

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092225\
 Data File : PS031808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 03:54
 Operator : AR\AJ
 Sample : PB169764BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169764BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/23/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 05:38:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.285	7.744	2154.5E6	503.6E6	598.205	554.081
Target Compounds							
1) T	Dalapon	2.671	2.691	2912.3E6	1386.3E6	503.801	492.015
2) T	3,5-DICHL...	6.452	6.697	2904.8E6	818.7E6	544.653	536.862
3) T	4-Nitroph...	7.096	7.300	698.9E6	572.0E6	633.530	452.942 #
5) T	DICAMBA	7.468	7.939	8609.2E6	3427.6E6	551.988	526.762
6) T	MCPD	7.645	8.035	466.6E6	100.9E6	52.199	53.574
7) T	MCPA	7.794	8.282	581.2E6	142.9E6	52.307	51.014
8) T	DICHLORPROP	8.176	8.659	1959.8E6	798.2E6	550.237	548.567
9) T	2,4-D	8.414	9.003	1974.0E6	873.2E6	576.252	530.788
10) T	Pentachlo...	8.707	9.509	32153.9E6	22056.8E6	605.605	555.718
11) T	2,4,5-TP ...	9.284	9.893	11930.6E6	8079.9E6	568.836	536.713
12) T	2,4,5-T	9.581	10.323	11015.6E6	7158.3E6	602.004	531.942
13) T	2,4-DB	10.157	10.891	1488.3E6	512.8E6	638.018	479.232m
14) T	DINOSEB	11.353	11.266	8457.3E6	5470.0E6	586.385	562.721
15) T	Picloram	11.183	12.389	10914.2E6	12180.1E6	605.970	514.290
16) T	DCPA	11.651	12.307	15825.5E6	13528.6E6	587.221	561.258

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

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ALS Vial : 25 Sample Multiplier: 1

