

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS063025\
 Data File : PS030866.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2025 17:49
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 01:37:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.340	7.768	2588.0E6	737.0E6	704.334m	687.552
Target Compounds							
1) T	Dalapon	2.706	2.710	3949.7E6	1738.3E6	662.071	634.030
2) T	3,5-DICHL...	6.501	6.714	3567.9E6	1025.1E6	663.482	635.479
3) T	4-Nitroph...	7.140	7.300	1073.9E6	1097.9E6	681.100	633.332
5) T	DICAMBA	7.530	7.970	10419.4E6	4337.7E6	684.804	661.914
6) T	MCPD	7.711	8.069	694.8E6	150.0E6	74.010m	71.504
7) T	MCPA	7.861	8.318	814.8E6	220.2E6	69.462	70.012
8) T	DICHLORPROP	8.243	8.689	2413.9E6	999.7E6	644.426	635.762
9) T	2,4-D	8.475	9.025	2368.3E6	1071.7E6	687.581	630.621
10) T	Pentachlo...	8.783	9.550	37670.7E6	26110.4E6	711.770	684.914
11) T	2,4,5-TP ...	9.363	9.930	14308.2E6	9676.1E6	714.323	670.611
12) T	2,4,5-T	9.656	10.357	12559.3E6	9284.4E6	763.334	679.448
13) T	2,4-DB	10.233	10.924	1829.9E6	786.4E6	797.884m	664.792
14) T	DINOSEB	11.452	11.310	9872.0E6	7059.8E6	711.588m	654.824
15) T	Picloram	11.261	12.418	12478.4E6	15984.1E6	776.209m	687.740
16) T	DCPA	11.749	12.353	18795.9E6	15162.6E6	733.750	687.872m

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

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Acq On : 30 Jun 2025 17:49
Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

