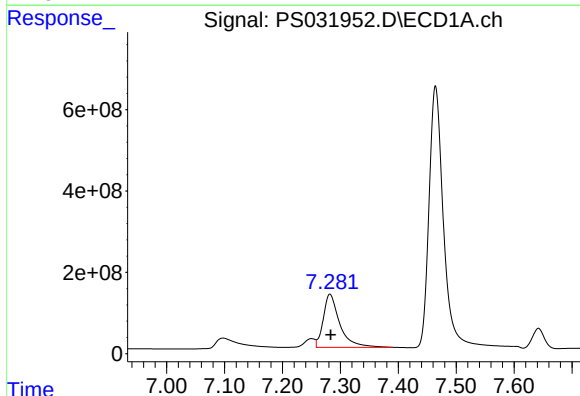
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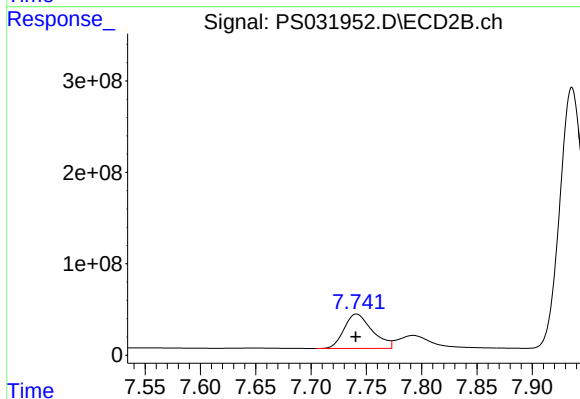
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.016 min
Response: 732810709
Conc: 580.31 ng/ml



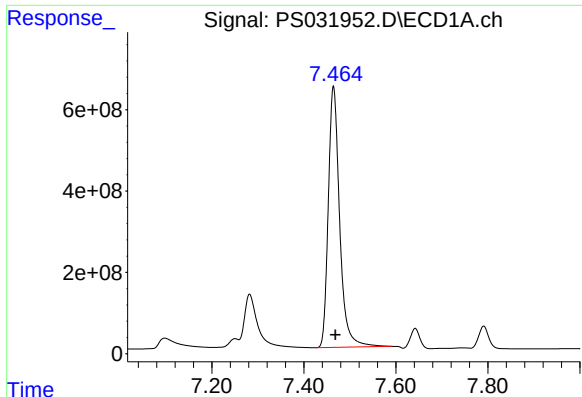
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 2576880343
Conc: 715.50 ng/ml m



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 670440058
Conc: 737.64 ng/ml



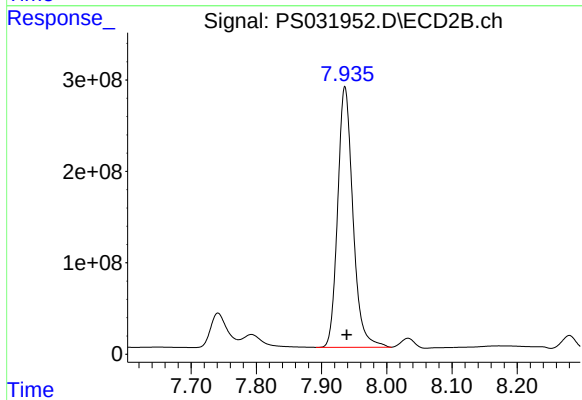
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.004 min
Response: 11009243473
Conc: 705.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

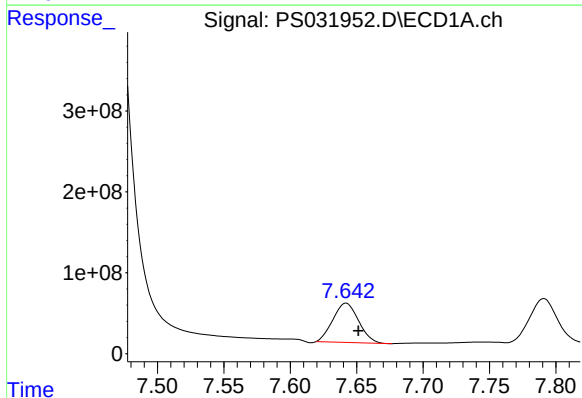
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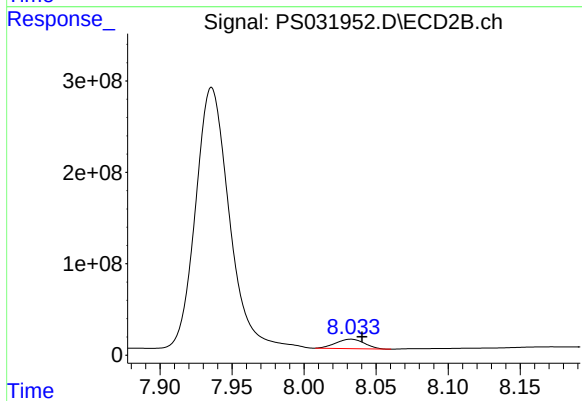
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 4638699519
Conc: 712.90 ng/ml



