

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
 Data File : PS031913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 13:53
 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 01 16:55:15 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	7.740	2593.2E6	640.1E6	720.028	704.241
Target Compounds							
1) T	Dalapon	2.668	2.688	3306.1E6	1667.6E6	571.923	591.837
2) T	3,5-DICHL...	6.449	6.693	3570.5E6	1055.4E6	669.473	692.054
3) T	4-Nitroph...	7.094	7.296	769.6E6	815.6E6	697.610	645.864m
5) T	DICAMBA	7.464	7.935	10525.5E6	4355.6E6	674.853	669.387
6) T	MCPD	7.643	8.032	622.0E6	131.4E6	69.583	69.765
7) T	MCPA	7.791	8.279	784.7E6	196.7E6	70.623	70.223
8) T	DICHLORPROP	8.172	8.654	2405.3E6	1008.6E6	675.310	693.190
9) T	2,4-D	8.409	8.998	2537.5E6	1087.0E6	740.724	660.736
10) T	Pentachlo...	8.704	9.504	40879.2E6	29387.5E6	769.943	740.415
11) T	2,4,5-TP ...	9.280	9.888	14596.7E6	10268.4E6	695.954	682.093
12) T	2,4,5-T	9.577	10.318	13335.4E6	9061.6E6	728.783	673.376
13) T	2,4-DB	10.154	10.885	1688.4E6	663.5E6	723.756	620.086m
14) T	DINOSEB	11.348	11.261	10500.4E6	7158.7E6	728.047	736.442
15) T	Picloram	11.179	12.382	12185.7E6	15198.7E6	676.567	641.749
16) T	DCPA	11.647	12.302	19609.5E6	17026.1E6	727.628	706.356

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100125\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

