

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040225\
 Data File : PS029660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2025 19:32
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 21:47:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 21:45:08 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 x 0.5 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	6.963	7.475	1949.0E6	658.6E6	984.687	997.781
Target Compounds							
1) T	Dalapon	2.463	2.533	2931.9E6	1379.7E6	897.971	899.538
2) T	3,5-DICHL...	6.165	6.471	2698.4E6	869.7E6	917.551	927.061
3) T	4-Nitroph...	6.753	7.010	1229.4E6	617.9E6	902.763	903.979
5) T	DICAMBA	7.140	7.662	7768.3E6	3498.9E6	938.223	958.015
6) T	MCP	7.319	7.769	543.2E6	167.9E6	98.636	95.855
7) T	MCPA	7.463	8.001	699.2E6	216.5E6	94.768	95.274
8) T	DICHLORPROP	7.822	8.357	1904.9E6	846.0E6	921.024	934.778
9) T	2,4-D	8.043	8.671	2112.0E6	943.5E6	931.373	940.657
10) T	Pentachlo...	8.322	9.174	27238.3E6	16770.4E6	936.904	946.407
11) T	2,4,5-TP ...	8.888	9.552	10687.3E6	6736.3E6	944.073	954.635
12) T	2,4,5-T	9.170	9.957	10696.9E6	6311.3E6	945.212	954.996
13) T	2,4-DB	9.730	10.515	1781.8E6	690.0E6	948.880	965.102
14) T	DINOSEB	10.895	10.887	7700.3E6	4684.3E6	928.272	945.920
15) T	Picloram	10.713	11.929	14447.2E6	12036.9E6	951.454	1085.696m
16) T	DCPA	11.196	11.916	13124.1E6	7801.9E6	953.028	776.299m

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

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Acq On : 02 Apr 2025 19:32
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 9 Sample Multiplier: 1

