

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
 Data File : PS031038.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 20:46
 Operator : AR\AJ
 Sample : Q2489-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 G4(0-6)MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/16/2025
 Supervised By : mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 02:50:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.328	7.766	2515.8E6	534.5E6	636.095	515.923m
Target Compounds							
1) T	Dalapon	2.690	2.703	3167.6E6	1752.8E6	519.980m	616.545m
2) T	3,5-DICHL...	6.491	6.714	2254.9E6	616.9E6	430.435	397.893
3) T	4-Nitroph...	7.129	7.317	34136768	44253616	25.286m	25.376
5) T	DICAMBA	7.518	7.969	6087.8E6	2461.2E6	387.981	380.020m
6) T	MCPD	7.697	8.067	335.7E6	73868397	36.484	34.551
7) T	MCPA	7.847	8.314	455.9E6	149.2E6	41.798	46.537m
8) T	DICHLORPROP	8.229	8.687	1598.0E6	622.1E6	469.295m	409.484m
9) T	2,4-D	8.461	9.024	1690.8E6	840.7E6	549.233m	494.707
10) T	Pentachlo...	8.768	9.549	21403.8E6	13874.5E6	425.849	360.048
11) T	2,4,5-TP ...	9.347	9.930	10333.1E6	8756.8E6	555.222	596.683
12) T	2,4,5-T	9.641	10.357	8150.5E6	5900.4E6	535.749m	421.702
13) T	2,4-DB	10.218	10.923	1005.5E6	456.5E6	463.188m	385.796m
14) T	DINOSEB	11.432	11.310	4362.7E6	3773.4E6	330.910m	332.415m
15) T	Picloram	11.243	12.417	7772.0E6	9581.5E6	533.351m	408.061m
16) T	DCPA	11.729	12.352	10746.9E6	9077.7E6	448.963	402.522m

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

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Operator : AR\AJ
Sample : Q2489-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

