

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052725\
 Data File : PS030414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 17:11
 Operator : AR\AJ
 Sample : Q2100-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-21MS

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 09:17:51 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	6.924	7.440	1470.2E6	357.8E6	516.262	447.099
Target Compounds							
1) T	Dalapon	2.440	2.512	1718.3E6	1330.3E6	349.586	654.965 #
2) T	3,5-DICHL...	6.130	6.441	2152.1E6	556.1E6	516.029	477.024m
3) T	4-Nitroph...	6.716	6.977	27472948	15196125	13.300	14.555
5) T	DICAMBA	7.100	7.625	5210.4E6	2237.7E6	450.826	473.282
6) T	MCPD	7.277	7.732	385.7E6	71745744	52.960m	38.997 #
7) T	MCPA	7.419	7.960	448.2E6	132.5E6	43.175	50.231
8) T	DICHLORPROP	7.778	8.316	1421.8E6	673.5E6	486.679	570.029
9) T	2,4-D	7.998	8.627	1831.7E6	687.4E6	558.634	532.644
10) T	Pentachlo...	8.276	9.126	20692.8E6	12332.1E6	510.924	499.578
11) T	2,4,5-TP ...	8.837	9.503	8326.1E6	5232.3E6	514.081m	531.175
12) T	2,4,5-T	9.120	9.907	8228.5E6	4572.8E6	498.239	496.850
13) T	2,4-DB	9.678	10.464	1206.3E6	456.0E6	462.232	459.478
14) T	DINOSEB	10.836	10.837	4643.5E6	2743.7E6	406.030	401.590m
15) T	Picloram	10.657	11.870f	9203.3E6	6450.1E6	430.324	458.326m
16) T	DCPA	11.138	11.867f	9358.2E6	5615.7E6	469.988	415.652m

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

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Acq On : 27 May 2025 17:11
Operator : AR\AJ
Sample : Q2100-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

