

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062725\
 Data File : PS030843.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 19:04
 Operator : AR\AJ
 Sample : Q2405-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-M/HMSD

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 27 23:24:21 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	7.766	1137.0E6	329.7E6	309.428	307.529
Target Compounds							
1) T	Dalapon	2.693	2.706	915.7E6	644.8E6	153.488m	235.194m#
2) T	3,5-DICHL...	6.500	6.713	1564.9E6	493.4E6	291.001m	305.853m
3) T	4-Nitroph...	7.140	7.299	408.7E6	431.8E6	259.221	249.096
5) T	DICAMBA	7.530	7.969	4151.0E6	1803.7E6	272.822	275.232
6) T	MCPD	7.709	8.066	241.5E6	50033140	25.720m	23.856
7) T	MCPA	7.859	8.312	313.4E6	77697536	26.717	24.699
8) T	DICHLORPROP	8.243	8.687	1118.9E6	478.2E6	298.704	304.130m
9) T	2,4-D	8.476	9.024	1239.8E6	554.9E6	359.943	326.502m
10) T	Pentachlo...	8.782	9.548	14880.5E6	10290.8E6	281.159	269.942
11) T	2,4,5-TP ...	9.363	9.929	6196.4E6	4500.7E6	309.351	311.924
12) T	2,4,5-T	9.657	10.355	5076.7E6	4054.9E6	308.557	296.747
13) T	2,4-DB	10.236	10.922	587.7E6	336.4E6	256.229m	284.358
14) T	DINOSEB	11.452	11.308	606.8E6	456.4E6	43.739m	42.337
15) T	Picloram	11.262	12.417	4043.1E6	5111.5E6	251.499m	219.930
16) T	DCPA	11.746	12.351	5907.8E6	6339.7E6	230.626	287.608m

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

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Operator : AR\AJ
Sample : Q2405-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

