

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
 Data File : PS030859.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2025 01:55
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 02:38:14 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	7.339	7.766	2537.2E6	744.4E6	690.509m	694.472
Target Compounds							
1) T	Dalapon	2.704	2.711	3791.0E6	1743.8E6	635.478	636.001
2) T	3,5-DICHL...	6.499	6.713	3514.8E6	1052.1E6	653.600	652.197
3) T	4-Nitroph...	7.139	7.299	1053.0E6	1097.9E6	667.848	633.323
5) T	DICAMBA	7.529	7.969	10363.9E6	4416.0E6	681.162m	673.863
6) T	MCPD	7.710	8.068	687.6E6	149.0E6	73.243m	71.026
7) T	MCPA	7.861	8.317	807.2E6	212.1E6	68.810	67.410
8) T	DICHLORPROP	8.243	8.688	2379.4E6	997.6E6	635.222	634.382
9) T	2,4-D	8.474	9.022	2349.7E6	1129.1E6	682.180	664.421m
10) T	Pentachlo...	8.781	9.548	37115.7E6	26405.3E6	701.283	692.650
11) T	2,4,5-TP ...	9.362	9.929	14082.7E6	9775.1E6	703.065	677.478
12) T	2,4,5-T	9.655	10.355	12534.5E6	9388.7E6	761.832	687.079
13) T	2,4-DB	10.232	10.922	1842.9E6	790.0E6	803.528m	667.888m
14) T	DINOSEB	11.449	11.307	9446.4E6	6955.2E6	680.907m	645.116
15) T	Picloram	11.260	12.416	13102.2E6	16339.1E6	815.012m	703.017
16) T	DCPA	11.746	12.351	18533.1E6	15224.3E6	723.490	690.669m

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

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Acq On : 28 Jun 2025 01:55
Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