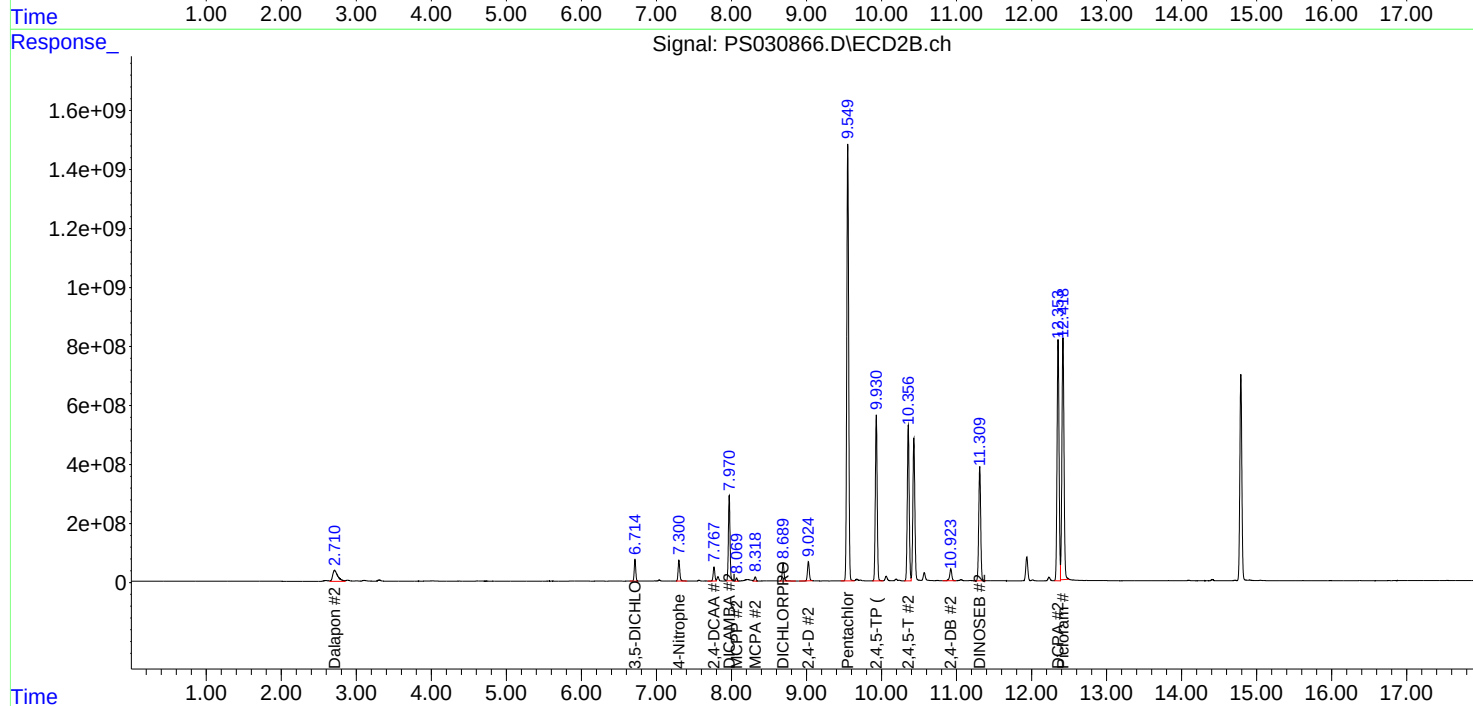
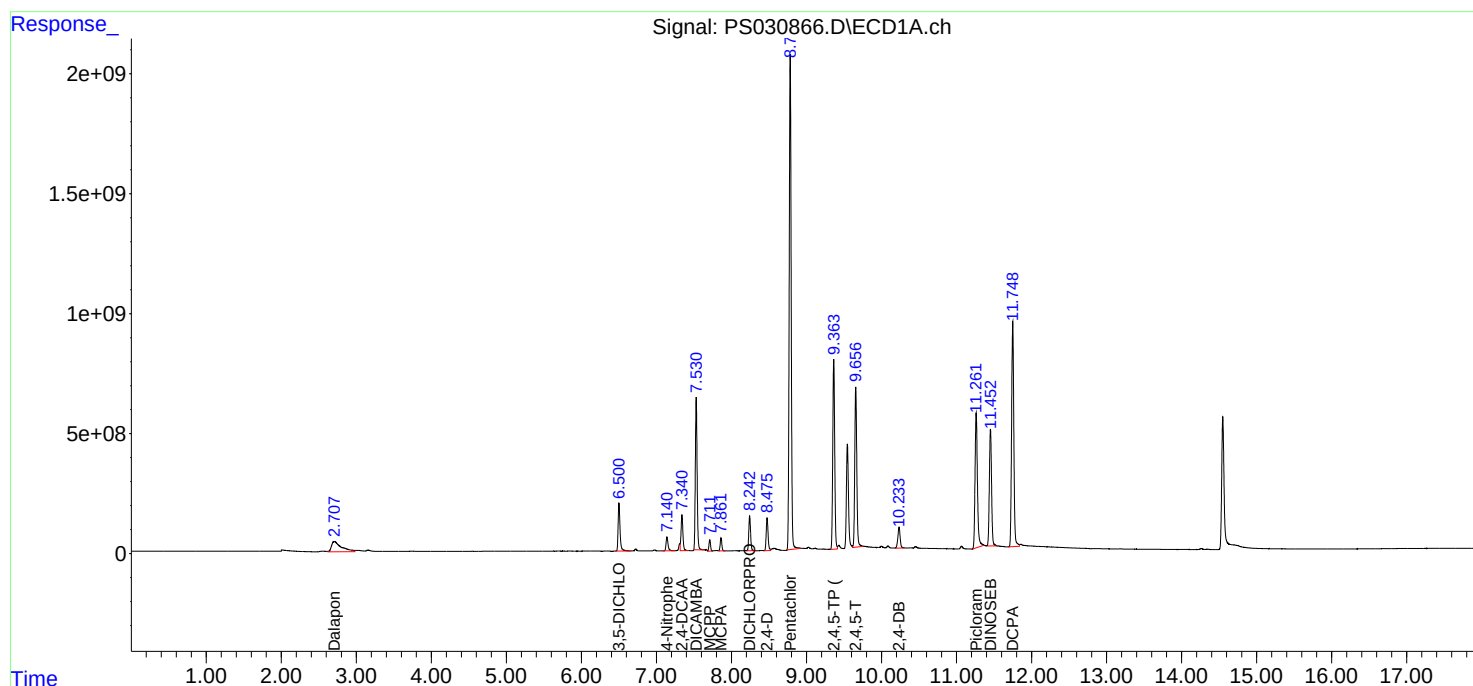
Instrument :
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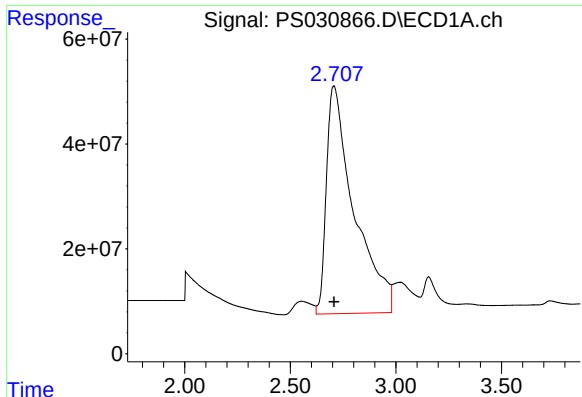
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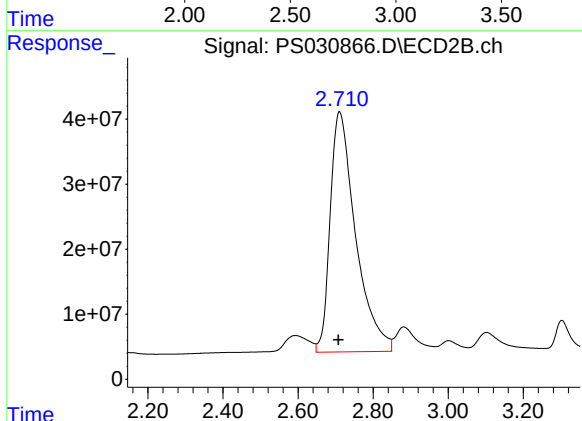
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 3949672518
Conc: 662.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