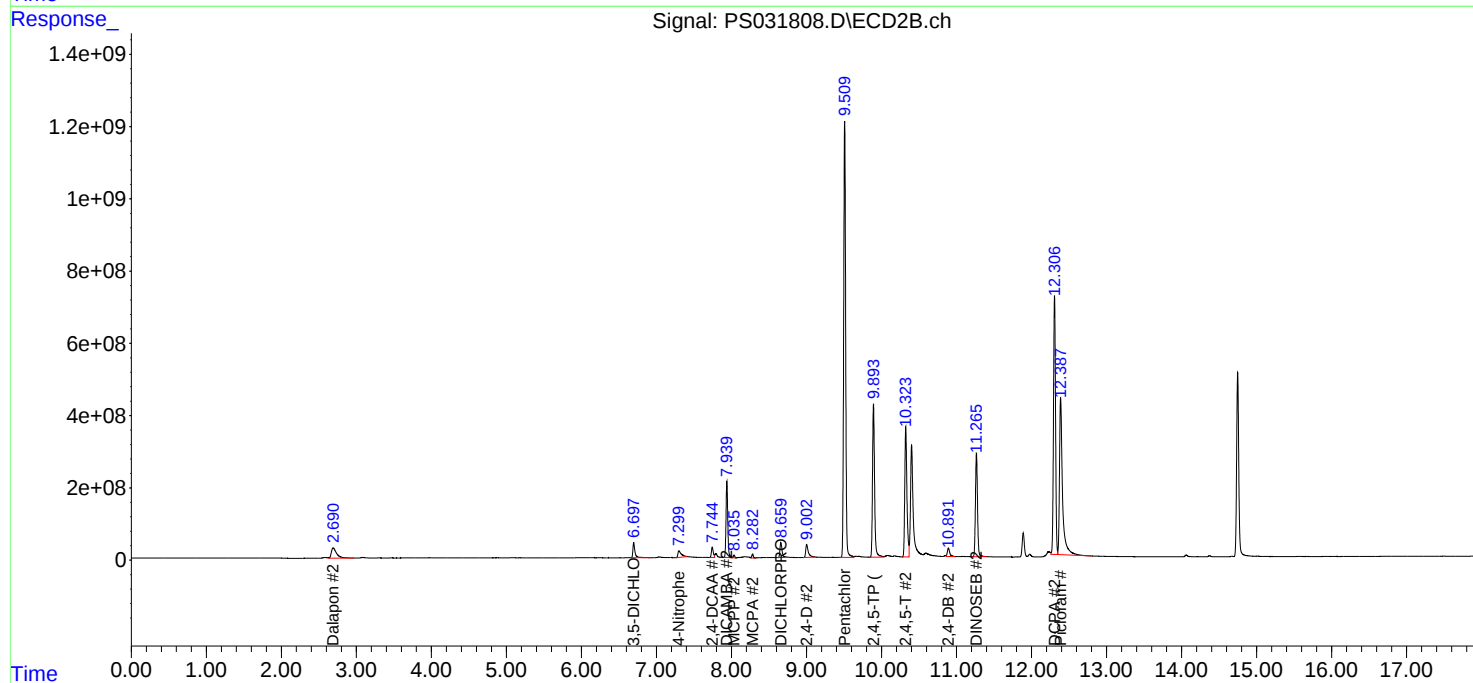
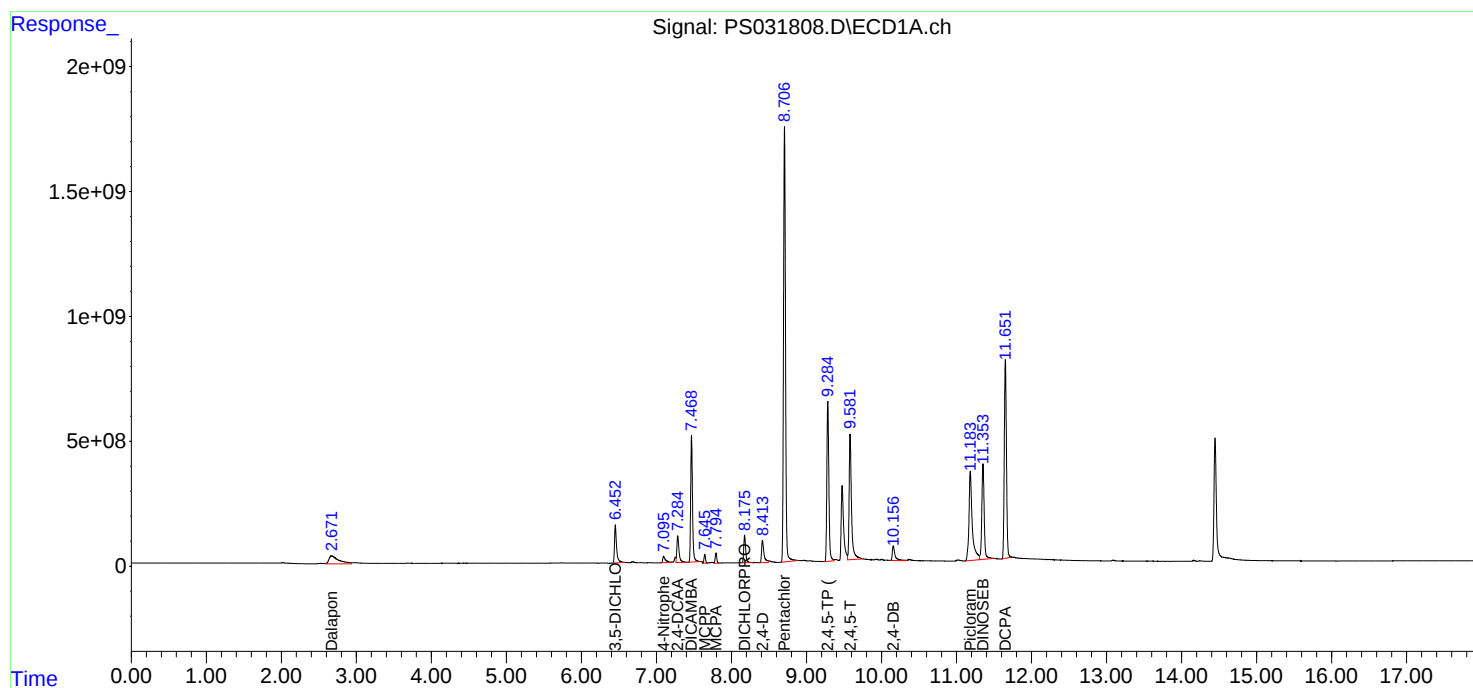
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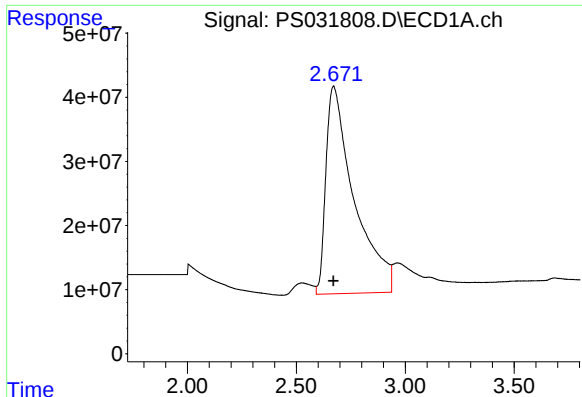
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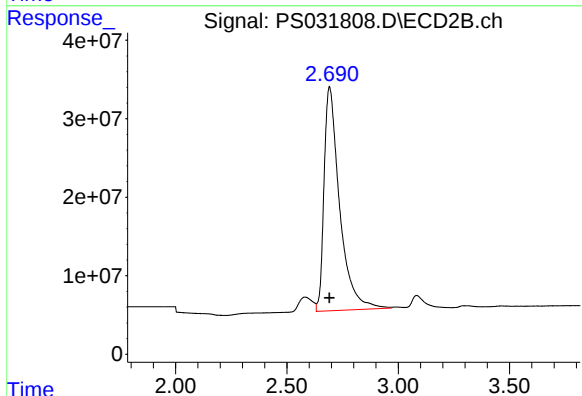
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 2912346598
Conc: 503.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169764BS

