

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041725\
 Data File : PS029841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 19:03
 Operator : AR\AJ
 Sample : PB167620BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167620BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/18/2025
 Supervised By : mohammad ahmed 04/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 23:42:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.950	7.473	1217.9E6	383.7E6	597.344	563.082
Target Compounds							
1) T	Dalapon	2.455	2.530	1907.6E6	783.9E6	562.314	493.737
2) T	3,5-DICHL...	6.153	6.469	1745.1E6	497.3E6	580.208	514.989
3) T	4-Nitroph...	6.740	7.008	807.5E6	372.1E6	574.814	524.756
5) T	DICAMBA	7.126	7.660	4816.9E6	2004.2E6	578.817	542.654
6) T	MCP	7.303	7.766	295.6E6	84513218	54.532	50.053
7) T	MCPA	7.445	7.996	402.6E6	113.4E6	55.389m	49.853
8) T	DICHLORPROP	7.807	8.355	1206.7E6	519.9E6	548.622	538.078
9) T	2,4-D	8.027	8.669	1332.0E6	572.0E6	552.810	530.392
10) T	Pentachlo...	8.306	9.171	17284.0E6	10513.2E6	568.458	586.419
11) T	2,4,5-TP ...	8.871	9.550	6768.7E6	4167.3E6	582.736	577.748
12) T	2,4,5-T	9.154	9.955	6876.3E6	3902.4E6	597.710	582.195
13) T	2,4-DB	9.712	10.514	1067.8E6	404.7E6	587.735	545.439
14) T	DINOSEB	10.877	10.888	4927.3E6	2852.6E6	583.664	557.927
15) T	Picloram	10.695	11.927	8348.0E6	5590.9E6	538.565	472.826m
16) T	DCPA	11.178	11.921	8439.0E6	6046.4E6	604.246	683.158m

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

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Operator : AR\AJ
Sample : PB167620BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

