

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 22:14
 Operator : AR\AJ
 Sample : Q2296-13MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 04:16:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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	7.350	7.770	1706.8E6	547.9E6	453.850	507.451
Target Compounds							
1) T	Dalapon	2.691	2.707	1174.6E6	461.6E6	187.800m	164.043m
2) T	3,5-DICHL...	6.509	6.714	1840.6E6	576.7E6	338.538m	356.528
3) T	4-Nitroph...	7.150	7.300	564.0E6	566.7E6	345.972	332.397
5) T	DICAMBA	7.541	7.971	5000.5E6	2091.5E6	319.610	315.436
6) T	MCP	7.720	8.068	270.8E6	56717727	28.474	25.765
7) T	MCPA	7.871	8.316	362.1E6	80960357	30.387	25.252
8) T	DICHLORPROP	8.256	8.690	1299.5E6	548.5E6	353.590	357.966
9) T	2,4-D	8.488	9.026	1421.0E6	635.9E6	417.893	379.299
10) T	Pentachlo...	8.796	9.551	15494.4E6	10640.3E6	299.754	280.479
11) T	2,4,5-TP ...	9.378	9.932	7214.7E6	5142.3E6	360.613	358.232
12) T	2,4,5-T	9.671	10.358	6020.2E6	4756.9E6	362.049	344.992
13) T	2,4-DB	10.250	10.925	718.3E6	401.7E6	290.685m	338.566
14) T	DINOSEB	11.468	11.316	454.7E6	705.6E6	32.110m	64.394 #
15) T	Picloram	11.277	12.419	5249.7E6	6473.5E6	314.426	270.001
16) T	DCPA	11.763	12.356	6192.7E6	6818.3E6	238.407	317.489 #

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

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Acq On : 16 Jun 2025 22:14
Operator : AR\AJ
Sample : Q2296-13MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