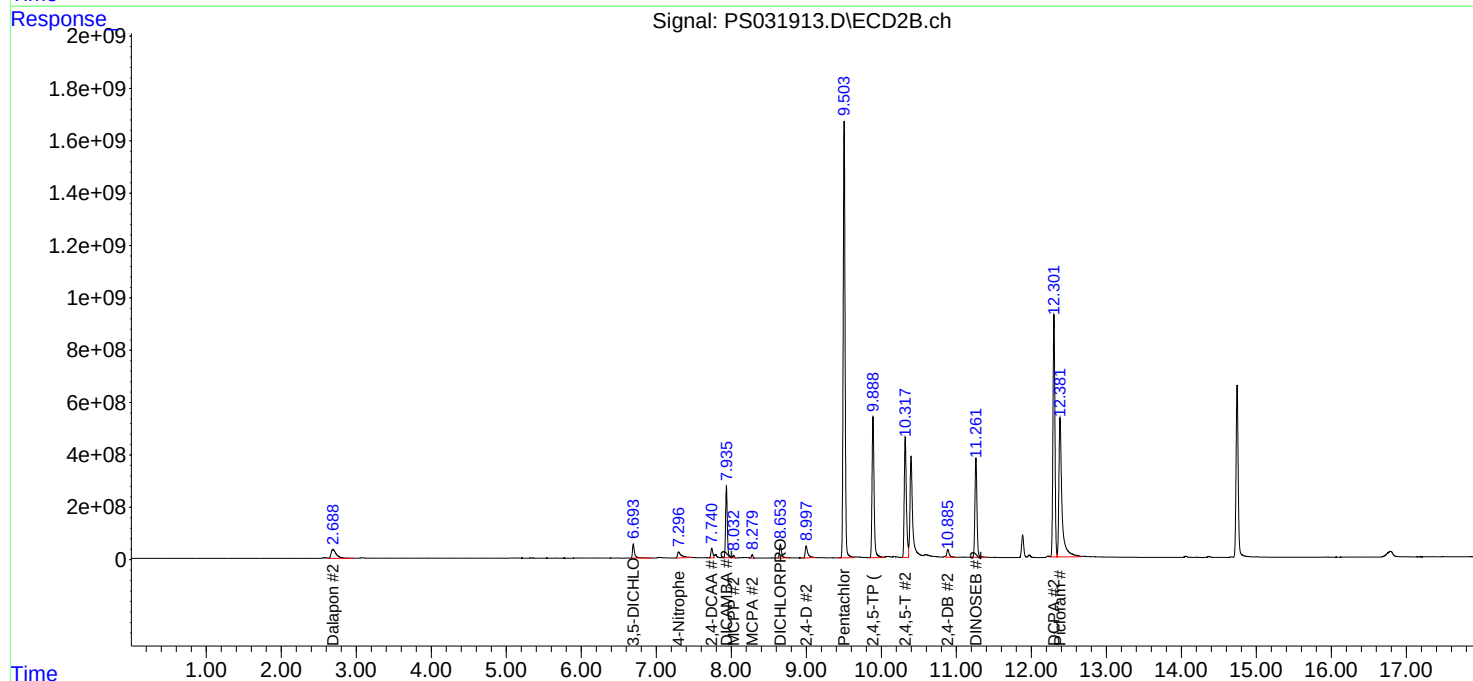
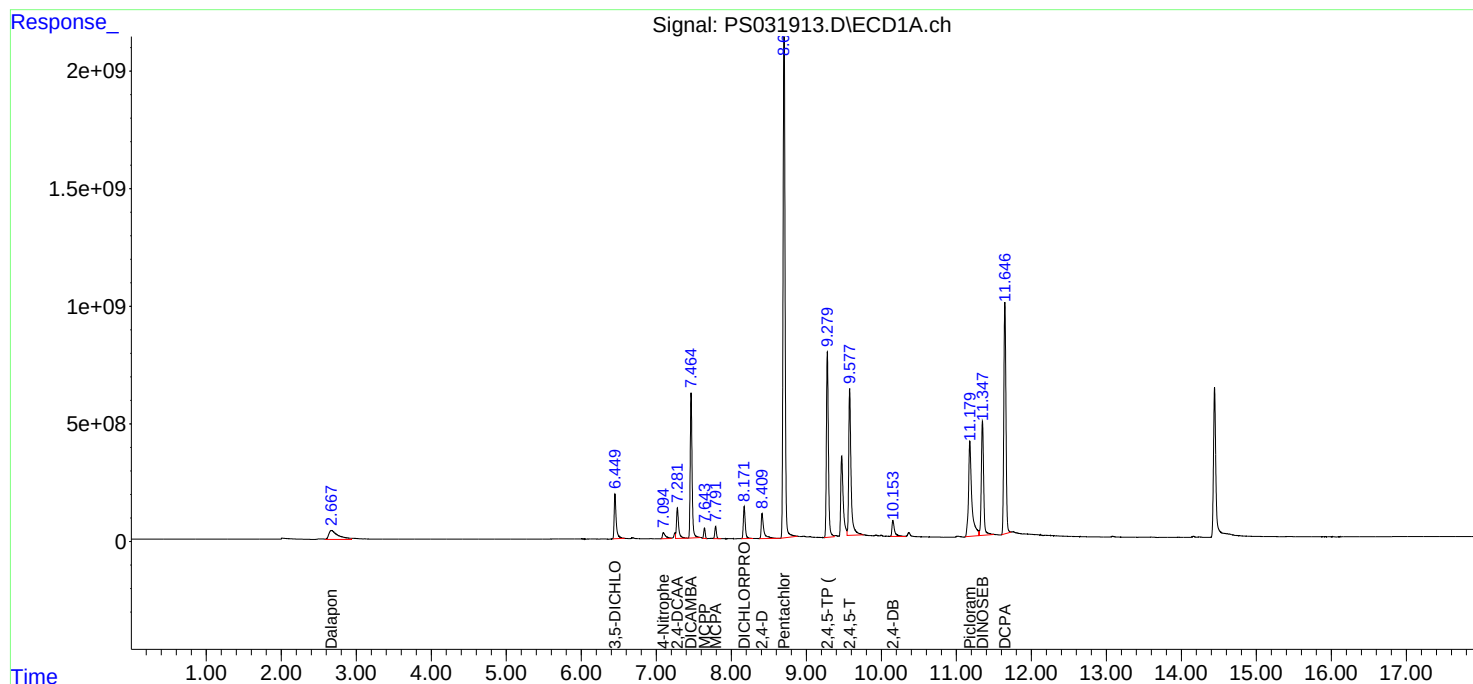
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

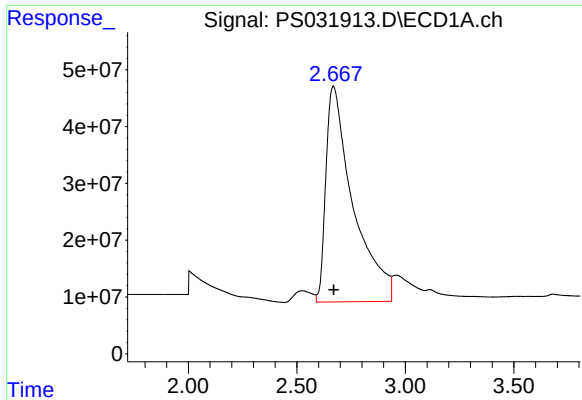
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.003 min
Response: 3306138515
Conc: 571.92 ng/ml

Instrument :

ECD_S

ClientSampleId :

