

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062325\
 Data File : PS030803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 17:39
 Operator : AR\AJ
 Sample : PB168590BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168590BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/24/2025
 Supervised By : mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:54:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.344	7.768	1996.0E6	568.8E6	543.229	530.646
Target Compounds							
1) T	Dalapon	2.708	2.708	2987.5E6	1312.9E6	500.781	478.866
2) T	3,5-DICHL...	6.504	6.714	2706.4E6	795.7E6	503.281	493.244
3) T	4-Nitroph...	7.144	7.301	797.2E6	830.8E6	505.560	479.254
5) T	DICAMBA	7.534	7.971	7882.8E6	3289.7E6	518.093	501.994
6) T	MCPD	7.715	8.068	416.0E6	111.5E6	44.306	53.166
7) T	MCPA	7.865	8.317	588.1E6	162.5E6	50.132	51.645
8) T	DICHLORPROP	8.248	8.690	1846.2E6	764.1E6	492.885	485.927
9) T	2,4-D	8.480	9.026	1756.0E6	831.3E6	509.800	489.167
10) T	Pentachlo...	8.788	9.550	28330.4E6	20001.6E6	535.289	524.672
11) T	2,4,5-TP ...	9.368	9.931	10607.9E6	7394.5E6	529.590	512.488
12) T	2,4,5-T	9.662	10.356	9005.9E6	7086.9E6	547.366	518.634
13) T	2,4-DB	10.241	10.924	1333.4E6	598.1E6	581.388	505.594
14) T	DINOSEB	11.458	11.309	7423.3E6	5417.7E6	535.086m	502.514
15) T	Picloram	11.267	12.419	8802.7E6	11799.8E6	547.563m	507.703
16) T	DCPA	11.754	12.353	14007.8E6	11580.5E6	546.832	525.363m

