

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052925\
 Data File : PS030428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 13:46
 Operator : AR\AJ
 Sample : PB168172BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168172BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 23:27:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.925	7.437	1492.3E6	373.5E6	524.009	466.694
Target Compounds							
1) T	Dalapon	2.439	2.508	2502.5E6	891.8E6	509.128	439.069
2) T	3,5-DICHL...	6.131	6.438	2012.0E6	505.3E6	482.427	433.420
3) T	4-Nitroph...	6.716	6.972	978.2E6	449.5E6	473.568	430.502
5) T	DICAMBA	7.101	7.621	5758.0E6	2190.5E6	498.214	463.297
6) T	MCPD	7.279	7.728	353.4E6	78522753	48.521	42.681
7) T	MCPA	7.422	7.957	469.7E6	106.6E6	45.248	40.419m
8) T	DICHLORPROP	7.781	8.313	1452.0E6	548.9E6	497.017	464.610
9) T	2,4-D	8.001	8.625	1756.8E6	617.4E6	535.783	478.415
10) T	Pentachlo...	8.277	9.123	20945.0E6	12382.0E6	517.150	501.603
11) T	2,4,5-TP ...	8.840	9.502	8288.8E6	4836.8E6	511.781m	491.027
12) T	2,4,5-T	9.122	9.905	8375.4E6	4472.1E6	507.133	485.910
13) T	2,4-DB	9.680	10.462	1397.0E6	413.4E6	535.299	416.534
14) T	DINOSEB	10.839	10.835	5617.8E6	3291.4E6	491.220	481.762m
15) T	Picloram	10.660	11.868	10803.9E6	7408.7E6	505.163	526.445m
16) T	DCPA	11.142	11.866	9986.1E6	6406.6E6	501.526	474.194m

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

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Acq On : 29 May 2025 13:46
Operator : AR\AJ
Sample : PB168172BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

