

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040225\
 Data File : PS029662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2025 21:32
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS040225

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/03/2025
 Supervised By : mohammad ahmed 04/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 22:04:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 21:58:31 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 x 0.5 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	6.962	7.474	1498.3E6	503.3E6	734.900	738.464
Target Compounds							
1) T	Dalapon	2.462	2.533	2190.2E6	1024.0E6	645.618	645.003
2) T	3,5-DICHL...	6.164	6.469	2082.1E6	662.8E6	692.238	686.463
3) T	4-Nitroph...	6.752	7.009	957.2E6	475.6E6	681.345	670.774
5) T	DICAMBA	7.138	7.661	5694.1E6	2612.2E6	684.231	707.267
6) T	MCPD	7.317	7.767	392.2E6	118.2E6	72.358	70.010
7) T	MCPA	7.460	7.998	518.2E6	157.7E6	71.284	69.331
8) T	DICHLORPROP	7.820	8.356	1603.0E6	696.5E6	728.820	720.851
9) T	2,4-D	8.041	8.670	1760.6E6	789.5E6	730.675	732.044
10) T	Pentachlo...	8.319	9.173	22517.6E6	12981.3E6	740.590	724.092
11) T	2,4,5-TP ...	8.886	9.551	8387.3E6	5243.7E6	722.086	726.984
12) T	2,4,5-T	9.168	9.956	8196.2E6	4791.7E6	712.435	714.872
13) T	2,4-DB	9.728	10.513	1209.9E6	524.8E6	665.952	707.282
14) T	DINOSEB	10.894	10.886	5970.8E6	3628.9E6	707.265	709.775
15) T	Picloram	10.711	11.928	11195.9E6	9179.9E6	722.295	783.175m
16) T	DCPA	11.194	11.916	10250.4E6	6152.8E6	733.951	667.456m

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

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Acq On : 02 Apr 2025 21:32
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 14 Sample Multiplier: 1