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

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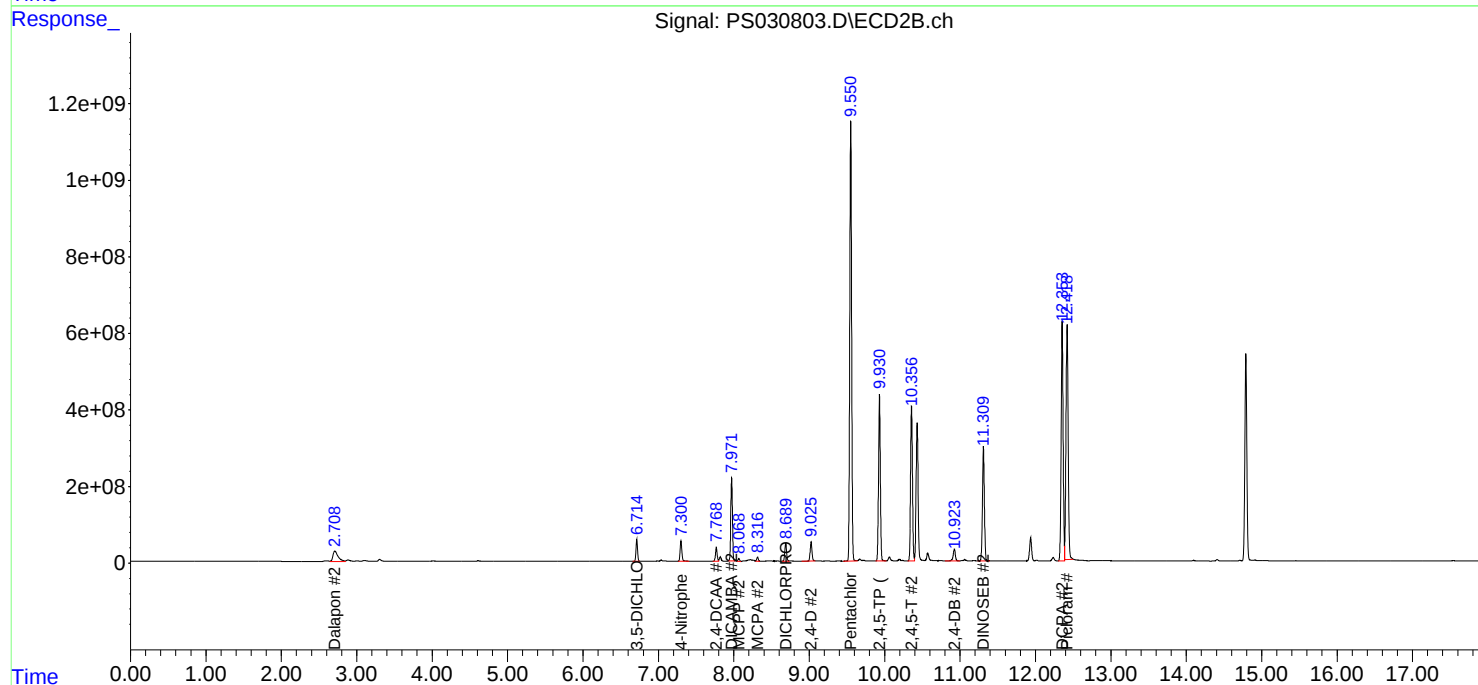
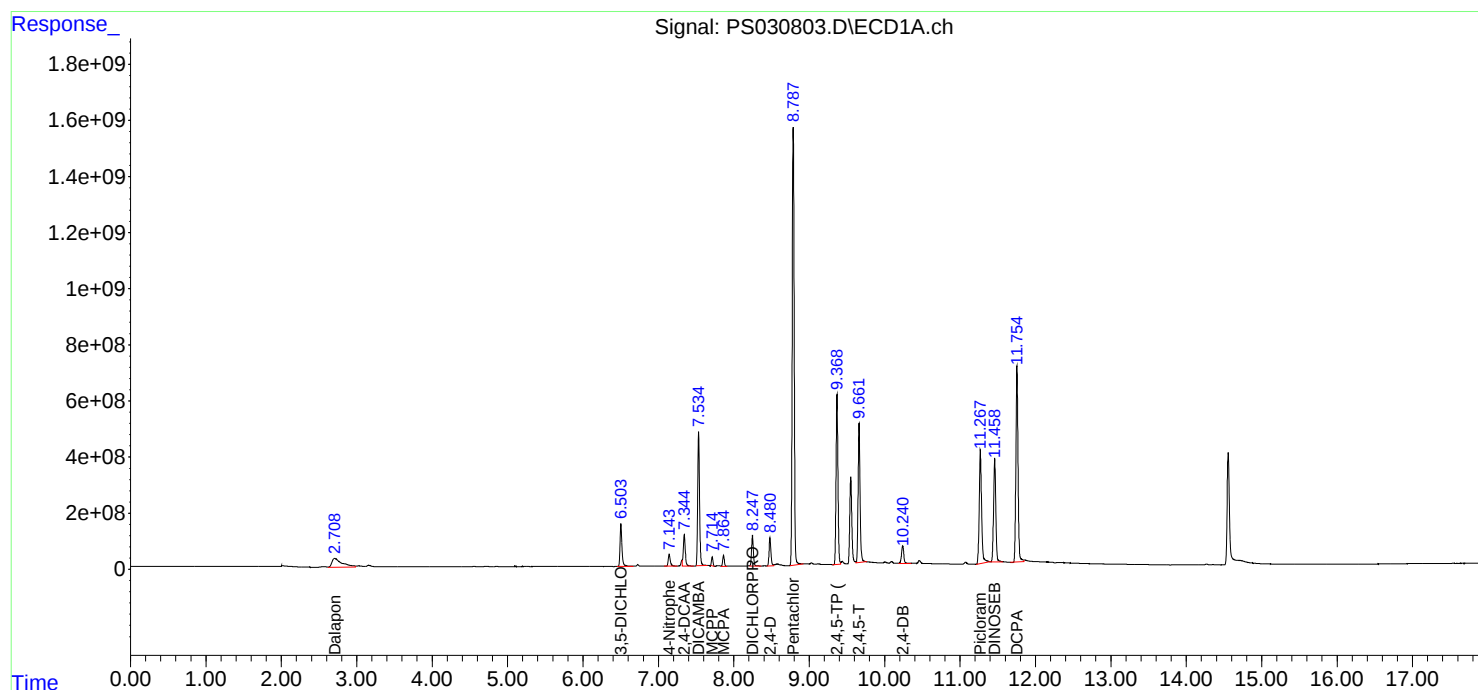
APPROVED

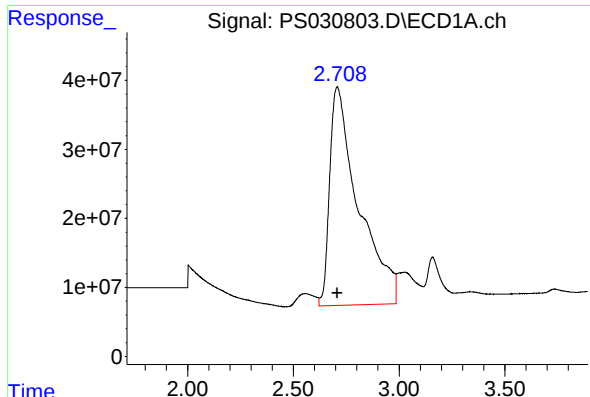
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Supervised By :mohammad ahmed 06/25/2025

