

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS052225\
 Data File : PS030359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 20:29
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2025
 Supervised By : mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:44:00 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	6.929	7.446	2133.6E6	584.4E6	749.220	730.335
Target Compounds							
1) T	Dalapon	2.443	2.517	3209.3E6	1331.8E6	652.911	655.739
2) T	3,5-DICHL...	6.134	6.447	2897.6E6	753.2E6	694.781	646.036
3) T	4-Nitroph...	6.719	6.981	1428.7E6	625.7E6	691.666	599.321
5) T	DICAMBA	7.104	7.631	8248.0E6	3332.5E6	713.658	704.854
6) T	MCPD	7.284	7.739	560.9E6	129.2E6	77.014	70.228
7) T	MCPA	7.426	7.969	743.4E6	174.9E6	71.616	66.301
8) T	DICHLORPROP	7.784	8.322	2063.4E6	804.6E6	706.328	681.026
9) T	2,4-D	8.004	8.634	2317.2E6	904.8E6	706.707	701.133
10) T	Pentachlo...	8.281	9.133	29778.8E6	17854.4E6	735.264	723.292
11) T	2,4,5-TP ...	8.844	9.511	11649.1E6	7066.2E6	719.260	717.349
12) T	2,4,5-T	9.126	9.915	11978.4E6	6535.7E6	725.295	710.126
13) T	2,4-DB	9.683	10.472	1993.6E6	616.7E6	763.910	621.449
14) T	DINOSEB	10.843	10.846	8007.9E6	4641.3E6	700.214	679.347
15) T	Picloram	10.664	11.878	15131.9E6	10420.5E6	707.531	740.453m
16) T	DCPA	11.144	11.877	14502.6E6	10152.9E6	728.356	751.480m

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

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Acq On : 22 May 2025 20:29
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