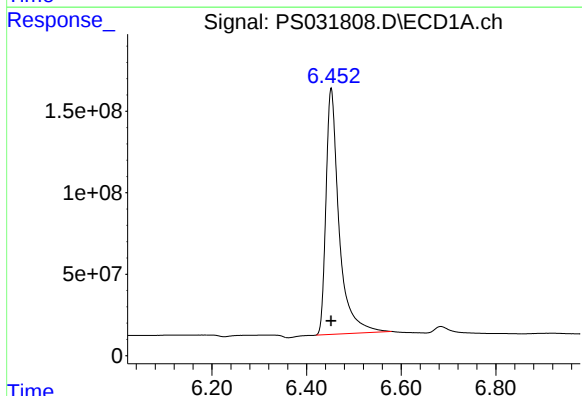
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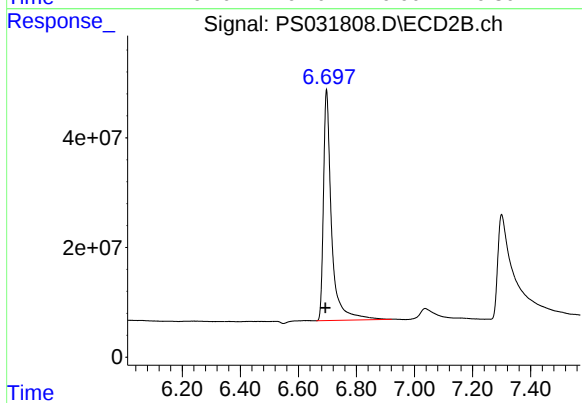
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1386314802
Conc: 492.01 ng/ml



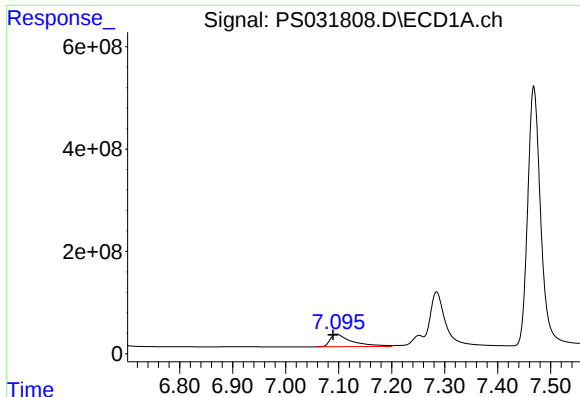
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 2904828404
Conc: 544.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 818696259
Conc: 536.86 ng/ml



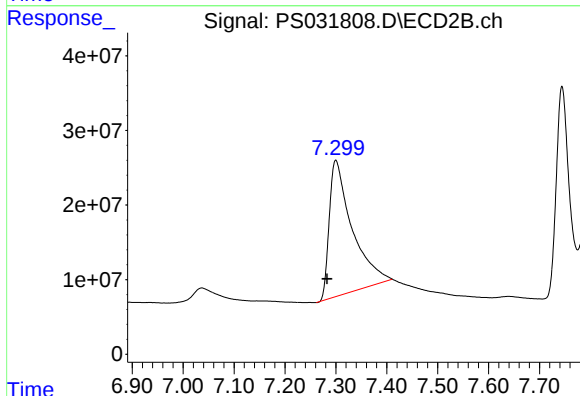
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: 0.006 min
Response: 698916166
Conc: 633.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169764BS