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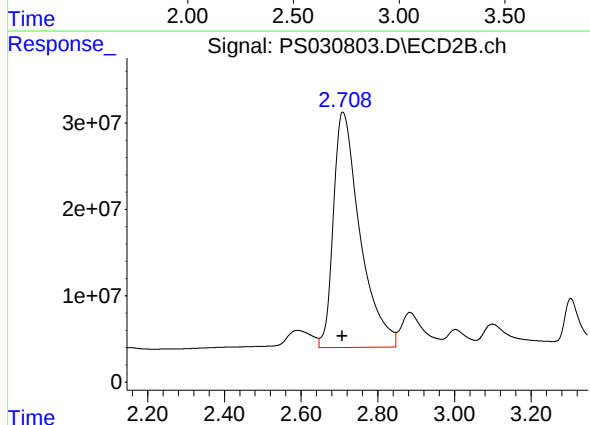
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 2987474906
Conc: 500.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BS

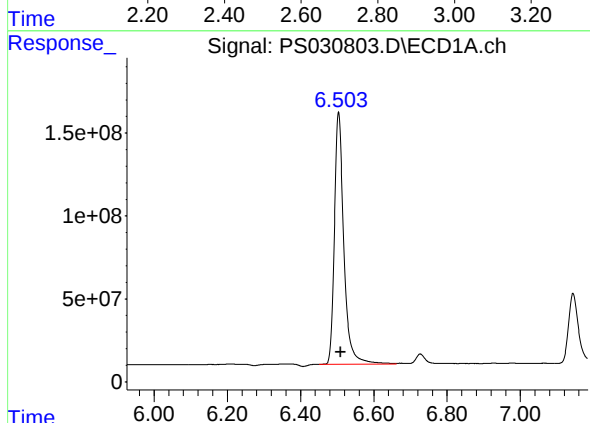
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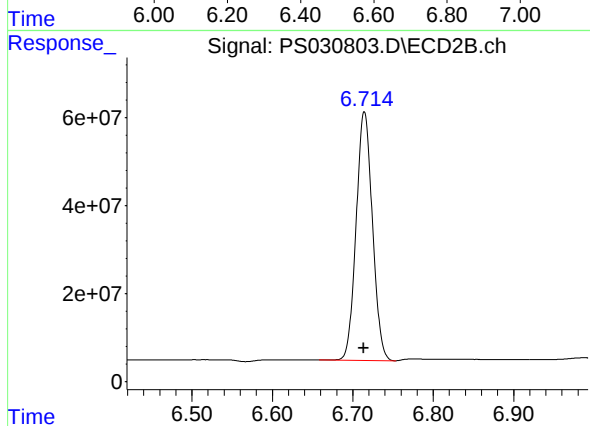
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.001 min
Response: 1312926264
Conc: 478.87 ng/ml



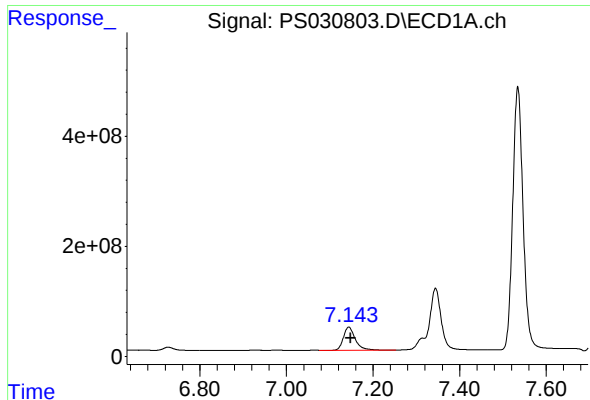
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 2706420615
Conc: 503.28 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.001 min
Response: 795676570
Conc: 493.24 ng/ml



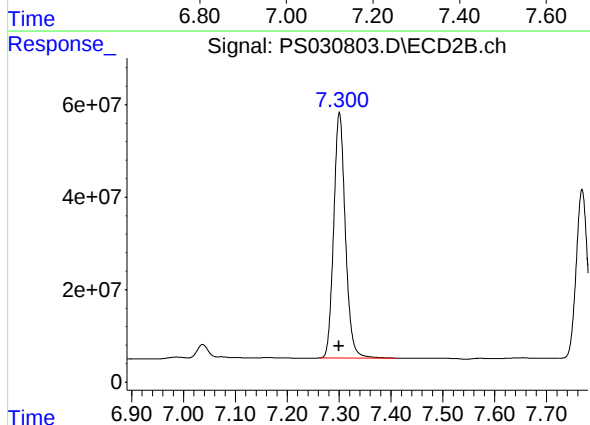
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 797150819
Conc: 505.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BS

