

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052025\
 Data File : PS030305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 15:59
 Operator : AR\AJ
 Sample : PB168079BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168079BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/21/2025
 Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 02:16:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.931	7.449	1523.1E6	409.1E6	534.817	511.297
Target Compounds							
1) T	Dalapon	2.445	2.519	2365.6E6	940.5E6	481.261	463.085
2) T	3,5-DICHL...	6.135	6.449	2058.8E6	530.3E6	493.648	454.832
3) T	4-Nitroph...	6.721	6.984	1007.9E6	440.3E6	487.961	421.707
5) T	DICAMBA	7.106	7.634	5805.1E6	2268.9E6	502.288	479.891
6) T	MCP	7.284	7.741	367.3E6	86179393	50.440	46.843
7) T	MCPA	7.426	7.970	493.9E6	123.8E6	47.583	46.921
8) T	DICHLORPROP	7.786	8.326	1461.3E6	567.9E6	500.226	480.688
9) T	2,4-D	8.006	8.638	1650.0E6	636.5E6	503.207	493.253
10) T	Pentachlo...	8.283	9.137	21174.2E6	12592.0E6	522.809	510.108
11) T	2,4,5-TP ...	8.847	9.516	8266.3E6	4923.3E6	510.390	499.808
12) T	2,4,5-T	9.129	9.920	8488.1E6	4550.1E6	513.956	494.380
13) T	2,4-DB	9.686	10.478	1387.5E6	434.9E6	531.645	438.205
14) T	DINOSEB	10.846	10.851	5762.8E6	3331.9E6	503.905	487.688
15) T	Picloram	10.667	11.886	10701.0E6	6593.7E6	500.352	468.533m
16) T	DCPA	11.147	11.884	10335.1E6	6882.9E6	519.053	509.445m

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

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Operator : AR\AJ
Sample : PB168079BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