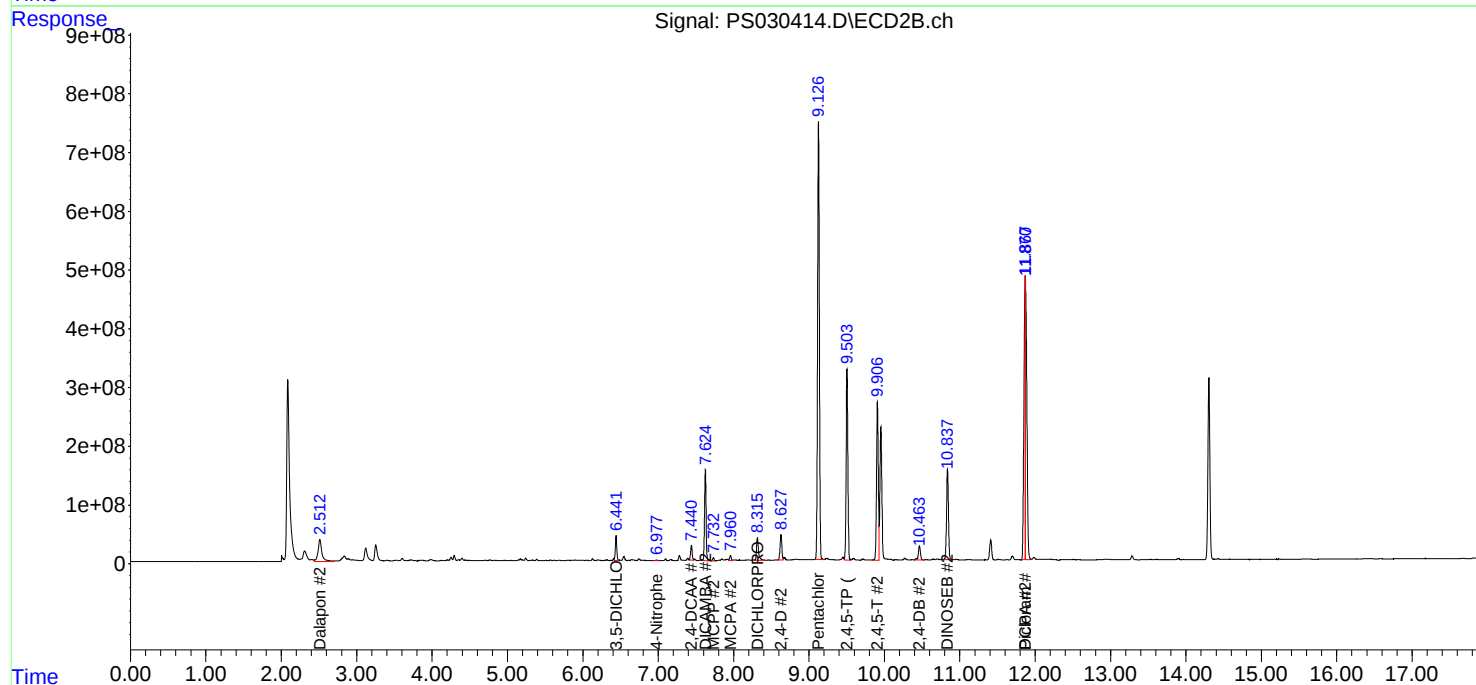
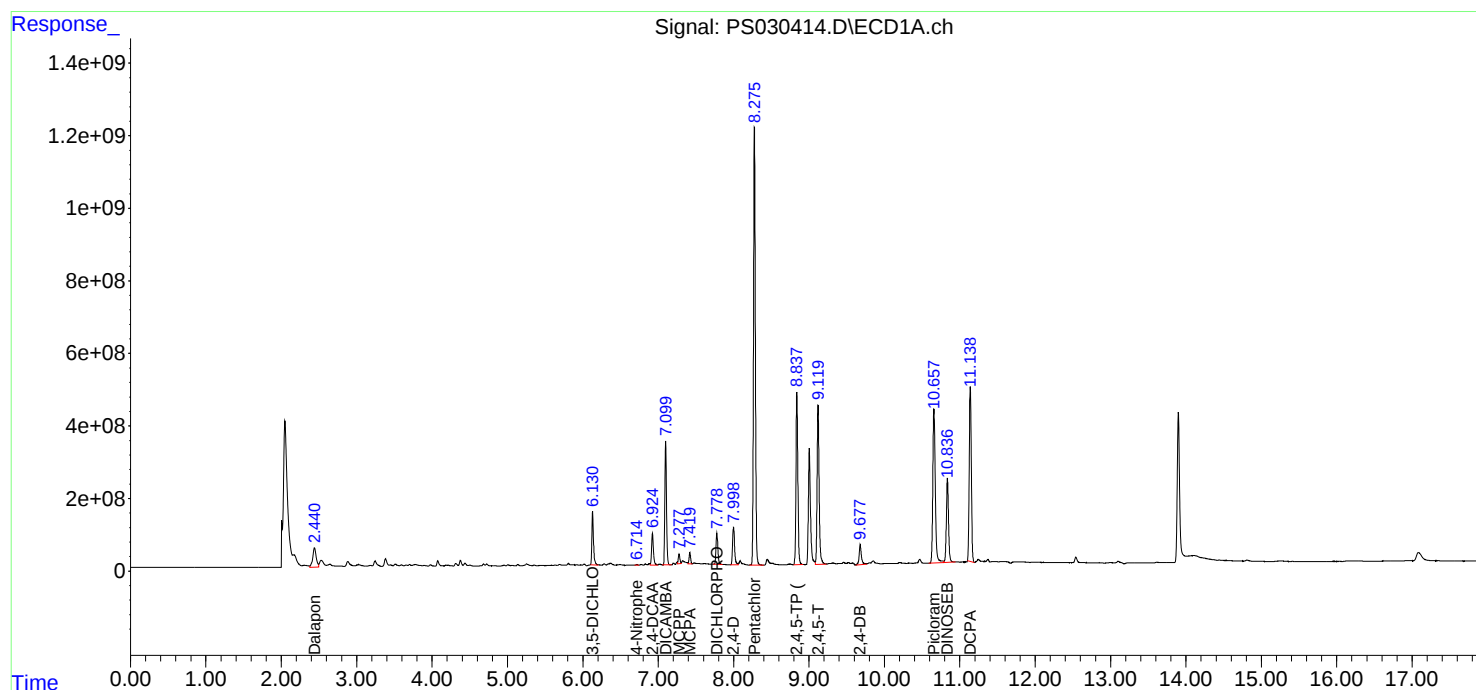
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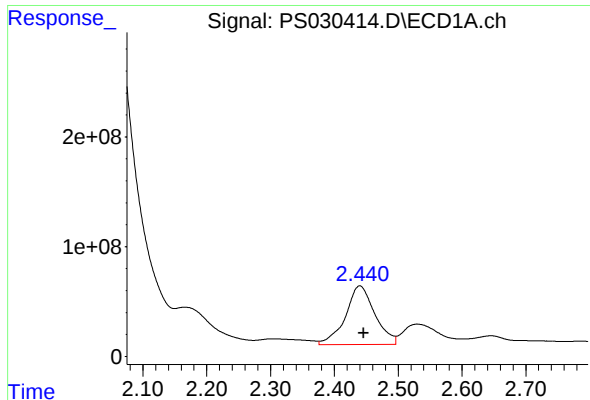
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Integration File signal 1: autoint1.e
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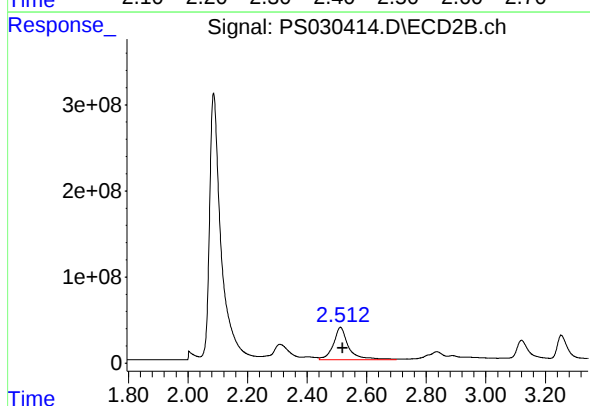
#1 Dalapon