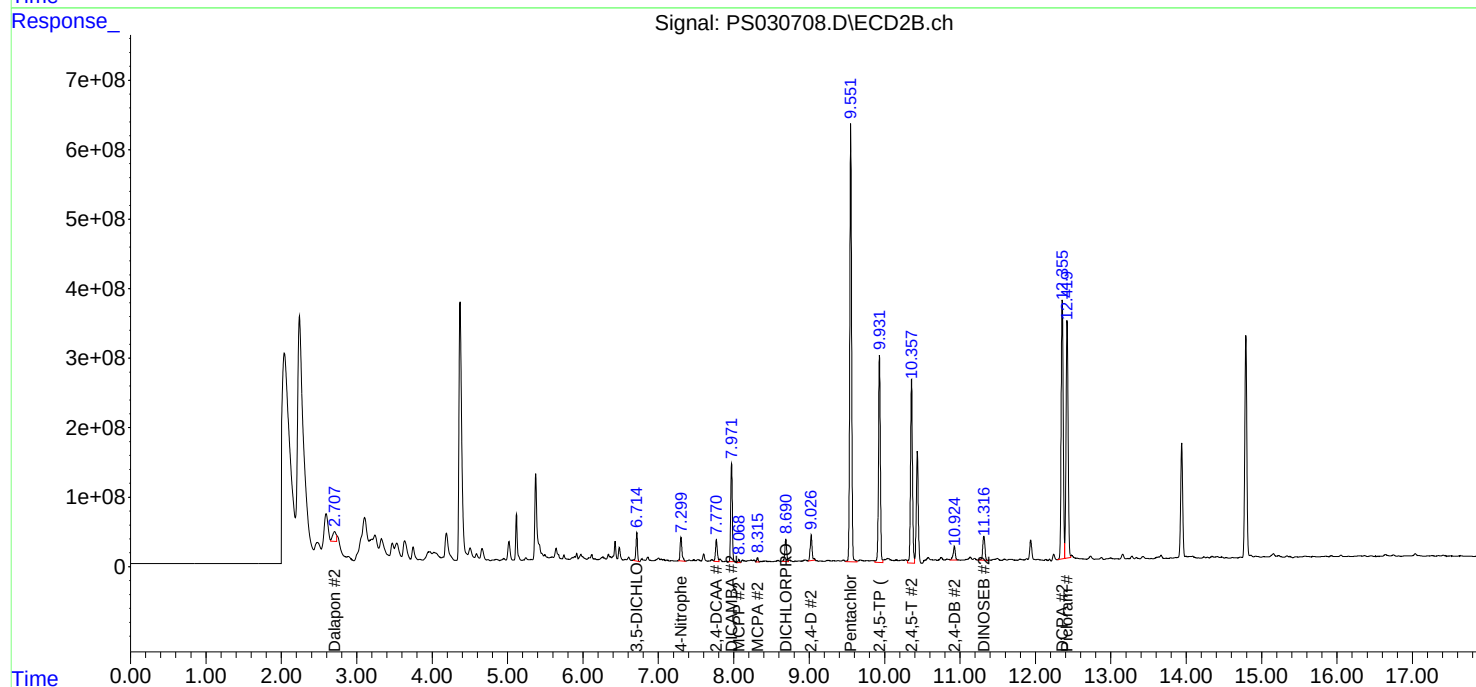
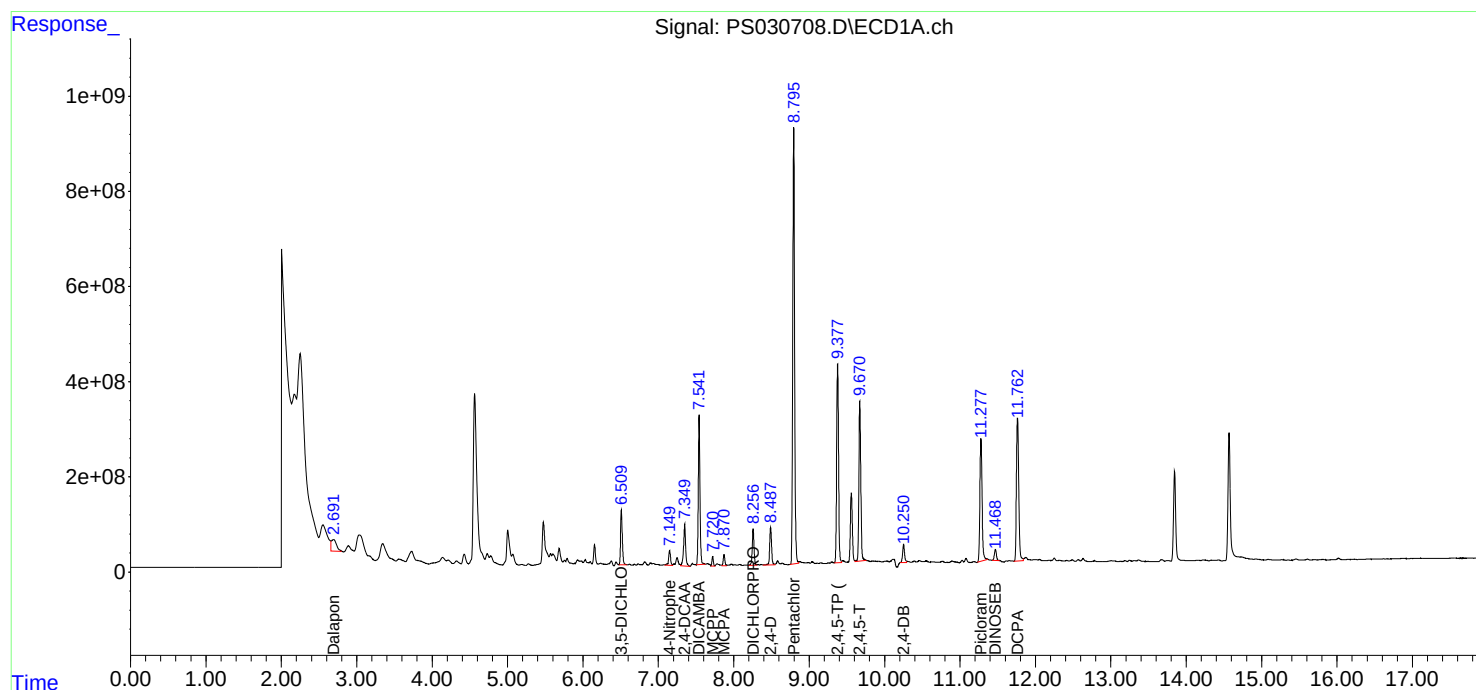
Instrument :
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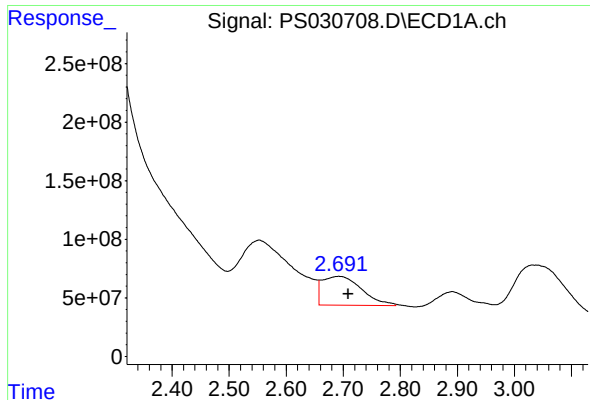
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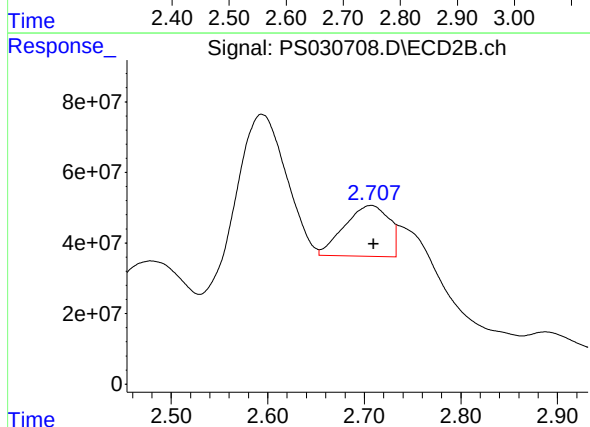
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: -0.018 min
Response: 1174640266
Conc: 187.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