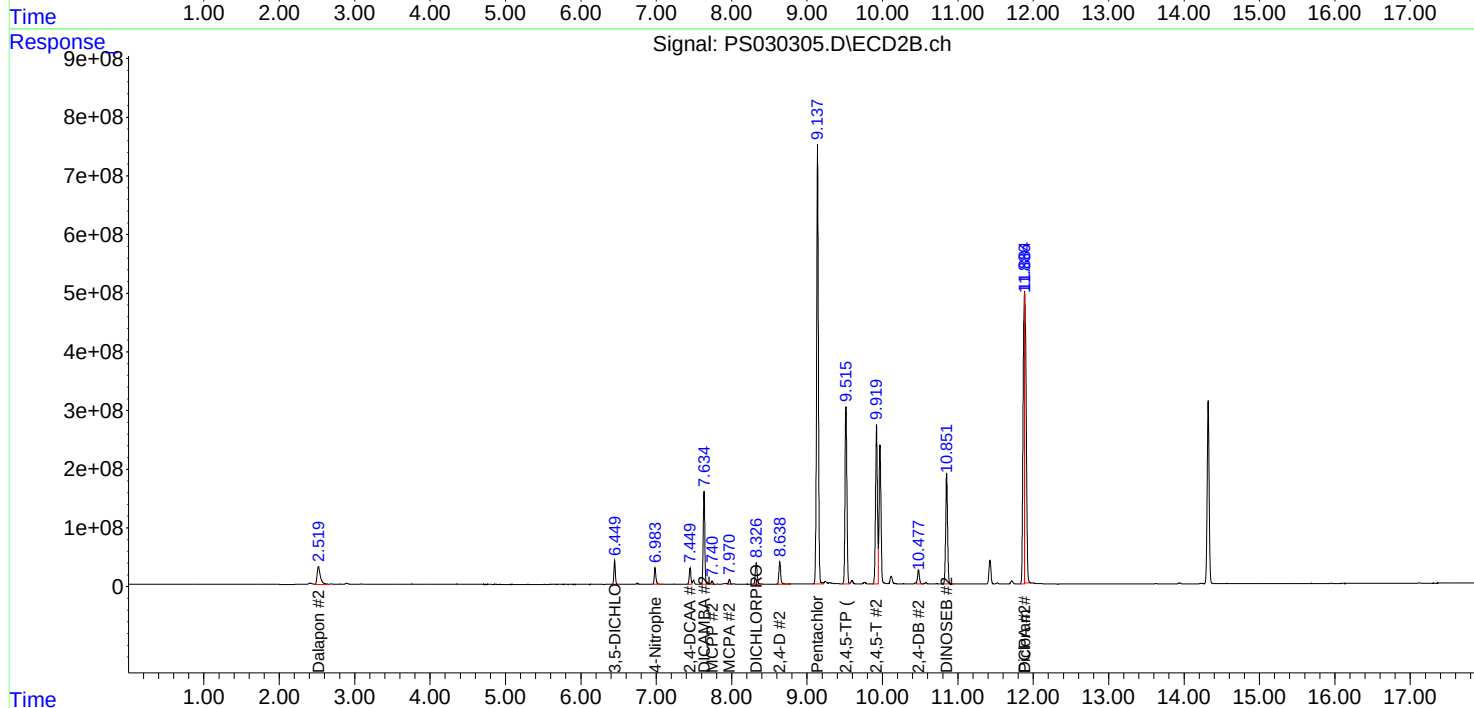
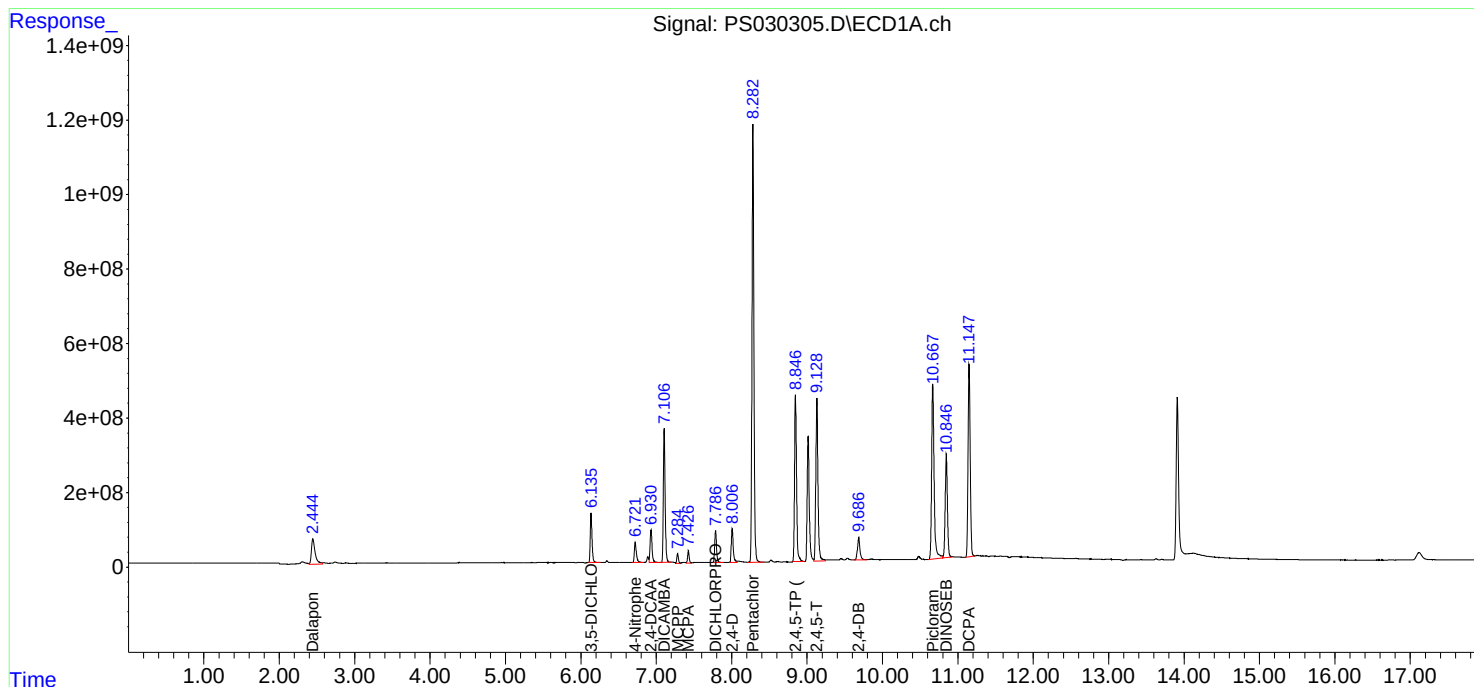
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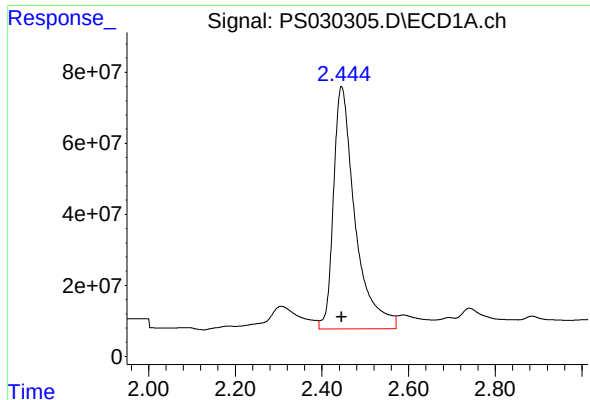
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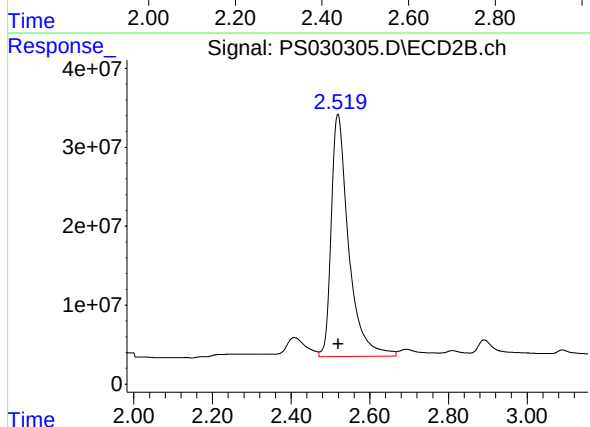
#1 Dalapon