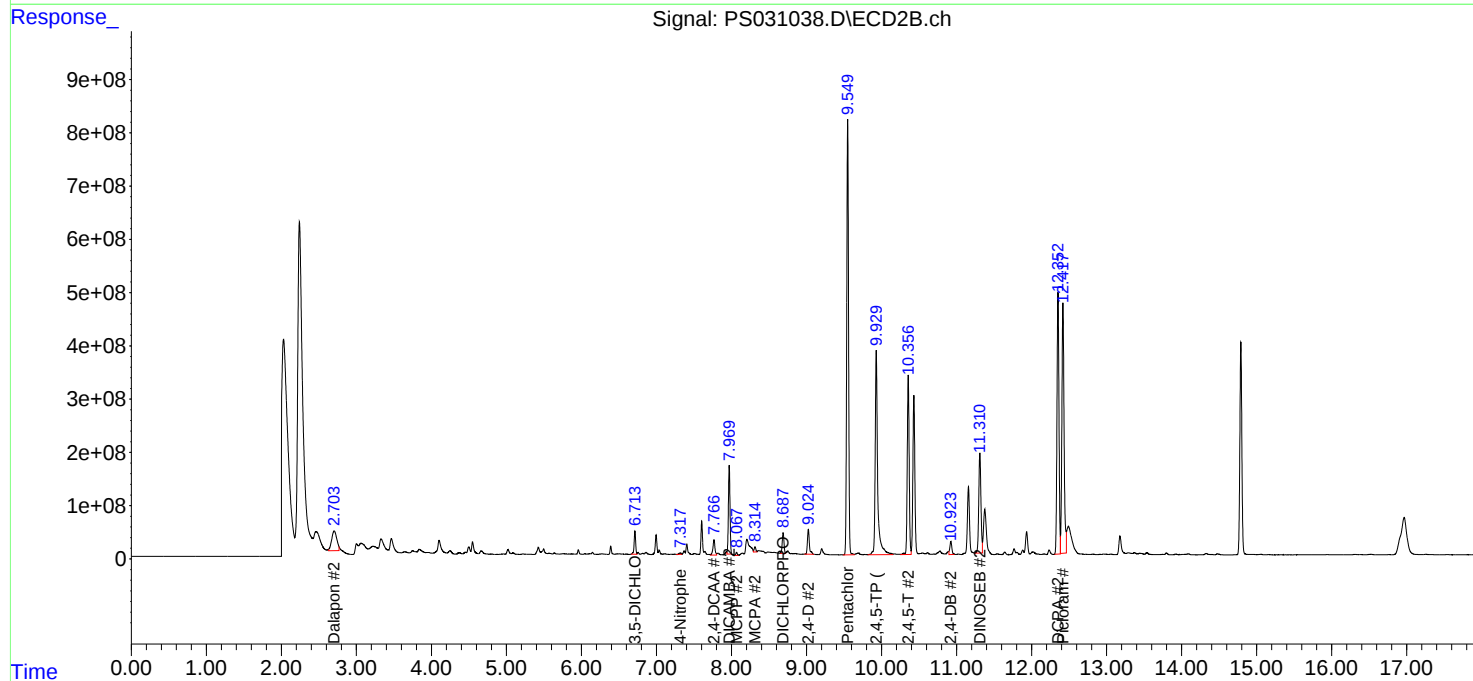
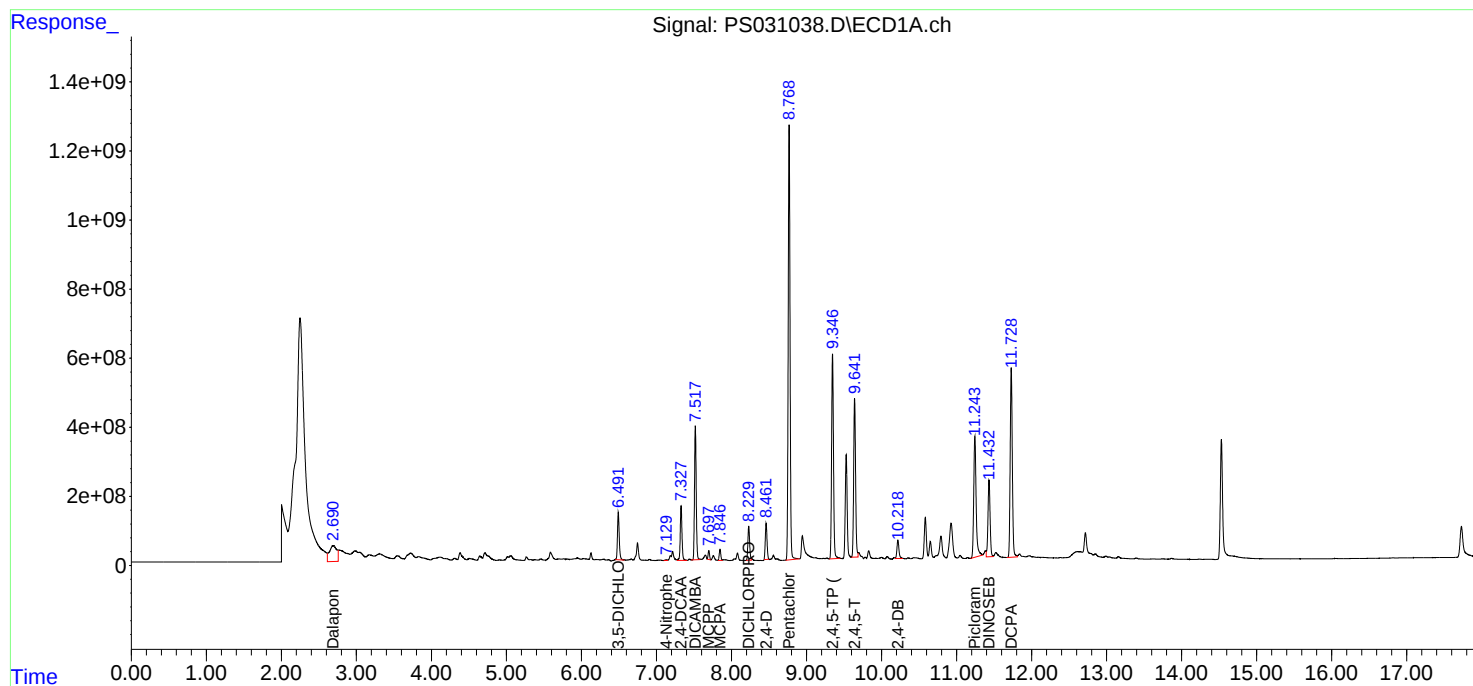
Instrument :
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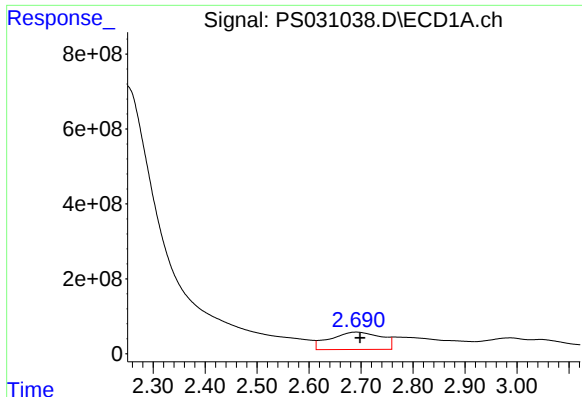
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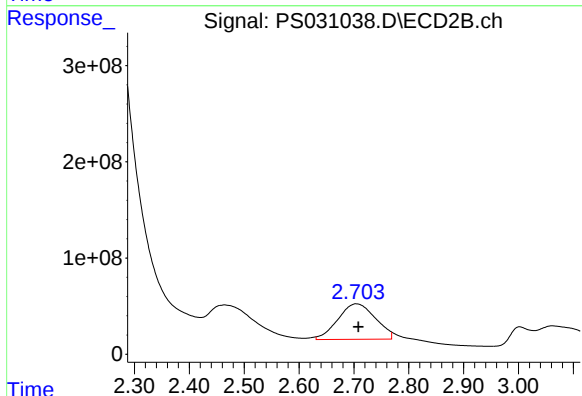
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.008 min
Response: 3167572049
Conc: 519.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