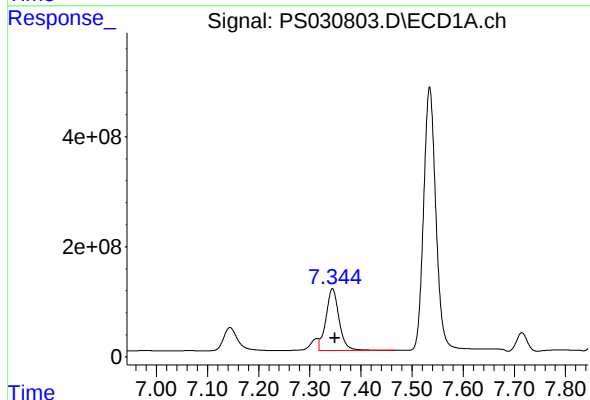
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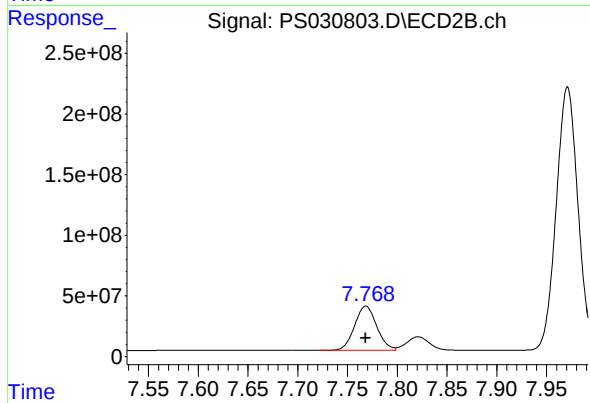
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.001 min
Response: 830804083
Conc: 479.25 ng/ml



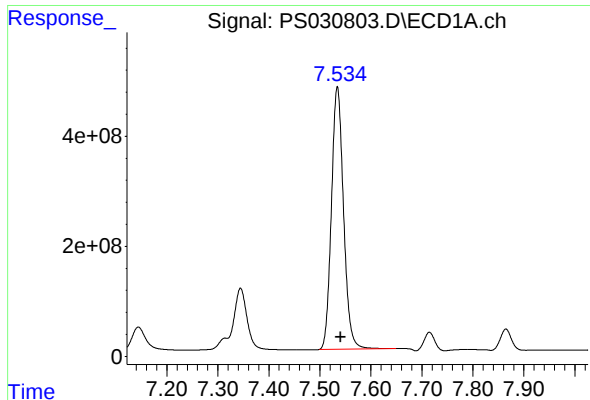
#4 2,4-DCAA

R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 1996037133
Conc: 543.23 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 568832899
Conc: 530.65 ng/ml



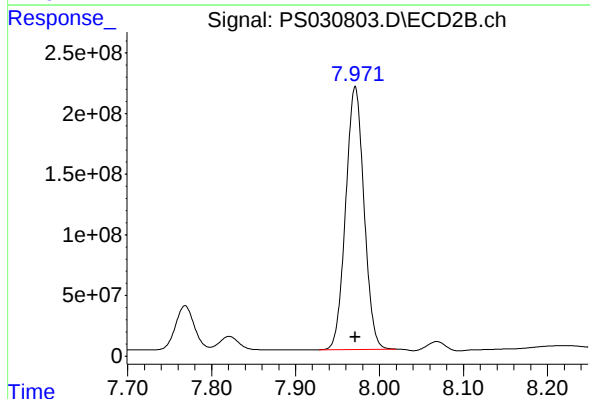
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 7882834949
Conc: 518.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BS

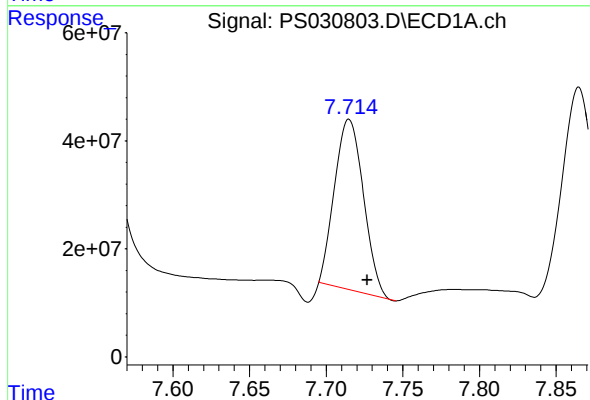
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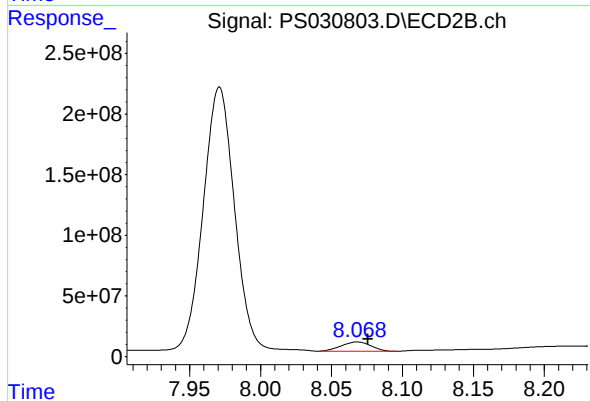
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3289676241
Conc: 501.99 ng/ml