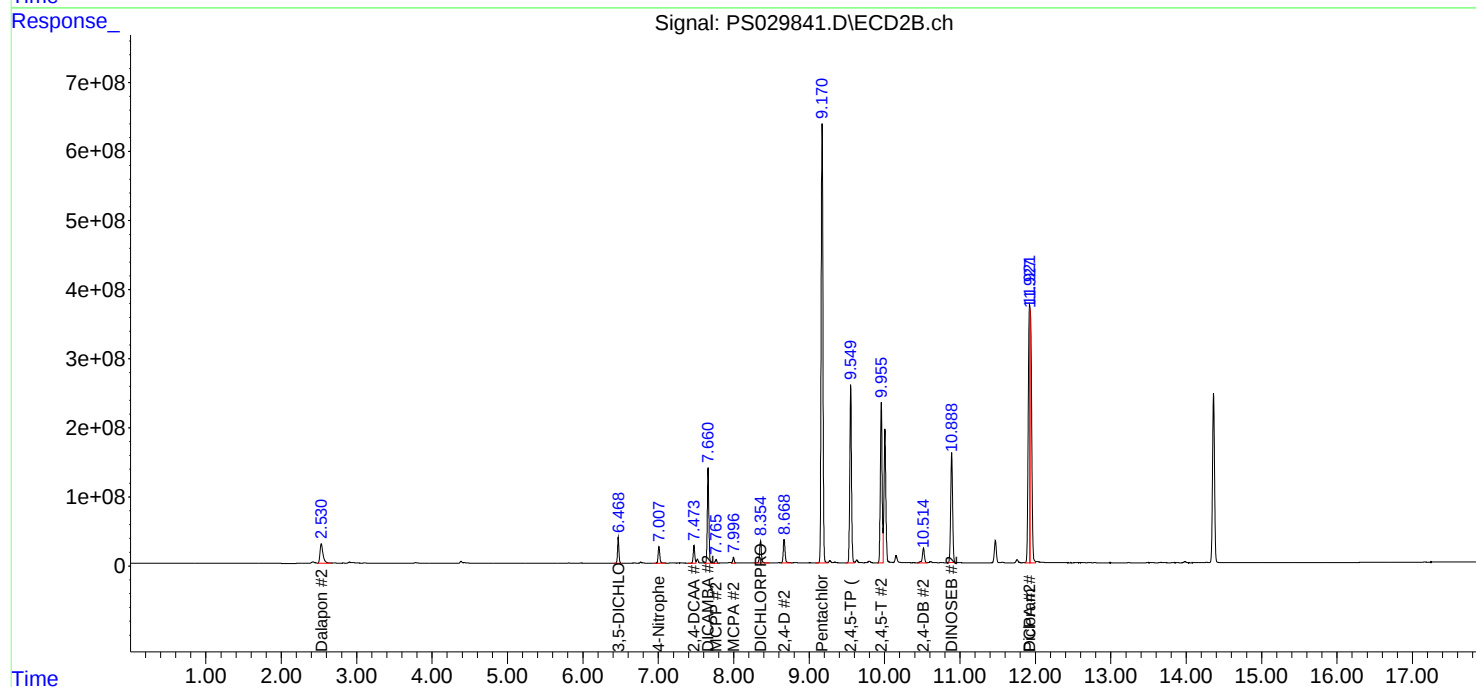
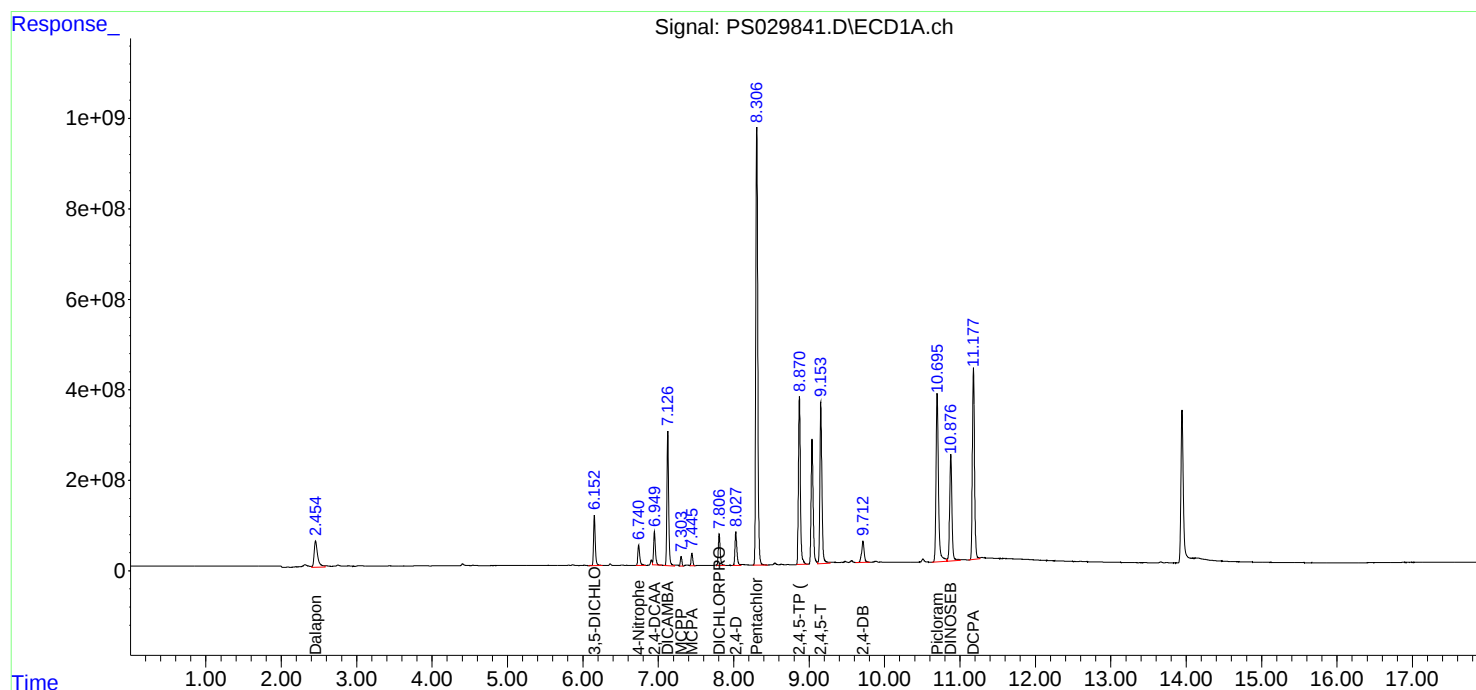
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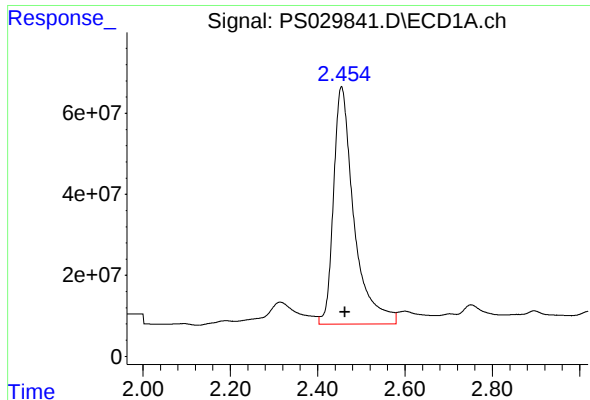
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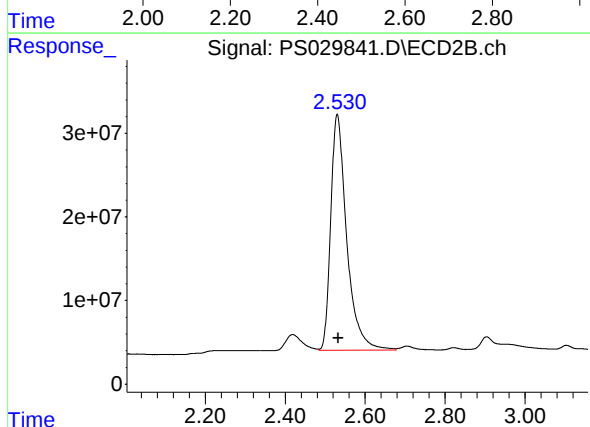
#1 Dalapon

