

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040125\
 Data File : PS029645.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 16:47
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/02/2025
 Supervised By : mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 03:12:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS033125.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 02:48:40 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	6.996	7.522	2153.0E6	887.2E6	874.110	633.975 #
Target Compounds							
1) T	Dalapon	2.492	2.555	3560.2E6	1842.7E6	609.340	536.732
2) T	3,5-DICHL...	6.195	6.513	2967.3E6	1193.7E6	709.404	588.227
3) T	4-Nitroph...	6.787	7.056	790.8E6	836.3E6	709.571	573.034m
5) T	DICAMBA	7.174	7.711	9875.3E6	4814.2E6	660.796	601.493
6) T	MCP	7.353	7.819	645.9E6	230.7E6	75.265	58.721
7) T	MCPA	7.497	8.051	738.6E6	298.0E6	90.498	59.929 #
8) T	DICHLORPROP	7.858	8.408	2267.5E6	1142.3E6	747.883	594.871
9) T	2,4-D	8.079	8.724	2030.4E6	1261.2E6	813.309	598.939 #
10) T	Pentachlo...	8.359	9.230	35019.0E6	22283.6E6	721.266	627.935
11) T	2,4,5-TP ...	8.928	9.608	13275.5E6	8998.1E6	804.385	616.561
12) T	2,4,5-T	9.211	10.016	11304.7E6	8347.2E6	852.035	620.687 #
13) T	2,4-DB	9.773	10.575	1503.2E6	911.9E6	829.217	622.526
14) T	DINOSEB	10.941	10.949	8614.9E6	5760.2E6	737.884	562.234
15) T	Picloram	10.760	11.996	10498.4E6	11003.9E6	804.455	528.047m#
16) T	DCPA	11.241	11.978	16416.7E6	13295.2E6	820.726	684.050m

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

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Acq On : 01 Apr 2025 16:47
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