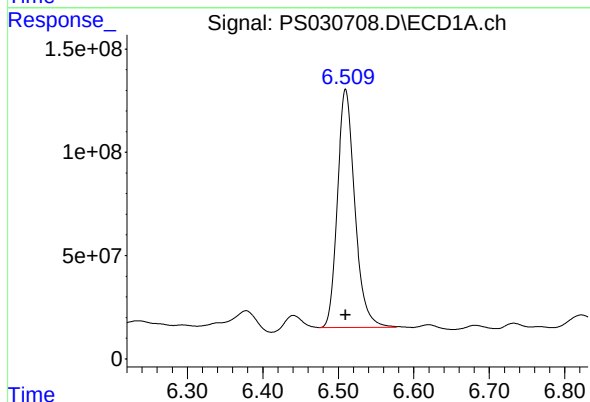
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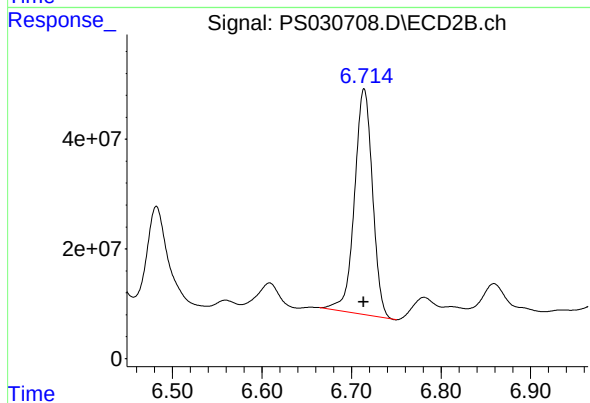
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.003 min
Response: 461642318
Conc: 164.04 ng/ml



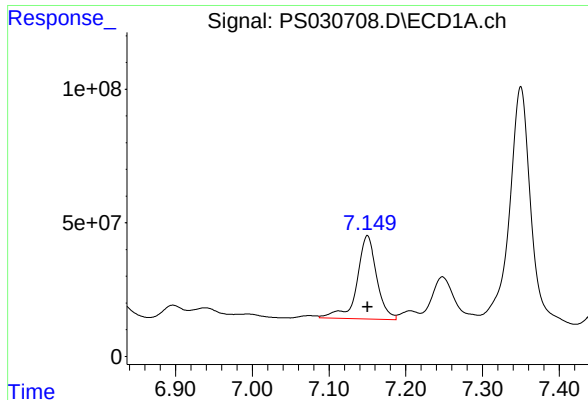
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 1840648810
Conc: 338.54 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 576749037
Conc: 356.53 ng/ml



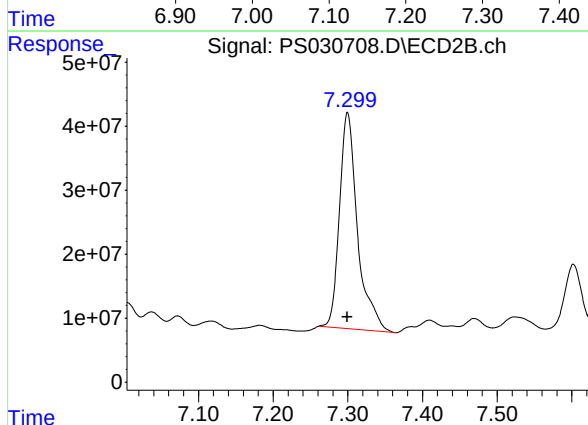
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 564020668
Conc: 345.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