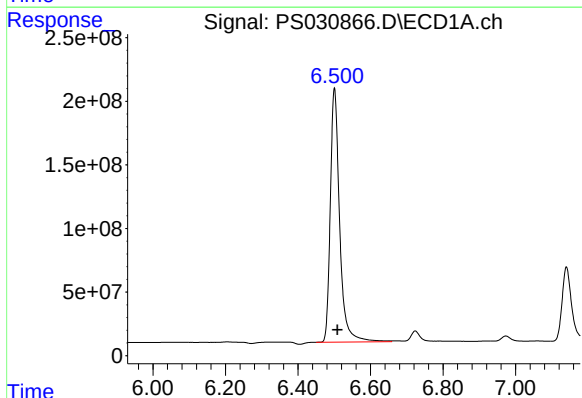
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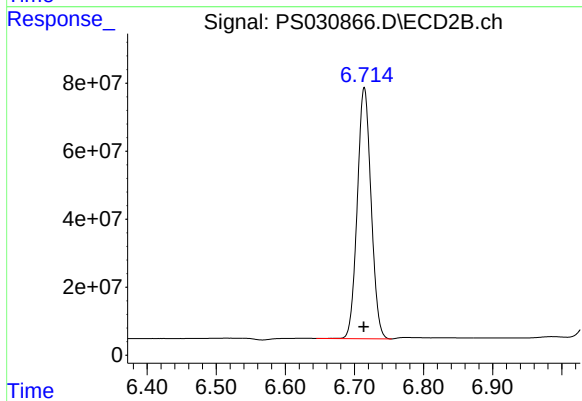
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.003 min
Response: 1738346925
Conc: 634.03 ng/ml



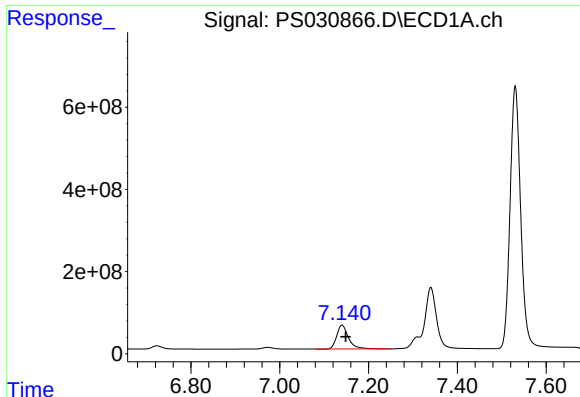
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.501 min
Delta R.T.: -0.008 min
Response: 3567908987
Conc: 663.48 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1025123468
Conc: 635.48 ng/ml



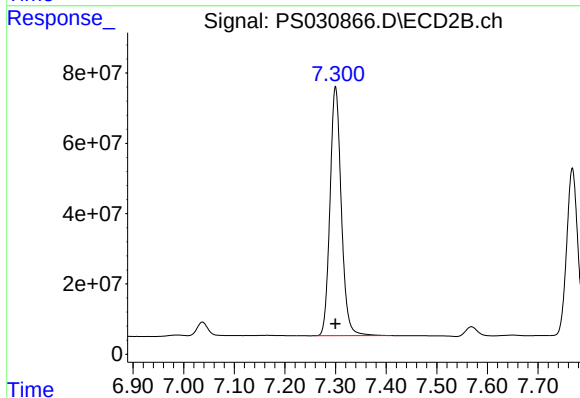
#3 4-Nitrophenol

R.T.: 7.140 min
Delta R.T.: -0.008 min
Response: 1073936457
Conc: 681.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

