

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052725\
 Data File : PS030415.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 17:35
 Operator : AR\AJ
 Sample : Q2100-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-21MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/29/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 09:18:03 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 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	6.925	7.440	1383.1E6	337.5E6	485.659	421.779
Target Compounds							
1) T	Dalapon	2.440	2.511	1652.9E6	1275.1E6	336.262	627.787 #
2) T	3,5-DICHL...	6.130	6.442	2047.5E6	464.3E6	490.948	398.289
3) T	4-Nitroph...	6.716	6.977	27152865	14742339	13.145	14.121
5) T	DICAMBA	7.100	7.625	4864.4E6	2082.5E6	420.891	440.455
6) T	MCP	7.278	7.732	325.4E6	66260309	44.678	36.016
7) T	MCPA	7.419	8.005	407.7E6	29665378	39.269	11.247 #
8) T	DICHLORPROP	7.779	8.317	1335.2E6	626.5E6	457.046	530.292
9) T	2,4-D	7.998	8.628	1732.9E6	648.1E6	528.497	502.247
10) T	Pentachlo...	8.275	9.127	19587.0E6	11543.2E6	483.621	467.619
11) T	2,4,5-TP ...	8.838	9.504	7908.1E6	4887.9E6	488.278m	496.207
12) T	2,4,5-T	9.120	9.907	7839.2E6	4278.9E6	474.668	464.920
13) T	2,4-DB	9.678	10.465	1160.0E6	427.2E6	444.487	430.503
14) T	DINOSEB	10.836	10.837	4438.0E6	2541.6E6	388.063	372.013m
15) T	Picloram	10.657	11.869f	8663.6E6	6781.1E6	405.088	481.845m
16) T	DCPA	11.137	11.866f	8994.6E6	5062.5E6	451.730	374.706m

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

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Operator : AR\AJ
Sample : Q2100-03MSD
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ALS Vial : 6 Sample Multiplier: 1