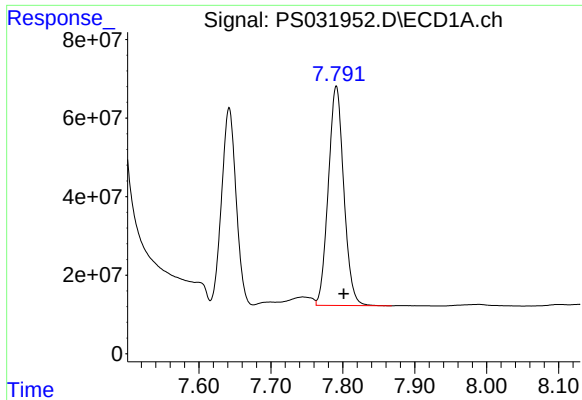
#6 MCP

R.T.: 7.642 min
Delta R.T.: -0.009 min
Response: 653607013
Conc: 73.12 ug/ml



#6 MCP

R.T.: 8.033 min
Delta R.T.: -0.008 min
Response: 141121187
Conc: 74.93 ug/ml



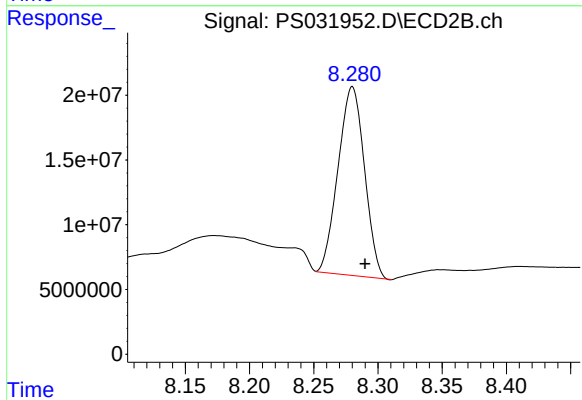
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.011 min
Response: 834009504
Conc: 75.07 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

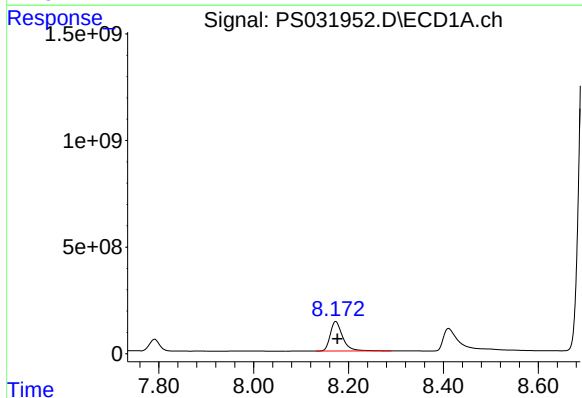
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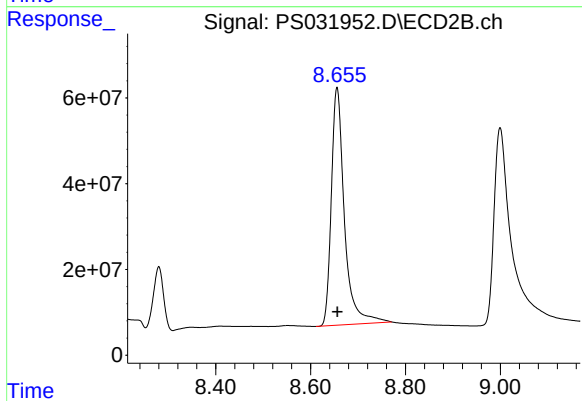
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 208823850
Conc: 74.55 ug/ml



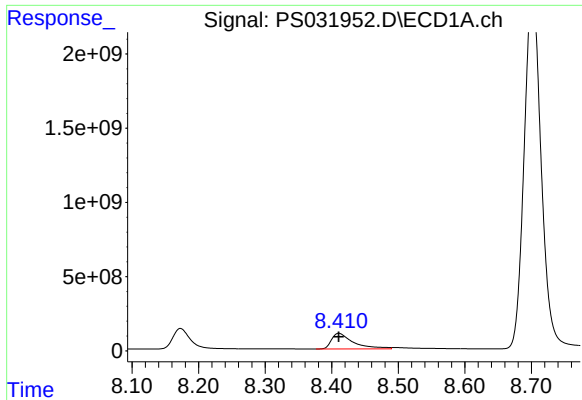
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 2510941212
Conc: 704.97 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 1061622682
Conc: 729.61 ng/ml