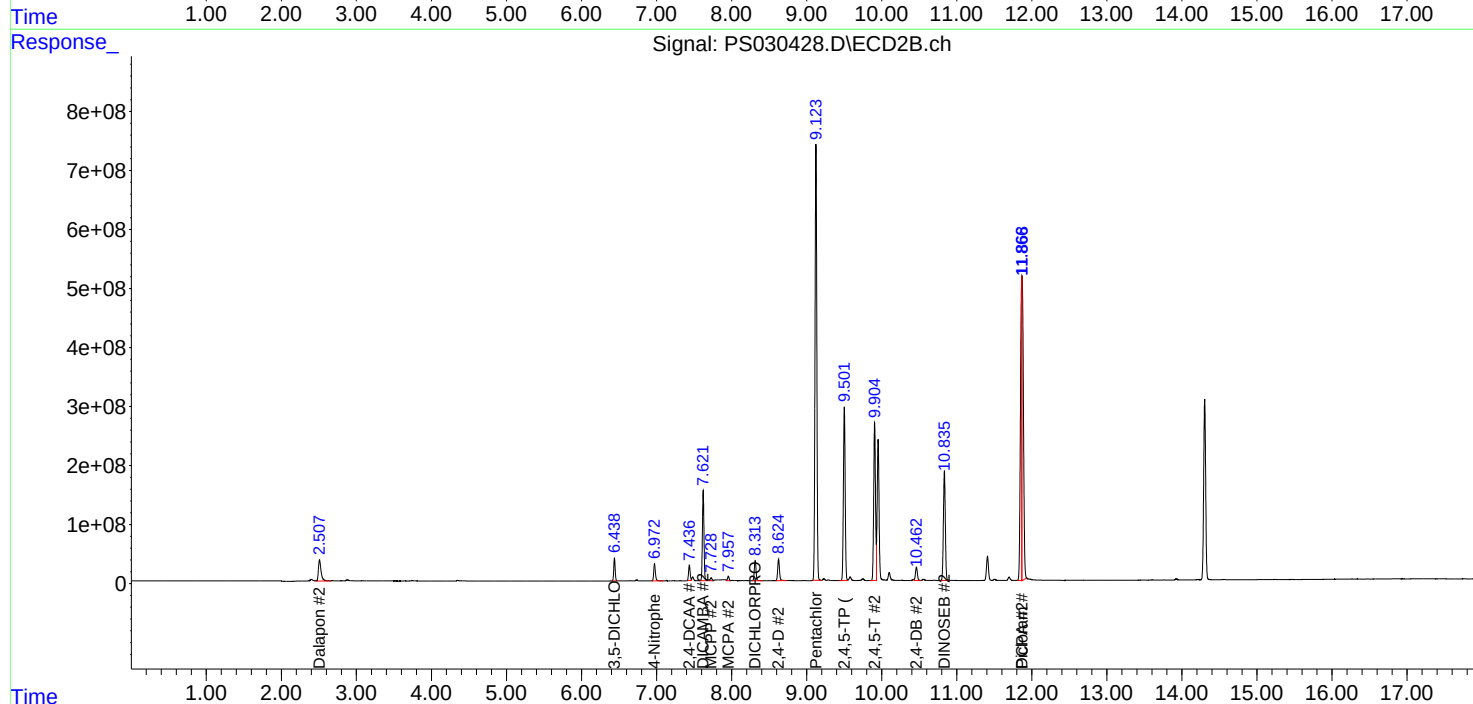
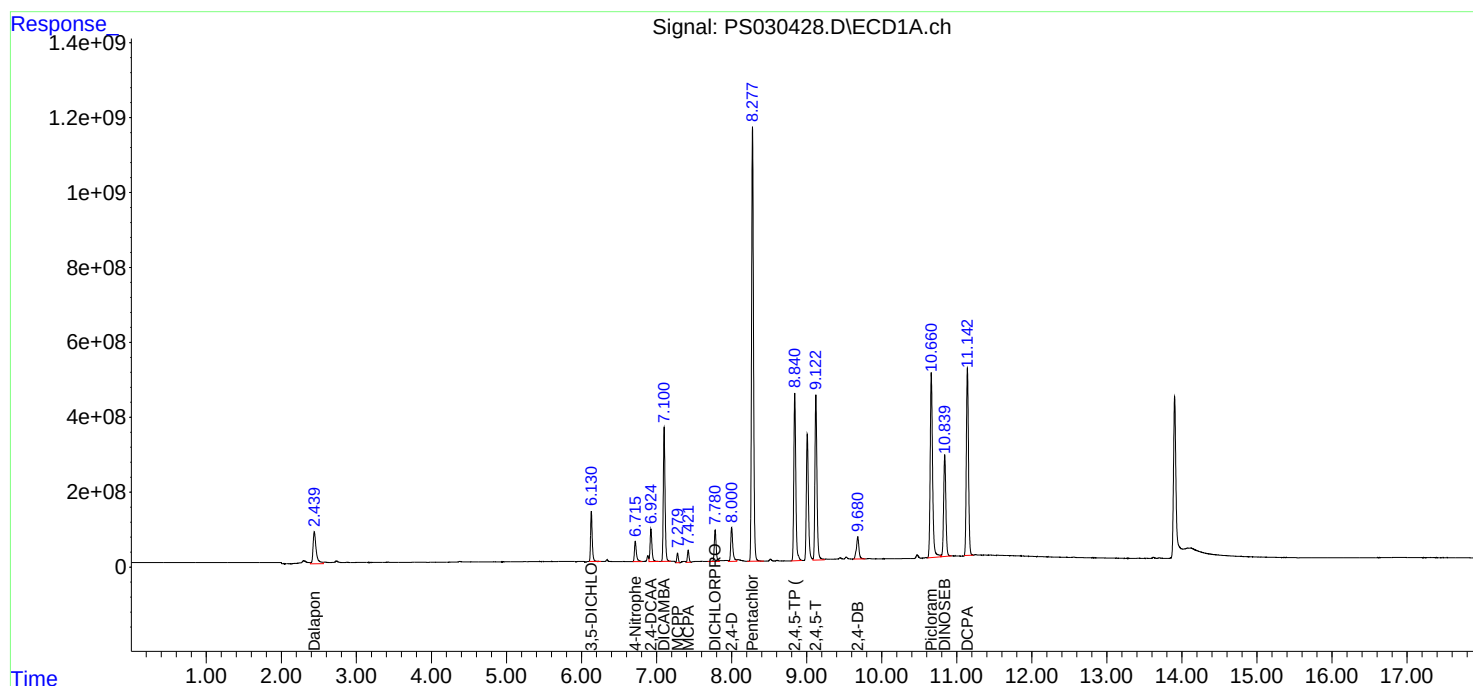
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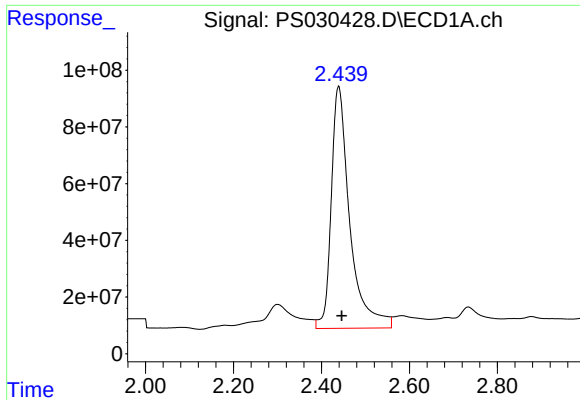
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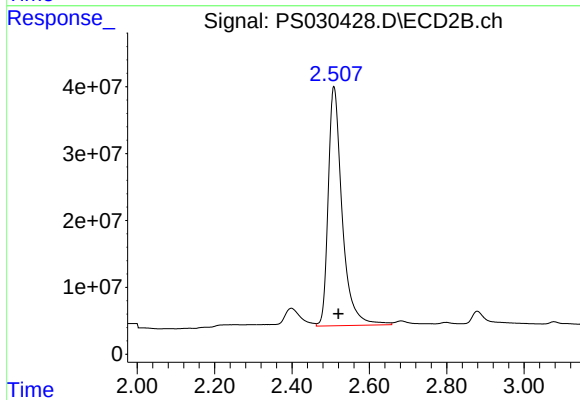
#1 Dalapon