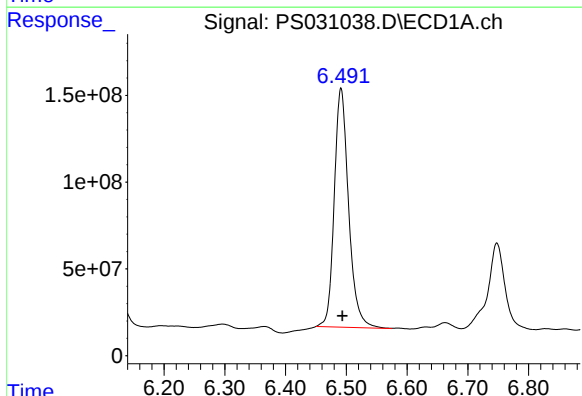
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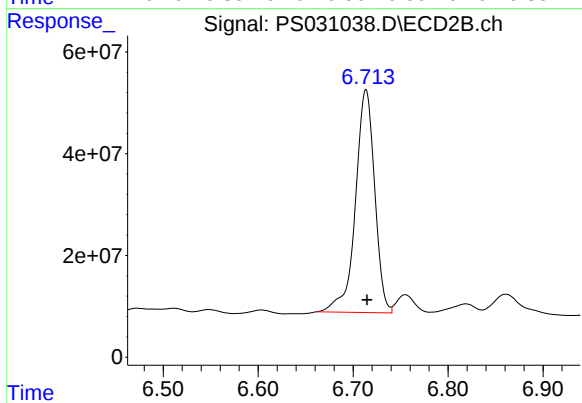
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.006 min
Response: 1752750173
Conc: 616.54 ng/ml m



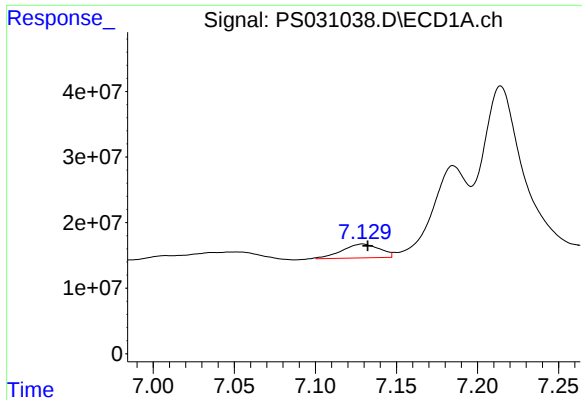
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 2254879176
Conc: 430.44 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 616867766
Conc: 397.89 ng/ml



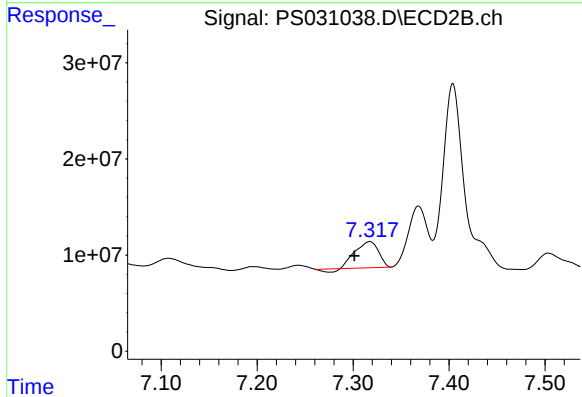
#3 4-Nitrophenol

R.T.: 7.129 min
Delta R.T.: -0.003 min
Response: 34136768
Conc: 25.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