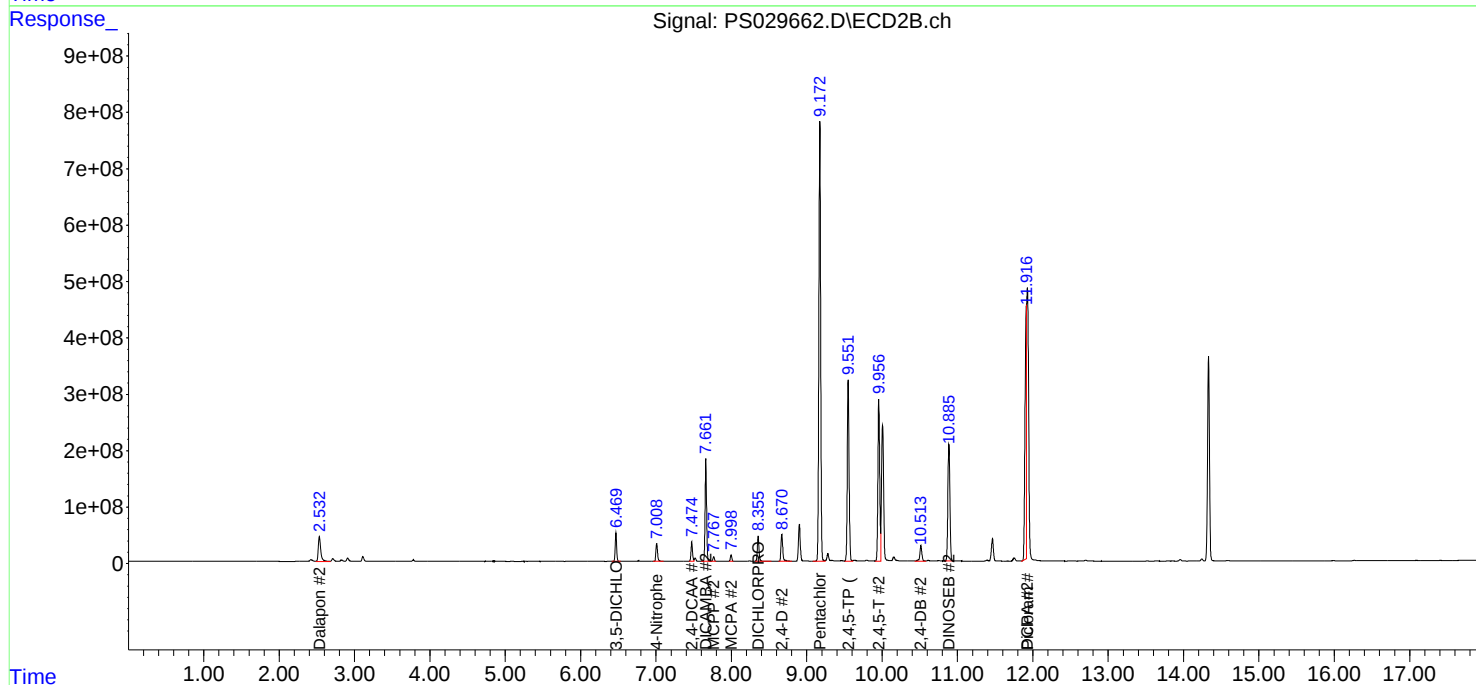
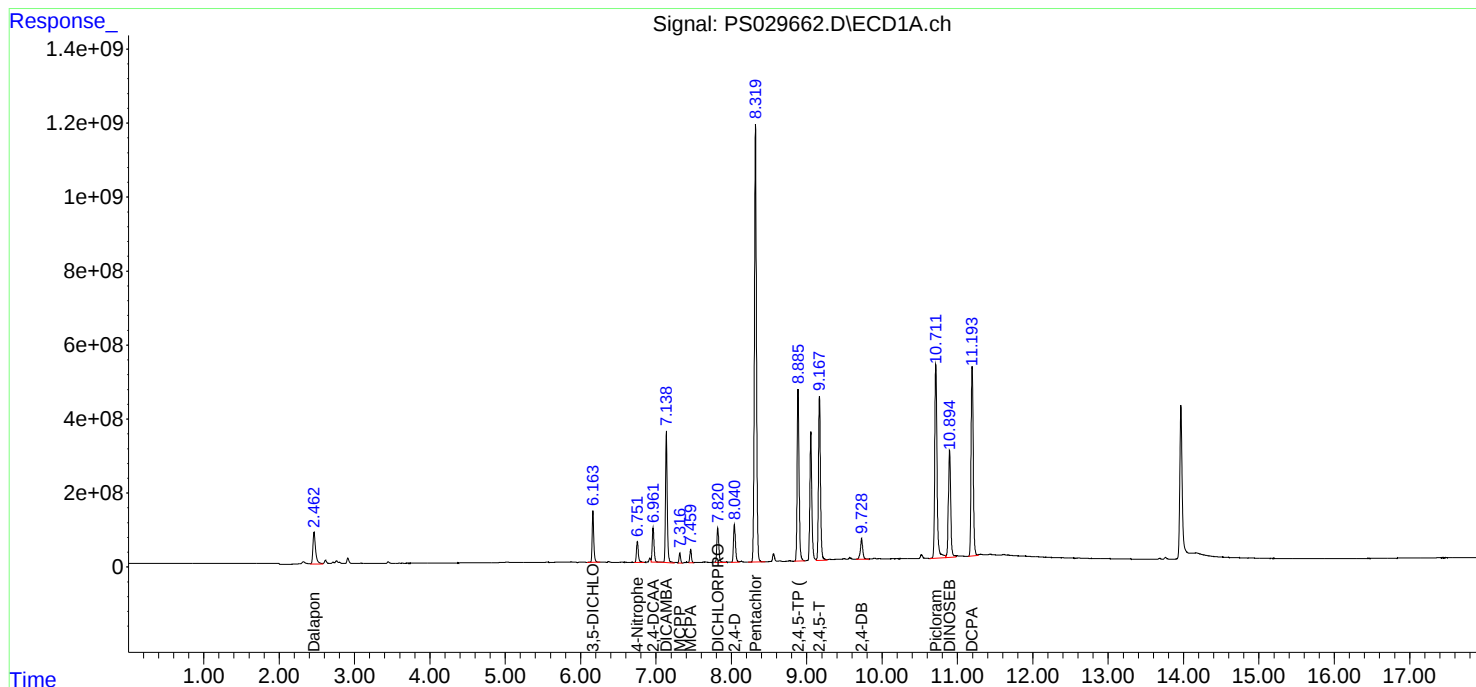
Instrument :
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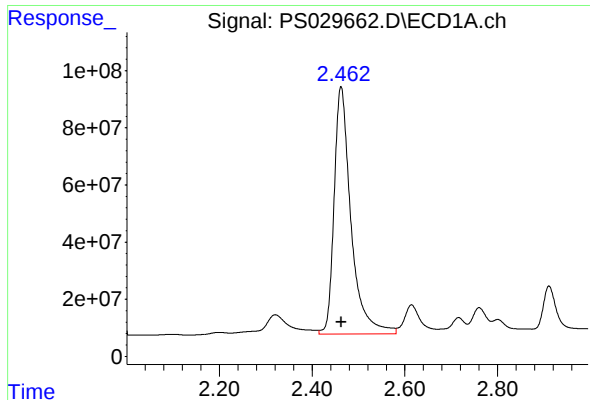
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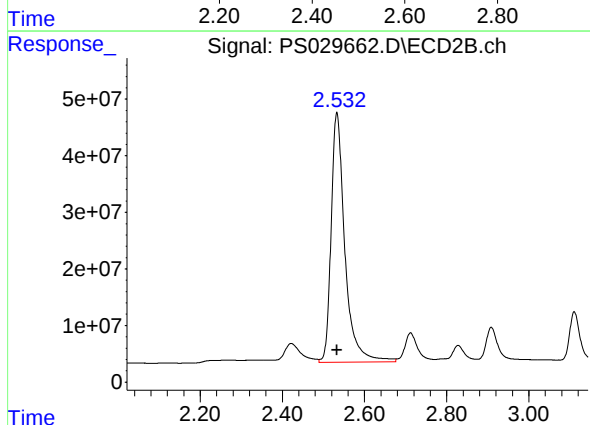
#1 Dalapon