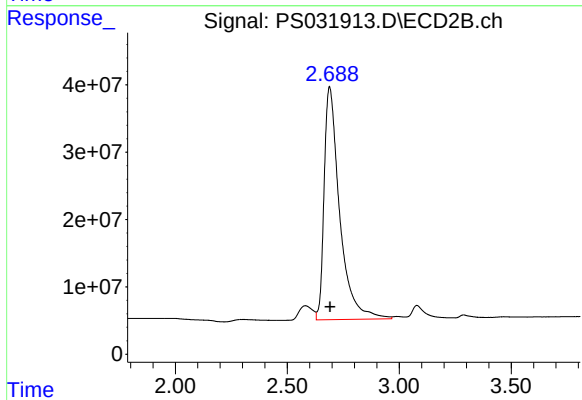
HSTDCCC750

Manual Integrations

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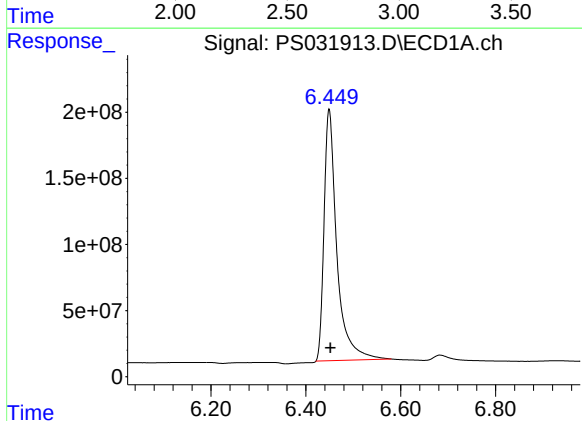
Reviewed By :Abdul Mirza 10/03/2025

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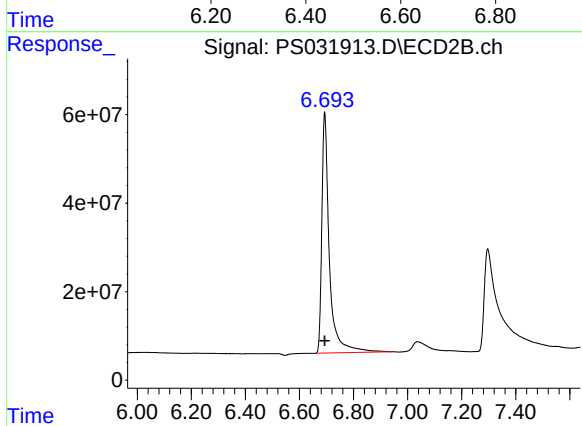
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.003 min
Response: 1667575224
Conc: 591.84 ng/ml



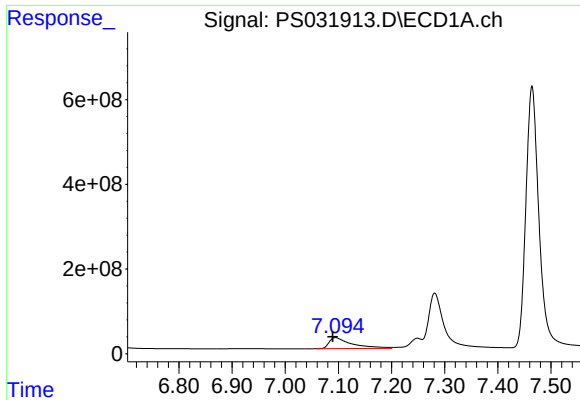
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 3570538756
Conc: 669.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 1055358342
Conc: 692.05 ng/ml



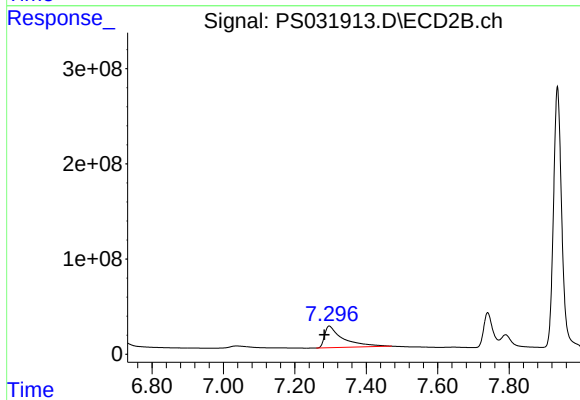
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: 0.005 min
Response: 769609996
Conc: 697.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