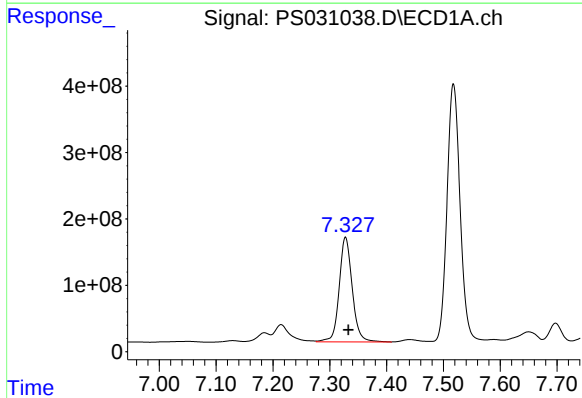
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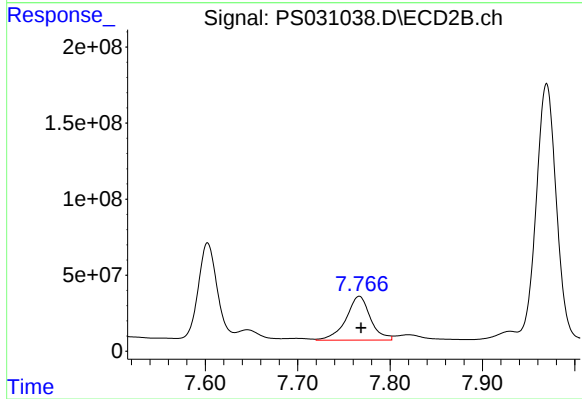
#3 4-Nitrophenol

R.T.: 7.317 min
Delta R.T.: 0.016 min
Response: 44253616
Conc: 25.38 ng/ml



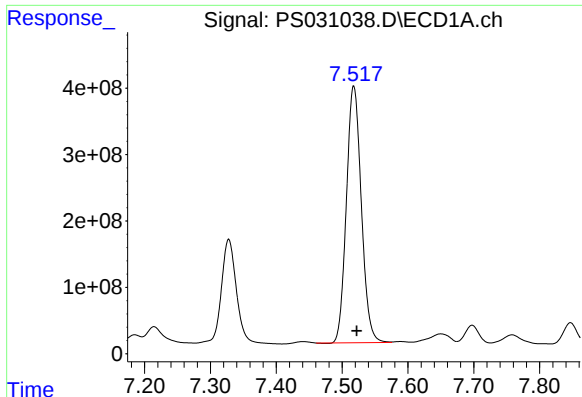
#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 2515805120
Conc: 636.10 ng/ml



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 534512738
Conc: 515.92 ng/ml m



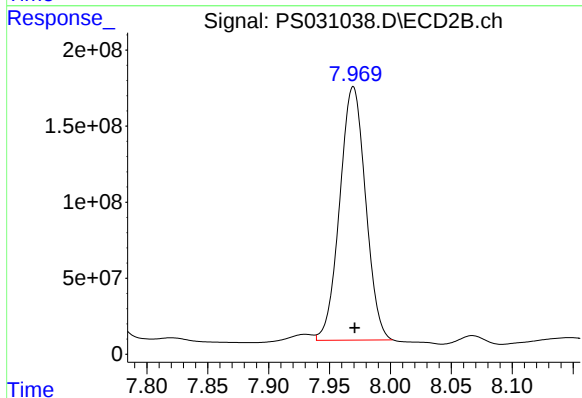
#5 DICAMBA

R.T.: 7.518 min
Delta R.T.: -0.005 min
Response: 6087773805
Conc: 387.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

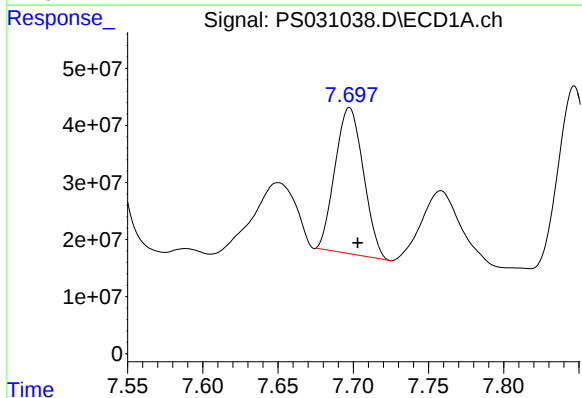
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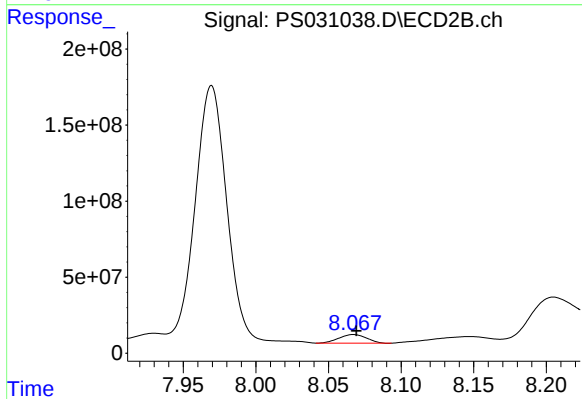
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.001 min
Response: 2461169555
Conc: 380.02 ng/ml m



