

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071525\
 Data File : PS031033.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 18:45
 Operator : AR\AJ
 Sample : PB168844BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168844BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 02:49:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.330	7.767	1721.8E6	456.7E6	435.351	440.800
Target Compounds							
1) T	Dalapon	2.687	2.707	3537.4E6	1724.9E6	580.685m	606.757m
2) T	3,5-DICHL...	6.492	6.713	2256.0E6	613.9E6	430.647	395.976m
3) T	4-Nitroph...	7.129	7.300	590.4E6	608.2E6	437.307m	348.785
5) T	DICAMBA	7.519	7.970	6267.2E6	2498.0E6	399.417	385.710
6) T	MCPD	7.698	8.067	355.7E6	71562648	38.660	33.473
7) T	MCPA	7.848	8.314	428.6E6	112.9E6	39.295m	35.225
8) T	DICHLORPROP	8.231	8.689	1616.3E6	577.8E6	474.665	380.286
9) T	2,4-D	8.463	9.025	1782.6E6	849.2E6	579.073	499.716
10) T	Pentachlo...	8.769	9.549	25388.2E6	16926.8E6	505.122	439.257
11) T	2,4,5-TP ...	9.349	9.929	9812.7E6	7116.8E6	527.258	484.937
12) T	2,4,5-T	9.642	10.357	7774.9E6	5855.0E6	511.061m	418.461
13) T	2,4-DB	10.221	10.924	885.5E6	472.7E6	407.938m	399.514
14) T	DINOSEB	11.435	11.309	5233.0E6	3783.2E6	396.924	333.277
15) T	Picloram	11.247	12.418	6761.3E6	8338.4E6	463.997	355.117m
16) T	DCPA	11.729	12.352	9299.9E6	8983.9E6	388.512	398.364m

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

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Operator : AR\AJ
Sample : PB168844BS
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ALS Vial : 12 Sample Multiplier: 1