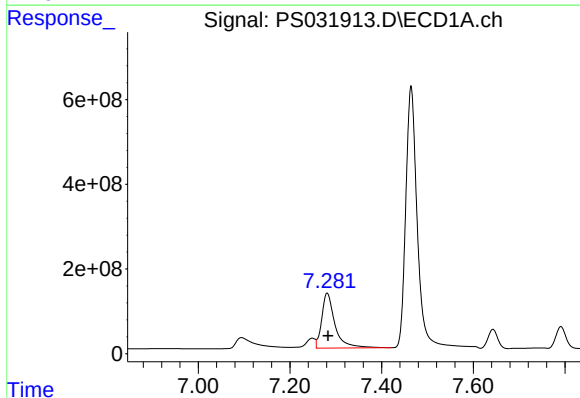
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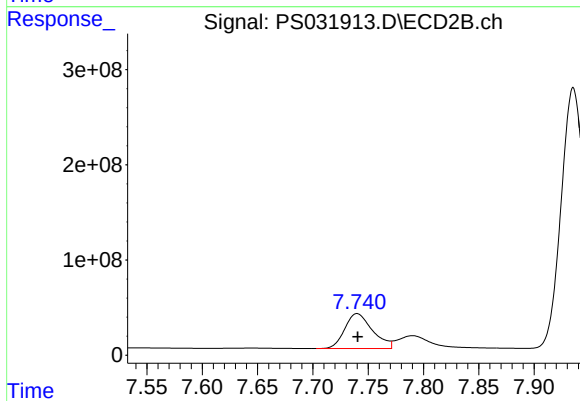
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.013 min
Response: 815587774
Conc: 645.86 ng/ml m



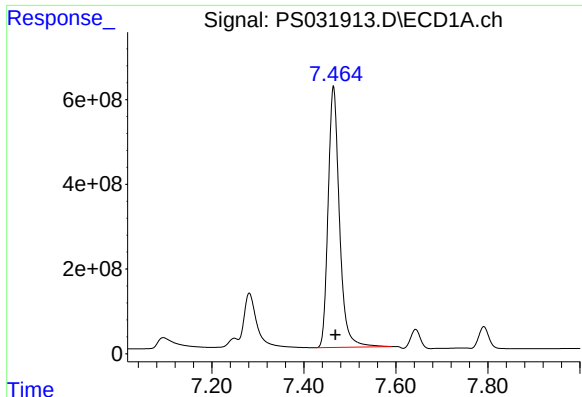
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 2593200415
Conc: 720.03 ng/ml



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 640084254
Conc: 704.24 ng/ml



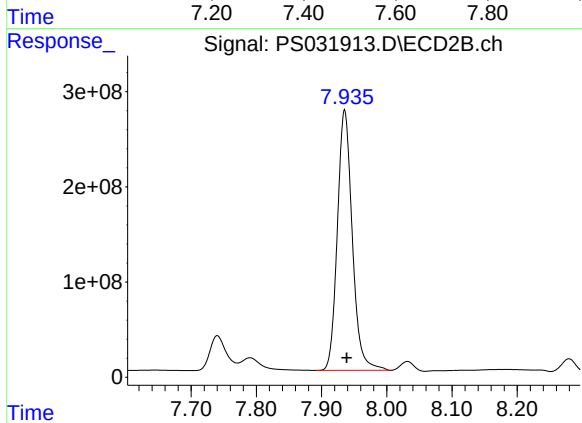
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.004 min
Response: 10525487409
Conc: 674.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

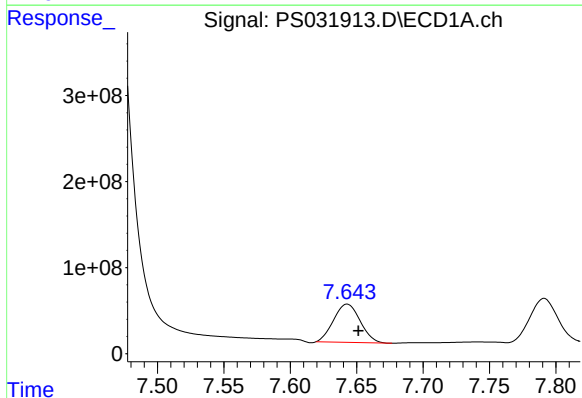
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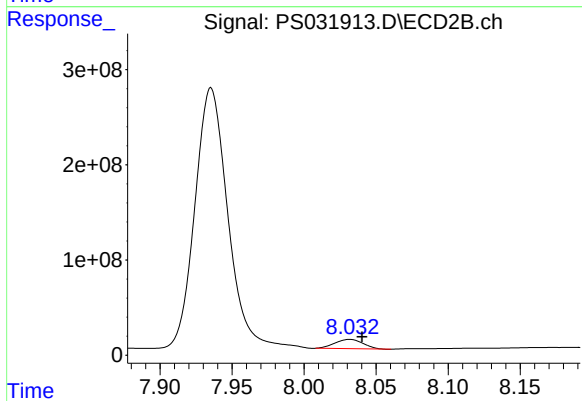
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: -0.003 min
Response: 4355596854
Conc: 669.39 ng/ml