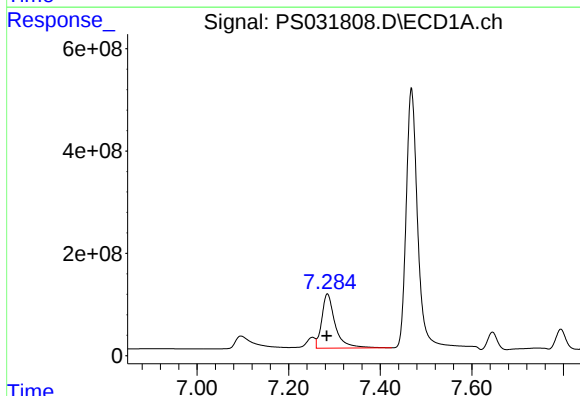
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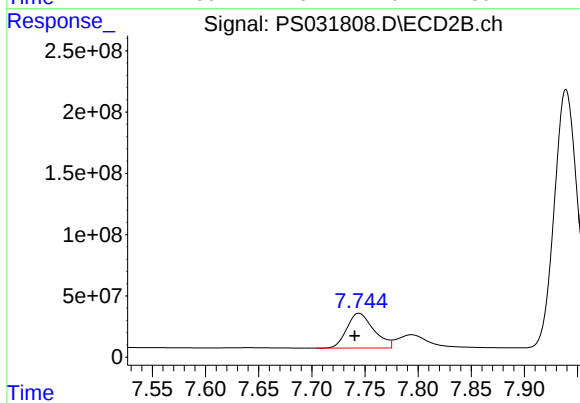
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.017 min
Response: 571969254
Conc: 452.94 ng/ml



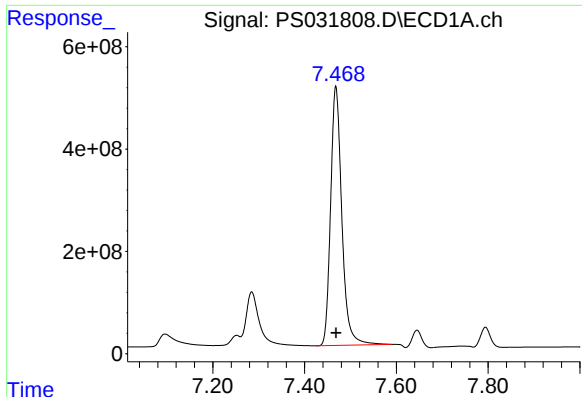
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2154451405
Conc: 598.20 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.004 min
Response: 503604032
Conc: 554.08 ng/ml



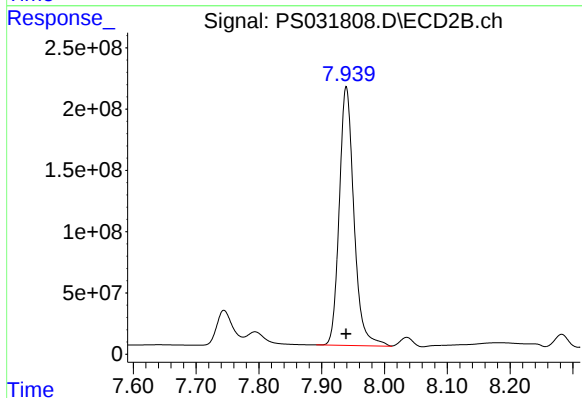
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 8609202170
Conc: 551.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169764BS

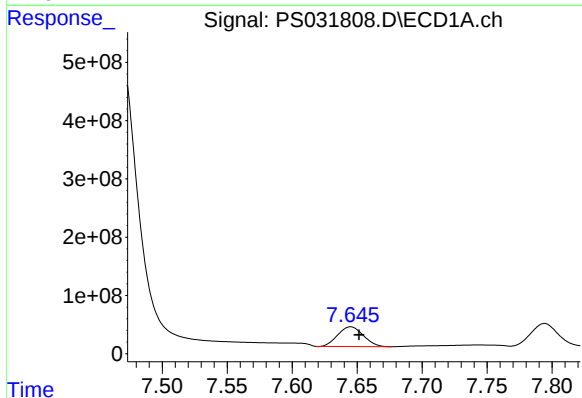
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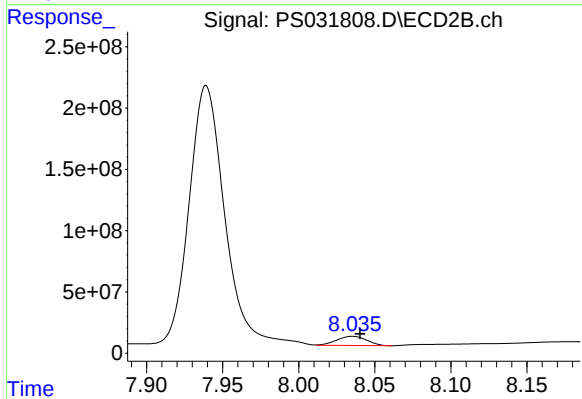
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 3427558213
Conc: 526.76 ng/ml



