

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 15:54
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 02:25:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.285	7.741	2714.7E6	657.0E6	855.286	777.166
Target Compounds							
1) T	Dalapon	2.672	2.690	3618.9E6	1782.4E6	689.462	669.835
2) T	3,5-DICHL...	6.452	6.694	3771.5E6	1031.2E6	799.339	762.738
3) T	4-Nitroph...	7.090	7.289	960.2E6	886.6E6	930.750m	705.416
5) T	DICAMBA	7.470	7.938	11197.0E6	4378.1E6	801.708	770.422
6) T	MCPD	7.648	8.035	666.8E6	134.8E6	82.891m	76.259m
7) T	MCPA	7.797	8.283	805.5E6	192.6E6	80.858	68.663
8) T	DICHLORPROP	8.177	8.657	2518.1E6	997.8E6	793.736	747.400
9) T	2,4-D	8.411	8.998	2539.7E6	1005.8E6	882.800	704.689
10) T	Pentachlo...	8.710	9.508	40829.8E6	28234.9E6	850.401	810.686
11) T	2,4,5-TP ...	9.286	9.892	15238.9E6	10254.2E6	850.211	781.810
12) T	2,4,5-T	9.582	10.321	13083.1E6	9262.8E6	892.966	782.346
13) T	2,4-DB	10.157	10.889	1940.3E6	728.7E6	1009.692	755.248m#
14) T	DINOSEB	11.356	11.266	10685.6E6	7468.7E6	842.811	789.759
15) T	Picloram	11.182	12.385	12685.4E6	13908.4E6	971.750m	793.417
16) T	DCPA	11.655	12.307	19985.4E6	16817.3E6	877.351m	853.655m

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

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Acq On : 03 Sep 2025 15:54
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