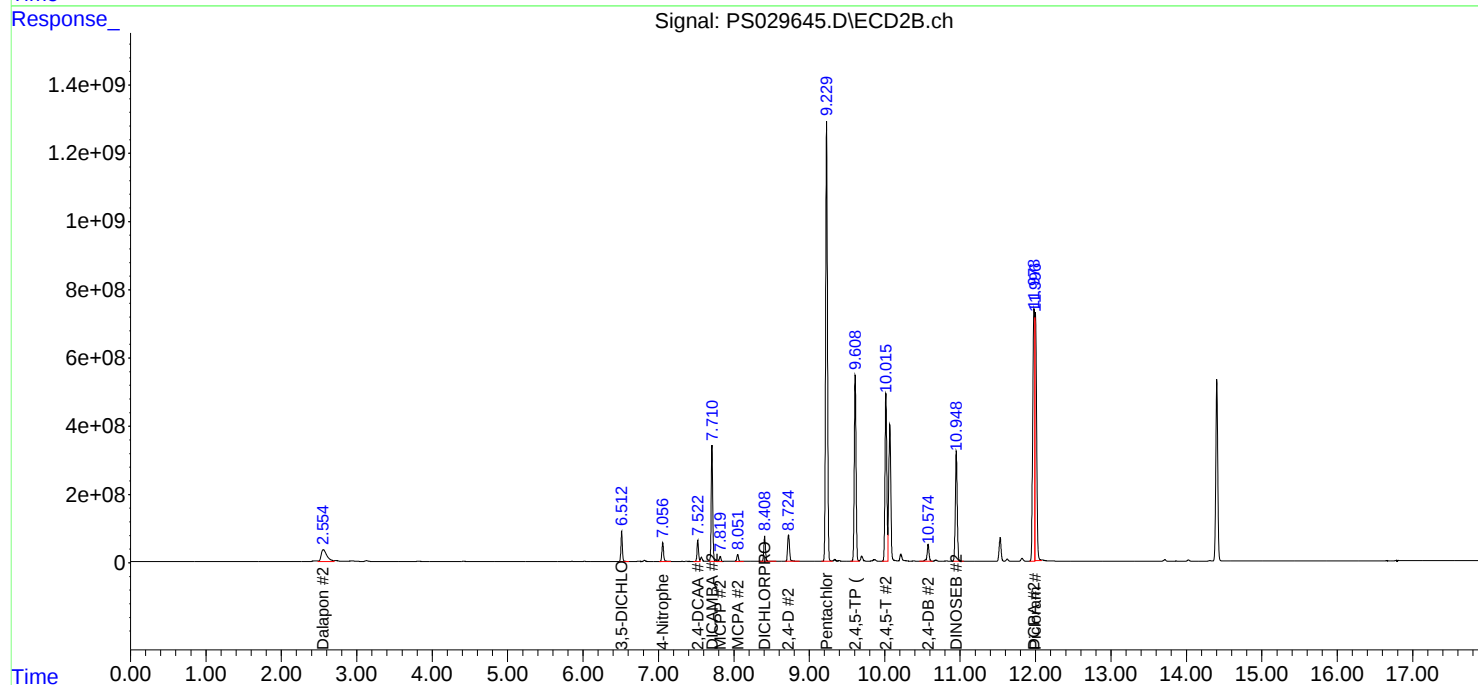
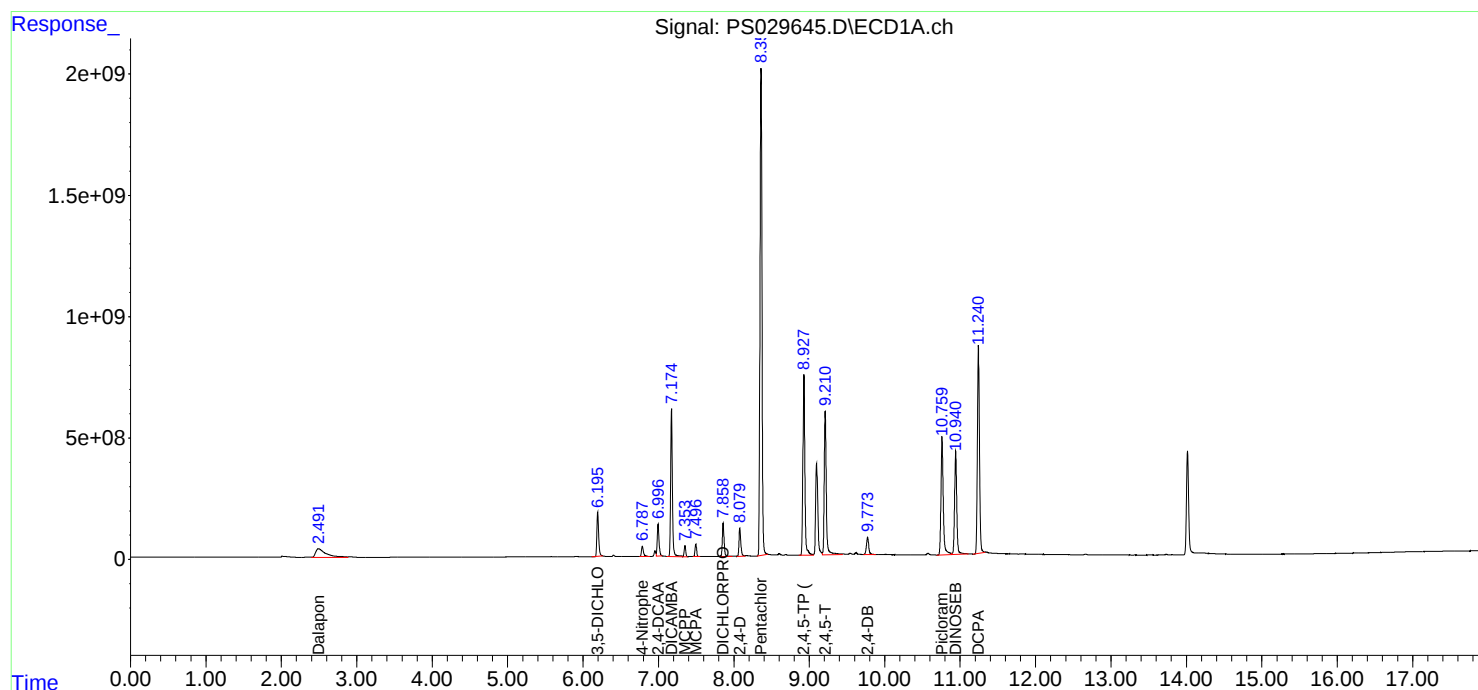
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

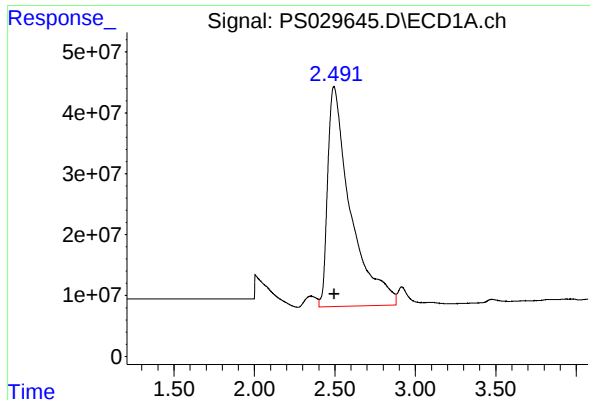
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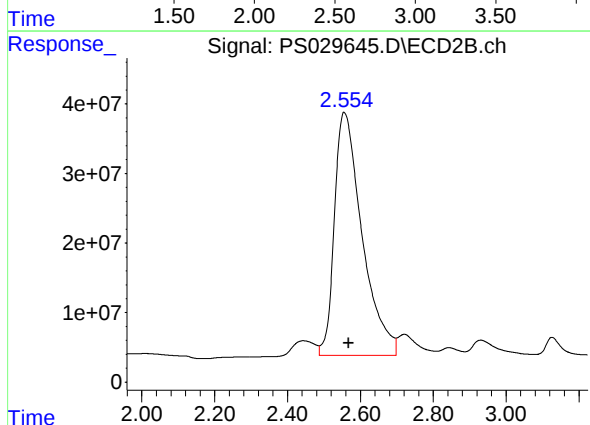
#1 Dalapon