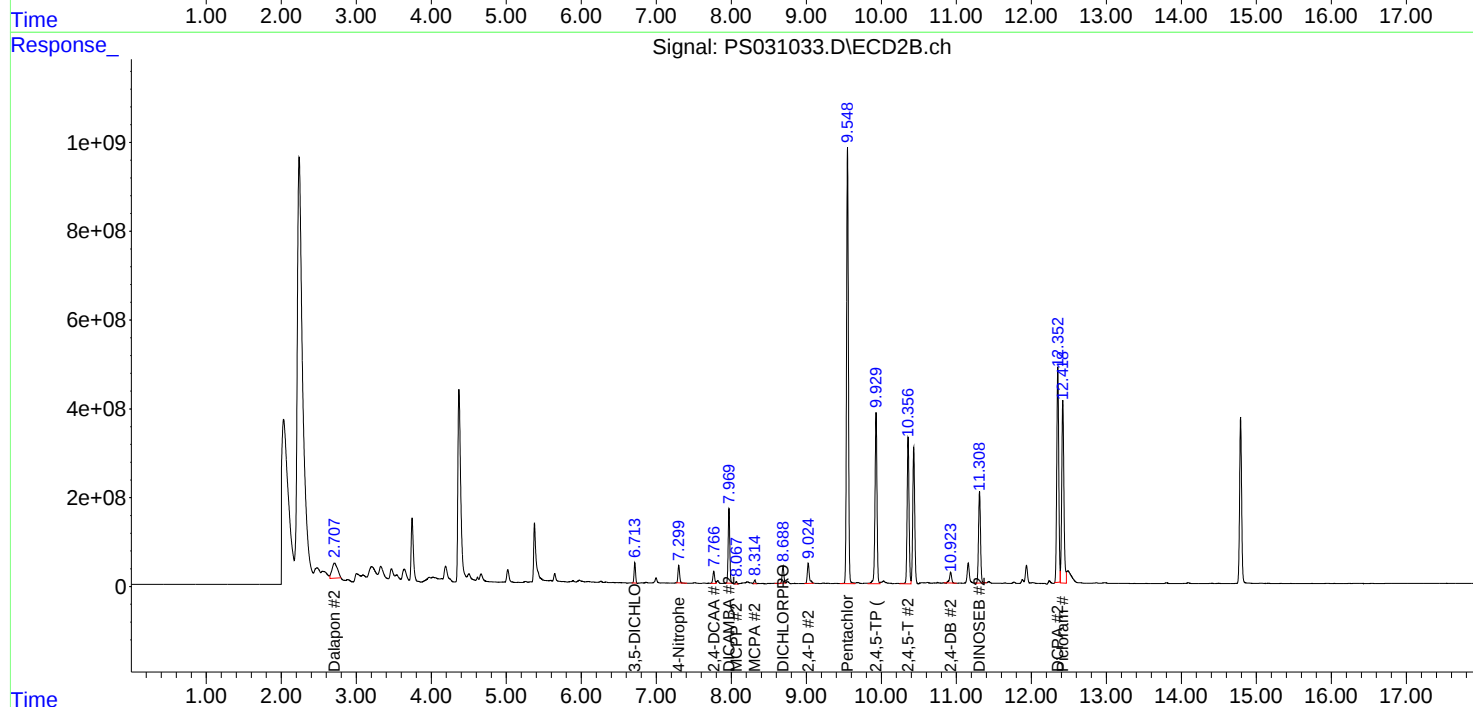
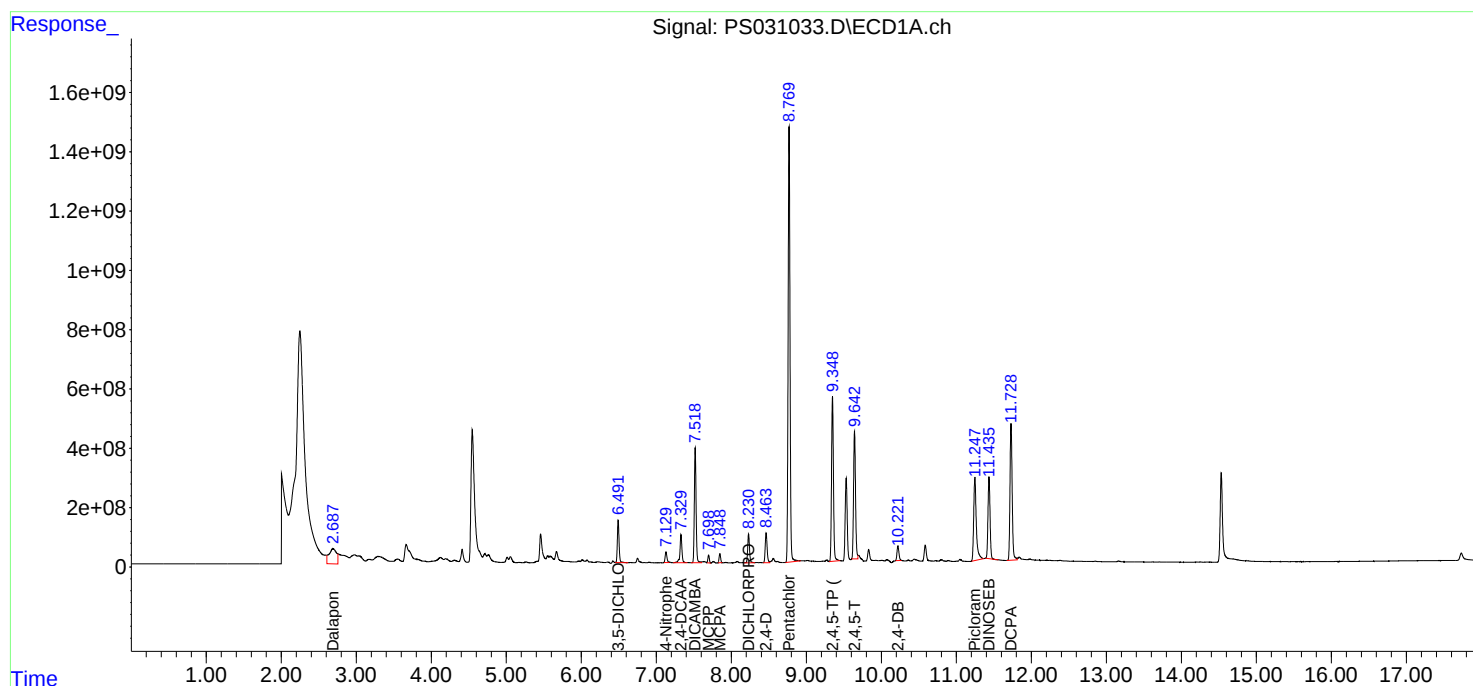
Instrument :
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ClientSampleId :
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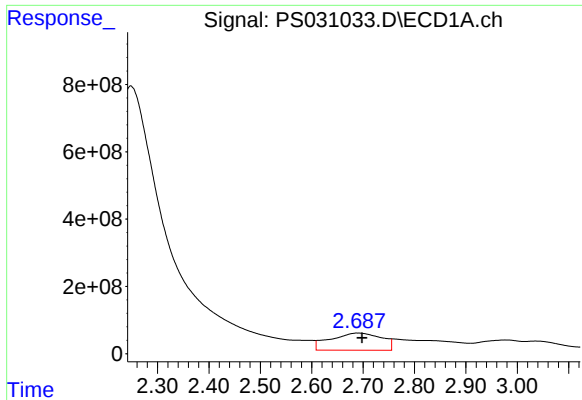
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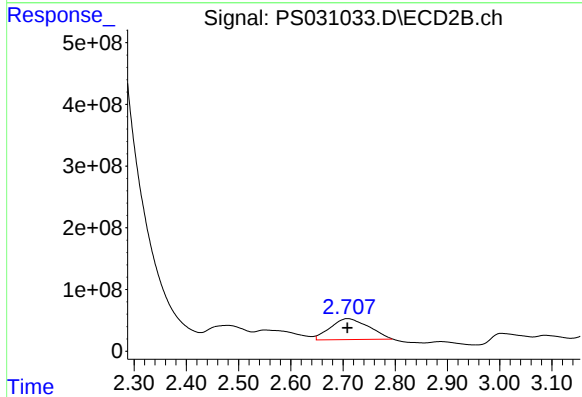
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.011 min
Response: 3537374561
Conc: 580.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168844BS