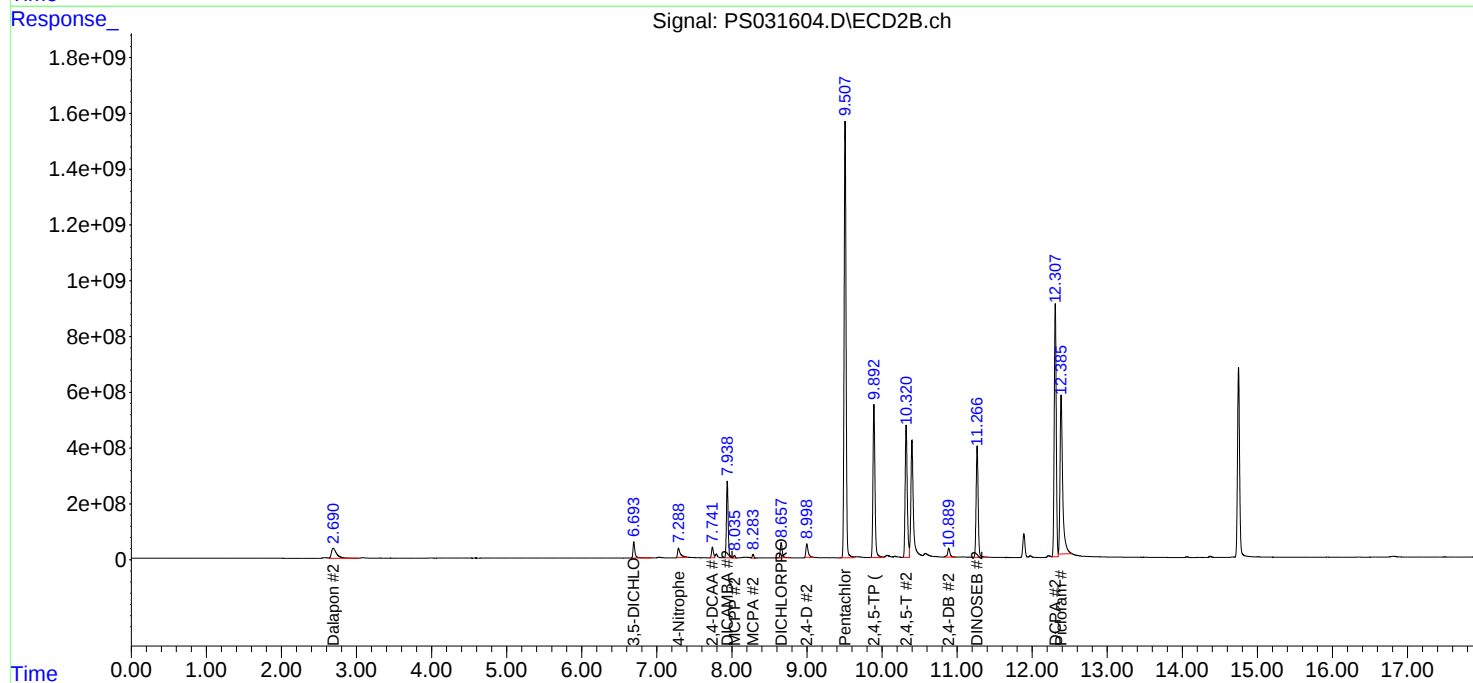
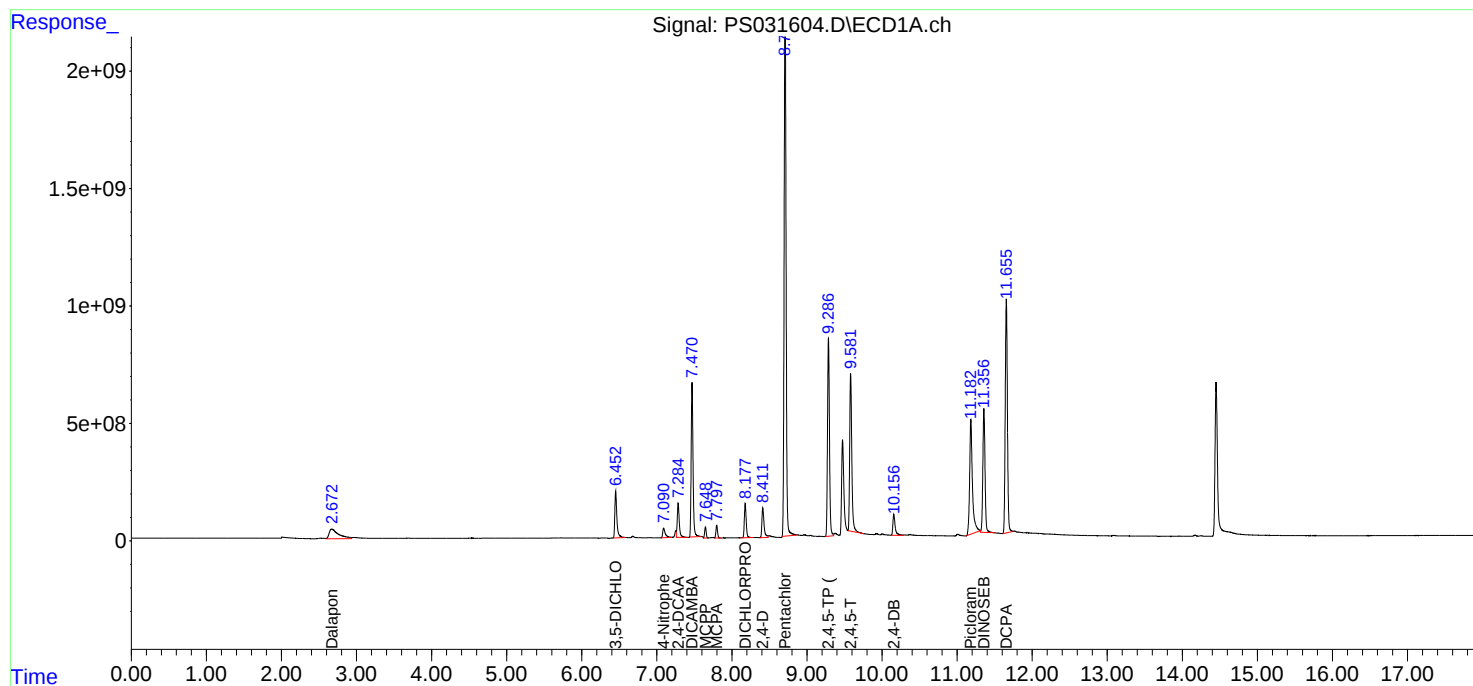
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