R.T.: 2.492 min
Delta R.T.: -0.005 min
Response: 3560201482
Conc: 609.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

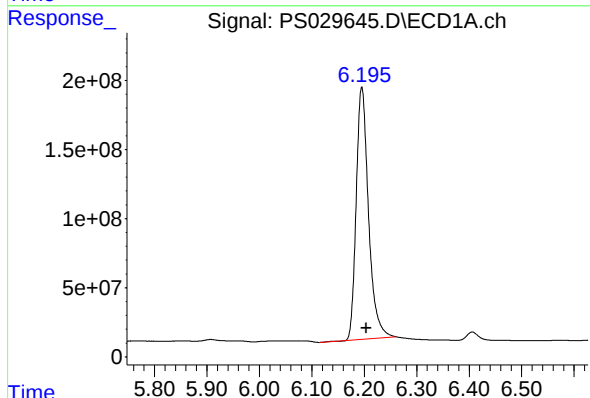
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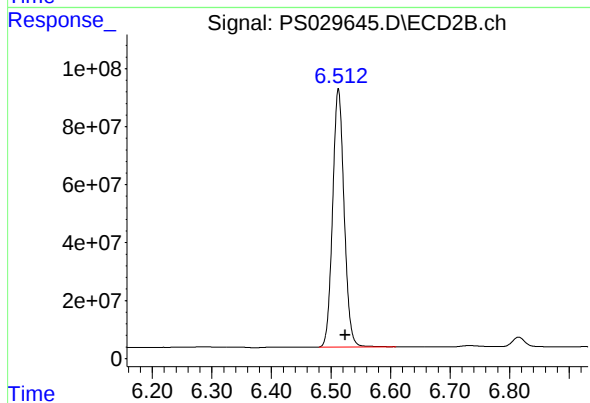
#1 Dalapon

R.T.: 2.555 min
Delta R.T.: -0.013 min
Response: 1842682226
Conc: 536.73 ng/ml



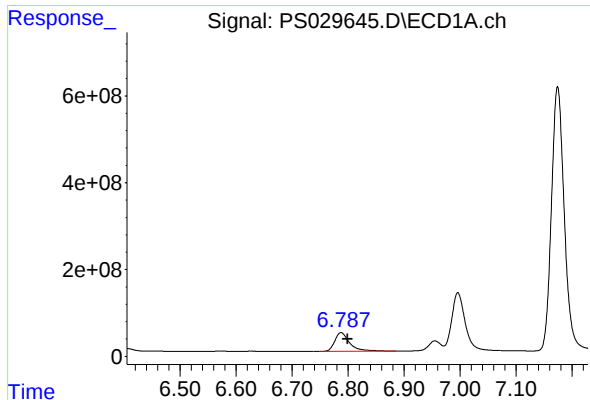
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.195 min
Delta R.T.: -0.009 min
Response: 2967343741
Conc: 709.40 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 1193726232
Conc: 588.23 ng/ml



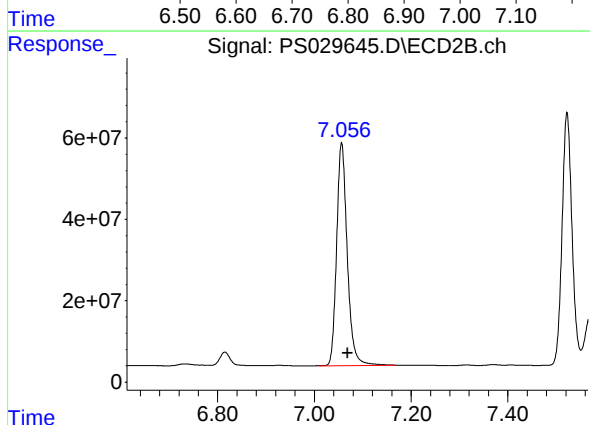
#3 4-Nitrophenol

R.T.: 6.787 min
Delta R.T.: -0.012 min
Response: 790795438
Conc: 709.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