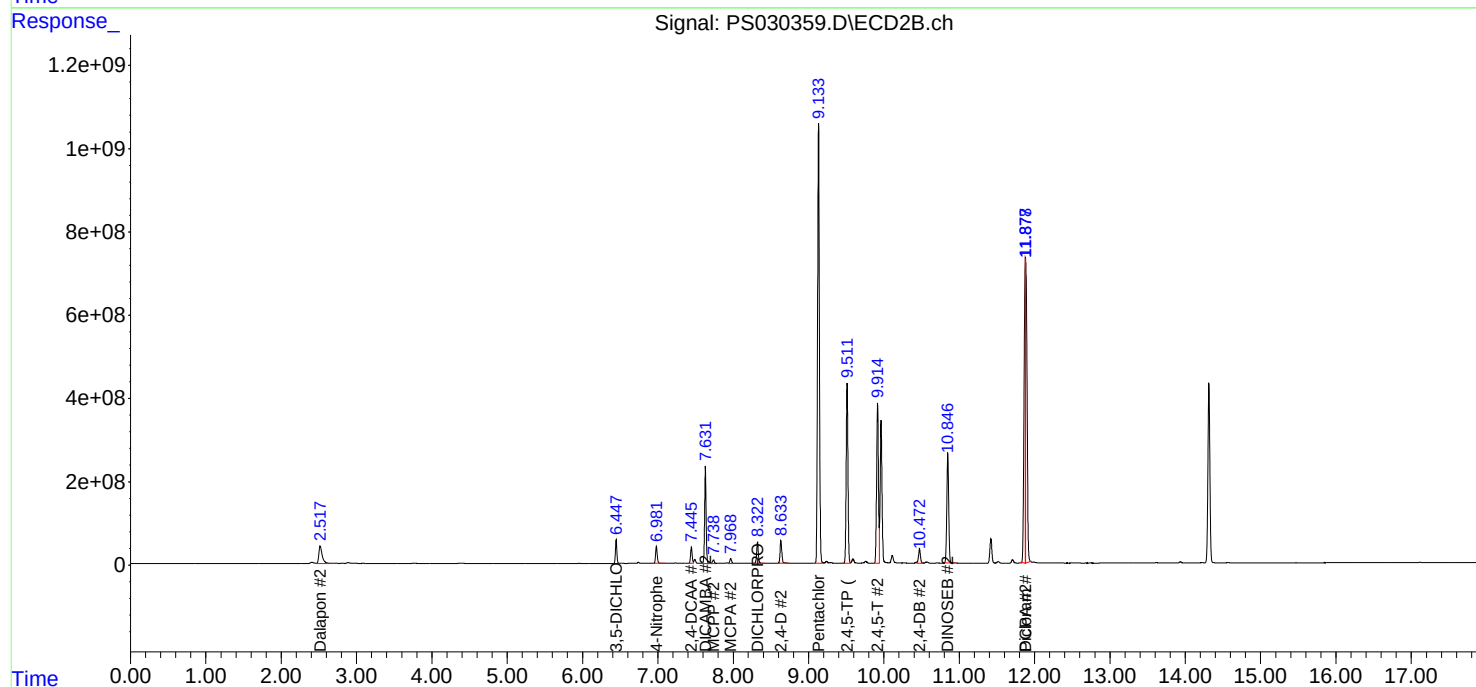
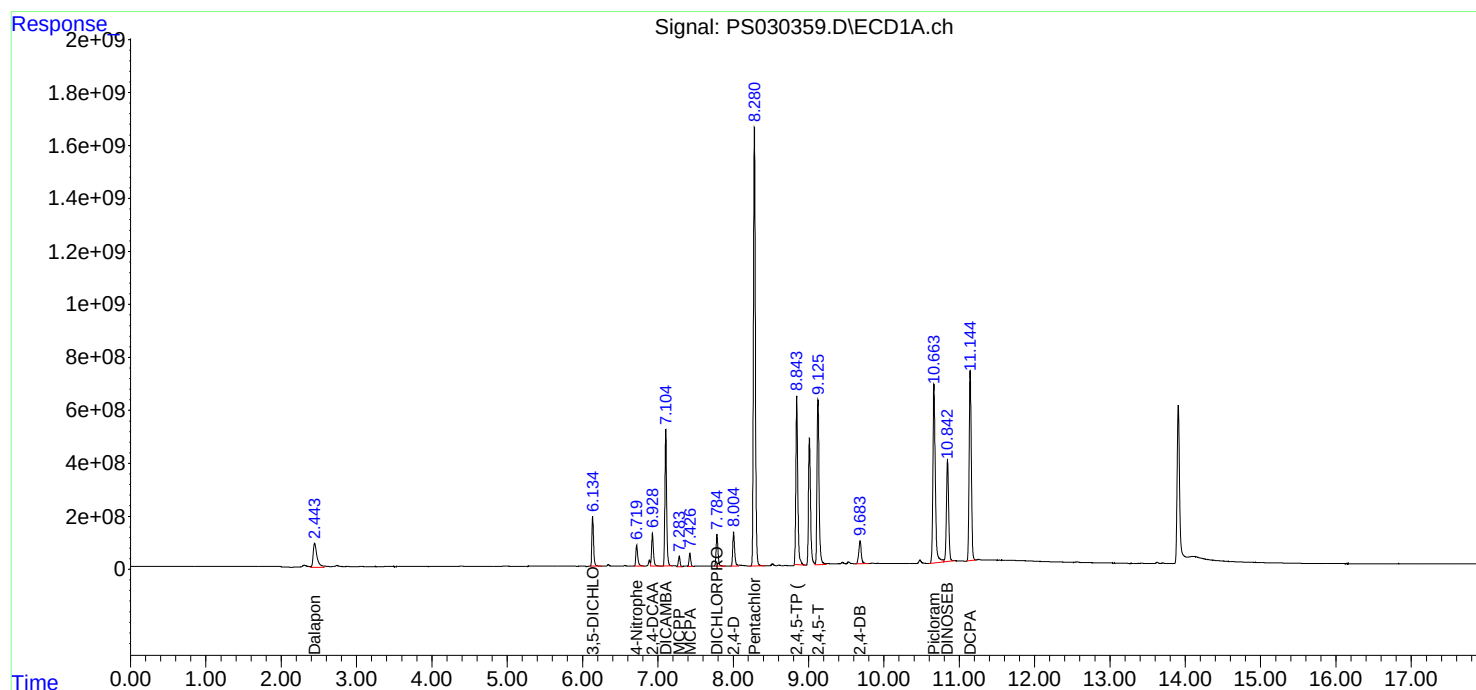
Instrument :
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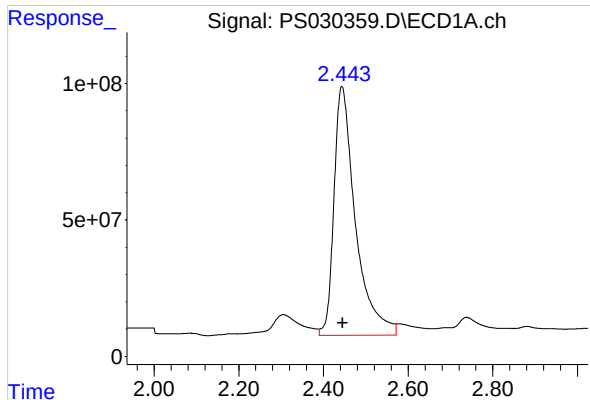
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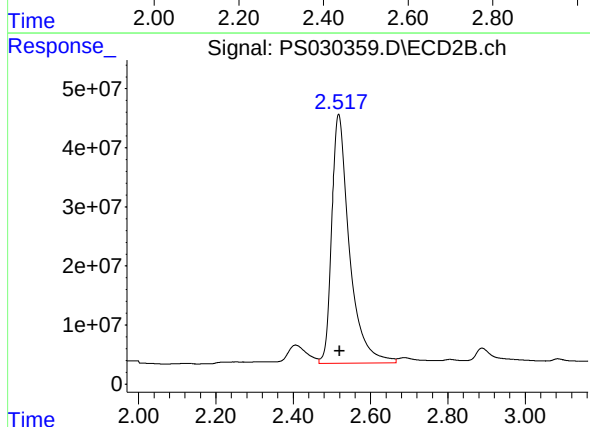
#1 Dalapon