R.T.: 2.445 min
Delta R.T.: -0.001 min
Response: 2365570789
Conc: 481.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168079BS

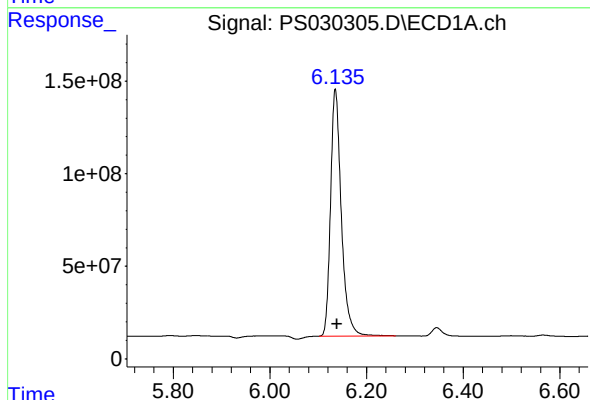
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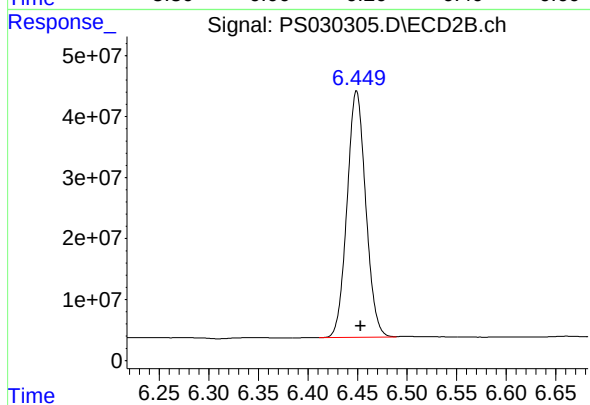
#1 Dalapon

R.T.: 2.519 min
Delta R.T.: -0.001 min
Response: 940549302
Conc: 463.09 ng/ml



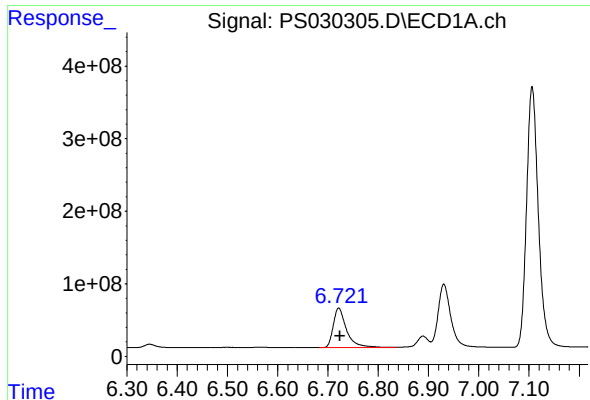
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.135 min
Delta R.T.: -0.003 min
Response: 2058783699
Conc: 493.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 530257027
Conc: 454.83 ng/ml



#3 4-Nitrophenol

R.T.: 6.721 min
Delta R.T.: -0.002 min
Response: 1007939634
Conc: 487.96 ng/ml

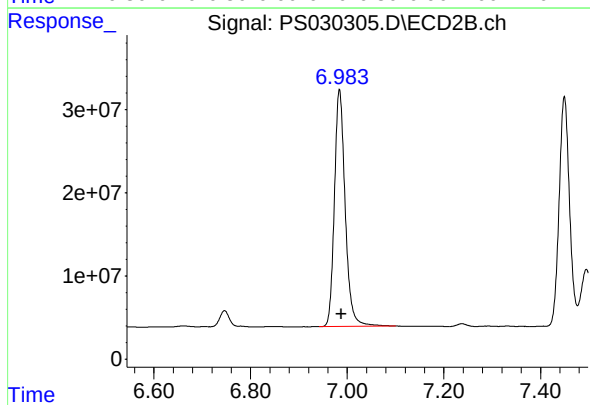
Instrument :