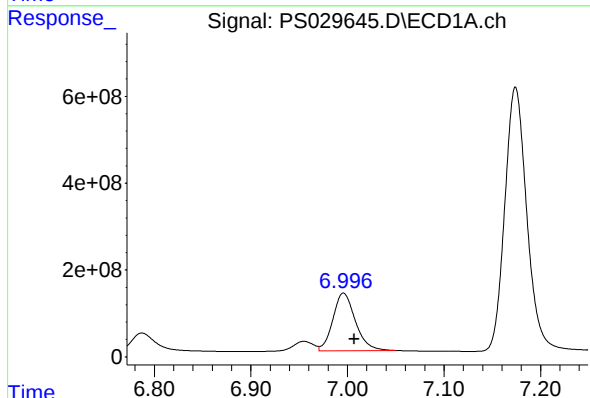
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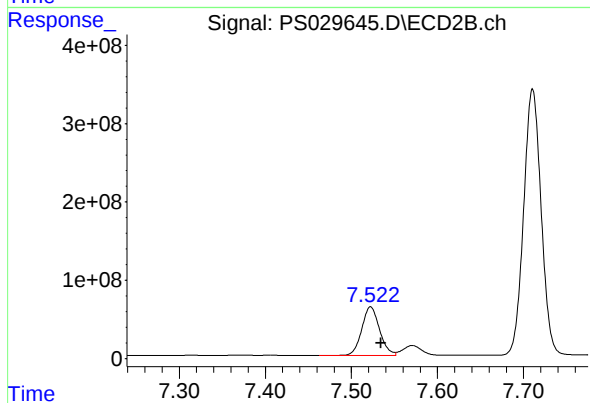
#3 4-Nitrophenol

R.T.: 7.056 min
Delta R.T.: -0.013 min
Response: 836304914
Conc: 573.03 ng/ml



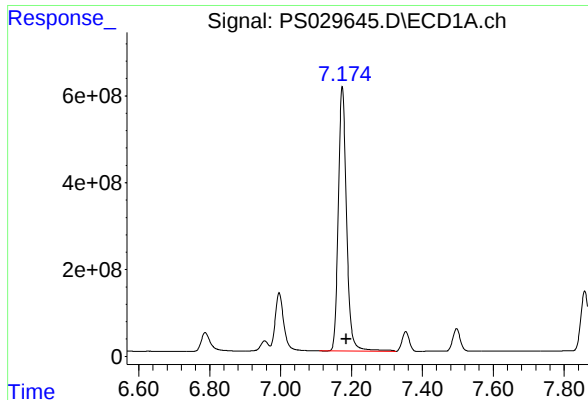
#4 2,4-DCAA

R.T.: 6.996 min
Delta R.T.: -0.011 min
Response: 2152962665
Conc: 874.11 ng/ml



#4 2,4-DCAA

R.T.: 7.522 min
Delta R.T.: -0.012 min
Response: 887189080
Conc: 633.97 ng/ml



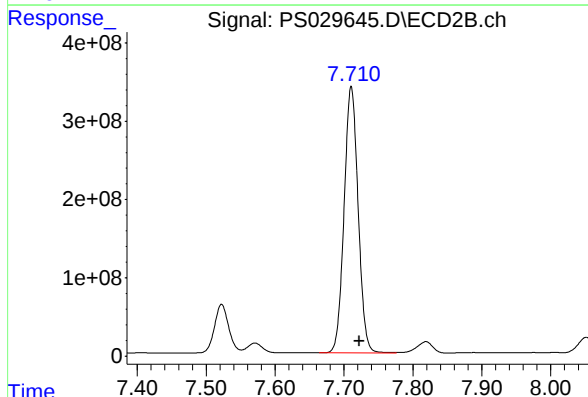
#5 DICAMBA

R.T.: 7.174 min
Delta R.T.: -0.011 min
Response: 9875317969
Conc: 660.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

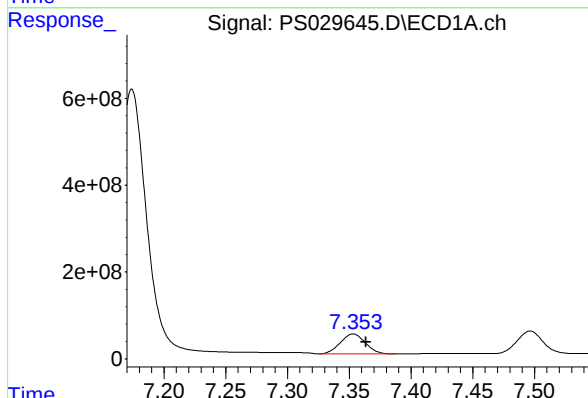
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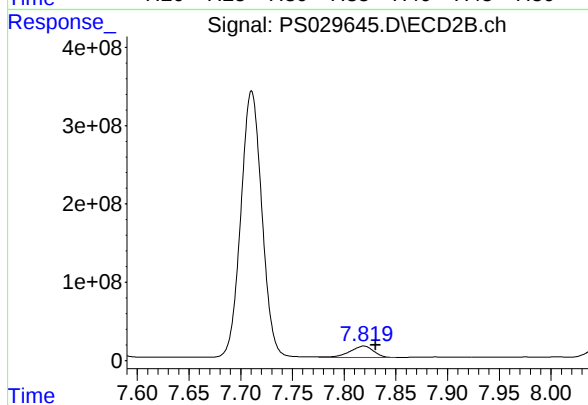
#5 DICAMBA