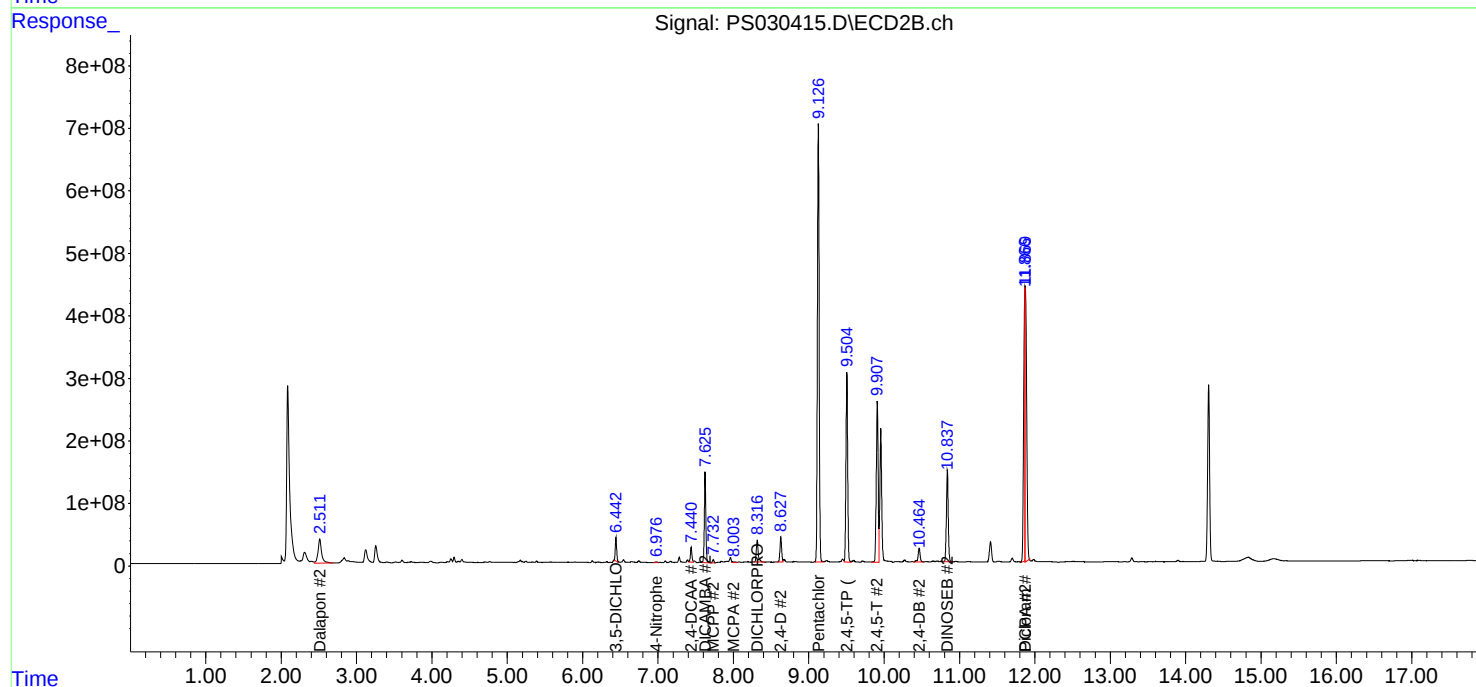
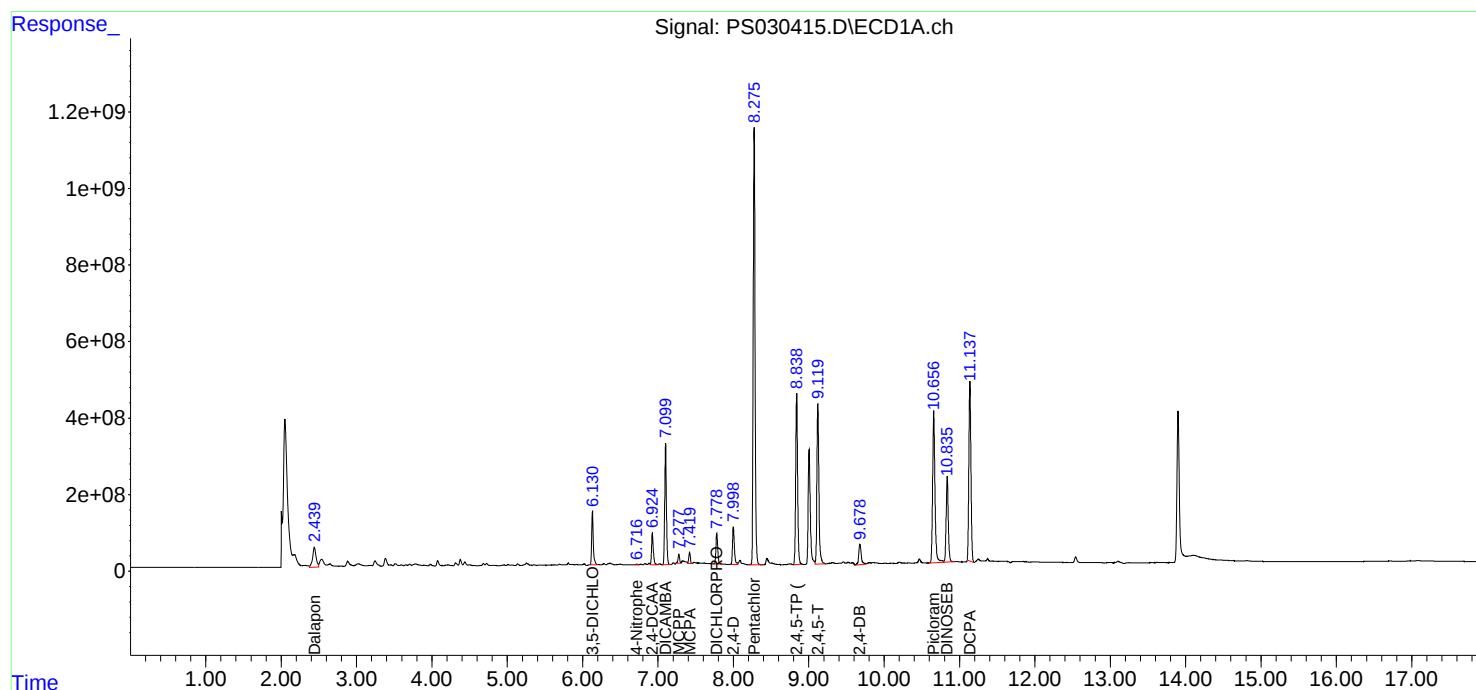
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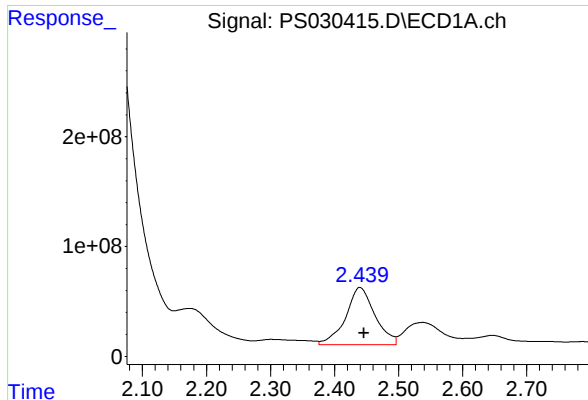
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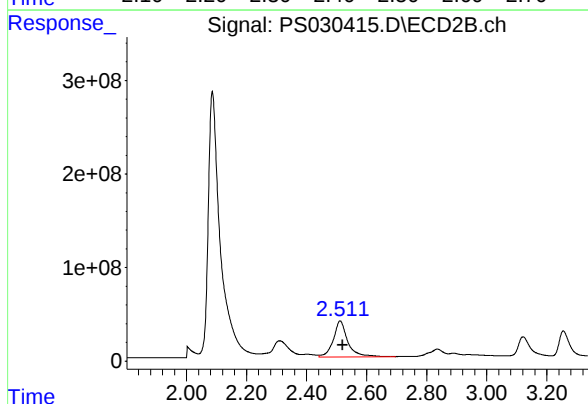
#1 Dalapon