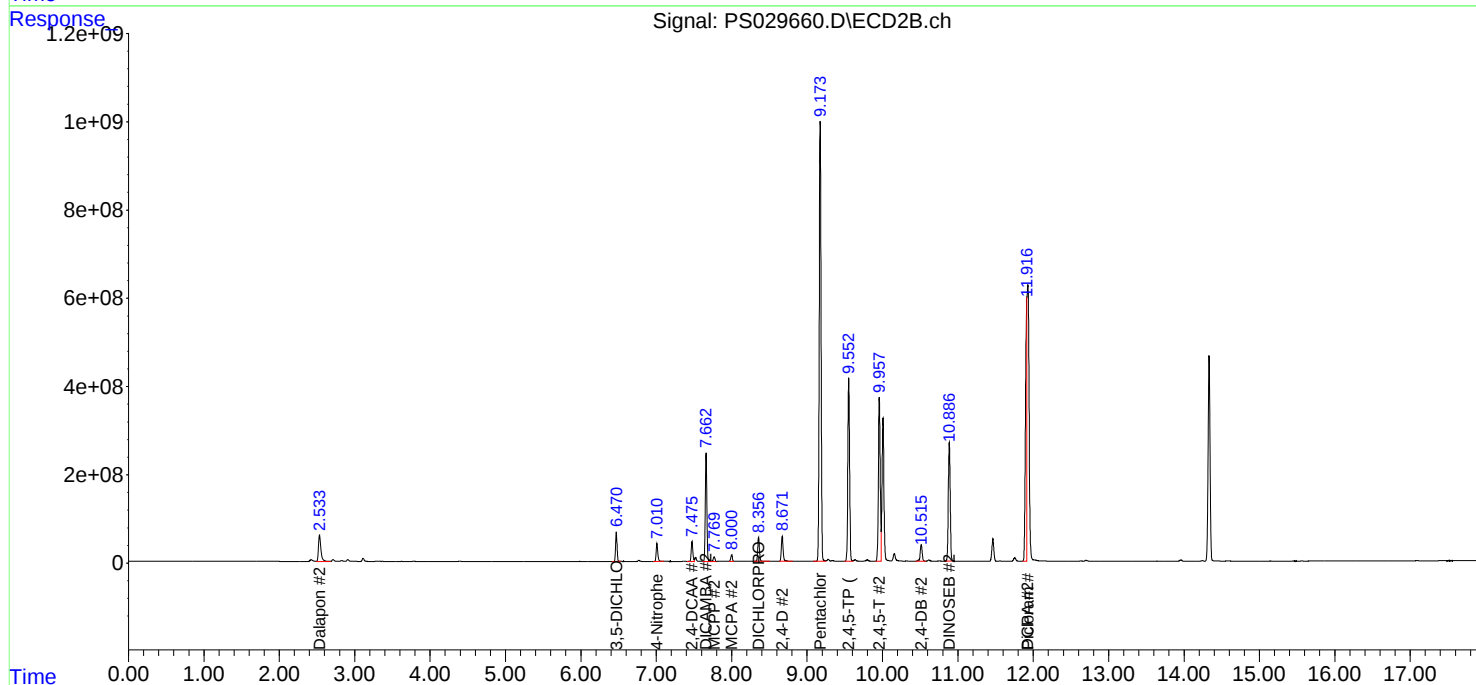
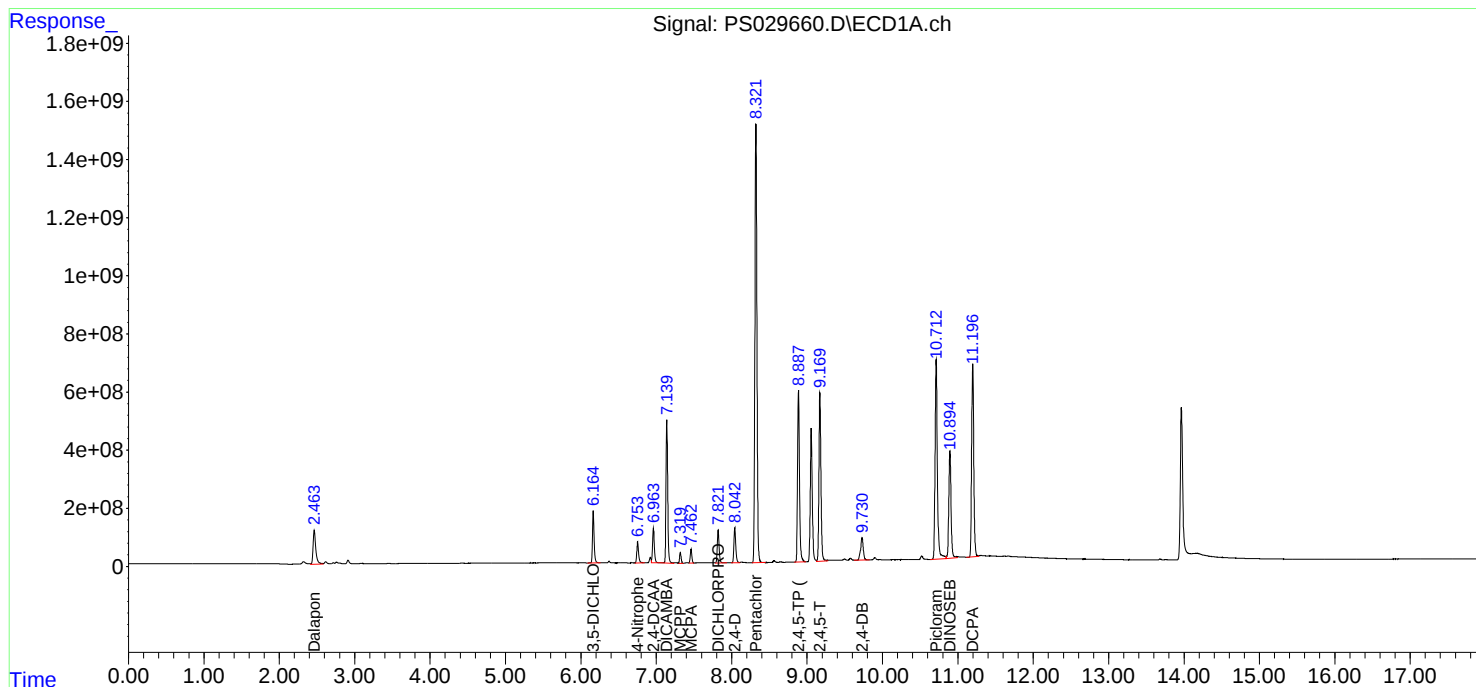
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

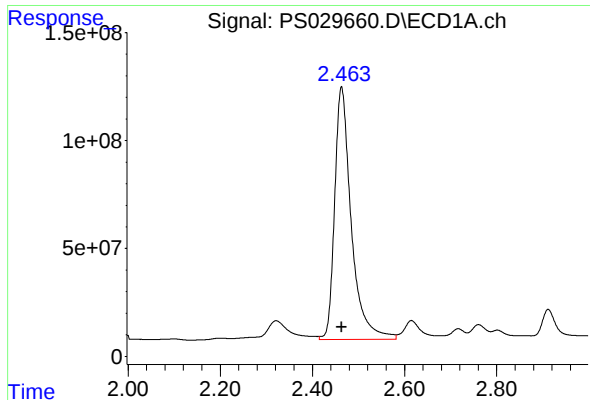
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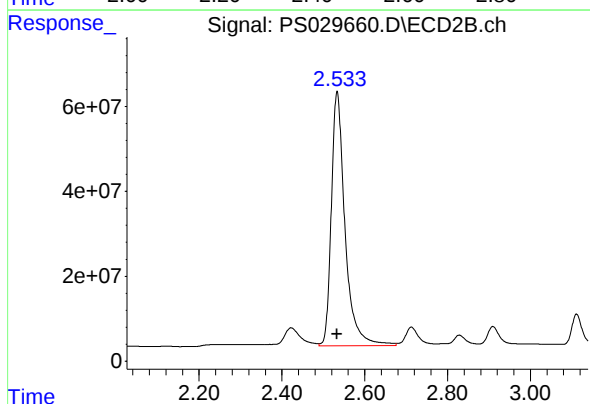
#1 Dalapon