R.T.: 2.443 min
Delta R.T.: -0.003 min
Response: 3209292524
Conc: 652.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

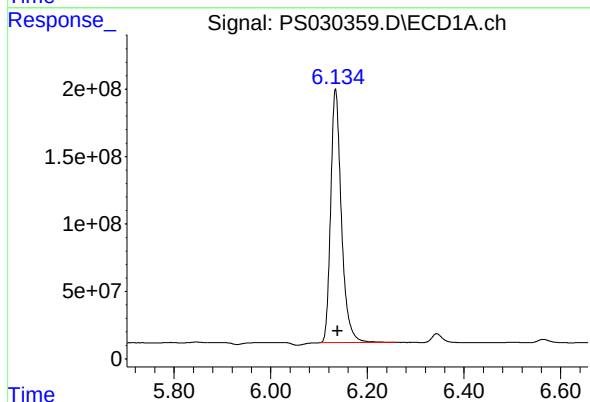
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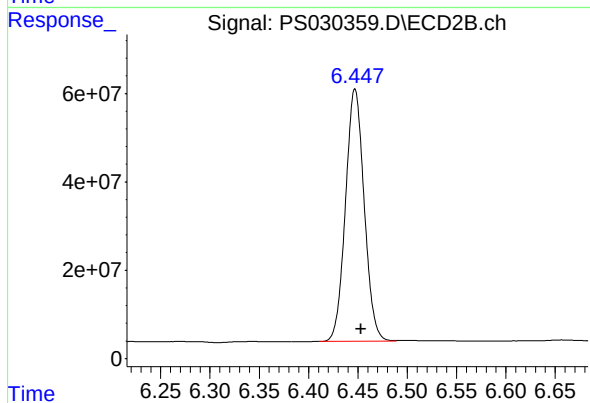
#1 Dalapon

R.T.: 2.517 min
Delta R.T.: -0.003 min
Response: 1331838515
Conc: 655.74 ng/ml



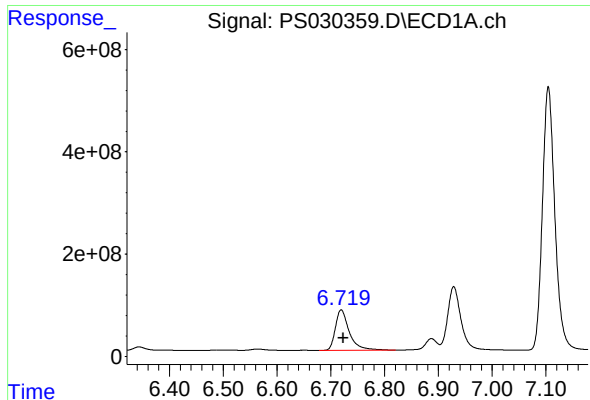
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.134 min
Delta R.T.: -0.004 min
Response: 2897619594
Conc: 694.78 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min
Delta R.T.: -0.006 min
Response: 753168577
Conc: 646.04 ng/ml



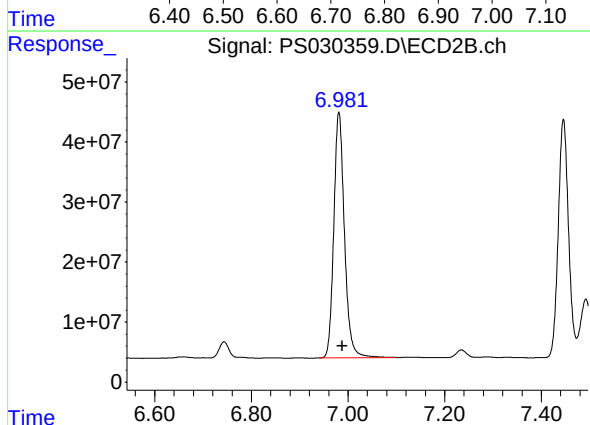
#3 4-Nitrophenol

R.T.: 6.719 min
Delta R.T.: -0.004 min
Response: 1428714402
Conc: 691.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