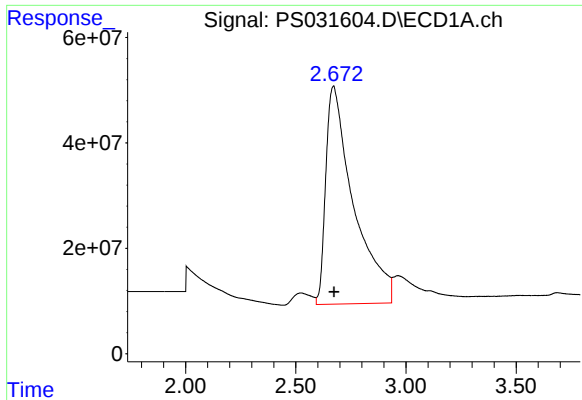
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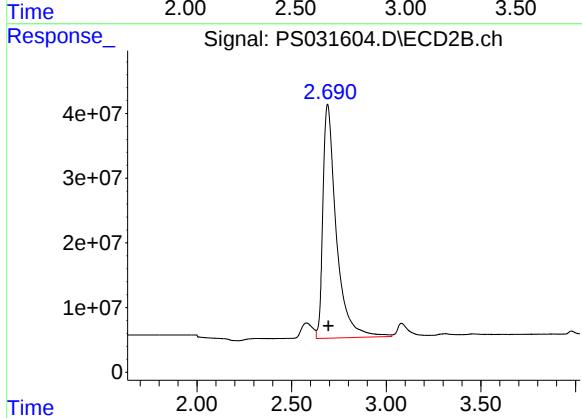
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 3618941037
Conc: 689.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

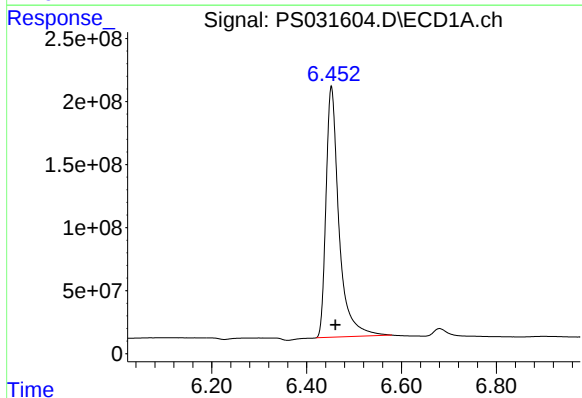
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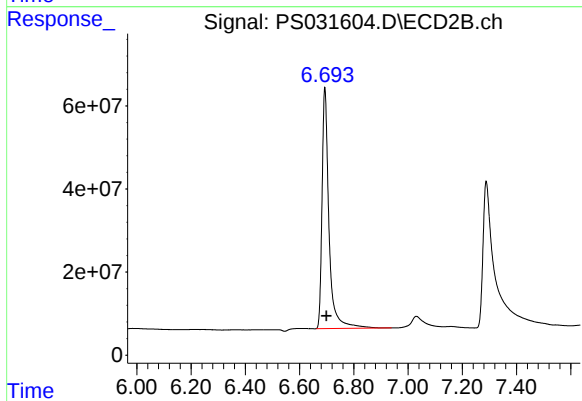
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.005 min
Response: 1782437555
Conc: 669.83 ng/ml



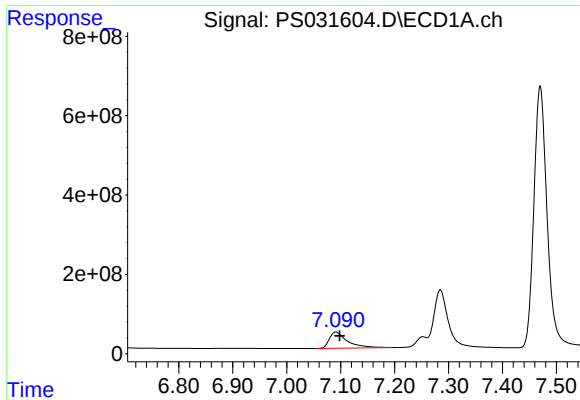
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: -0.008 min
Response: 3771531971
Conc: 799.34 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 1031167397
Conc: 762.74 ng/ml



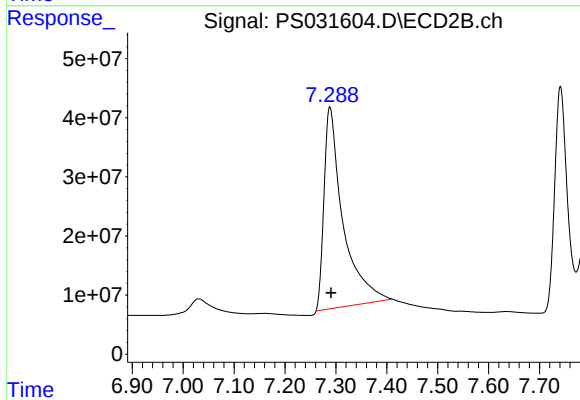
#3 4-Nitrophenol

R.T.: 7.090 min
Delta R.T.: -0.008 min
Response: 960235557
Conc: 930.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