ECD_S

ClientSampleId :
PB168079BS

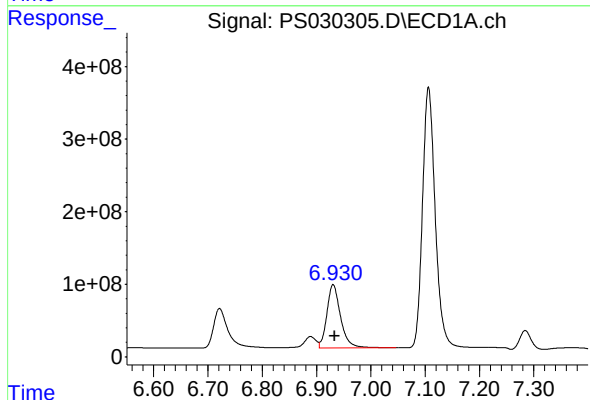
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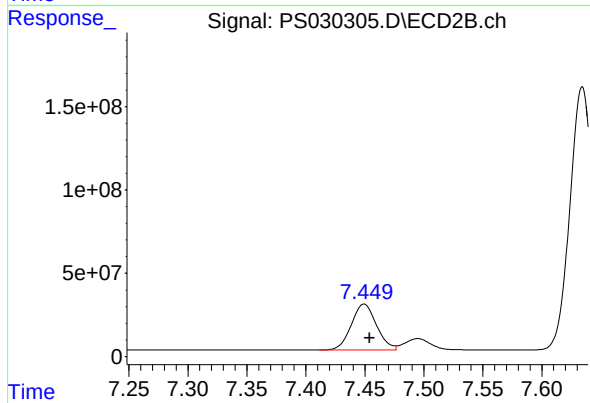
#3 4-Nitrophenol

R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 440275414
Conc: 421.71 ng/ml



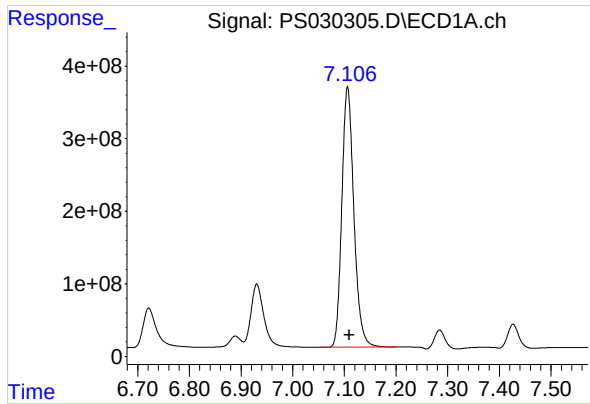
#4 2,4-DCAA

R.T.: 6.931 min
Delta R.T.: -0.003 min
Response: 1523056961
Conc: 534.82 ng/ml



#4 2,4-DCAA

R.T.: 7.449 min
Delta R.T.: -0.005 min
Response: 409141437
Conc: 511.30 ng/ml



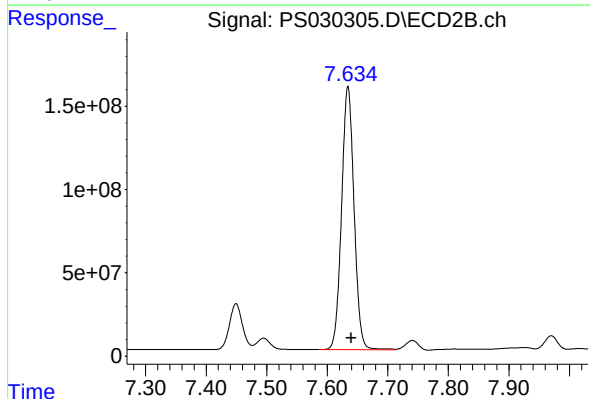
#5 DICAMBA

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 5805120937
Conc: 502.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168079BS

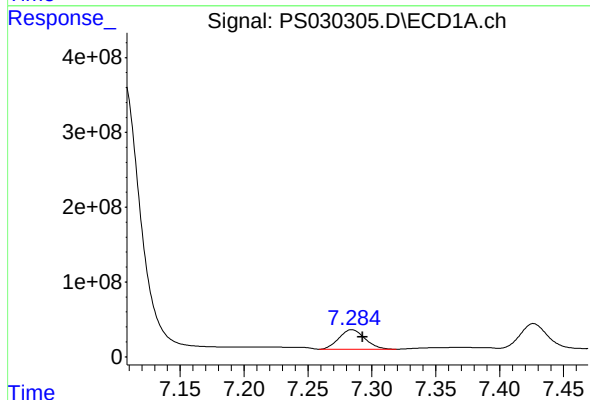
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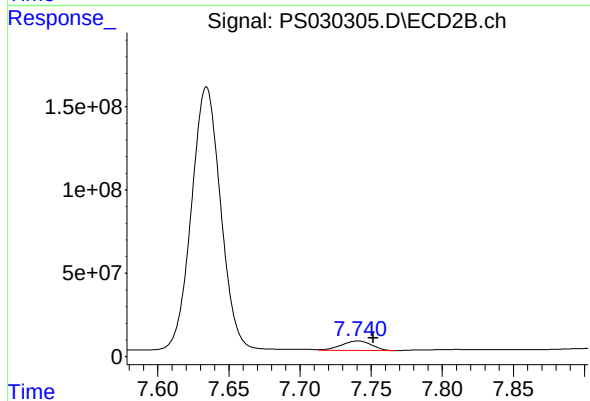
#5 DICAMBA

