

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081525\
 Data File : PS031462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 20:41
 Operator : AR\AJ
 Sample : Q2832-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TG-S01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/18/2025
 Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 03:49:05 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	7.289	7.743	2456.8E6	740.2E6	774.039	875.567
Target Compounds							
1) T	Dalapon	2.677	2.698	3052.8E6	1458.5E6	581.605	548.095
2) T	3,5-DICHL...	6.457	6.695	2444.5E6	618.9E6	518.090	457.807
3) T	4-Nitroph...	7.102	7.308	18021383	26219699	17.468m	20.861m
5) T	DICAMBA	7.475	7.942	6803.0E6	2742.1E6	487.092	482.543
6) T	MCPD	7.654	8.041	549.5E6	112.9E6	68.300	63.840
7) T	MCPA	7.804	8.289	832.9E6	226.5E6	83.616	80.719
8) T	DICHLORPROP	8.182	8.660	2254.7E6	883.6E6	710.732	661.840
9) T	2,4-D	8.416	8.998	2636.7E6	1187.6E6	916.520	832.073
10) T	Pentachlo...	8.715	9.513	24773.9E6	16593.7E6	515.990	476.442
11) T	2,4,5-TP ...	9.292	9.896	13562.4E6	9984.4E6	756.675	761.238m
12) T	2,4,5-T	9.588	10.324	12396.3E6	9015.1E6	846.092	761.424
13) T	2,4-DB	10.163	10.891	1614.5E6	725.9E6	840.143	752.371
14) T	DINOSEB	11.365	11.272	5331.9E6	3479.1E6	420.551	367.890
15) T	Picloram	11.189	12.388	7071.9E6	8778.5E6	541.734	500.776
16) T	DCPA	11.663	12.313	11966.4E6	10688.7E6	525.319	542.563

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

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Operator : AR\AJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