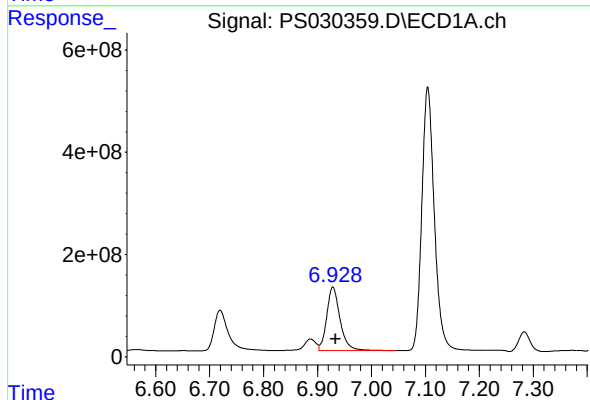
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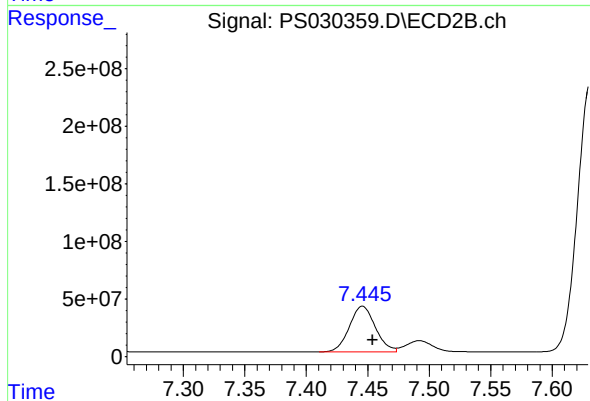
#3 4-Nitrophenol

R.T.: 6.981 min
Delta R.T.: -0.007 min
Response: 625709780
Conc: 599.32 ng/ml



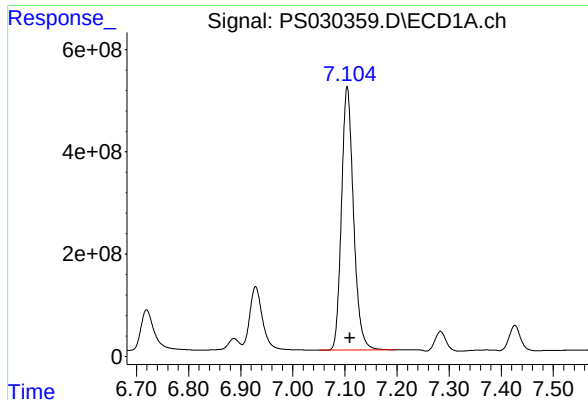
#4 2,4-DCAA

R.T.: 6.929 min
Delta R.T.: -0.005 min
Response: 2133634762
Conc: 749.22 ng/ml



#4 2,4-DCAA

R.T.: 7.446 min
Delta R.T.: -0.008 min
Response: 584416485
Conc: 730.33 ng/ml



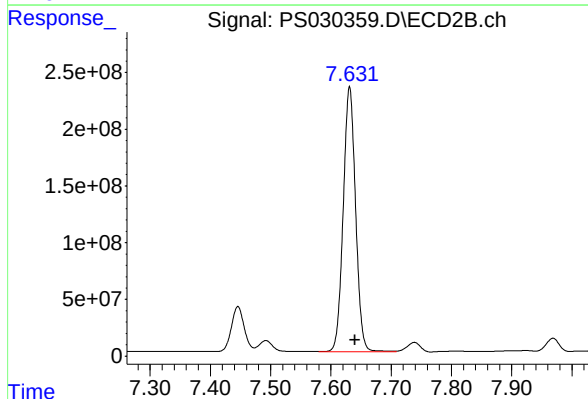
#5 DICAMBA

R.T.: 7.104 min
Delta R.T.: -0.006 min
Response: 8248007595
Conc: 713.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

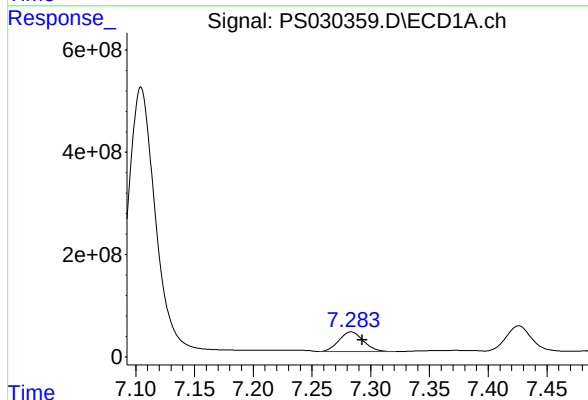
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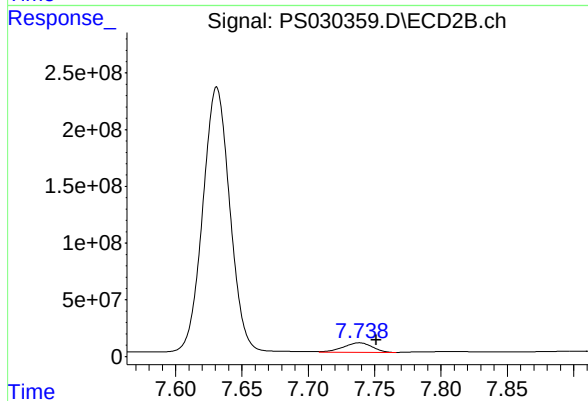
#5 DICAMBA