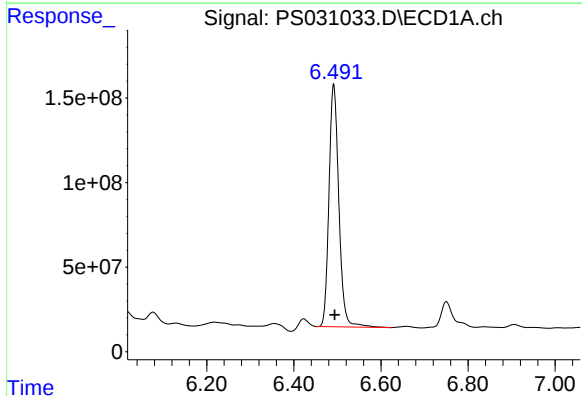
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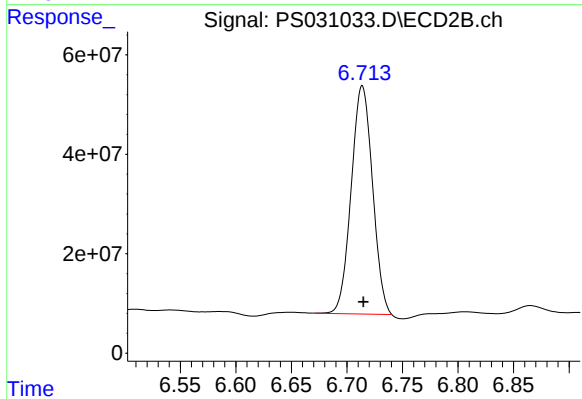
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.002 min
Response: 1724925752
Conc: 606.76 ng/ml m



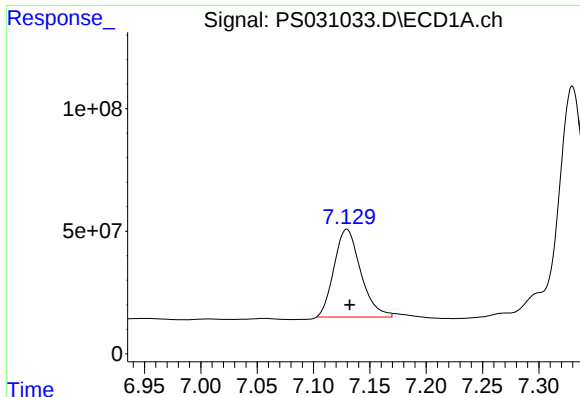
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 2255988096
Conc: 430.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 613896338
Conc: 395.98 ng/ml m



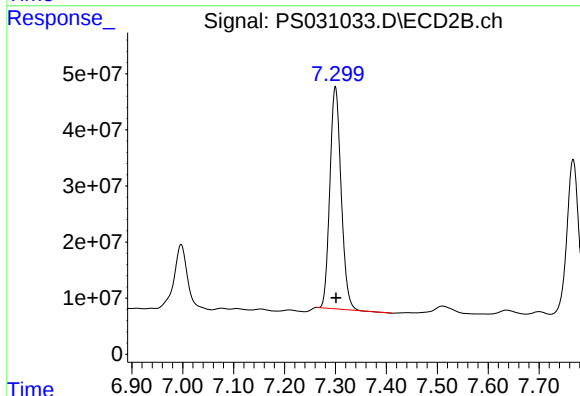
#3 4-Nitrophenol

R.T.: 7.129 min
Delta R.T.: -0.003 min
Response: 590367564
Conc: 437.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168844BS