R.T.: 2.439 min
Delta R.T.: -0.007 min
Response: 2502545083
Conc: 509.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

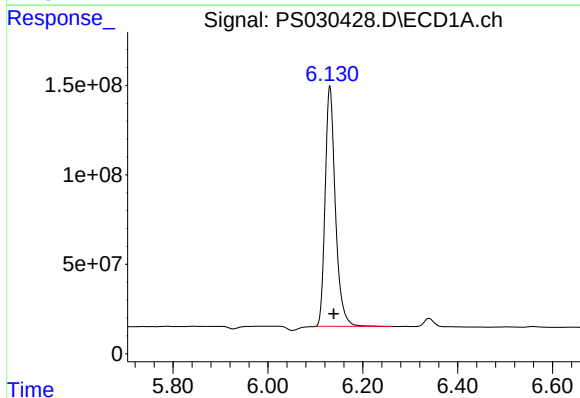
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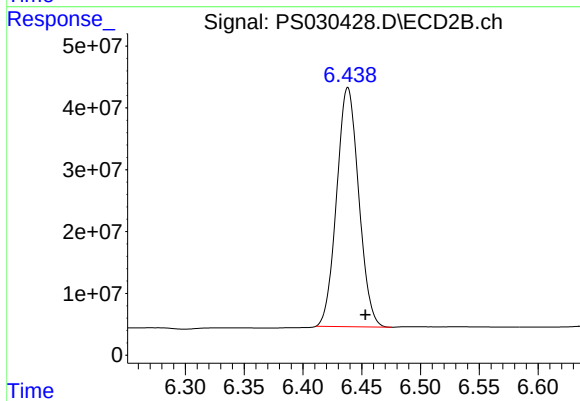
#1 Dalapon

R.T.: 2.508 min
Delta R.T.: -0.012 min
Response: 891771826
Conc: 439.07 ng/ml



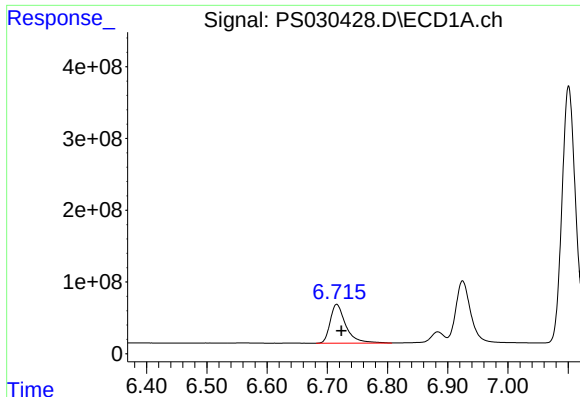
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.131 min
Delta R.T.: -0.008 min
Response: 2011984977
Conc: 482.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.438 min
Delta R.T.: -0.015 min
Response: 505294457
Conc: 433.42 ng/ml



#3 4-Nitrophenol

R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 978207840
Conc: 473.57 ng/ml

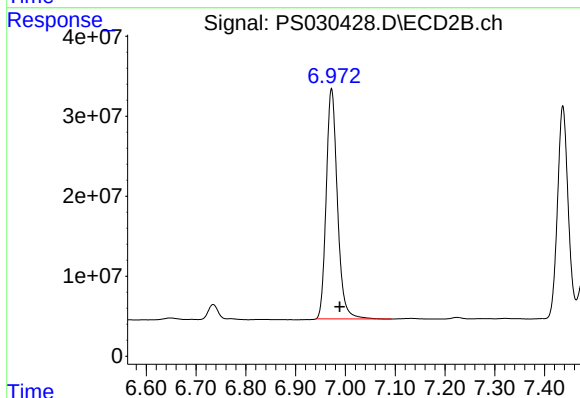
Instrument :