R.T.: 2.455 min
Delta R.T.: -0.008 min
Response: 1907591411
Conc: 562.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

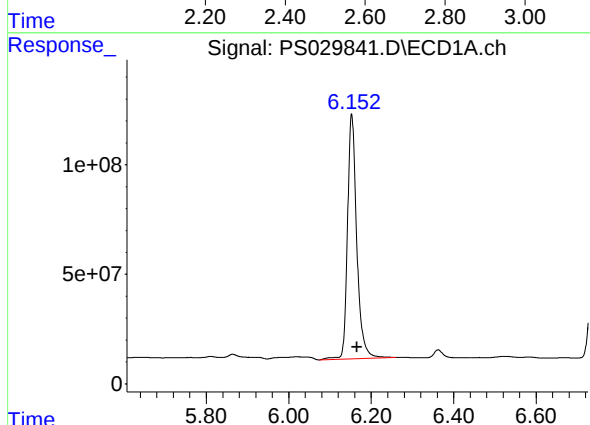
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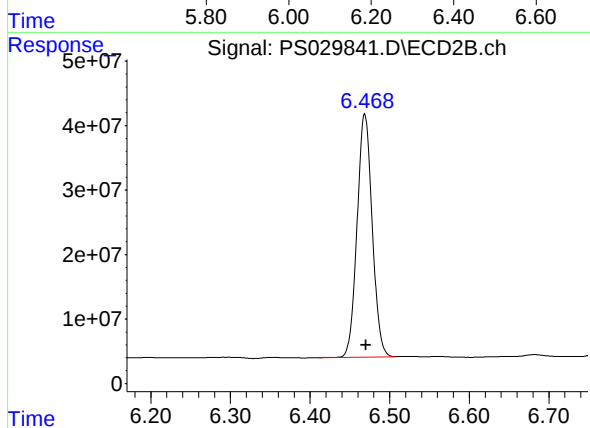
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 783855537
Conc: 493.74 ng/ml



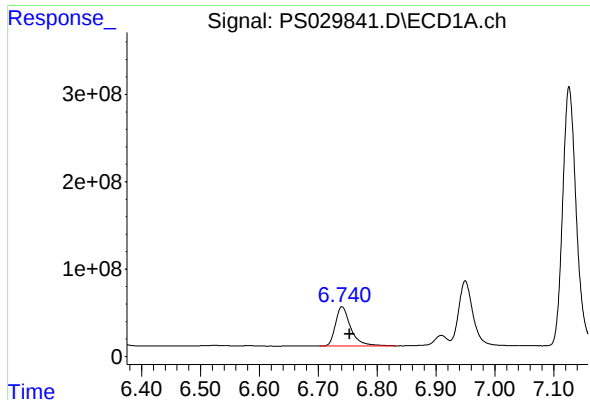
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.153 min
Delta R.T.: -0.012 min
Response: 1745124622
Conc: 580.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 497251141
Conc: 514.99 ng/ml



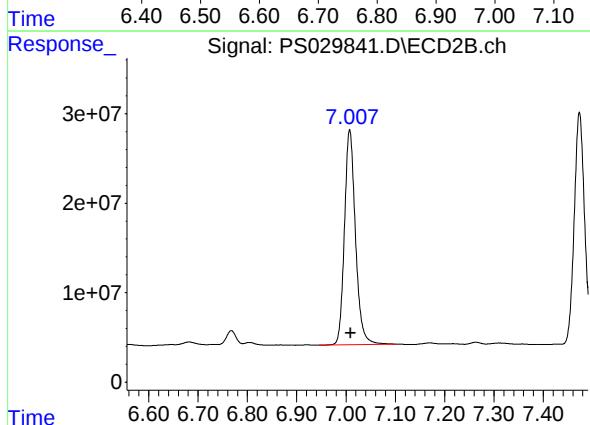
#3 4-Nitrophenol

R.T.: 6.740 min
Delta R.T.: -0.013 min
Response: 807498181
Conc: 574.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