R.T.: 2.440 min
Delta R.T.: -0.006 min
Response: 1718341794
Conc: 349.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

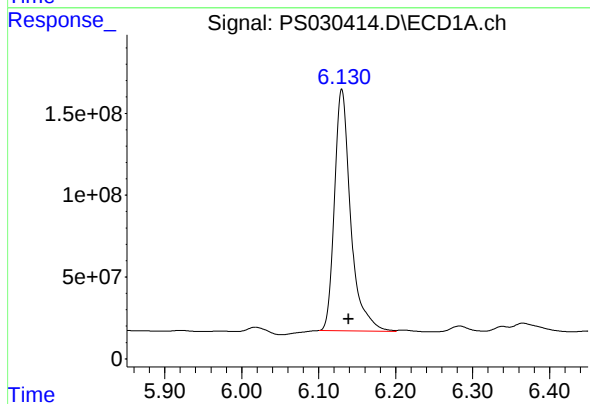
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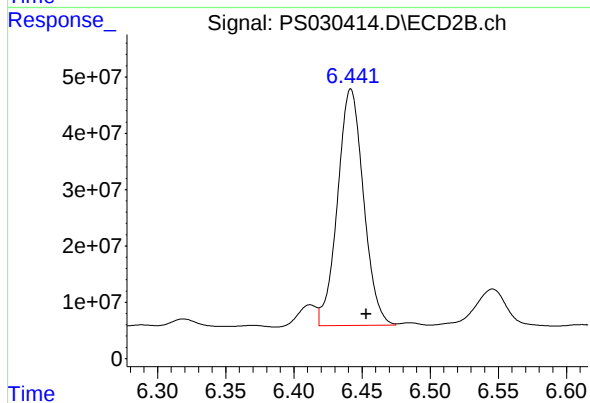
#1 Dalapon

R.T.: 2.512 min
Delta R.T.: -0.008 min
Response: 1330266863
Conc: 654.97 ng/ml



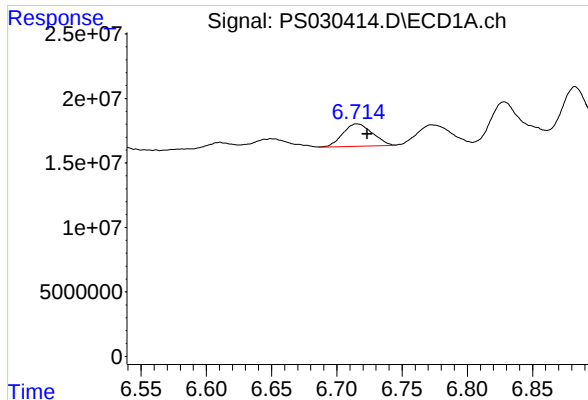
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.130 min
Delta R.T.: -0.008 min
Response: 2152125835
Conc: 516.03 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.441 min
Delta R.T.: -0.012 min
Response: 556128292
Conc: 477.02 ng/ml m



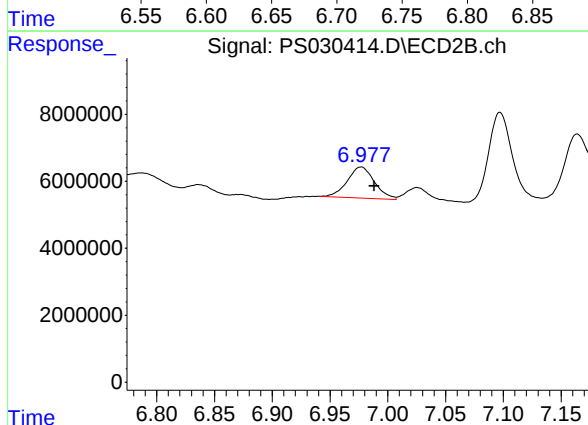
#3 4-Nitrophenol

R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 27472948
Conc: 13.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

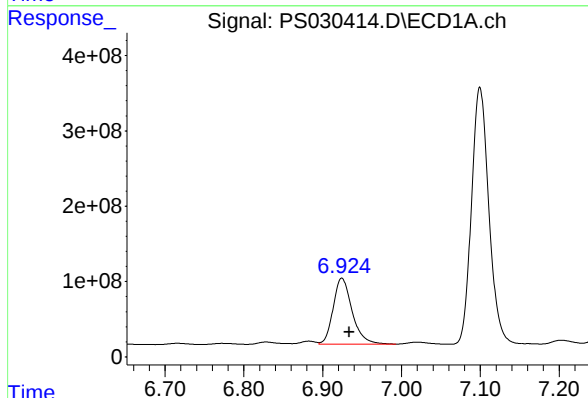
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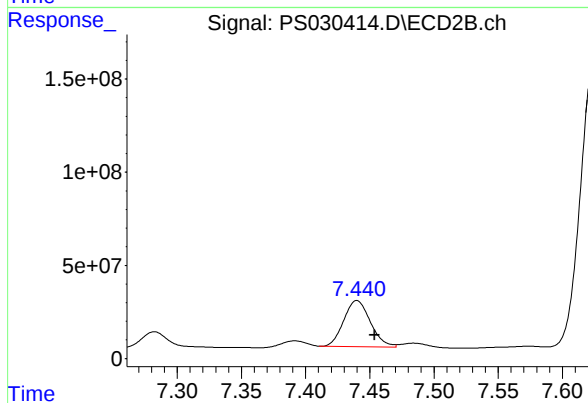
#3 4-Nitrophenol