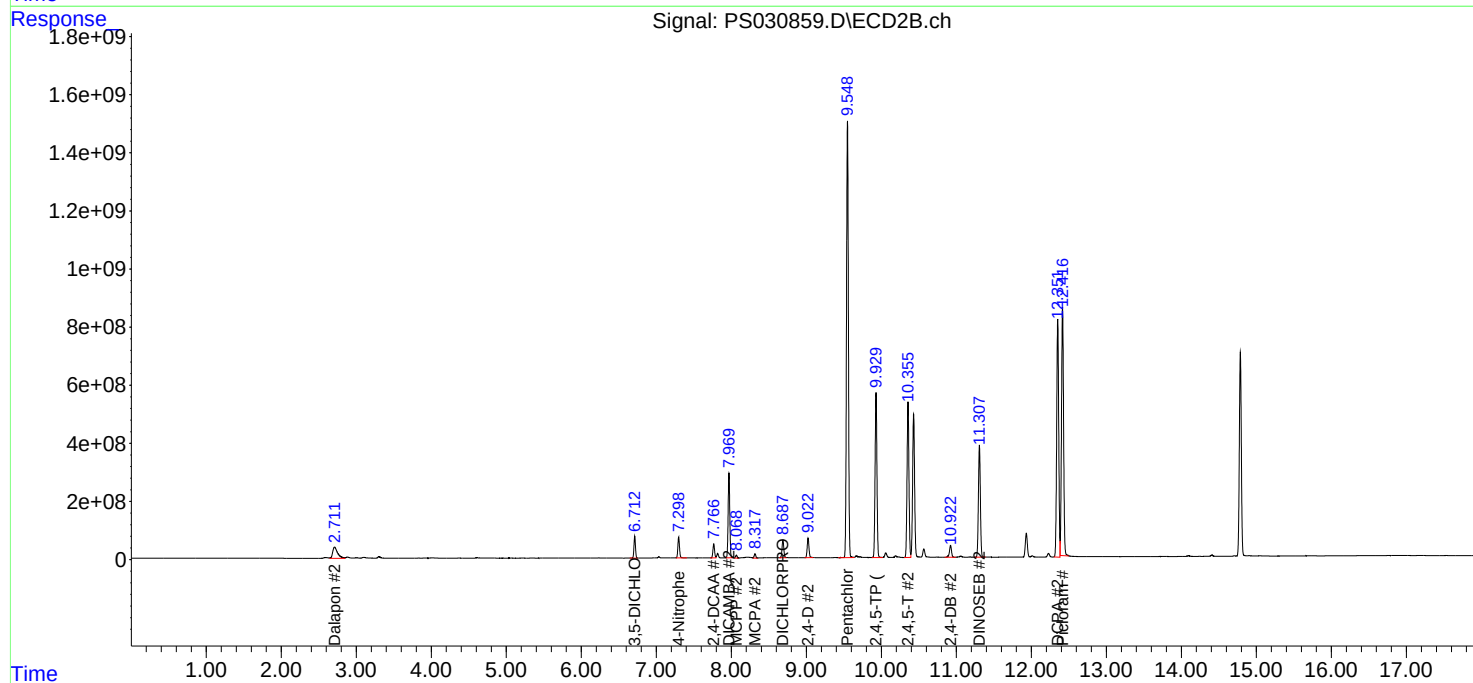
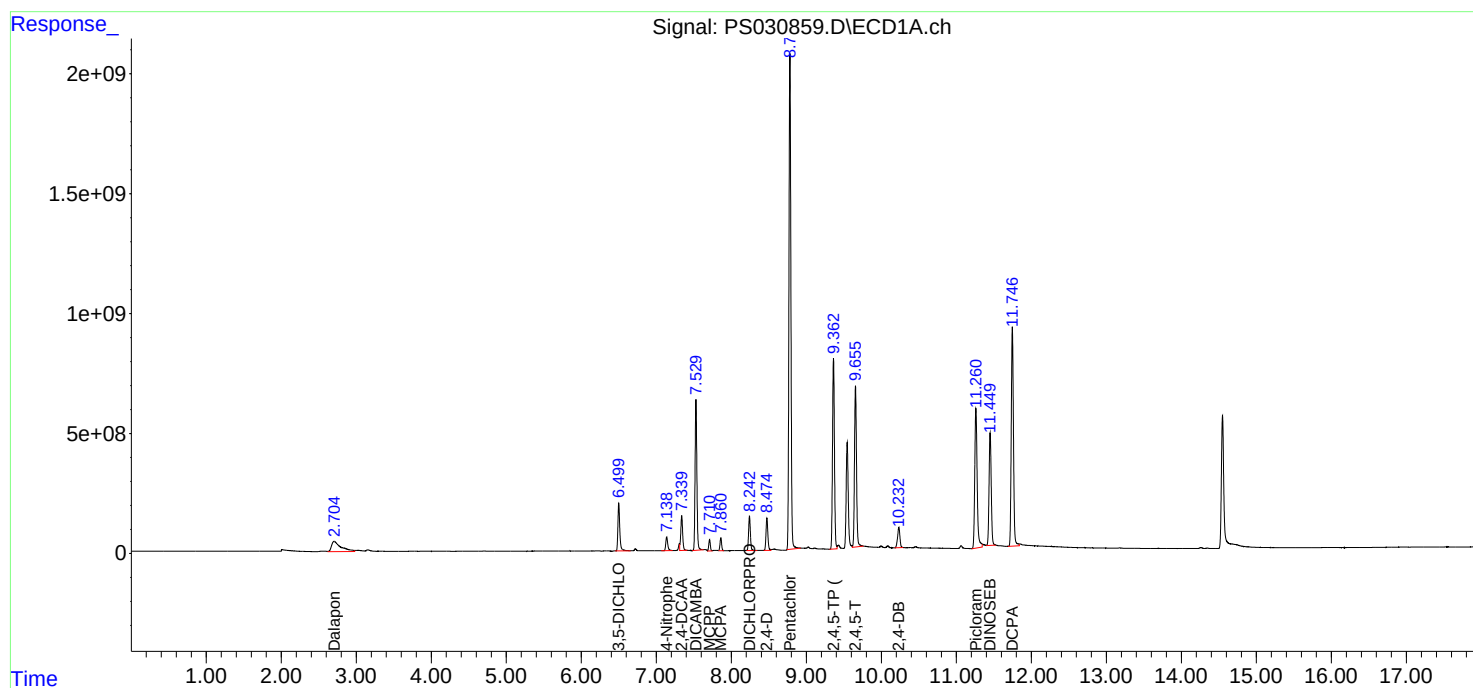
Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

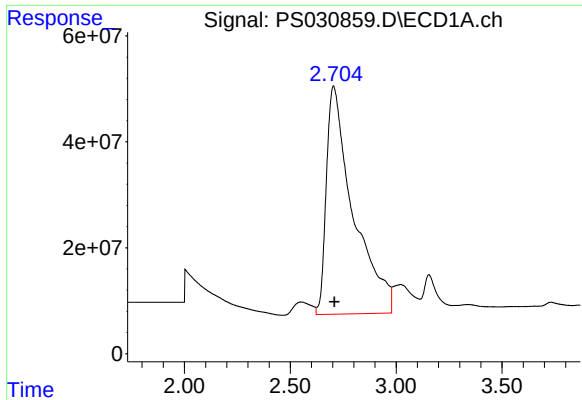
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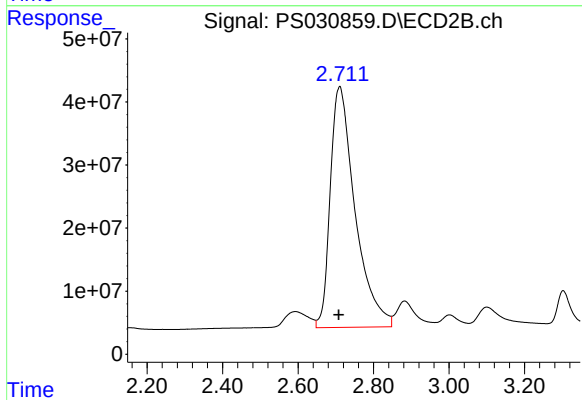
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: -0.004 min
Response: 3791029273
Conc: 635.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