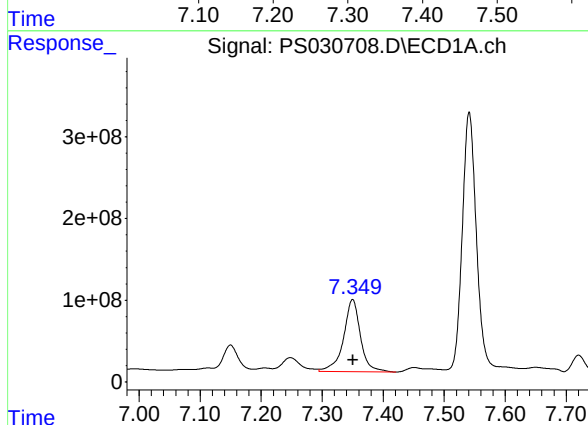
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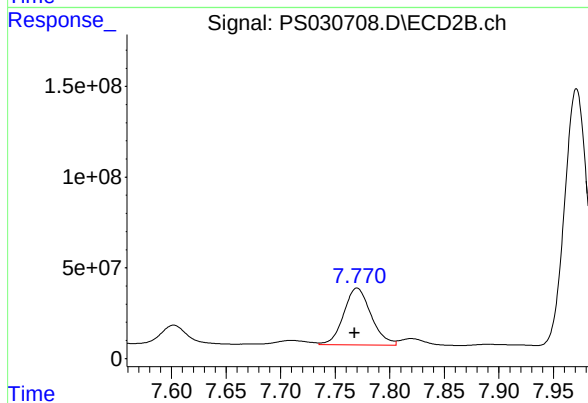
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 566686008
Conc: 332.40 ng/ml



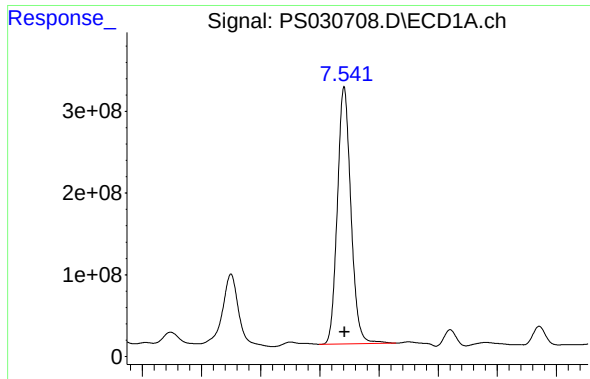
#4 2,4-DCAA

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 1706846932
Conc: 453.85 ng/ml



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 547890720
Conc: 507.45 ng/ml



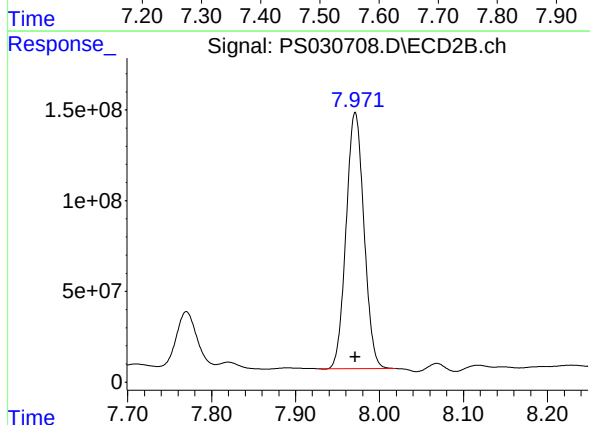
#5 DICAMBA

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 5000478734
Conc: 319.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

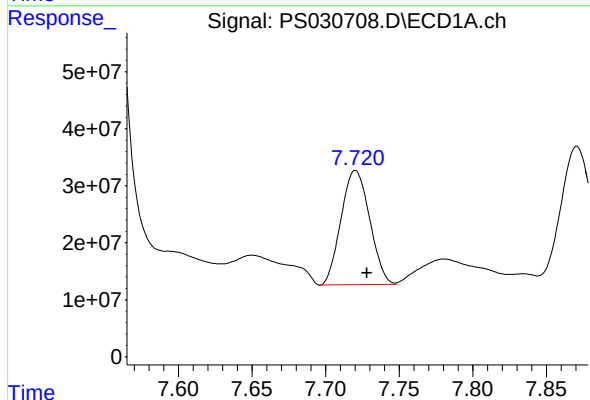
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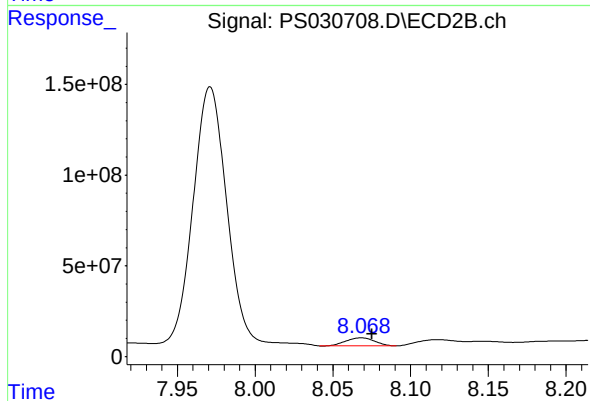
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 2091502353
Conc: 315.44 ng/ml