R.T.: 6.977 min
Delta R.T.: -0.012 min
Response: 15196125
Conc: 14.56 ng/ml



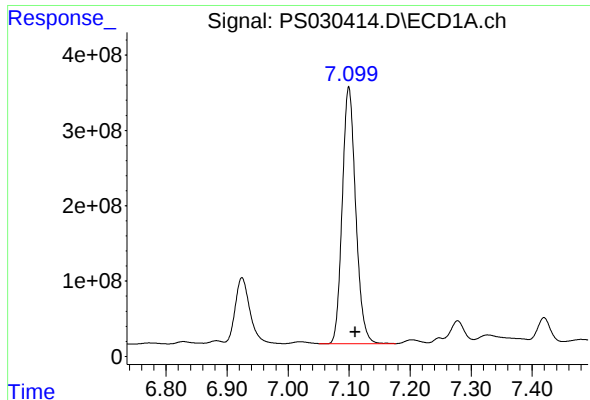
#4 2,4-DCAA

R.T.: 6.924 min
Delta R.T.: -0.009 min
Response: 1470216618
Conc: 516.26 ng/ml



#4 2,4-DCAA

R.T.: 7.440 min
Delta R.T.: -0.014 min
Response: 357770299
Conc: 447.10 ng/ml



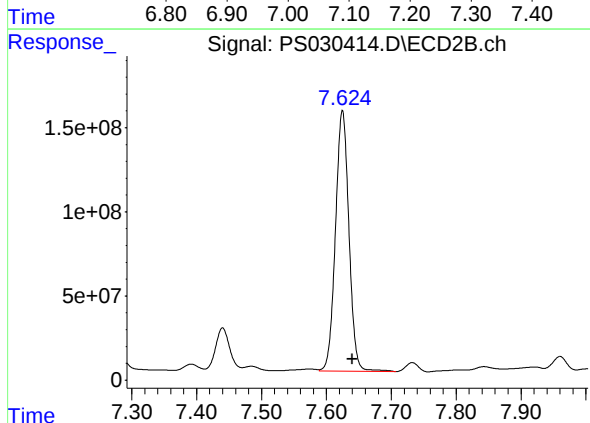
#5 DICAMBA

R.T.: 7.100 min
Delta R.T.: -0.011 min
Response: 5210361827
Conc: 450.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

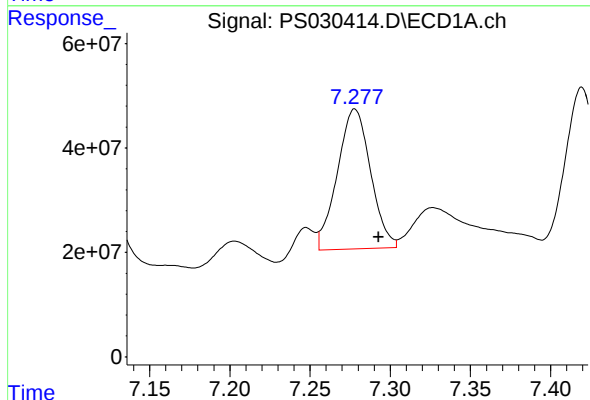
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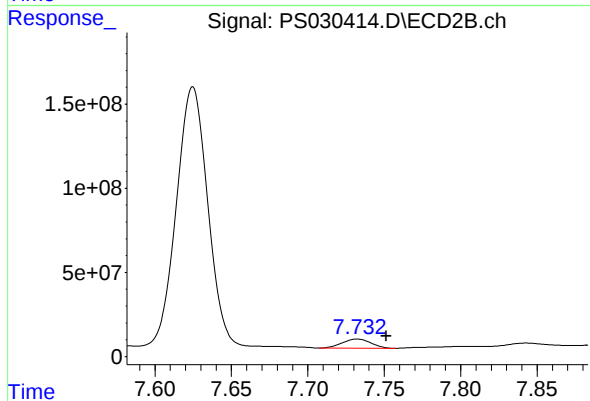
#5 DICAMBA