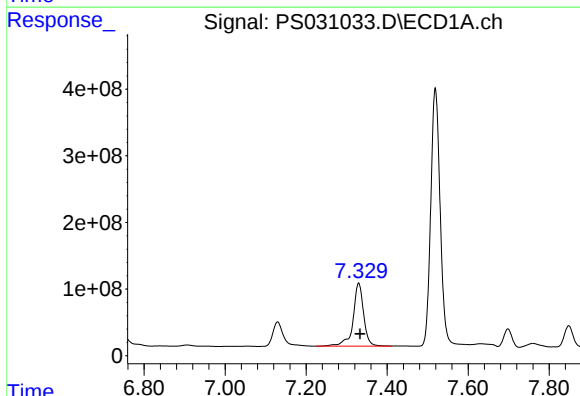
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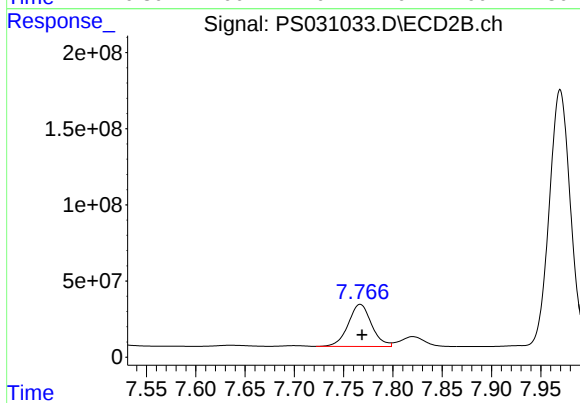
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 608241480
Conc: 348.78 ng/ml



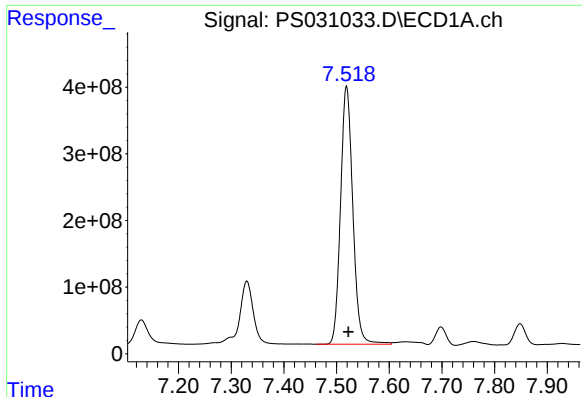
#4 2,4-DCAA

R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 1721844573
Conc: 435.35 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 456683650
Conc: 440.80 ng/ml



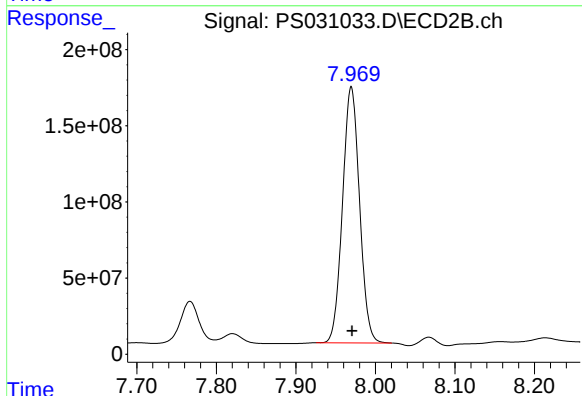
#5 DICAMBA

R.T.: 7.519 min
Delta R.T.: -0.003 min
Response: 6267221656
Conc: 399.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168844BS

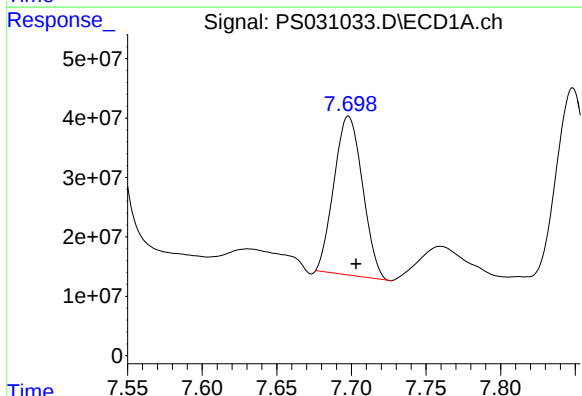
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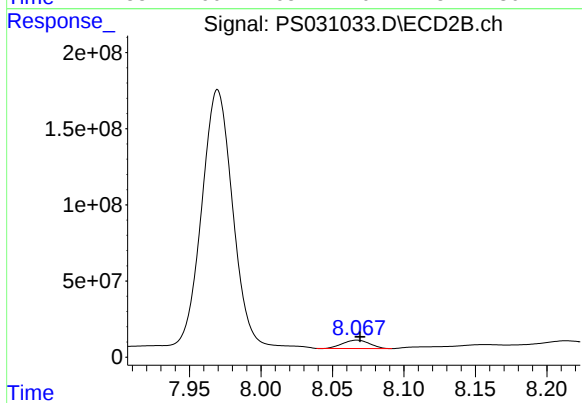
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 2498020109
Conc: 385.71 ng/ml