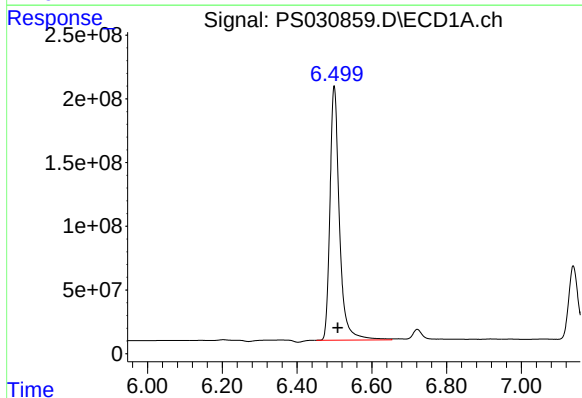
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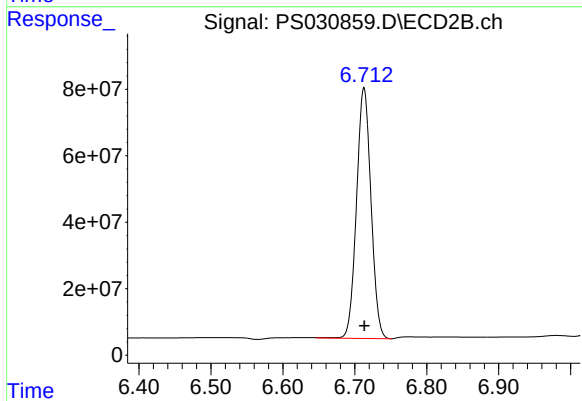
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1743750530
Conc: 636.00 ng/ml



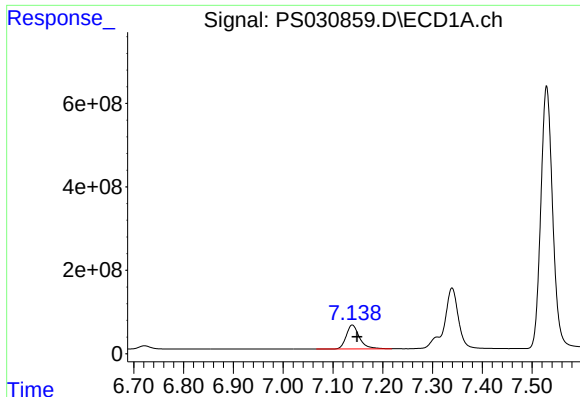
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.499 min
Delta R.T.: -0.009 min
Response: 3514769406
Conc: 653.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1052092240
Conc: 652.20 ng/ml



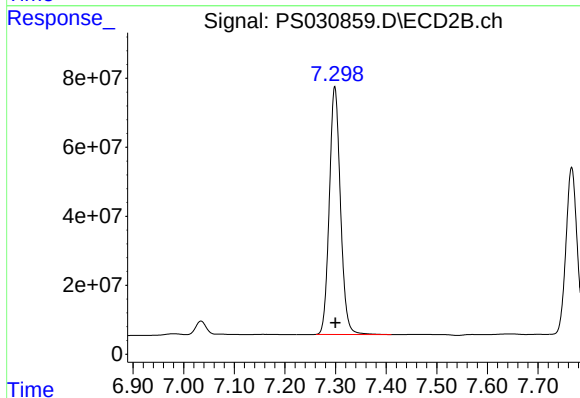
#3 4-Nitrophenol

R.T.: 7.139 min
Delta R.T.: -0.010 min
Response: 1053041639
Conc: 667.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