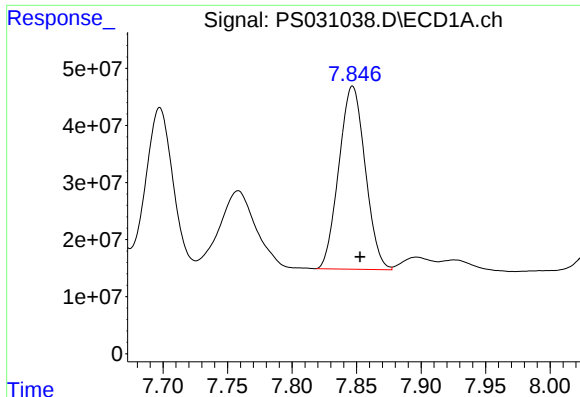
#6 MCP

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 335702581
Conc: 36.48 ug/ml



#6 MCP

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 73868397
Conc: 34.55 ug/ml



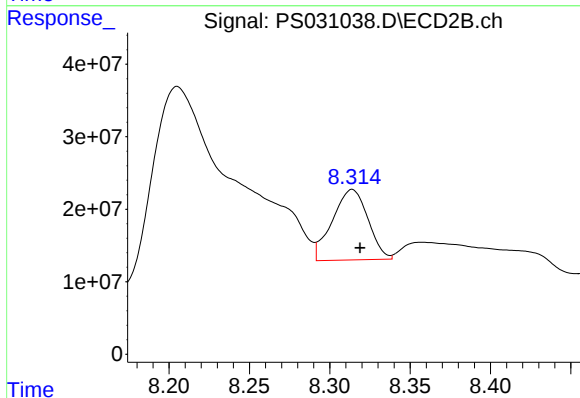
#7 MCPA

R.T.: 7.847 min
Delta R.T.: -0.006 min
Response: 455876714
Conc: 41.80 ug/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

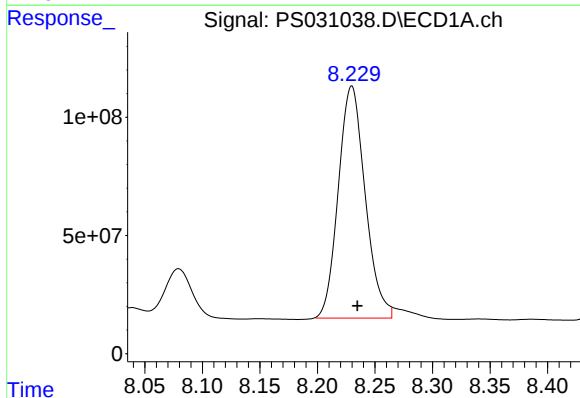
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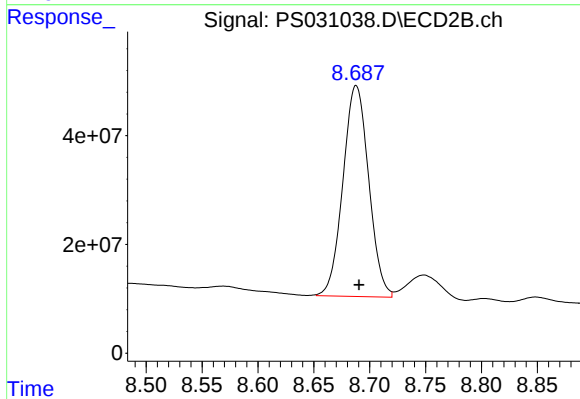
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.005 min
Response: 149182685
Conc: 46.54 ug/ml m



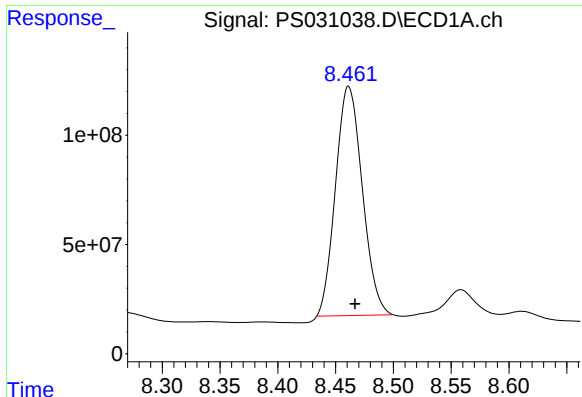
#8 DICHLORPROP

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 1598023490
Conc: 469.30 ng/ml m