R.T.: 2.463 min
Delta R.T.: 0.000 min
Response: 2931904194
Conc: 897.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

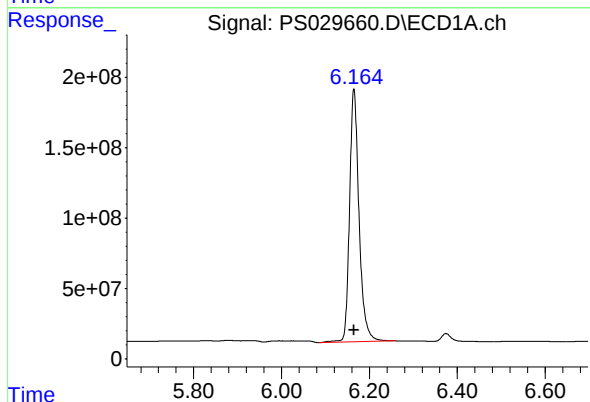
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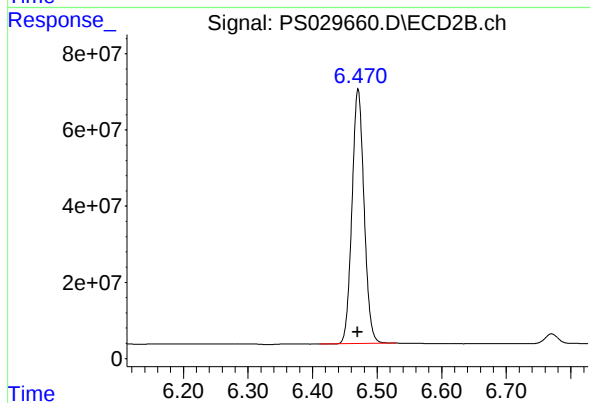
#1 Dalapon

R.T.: 2.533 min
Delta R.T.: 0.000 min
Response: 1379704778
Conc: 899.54 ng/ml



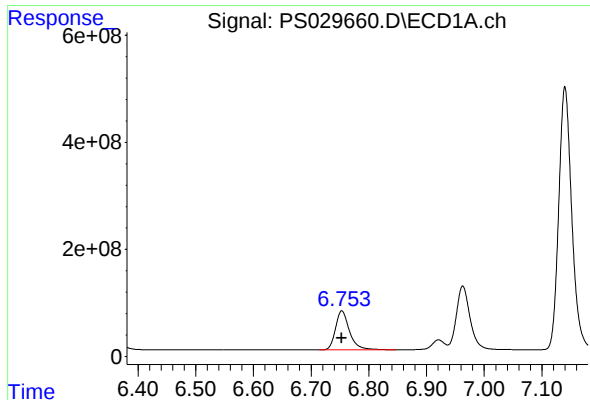
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 2698400361
Conc: 917.55 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 869698084
Conc: 927.06 ng/ml



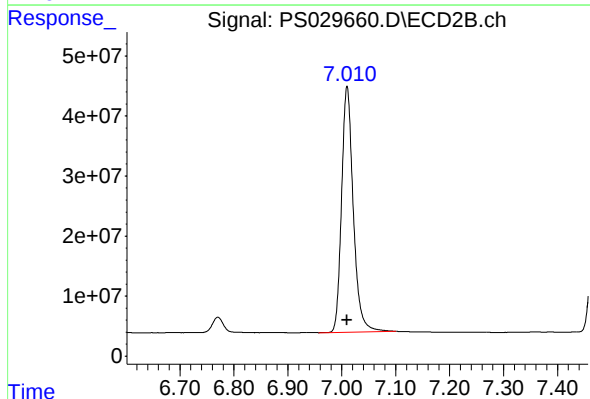
#3 4-Nitrophenol

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 1229408712
Conc: 902.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