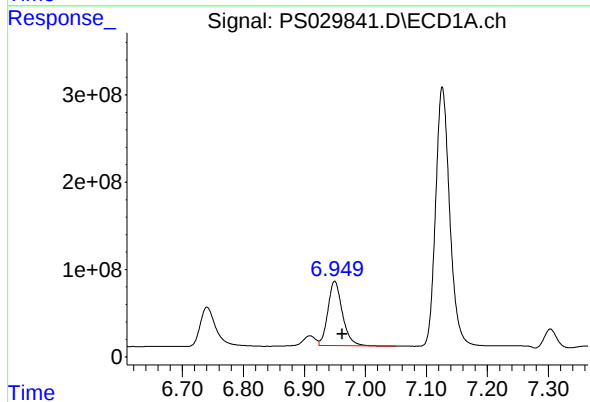
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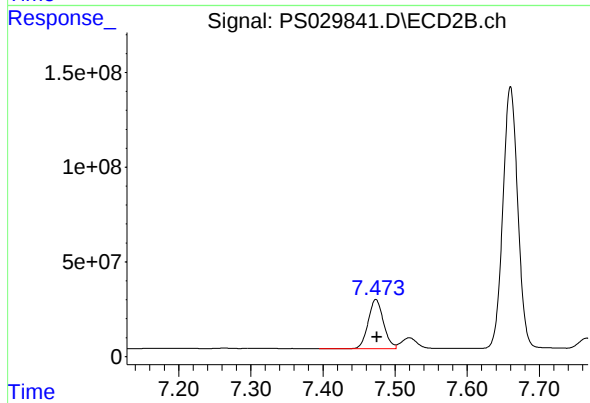
#3 4-Nitrophenol

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 372051222
Conc: 524.76 ng/ml



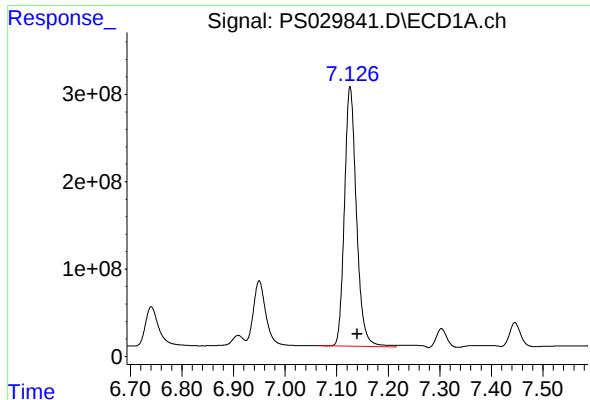
#4 2,4-DCAA

R.T.: 6.950 min
Delta R.T.: -0.013 min
Response: 1217882150
Conc: 597.34 ng/ml



#4 2,4-DCAA

R.T.: 7.473 min
Delta R.T.: -0.001 min
Response: 383747727
Conc: 563.08 ng/ml



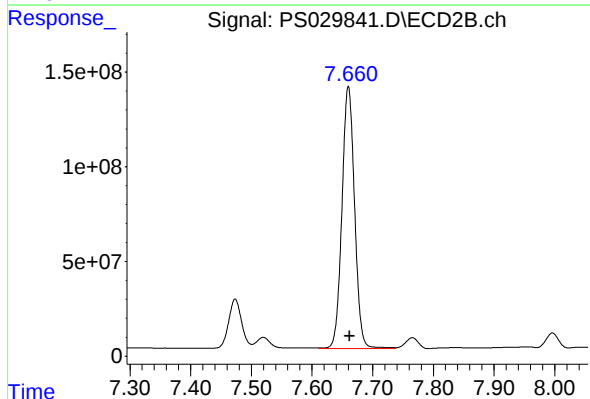
#5 DICAMBA

R.T.: 7.126 min
Delta R.T.: -0.014 min
Response: 4816884887
Conc: 578.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