#8 DICHLORPROP

R.T.: 8.687 min
Delta R.T.: -0.003 min
Response: 622113049
Conc: 409.48 ng/ml m



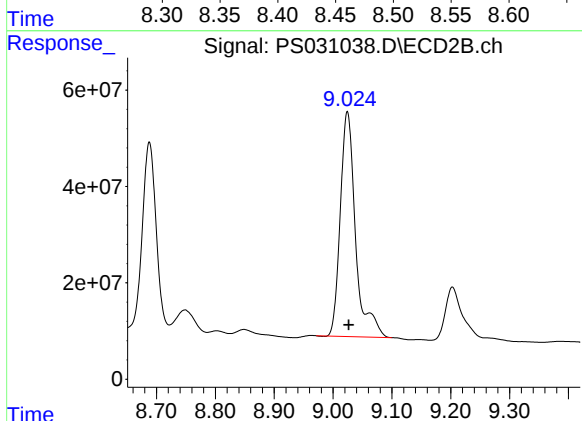
#9 2,4-D

R.T.: 8.461 min
Delta R.T.: -0.006 min
Response: 1690779138
Conc: 549.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

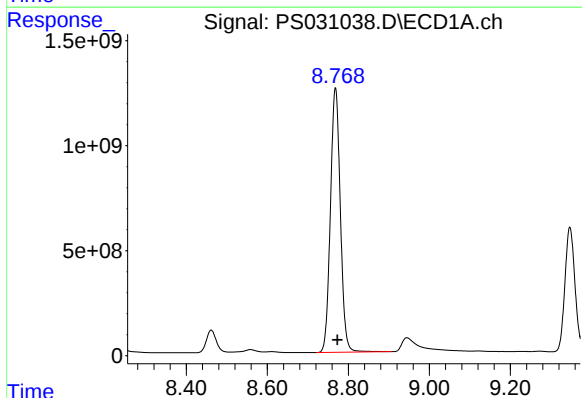
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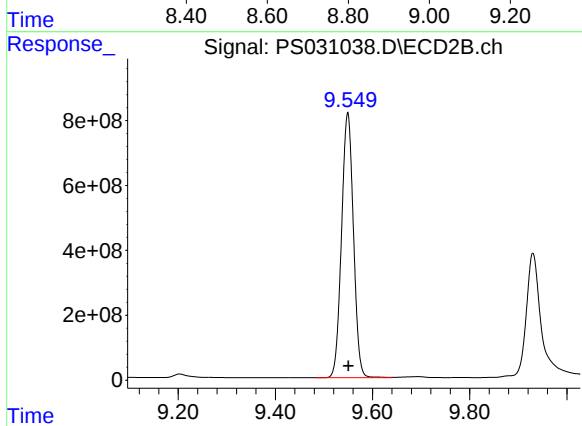
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 840737203
Conc: 494.71 ng/ml



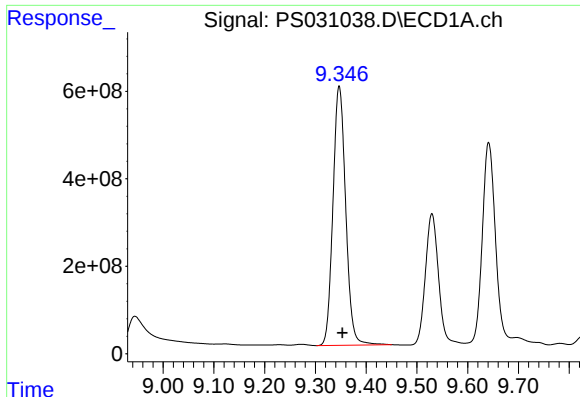
#10 Pentachlorophenol

R.T.: 8.768 min
Delta R.T.: -0.005 min
Response: 21403833052
Conc: 425.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.001 min
Response: 13874478722
Conc: 360.05 ng/ml



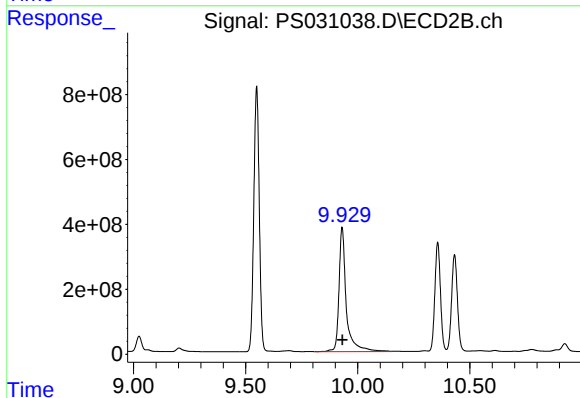
#11 2,4,5-TP (SILVEX)

R.T.: 9.347 min
Delta R.T.: -0.006 min
Response: 10333096471
Conc: 555.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