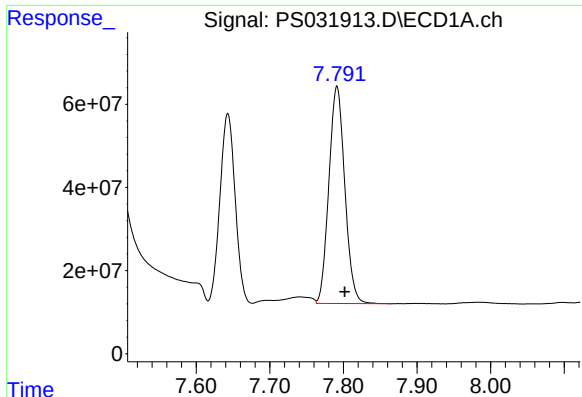
#6 MCPP

R.T.: 7.643 min
Delta R.T.: -0.009 min
Response: 622019867
Conc: 69.58 ug/ml



#6 MCPP

R.T.: 8.032 min
Delta R.T.: -0.009 min
Response: 131395133
Conc: 69.76 ug/ml



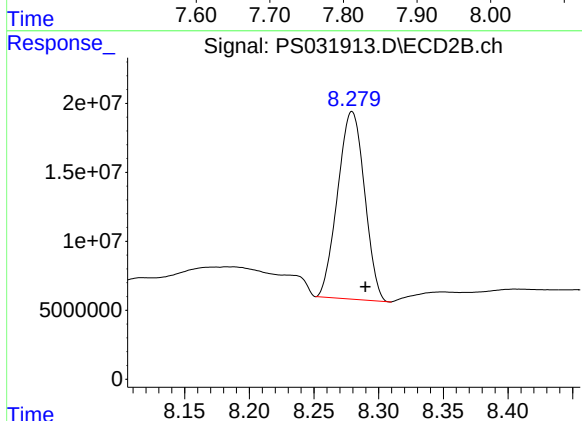
#7 MCPA

R.T.: 7.791 min
Delta R.T.: -0.010 min
Response: 784652002
Conc: 70.62 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

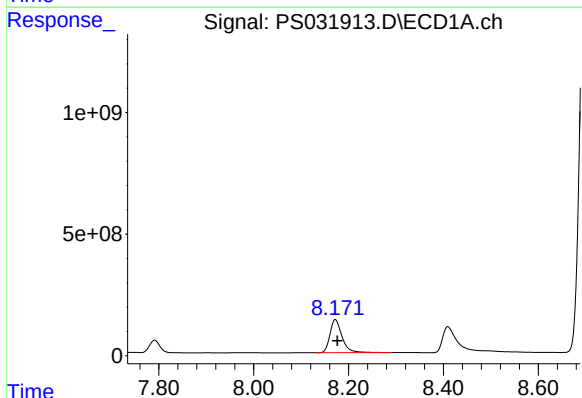
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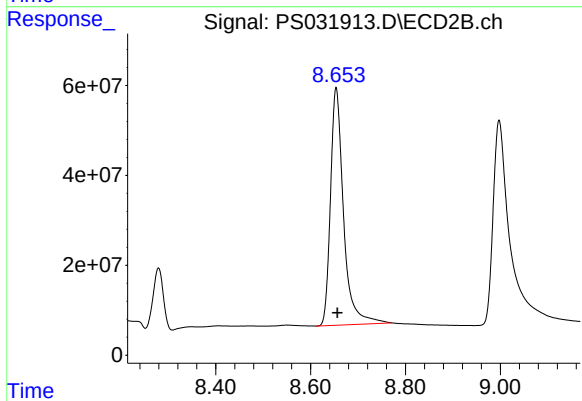
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 196709192
Conc: 70.22 ug/ml



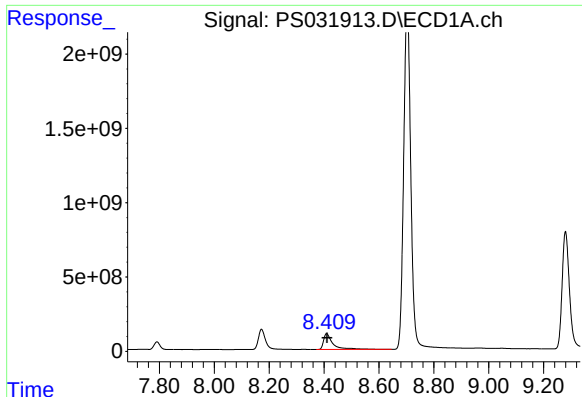
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: -0.004 min
Response: 2405293287
Conc: 675.31 ng/ml