R.T.: 2.462 min
Delta R.T.: 0.000 min
Response: 2190191506
Conc: 645.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS040225

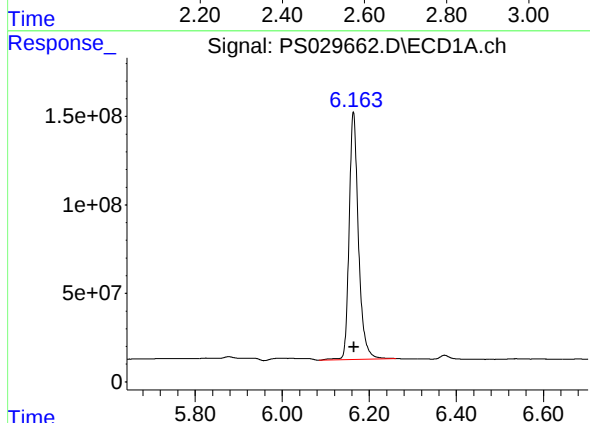
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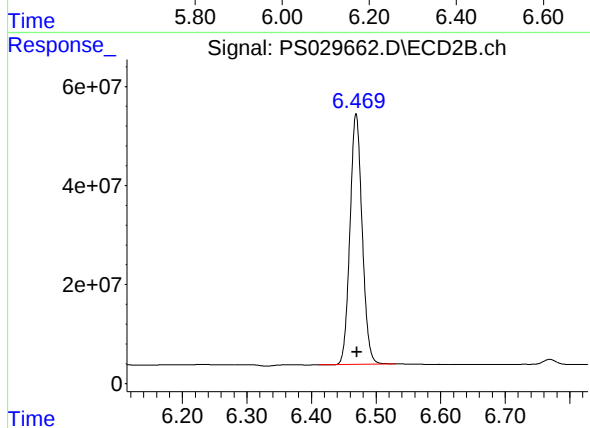
#1 Dalapon

R.T.: 2.533 min
Delta R.T.: 0.000 min
Response: 1024004548
Conc: 645.00 ng/ml



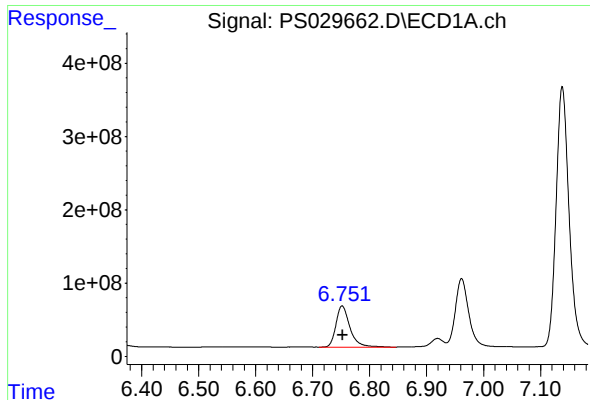
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 2082084613
Conc: 692.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: -0.001 min
Response: 662818833
Conc: 686.46 ng/ml



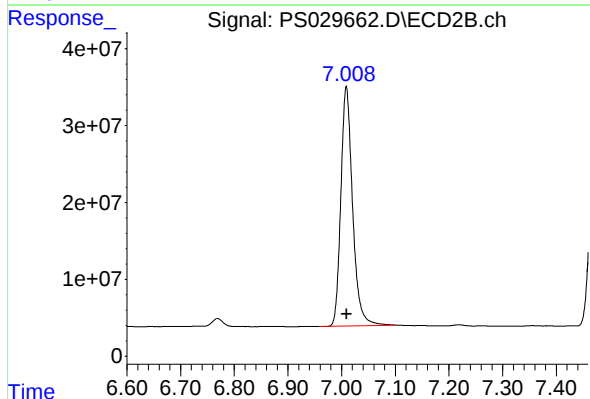
#3 4-Nitrophenol

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 957152195
Conc: 681.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS040225