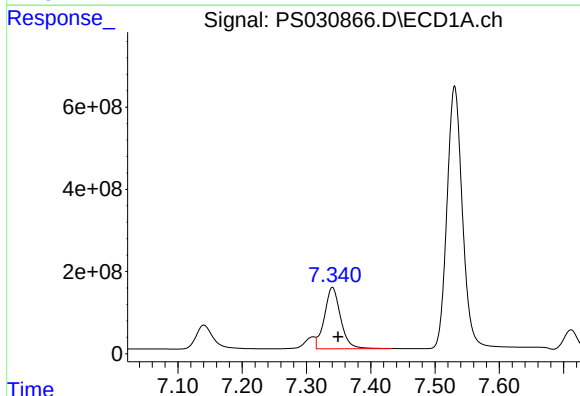
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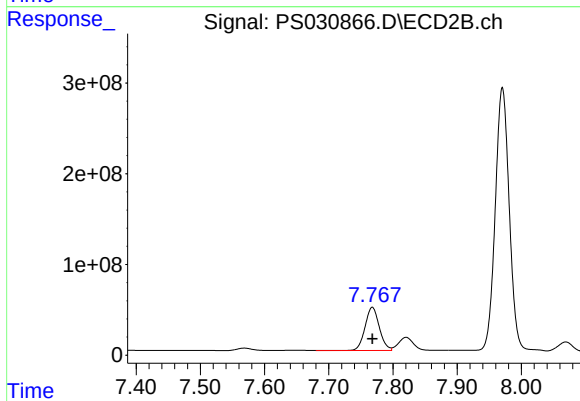
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1097903643
Conc: 633.33 ng/ml



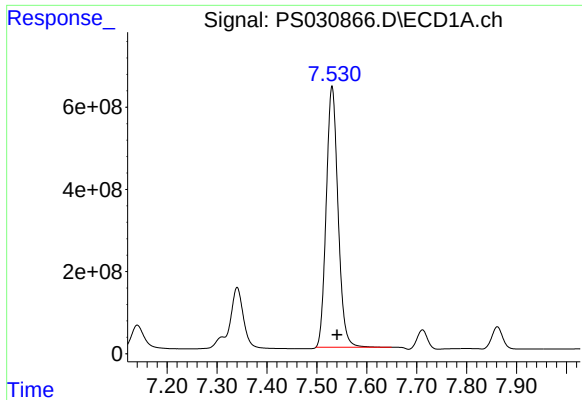
#4 2,4-DCAA

R.T.: 7.340 min
Delta R.T.: -0.010 min
Response: 2588001516
Conc: 704.33 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 737030816
Conc: 687.55 ng/ml



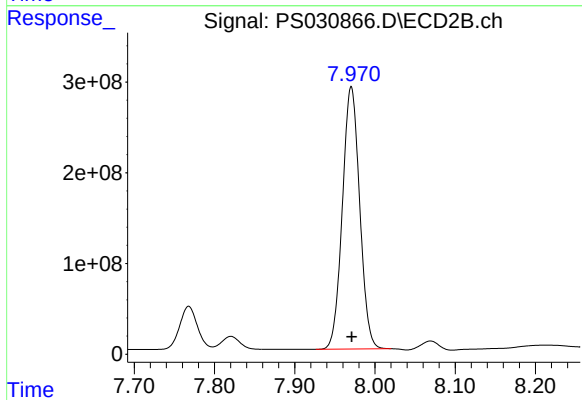
#5 DICAMBA

R.T.: 7.530 min
Delta R.T.: -0.010 min
Response: 10419352988
Conc: 684.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

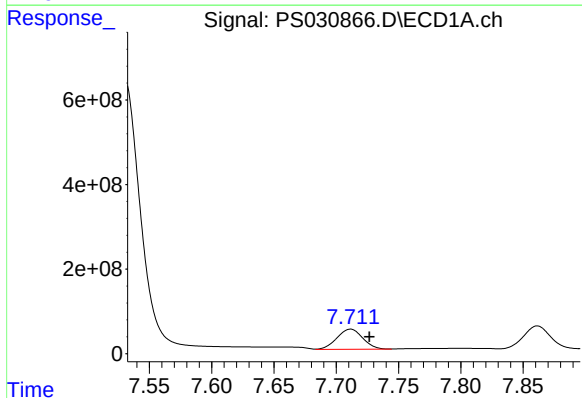
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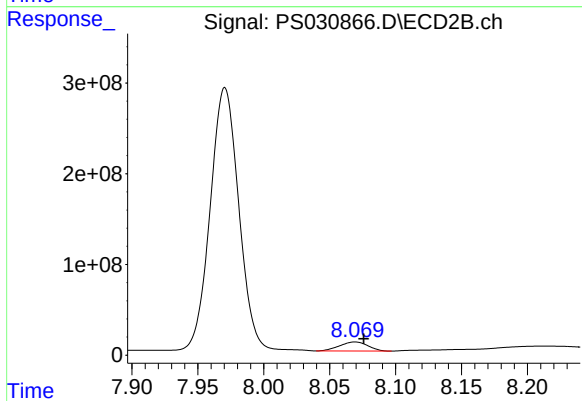
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 4337662256
Conc: 661.91 ng/ml