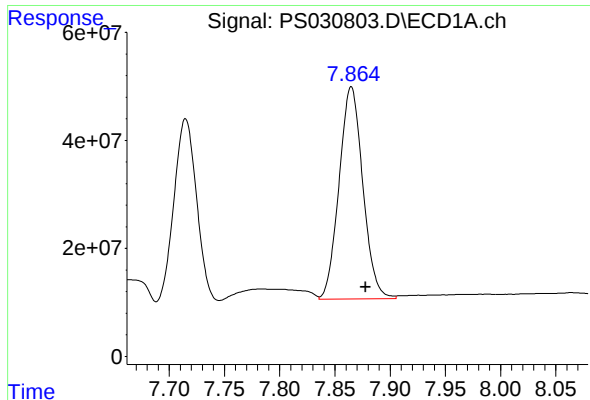
#6 MCPP

R.T.: 7.715 min
Delta R.T.: -0.012 min
Response: 415956681
Conc: 44.31 ug/ml



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 111505073
Conc: 53.17 ug/ml



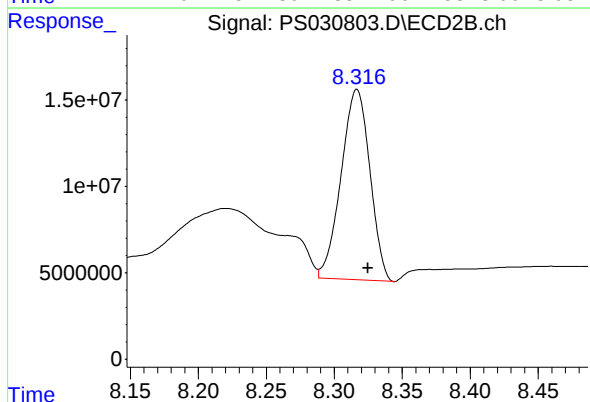
#7 MCPA

R.T.: 7.865 min
Delta R.T.: -0.013 min
Response: 588073369
Conc: 50.13 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BS

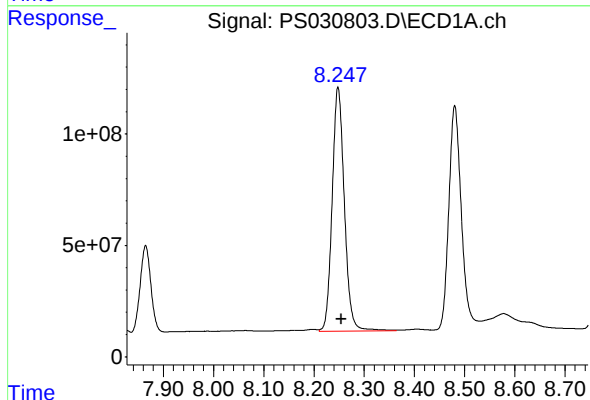
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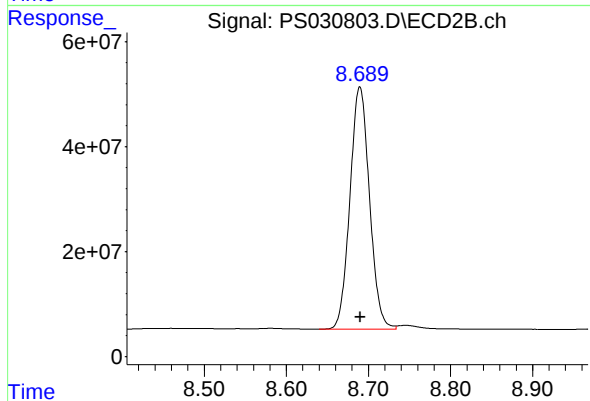
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 162462133
Conc: 51.65 ug/ml



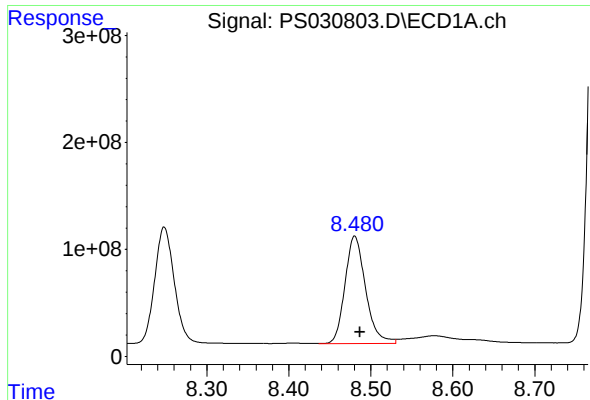
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.007 min
Response: 1846232798
Conc: 492.89 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 764118283
Conc: 485.93 ng/ml