R.T.: 7.634 min
Delta R.T.: -0.006 min
Response: 2268915966
Conc: 479.89 ng/ml



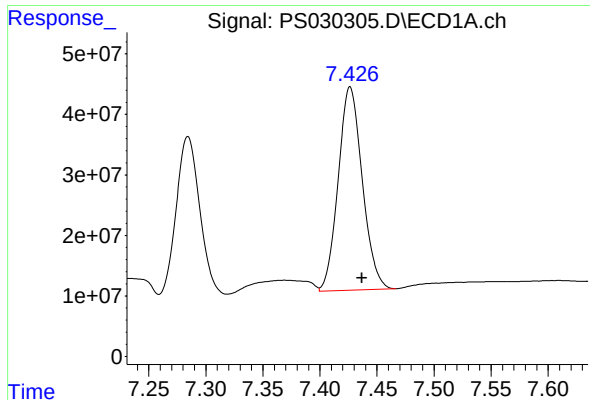
#6 MCPP

R.T.: 7.284 min
Delta R.T.: -0.008 min
Response: 367339695
Conc: 50.44 ug/ml



#6 MCPP

R.T.: 7.741 min
Delta R.T.: -0.011 min
Response: 86179393
Conc: 46.84 ug/ml



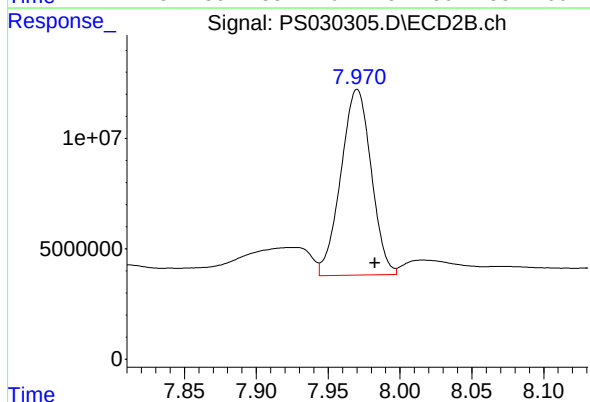
#7 MCPA

R.T.: 7.426 min
Delta R.T.: -0.010 min
Response: 493949450
Conc: 47.58 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168079BS

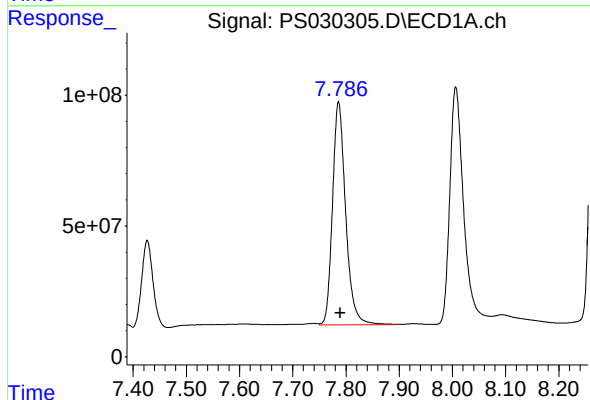
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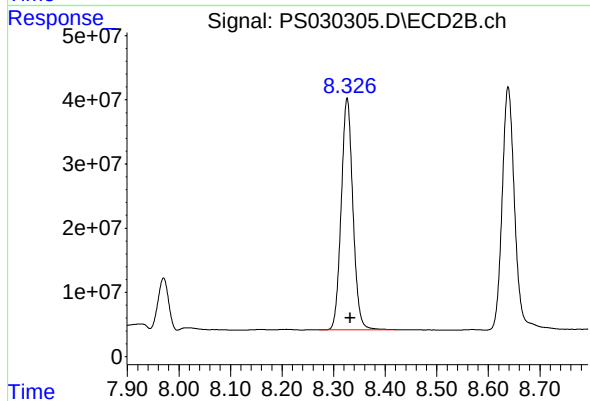
#7 MCPA