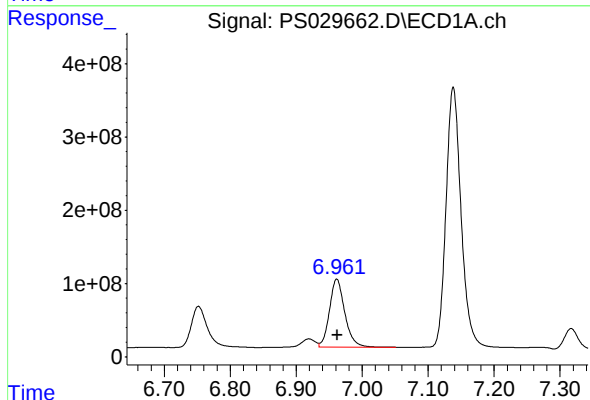
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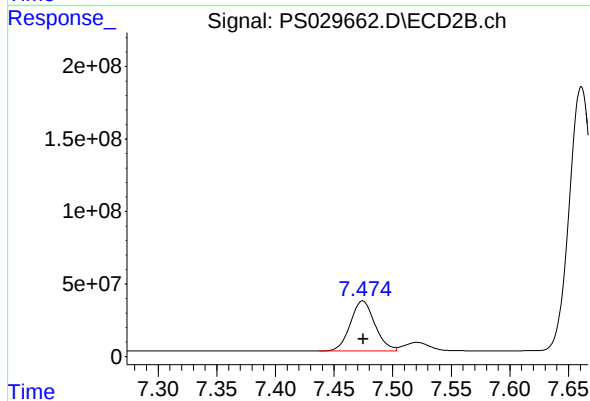
#3 4-Nitrophenol

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 475577336
Conc: 670.77 ng/ml



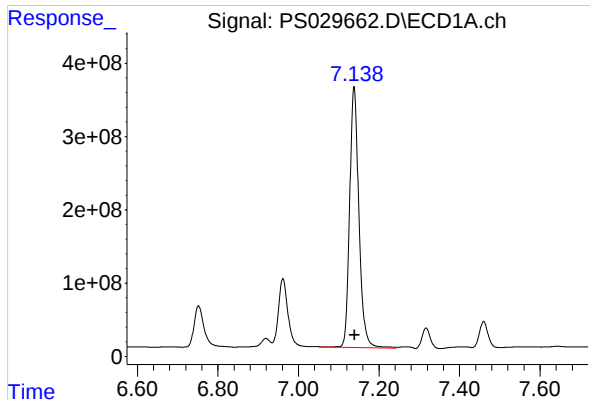
#4 2,4-DCAA

R.T.: 6.962 min
Delta R.T.: -0.001 min
Response: 1498336160
Conc: 734.90 ng/ml



#4 2,4-DCAA

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 503272874
Conc: 738.46 ng/ml



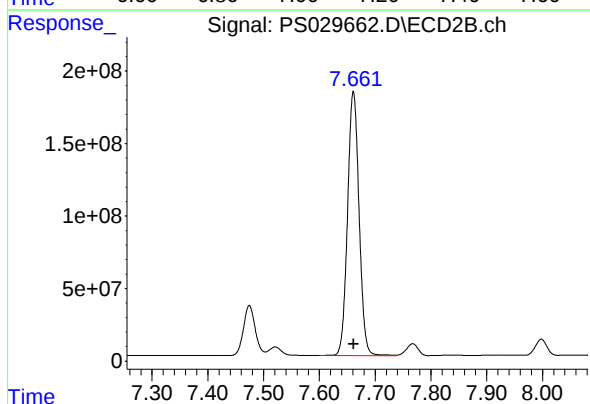
#5 DICAMBA

R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 5694131009
Conc: 684.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS040225

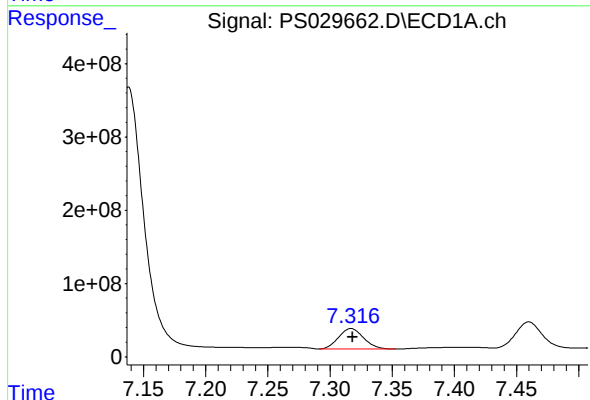
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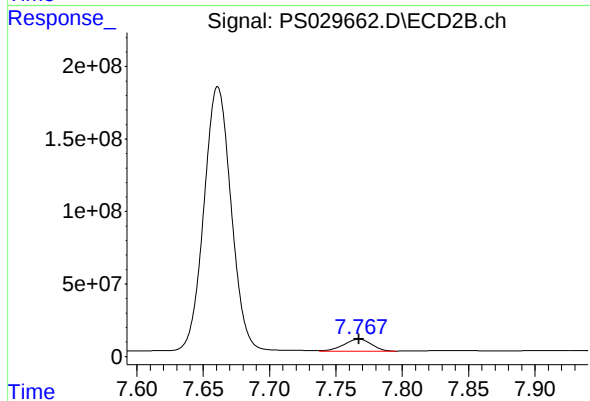
#5 DICAMBA