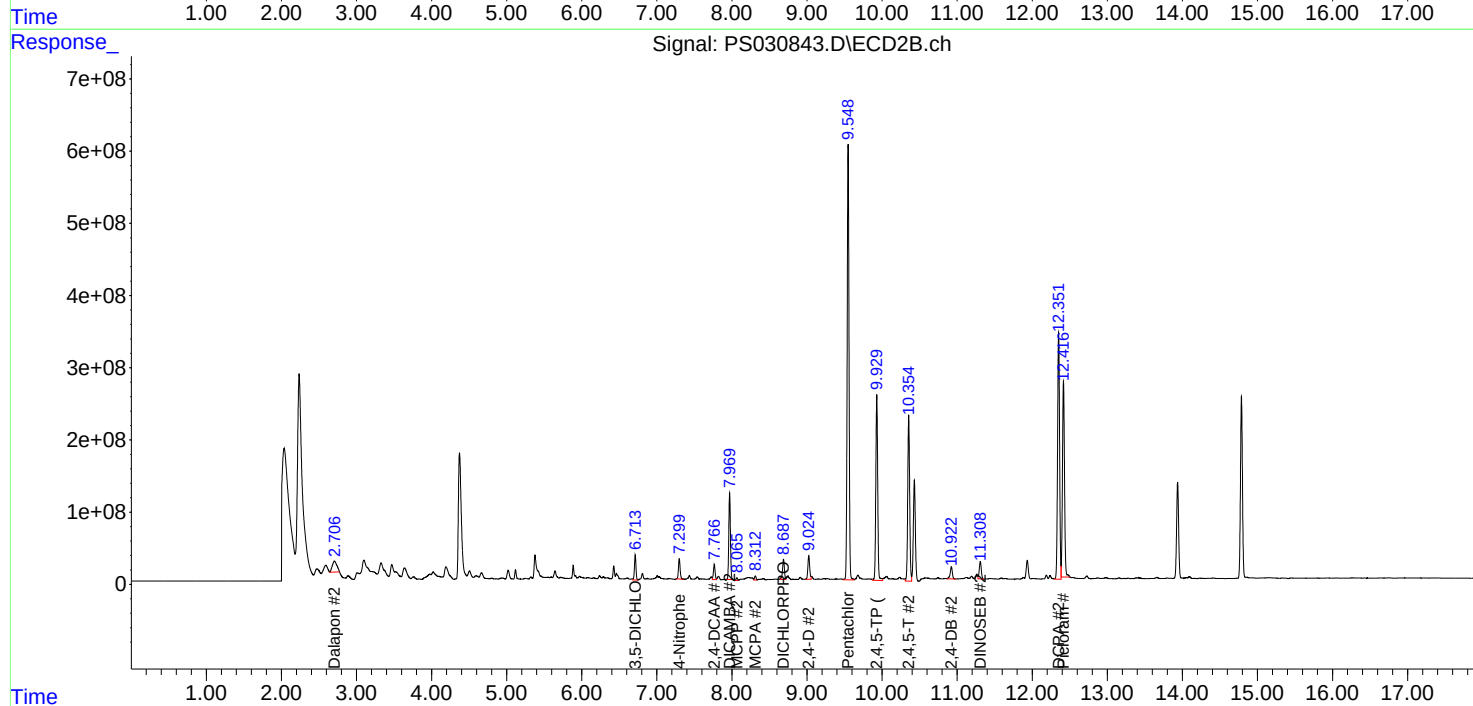
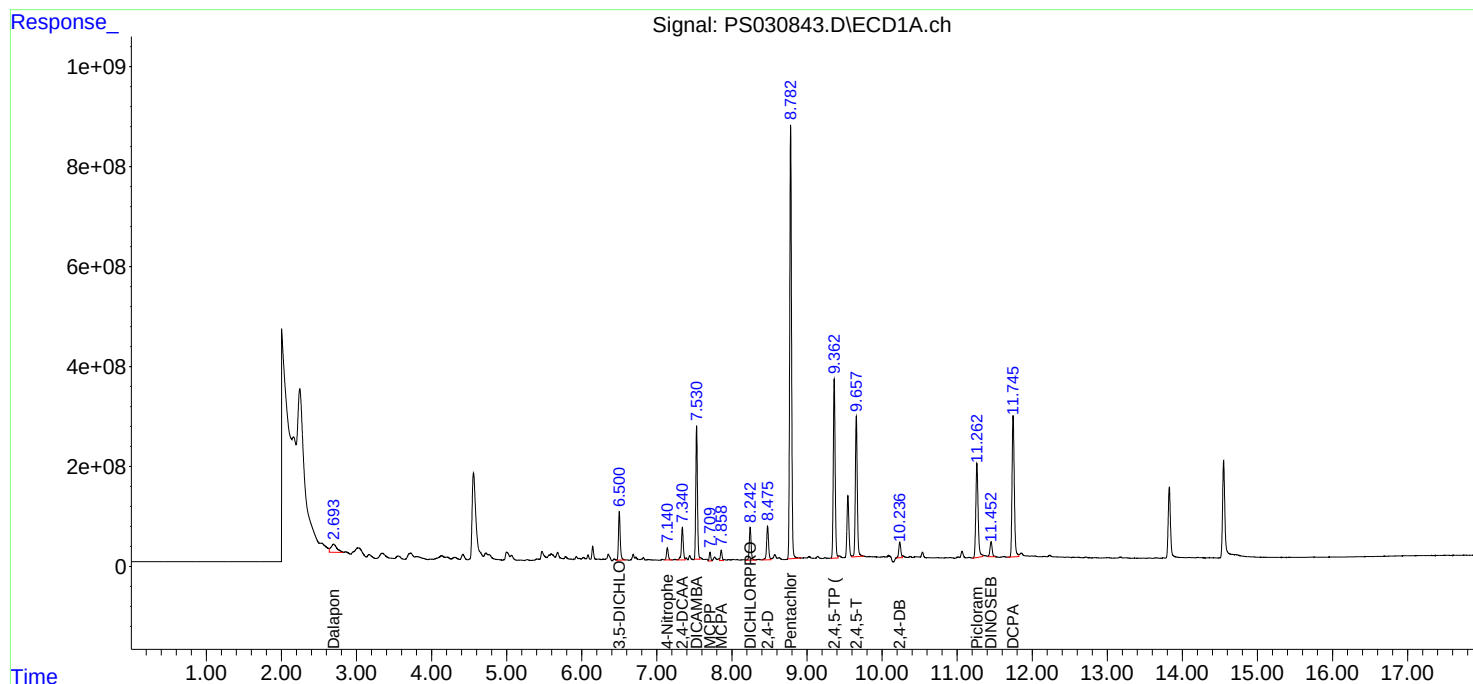
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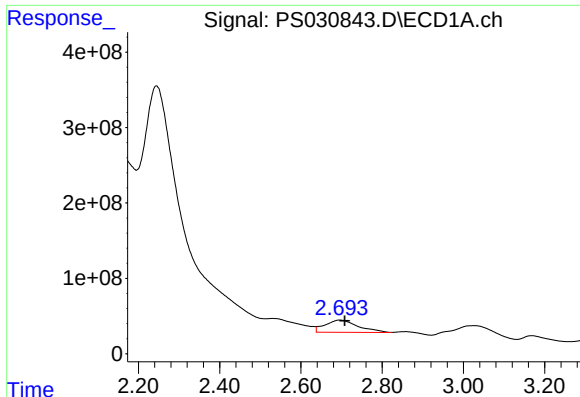
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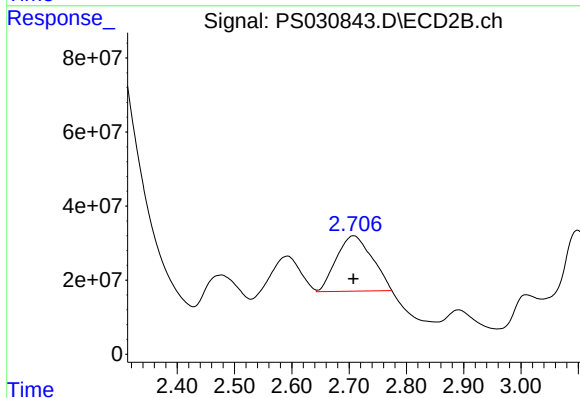
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.015 min
Response: 915652388
Conc: 153.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
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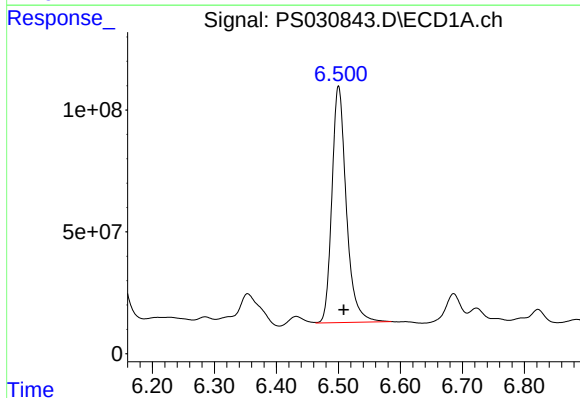
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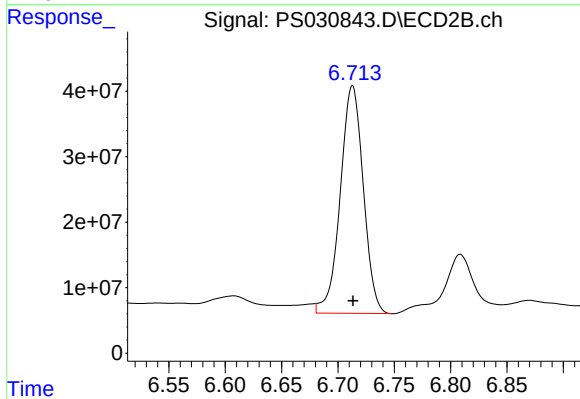
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.001 min
Response: 644841632
Conc: 235.19 ng/ml m