R.T.: 7.631 min
Delta R.T.: -0.009 min
Response: 3332536088
Conc: 704.85 ng/ml



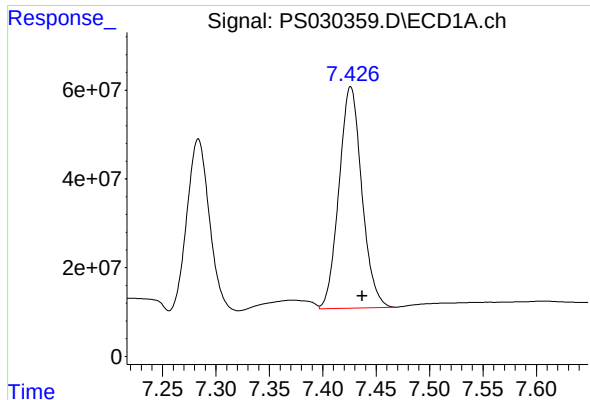
#6 MCPP

R.T.: 7.284 min
Delta R.T.: -0.009 min
Response: 560867021
Conc: 77.01 ug/ml



#6 MCPP

R.T.: 7.739 min
Delta R.T.: -0.013 min
Response: 129202991
Conc: 70.23 ug/ml



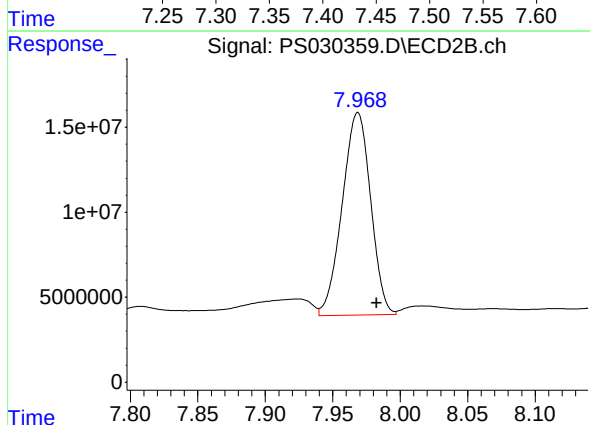
#7 MCPA

R.T.: 7.426 min
Delta R.T.: -0.011 min
Response: 743435637
Conc: 71.62 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

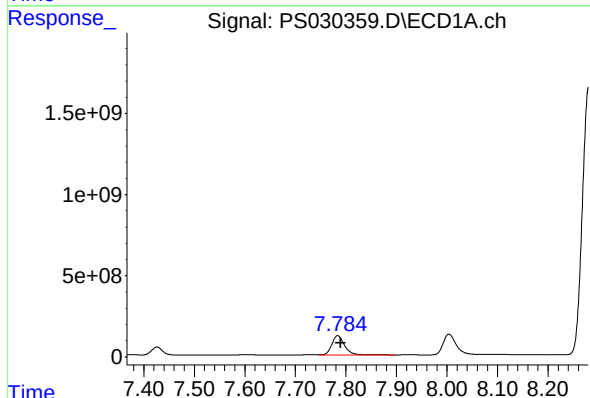
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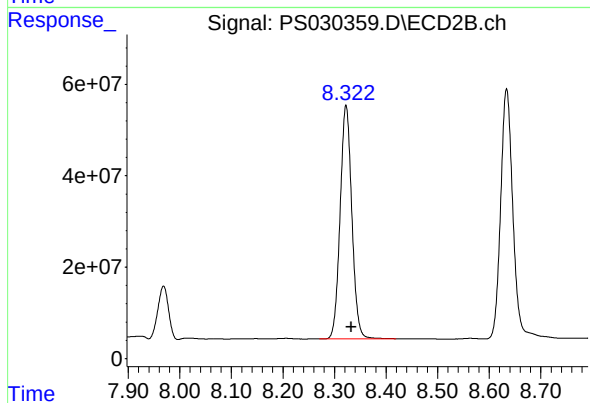
#7 MCPA