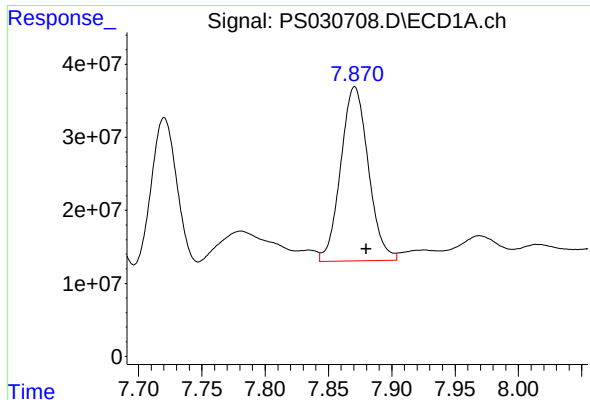
#6 MCP

R.T.: 7.720 min
Delta R.T.: -0.008 min
Response: 270815730
Conc: 28.47 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.007 min
Response: 56717727
Conc: 25.76 ug/ml



#7 MCPA

R.T.: 7.871 min
Delta R.T.: -0.009 min
Response: 362125011
Conc: 30.39 ug/ml

Instrument :

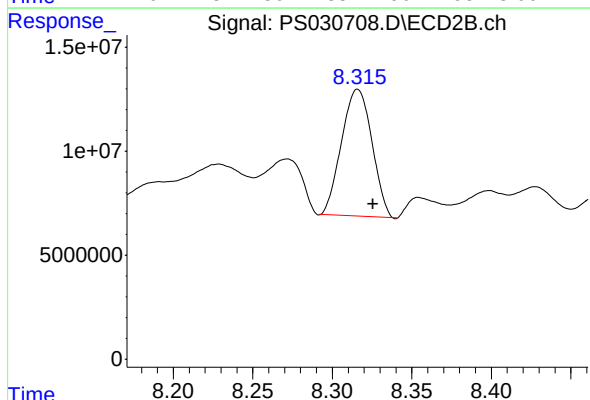
ECD_S

ClientSampleId :

WC-4MS

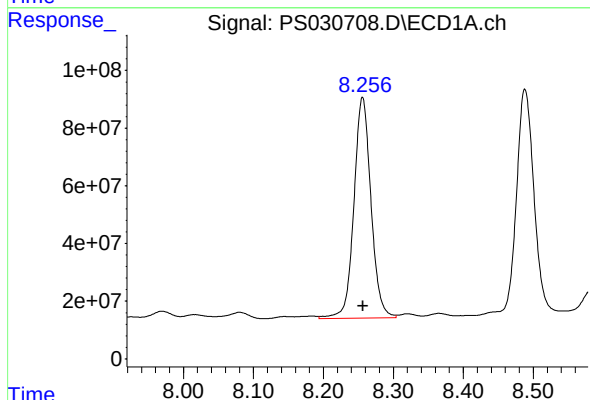
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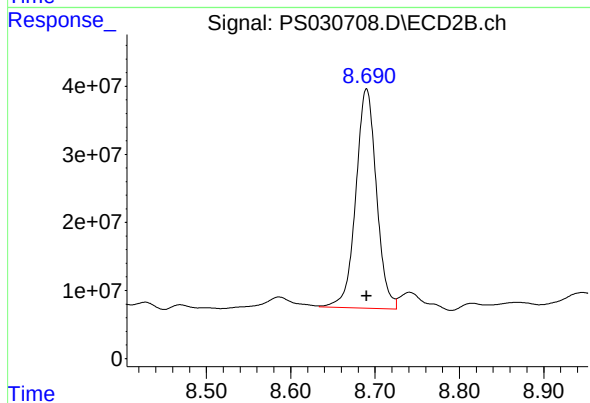
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.010 min
Response: 80960357
Conc: 25.25 ug/ml



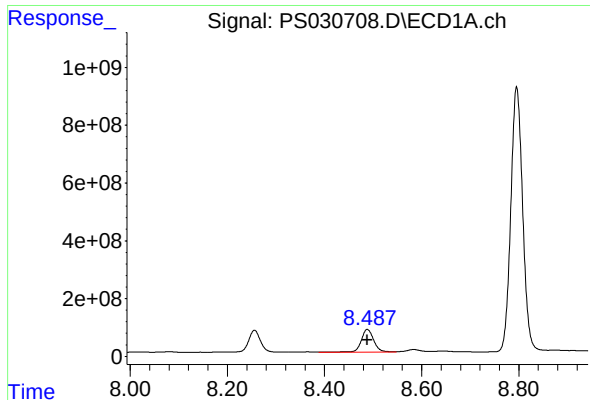
#8 DICHLORPROP

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 1299538738
Conc: 353.59 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 548534936
Conc: 357.97 ng/ml