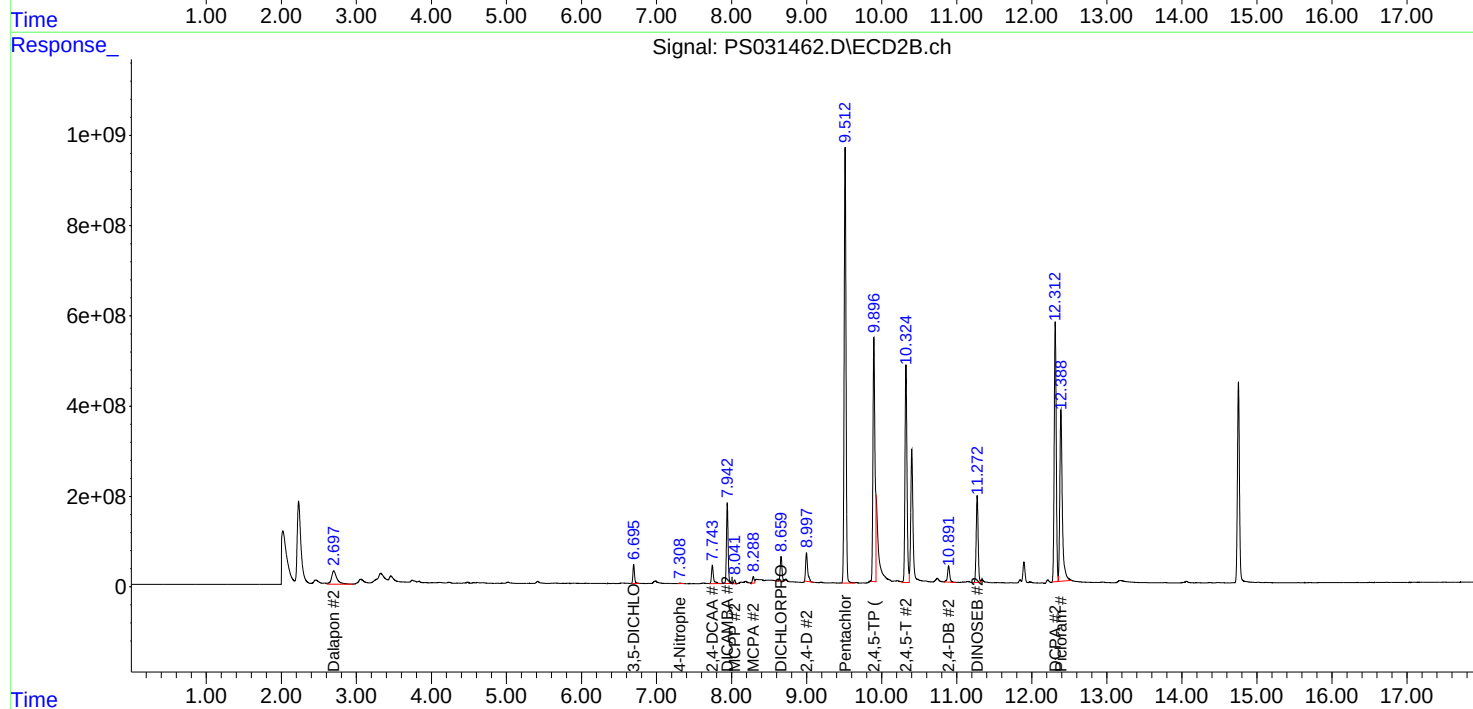
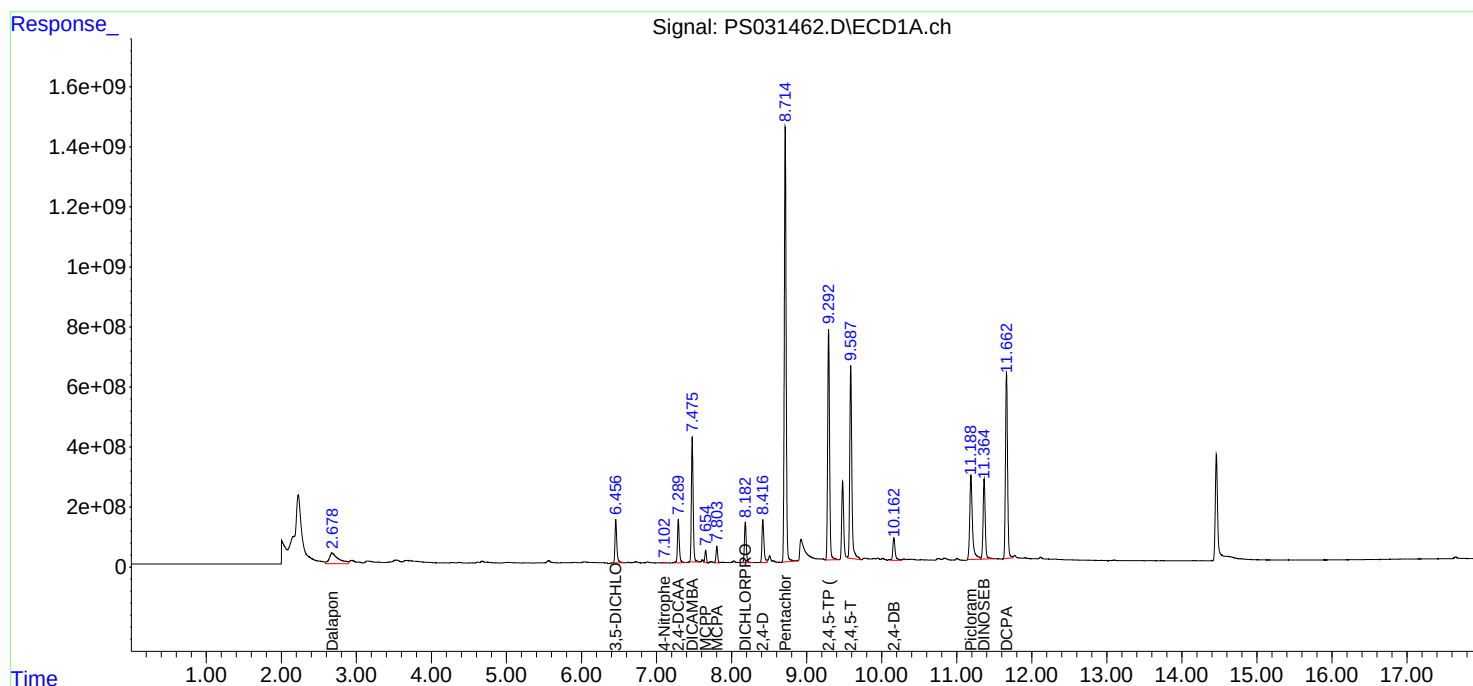
Instrument :
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ClientSampleId :
TG-S01MS

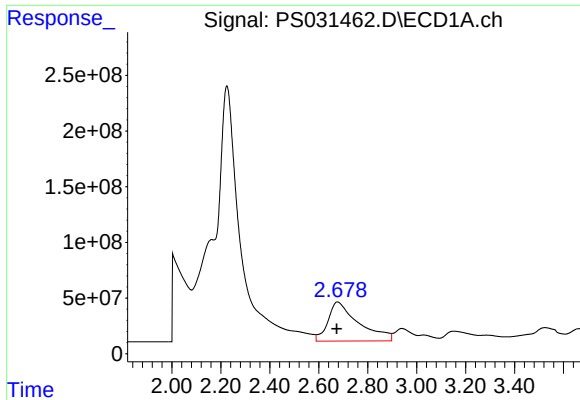
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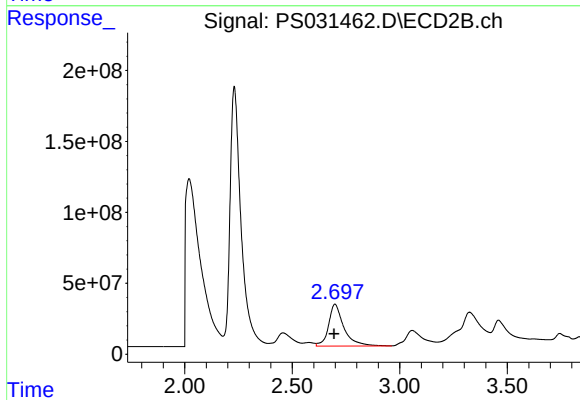
#1 Dalapon