R.T.: 7.711 min
Delta R.T.: -0.012 min
Response: 4814233950
Conc: 601.49 ng/ml



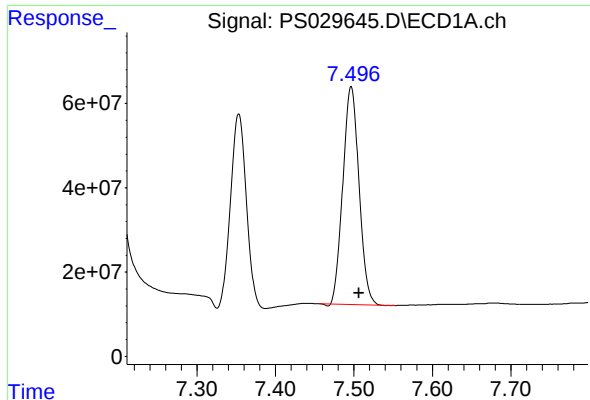
#6 MCP

R.T.: 7.353 min
Delta R.T.: -0.010 min
Response: 645882287
Conc: 75.26 ug/ml



#6 MCP

R.T.: 7.819 min
Delta R.T.: -0.012 min
Response: 230670462
Conc: 58.72 ug/ml



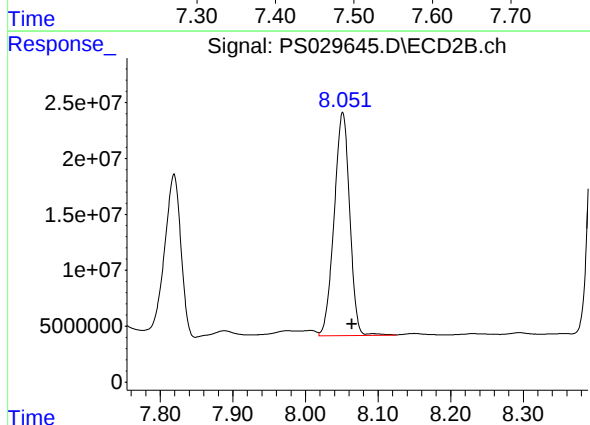
#7 MCPA

R.T.: 7.497 min
Delta R.T.: -0.010 min
Response: 738625277
Conc: 90.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

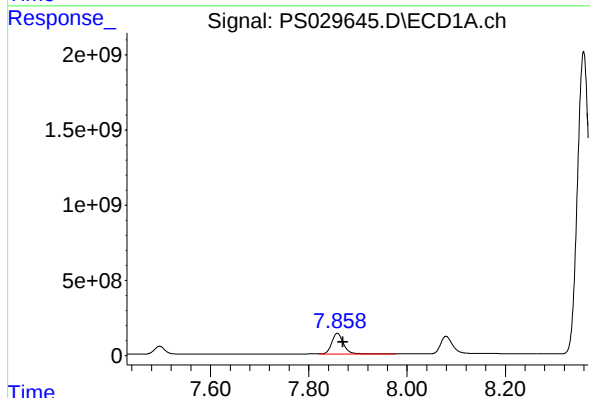
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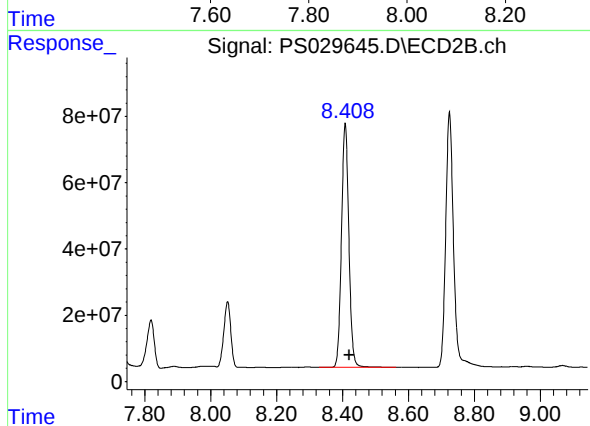
#7 MCPA