ECD_S

ClientSampleId :
PB168172BS

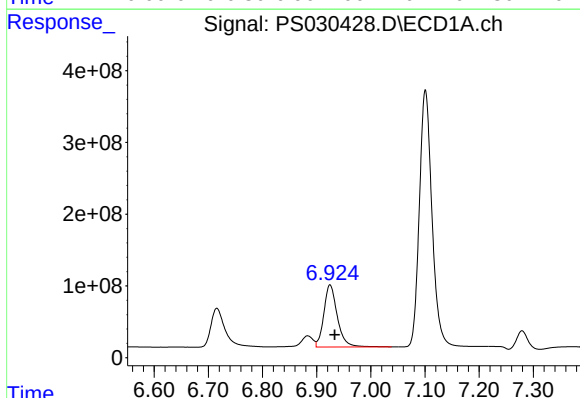
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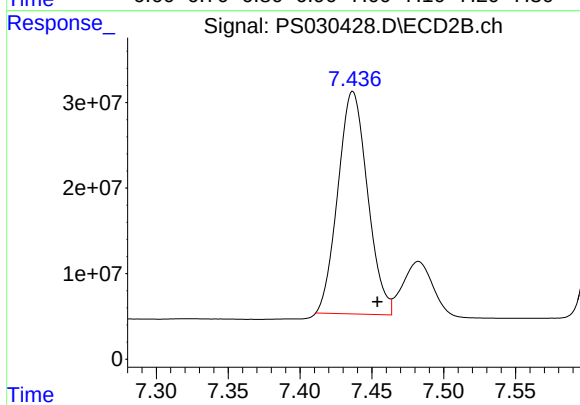
#3 4-Nitrophenol

R.T.: 6.972 min
Delta R.T.: -0.016 min
Response: 449458034
Conc: 430.50 ng/ml



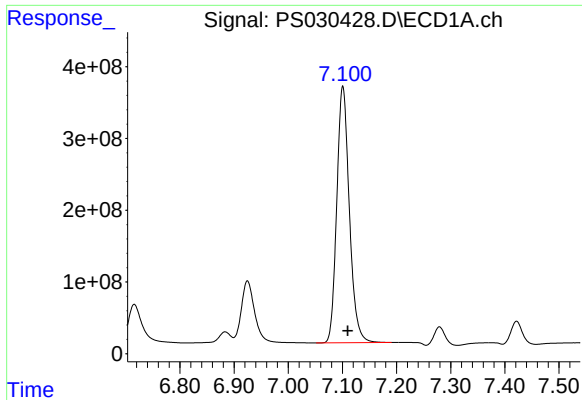
#4 2,4-DCAA

R.T.: 6.925 min
Delta R.T.: -0.009 min
Response: 1492278550
Conc: 524.01 ng/ml



#4 2,4-DCAA

R.T.: 7.437 min
Delta R.T.: -0.017 min
Response: 373450591
Conc: 466.69 ng/ml



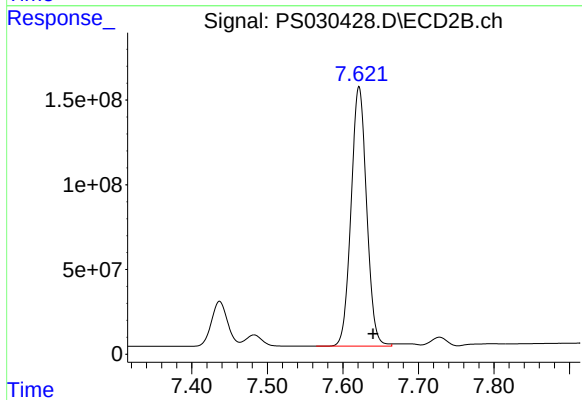
#5 DICAMBA

R.T.: 7.101 min
Delta R.T.: -0.009 min
Response: 5758039267
Conc: 498.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

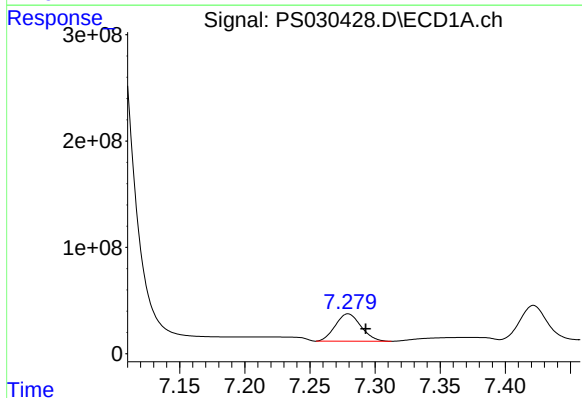
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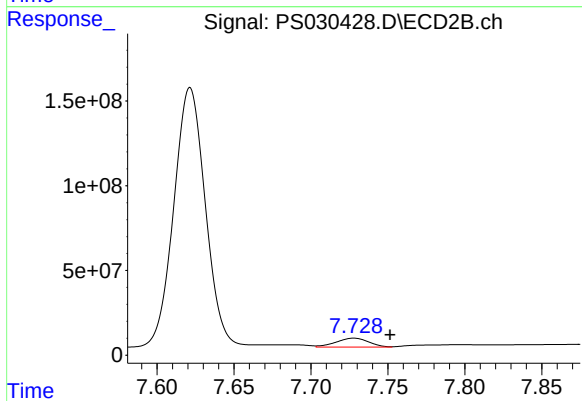
#5 DICAMBA