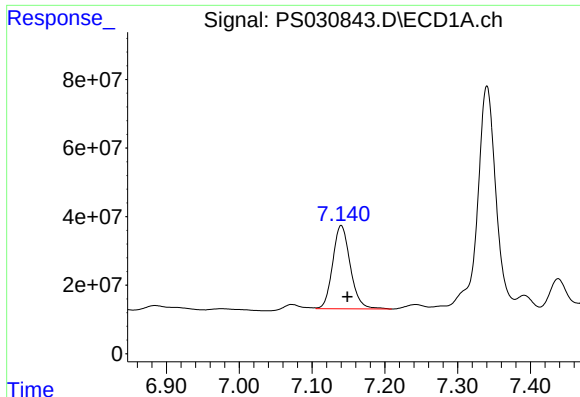
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.500 min
Delta R.T.: -0.009 min
Response: 1564871843
Conc: 291.00 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 493386393
Conc: 305.85 ng/ml m



#3 4-Nitrophenol

R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 408730965
Conc: 259.22 ng/ml

Instrument :

ECD_S

ClientSampleId :

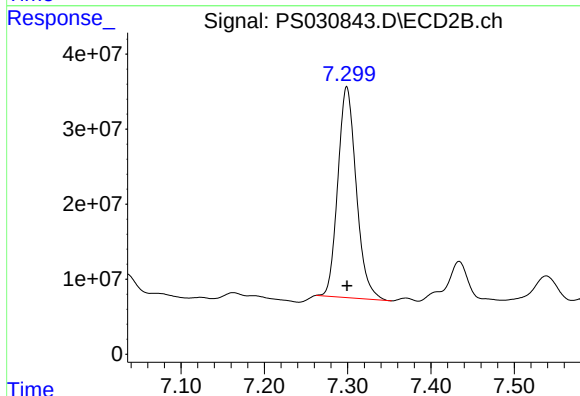
MH-M/HMSD

Manual Integrations

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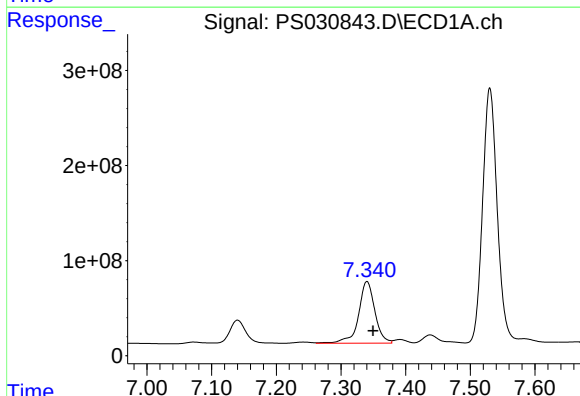
Reviewed By :Abdul Mirza 06/30/2025