R.T.: 2.440 min
Delta R.T.: -0.006 min
Response: 1652850317
Conc: 336.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

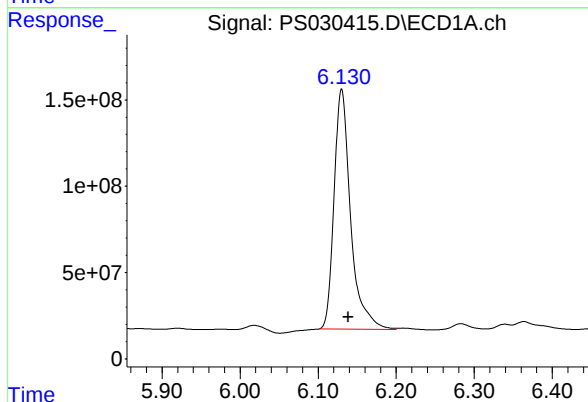
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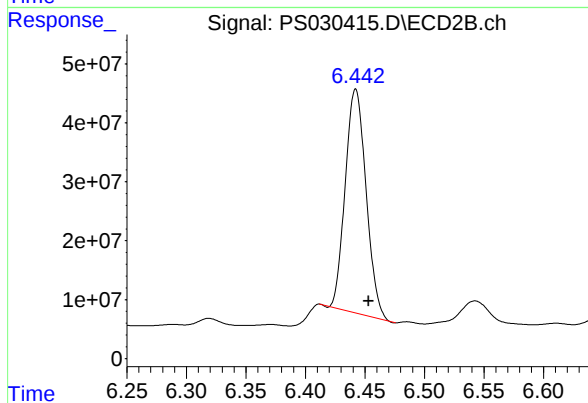
#1 Dalapon

R.T.: 2.511 min
Delta R.T.: -0.009 min
Response: 1275067848
Conc: 627.79 ng/ml



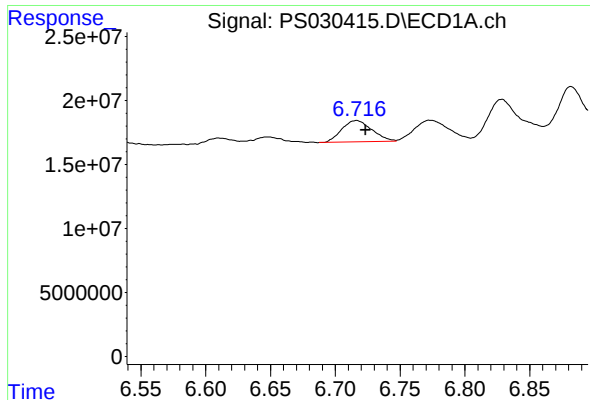
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.130 min
Delta R.T.: -0.009 min
Response: 2047524361
Conc: 490.95 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.442 min
Delta R.T.: -0.011 min
Response: 464337358
Conc: 398.29 ng/ml



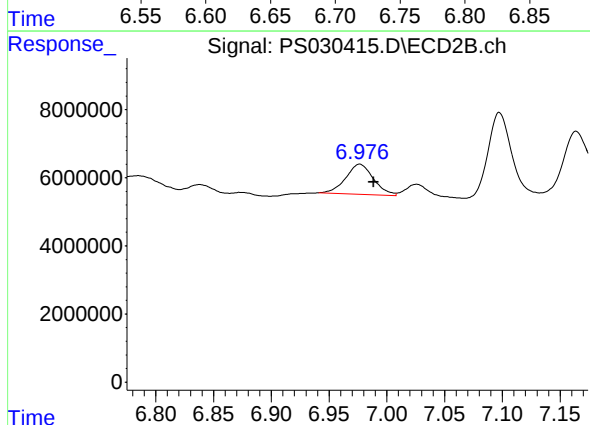
#3 4-Nitrophenol

R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 27152865
Conc: 13.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

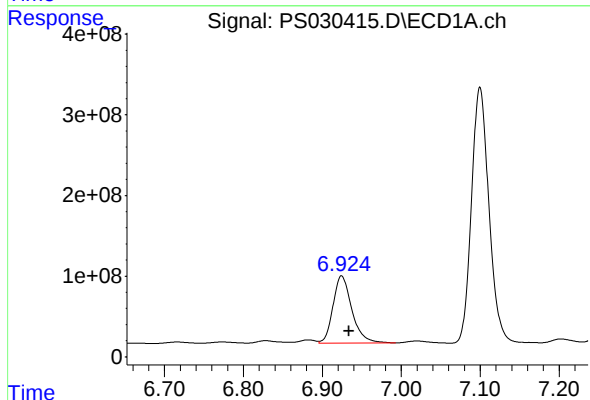
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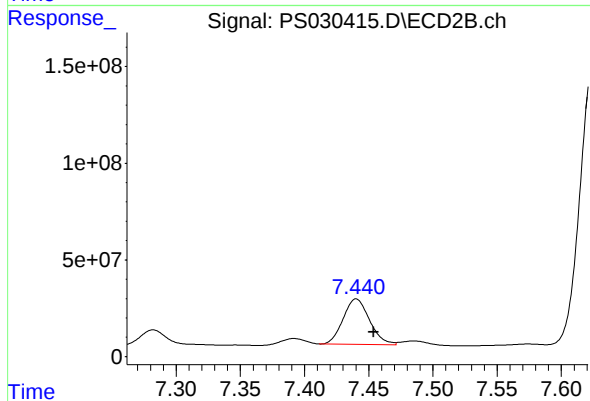
#3 4-Nitrophenol