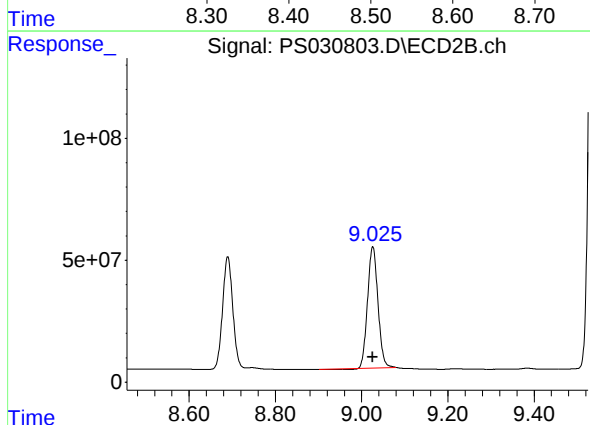
#9 2,4-D

R.T.: 8.480 min
Delta R.T.: -0.007 min
Response: 1755962305
Conc: 509.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BS

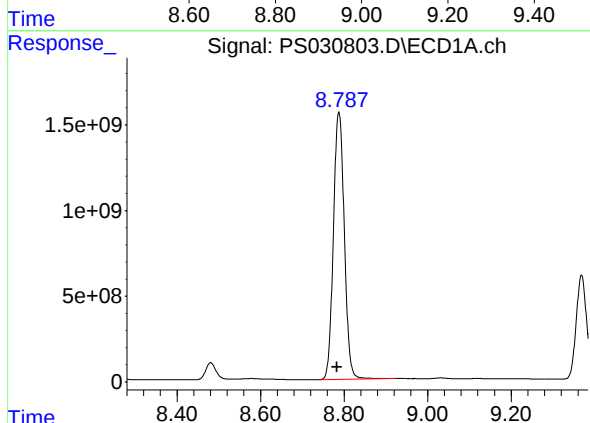
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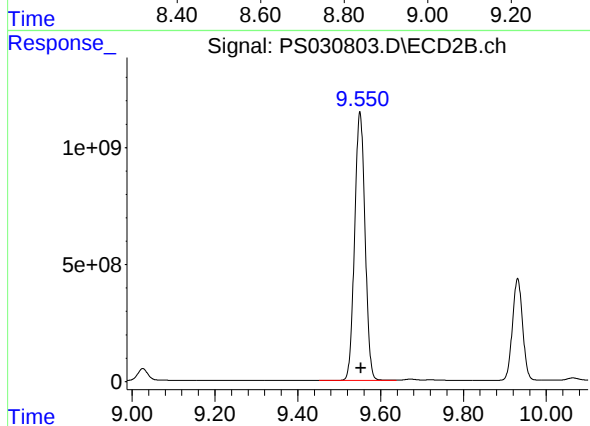
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 831293477
Conc: 489.17 ng/ml



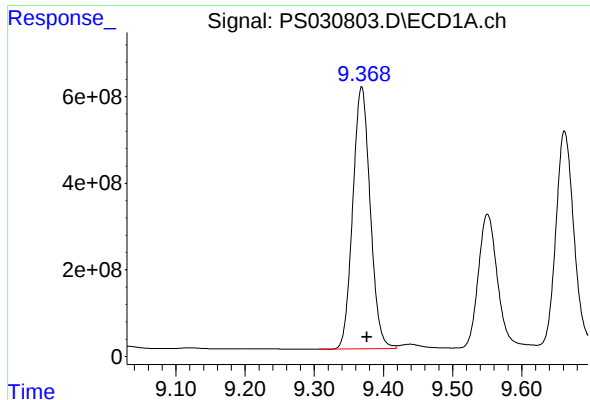
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 28330417234
Conc: 535.29 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.003 min
Response: 20001582566
Conc: 524.67 ng/ml



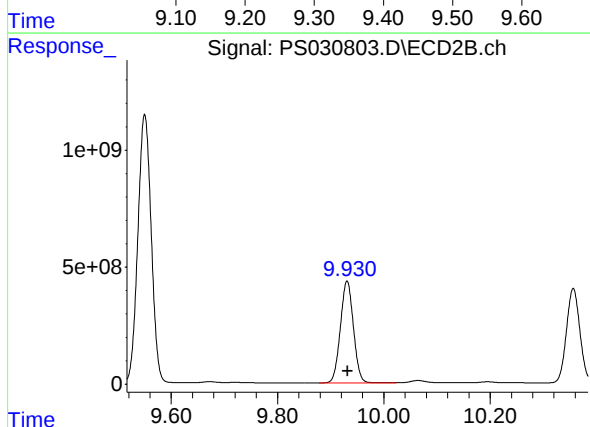
#11 2,4,5-TP (SILVEX)

R.T.: 9.368 min
Delta R.T.: -0.008 min
Response: 10607896096
Conc: 529.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168590BS