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 2612199541
Conc: 707.27 ng/ml



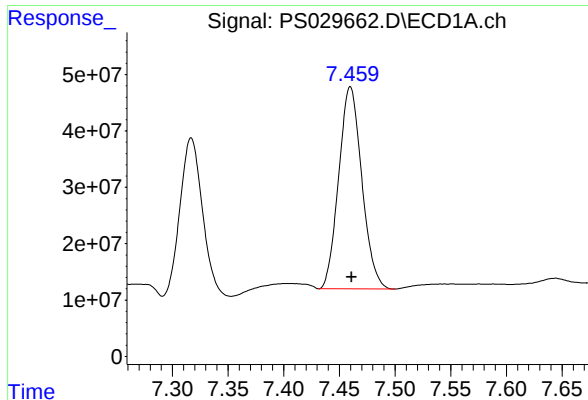
#6 MCPP

R.T.: 7.317 min
Delta R.T.: -0.001 min
Response: 392172325
Conc: 72.36 ug/ml



#6 MCPP

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 118210914
Conc: 70.01 ug/ml



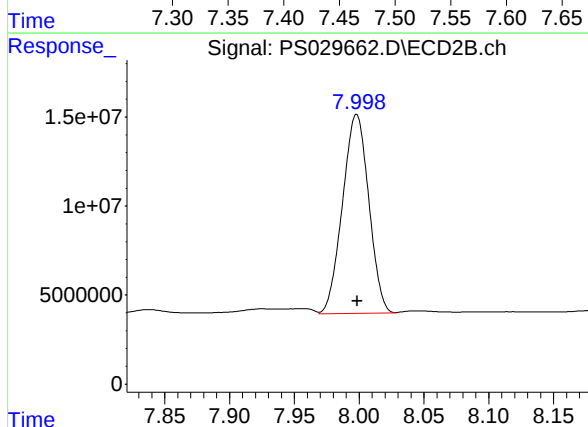
#7 MCPA

R.T.: 7.460 min
Delta R.T.: -0.001 min
Response: 518166545
Conc: 71.28 ug/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS040225

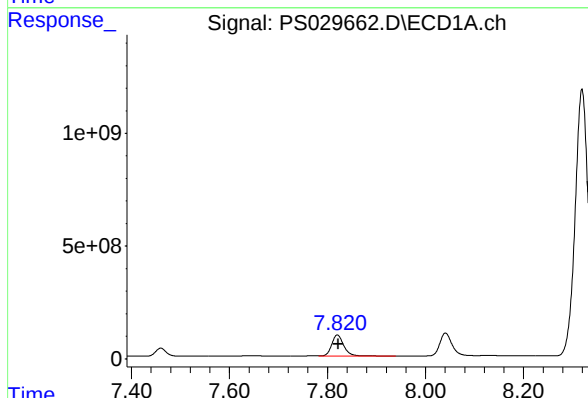
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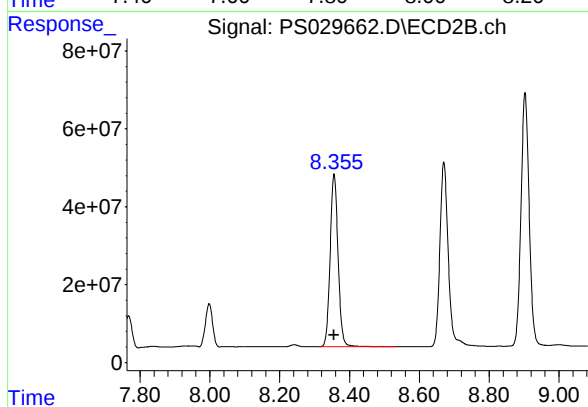
#7 MCPA

R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 157745338
Conc: 69.33 ug/ml