R.T.: 6.977 min
Delta R.T.: -0.012 min
Response: 14742339
Conc: 14.12 ng/ml



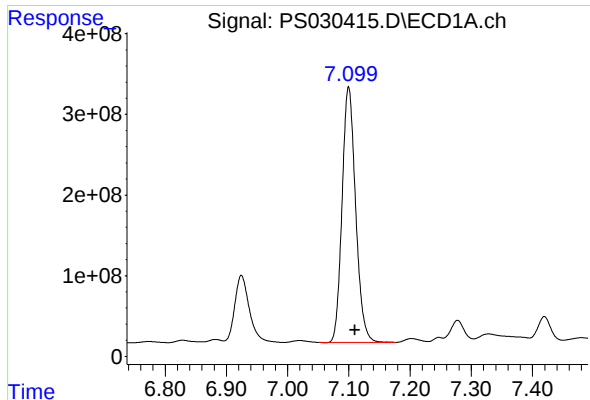
#4 2,4-DCAA

R.T.: 6.925 min
Delta R.T.: -0.009 min
Response: 1383064619
Conc: 485.66 ng/ml



#4 2,4-DCAA

R.T.: 7.440 min
Delta R.T.: -0.014 min
Response: 337508820
Conc: 421.78 ng/ml



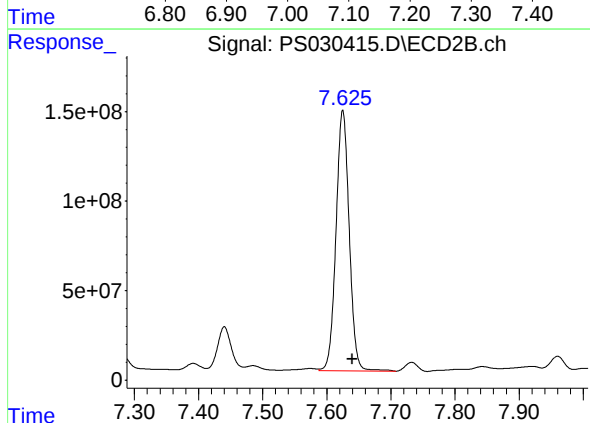
#5 DICAMBA

R.T.: 7.100 min
Delta R.T.: -0.010 min
Response: 4864393169
Conc: 420.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

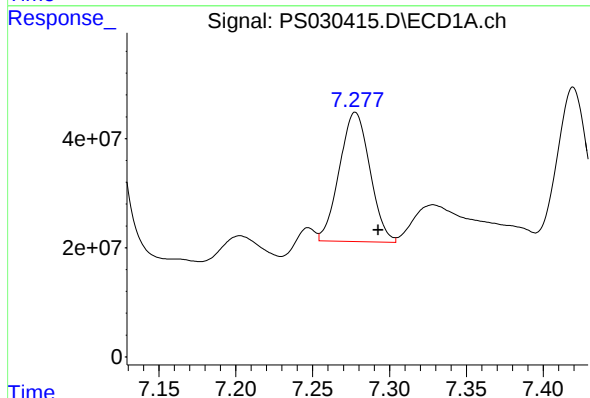
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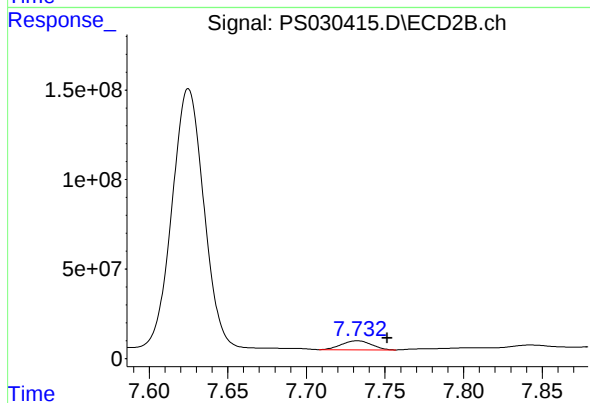
#5 DICAMBA