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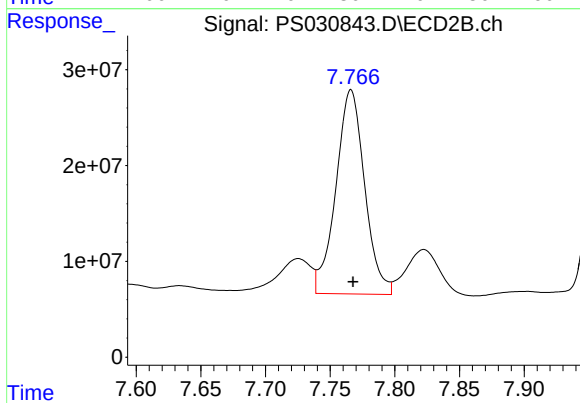
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 431816764
Conc: 249.10 ng/ml



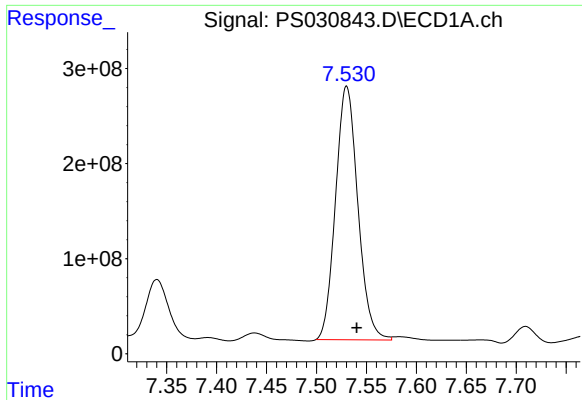
#4 2,4-DCAA

R.T.: 7.340 min
Delta R.T.: -0.009 min
Response: 1136960622
Conc: 309.43 ng/ml



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 329660386
Conc: 307.53 ng/ml



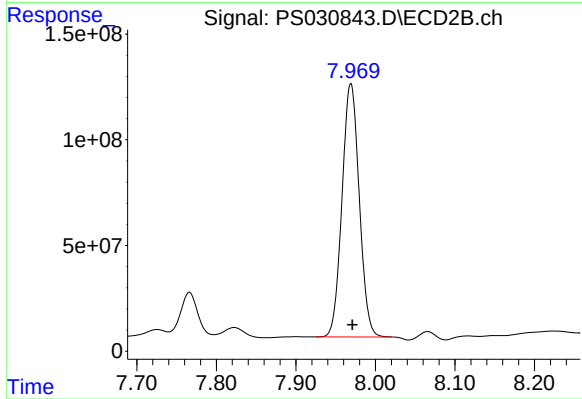
#5 DICAMBA

R.T.: 7.530 min
Delta R.T.: -0.010 min
Response: 4151008808
Conc: 272.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMSD

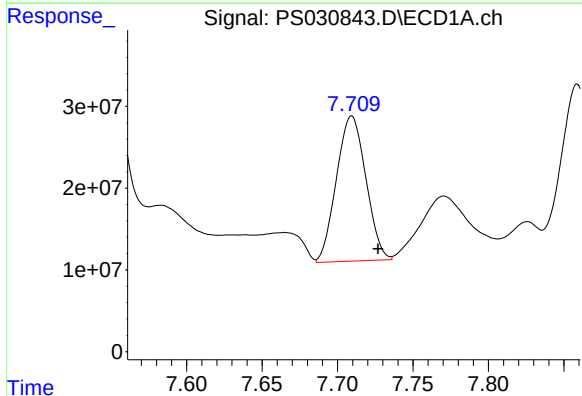
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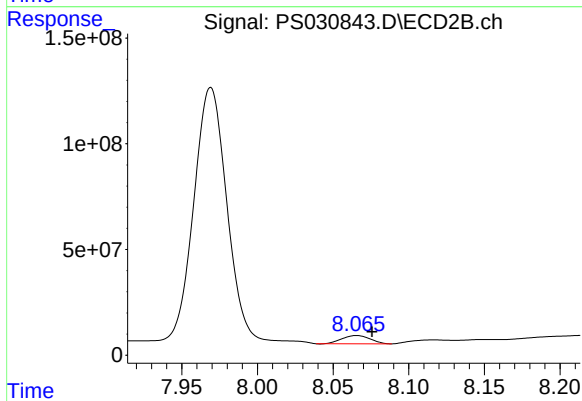
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 1803655951
Conc: 275.23 ng/ml