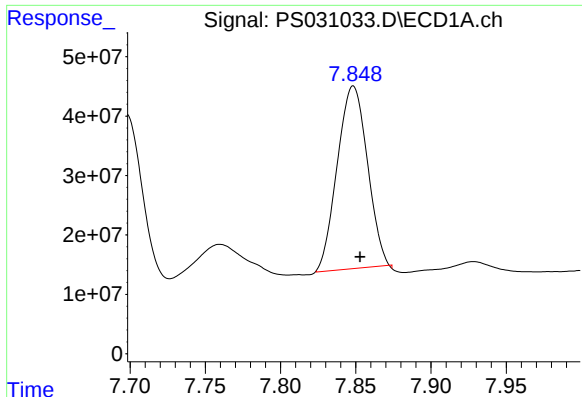
#6 MCPP

R.T.: 7.698 min
Delta R.T.: -0.005 min
Response: 355724752
Conc: 38.66 ug/ml



#6 MCPP

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 71562648
Conc: 33.47 ug/ml



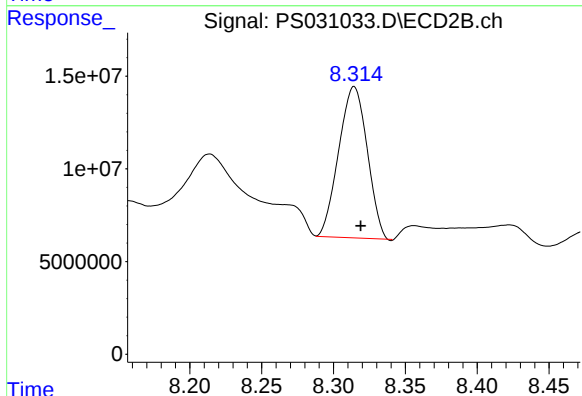
#7 MCPA

R.T.: 7.848 min
Delta R.T.: -0.005 min
Response: 428587043
Conc: 39.30 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168844BS

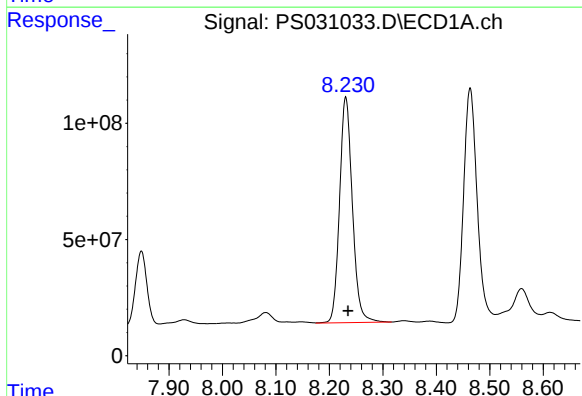
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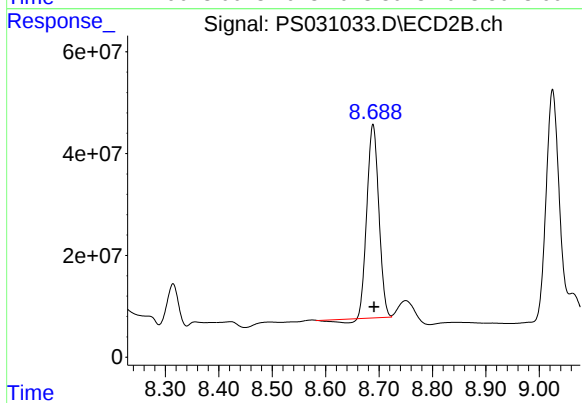
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.005 min
Response: 112919840
Conc: 35.23 ug/ml



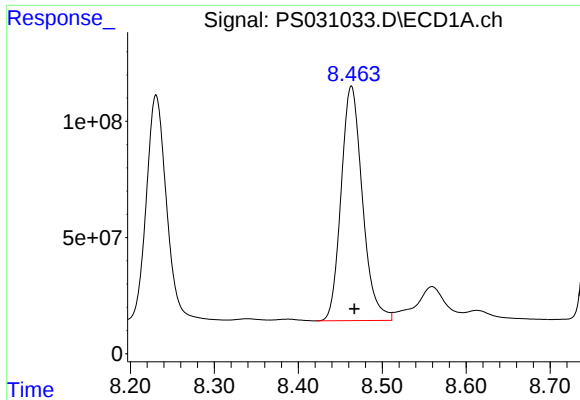
#8 DICHLORPROP

R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 1616306693
Conc: 474.66 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.002 min
Response: 577752980
Conc: 380.29 ng/ml