R.T.: 7.621 min
Delta R.T.: -0.018 min
Response: 2190456531
Conc: 463.30 ng/ml



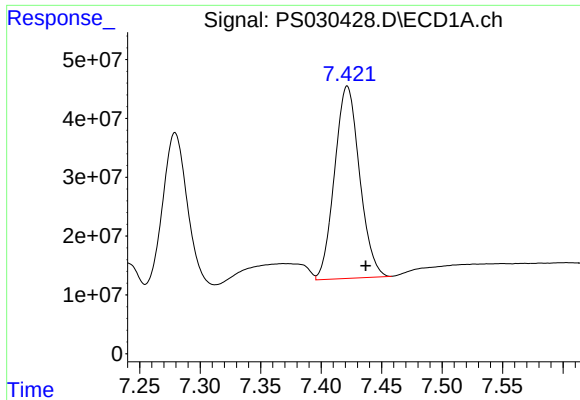
#6 MCPP

R.T.: 7.279 min
Delta R.T.: -0.014 min
Response: 353362045
Conc: 48.52 ug/ml



#6 MCPP

R.T.: 7.728 min
Delta R.T.: -0.023 min
Response: 78522753
Conc: 42.68 ug/ml



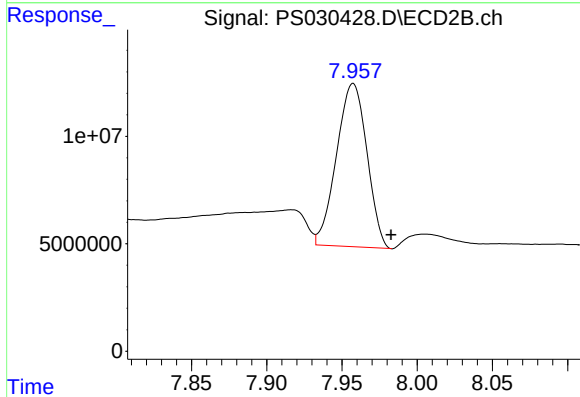
#7 MCPA

R.T.: 7.422 min
Delta R.T.: -0.015 min
Response: 469718685
Conc: 45.25 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

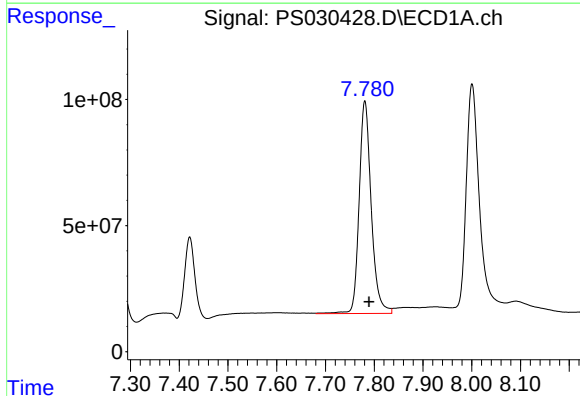
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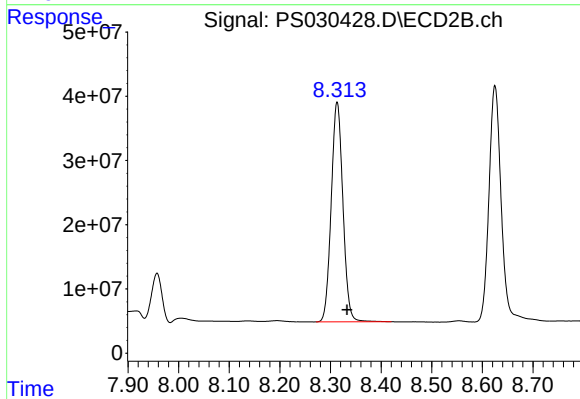
#7 MCPA

R.T.: 7.957 min
Delta R.T.: -0.026 min
Response: 106612898
Conc: 40.42 ug/ml m



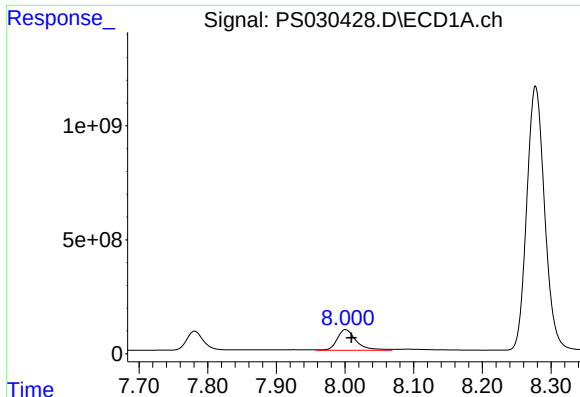
#8 DICHLORPROP

R.T.: 7.781 min
Delta R.T.: -0.008 min
Response: 1451958004
Conc: 497.02 ng/ml



#8 DICHLORPROP

R.T.: 8.313 min
Delta R.T.: -0.020 min
Response: 548906124
Conc: 464.61 ng/ml



#9 2,4-D

R.T.: 8.001 min
Delta R.T.: -0.009 min
Response: 1756799902
Conc: 535.78 ng/ml

Instrument :