R.T.: 7.970 min
Delta R.T.: -0.012 min
Response: 123761855
Conc: 46.92 ug/ml



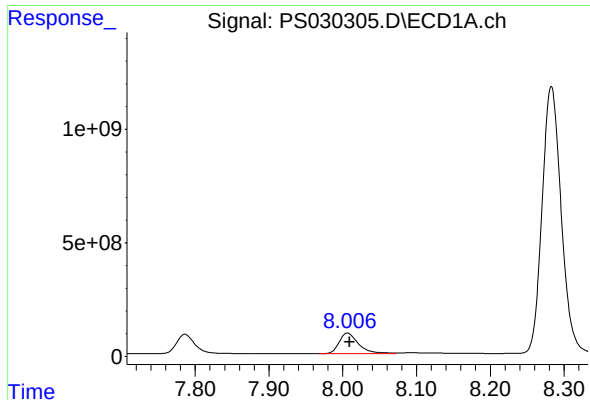
#8 DICHLORPROP

R.T.: 7.786 min
Delta R.T.: -0.003 min
Response: 1461332364
Conc: 500.23 ng/ml



#8 DICHLORPROP

R.T.: 8.326 min
Delta R.T.: -0.007 min
Response: 567900715
Conc: 480.69 ng/ml



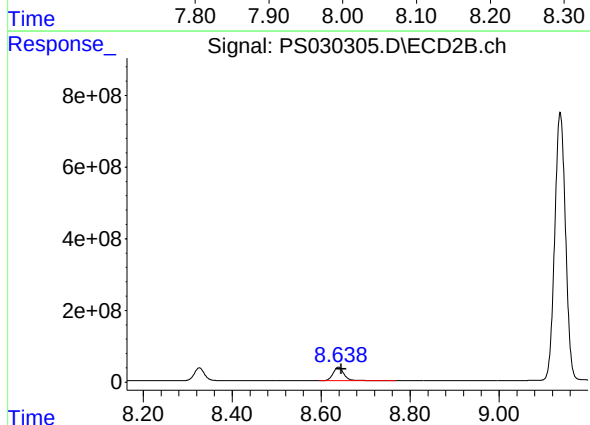
#9 2,4-D

R.T.: 8.006 min
Delta R.T.: -0.003 min
Response: 1649984516
Conc: 503.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168079BS

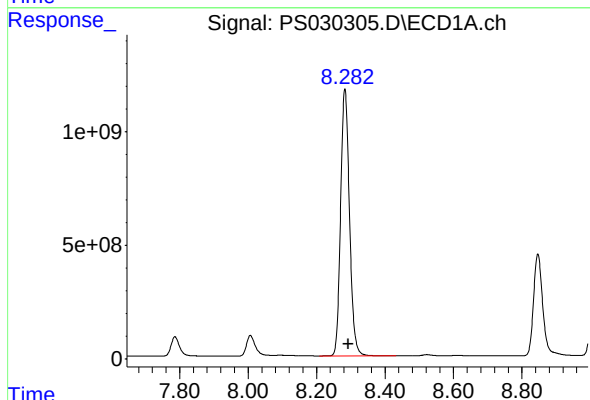
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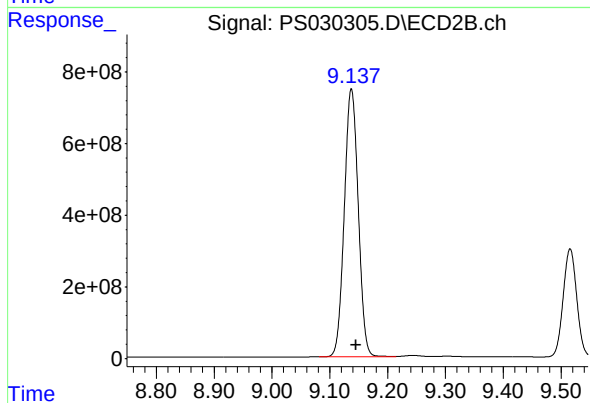
#9 2,4-D

R.T.: 8.638 min
Delta R.T.: -0.007 min
Response: 636543787
Conc: 493.25 ng/ml



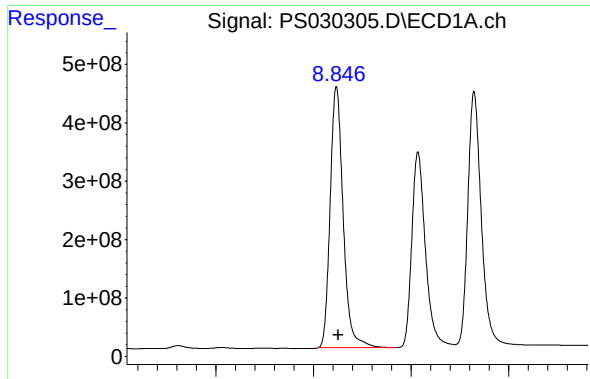
#10 Pentachlorophenol

R.T.: 8.283 min
Delta R.T.: -0.010 min
Response: 21174160921
Conc: 522.81 ng/ml



#10 Pentachlorophenol

R.T.: 9.137 min
Delta R.T.: -0.008 min
Response: 12591992633
Conc: 510.11 ng/ml



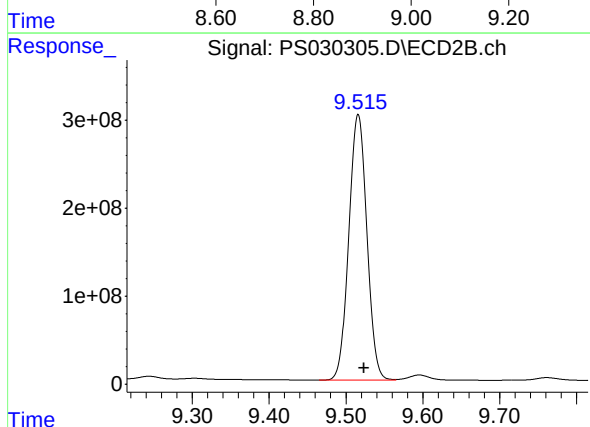
#11 2,4,5-TP (SILVEX)

R.T.: 8.847 min
Delta R.T.: -0.004 min
Response: 8266272526
Conc: 510.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168079BS