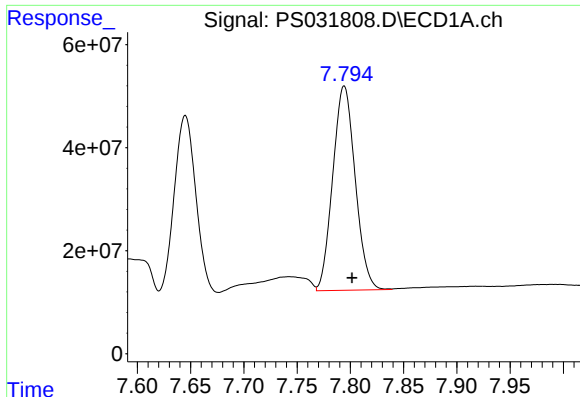
#6 MCP

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 466621551
Conc: 52.20 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 100901663
Conc: 53.57 ug/ml



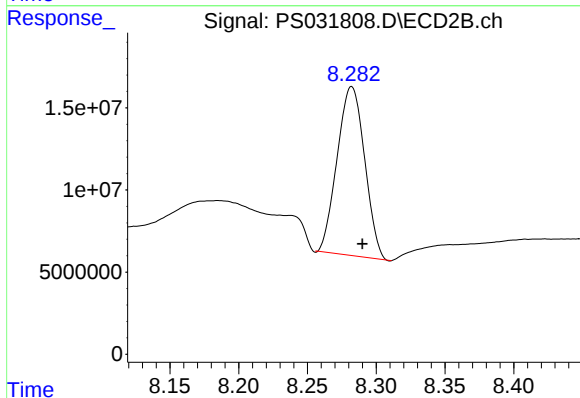
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.007 min
Response: 581155696
Conc: 52.31 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169764BS

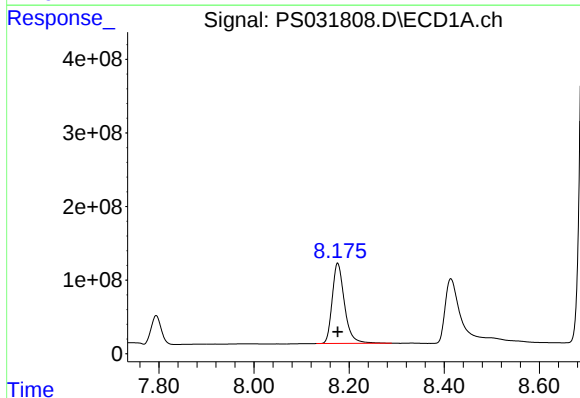
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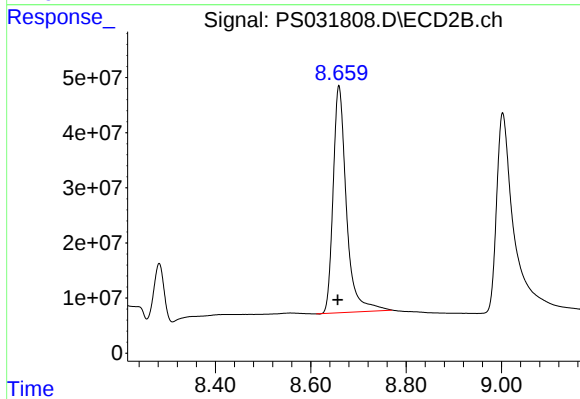
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 142900551
Conc: 51.01 ug/ml



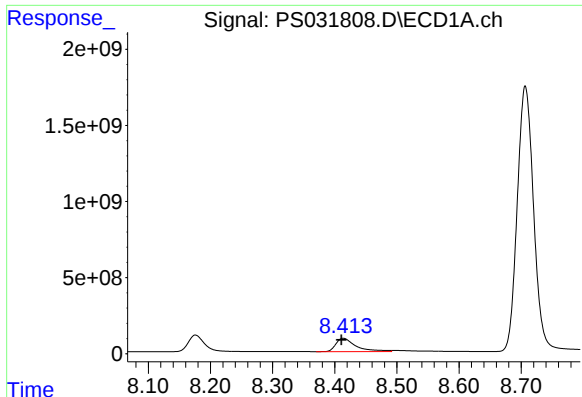
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 1959811842
Conc: 550.24 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 798198280
Conc: 548.57 ng/ml