R.T.: 2.677 min
Delta R.T.: 0.003 min
Response: 3052809014
Conc: 581.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MS

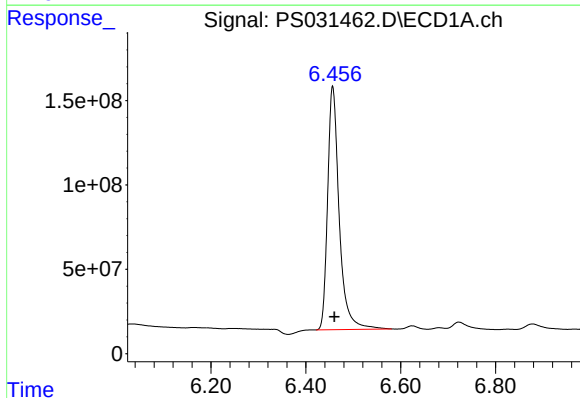
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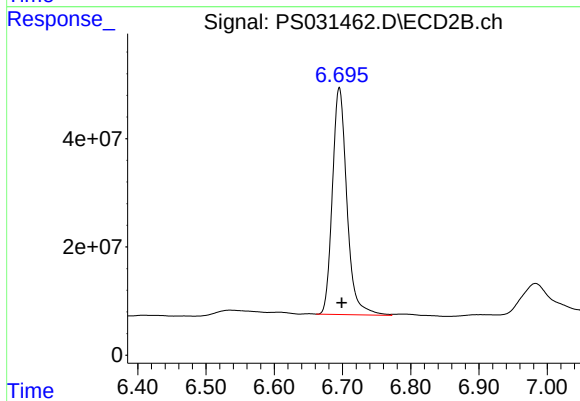
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: 0.004 min
Response: 1458487602
Conc: 548.10 ng/ml



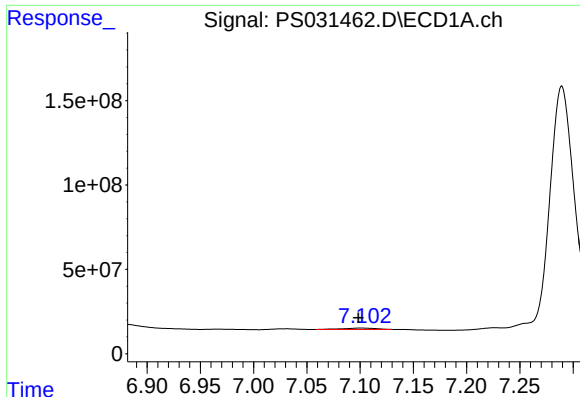
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: -0.004 min
Response: 2444510534
Conc: 518.09 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.695 min
Delta R.T.: -0.003 min
Response: 618923401
Conc: 457.81 ng/ml



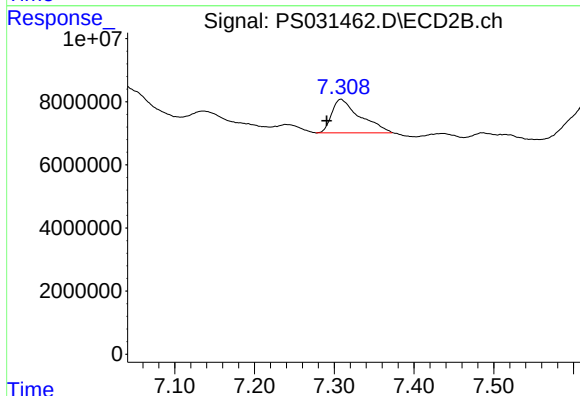
#3 4-Nitrophenol

R.T.: 7.102 min
Delta R.T.: 0.003 min
Response: 18021383
Conc: 17.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MS