R.T.: 7.969 min
Delta R.T.: -0.014 min
Response: 174882053
Conc: 66.30 ug/ml



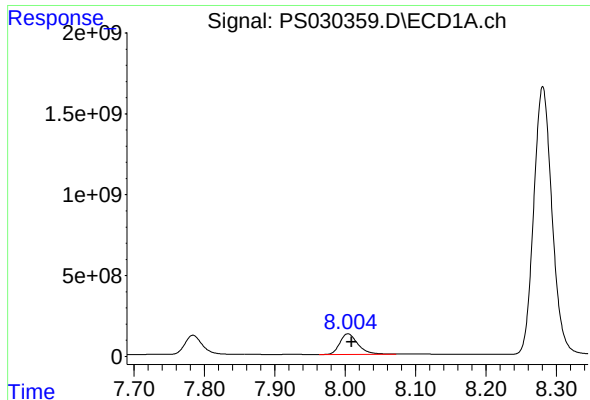
#8 DICHLORPROP

R.T.: 7.784 min
Delta R.T.: -0.006 min
Response: 2063426192
Conc: 706.33 ng/ml



#8 DICHLORPROP

R.T.: 8.322 min
Delta R.T.: -0.010 min
Response: 804586904
Conc: 681.03 ng/ml



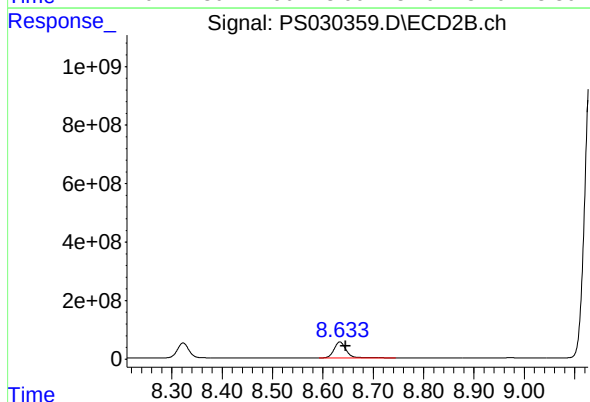
#9 2,4-D

R.T.: 8.004 min
Delta R.T.: -0.005 min
Response: 2317246314
Conc: 706.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

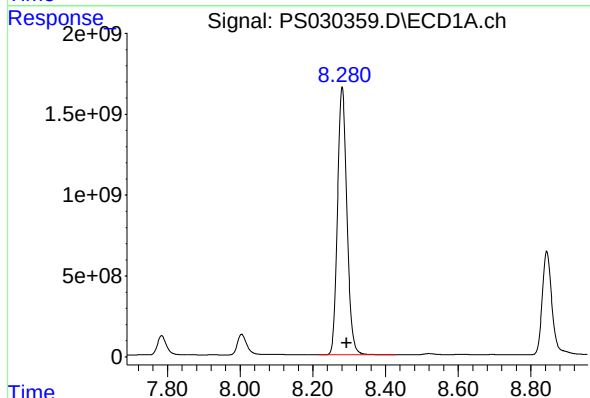
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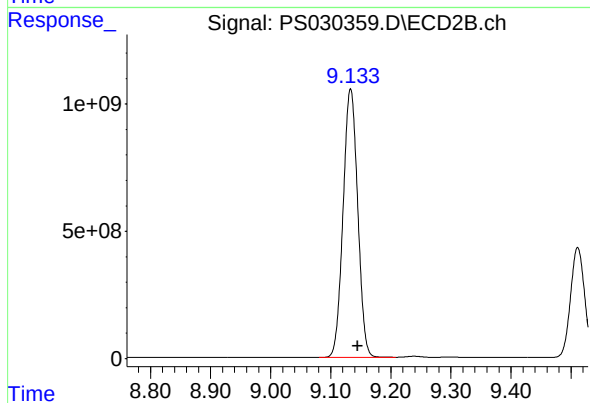
#9 2,4-D

R.T.: 8.634 min
Delta R.T.: -0.011 min
Response: 904812969
Conc: 701.13 ng/ml



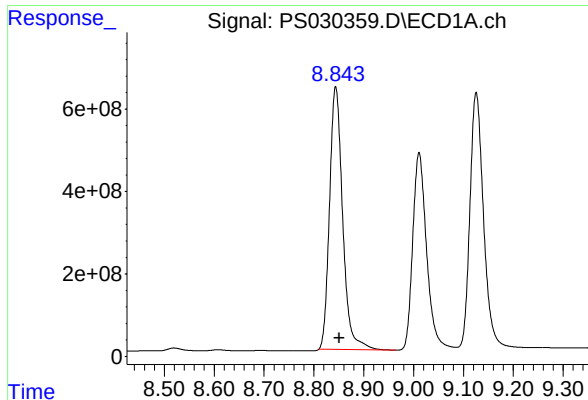
#10 Pentachlorophenol

R.T.: 8.281 min
Delta R.T.: -0.012 min
Response: 29778754761
Conc: 735.26 ng/ml



#10 Pentachlorophenol

R.T.: 9.133 min
Delta R.T.: -0.012 min
Response: 17854426389
Conc: 723.29 ng/ml



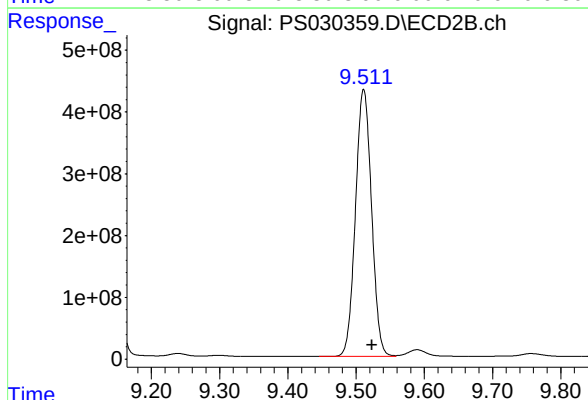
#11 2,4,5-TP (SILVEX)

R.T.: 8.844 min
Delta R.T.: -0.007 min
Response: 11649135723
Conc: 719.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