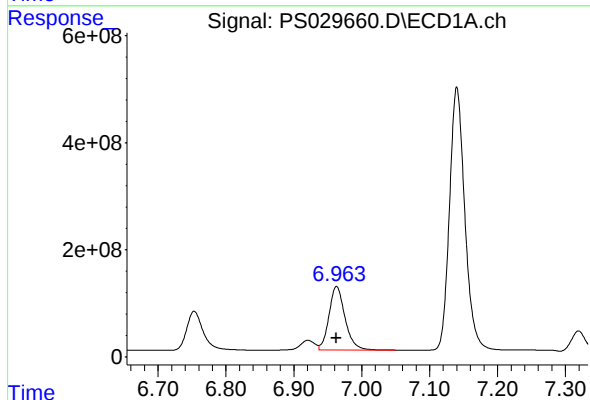
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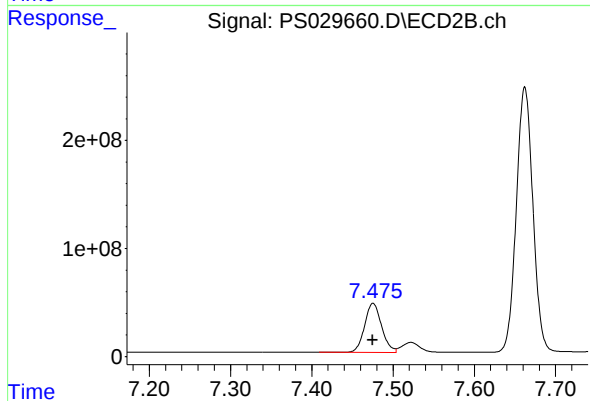
#3 4-Nitrophenol

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 617862993
Conc: 903.98 ng/ml



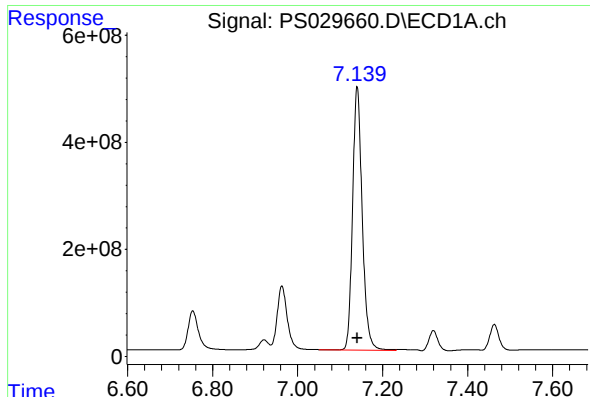
#4 2,4-DCAA

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 1949027966
Conc: 984.69 ng/ml



#4 2,4-DCAA

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 658637284
Conc: 997.78 ng/ml



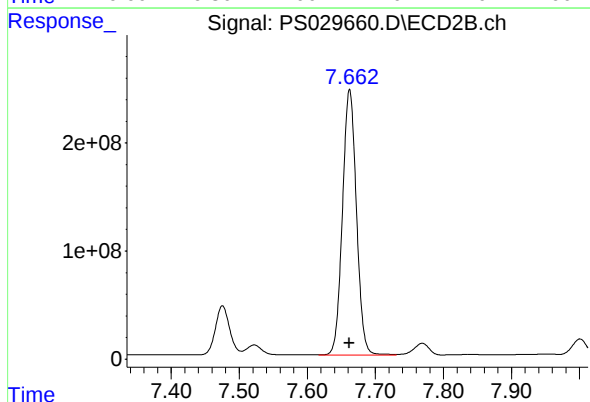
#5 DICAMBA

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 7768270498
Conc: 938.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

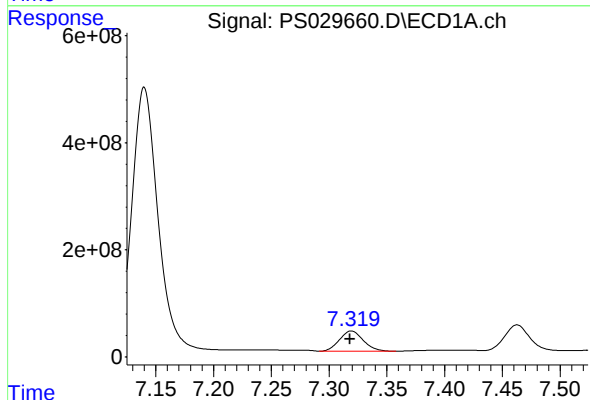
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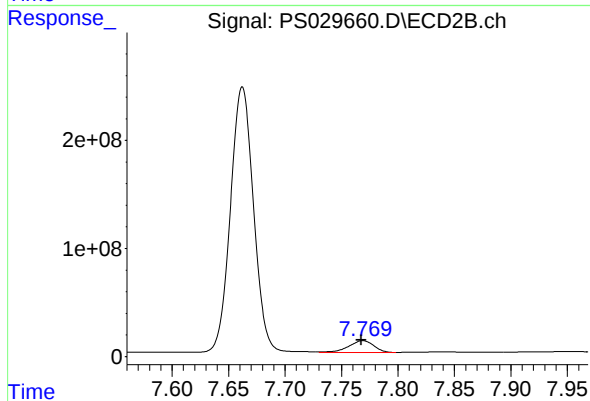
#5 DICAMBA

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 3498905684
Conc: 958.01 ng/ml