#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 1008633544
Conc: 693.19 ng/ml



#9 2,4-D

R.T.: 8.409 min
Delta R.T.: -0.001 min
Response: 2537455655
Conc: 740.72 ng/ml

Instrument :

ECD_S

ClientSampleId :

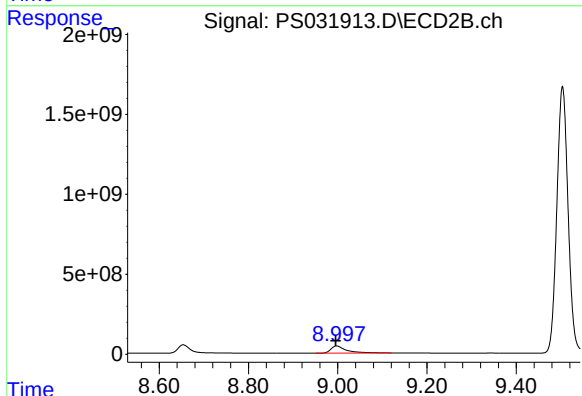
HSTDCCC750

Manual Integrations

APPROVED

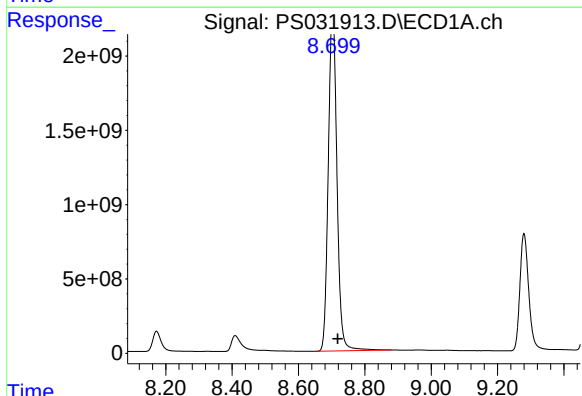
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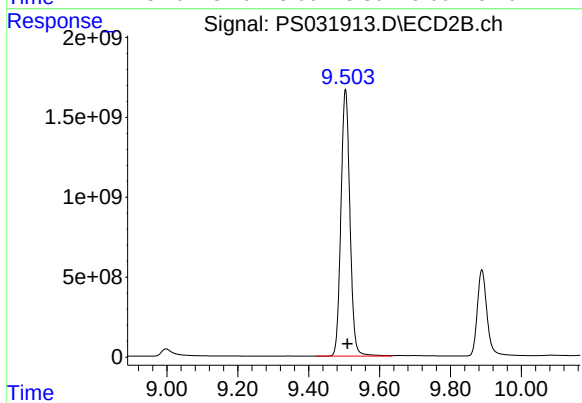
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 1086984423
Conc: 660.74 ng/ml



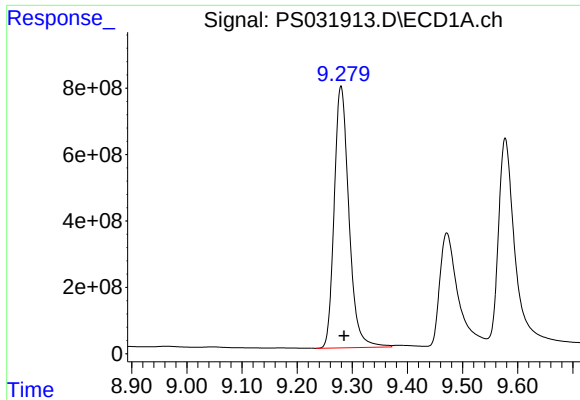
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.015 min
Response: 40879248338
Conc: 769.94 ng/ml



#10 Pentachlorophenol

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 29387455641
Conc: 740.41 ng/ml



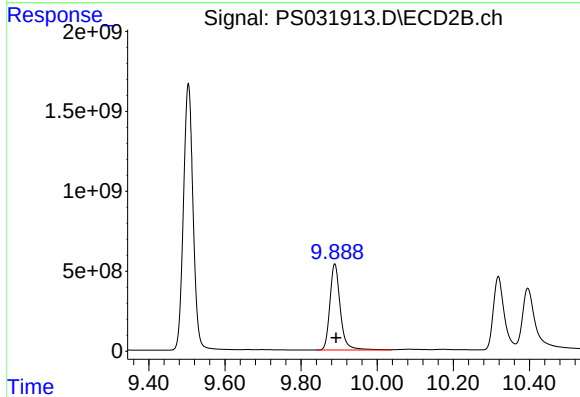
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: -0.006 min
Response: 14596713462
Conc: 695.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