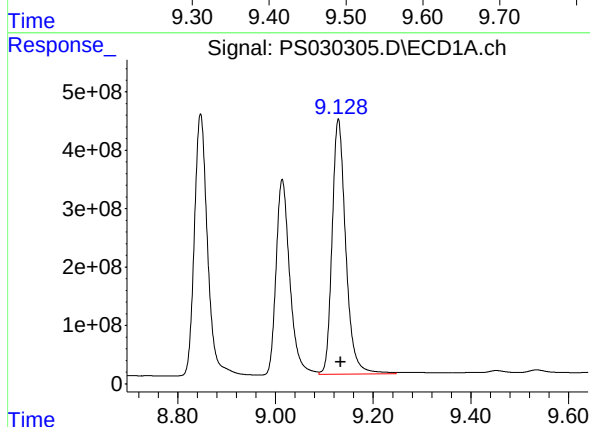
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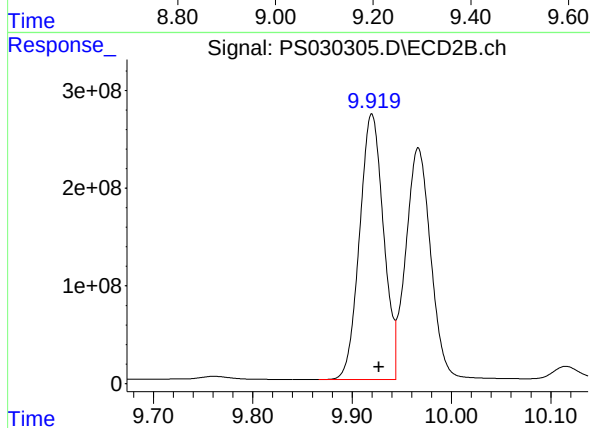
#11 2,4,5-TP (SILVEX)

R.T.: 9.516 min
Delta R.T.: -0.008 min
Response: 4923322922
Conc: 499.81 ng/ml



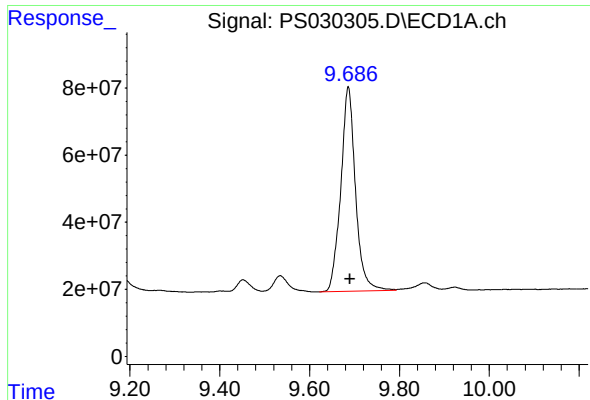
#12 2,4,5-T

R.T.: 9.129 min
Delta R.T.: -0.004 min
Response: 8488079831
Conc: 513.96 ng/ml



#12 2,4,5-T

R.T.: 9.920 min
Delta R.T.: -0.007 min
Response: 4550078987
Conc: 494.38 ng/ml



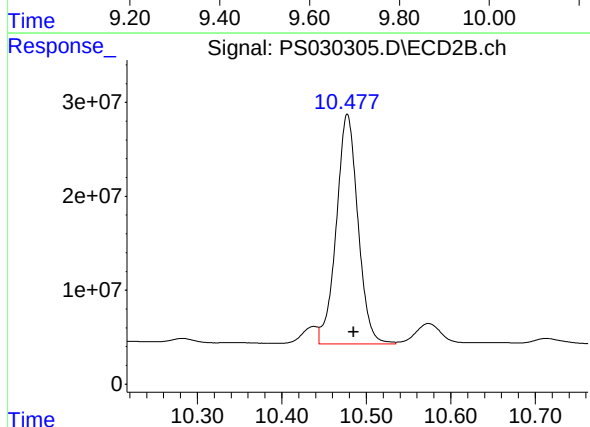
#13 2,4-DB

R.T.: 9.686 min
Delta R.T.: -0.004 min
Response: 1387474410
Conc: 531.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168079BS

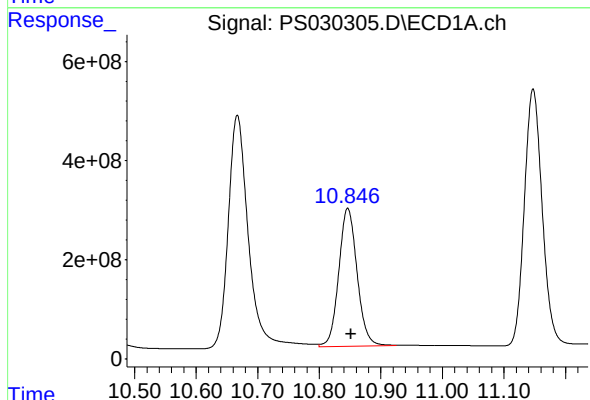
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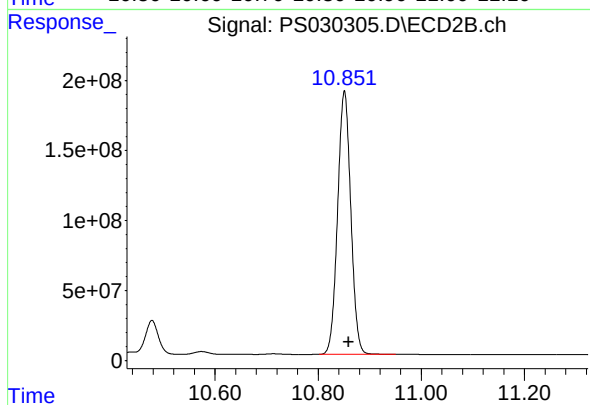
#13 2,4-DB