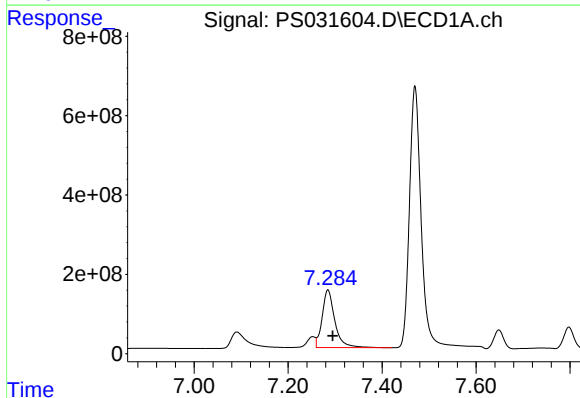
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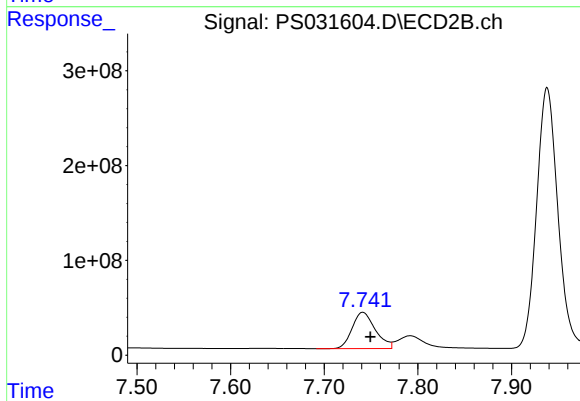
#3 4-Nitrophenol

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 886630468
Conc: 705.42 ng/ml



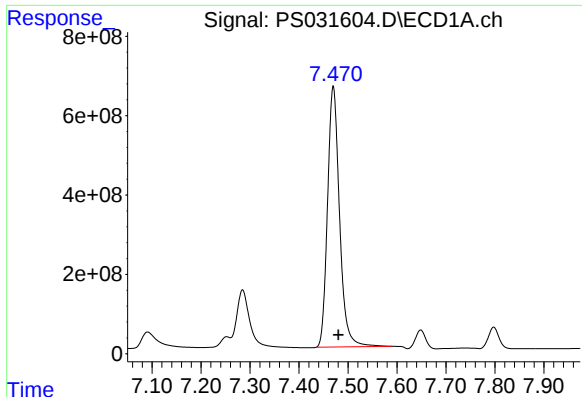
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.010 min
Response: 2714666137
Conc: 855.29 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: -0.008 min
Response: 656968967
Conc: 777.17 ng/ml



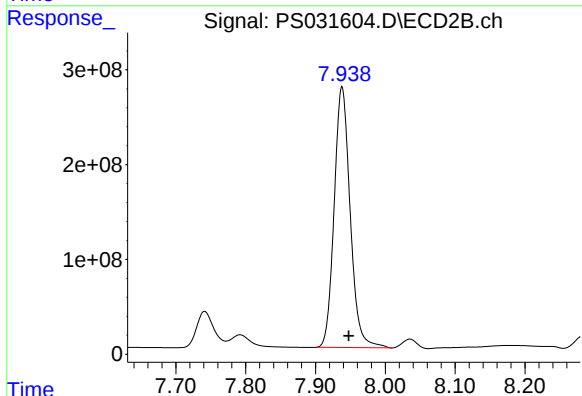
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 11197024540
Conc: 801.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

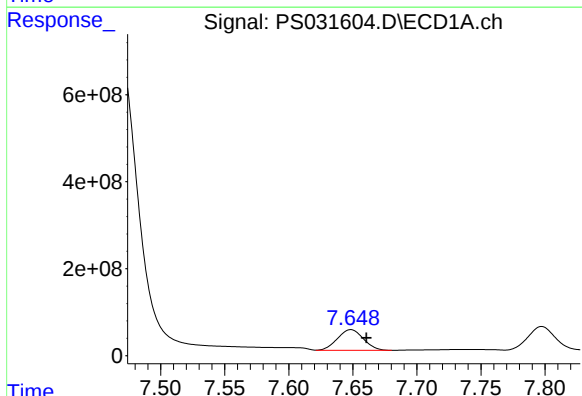
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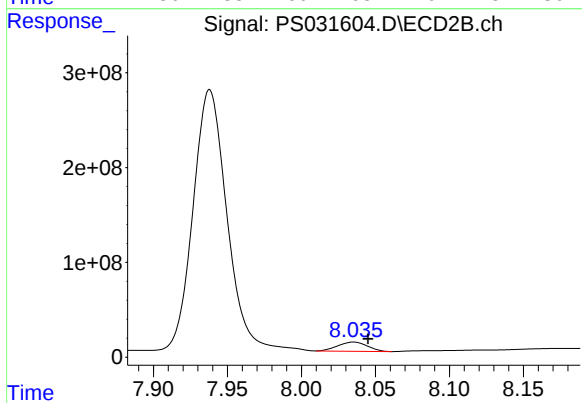
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 4378066405
Conc: 770.42 ng/ml