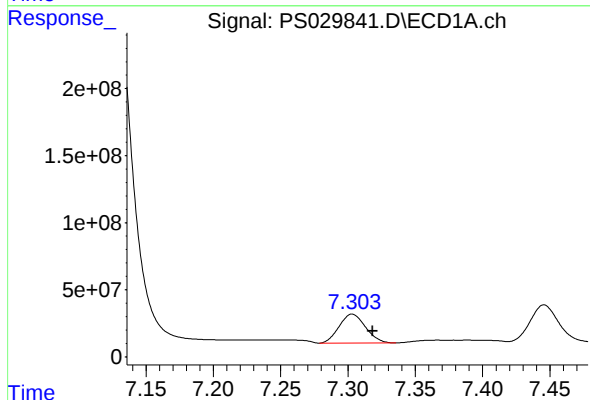
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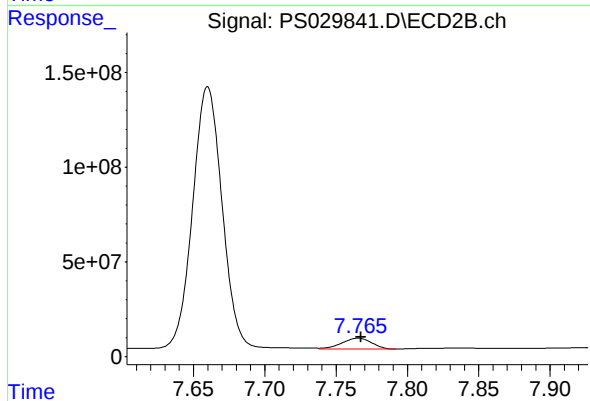
#5 DICAMBA

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 2004222768
Conc: 542.65 ng/ml



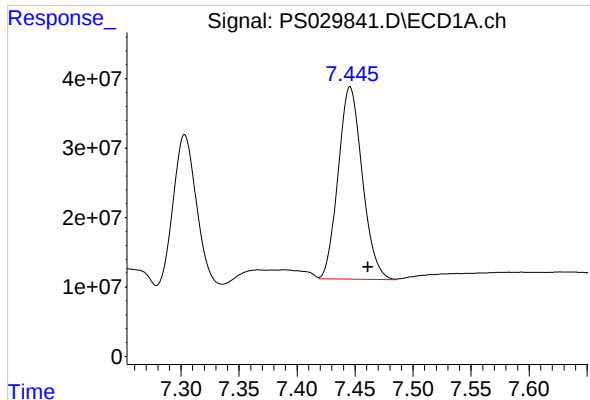
#6 MCPP

R.T.: 7.303 min
Delta R.T.: -0.015 min
Response: 295553695
Conc: 54.53 ug/ml



#6 MCPP

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 84513218
Conc: 50.05 ug/ml



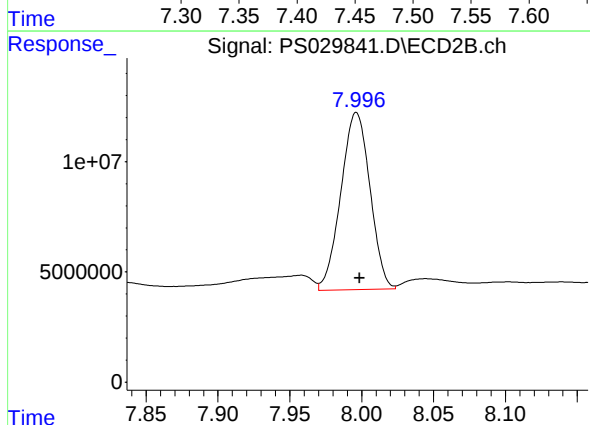
#7 MCPA

R.T.: 7.445 min
Delta R.T.: -0.016 min
Response: 402625974
Conc: 55.39 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

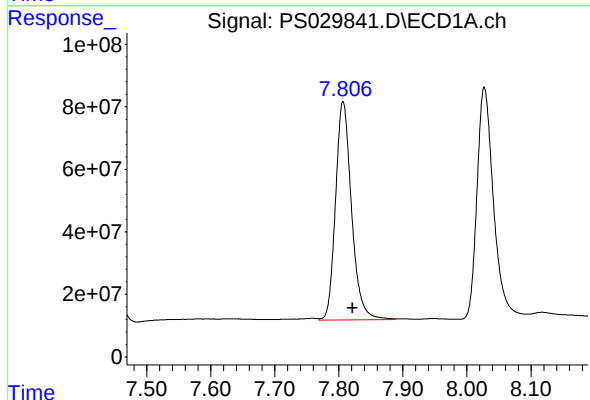
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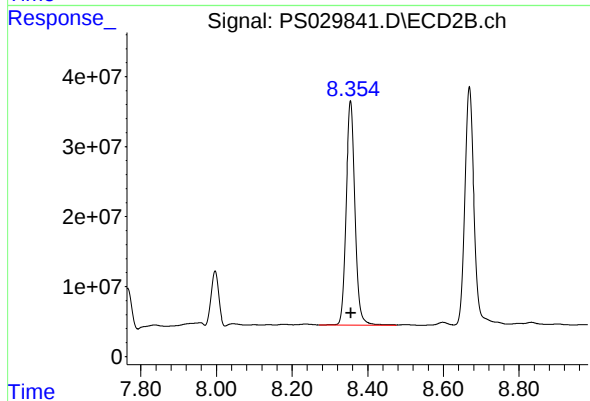
#7 MCPA