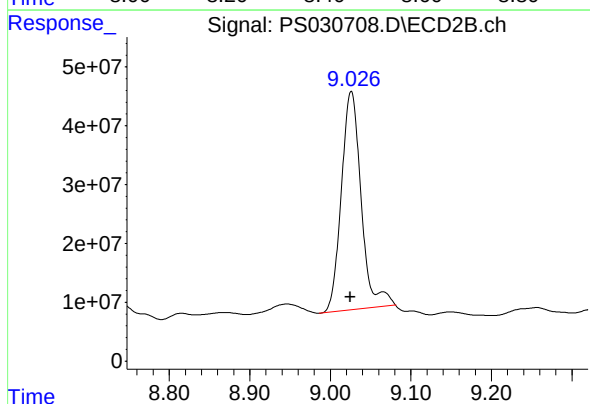
#9 2,4-D

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 1420986799
Conc: 417.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

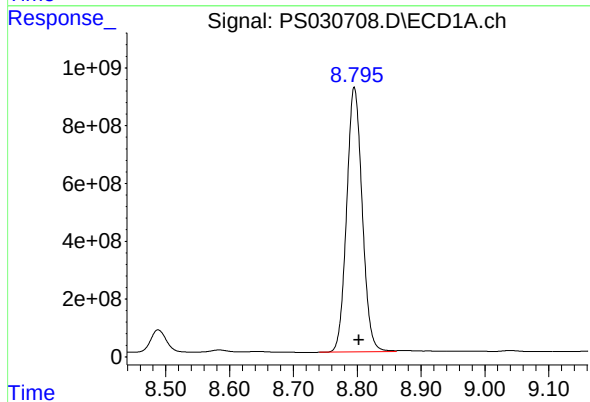
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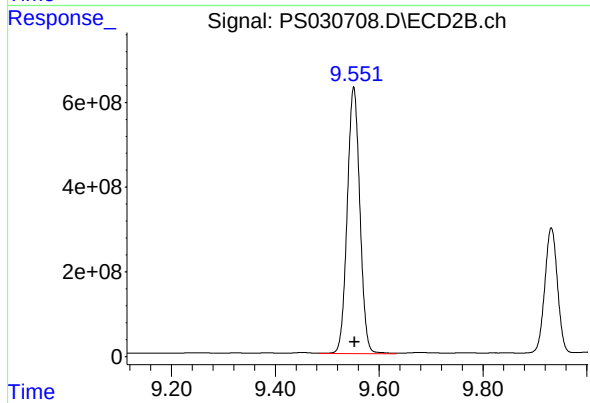
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 635874258
Conc: 379.30 ng/ml



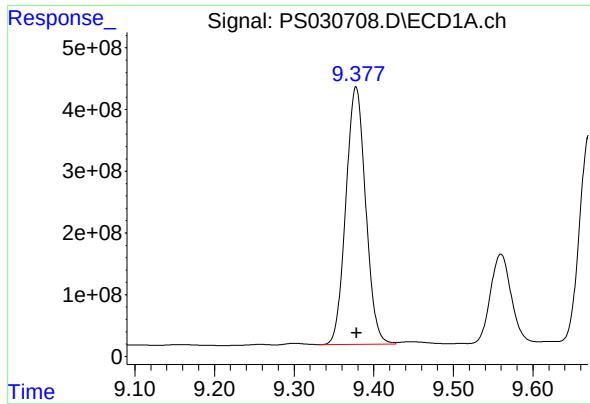
#10 Pentachlorophenol

R.T.: 8.796 min
Delta R.T.: -0.007 min
Response: 15494409592
Conc: 299.75 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 10640251629
Conc: 280.48 ng/ml



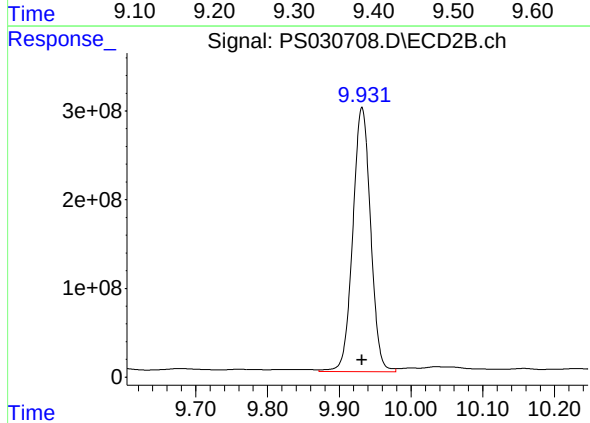
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 7214725750
Conc: 360.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