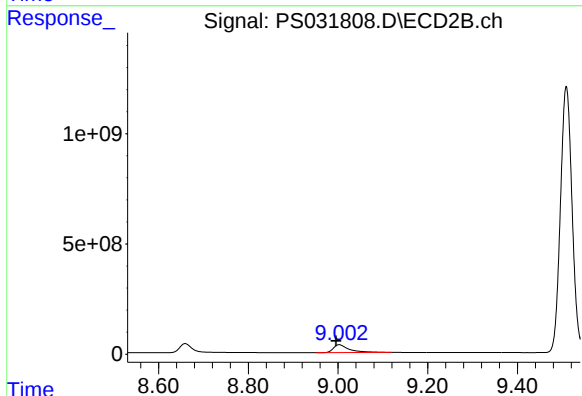
#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.003 min
Response: 1974033059
Conc: 576.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169764BS

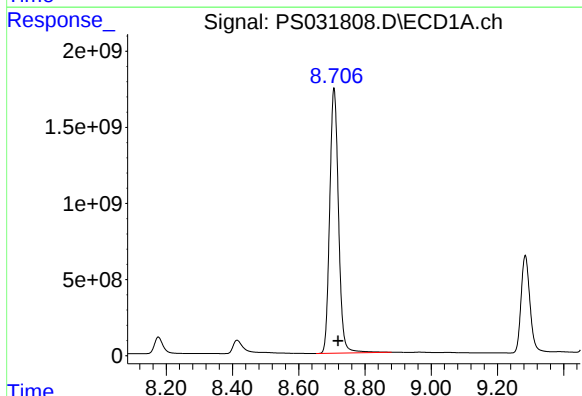
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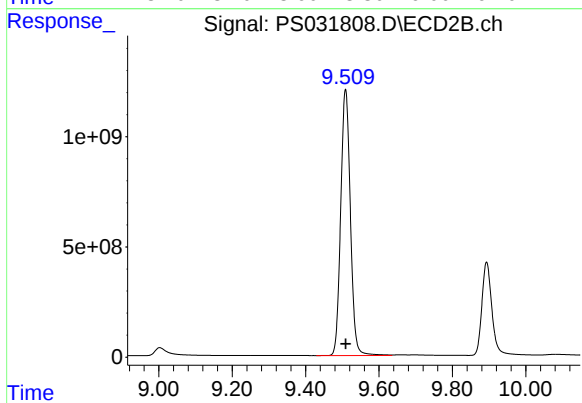
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 873204178
Conc: 530.79 ng/ml



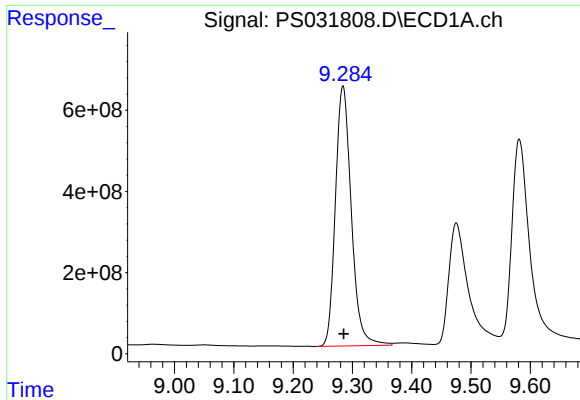
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 32153894501
Conc: 605.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 22056763964
Conc: 555.72 ng/ml



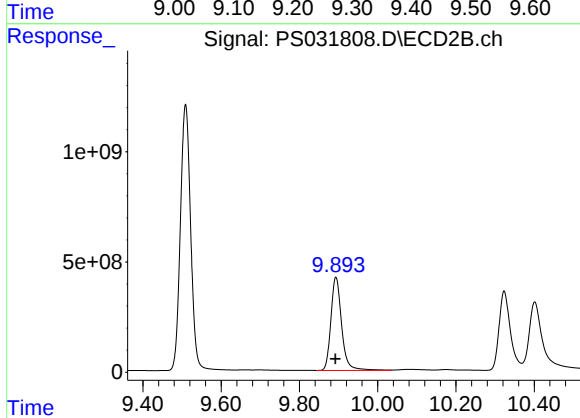
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 11930578773
Conc: 568.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169764BS