R.T.: 7.625 min
Delta R.T.: -0.015 min
Response: 2237666811
Conc: 473.28 ng/ml



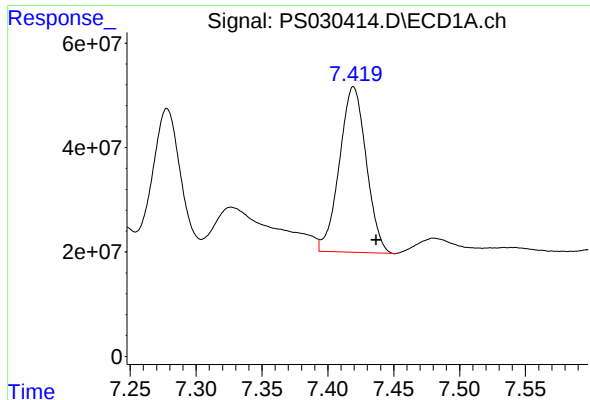
#6 MCPP

R.T.: 7.277 min
Delta R.T.: -0.015 min
Response: 385693848
Conc: 52.96 ug/ml m



#6 MCPP

R.T.: 7.732 min
Delta R.T.: -0.019 min
Response: 71745744
Conc: 39.00 ug/ml



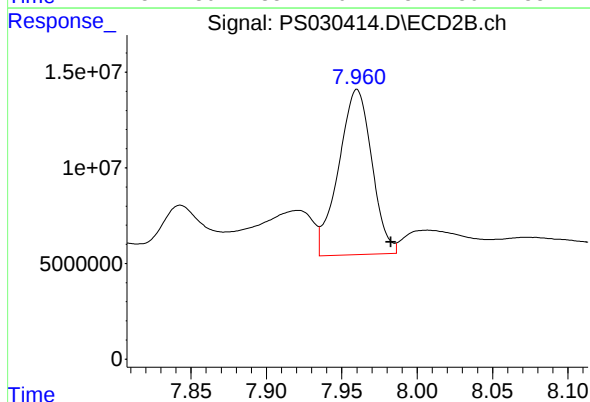
#7 MCPA

R.T.: 7.419 min
Delta R.T.: -0.017 min
Response: 448199576
Conc: 43.18 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

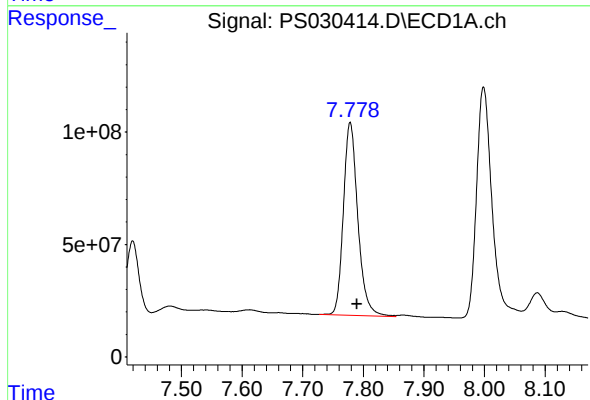
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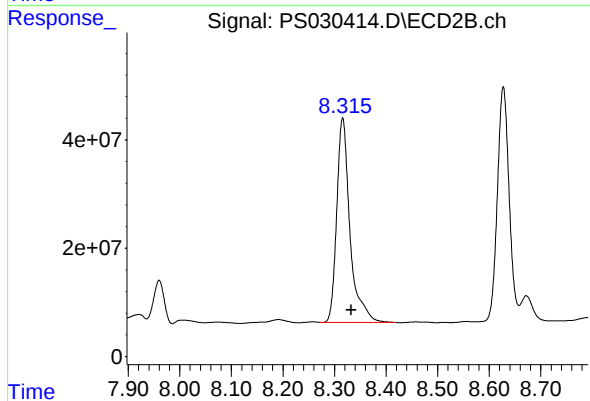
#7 MCPA