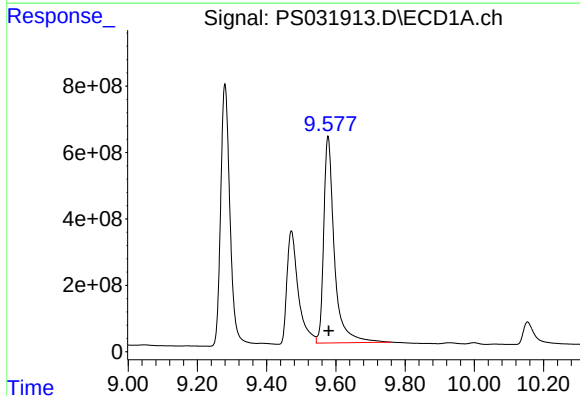
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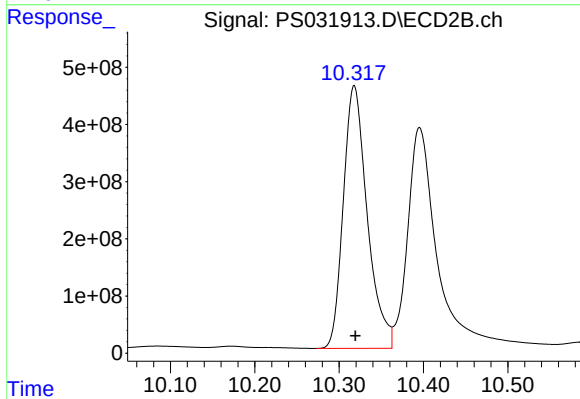
#11 2,4,5-TP (SILVEX)

R.T.: 9.888 min
Delta R.T.: -0.003 min
Response: 10268442278
Conc: 682.09 ng/ml



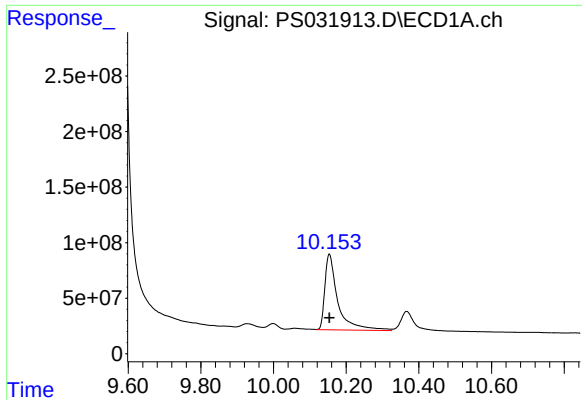
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: -0.002 min
Response: 13335392891
Conc: 728.78 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: -0.001 min
Response: 9061629549
Conc: 673.38 ng/ml



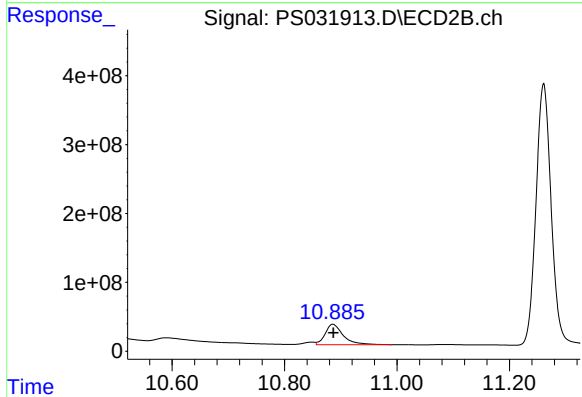
#13 2,4-DB

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 1688354396
Conc: 723.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

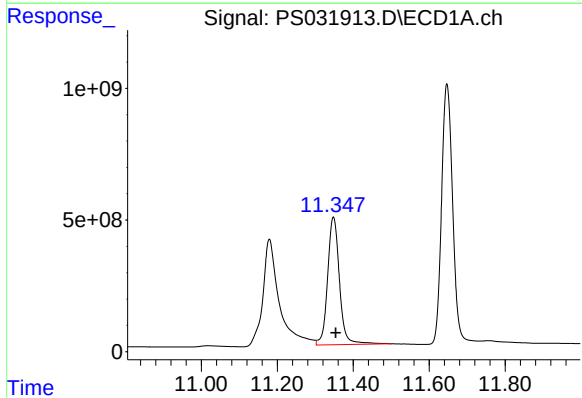
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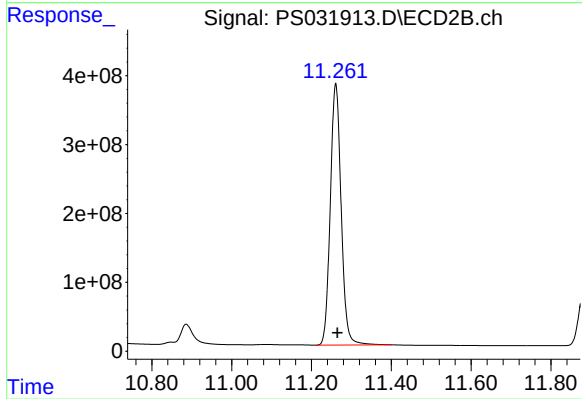
#13 2,4-DB