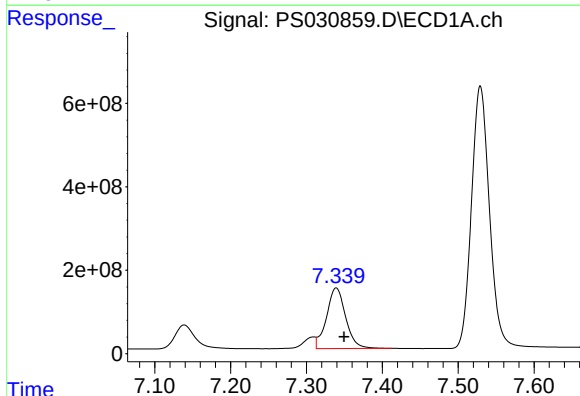
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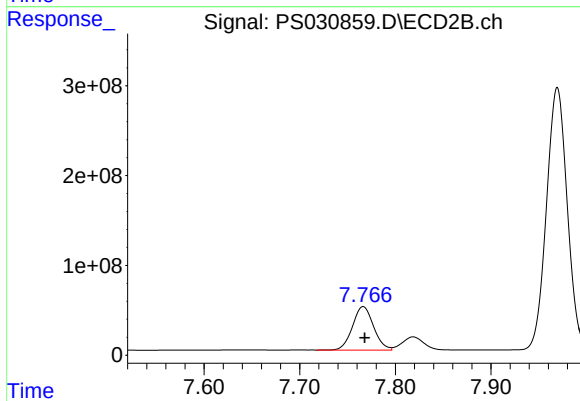
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1097887033
Conc: 633.32 ng/ml



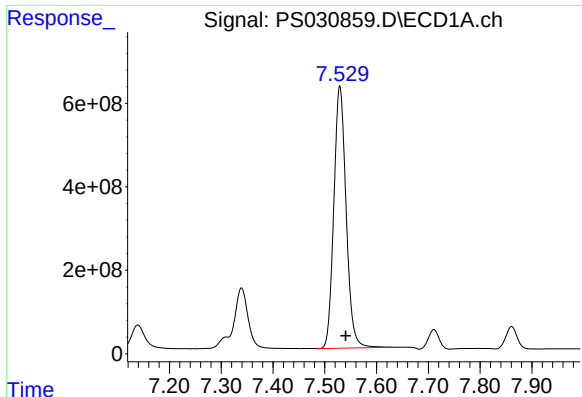
#4 2,4-DCAA

R.T.: 7.339 min
Delta R.T.: -0.011 min
Response: 2537204411
Conc: 690.51 ng/ml m



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.001 min
Response: 744448670
Conc: 694.47 ng/ml



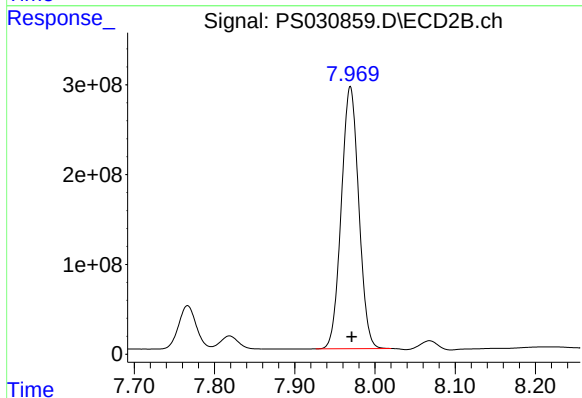
#5 DICAMBA

R.T.: 7.529 min
Delta R.T.: -0.012 min
Response: 10363944177
Conc: 681.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

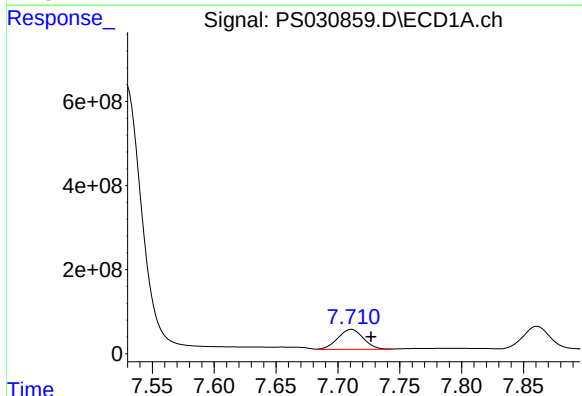
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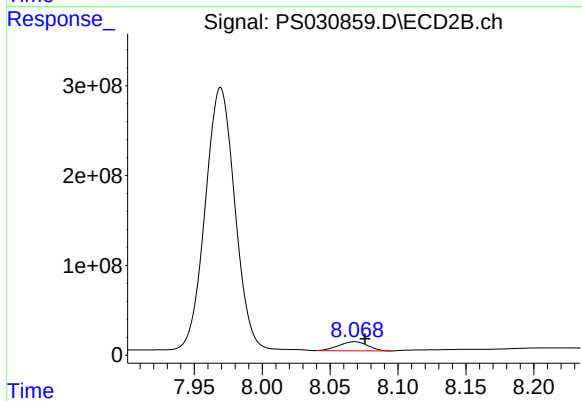
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 4415971908
Conc: 673.86 ng/ml