R.T.: 8.051 min
Delta R.T.: -0.013 min
Response: 298036904
Conc: 59.93 ug/ml



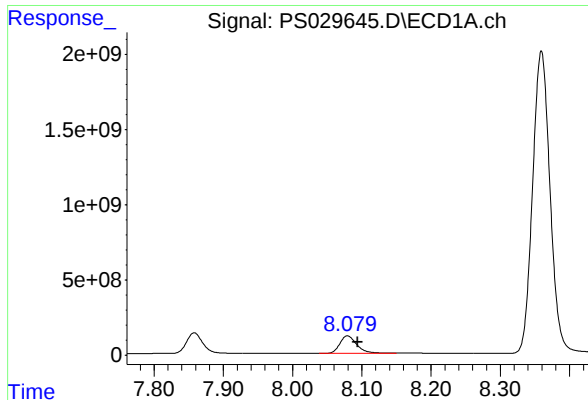
#8 DICHLORPROP

R.T.: 7.858 min
Delta R.T.: -0.012 min
Response: 2267496113
Conc: 747.88 ng/ml



#8 DICHLORPROP

R.T.: 8.408 min
Delta R.T.: -0.013 min
Response: 1142338961
Conc: 594.87 ng/ml



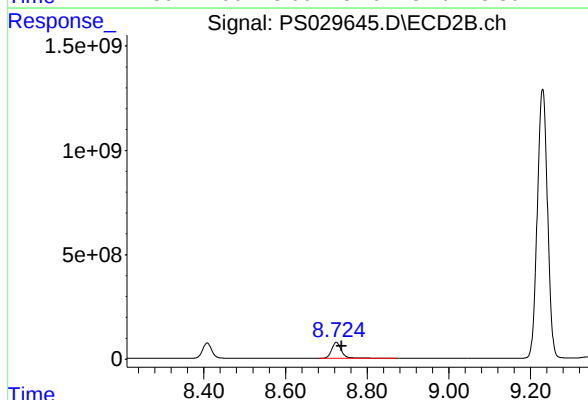
#9 2,4-D

R.T.: 8.079 min
Delta R.T.: -0.014 min
Response: 2030434047
Conc: 813.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

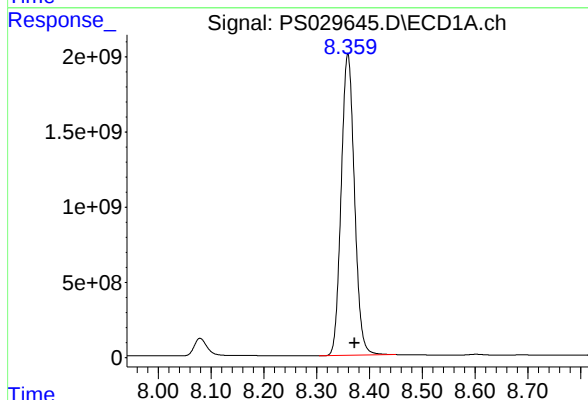
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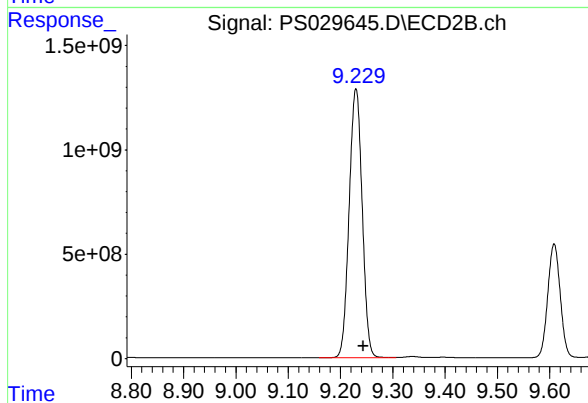
#9 2,4-D

R.T.: 8.724 min
Delta R.T.: -0.014 min
Response: 1261166288
Conc: 598.94 ng/ml



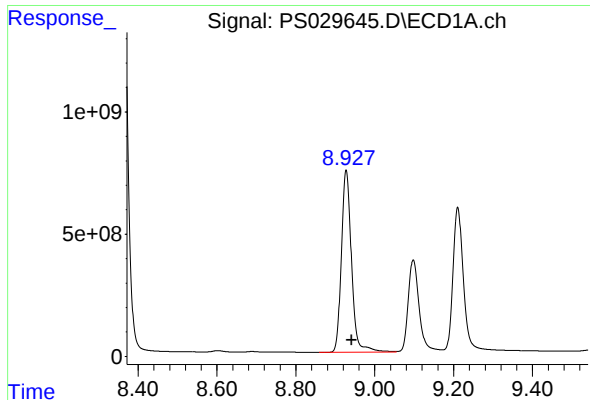
#10 Pentachlorophenol

R.T.: 8.359 min
Delta R.T.: -0.013 min
Response: 35018977210
Conc: 721.27 ng/ml



#10 Pentachlorophenol

R.T.: 9.230 min
Delta R.T.: -0.014 min
Response: 22283607545
Conc: 627.93 ng/ml



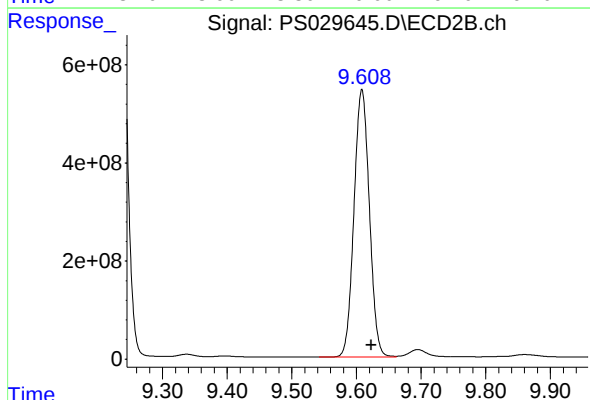
#11 2,4,5-TP (SILVEX)

R.T.: 8.928 min
Delta R.T.: -0.014 min
Response: 13275477074
Conc: 804.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