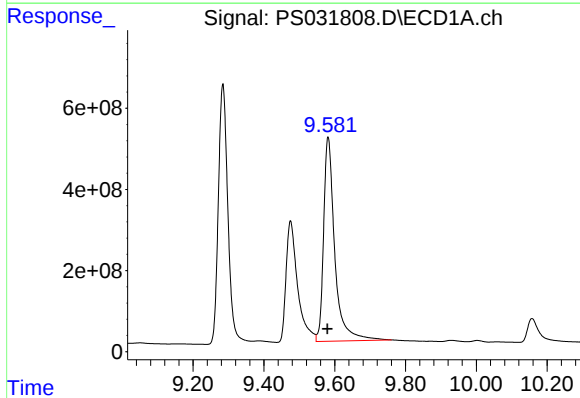
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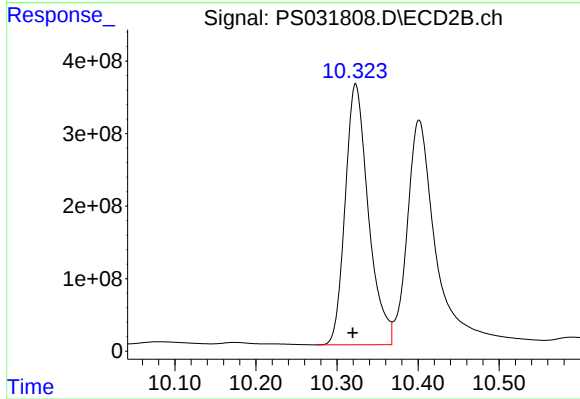
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.001 min
Response: 8079851791
Conc: 536.71 ng/ml



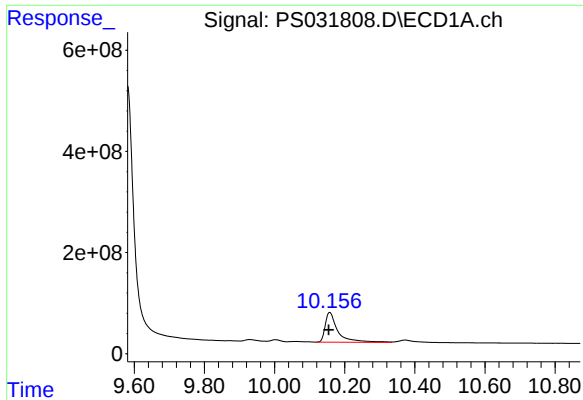
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.002 min
Response: 11015580145
Conc: 602.00 ng/ml



#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 7158346835
Conc: 531.94 ng/ml



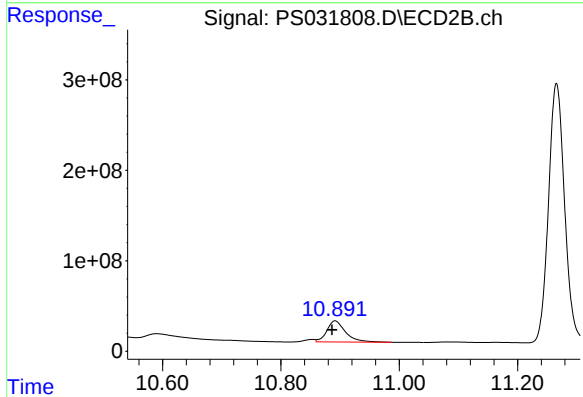
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.003 min
Response: 1488347757
Conc: 638.02 ng/ml

Instrument :
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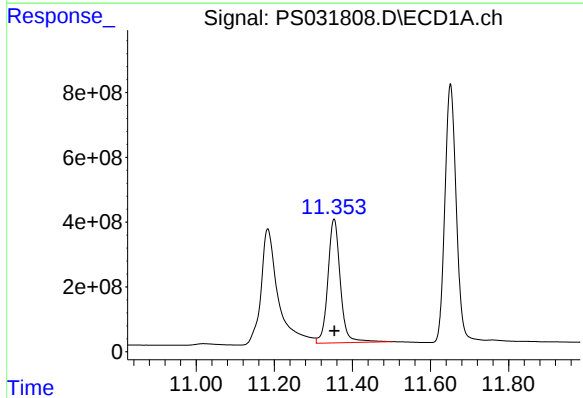
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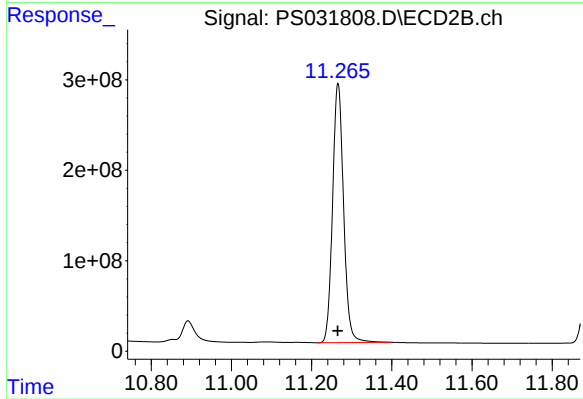
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.004 min
Response: 512799538
Conc: 479.23 ng/ml m