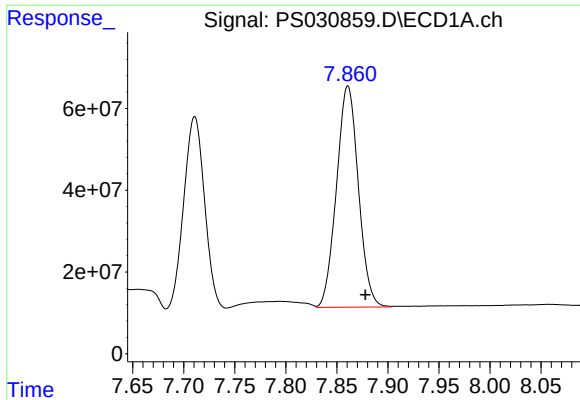
#6 MCP

R.T.: 7.710 min
Delta R.T.: -0.016 min
Response: 687626375
Conc: 73.24 ug/ml m



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 148963926
Conc: 71.03 ug/ml



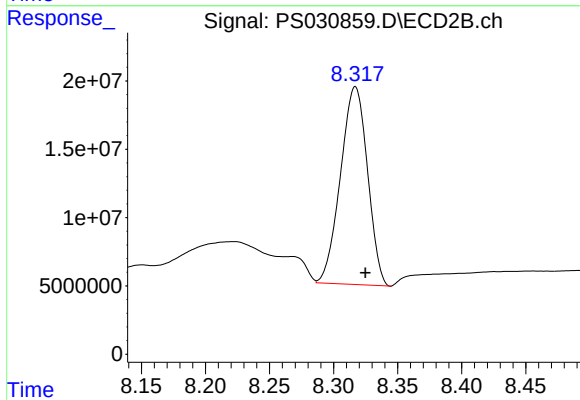
#7 MCPA

R.T.: 7.861 min
Delta R.T.: -0.017 min
Response: 807177773
Conc: 68.81 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

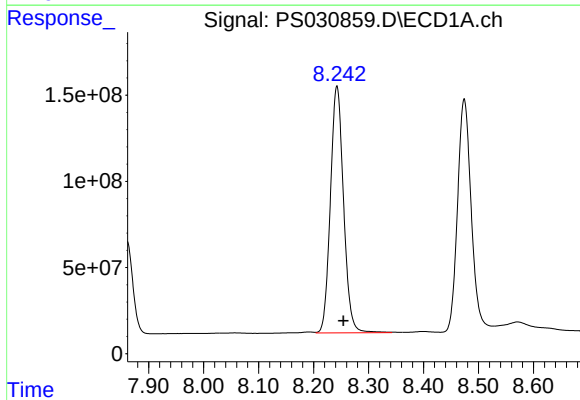
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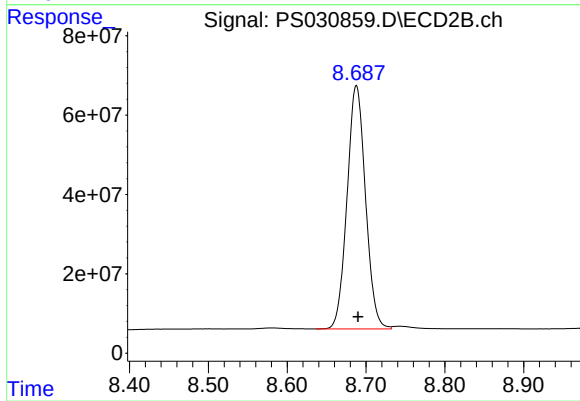
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 212055179
Conc: 67.41 ug/ml