R.T.: 7.625 min
Delta R.T.: -0.015 min
Response: 2082462223
Conc: 440.46 ng/ml



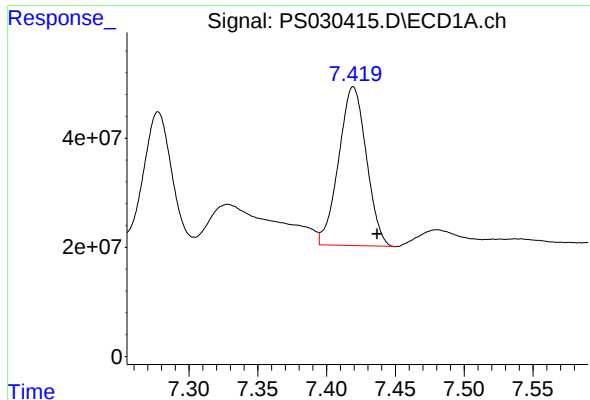
#6 MCP

R.T.: 7.278 min
Delta R.T.: -0.015 min
Response: 325376133
Conc: 44.68 ug/ml



#6 MCP

R.T.: 7.732 min
Delta R.T.: -0.019 min
Response: 66260309
Conc: 36.02 ug/ml



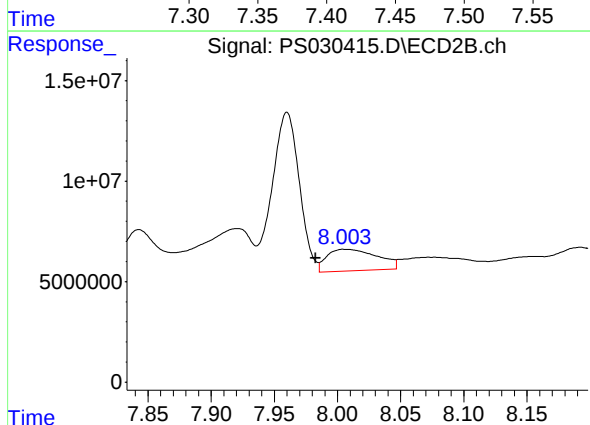
#7 MCPA

R.T.: 7.419 min
Delta R.T.: -0.017 min
Response: 407650600
Conc: 39.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

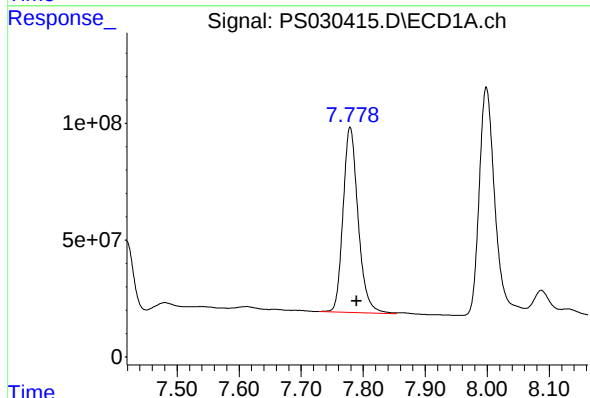
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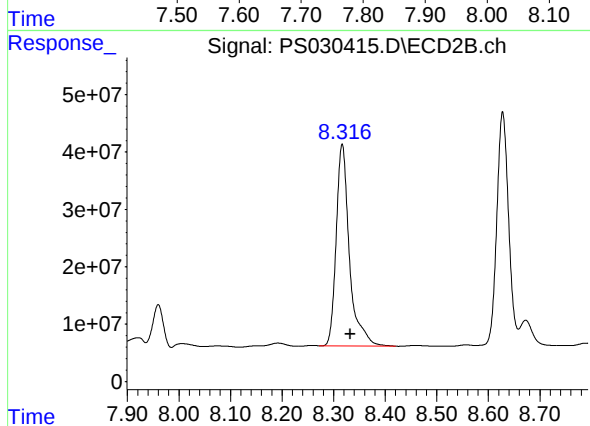
#7 MCPA