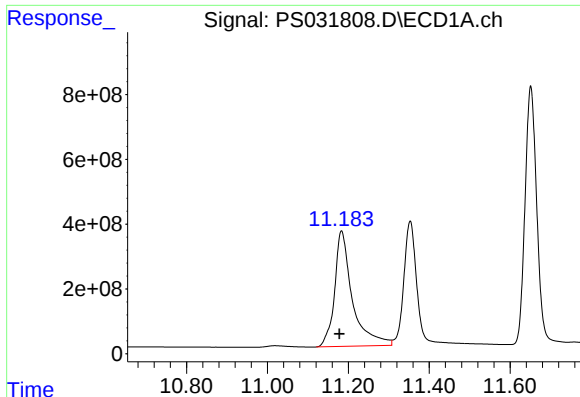
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 8457255575
Conc: 586.39 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 5470034514
Conc: 562.72 ng/ml



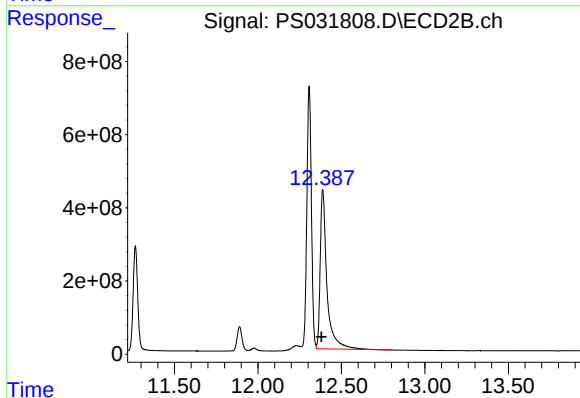
#15 Picloram

R.T.: 11.183 min
Delta R.T.: 0.005 min
Response: 10914166587
Conc: 605.97 ng/ml

Instrument :
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ClientSampleId :
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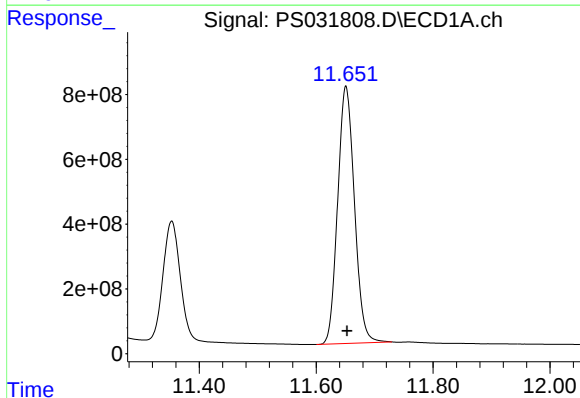
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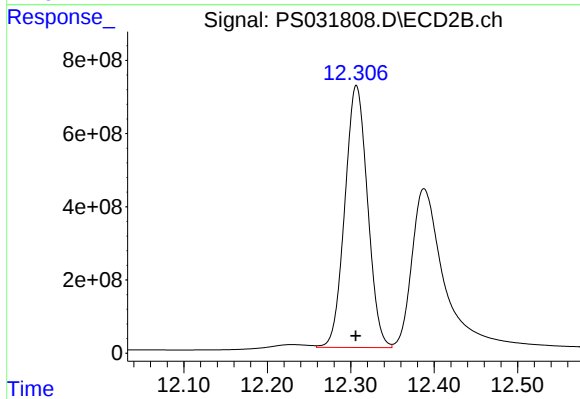
#15 Picloram

R.T.: 12.389 min
Delta R.T.: 0.009 min
Response: 12180050788
Conc: 514.29 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.002 min
Response: 15825531965
Conc: 587.22 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.000 min
Response: 13528626909
Conc: 561.26 ng/ml