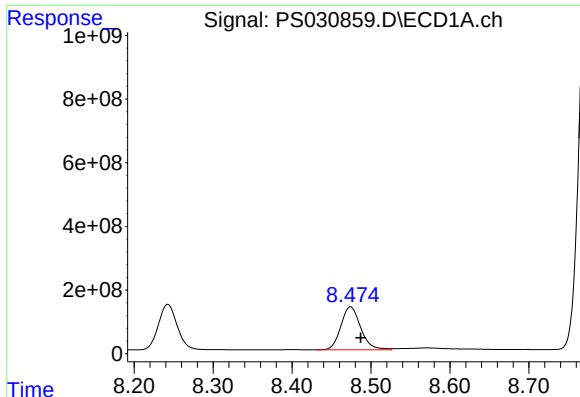
#8 DICHLORPROP

R.T.: 8.243 min
Delta R.T.: -0.012 min
Response: 2379393632
Conc: 635.22 ng/ml



#8 DICHLORPROP

R.T.: 8.688 min
Delta R.T.: -0.002 min
Response: 997562582
Conc: 634.38 ng/ml



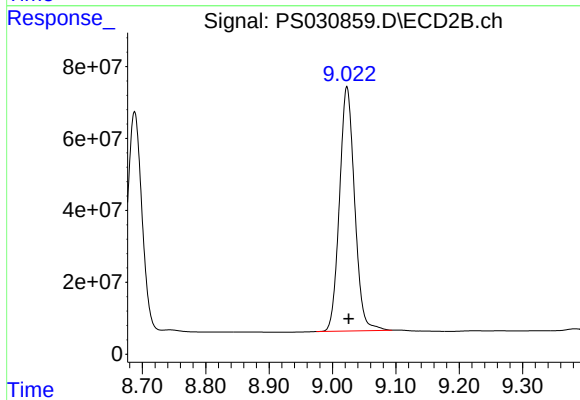
#9 2,4-D

R.T.: 8.474 min
Delta R.T.: -0.013 min
Response: 2349708116
Conc: 682.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

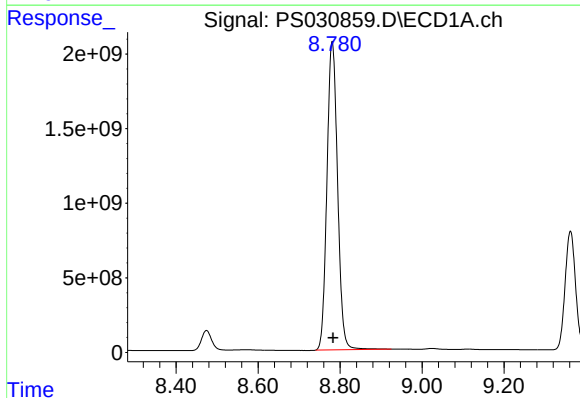
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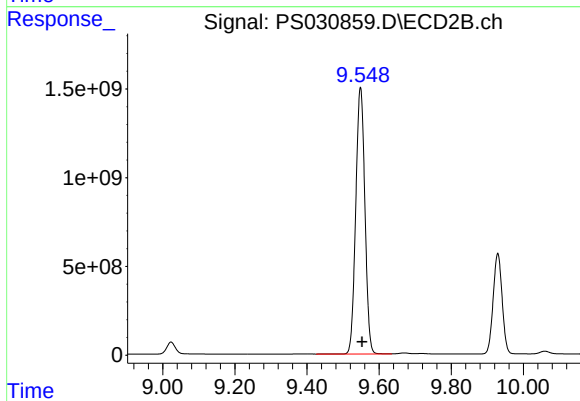
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.003 min
Response: 1129120950
Conc: 664.42 ng/ml m



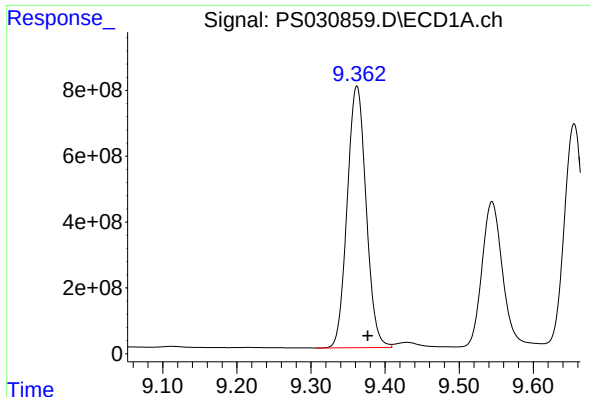
#10 Pentachlorophenol

R.T.: 8.781 min
Delta R.T.: -0.002 min
Response: 37115713128
Conc: 701.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.005 min
Response: 26405266371
Conc: 692.65 ng/ml



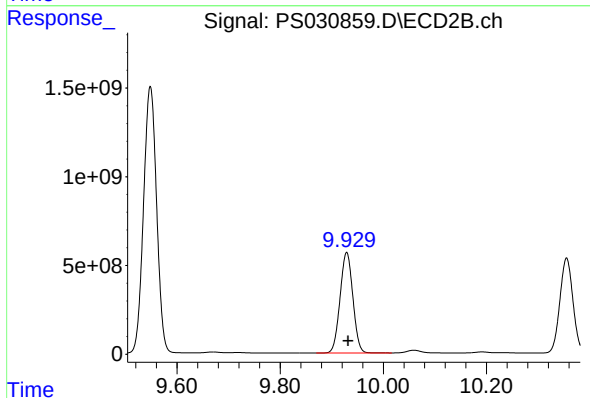
#11 2,4,5-TP (SILVEX)