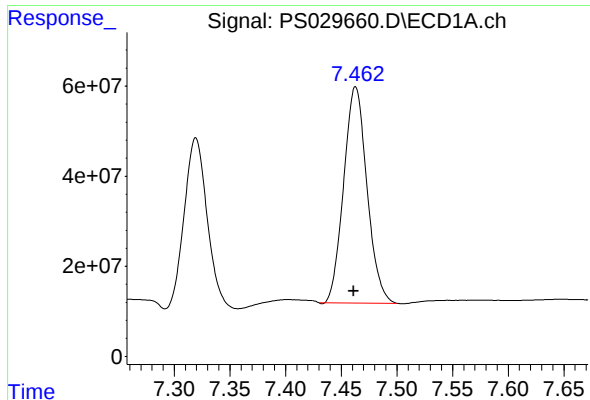
#6 MCP

R.T.: 7.319 min
Delta R.T.: 0.001 min
Response: 543229329
Conc: 98.64 ug/ml



#6 MCP

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 167861106
Conc: 95.86 ug/ml



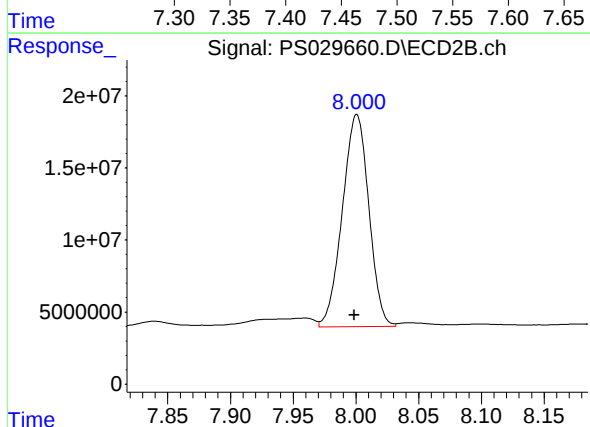
#7 MCPA

R.T.: 7.463 min
Delta R.T.: 0.002 min
Response: 699238388
Conc: 94.77 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

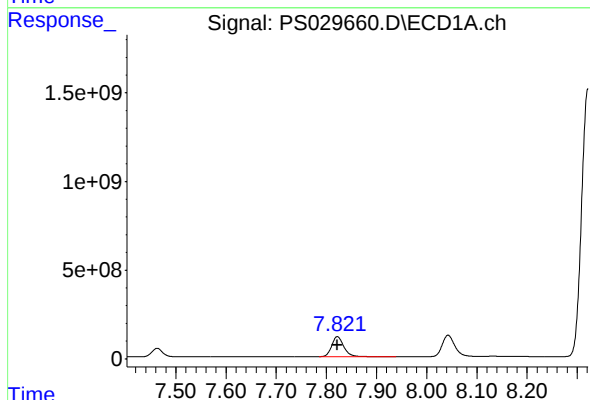
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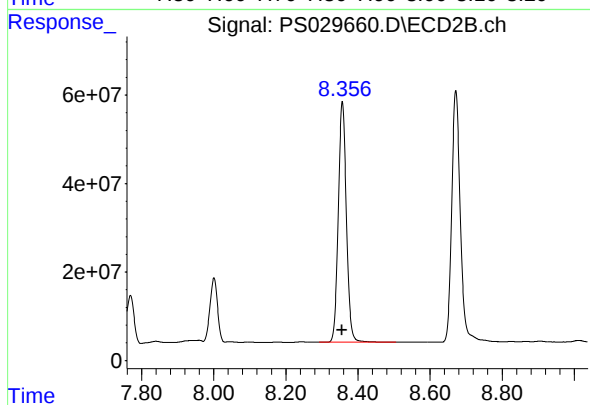
#7 MCPA