R.T.: 7.996 min
Delta R.T.: -0.002 min
Response: 113429632
Conc: 49.85 ug/ml



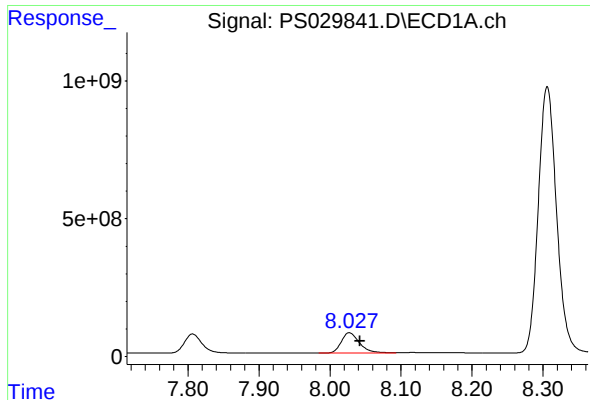
#8 DICHLORPROP

R.T.: 7.807 min
Delta R.T.: -0.015 min
Response: 1206660295
Conc: 548.62 ng/ml



#8 DICHLORPROP

R.T.: 8.355 min
Delta R.T.: -0.002 min
Response: 519865640
Conc: 538.08 ng/ml



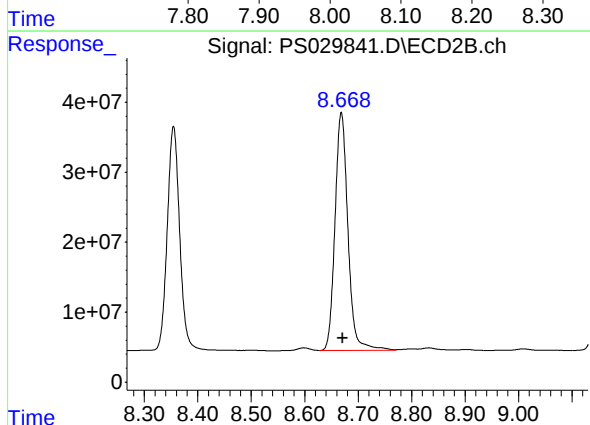
#9 2,4-D

R.T.: 8.027 min
Delta R.T.: -0.015 min
Response: 1332045473
Conc: 552.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

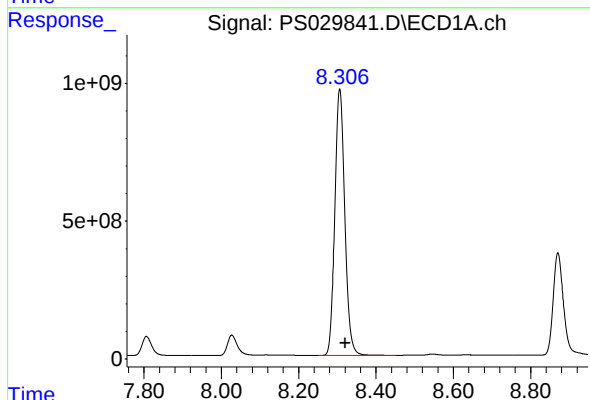
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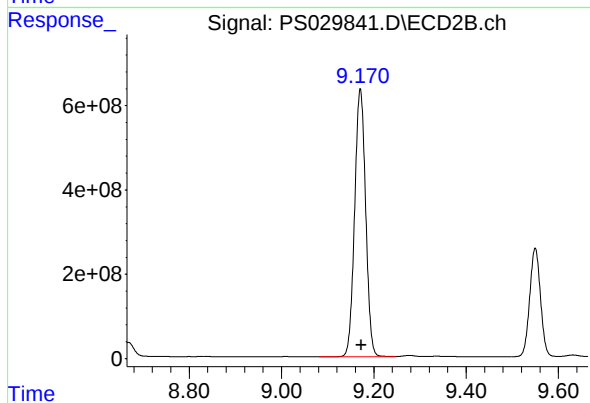
#9 2,4-D

R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 572008927
Conc: 530.39 ng/ml