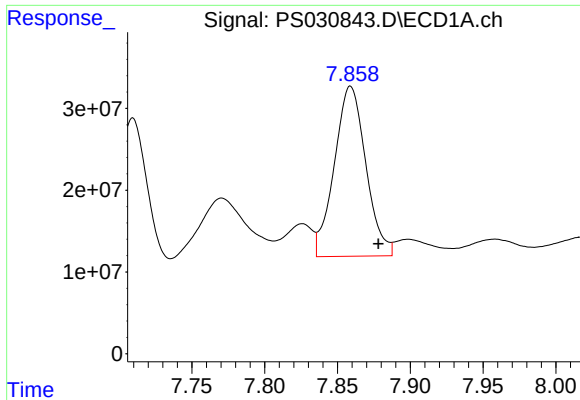
#6 MCP

R.T.: 7.709 min
Delta R.T.: -0.018 min
Response: 241466774
Conc: 25.72 ug/ml m



#6 MCP

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 50033140
Conc: 23.86 ug/ml



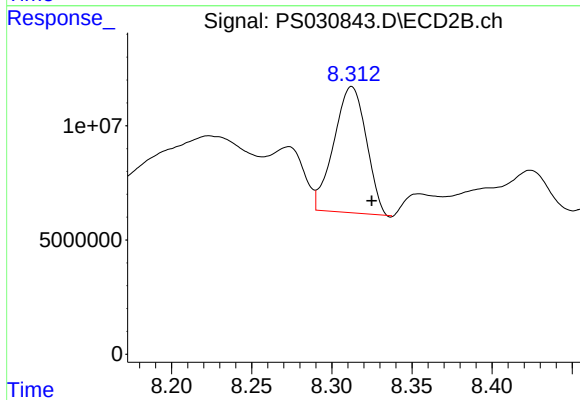
#7 MCPA

R.T.: 7.859 min
Delta R.T.: -0.019 min
Response: 313407483
Conc: 26.72 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMSD

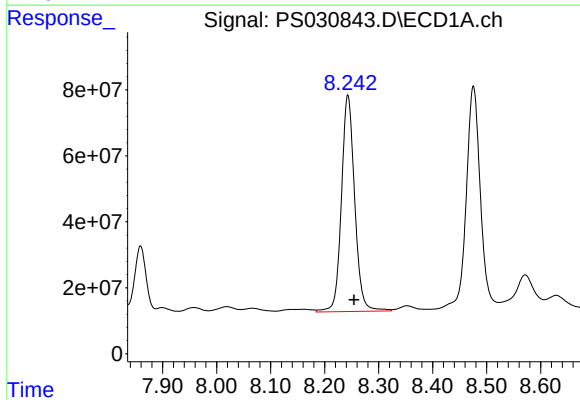
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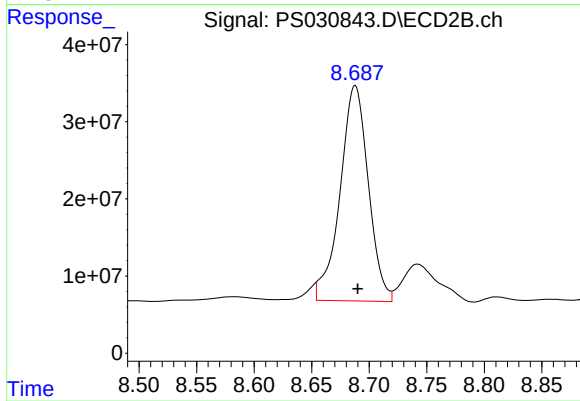
#7 MCPA