R.T.: 8.001 min
Delta R.T.: 0.002 min
Response: 216483308
Conc: 95.27 ug/ml



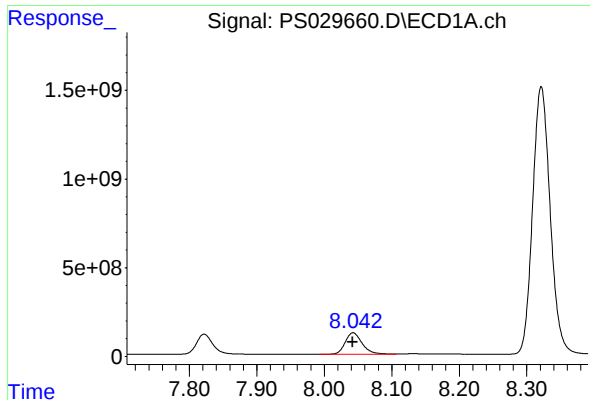
#8 DICHLORPROP

R.T.: 7.822 min
Delta R.T.: 0.000 min
Response: 1904873098
Conc: 921.02 ng/ml



#8 DICHLORPROP

R.T.: 8.357 min
Delta R.T.: 0.000 min
Response: 846033877
Conc: 934.78 ng/ml



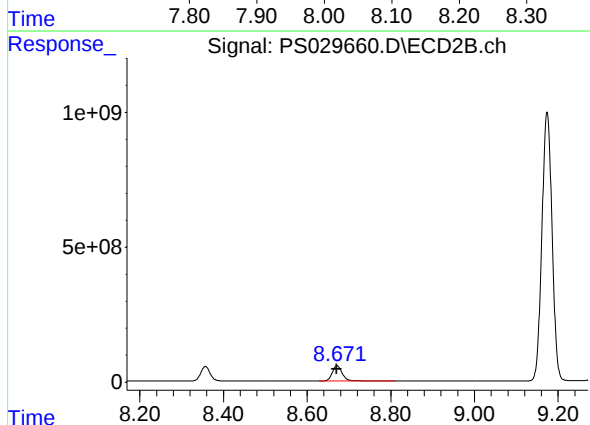
#9 2,4-D

R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 2111960224
Conc: 931.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

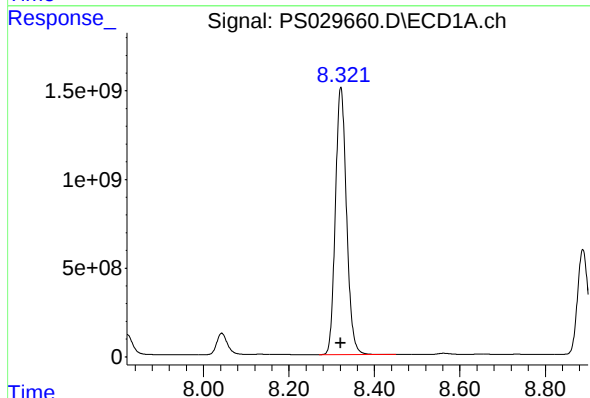
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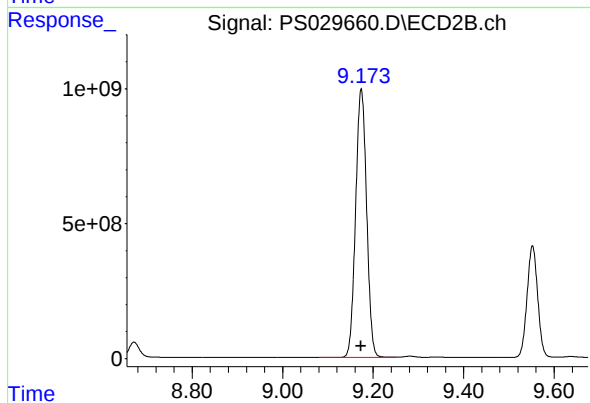
#9 2,4-D

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 943504117
Conc: 940.66 ng/ml



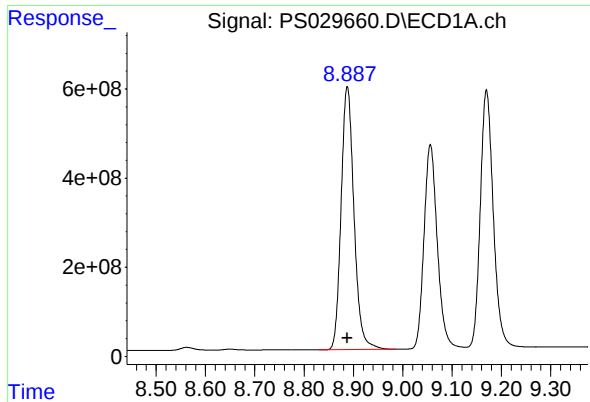
#10 Pentachlorophenol

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 27238310436
Conc: 936.90 ng/ml



#10 Pentachlorophenol

R.T.: 9.174 min
Delta R.T.: 0.000 min
Response: 16770397791
Conc: 946.41 ng/ml



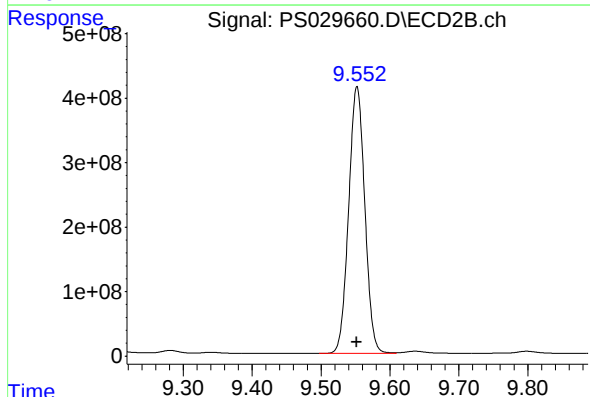
#11 2,4,5-TP (SILVEX)

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 10687262604
Conc: 944.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