ECD_S

ClientSampleId :

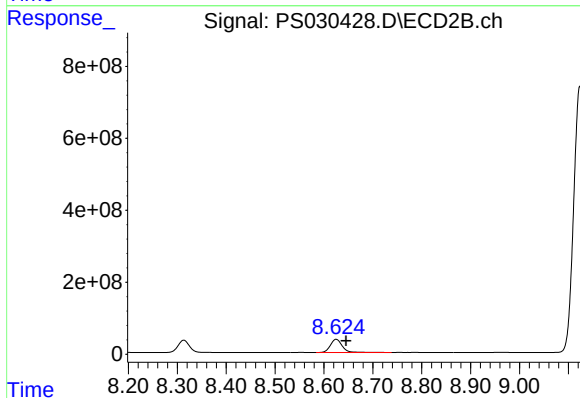
PB168172BS

Manual Integrations

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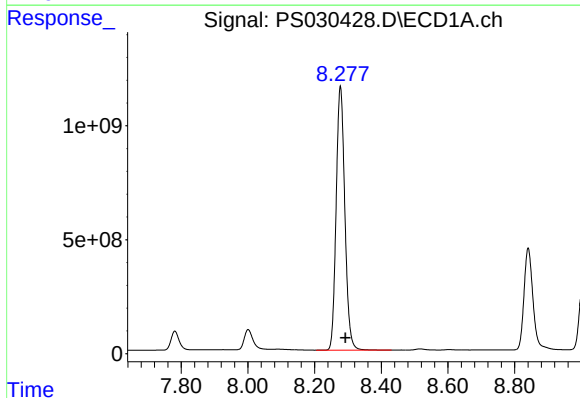
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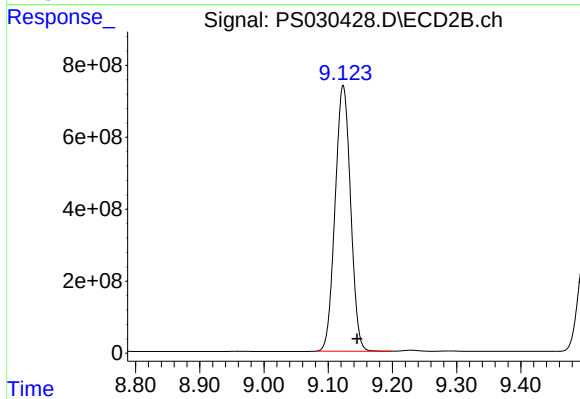
#9 2,4-D

R.T.: 8.625 min
Delta R.T.: -0.020 min
Response: 617394552
Conc: 478.41 ng/ml



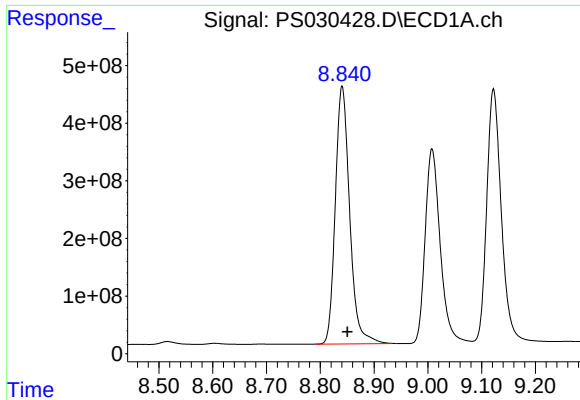
#10 Pentachlorophenol

R.T.: 8.277 min
Delta R.T.: -0.015 min
Response: 20944985922
Conc: 517.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.123 min
Delta R.T.: -0.022 min
Response: 12382037788
Conc: 501.60 ng/ml



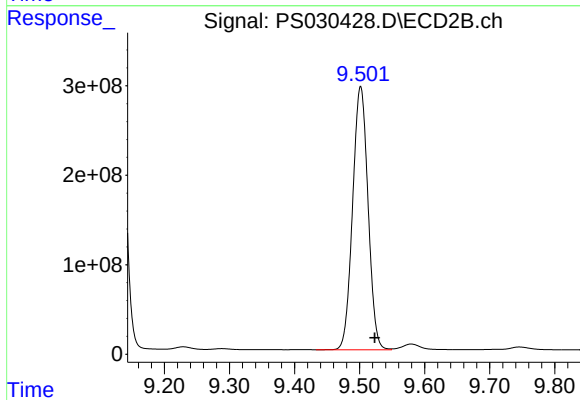
#11 2,4,5-TP (SILVEX)

R.T.: 8.840 min
Delta R.T.: -0.011 min
Response: 8288801586
Conc: 511.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