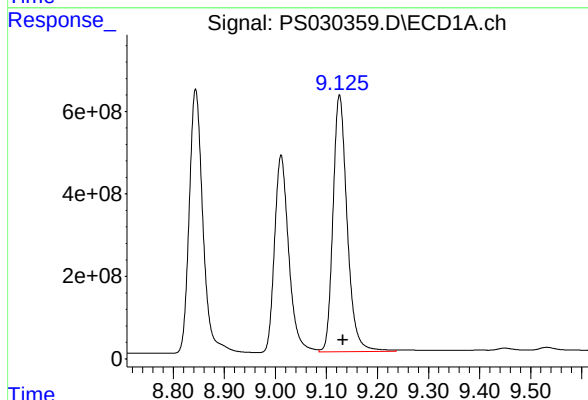
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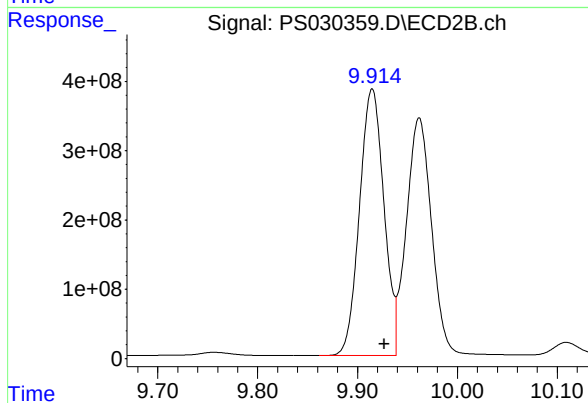
#11 2,4,5-TP (SILVEX)

R.T.: 9.511 min
Delta R.T.: -0.012 min
Response: 7066199506
Conc: 717.35 ng/ml



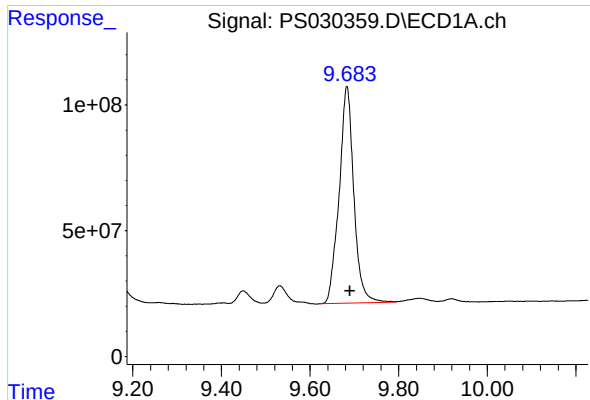
#12 2,4,5-T

R.T.: 9.126 min
Delta R.T.: -0.007 min
Response: 11978389891
Conc: 725.30 ng/ml



#12 2,4,5-T

R.T.: 9.915 min
Delta R.T.: -0.012 min
Response: 6535716677
Conc: 710.13 ng/ml



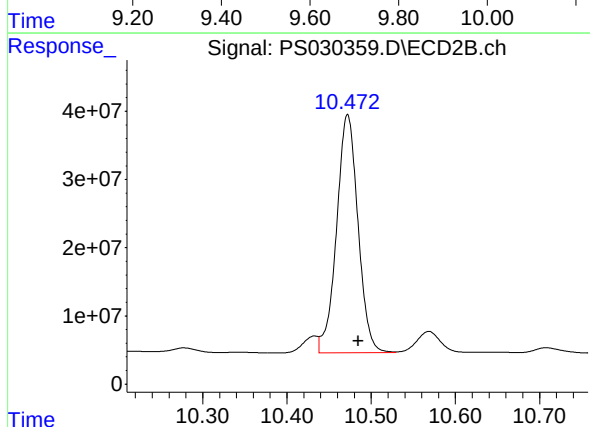
#13 2,4-DB

R.T.: 9.683 min
Delta R.T.: -0.007 min
Response: 1993631214
Conc: 763.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

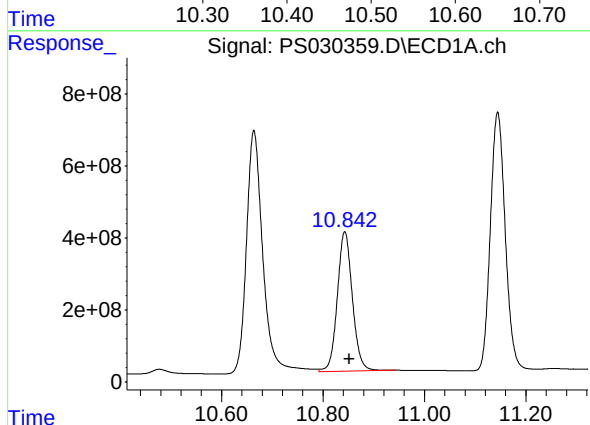
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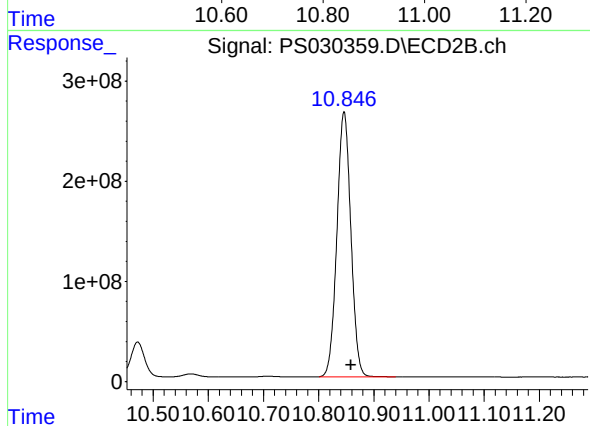
#13 2,4-DB