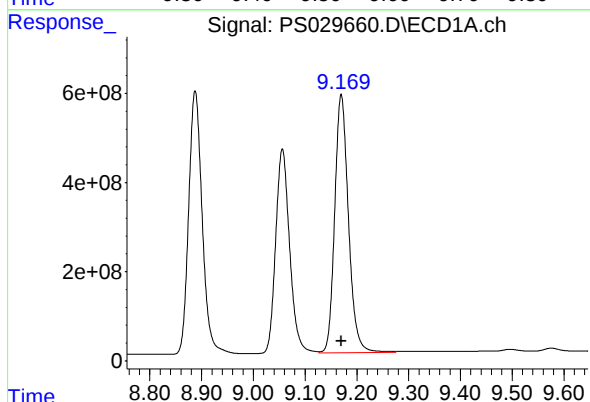
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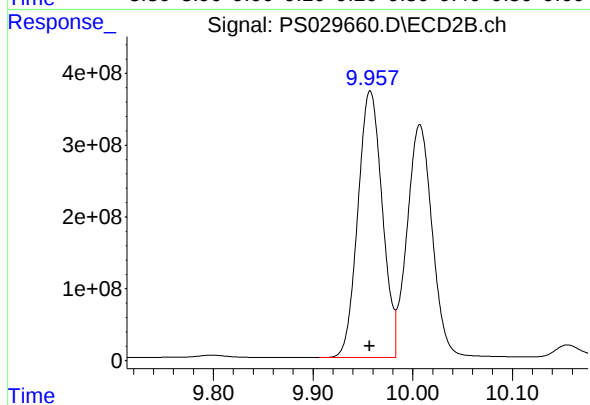
#11 2,4,5-TP (SILVEX)

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 6736269494
Conc: 954.64 ng/ml



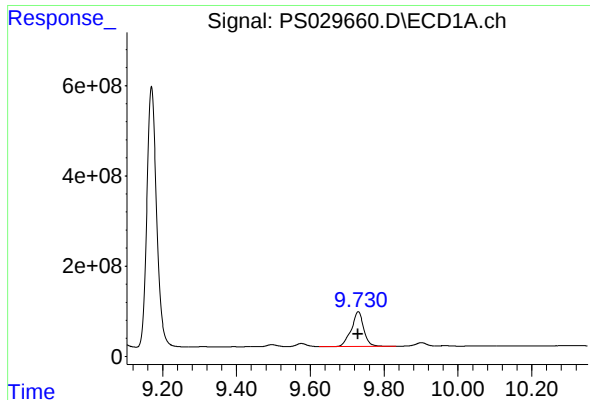
#12 2,4,5-T

R.T.: 9.170 min
Delta R.T.: 0.000 min
Response: 10696948094
Conc: 945.21 ng/ml



#12 2,4,5-T

R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 6311320366
Conc: 955.00 ng/ml



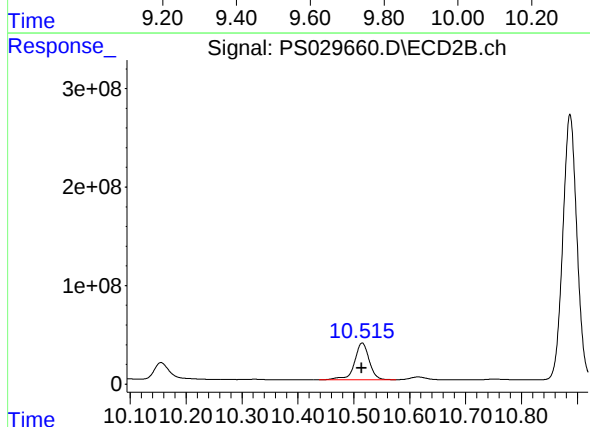
#13 2,4-DB

R.T.: 9.730 min
Delta R.T.: 0.000 min
Response: 1781810233
Conc: 948.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

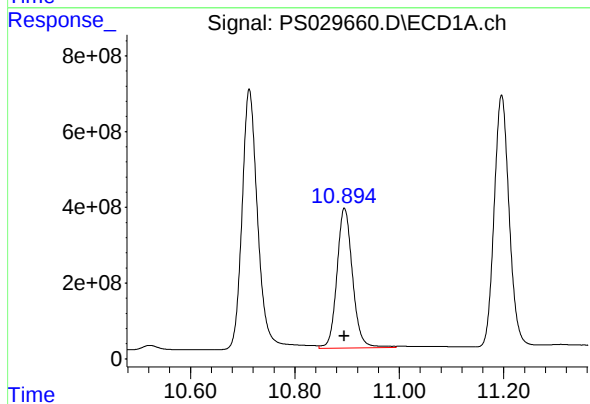
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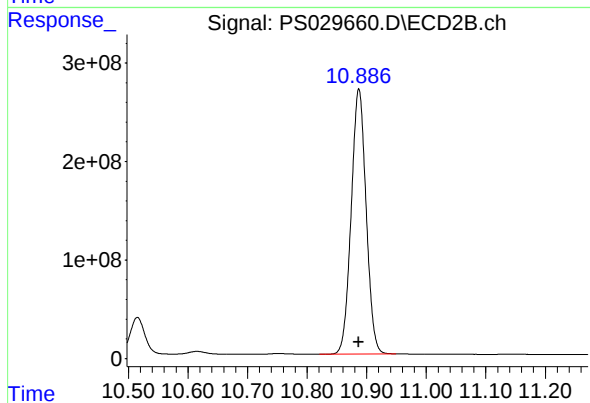
#13 2,4-DB