#9 2,4-D

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 2414907021
Conc: 704.95 ng/ml

Instrument :

ECD_S

ClientSampleId :

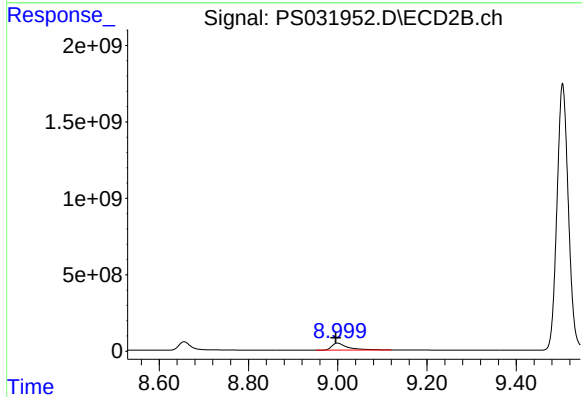
HSTDCCC750

Manual Integrations

APPROVED

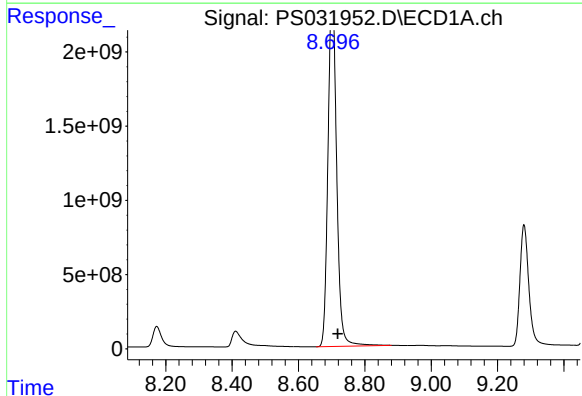
Reviewed By :Yogesh Patel 10/06/2025

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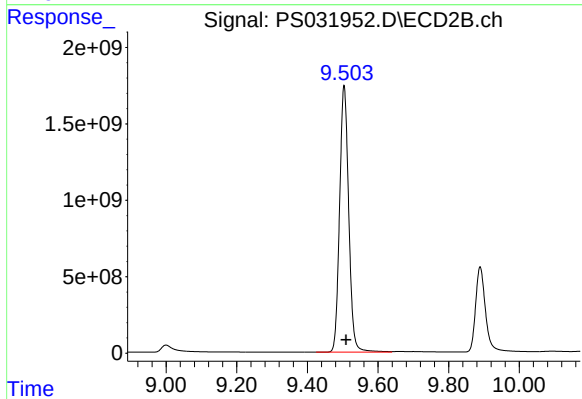
#9 2,4-D

R.T.: 9.000 min
Delta R.T.: 0.004 min
Response: 1136832867
Conc: 691.04 ng/ml



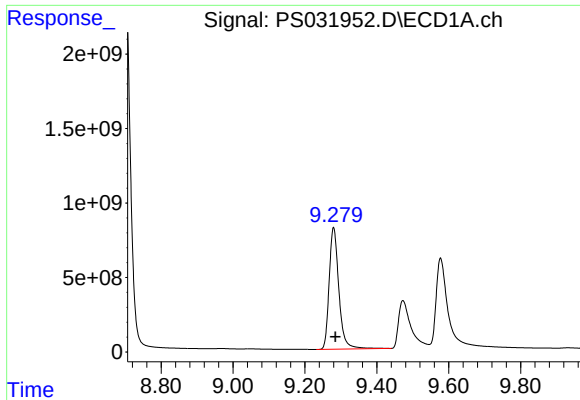
#10 Pentachlorophenol

R.T.: 8.702 min
Delta R.T.: -0.017 min
Response: 41906833576
Conc: 789.30 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 31185286076
Conc: 785.71 ng/ml



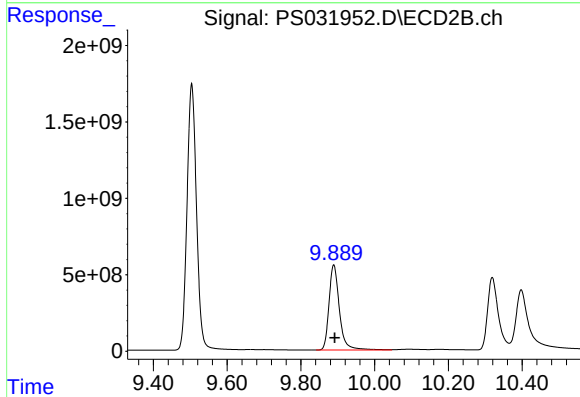
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: -0.005 min
Response: 15305933160
Conc: 729.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