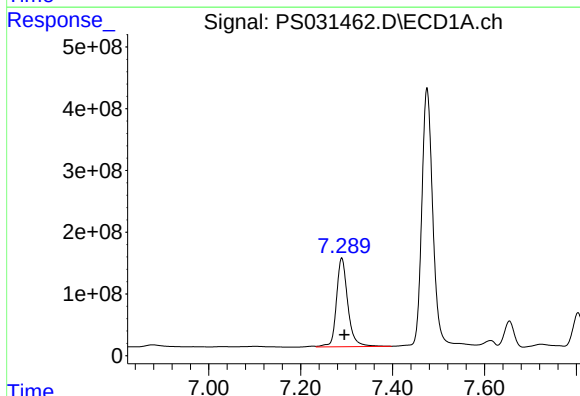
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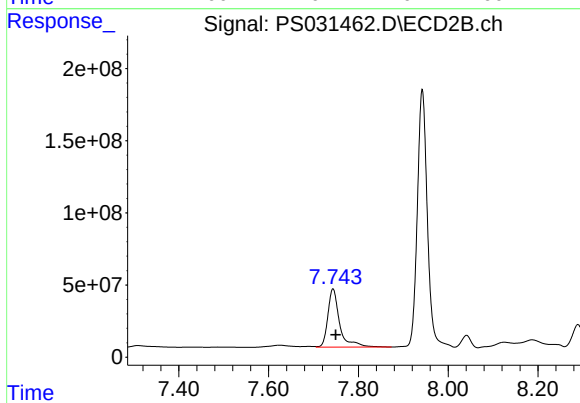
#3 4-Nitrophenol

R.T.: 7.308 min
Delta R.T.: 0.017 min
Response: 26219699
Conc: 20.86 ng/ml m



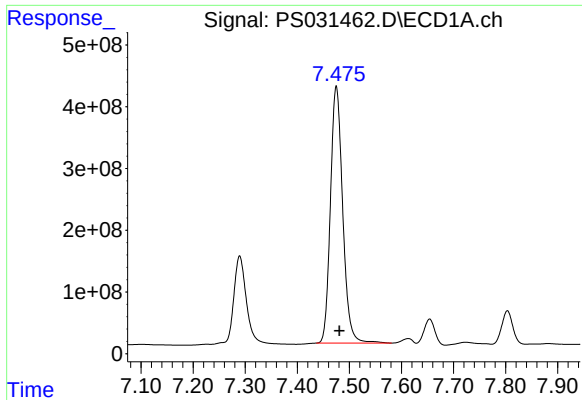
#4 2,4-DCAA

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 2456791266
Conc: 774.04 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 740151971
Conc: 875.57 ng/ml



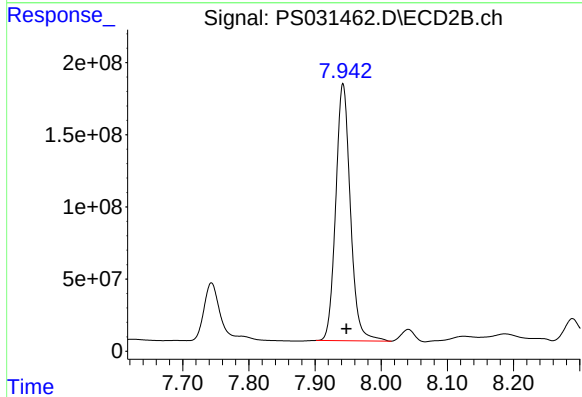
#5 DICAMBA

R.T.: 7.475 min
Delta R.T.: -0.006 min
Response: 6802950263
Conc: 487.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MS

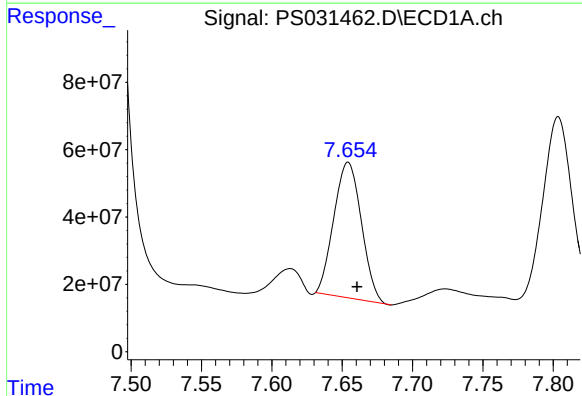
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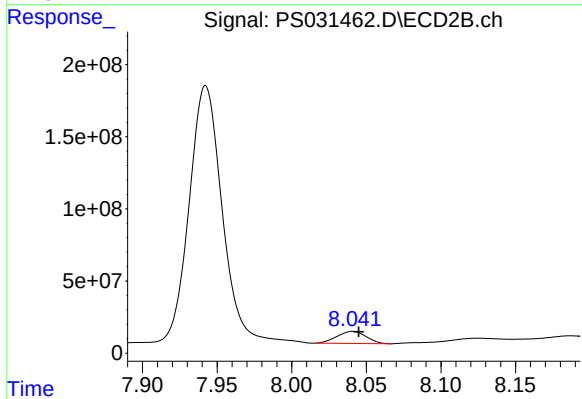
#5 DICAMBA