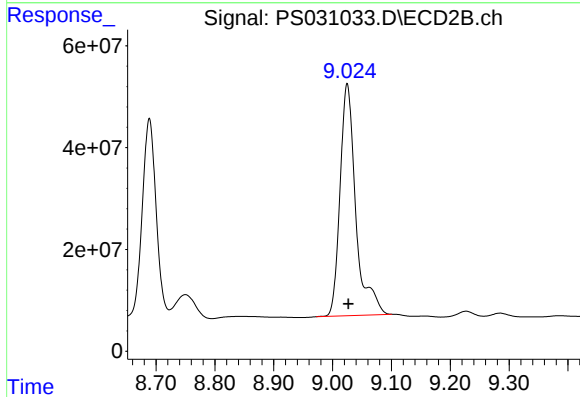
#9 2,4-D

R.T.: 8.463 min
Delta R.T.: -0.004 min
Response: 1782639306
Conc: 579.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168844BS

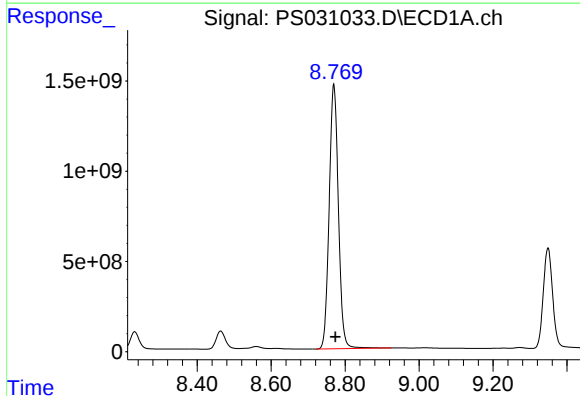
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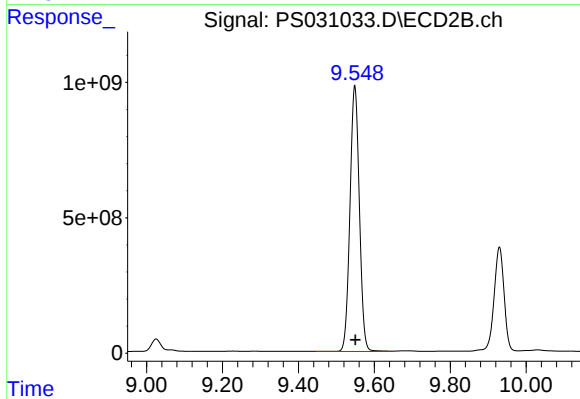
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 849249567
Conc: 499.72 ng/ml



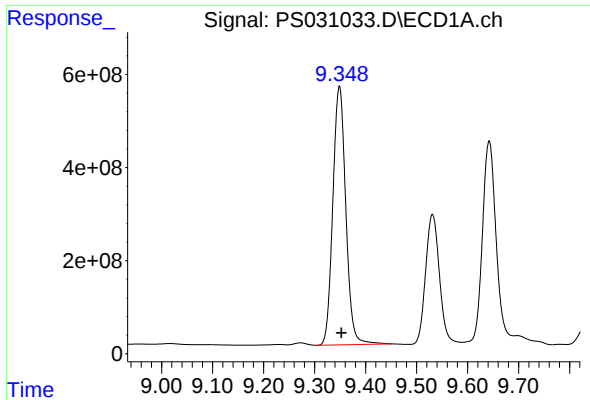
#10 Pentachlorophenol

R.T.: 8.769 min
Delta R.T.: -0.004 min
Response: 25388214859
Conc: 505.12 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.002 min
Response: 16926804967
Conc: 439.26 ng/ml



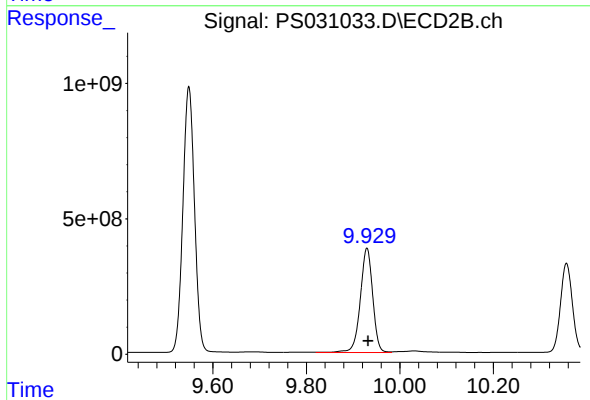
#11 2,4,5-TP (SILVEX)

R.T.: 9.349 min
Delta R.T.: -0.004 min
Response: 9812658436
Conc: 527.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168844BS