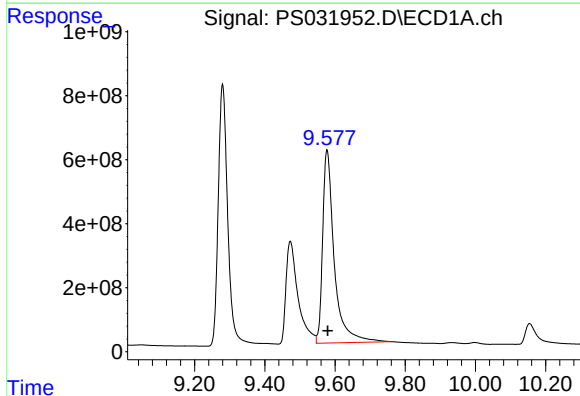
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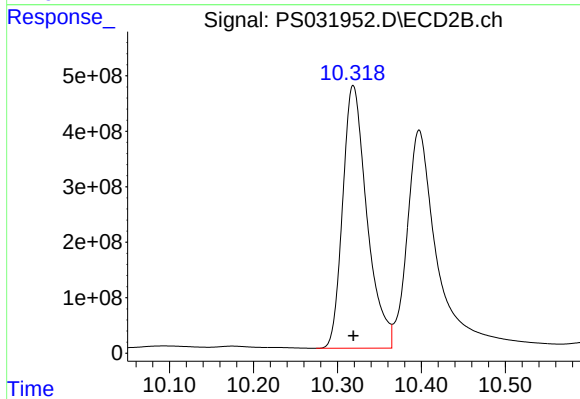
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: -0.003 min
Response: 10904398948
Conc: 724.34 ng/ml



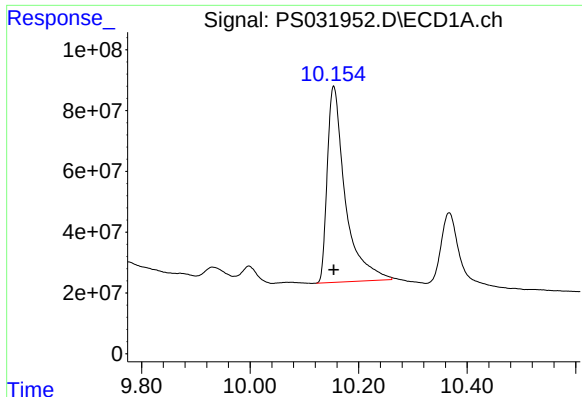
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: -0.002 min
Response: 13852489349
Conc: 757.04 ng/ml



#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 9524219438
Conc: 707.75 ng/ml



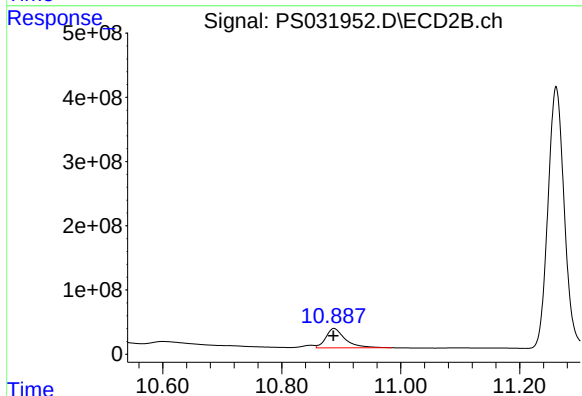
#13 2,4-DB

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 1486707658
Conc: 637.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