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 2742139524
Conc: 482.54 ng/ml



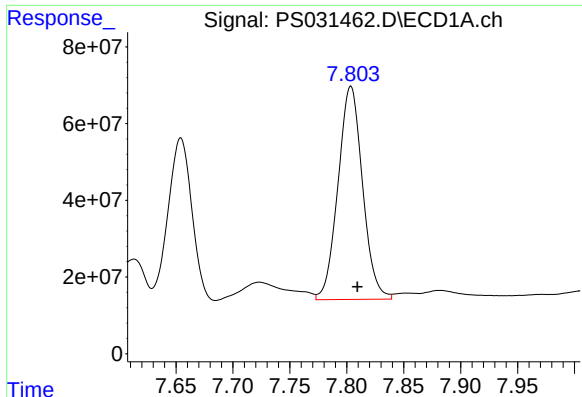
#6 MCPP

R.T.: 7.654 min
Delta R.T.: -0.006 min
Response: 549460817
Conc: 68.30 ug/ml



#6 MCPP

R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 112858598
Conc: 63.84 ug/ml



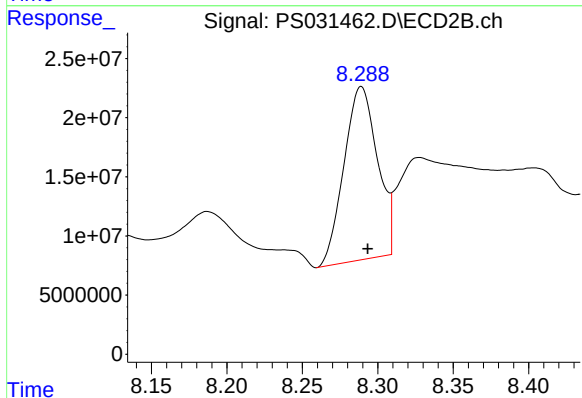
#7 MCPA

R.T.: 7.804 min
Delta R.T.: -0.006 min
Response: 832920162
Conc: 83.62 ug/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MS

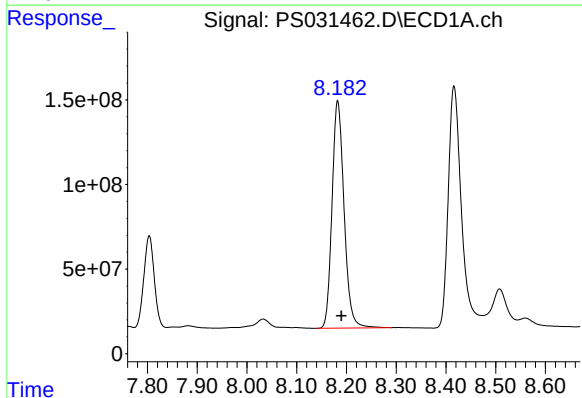
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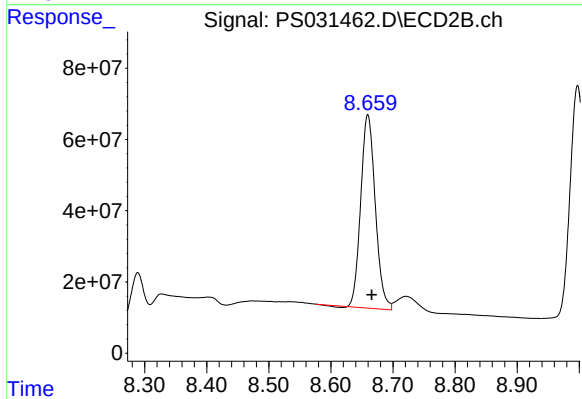
#7 MCPA

R.T.: 8.289 min
Delta R.T.: -0.004 min
Response: 226458424
Conc: 80.72 ug/ml



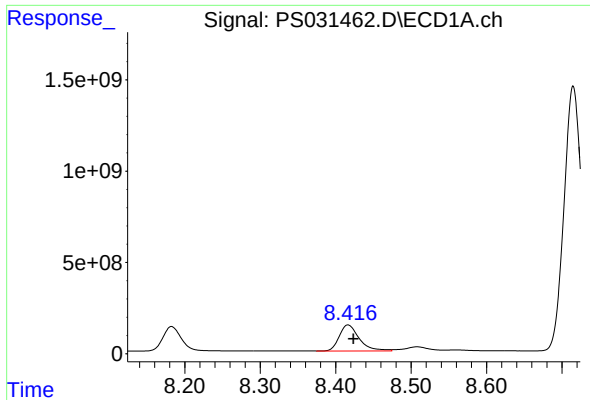
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: -0.007 min
Response: 2254748404
Conc: 710.73 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: -0.006 min
Response: 883577926
Conc: 661.84 ng/ml