R.T.: 7.960 min
Delta R.T.: -0.023 min
Response: 132492585
Conc: 50.23 ug/ml



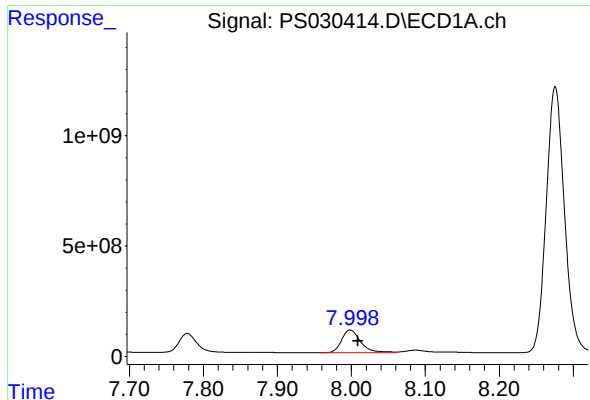
#8 DICHLORPROP

R.T.: 7.778 min
Delta R.T.: -0.011 min
Response: 1421758436
Conc: 486.68 ng/ml



#8 DICHLORPROP

R.T.: 8.316 min
Delta R.T.: -0.017 min
Response: 673451599
Conc: 570.03 ng/ml



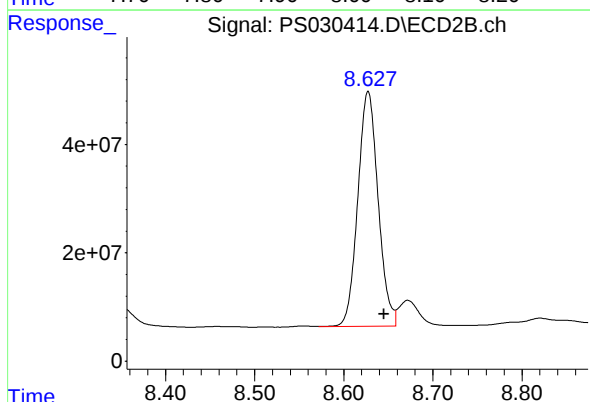
#9 2,4-D

R.T.: 7.998 min
Delta R.T.: -0.011 min
Response: 1831723884
Conc: 558.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

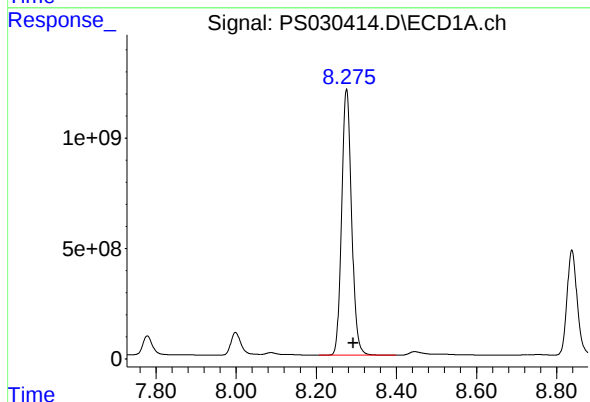
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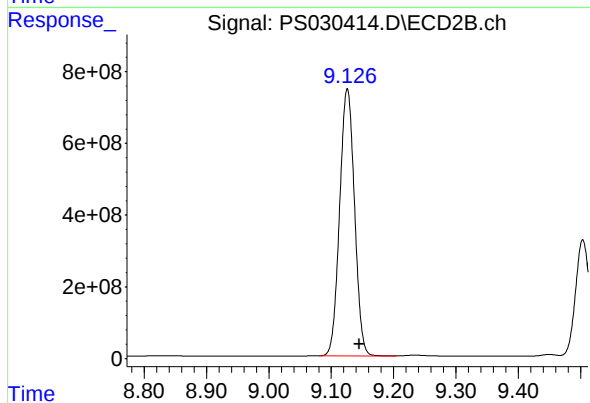
#9 2,4-D

R.T.: 8.627 min
Delta R.T.: -0.018 min
Response: 687377202
Conc: 532.64 ng/ml



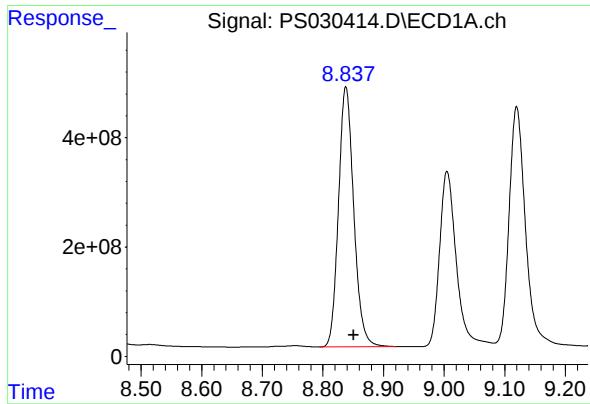
#10 Pentachlorophenol

R.T.: 8.276 min
Delta R.T.: -0.017 min
Response: 20692818431
Conc: 510.92 ng/ml



#10 Pentachlorophenol

R.T.: 9.126 min
Delta R.T.: -0.019 min
Response: 12332069401
Conc: 499.58 ng/ml



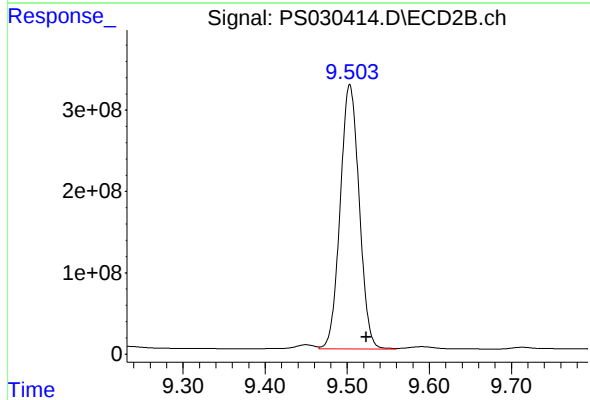
#11 2,4,5-TP (SILVEX)

R.T.: 8.837 min
Delta R.T.: -0.013 min
Response: 8326058455
Conc: 514.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