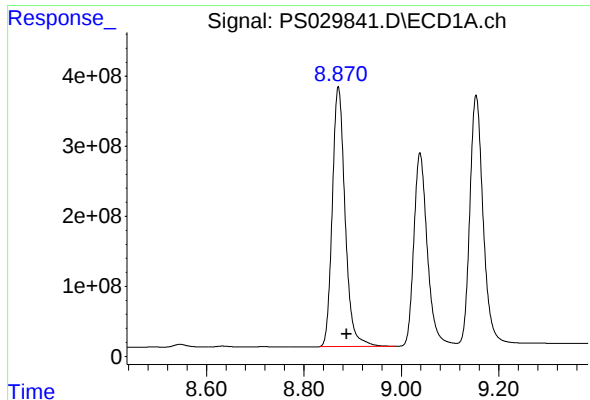
#10 Pentachlorophenol

R.T.: 8.306 min
Delta R.T.: -0.015 min
Response: 17283960820
Conc: 568.46 ng/ml



#10 Pentachlorophenol

R.T.: 9.171 min
Delta R.T.: -0.003 min
Response: 10513158371
Conc: 586.42 ng/ml



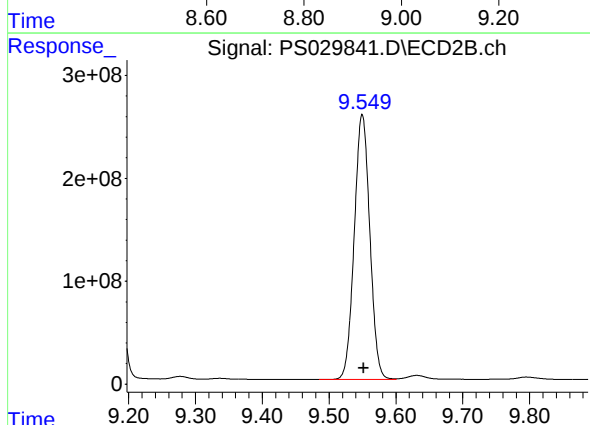
#11 2,4,5-TP (SILVEX)

R.T.: 8.871 min
Delta R.T.: -0.017 min
Response: 6768679239
Conc: 582.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
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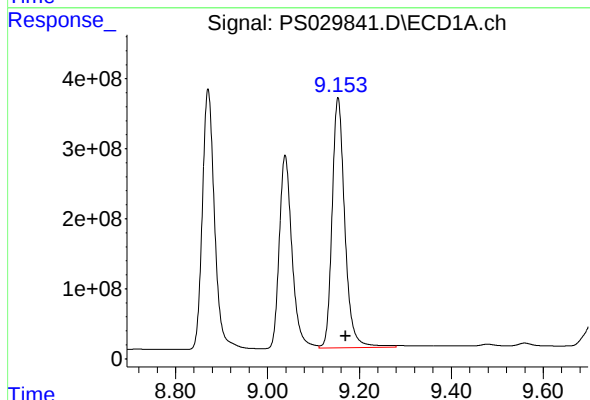
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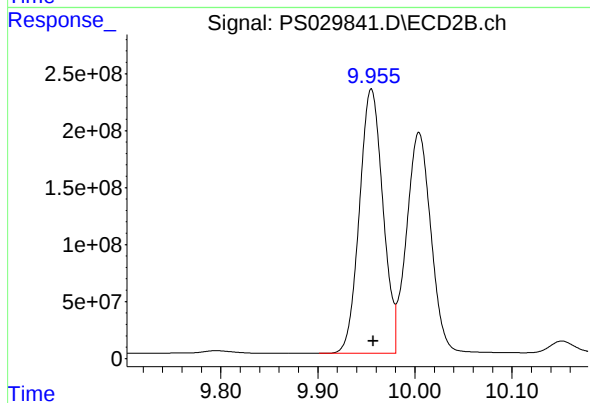
#11 2,4,5-TP (SILVEX)

R.T.: 9.550 min
Delta R.T.: -0.002 min
Response: 4167273006
Conc: 577.75 ng/ml



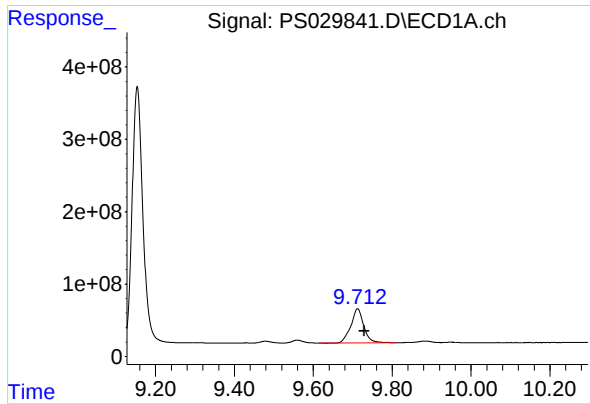
#12 2,4,5-T

R.T.: 9.154 min
Delta R.T.: -0.016 min
Response: 6876314068
Conc: 597.71 ng/ml



#12 2,4,5-T

R.T.: 9.955 min
Delta R.T.: -0.002 min
Response: 3902361277
Conc: 582.20 ng/ml



#13 2,4-DB

R.T.: 9.712 min
Delta R.T.: -0.017 min
Response: 1067763699
Conc: 587.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167620BS