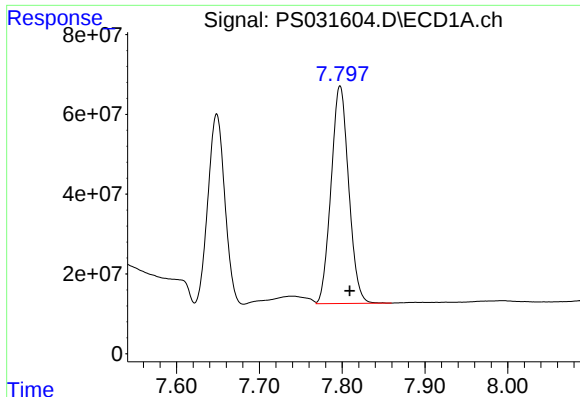
#6 MCP

R.T.: 7.648 min
Delta R.T.: -0.012 min
Response: 666843549
Conc: 82.89 ug/ml m



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.010 min
Response: 134812864
Conc: 76.26 ug/ml m



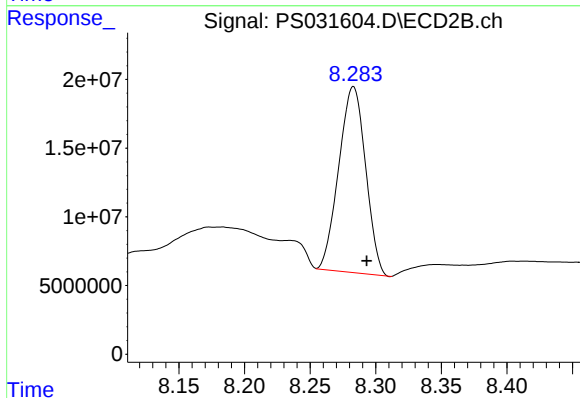
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.012 min
Response: 805450284
Conc: 80.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

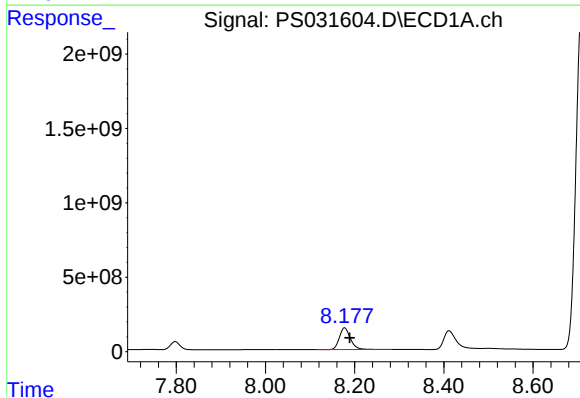
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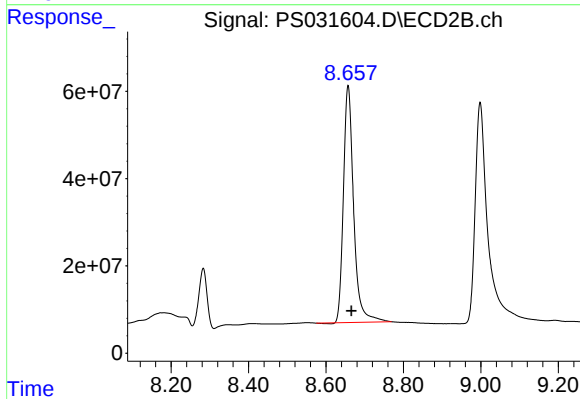
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.010 min
Response: 192634920
Conc: 68.66 ug/ml



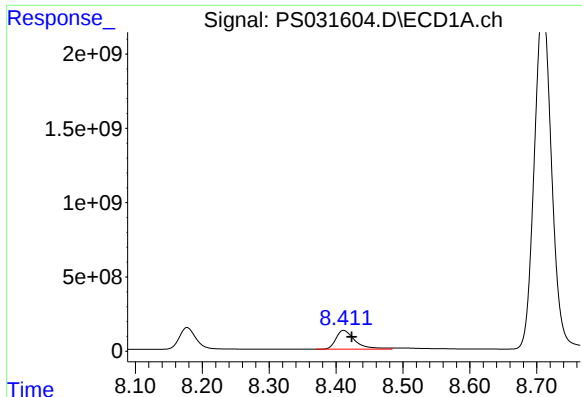
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: -0.012 min
Response: 2518071266
Conc: 793.74 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: -0.009 min
Response: 997803878
Conc: 747.40 ng/ml