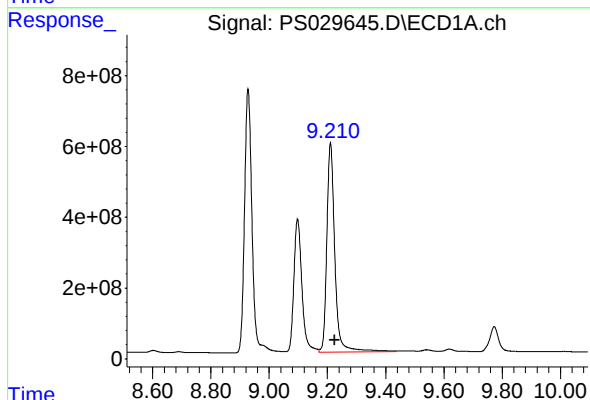
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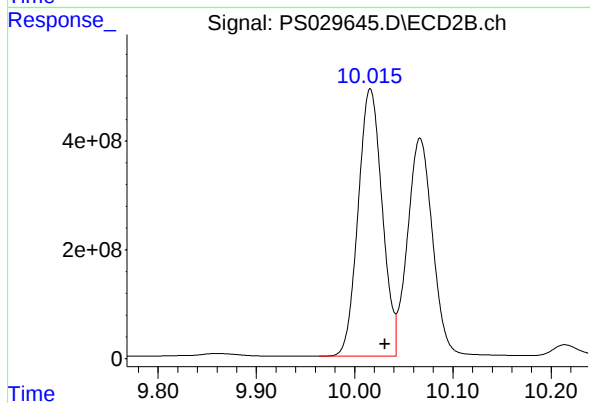
#11 2,4,5-TP (SILVEX)

R.T.: 9.608 min
Delta R.T.: -0.014 min
Response: 8998074288
Conc: 616.56 ng/ml



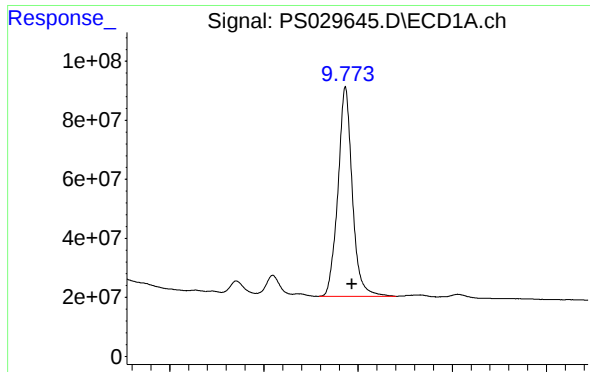
#12 2,4,5-T

R.T.: 9.211 min
Delta R.T.: -0.015 min
Response: 11304703964
Conc: 852.03 ng/ml



#12 2,4,5-T

R.T.: 10.016 min
Delta R.T.: -0.015 min
Response: 8347206908
Conc: 620.69 ng/ml



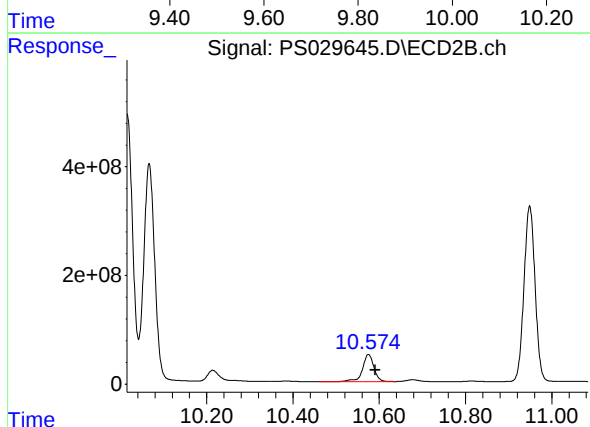
#13 2,4-DB

R.T.: 9.773 min
Delta R.T.: -0.015 min
Response: 1503228022
Conc: 829.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

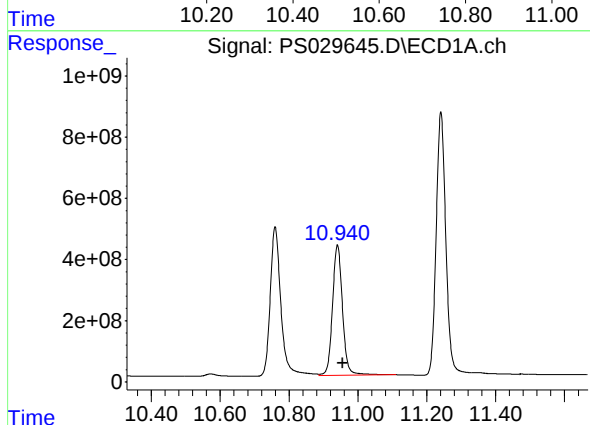
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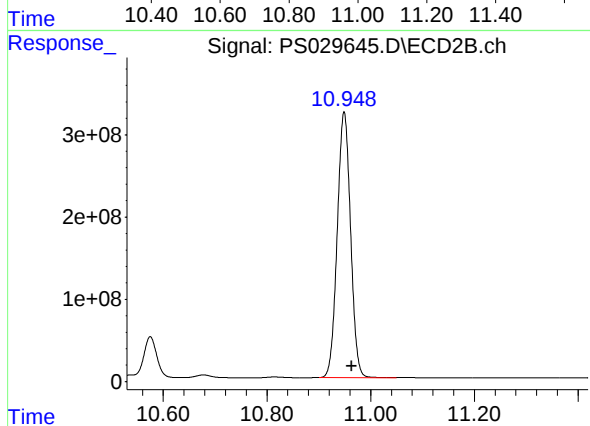
#13 2,4-DB