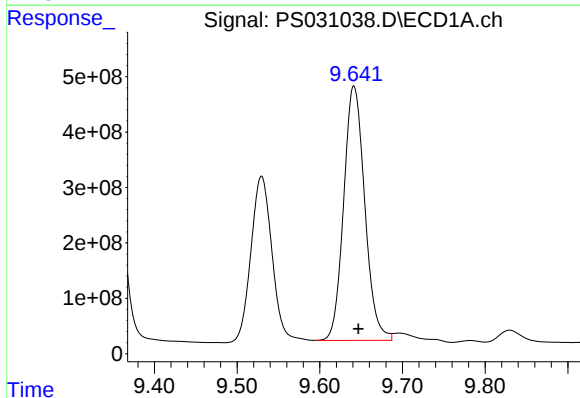
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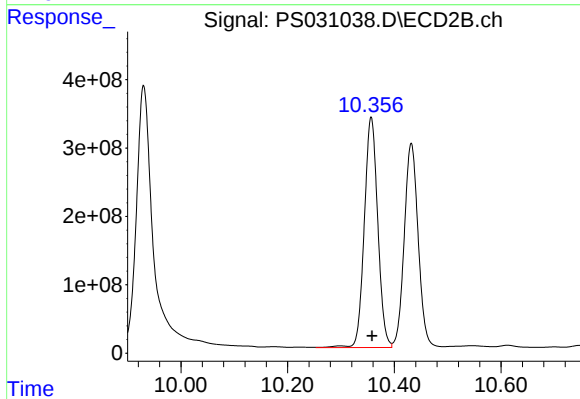
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 8756792593
Conc: 596.68 ng/ml



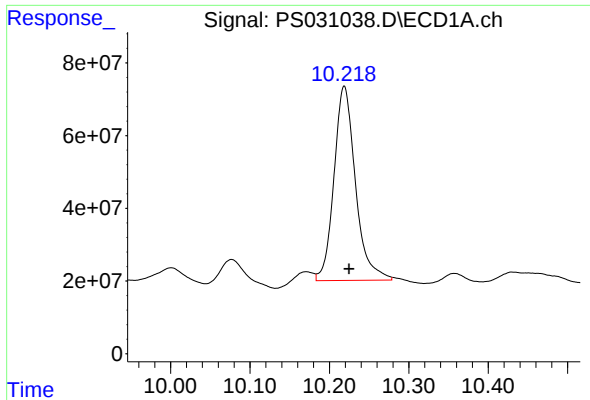
#12 2,4,5-T

R.T.: 9.641 min
Delta R.T.: -0.006 min
Response: 8150523028
Conc: 535.75 ng/ml m



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.002 min
Response: 5900377732
Conc: 421.70 ng/ml



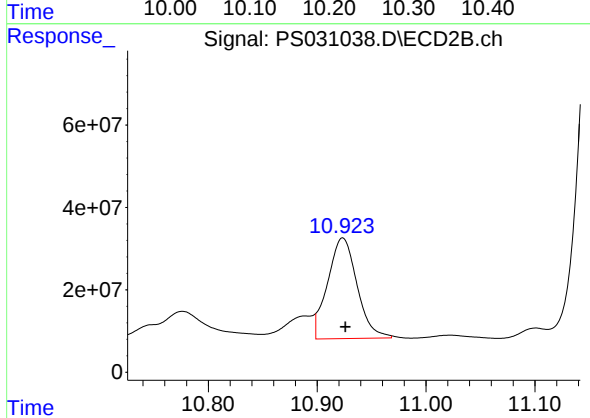
#13 2,4-DB

R.T.: 10.218 min
Delta R.T.: -0.006 min
Response: 1005484023
Conc: 463.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

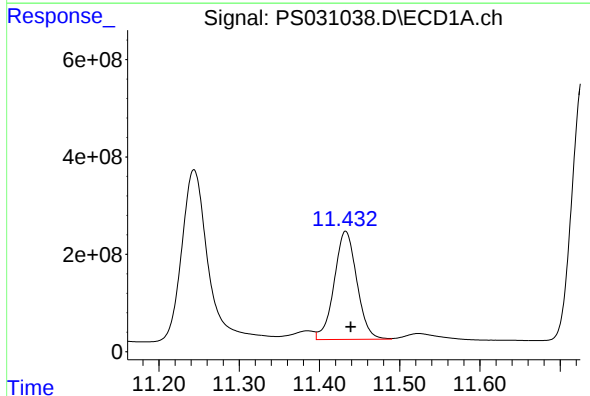
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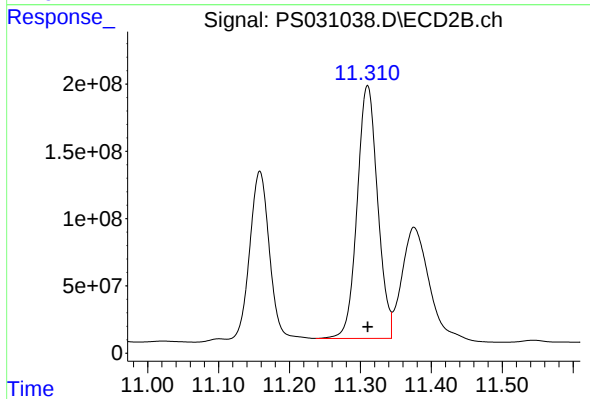
#13 2,4-DB