R.T.: 9.362 min
Delta R.T.: -0.014 min
Response: 14082673862
Conc: 703.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

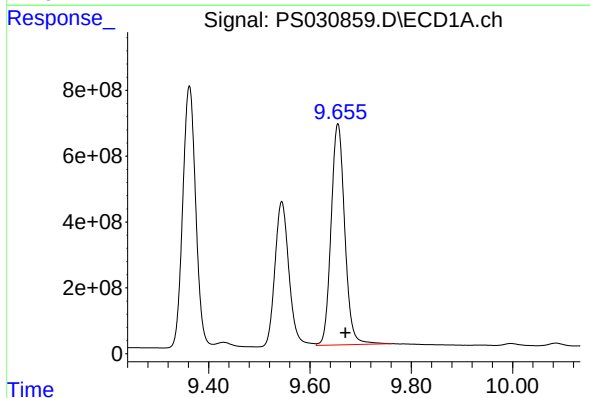
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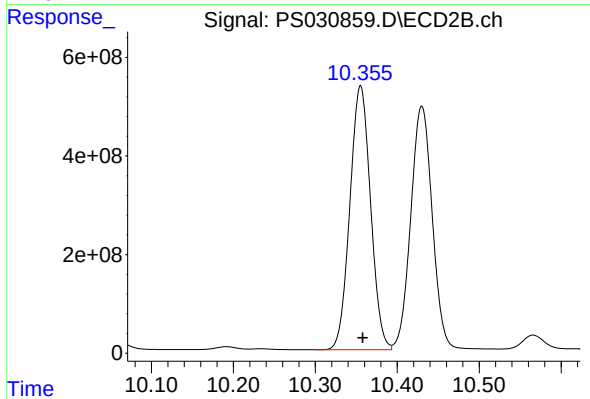
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.003 min
Response: 9775125572
Conc: 677.48 ng/ml



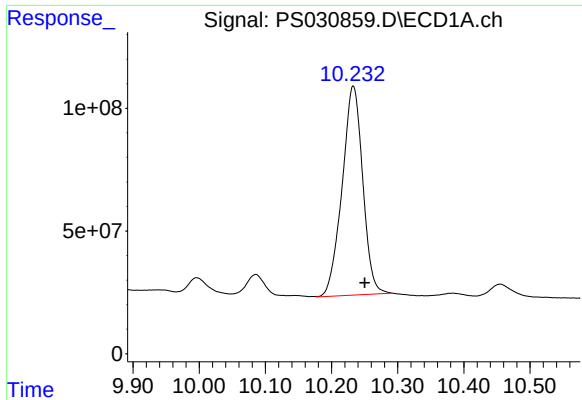
#12 2,4,5-T

R.T.: 9.655 min
Delta R.T.: -0.015 min
Response: 12534534912
Conc: 761.83 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 9388683851
Conc: 687.08 ng/ml



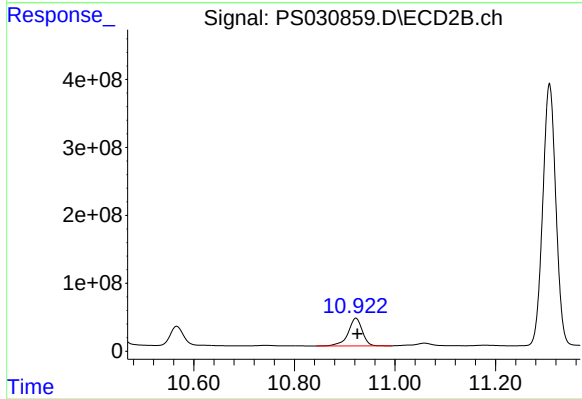
#13 2,4-DB

R.T.: 10.232 min
Delta R.T.: -0.018 min
Response: 1842893807
Conc: 803.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

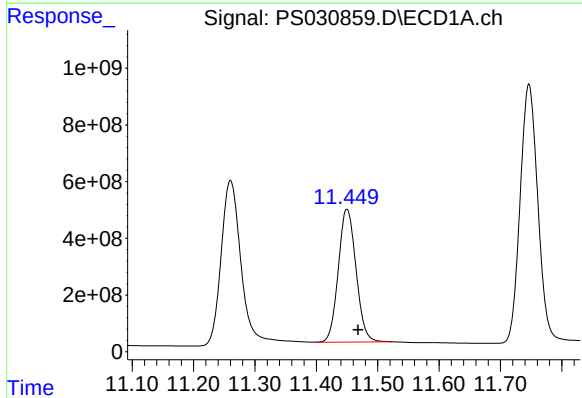
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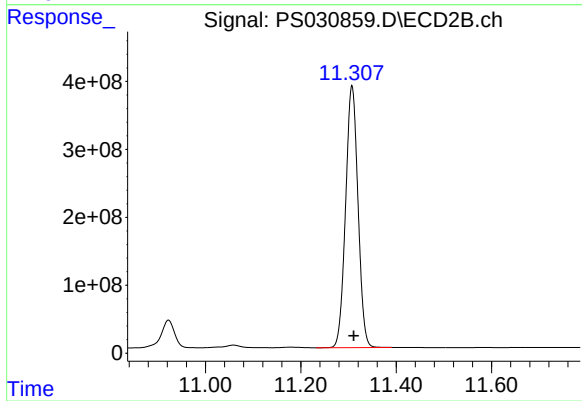
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.003 min
Response: 790046856
Conc: 667.89 ng/ml m