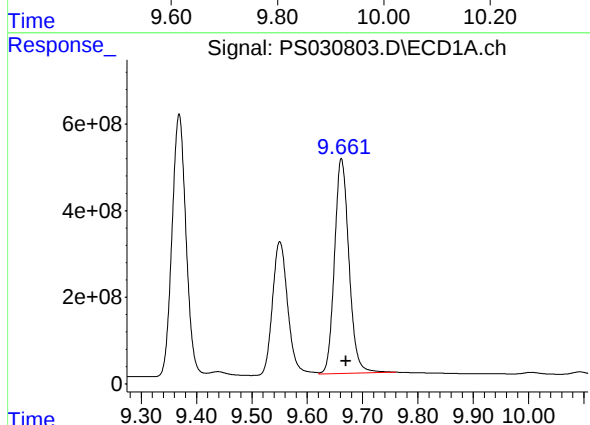
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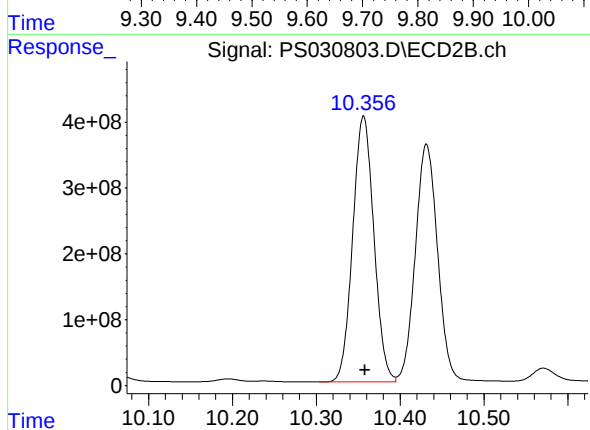
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 7394531035
Conc: 512.49 ng/ml



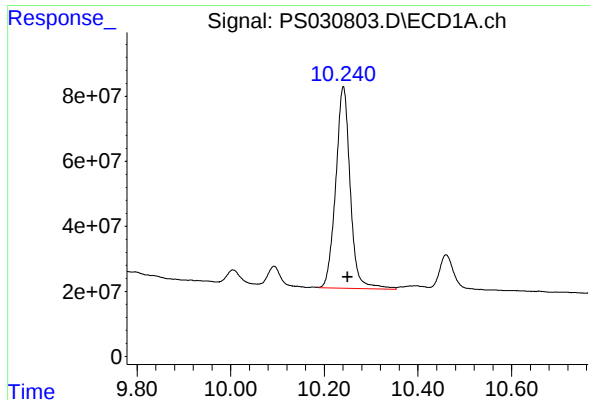
#12 2,4,5-T

R.T.: 9.662 min
Delta R.T.: -0.009 min
Response: 9005903557
Conc: 547.37 ng/ml



#12 2,4,5-T

R.T.: 10.356 min
Delta R.T.: -0.001 min
Response: 7086940869
Conc: 518.63 ng/ml



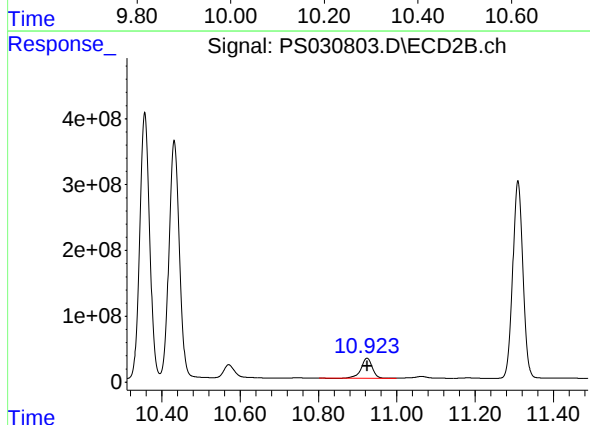
#13 2,4-DB

R.T.: 10.241 min
Delta R.T.: -0.009 min
Response: 1333415821
Conc: 581.39 ng/ml

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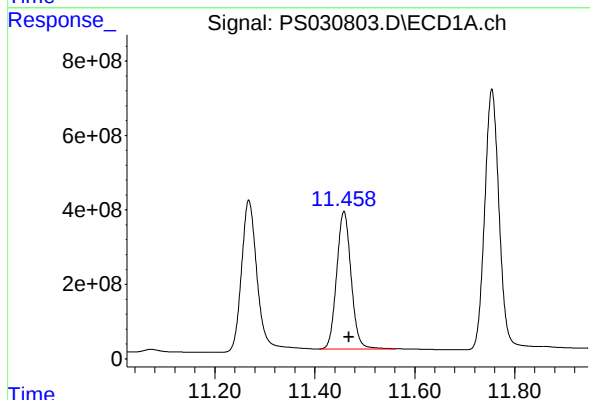
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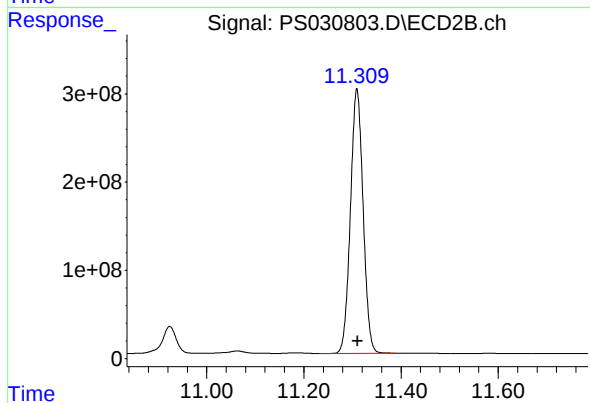
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 598069197
Conc: 505.59 ng/ml