R.T.: 10.478 min
Delta R.T.: -0.007 min
Response: 434862522
Conc: 438.21 ng/ml



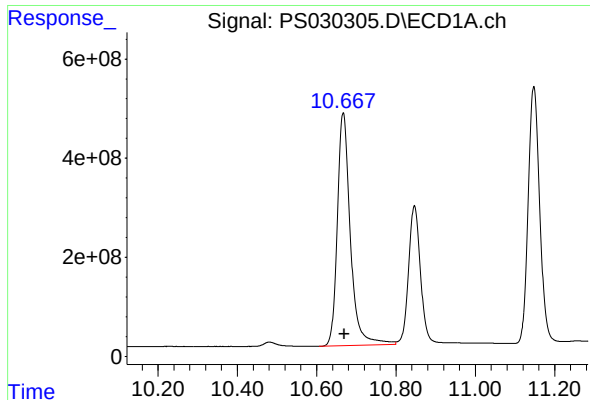
#14 DINOSEB

R.T.: 10.846 min
Delta R.T.: -0.005 min
Response: 5762833900
Conc: 503.90 ng/ml



#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: -0.008 min
Response: 3331873041
Conc: 487.69 ng/ml



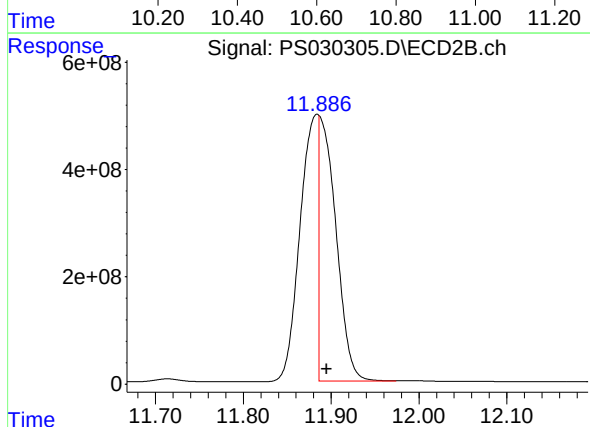
#15 Picloram

R.T.: 10.667 min
Delta R.T.: -0.003 min
Response: 10701024236
Conc: 500.35 ng/ml

Instrument :
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ClientSampleId :
PB168079BS

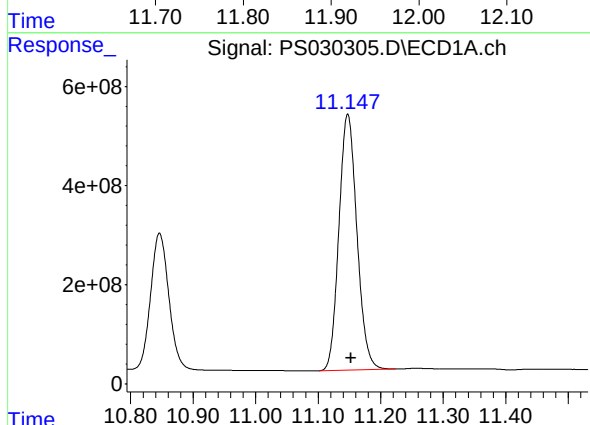
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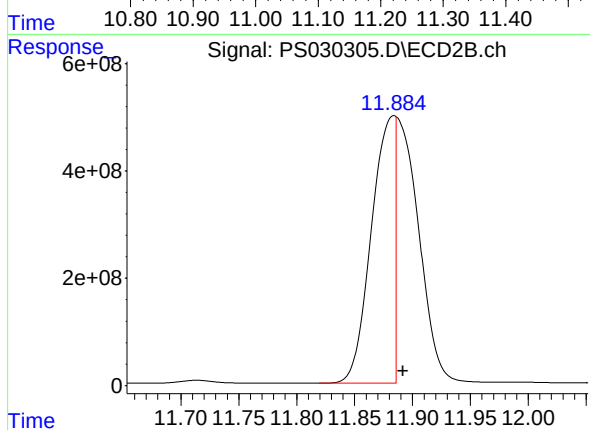
#15 Picloram

R.T.: 11.886 min
Delta R.T.: -0.009 min
Response: 6593725180
Conc: 468.53 ng/ml m



#16 DCPA

R.T.: 11.147 min
Delta R.T.: -0.005 min
Response: 10335120910
Conc: 519.05 ng/ml



#16 DCPA

R.T.: 11.884 min
Delta R.T.: -0.008 min
Response: 6882867177
Conc: 509.45 ng/ml m