R.T.: 10.923 min
Delta R.T.: -0.003 min
Response: 456466347
Conc: 385.80 ng/ml m



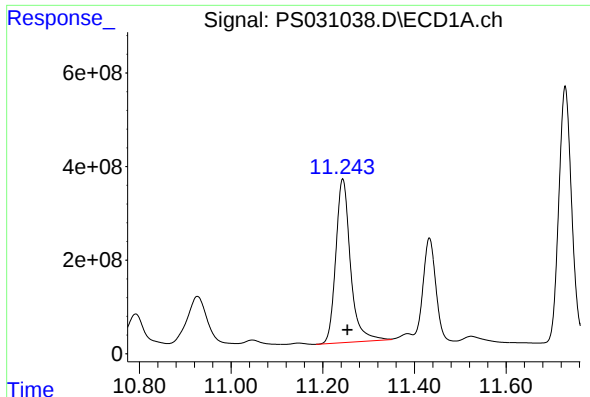
#14 DINOSEB

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 4362684320
Conc: 330.91 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 3773411905
Conc: 332.41 ng/ml m



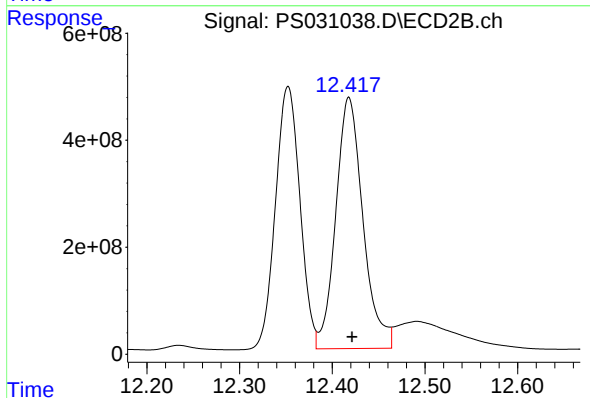
#15 Picloram

R.T.: 11.243 min
Delta R.T.: -0.011 min
Response: 7771957935
Conc: 533.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
G4(0-6)MSD

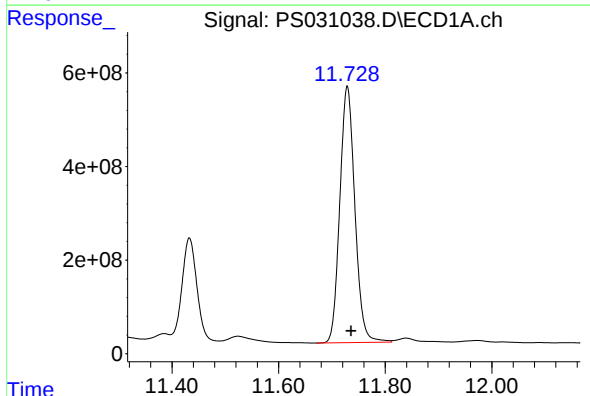
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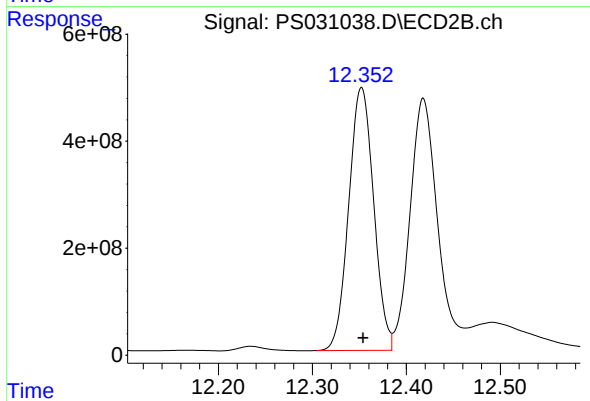
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.004 min
Response: 9581540085
Conc: 408.06 ng/ml m



#16 DCPA

R.T.: 11.729 min
Delta R.T.: -0.007 min
Response: 10746904726
Conc: 448.96 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.002 min
Response: 9077665466
Conc: 402.52 ng/ml m