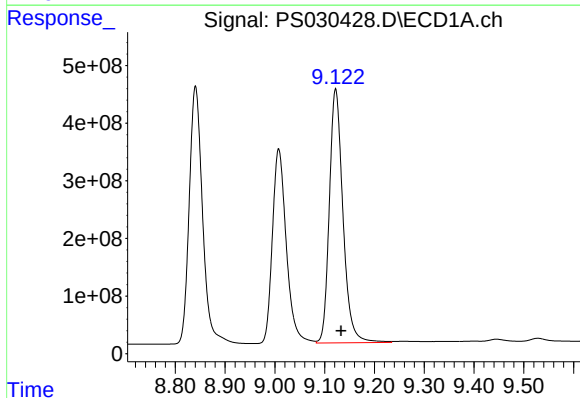
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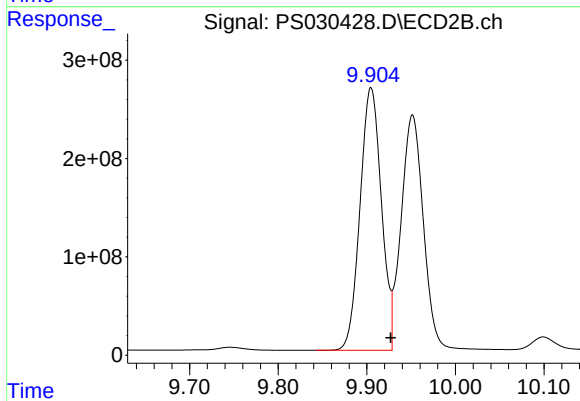
#11 2,4,5-TP (SILVEX)

R.T.: 9.502 min
Delta R.T.: -0.022 min
Response: 4836827826
Conc: 491.03 ng/ml



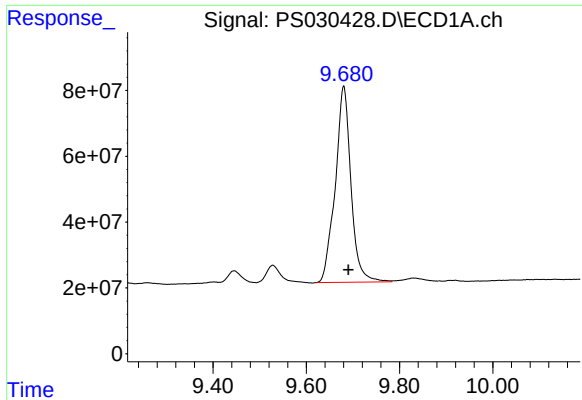
#12 2,4,5-T

R.T.: 9.122 min
Delta R.T.: -0.011 min
Response: 8375398728
Conc: 507.13 ng/ml



#12 2,4,5-T

R.T.: 9.905 min
Delta R.T.: -0.022 min
Response: 4472126110
Conc: 485.91 ng/ml



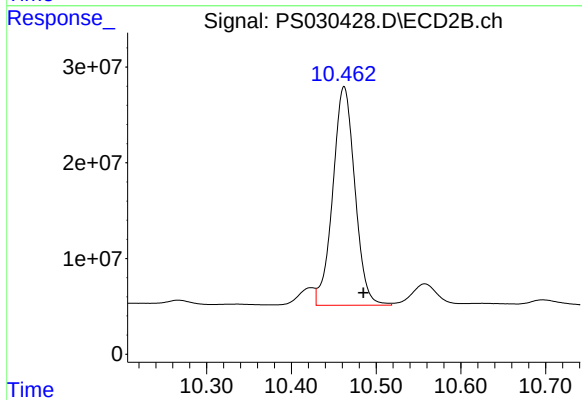
#13 2,4-DB

R.T.: 9.680 min
Delta R.T.: -0.010 min
Response: 1397009279
Conc: 535.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168172BS

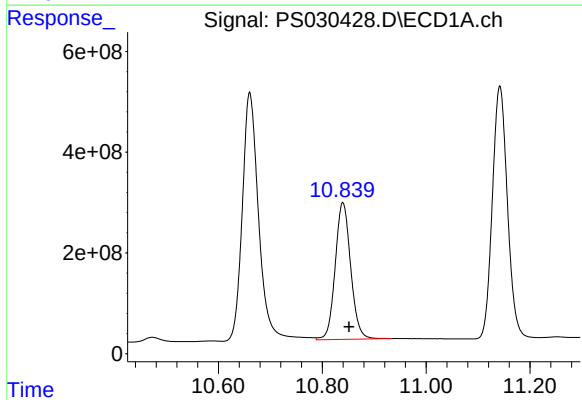
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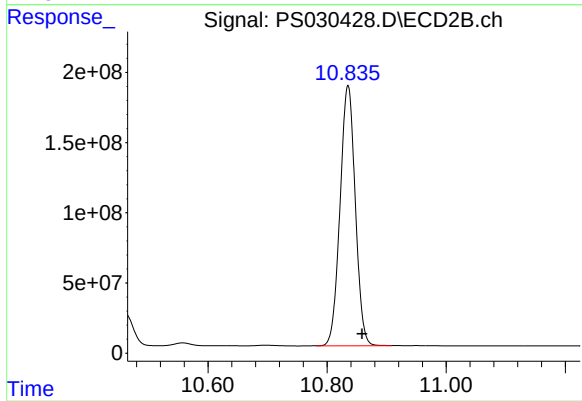
#13 2,4-DB