#9 2,4-D

R.T.: 8.411 min
Delta R.T.: -0.012 min
Response: 2539653813
Conc: 882.80 ng/ml

Instrument :

ECD_S

ClientSampleId :

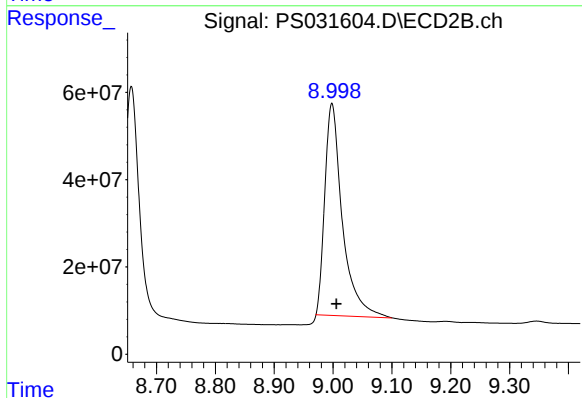
HSTDCCC750

Manual Integrations

APPROVED

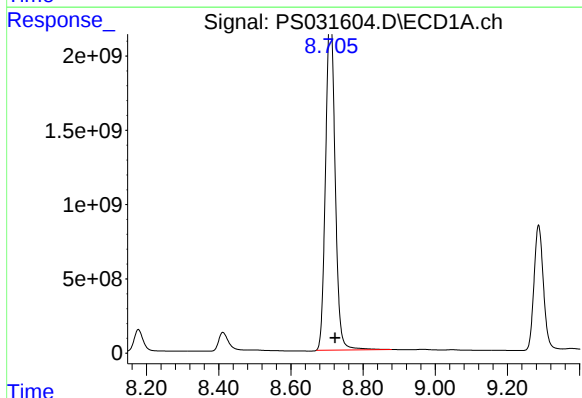
Reviewed By :Abdul Mirza 09/04/2025

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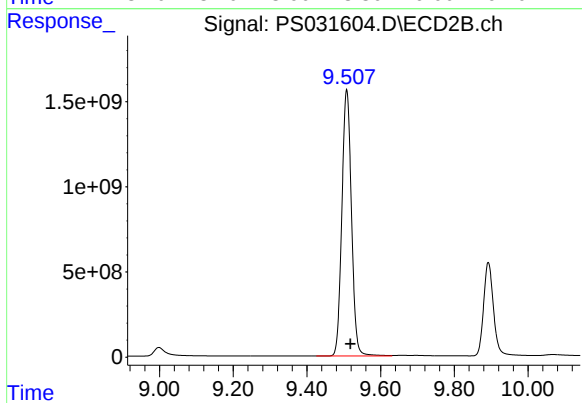
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: -0.007 min
Response: 1005793608
Conc: 704.69 ng/ml



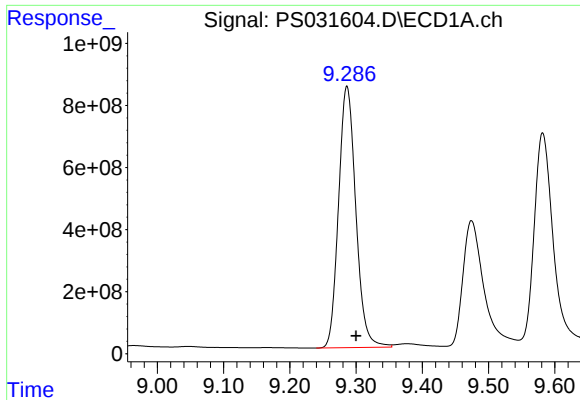
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.013 min
Response: 40829785034
Conc: 850.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.010 min
Response: 28234913172
Conc: 810.69 ng/ml



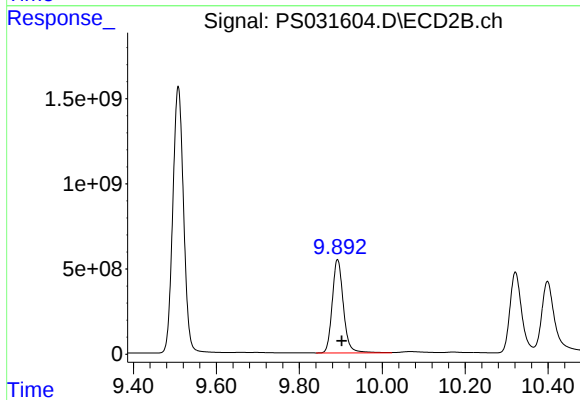
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 15238940572
Conc: 850.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