R.T.: 8.005 min
Delta R.T.: 0.022 min
Response: 29665378
Conc: 11.25 ug/ml



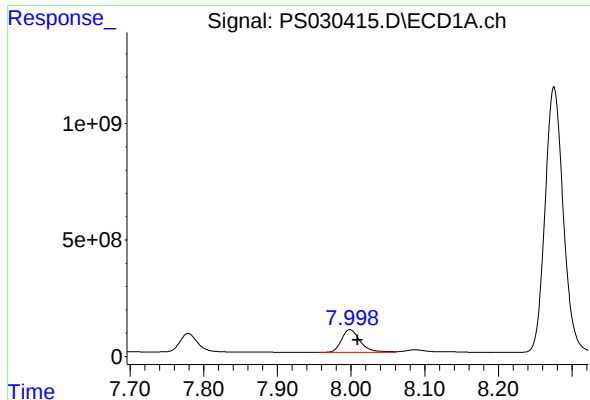
#8 DICHLORPROP

R.T.: 7.779 min
Delta R.T.: -0.010 min
Response: 1335189850
Conc: 457.05 ng/ml



#8 DICHLORPROP

R.T.: 8.317 min
Delta R.T.: -0.016 min
Response: 626504624
Conc: 530.29 ng/ml



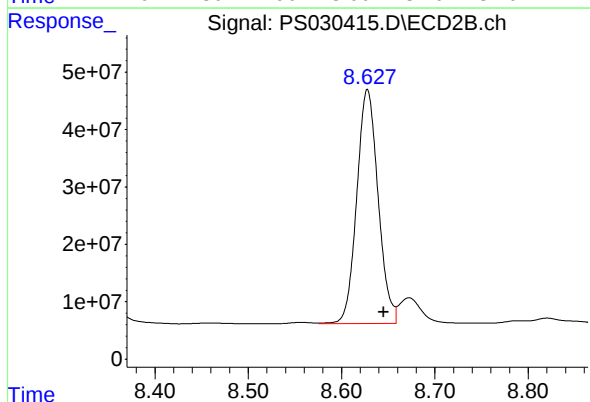
#9 2,4-D

R.T.: 7.998 min
Delta R.T.: -0.011 min
Response: 1732909037
Conc: 528.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

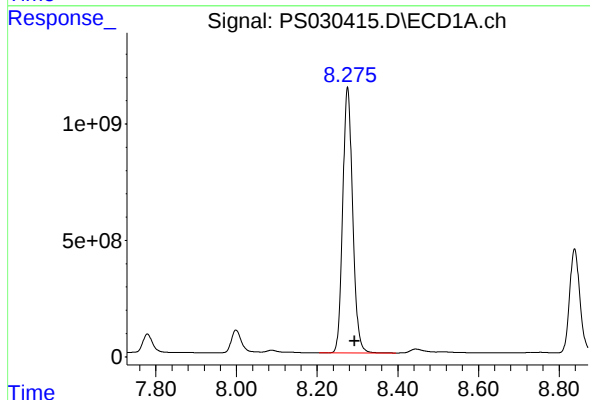
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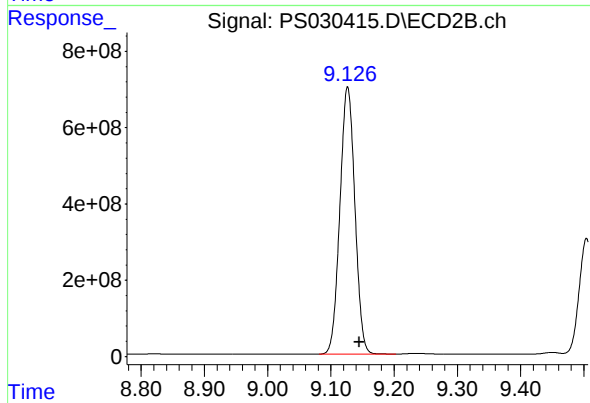
#9 2,4-D

R.T.: 8.628 min
Delta R.T.: -0.017 min
Response: 648149872
Conc: 502.25 ng/ml



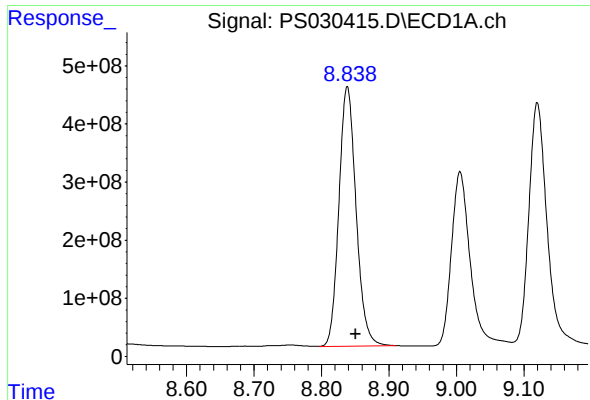
#10 Pentachlorophenol

R.T.: 8.275 min
Delta R.T.: -0.017 min
Response: 19587021074
Conc: 483.62 ng/ml



#10 Pentachlorophenol

R.T.: 9.127 min
Delta R.T.: -0.019 min
Response: 11543155399
Conc: 467.62 ng/ml



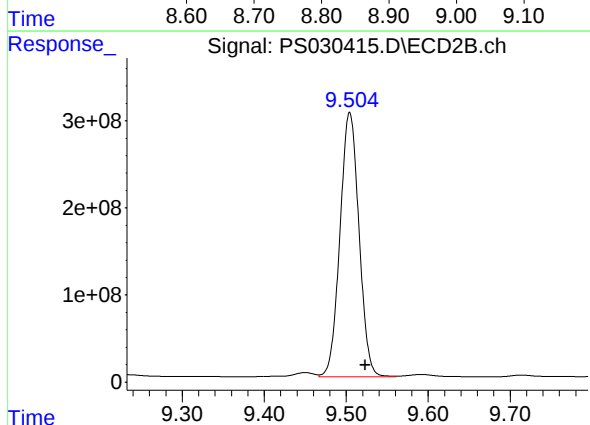
#11 2,4,5-TP (SILVEX)

R.T.: 8.838 min
Delta R.T.: -0.013 min
Response: 7908145759
Conc: 488.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MSD