R.T.: 10.885 min
Delta R.T.: -0.001 min
Response: 663520008
Conc: 620.09 ng/ml m



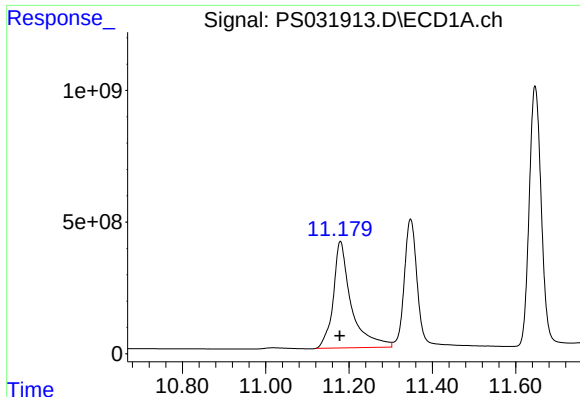
#14 DINOSEB

R.T.: 11.348 min
Delta R.T.: -0.007 min
Response: 10500392995
Conc: 728.05 ng/ml



#14 DINOSEB

R.T.: 11.261 min
Delta R.T.: -0.005 min
Response: 7158714740
Conc: 736.44 ng/ml



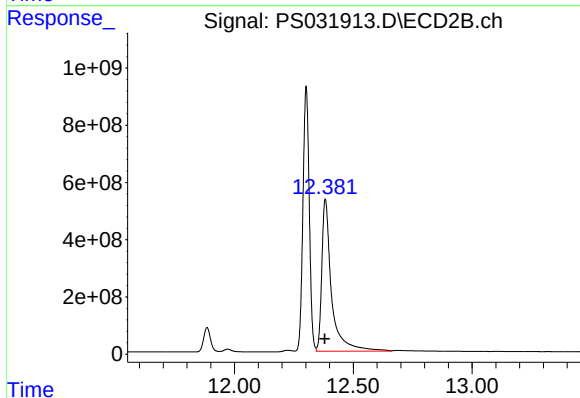
#15 Picloram

R.T.: 11.179 min
Delta R.T.: 0.002 min
Response: 12185703182
Conc: 676.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

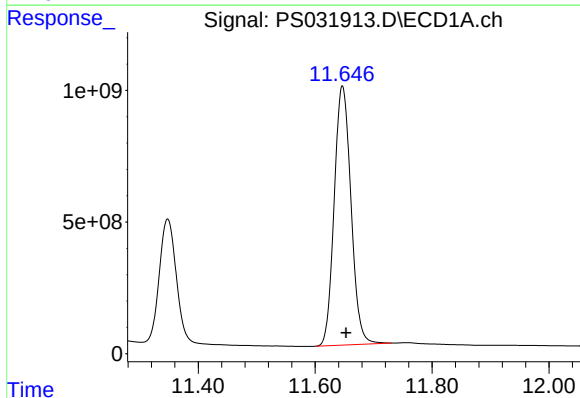
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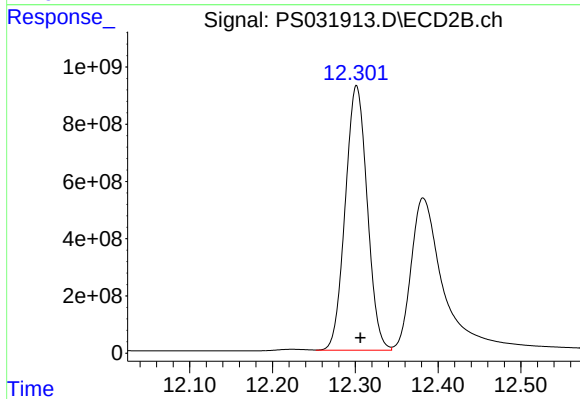
#15 Picloram

R.T.: 12.382 min
Delta R.T.: 0.003 min
Response: 15198693073
Conc: 641.75 ng/ml



#16 DCPA

R.T.: 11.647 min
Delta R.T.: -0.006 min
Response: 19609492786
Conc: 727.63 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.004 min
Response: 17026072751
Conc: 706.36 ng/ml