R.T.: 8.312 min
Delta R.T.: -0.013 min
Response: 77697536
Conc: 24.70 ug/ml



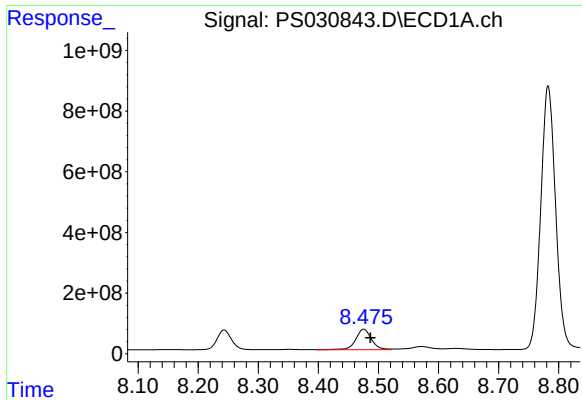
#8 DICHLORPROP

R.T.: 8.243 min
Delta R.T.: -0.011 min
Response: 1118874803
Conc: 298.70 ng/ml



#8 DICHLORPROP

R.T.: 8.687 min
Delta R.T.: -0.003 min
Response: 478242492
Conc: 304.13 ng/ml m



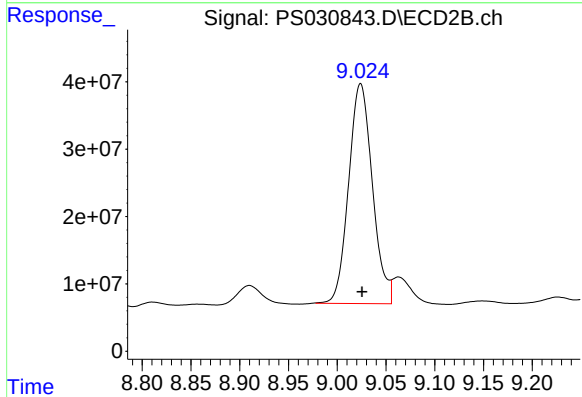
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: -0.011 min
Response: 1239793248
Conc: 359.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMSD

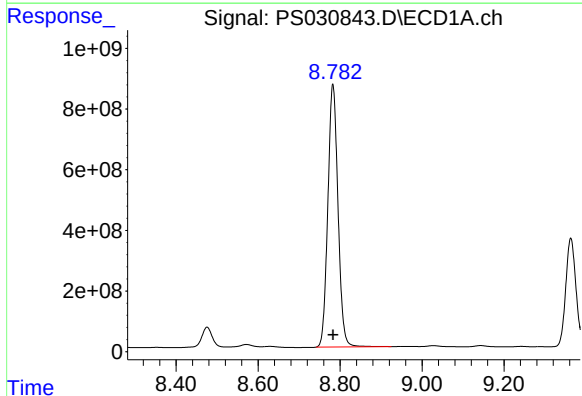
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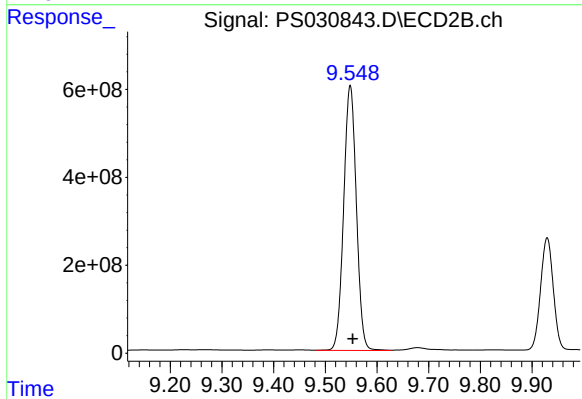
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 554858432
Conc: 326.50 ng/ml m



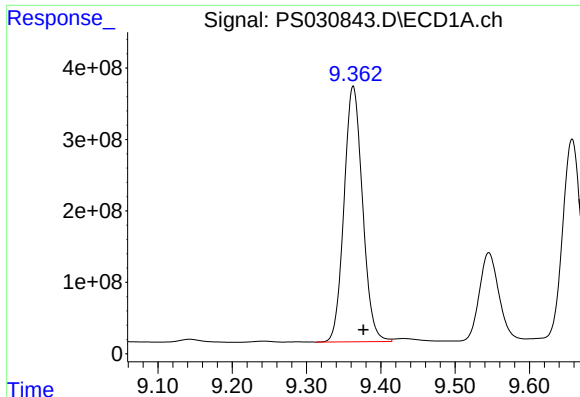
#10 Pentachlorophenol

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 14880472854
Conc: 281.16 ng/ml



#10 Pentachlorophenol

R.T.: 9.548 min
Delta R.T.: -0.005 min
Response: 10290759534
Conc: 269.94 ng/ml



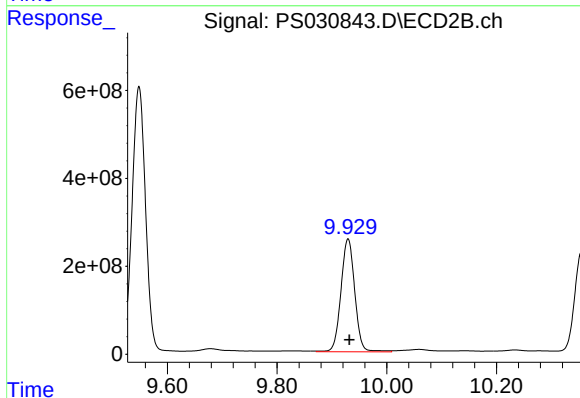
#11 2,4,5-TP (SILVEX)

R.T.: 9.363 min
Delta R.T.: -0.014 min
Response: 6196435892
Conc: 309.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMSD