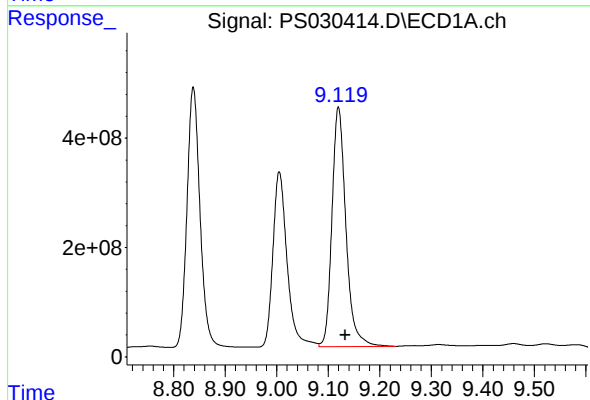
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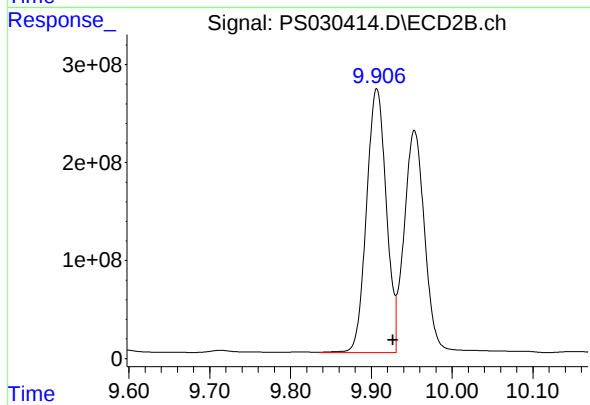
#11 2,4,5-TP (SILVEX)

R.T.: 9.503 min
Delta R.T.: -0.020 min
Response: 5232304943
Conc: 531.18 ng/ml



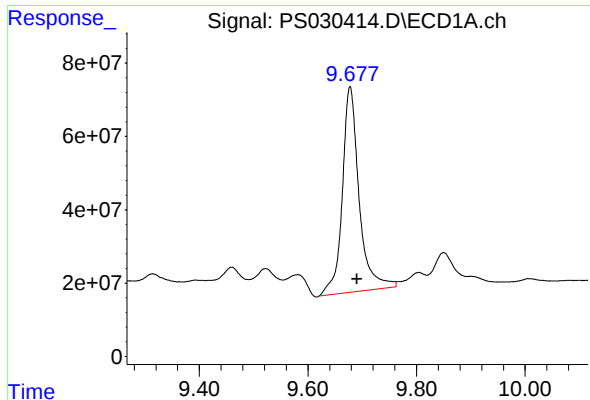
#12 2,4,5-T

R.T.: 9.120 min
Delta R.T.: -0.013 min
Response: 8228516057
Conc: 498.24 ng/ml



#12 2,4,5-T

R.T.: 9.907 min
Delta R.T.: -0.020 min
Response: 4572813041
Conc: 496.85 ng/ml



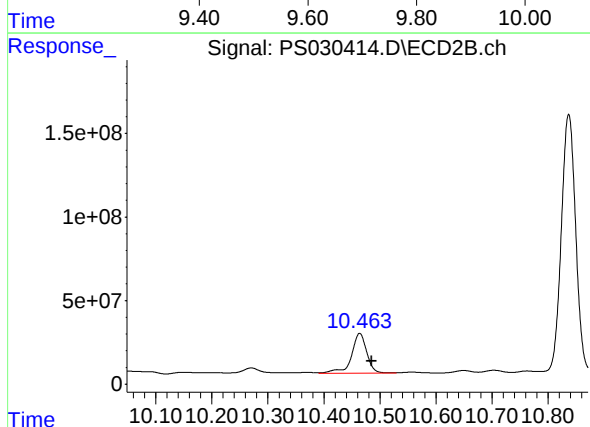
#13 2,4-DB

R.T.: 9.678 min
Delta R.T.: -0.013 min
Response: 1206320475
Conc: 462.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-21MS

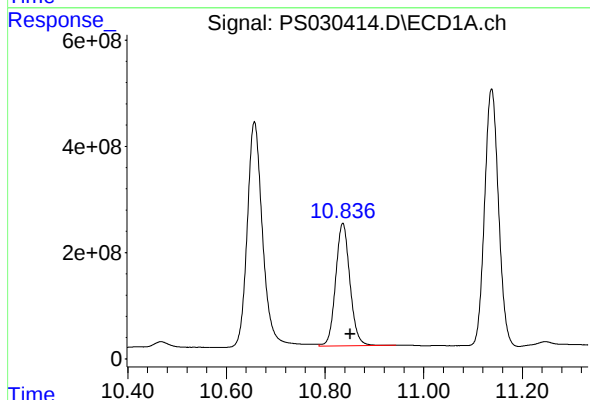
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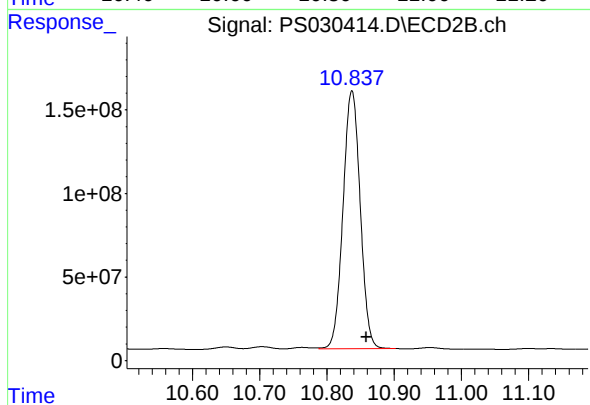
#13 2,4-DB