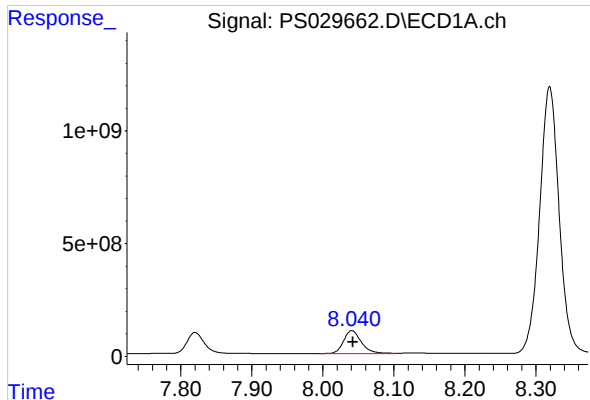
#8 DICHLORPROP

R.T.: 7.820 min
Delta R.T.: -0.002 min
Response: 1602994513
Conc: 728.82 ng/ml



#8 DICHLORPROP

R.T.: 8.356 min
Delta R.T.: 0.000 min
Response: 696452307
Conc: 720.85 ng/ml



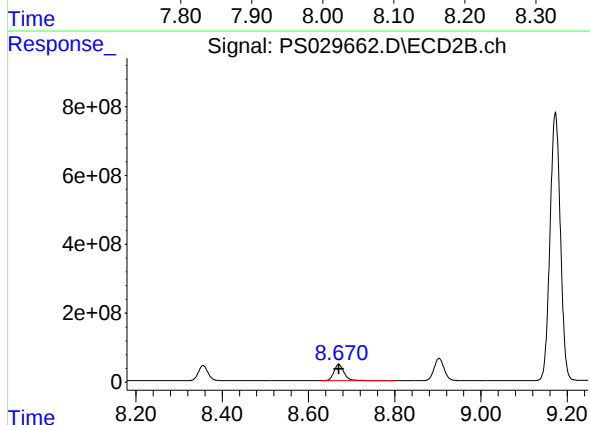
#9 2,4-D

R.T.: 8.041 min
Delta R.T.: -0.001 min
Response: 1760626420
Conc: 730.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS040225

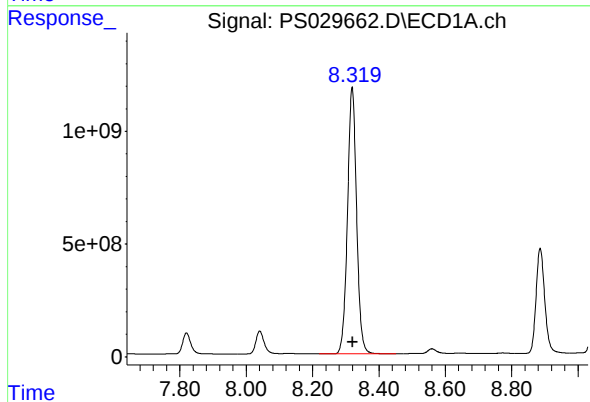
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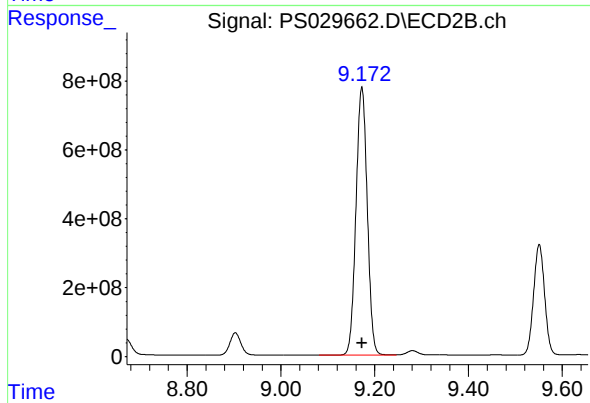
#9 2,4-D

R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 789483756
Conc: 732.04 ng/ml



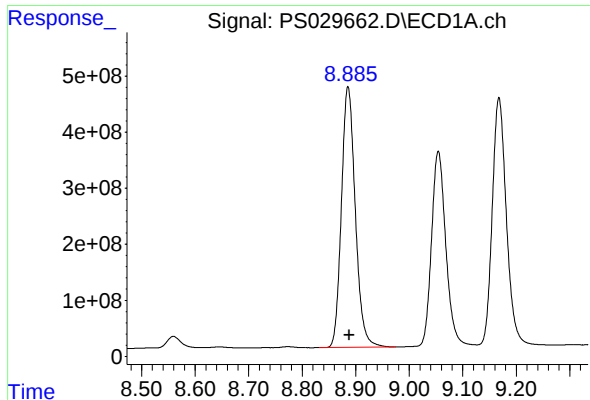
#10 Pentachlorophenol

R.T.: 8.319 min
Delta R.T.: -0.001 min
Response: 22517626662
Conc: 740.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.173 min
Delta R.T.: 0.000 min
Response: 12981310805
Conc: 724.09 ng/ml



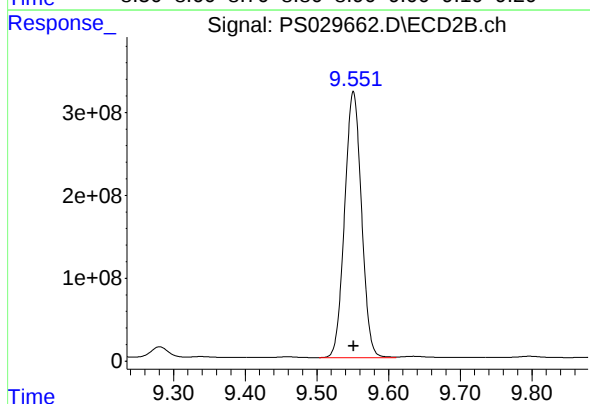
#11 2,4,5-TP (SILVEX)

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 8387280951
Conc: 722.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS040225