R.T.: 10.515 min
Delta R.T.: 0.001 min
Response: 690041535
Conc: 965.10 ng/ml



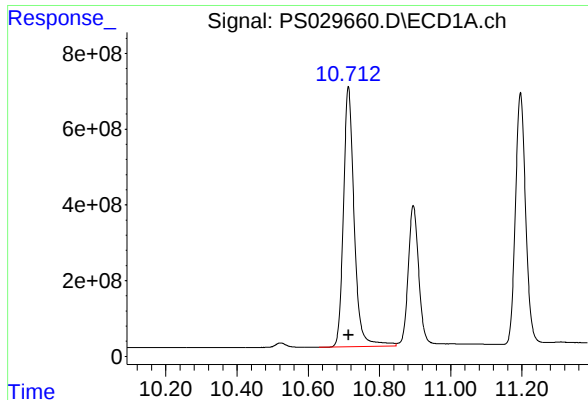
#14 DINOSEB

R.T.: 10.895 min
Delta R.T.: 0.000 min
Response: 7700250924
Conc: 928.27 ng/ml



#14 DINOSEB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 4684339661
Conc: 945.92 ng/ml



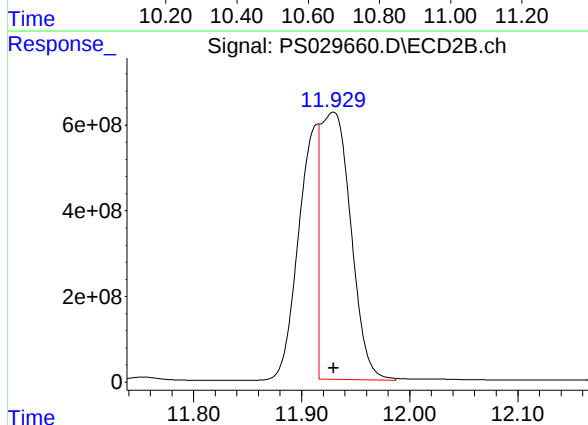
#15 Picloram

R.T.: 10.713 min
Delta R.T.: 0.000 min
Response: 14447241965
Conc: 951.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

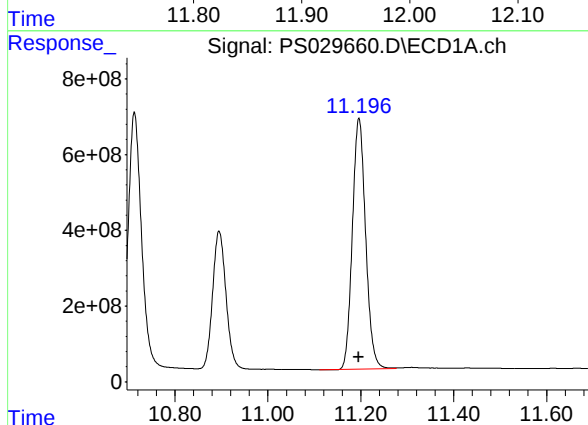
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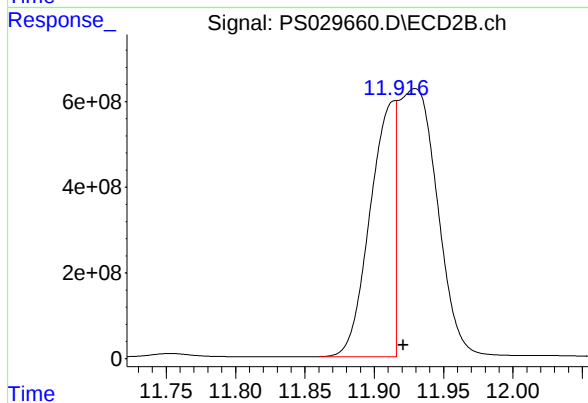
#15 Picloram

R.T.: 11.929 min
Delta R.T.: 0.000 min
Response: 12036880251
Conc: 1085.70 ng/ml m



#16 DCPA

R.T.: 11.196 min
Delta R.T.: 0.000 min
Response: 13124092426
Conc: 953.03 ng/ml



#16 DCPA

R.T.: 11.916 min
Delta R.T.: -0.005 min
Response: 7801908533
Conc: 776.30 ng/ml m