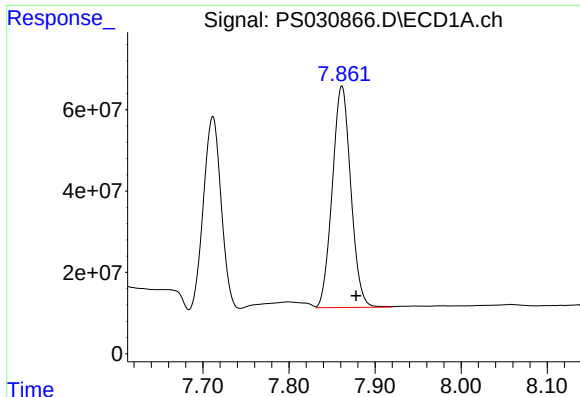
#6 MCP

R.T.: 7.711 min
Delta R.T.: -0.016 min
Response: 694831049
Conc: 74.01 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 149967411
Conc: 71.50 ug/ml



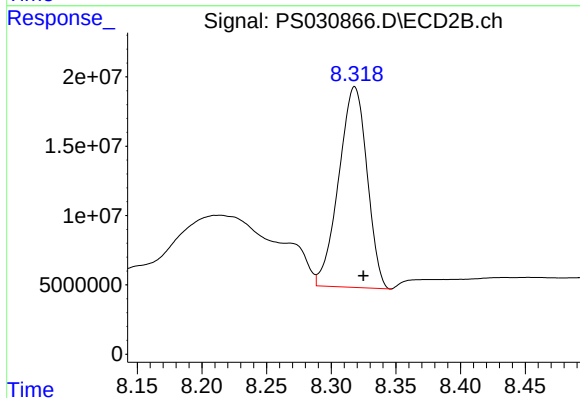
#7 MCPA

R.T.: 7.861 min
Delta R.T.: -0.017 min
Response: 814825915
Conc: 69.46 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

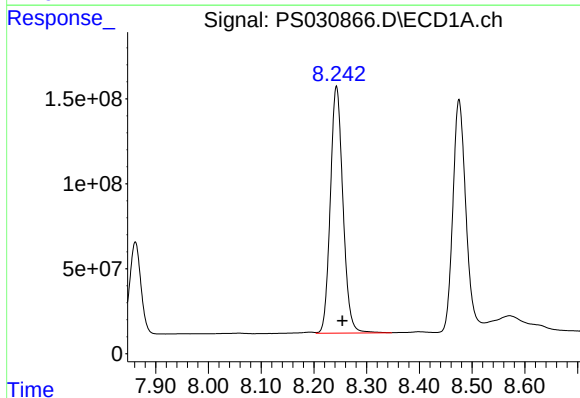
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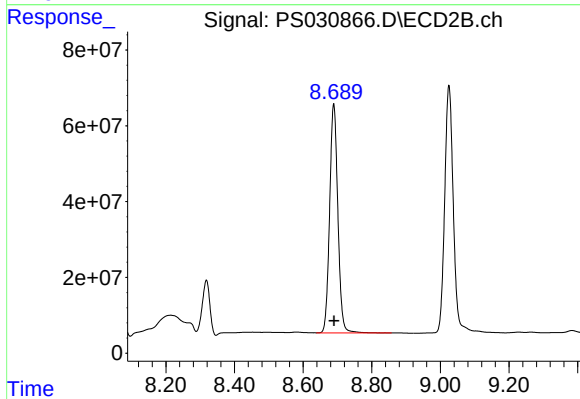
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 220240955
Conc: 70.01 ug/ml



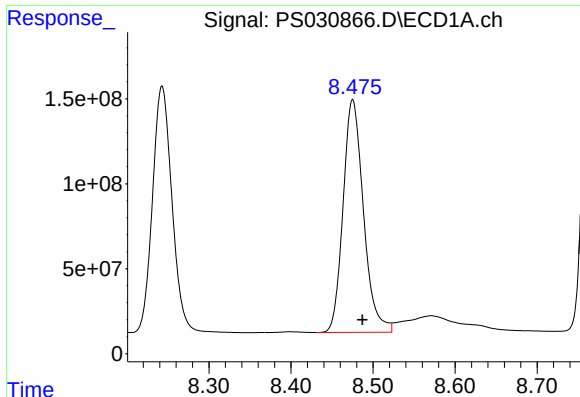
#8 DICHLORPROP

R.T.: 8.243 min
Delta R.T.: -0.012 min
Response: 2413867004
Conc: 644.43 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 999732313
Conc: 635.76 ng/ml