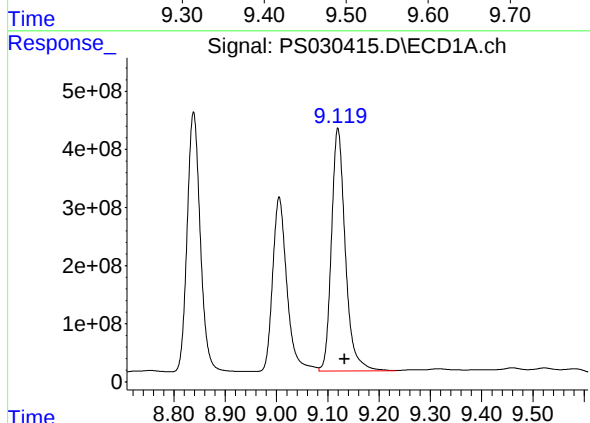
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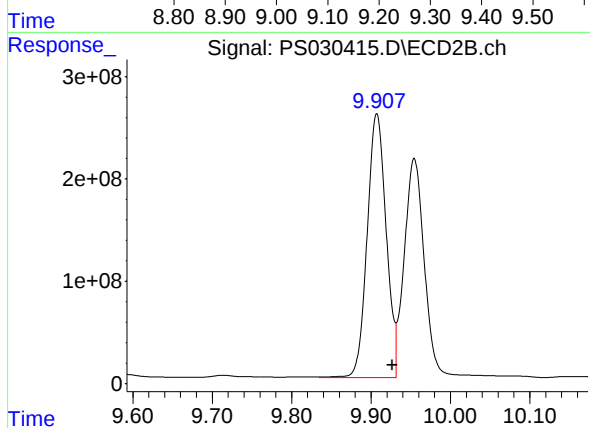
#11 2,4,5-TP (SILVEX)

R.T.: 9.504 min
Delta R.T.: -0.019 min
Response: 4887855826
Conc: 496.21 ng/ml



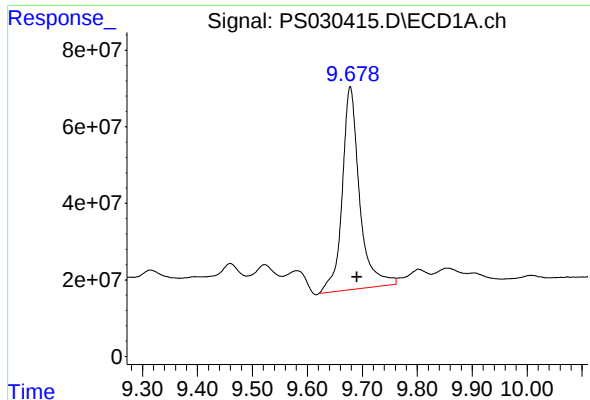
#12 2,4,5-T

R.T.: 9.120 min
Delta R.T.: -0.013 min
Response: 7839231396
Conc: 474.67 ng/ml



#12 2,4,5-T

R.T.: 9.907 min
Delta R.T.: -0.020 min
Response: 4278936850
Conc: 464.92 ng/ml



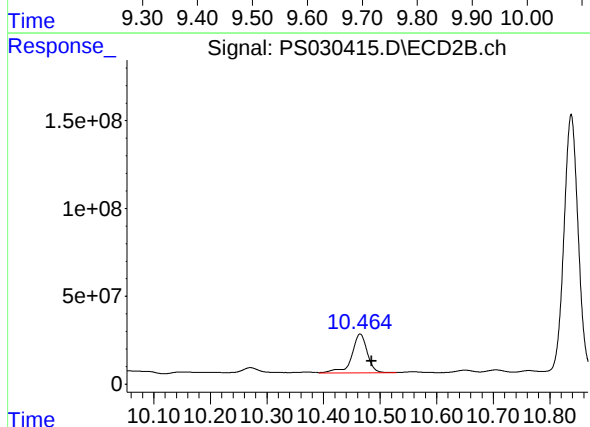
#13 2,4-DB

R.T.: 9.678 min
Delta R.T.: -0.012 min
Response: 1160011353
Conc: 444.49 ng/ml

Instrument :
ECD_S
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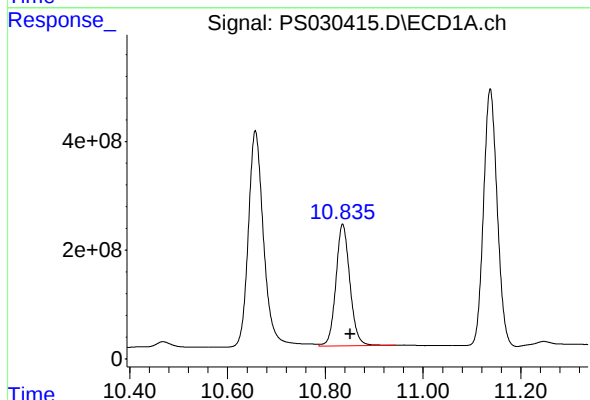
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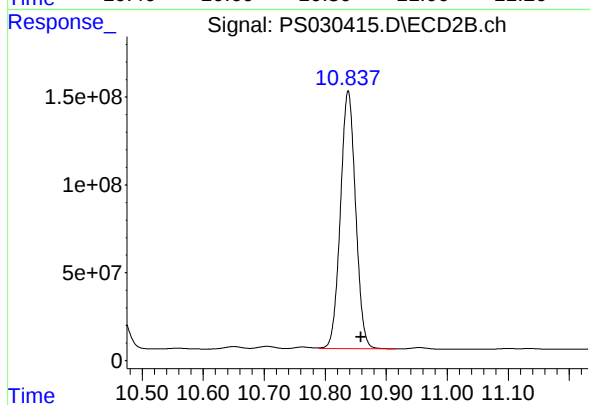
#13 2,4-DB