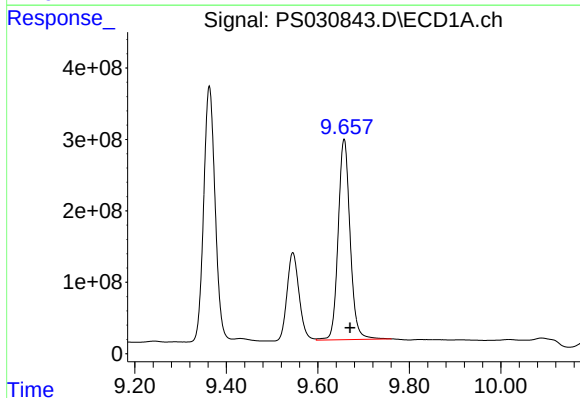
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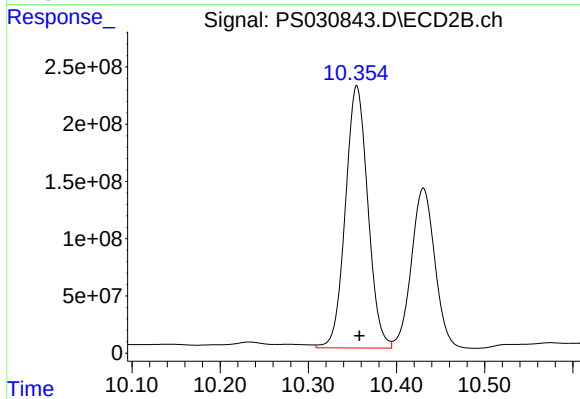
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 4500655866
Conc: 311.92 ng/ml



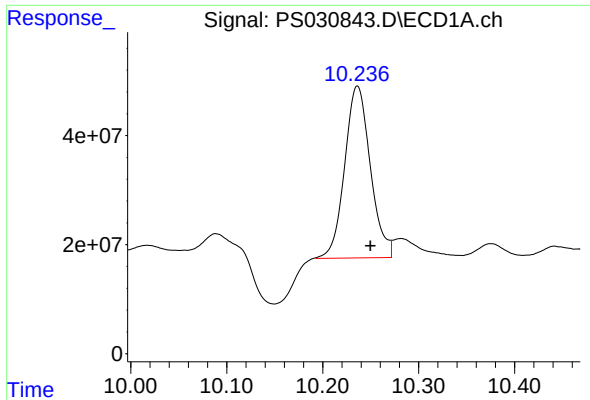
#12 2,4,5-T

R.T.: 9.657 min
Delta R.T.: -0.013 min
Response: 5076731756
Conc: 308.56 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.003 min
Response: 4054936987
Conc: 296.75 ng/ml



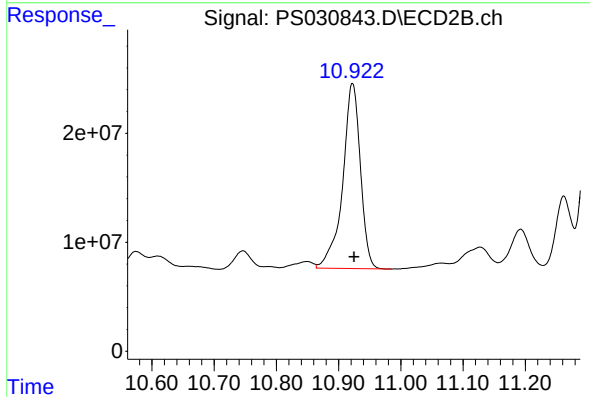
#13 2,4-DB

R.T.: 10.236 min
Delta R.T.: -0.014 min
Response: 587661342
Conc: 256.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-M/HMSD

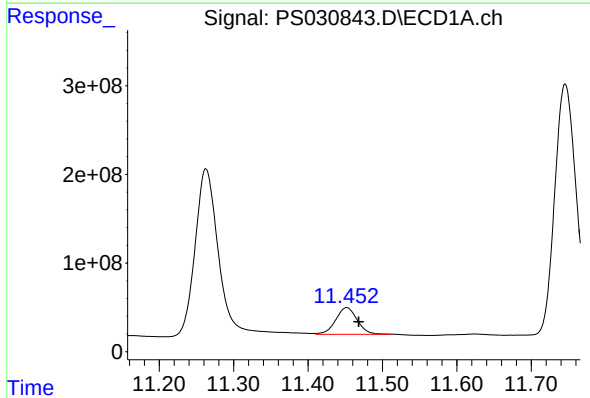
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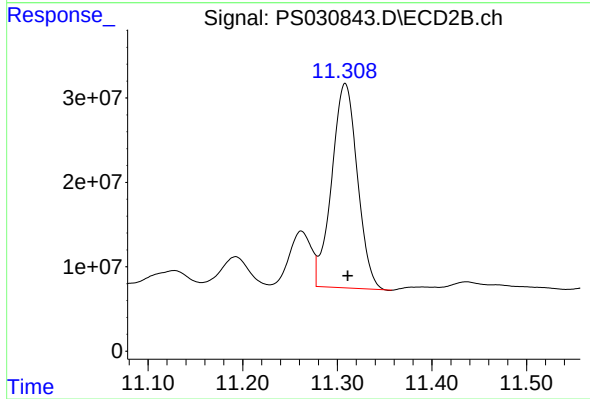
#13 2,4-DB