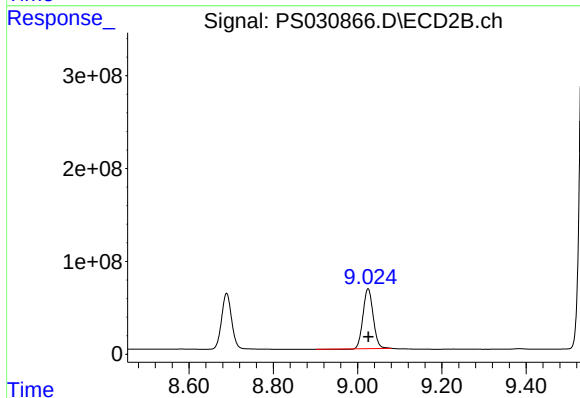
#9 2,4-D

R.T.: 8.475 min
Delta R.T.: -0.012 min
Response: 2368312345
Conc: 687.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

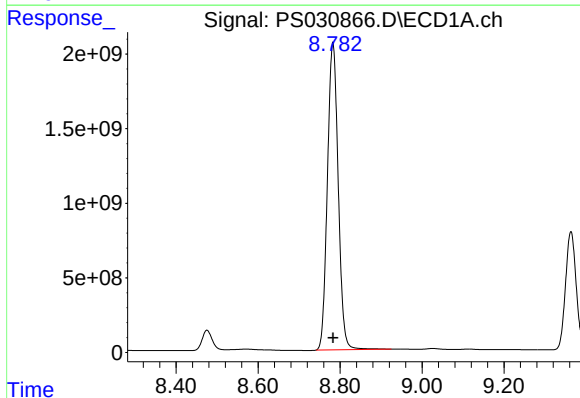
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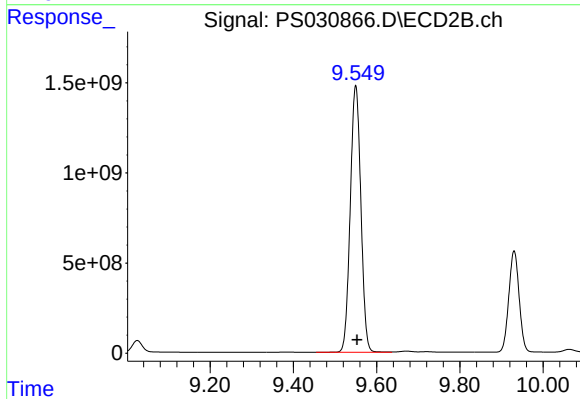
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 1071680980
Conc: 630.62 ng/ml



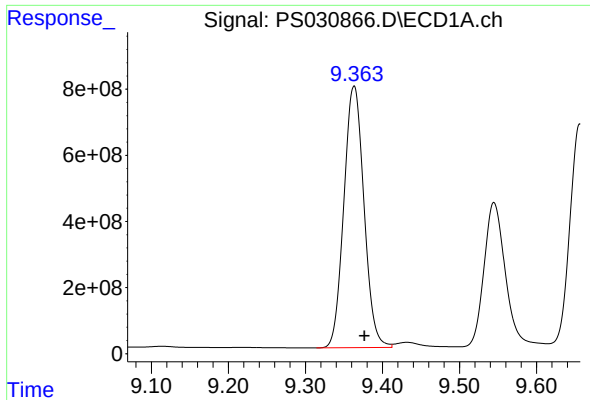
#10 Pentachlorophenol

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 37670737984
Conc: 711.77 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.003 min
Response: 26110365393
Conc: 684.91 ng/ml



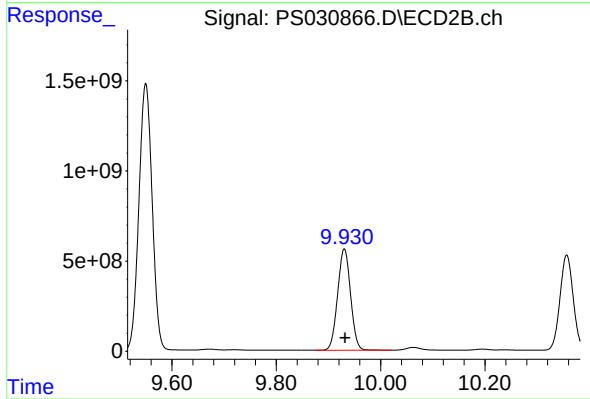
#11 2,4,5-TP (SILVEX)