R.T.: 10.464 min
Delta R.T.: -0.021 min
Response: 455973032
Conc: 459.48 ng/ml



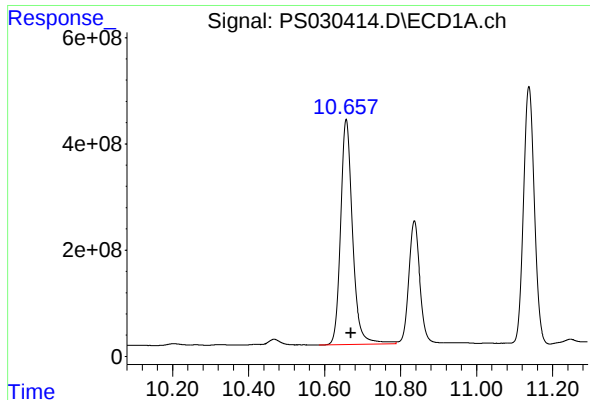
#14 DINOSEB

R.T.: 10.836 min
Delta R.T.: -0.016 min
Response: 4643506417
Conc: 406.03 ng/ml



#14 DINOSEB

R.T.: 10.837 min
Delta R.T.: -0.022 min
Response: 2743654287
Conc: 401.59 ng/ml m



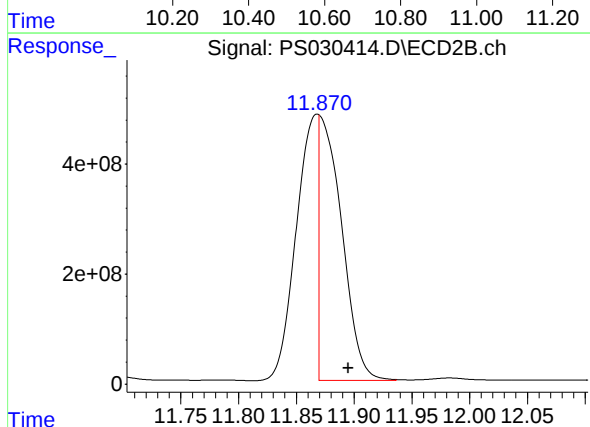
#15 Picloram

R.T.: 10.657 min
Delta R.T.: -0.013 min
Response: 9203318931
Conc: 430.32 ng/ml

Instrument :
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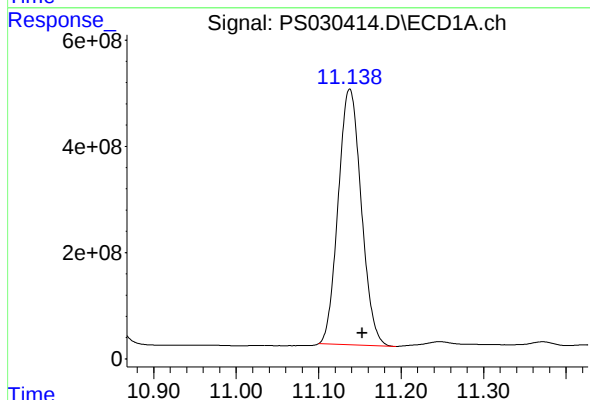
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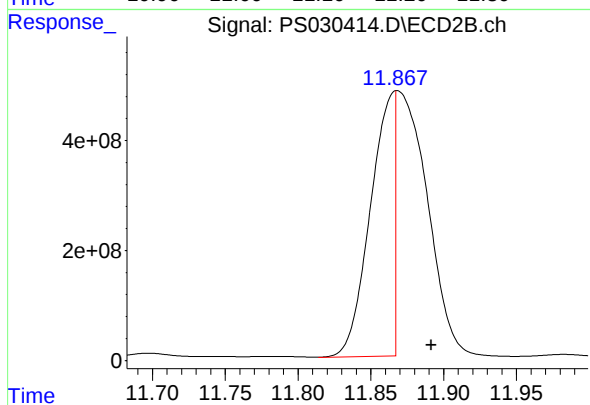
#15 Picloram

R.T.: 11.870 min
Delta R.T.: -0.025 min
Response: 6450077174
Conc: 458.33 ng/ml m



#16 DCPA

R.T.: 11.138 min
Delta R.T.: -0.015 min
Response: 9358165000
Conc: 469.99 ng/ml



#16 DCPA

R.T.: 11.867 min
Delta R.T.: -0.025 min
Response: 5615669928
Conc: 415.65 ng/ml m