R.T.: 10.575 min
Delta R.T.: -0.016 min
Response: 911942026
Conc: 622.53 ng/ml



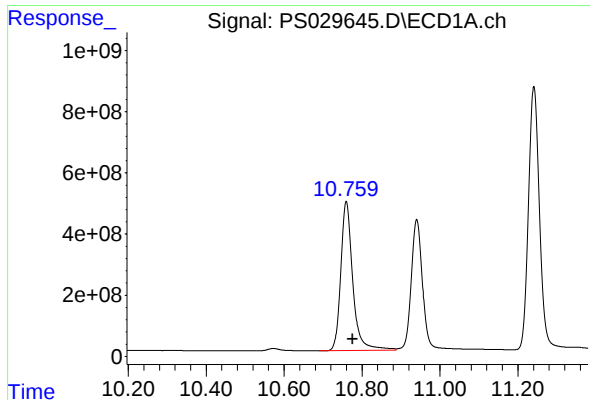
#14 DINOSEB

R.T.: 10.941 min
Delta R.T.: -0.016 min
Response: 8614943647
Conc: 737.88 ng/ml



#14 DINOSEB

R.T.: 10.949 min
Delta R.T.: -0.015 min
Response: 5760236702
Conc: 562.23 ng/ml



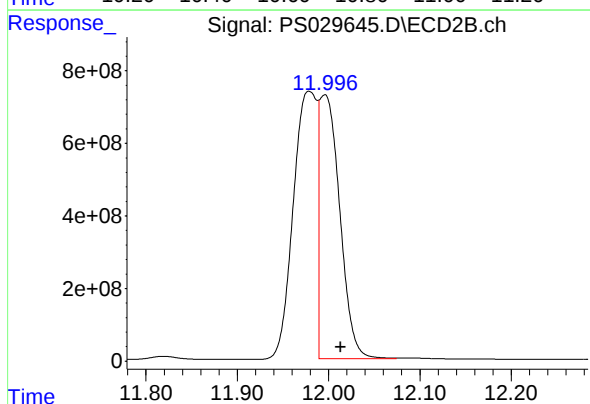
#15 Picloram

R.T.: 10.760 min
Delta R.T.: -0.016 min
Response: 10498378005
Conc: 804.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

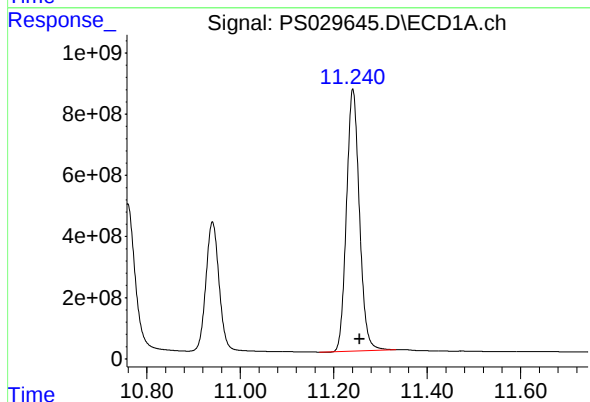
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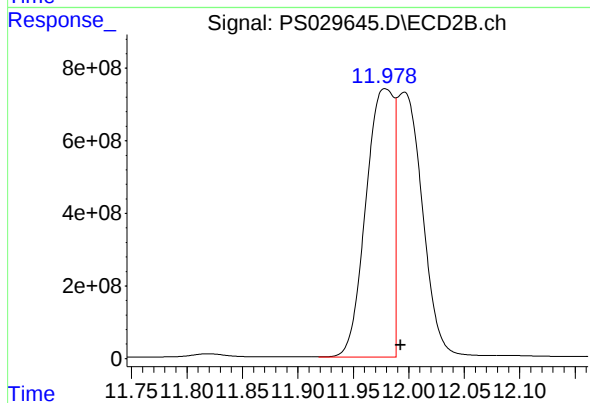
#15 Picloram

R.T.: 11.996 min
Delta R.T.: -0.017 min
Response: 11003851863
Conc: 528.05 ng/ml m



#16 DCPA

R.T.: 11.241 min
Delta R.T.: -0.015 min
Response: 16416678801
Conc: 820.73 ng/ml



#16 DCPA

R.T.: 11.978 min
Delta R.T.: -0.015 min
Response: 13295240518
Conc: 684.05 ng/ml m