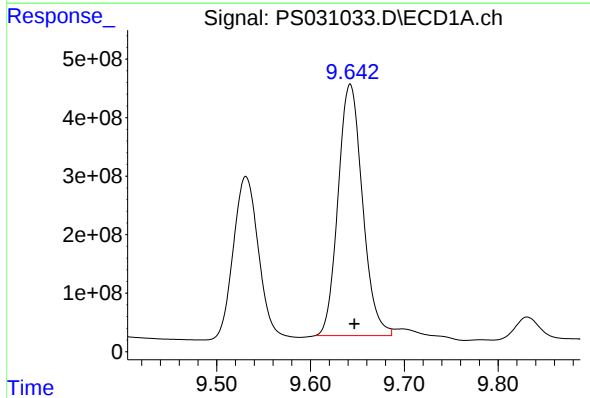
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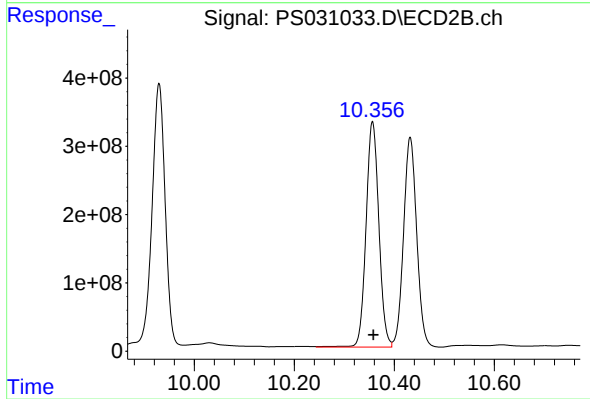
#11 2,4,5-TP (SILVEX)

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 7116828279
Conc: 484.94 ng/ml



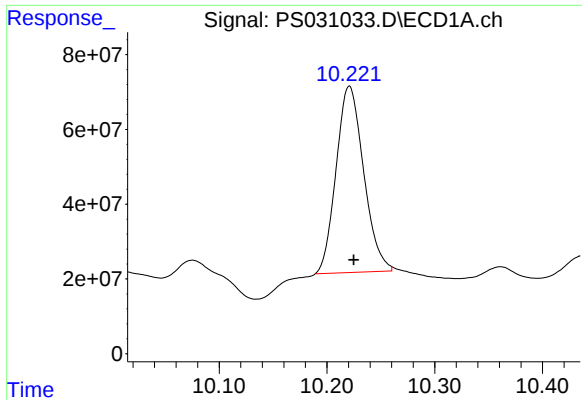
#12 2,4,5-T

R.T.: 9.642 min
Delta R.T.: -0.005 min
Response: 7774935266
Conc: 511.06 ng/ml m



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.002 min
Response: 5855032054
Conc: 418.46 ng/ml



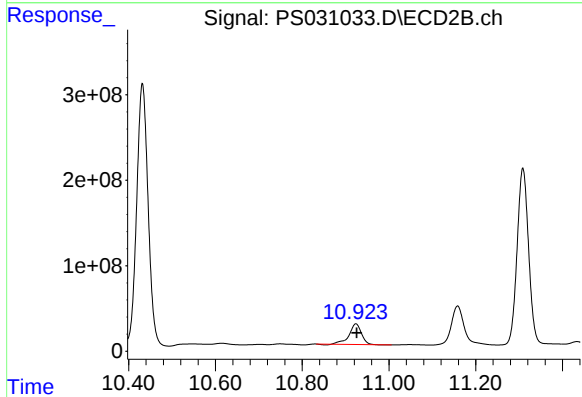
#13 2,4-DB

R.T.: 10.221 min
Delta R.T.: -0.004 min
Response: 885546625
Conc: 407.94 ng/ml

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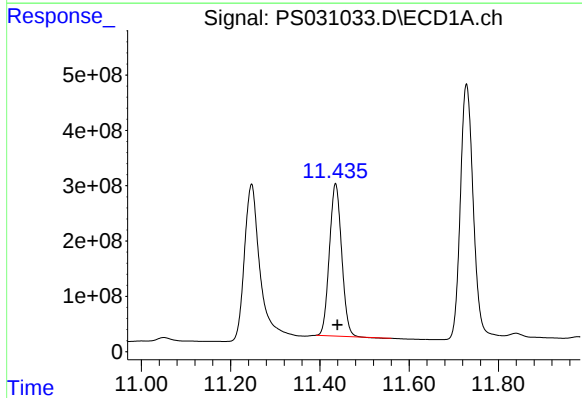
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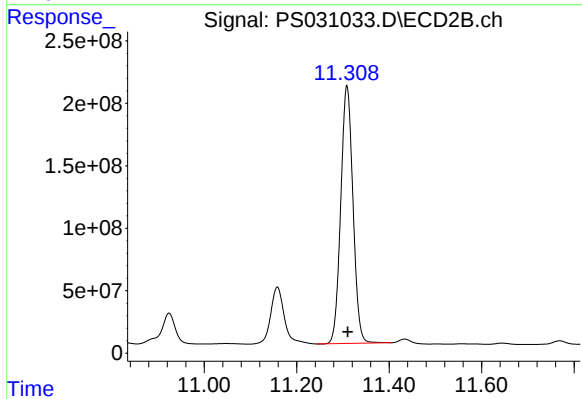
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.002 min
Response: 472697887
Conc: 399.51 ng/ml