R.T.: 10.922 min
Delta R.T.: -0.003 min
Response: 336368297
Conc: 284.36 ng/ml



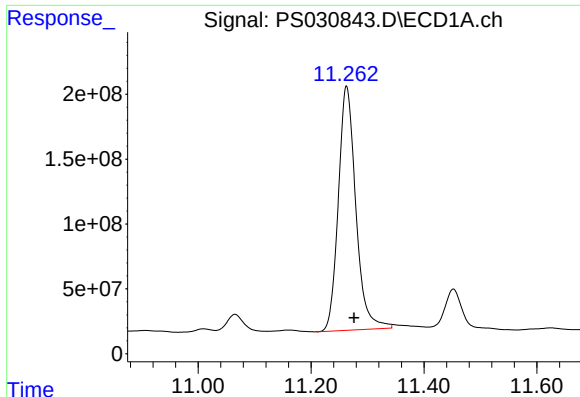
#14 DINOSEB

R.T.: 11.452 min
Delta R.T.: -0.017 min
Response: 606802758
Conc: 43.74 ng/ml m



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 456441695
Conc: 42.34 ng/ml



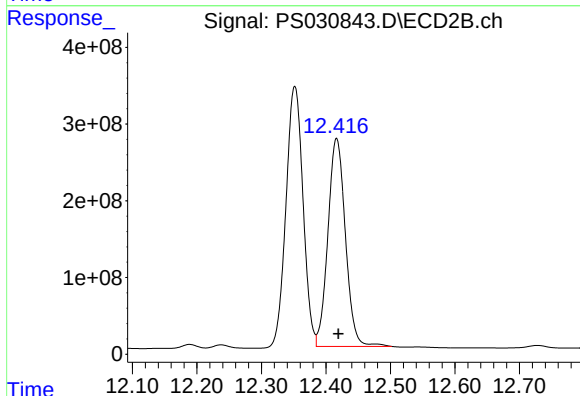
#15 Picloram

R.T.: 11.262 min
Delta R.T.: -0.014 min
Response: 4043130772
Conc: 251.50 ng/ml

Instrument :
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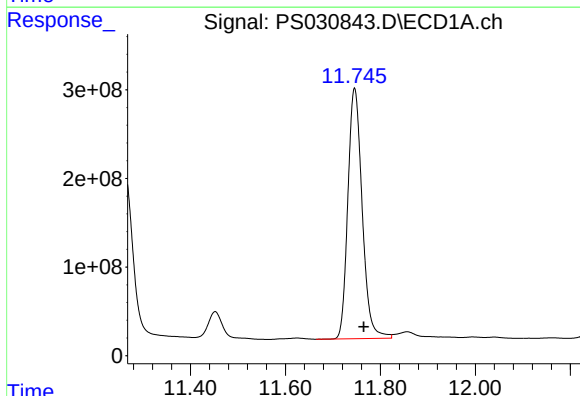
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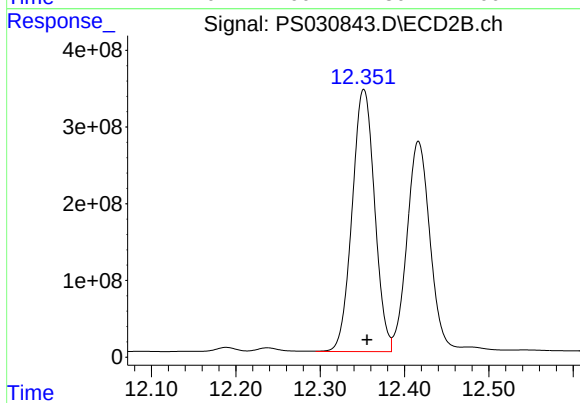
#15 Picloram

R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 5111492651
Conc: 219.93 ng/ml



#16 DCPA

R.T.: 11.746 min
Delta R.T.: -0.019 min
Response: 5907766152
Conc: 230.63 ng/ml



#16 DCPA

R.T.: 12.351 min
Delta R.T.: -0.004 min
Response: 6339679333
Conc: 287.61 ng/ml m