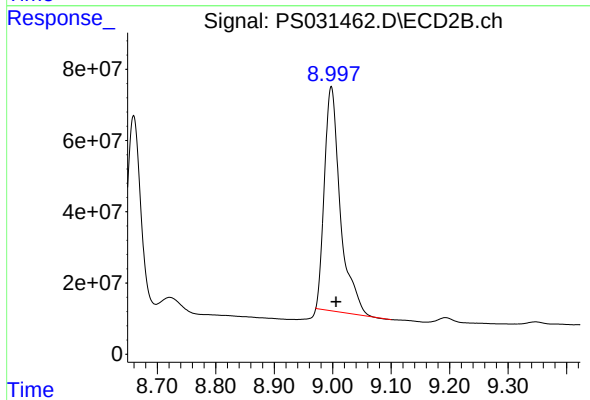
#9 2,4-D

R.T.: 8.416 min
Delta R.T.: -0.007 min
Response: 2636657617
Conc: 916.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MS

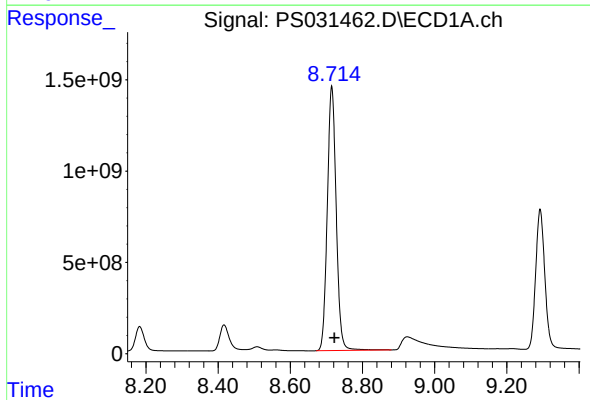
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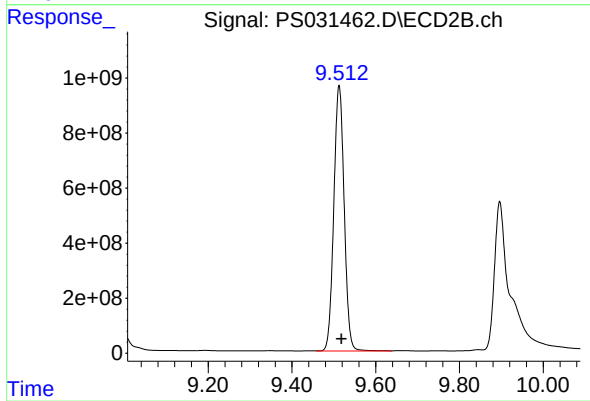
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: -0.008 min
Response: 1187607488
Conc: 832.07 ng/ml



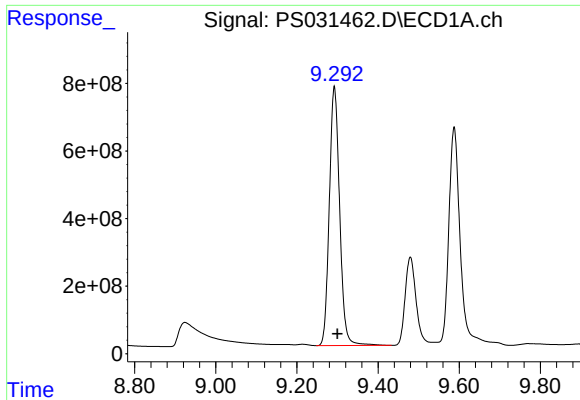
#10 Pentachlorophenol

R.T.: 8.715 min
Delta R.T.: -0.007 min
Response: 24773924748
Conc: 515.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.513 min
Delta R.T.: -0.006 min
Response: 16593717568
Conc: 476.44 ng/ml



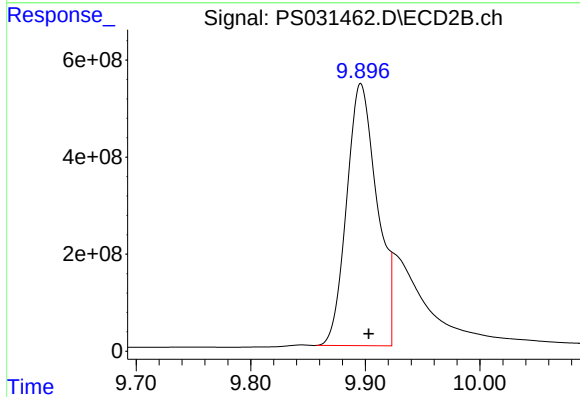
#11 2,4,5-TP (SILVEX)

R.T.: 9.292 min
Delta R.T.: -0.008 min
Response: 13562422162
Conc: 756.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MS