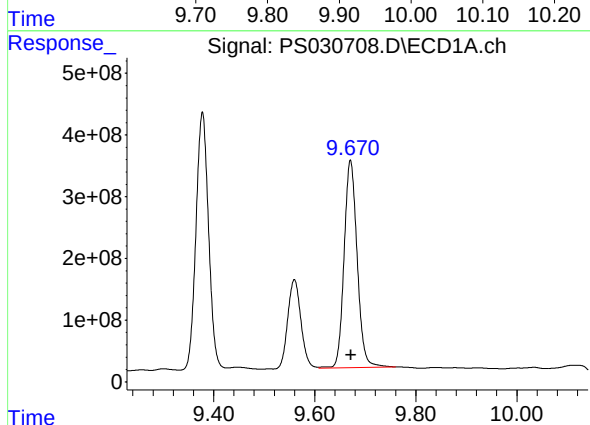
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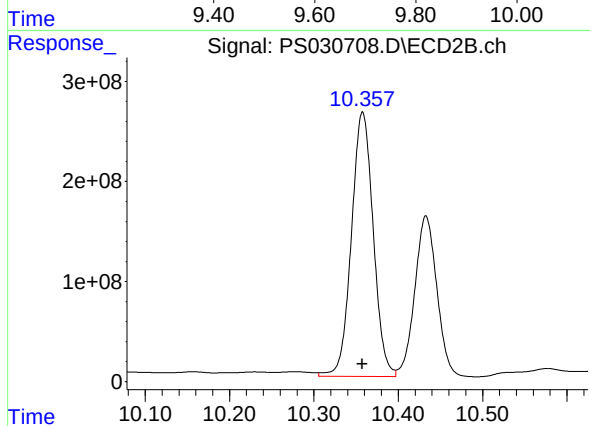
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 5142270302
Conc: 358.23 ng/ml



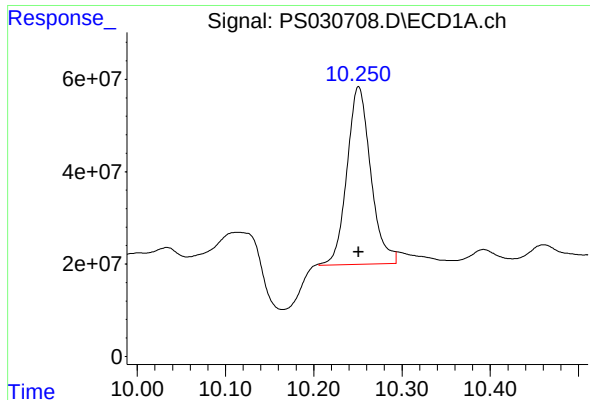
#12 2,4,5-T

R.T.: 9.671 min
Delta R.T.: -0.001 min
Response: 6020169897
Conc: 362.05 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 4756931368
Conc: 344.99 ng/ml



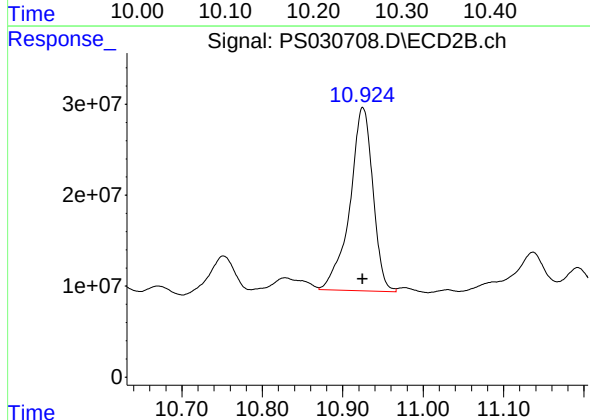
#13 2,4-DB

R.T.: 10.250 min
Delta R.T.: 0.000 min
Response: 718326908
Conc: 290.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MS

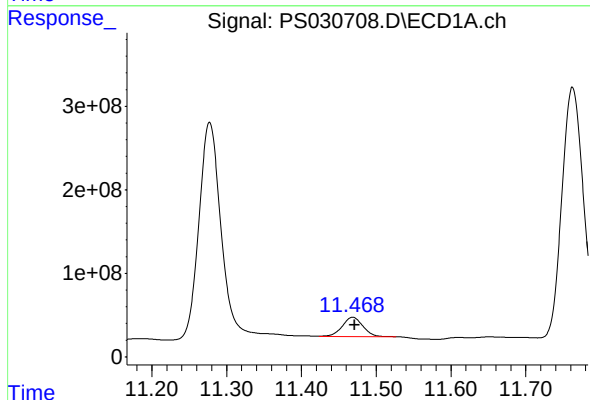
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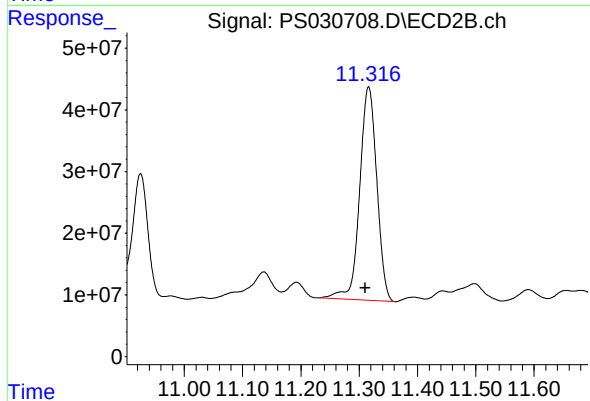
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 401727577
Conc: 338.57 ng/ml