R.T.: 10.465 min
Delta R.T.: -0.020 min
Response: 427219503
Conc: 430.50 ng/ml



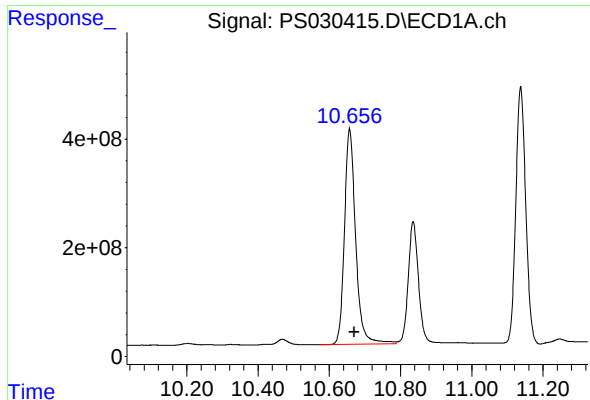
#14 DINOSEB

R.T.: 10.836 min
Delta R.T.: -0.016 min
Response: 4438022626
Conc: 388.06 ng/ml



#14 DINOSEB

R.T.: 10.837 min
Delta R.T.: -0.021 min
Response: 2541586956
Conc: 372.01 ng/ml m



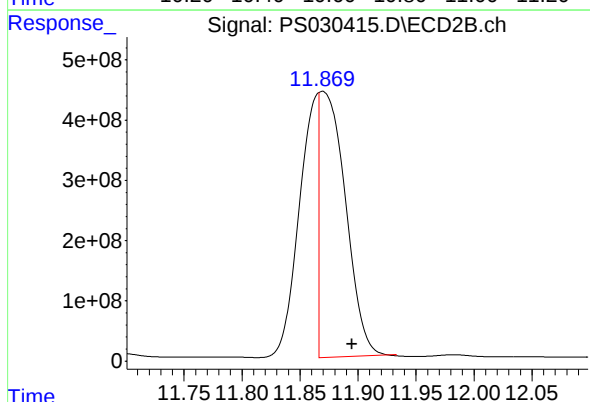
#15 Picloram

R.T.: 10.657 min
Delta R.T.: -0.013 min
Response: 8663606898
Conc: 405.09 ng/ml

Instrument :
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ClientSampleId :
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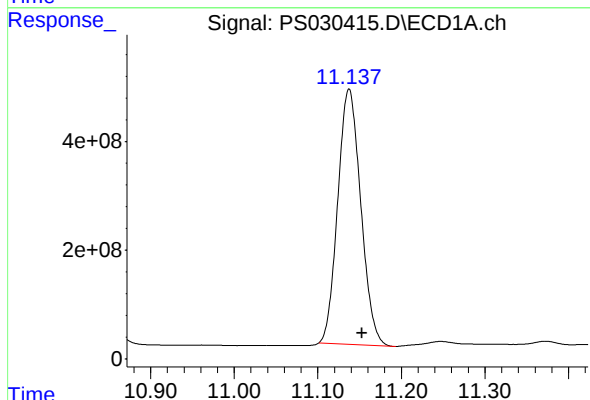
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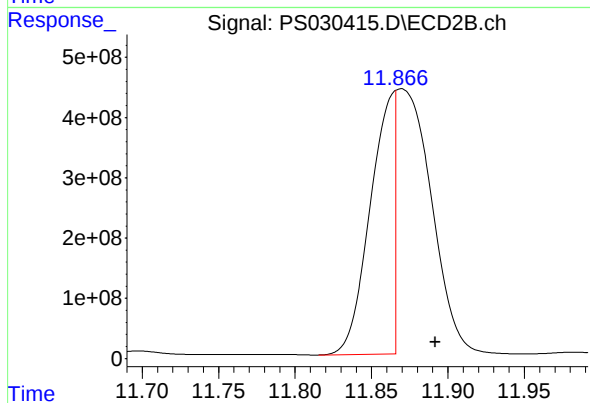
#15 Picloram

R.T.: 11.869 min
Delta R.T.: -0.026 min
Response: 6781061115
Conc: 481.84 ng/ml m



#16 DCPA

R.T.: 11.137 min
Delta R.T.: -0.015 min
Response: 8994626680
Conc: 451.73 ng/ml



#16 DCPA

R.T.: 11.866 min
Delta R.T.: -0.026 min
Response: 5062473002
Conc: 374.71 ng/ml m