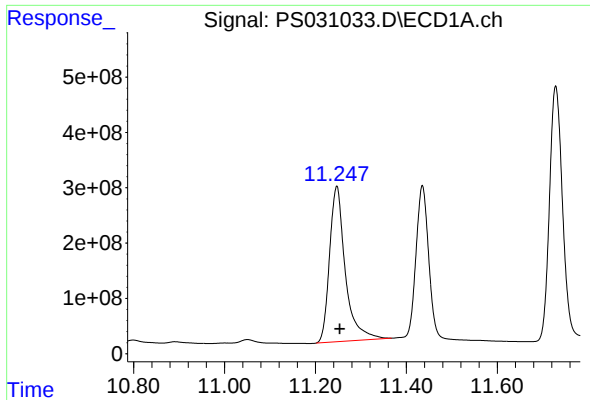
#14 DINOSEB

R.T.: 11.435 min
Delta R.T.: -0.004 min
Response: 5233013275
Conc: 396.92 ng/ml



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 3783194536
Conc: 333.28 ng/ml



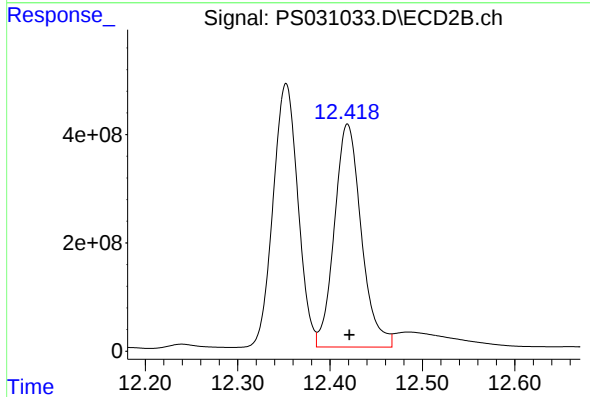
#15 Picloram

R.T.: 11.247 min
Delta R.T.: -0.007 min
Response: 6761341175
Conc: 464.00 ng/ml

Instrument :
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ClientSampleId :
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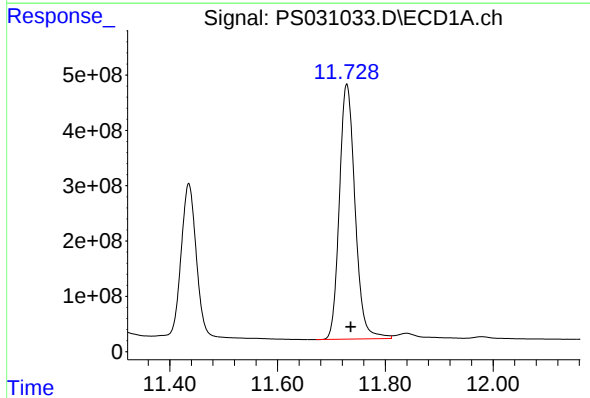
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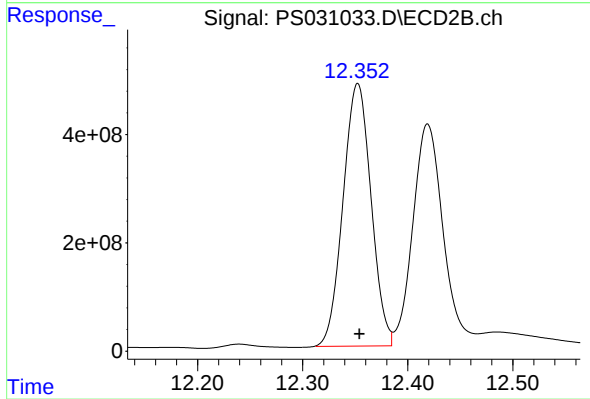
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.003 min
Response: 8338377465
Conc: 355.12 ng/ml m



#16 DCPA

R.T.: 11.729 min
Delta R.T.: -0.007 min
Response: 9299880178
Conc: 388.51 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.002 min
Response: 8983903250
Conc: 398.36 ng/ml m