R.T.: 10.462 min
Delta R.T.: -0.023 min
Response: 413356687
Conc: 416.53 ng/ml



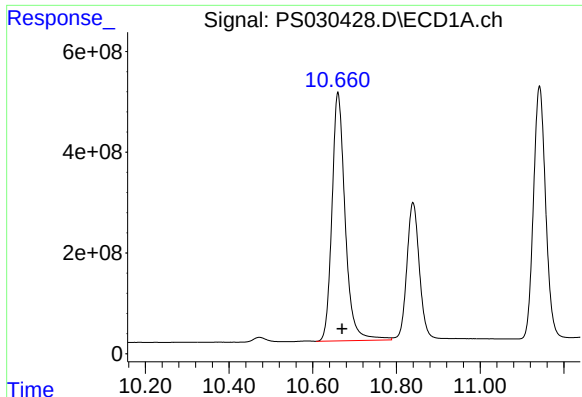
#14 DINOSEB

R.T.: 10.839 min
Delta R.T.: -0.012 min
Response: 5617771025
Conc: 491.22 ng/ml



#14 DINOSEB

R.T.: 10.835 min
Delta R.T.: -0.024 min
Response: 3291391888
Conc: 481.76 ng/ml m



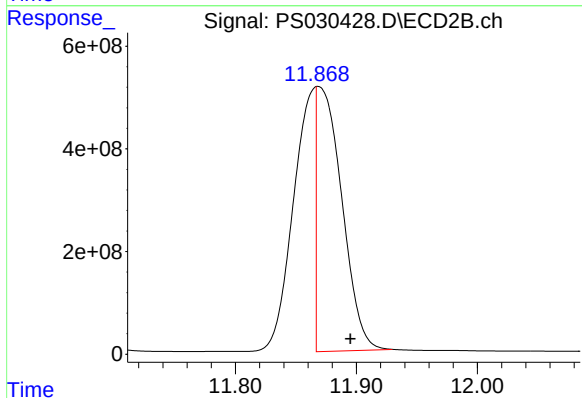
#15 Picloram

R.T.: 10.660 min
Delta R.T.: -0.010 min
Response: 10803915022
Conc: 505.16 ng/ml

Instrument :
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ClientSampleId :
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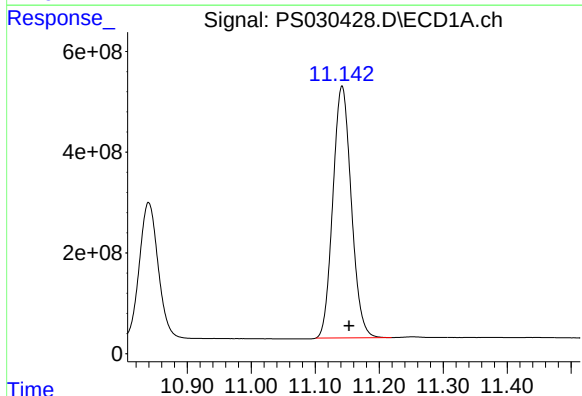
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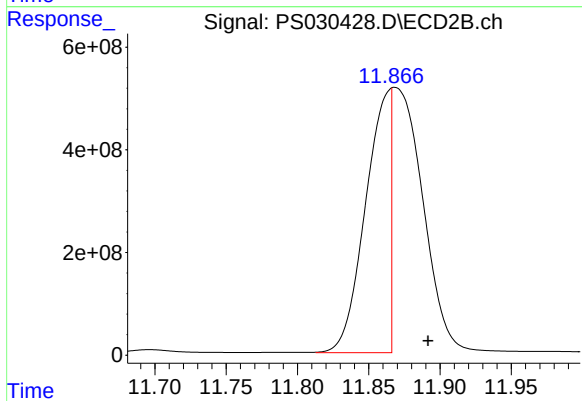
#15 Picloram

R.T.: 11.868 min
Delta R.T.: -0.027 min
Response: 7408729049
Conc: 526.45 ng/ml m



#16 DCPA

R.T.: 11.142 min
Delta R.T.: -0.011 min
Response: 9986135136
Conc: 501.53 ng/ml



#16 DCPA

R.T.: 11.866 min
Delta R.T.: -0.026 min
Response: 6406607504
Conc: 474.19 ng/ml m