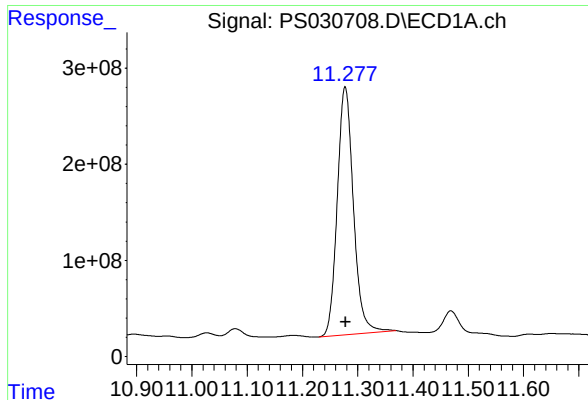
#14 DINOSEB

R.T.: 11.468 min
Delta R.T.: -0.003 min
Response: 454716251
Conc: 32.11 ng/ml m



#14 DINOSEB

R.T.: 11.316 min
Delta R.T.: 0.006 min
Response: 705588517
Conc: 64.39 ng/ml



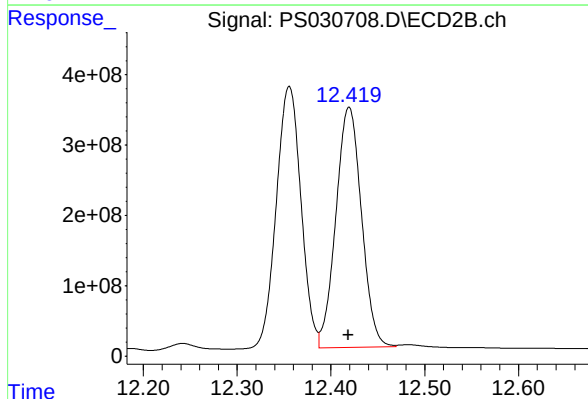
#15 Picloram

R.T.: 11.277 min
Delta R.T.: 0.000 min
Response: 5249725501
Conc: 314.43 ng/ml

Instrument :
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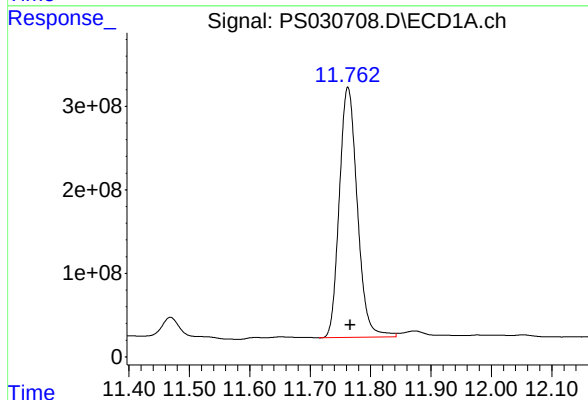
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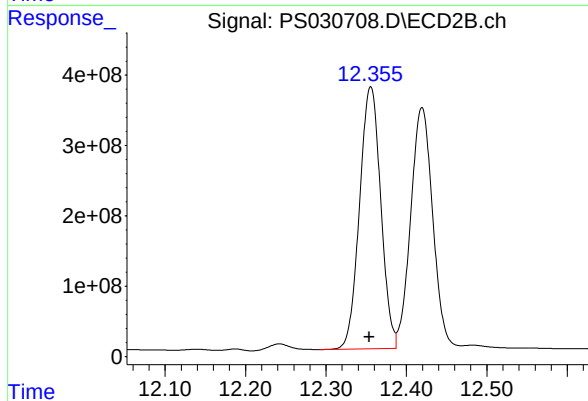
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 6473505046
Conc: 270.00 ng/ml



#16 DCPA

R.T.: 11.763 min
Delta R.T.: -0.004 min
Response: 6192658737
Conc: 238.41 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: 0.002 min
Response: 6818251122
Conc: 317.49 ng/ml