R.T.: 9.363 min
Delta R.T.: -0.013 min
Response: 14308170147
Conc: 714.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

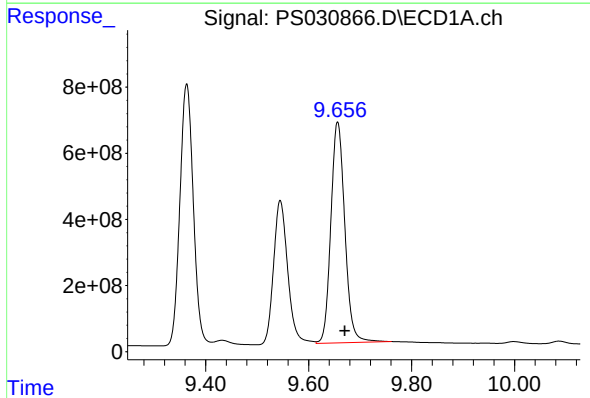
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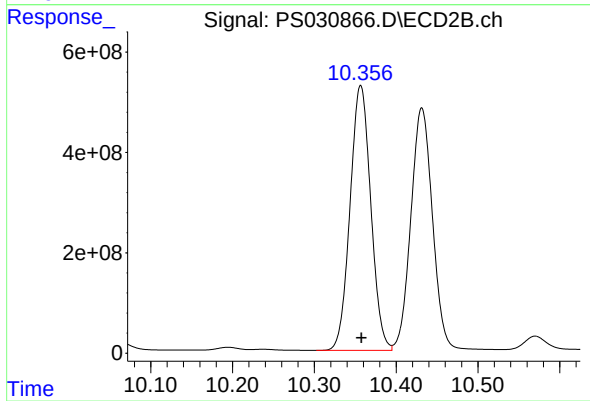
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 9676052463
Conc: 670.61 ng/ml



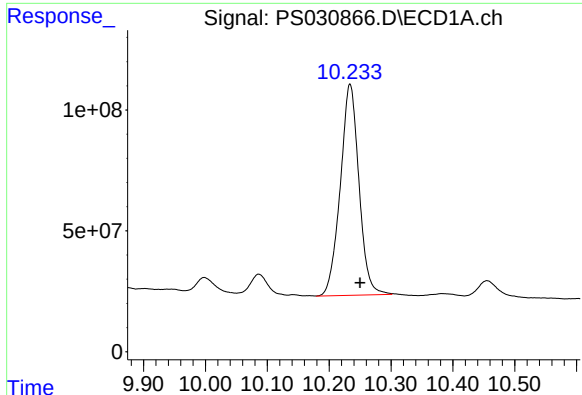
#12 2,4,5-T

R.T.: 9.656 min
Delta R.T.: -0.014 min
Response: 12559258336
Conc: 763.33 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 9284400700
Conc: 679.45 ng/ml



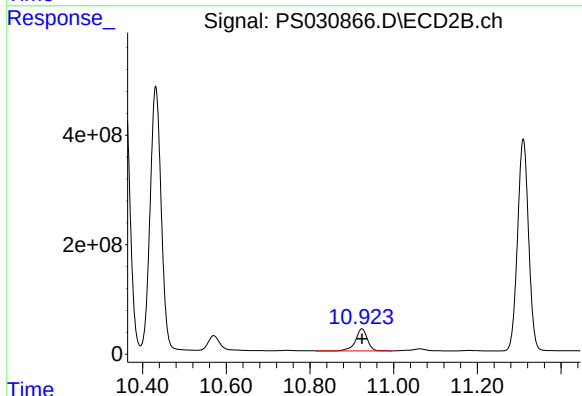
#13 2,4-DB

R.T.: 10.233 min
Delta R.T.: -0.017 min
Response: 1829948295
Conc: 797.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

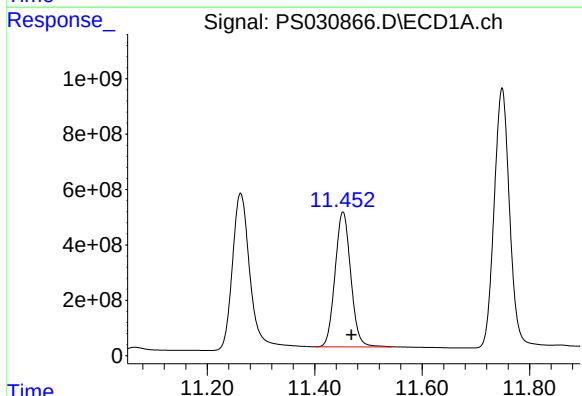
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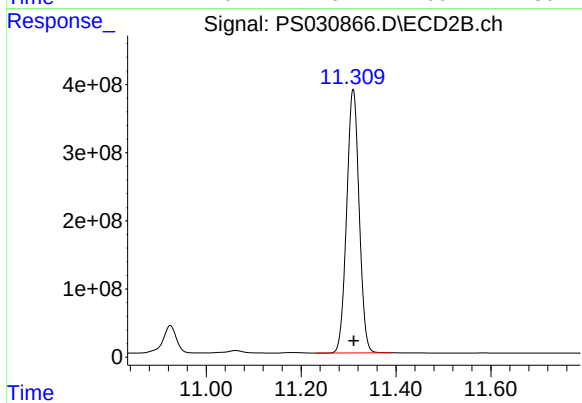
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 786384367
Conc: 664.79 ng/ml