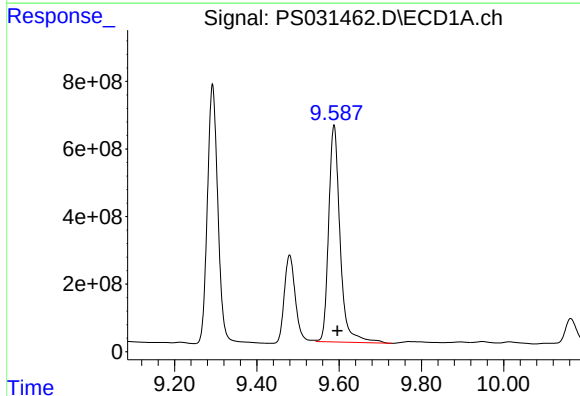
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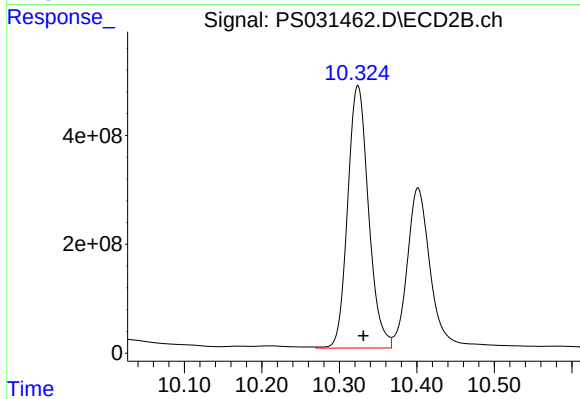
#11 2,4,5-TP (SILVEX)

R.T.: 9.896 min
Delta R.T.: -0.007 min
Response: 9984418404
Conc: 761.24 ng/ml m



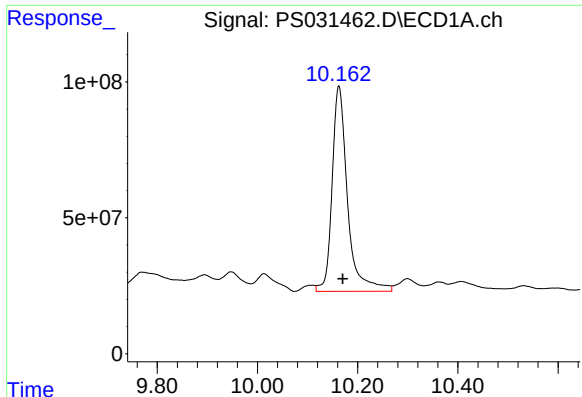
#12 2,4,5-T

R.T.: 9.588 min
Delta R.T.: -0.008 min
Response: 12396290535
Conc: 846.09 ng/ml



#12 2,4,5-T

R.T.: 10.324 min
Delta R.T.: -0.007 min
Response: 9015082966
Conc: 761.42 ng/ml



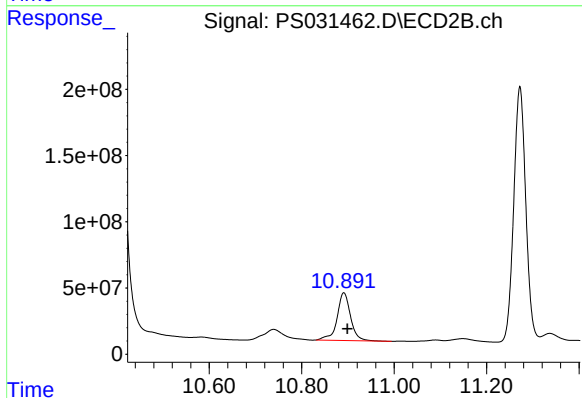
#13 2,4-DB

R.T.: 10.163 min
Delta R.T.: -0.007 min
Response: 1614519587
Conc: 840.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
TG-S01MS

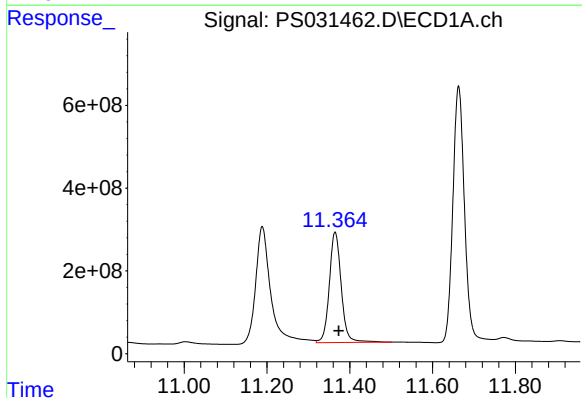
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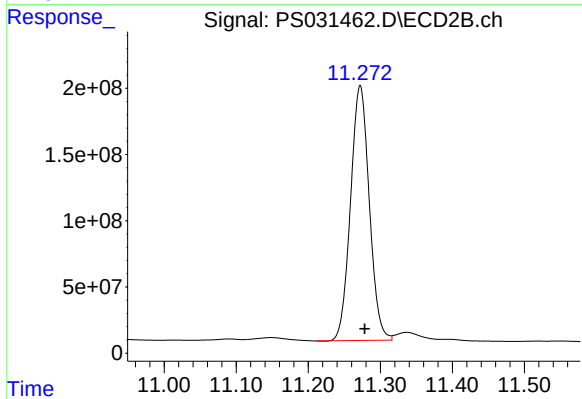
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: -0.008 min
Response: 725922195
Conc: 752.37 ng/ml