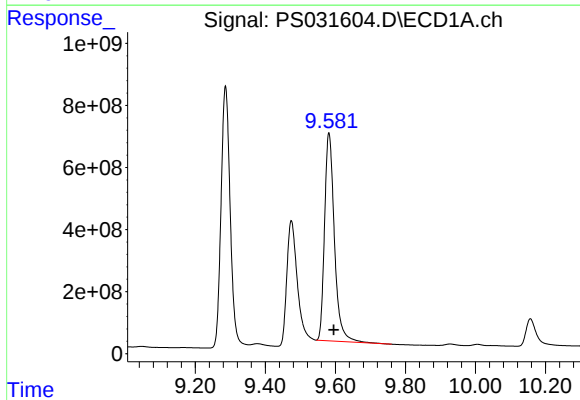
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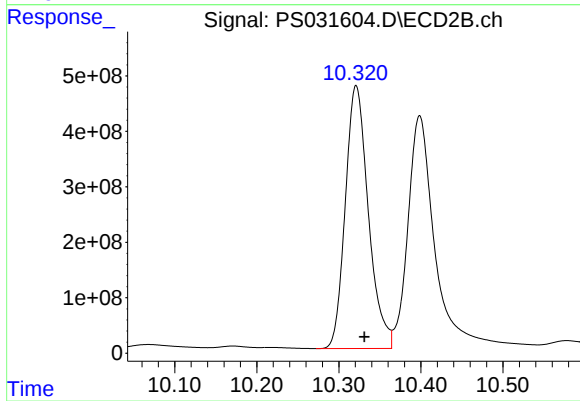
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 10254242351
Conc: 781.81 ng/ml



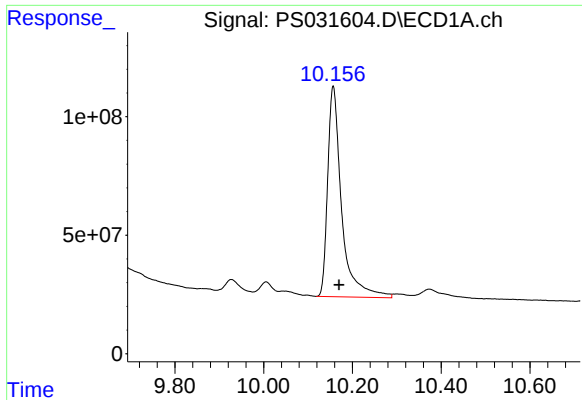
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: -0.014 min
Response: 13083050131
Conc: 892.97 ng/ml



#12 2,4,5-T

R.T.: 10.321 min
Delta R.T.: -0.010 min
Response: 9262796721
Conc: 782.35 ng/ml



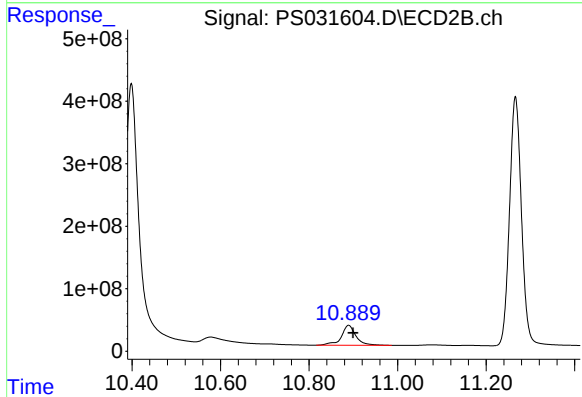
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: -0.013 min
Response: 1940346006
Conc: 1009.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

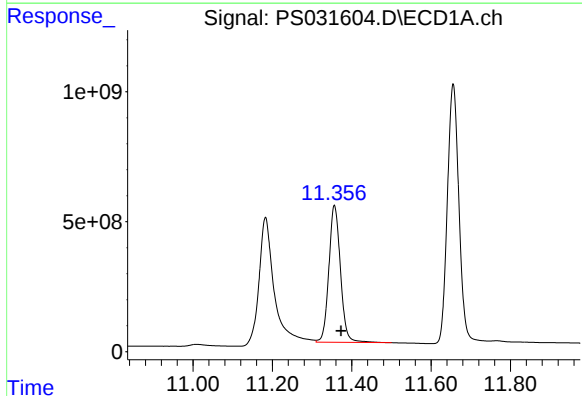
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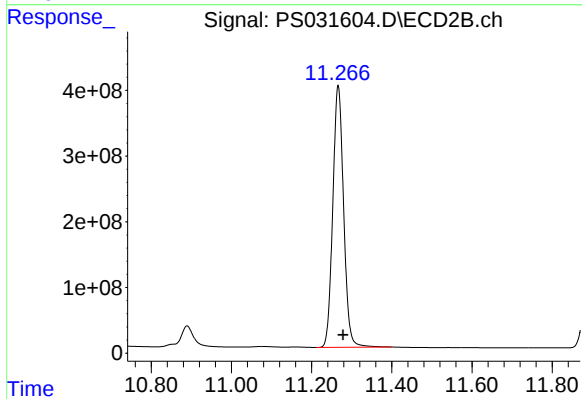
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: -0.010 min
Response: 728697786
Conc: 755.25 ng/ml m