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#13 2,4-DB

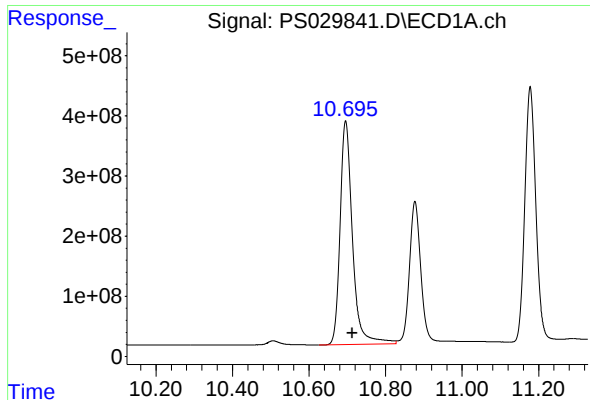
R.T.: 10.514 min
Delta R.T.: 0.000 min
Response: 404702198
Conc: 545.44 ng/ml

#14 DINOSEB

R.T.: 10.877 min
Delta R.T.: -0.018 min
Response: 4927316872
Conc: 583.66 ng/ml

#14 DINOSEB

R.T.: 10.888 min
Delta R.T.: 0.002 min
Response: 2852573037
Conc: 557.93 ng/ml



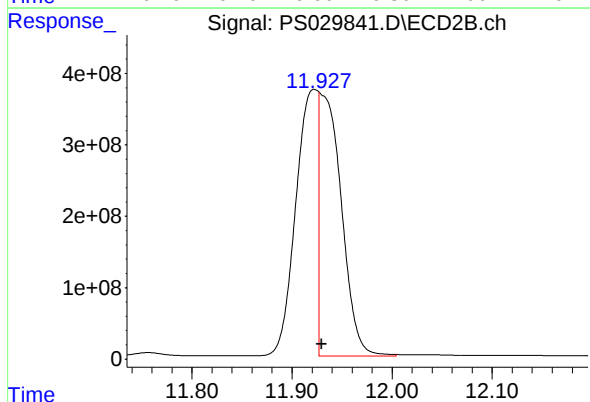
#15 Picloram

R.T.: 10.695 min
Delta R.T.: -0.018 min
Response: 8347970584
Conc: 538.56 ng/ml

Instrument :
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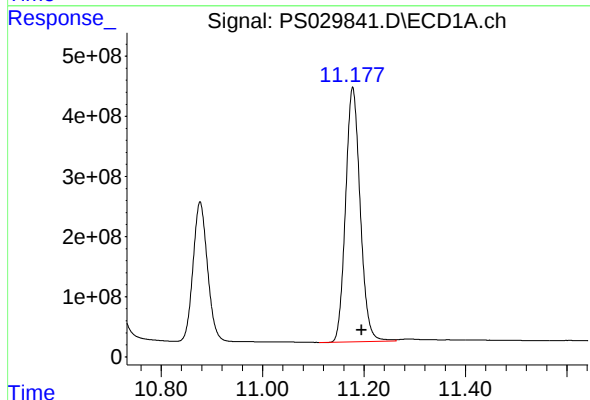
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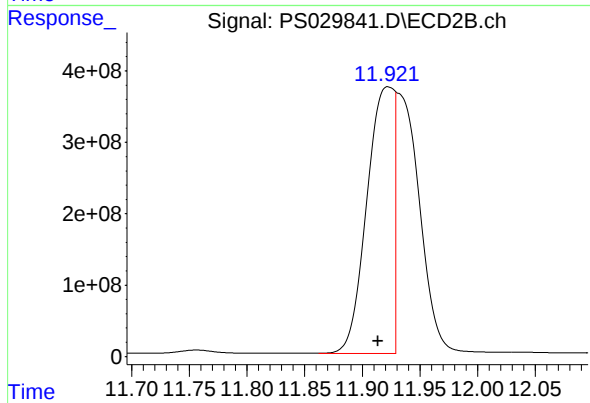
#15 Picloram

R.T.: 11.927 min
Delta R.T.: -0.003 min
Response: 5590893807
Conc: 472.83 ng/ml m



#16 DCPA

R.T.: 11.178 min
Delta R.T.: -0.018 min
Response: 8438969253
Conc: 604.25 ng/ml



#16 DCPA

R.T.: 11.921 min
Delta R.T.: 0.008 min
Response: 6046403219
Conc: 683.16 ng/ml m