R.T.: 10.472 min
Delta R.T.: -0.013 min
Response: 616709111
Conc: 621.45 ng/ml



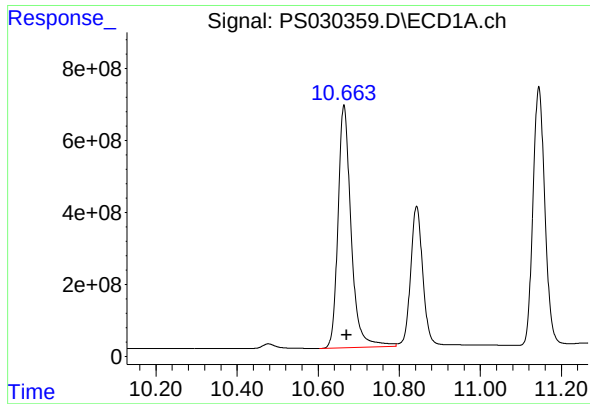
#14 DINOSEB

R.T.: 10.843 min
Delta R.T.: -0.009 min
Response: 8007892809
Conc: 700.21 ng/ml



#14 DINOSEB

R.T.: 10.846 min
Delta R.T.: -0.013 min
Response: 4641287949
Conc: 679.35 ng/ml



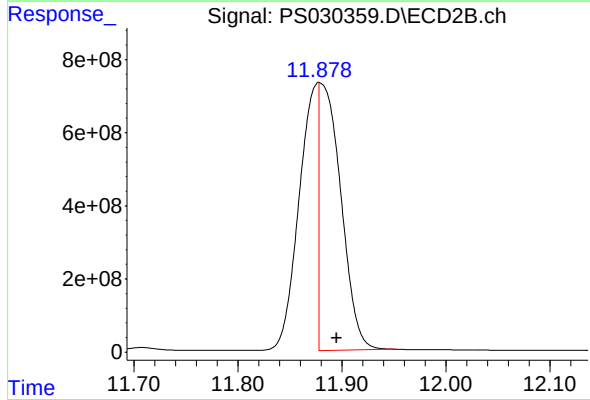
#15 Picloram

R.T.: 10.664 min
Delta R.T.: -0.006 min
Response: 15131944511
Conc: 707.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

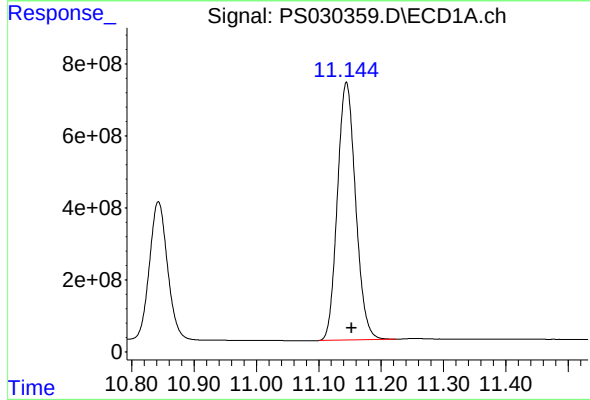
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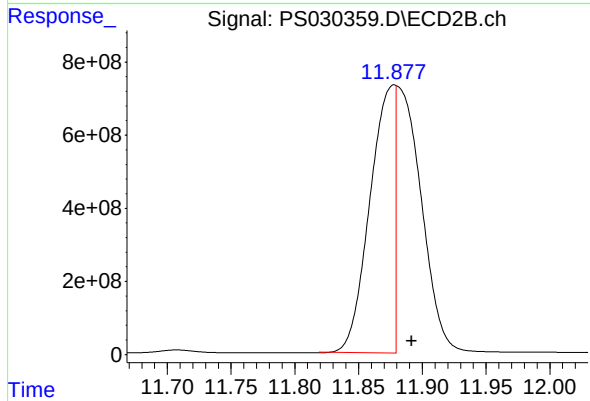
#15 Picloram

R.T.: 11.878 min
Delta R.T.: -0.017 min
Response: 10420485817
Conc: 740.45 ng/ml m



#16 DCPA

R.T.: 11.144 min
Delta R.T.: -0.008 min
Response: 14502647110
Conc: 728.36 ng/ml



#16 DCPA

R.T.: 11.877 min
Delta R.T.: -0.014 min
Response: 10152882342
Conc: 751.48 ng/ml m