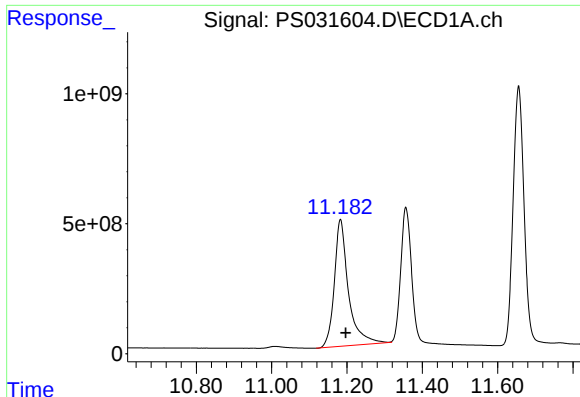
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.017 min
Response: 10685564481
Conc: 842.81 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.012 min
Response: 7468713496
Conc: 789.76 ng/ml



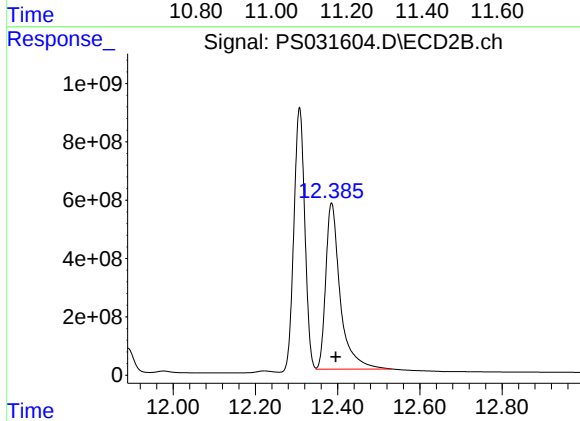
#15 Picloram

R.T.: 11.182 min
Delta R.T.: -0.015 min
Response: 12685366254
Conc: 971.75 ng/ml

Instrument :
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HSTDCCC750

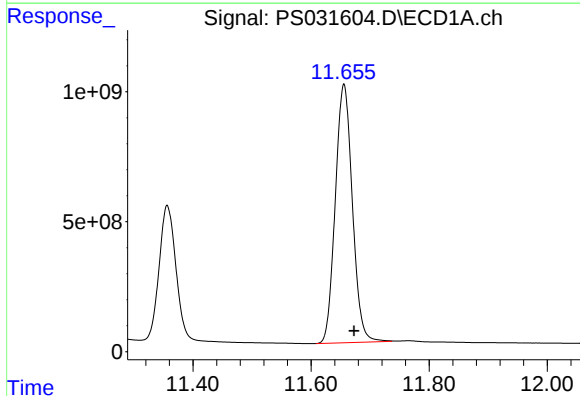
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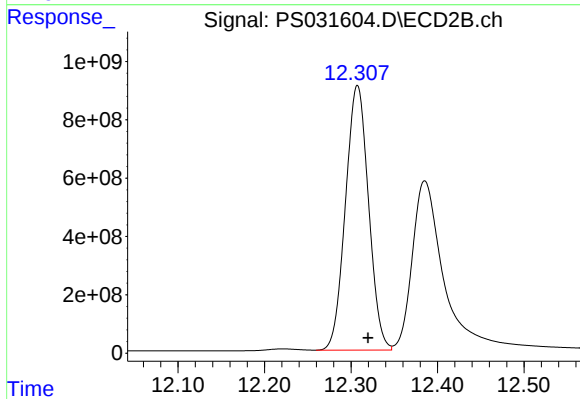
#15 Picloram

R.T.: 12.385 min
Delta R.T.: -0.010 min
Response: 13908378438
Conc: 793.42 ng/ml



#16 DCPA

R.T.: 11.655 min
Delta R.T.: -0.018 min
Response: 19985449957
Conc: 877.35 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 16817344039
Conc: 853.66 ng/ml m