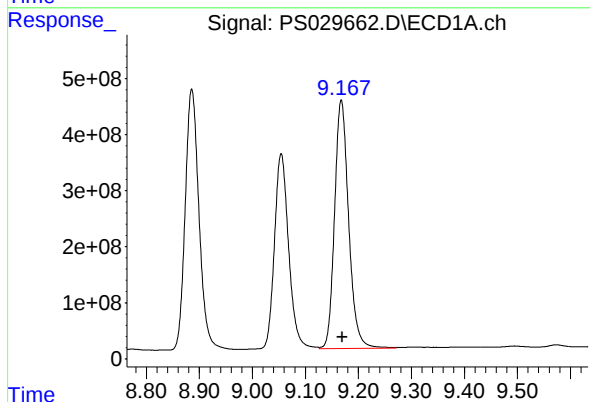
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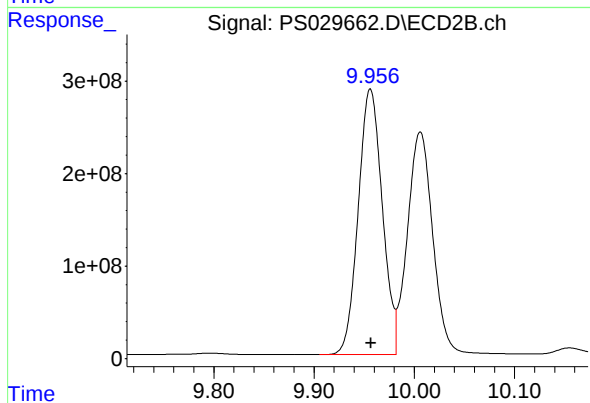
#11 2,4,5-TP (SILVEX)

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 5243705599
Conc: 726.98 ng/ml



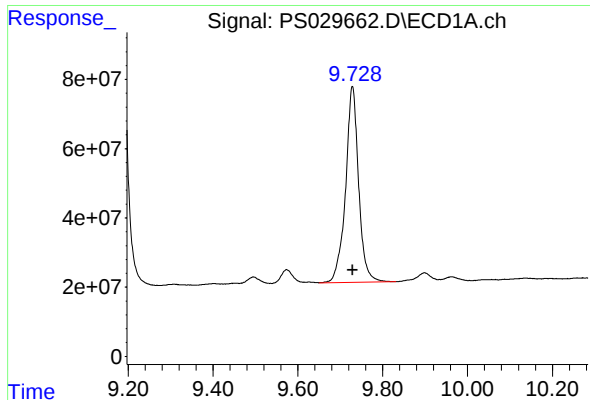
#12 2,4,5-T

R.T.: 9.168 min
Delta R.T.: -0.002 min
Response: 8196155687
Conc: 712.43 ng/ml



#12 2,4,5-T

R.T.: 9.956 min
Delta R.T.: 0.000 min
Response: 4791671449
Conc: 714.87 ng/ml



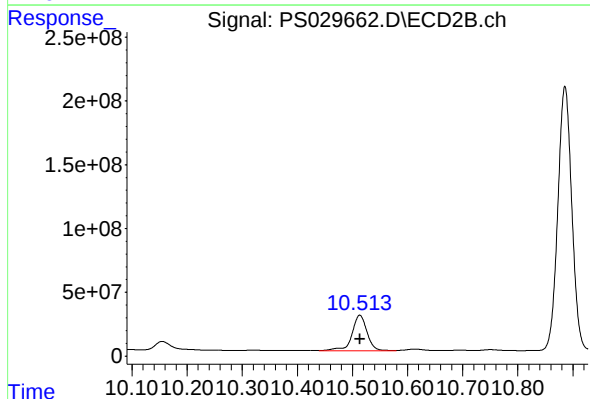
#13 2,4-DB

R.T.: 9.728 min
Delta R.T.: -0.001 min
Response: 1209865167
Conc: 665.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
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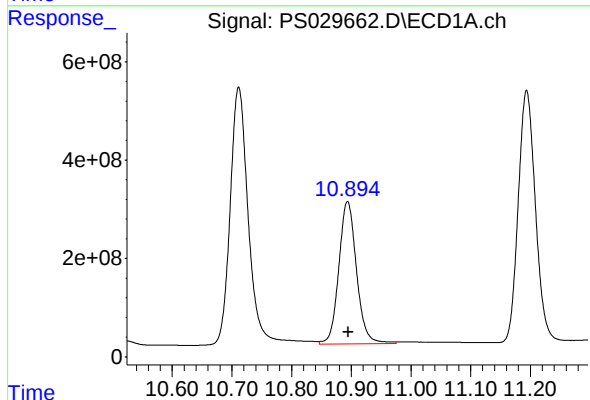
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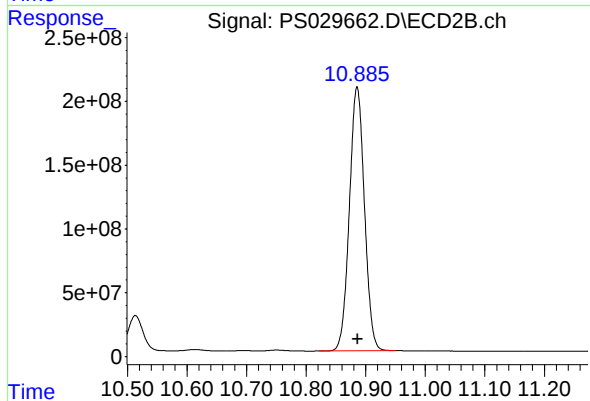
#13 2,4-DB