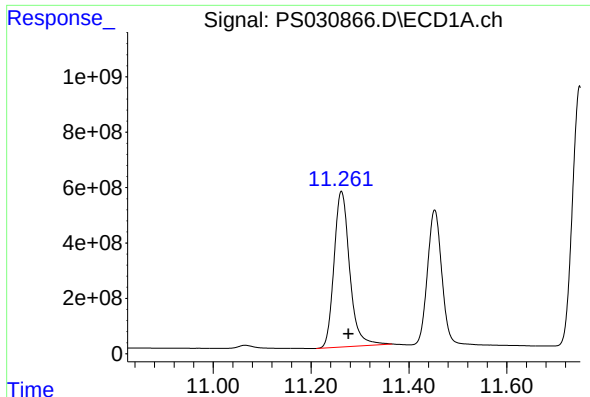
#14 DINOSEB

R.T.: 11.452 min
Delta R.T.: -0.016 min
Response: 9871988918
Conc: 711.59 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: -0.001 min
Response: 7059823382
Conc: 654.82 ng/ml



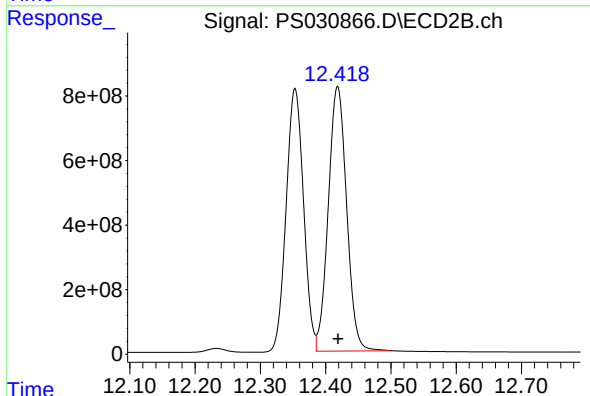
#15 Picloram

R.T.: 11.261 min
Delta R.T.: -0.015 min
Response: 12478423241
Conc: 776.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

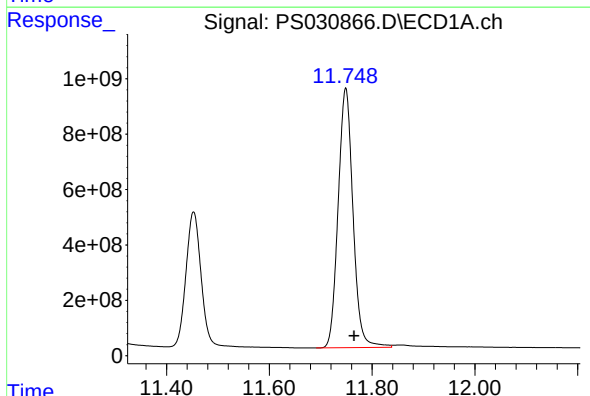
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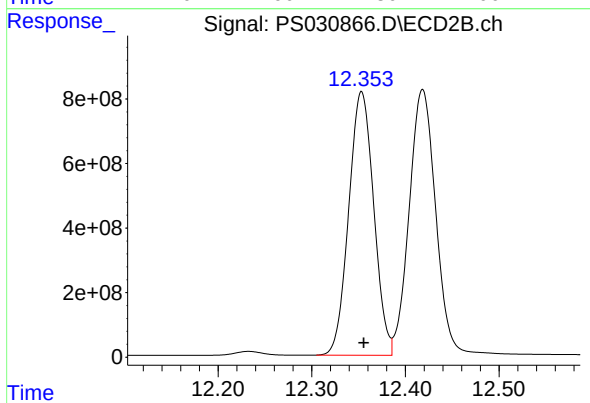
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.001 min
Response: 15984056760
Conc: 687.74 ng/ml



#16 DCPA

R.T.: 11.749 min
Delta R.T.: -0.016 min
Response: 18795927291
Conc: 733.75 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 15162622636
Conc: 687.87 ng/ml m