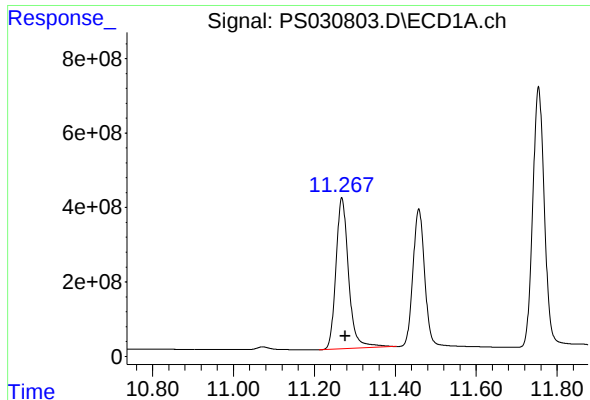
#14 DINOSEB

R.T.: 11.458 min
Delta R.T.: -0.010 min
Response: 7423344766
Conc: 535.09 ng/ml m



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 5417727295
Conc: 502.51 ng/ml



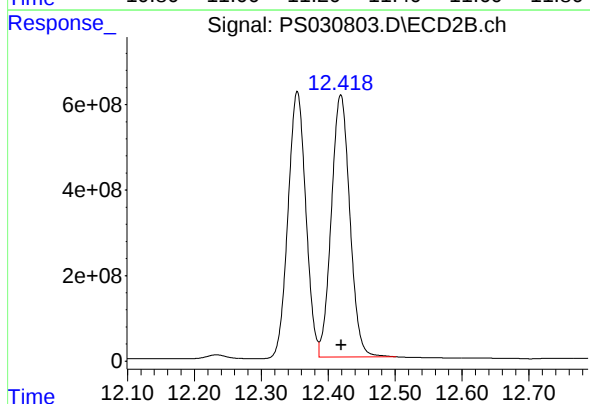
#15 Picloram

R.T.: 11.267 min
Delta R.T.: -0.009 min
Response: 8802683169
Conc: 547.56 ng/ml

Instrument :
ECD_S
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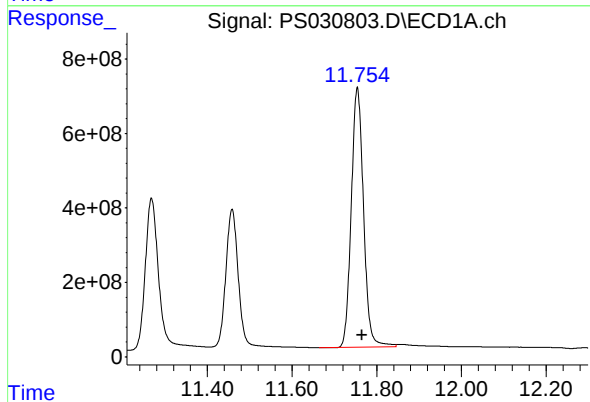
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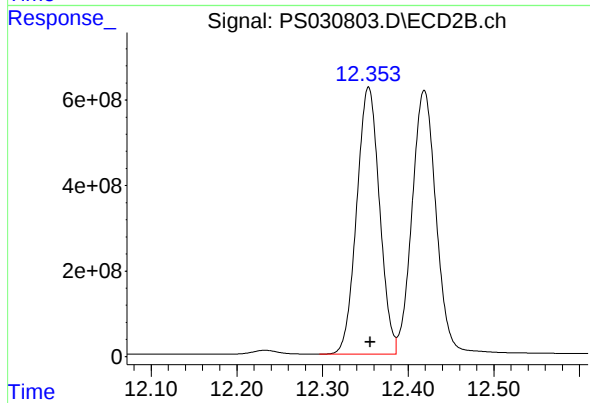
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 11799750596
Conc: 507.70 ng/ml



#16 DCPA

R.T.: 11.754 min
Delta R.T.: -0.011 min
Response: 14007792298
Conc: 546.83 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.002 min
Response: 11580467446
Conc: 525.36 ng/ml m