R.T.: 10.513 min
Delta R.T.: 0.000 min
Response: 524785986
Conc: 707.28 ng/ml



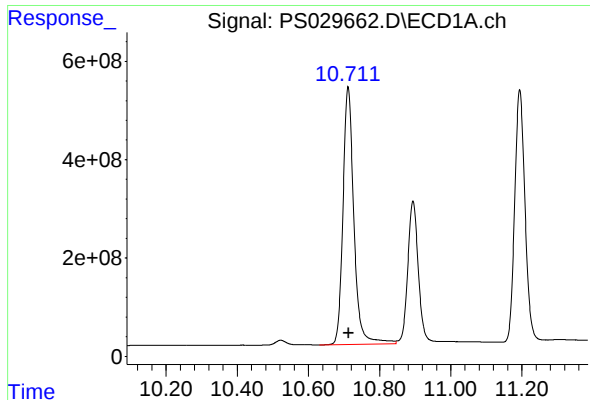
#14 DINOSEB

R.T.: 10.894 min
Delta R.T.: -0.001 min
Response: 5970759942
Conc: 707.26 ng/ml



#14 DINOSEB

R.T.: 10.886 min
Delta R.T.: -0.001 min
Response: 3628936908
Conc: 709.77 ng/ml



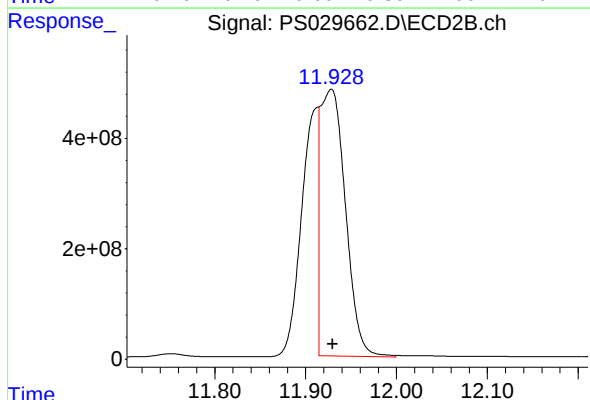
#15 Picloram

R.T.: 10.711 min
Delta R.T.: -0.002 min
Response: 11195866194
Conc: 722.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS040225

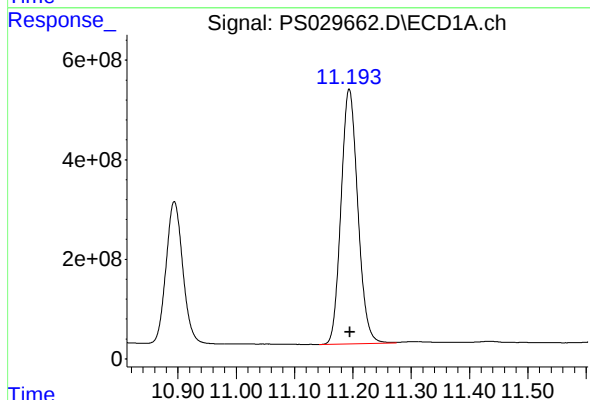
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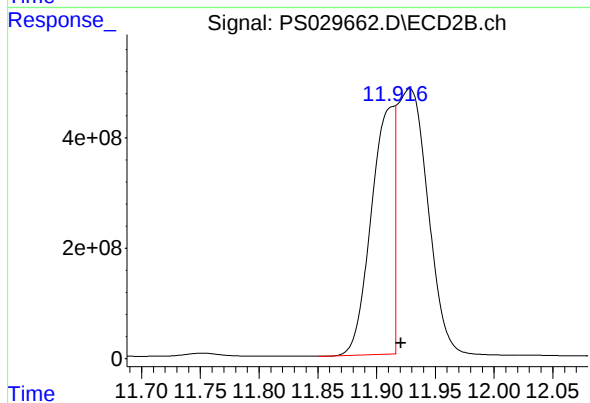
#15 Picloram

R.T.: 11.928 min
Delta R.T.: -0.001 min
Response: 9179942750
Conc: 783.18 ng/ml m



#16 DCPA

R.T.: 11.194 min
Delta R.T.: -0.002 min
Response: 10250438974
Conc: 733.95 ng/ml



#16 DCPA

R.T.: 11.916 min
Delta R.T.: -0.005 min
Response: 6152809061
Conc: 667.46 ng/ml m