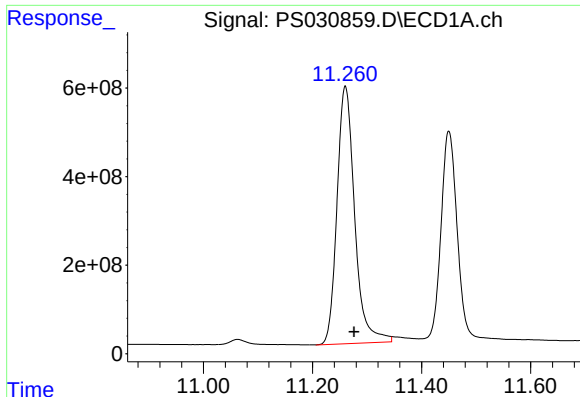
#14 DINOSEB

R.T.: 11.449 min
Delta R.T.: -0.019 min
Response: 9446350680
Conc: 680.91 ng/ml m



#14 DINOSEB

R.T.: 11.307 min
Delta R.T.: -0.004 min
Response: 6955157138
Conc: 645.12 ng/ml



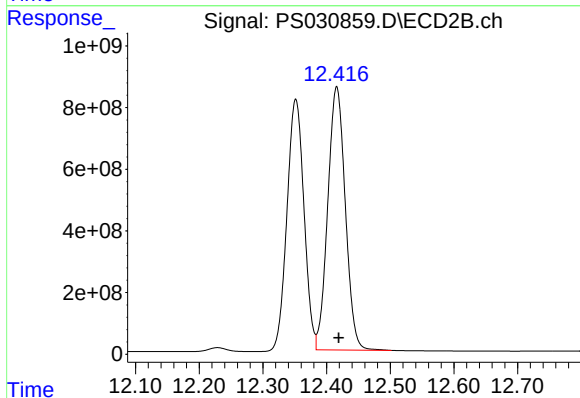
#15 Picloram

R.T.: 11.260 min
Delta R.T.: -0.017 min
Response: 13102229222
Conc: 815.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

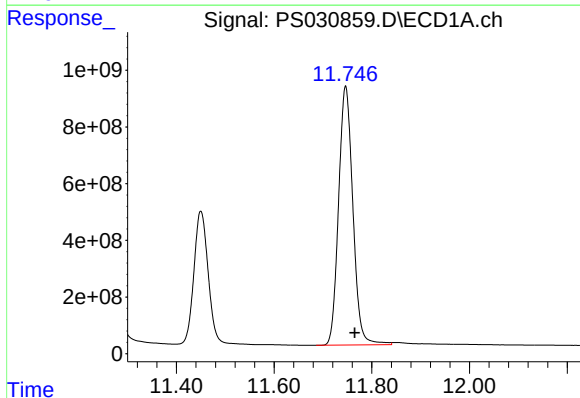
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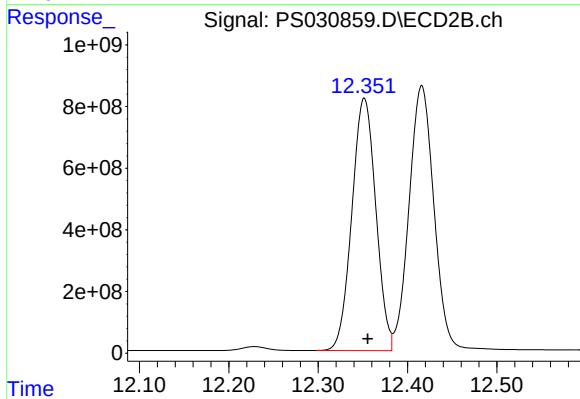
#15 Picloram

R.T.: 12.416 min
Delta R.T.: -0.003 min
Response: 16339123021
Conc: 703.02 ng/ml



#16 DCPA

R.T.: 11.746 min
Delta R.T.: -0.019 min
Response: 18533100987
Conc: 723.49 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.004 min
Response: 15224273744
Conc: 690.67 ng/ml m