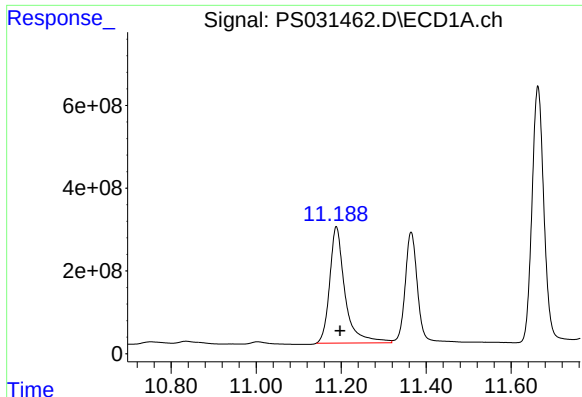
#14 DINOSEB

R.T.: 11.365 min
Delta R.T.: -0.009 min
Response: 5331949822
Conc: 420.55 ng/ml



#14 DINOSEB

R.T.: 11.272 min
Delta R.T.: -0.006 min
Response: 3479113564
Conc: 367.89 ng/ml



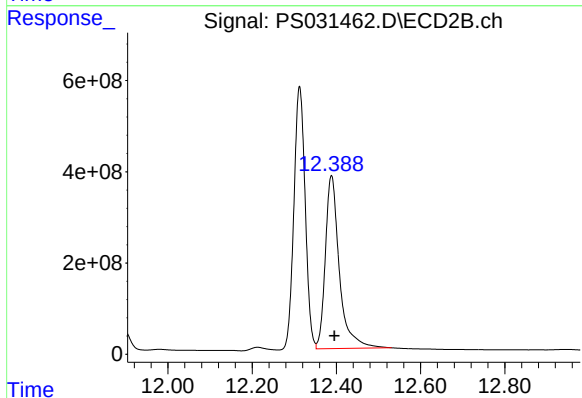
#15 Picloram

R.T.: 11.189 min
Delta R.T.: -0.008 min
Response: 7071881923
Conc: 541.73 ng/ml

Instrument :
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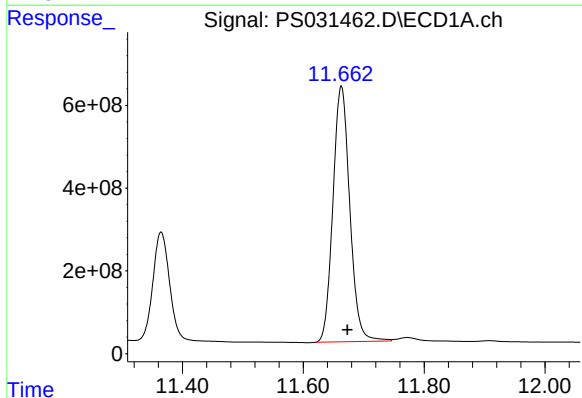
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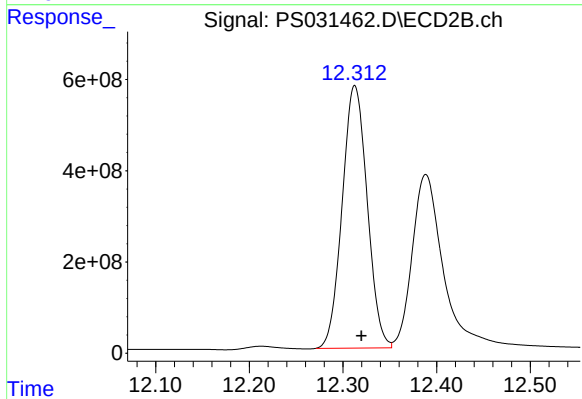
#15 Picloram

R.T.: 12.388 min
Delta R.T.: -0.007 min
Response: 8778473195
Conc: 500.78 ng/ml



#16 DCPA

R.T.: 11.663 min
Delta R.T.: -0.010 min
Response: 11966421153
Conc: 525.32 ng/ml



#16 DCPA

R.T.: 12.313 min
Delta R.T.: -0.007 min
Response: 10688708087
Conc: 542.56 ng/ml