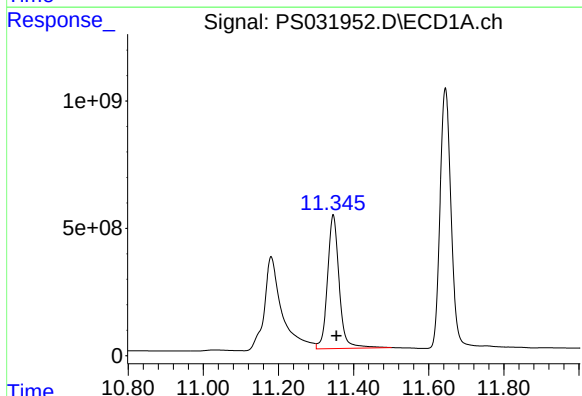
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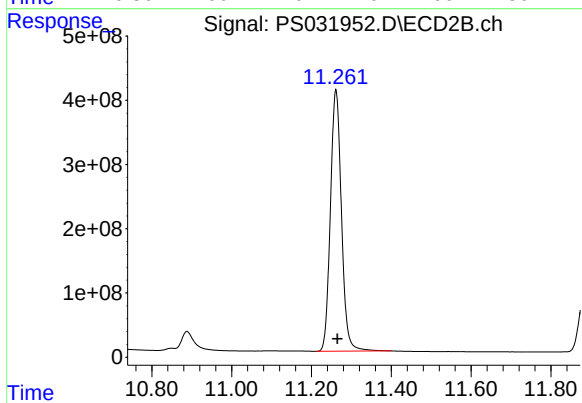
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 680868768
Conc: 636.30 ng/ml m



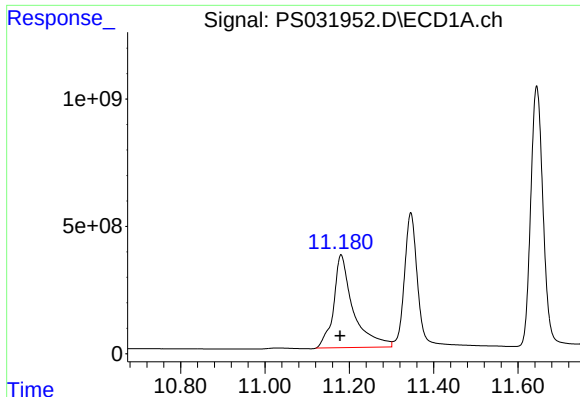
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: -0.009 min
Response: 11327378688
Conc: 785.39 ng/ml



#14 DINOSEB

R.T.: 11.261 min
Delta R.T.: -0.004 min
Response: 7813674293
Conc: 803.82 ng/ml



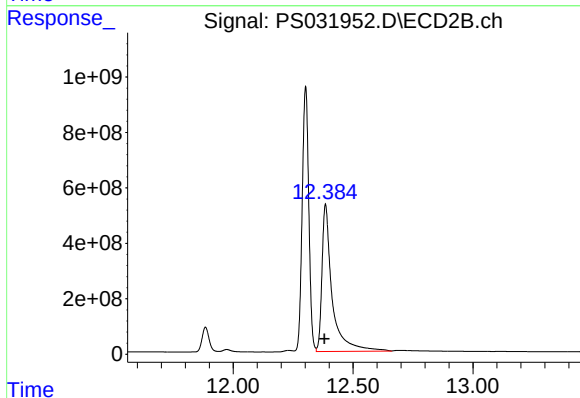
#15 Picloram

R.T.: 11.181 min
Delta R.T.: 0.003 min
Response: 11773842062
Conc: 653.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

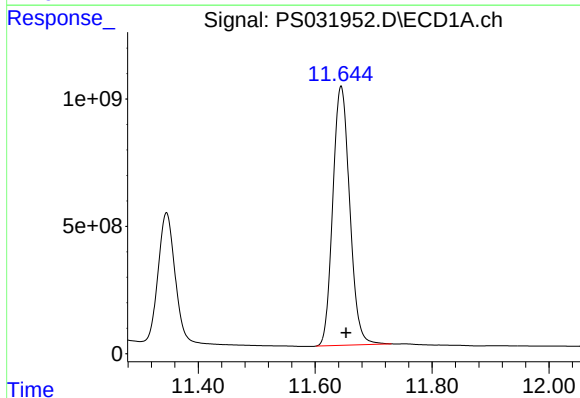
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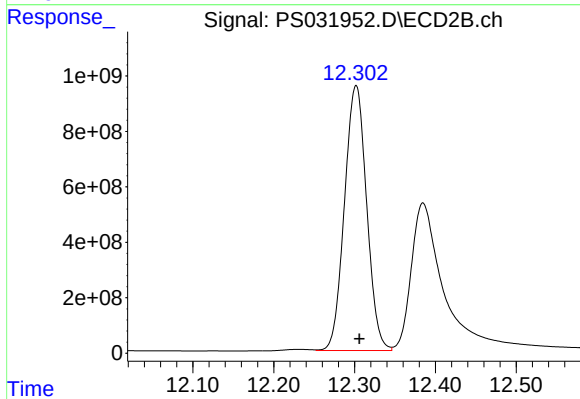
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 15795400233
Conc: 666.94 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: -0.008 min
Response: 20436330559
Conc: 758.31 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.004 min
Response: 18235172494
Conc: 756.52 ng/ml