

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
 Data File : PS030049.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 20:18
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2025
 Supervised By : mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:44:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.937	7.461	1914.7E6	577.7E6	777.992	820.022
Target Compounds							
1) T	Dalapon	2.449	2.523	2986.4E6	1269.2E6	729.244	731.036
2) T	3,5-DICHL...	6.143	6.458	2590.1E6	737.6E6	724.747	754.567
3) T	4-Nitroph...	6.728	6.995	1267.3E6	564.2E6	710.665	736.588
5) T	DICAMBA	7.114	7.647	7402.4E6	3170.8E6	747.503	802.730
6) T	MCPD	7.293	7.754	474.3E6	130.0E6	73.613	74.304
7) T	MCPA	7.436	7.984	653.7E6	184.0E6	74.015	77.786
8) T	DICHLORPROP	7.794	8.339	1833.0E6	776.2E6	723.318	773.132
9) T	2,4-D	8.014	8.652	2078.4E6	861.6E6	738.873	764.471
10) T	Pentachlo...	8.292	9.153	26529.3E6	16483.6E6	760.479	810.213
11) T	2,4,5-TP ...	8.856	9.531	10591.6E6	6559.0E6	764.025	801.656
12) T	2,4,5-T	9.138	9.936	10777.4E6	6119.3E6	766.908	788.307
13) T	2,4-DB	9.696	10.494	1773.6E6	620.0E6	776.093	770.341
14) T	DINOSEB	10.859	10.868	7719.0E6	4454.7E6	758.741	763.966
15) T	Picloram	10.677	11.904	13875.2E6	8957.6E6	756.943	729.230m
16) T	DCPA	11.160	11.901	13158.4E6	8574.3E6	773.066	760.695m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

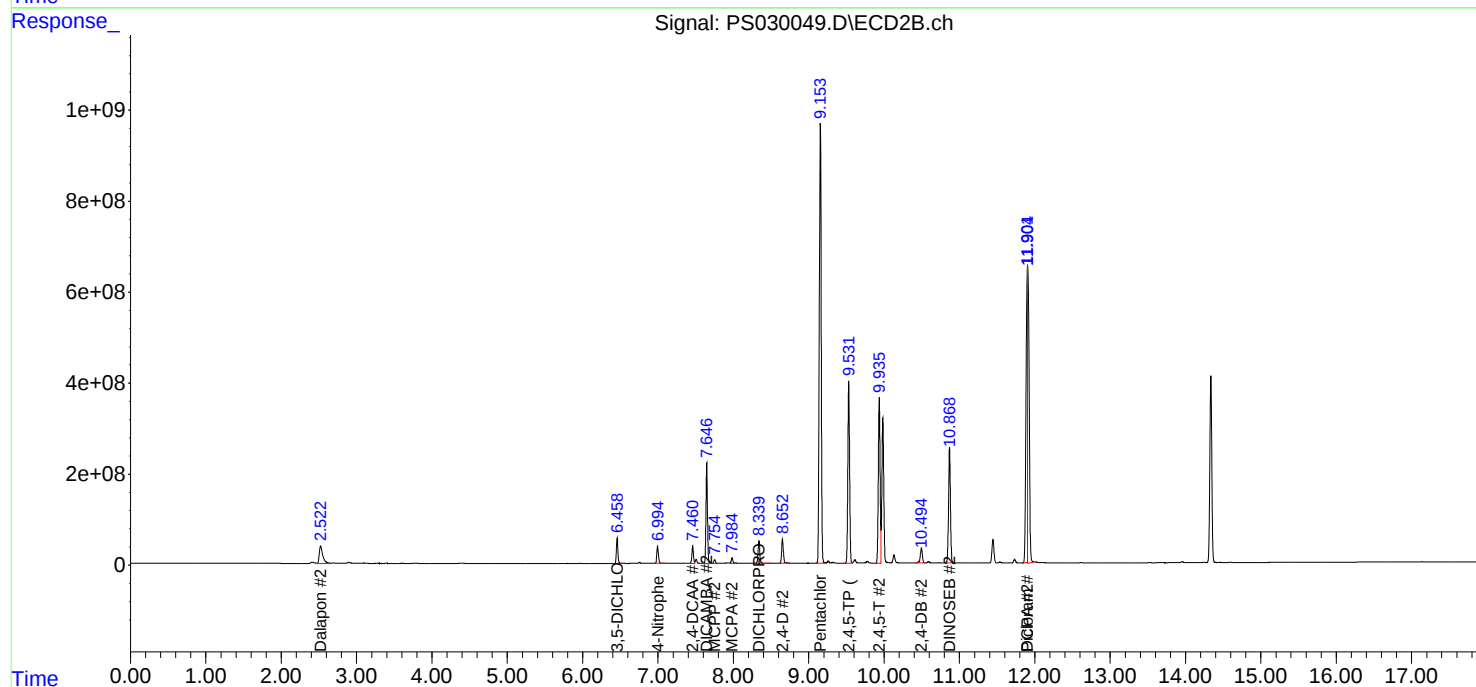
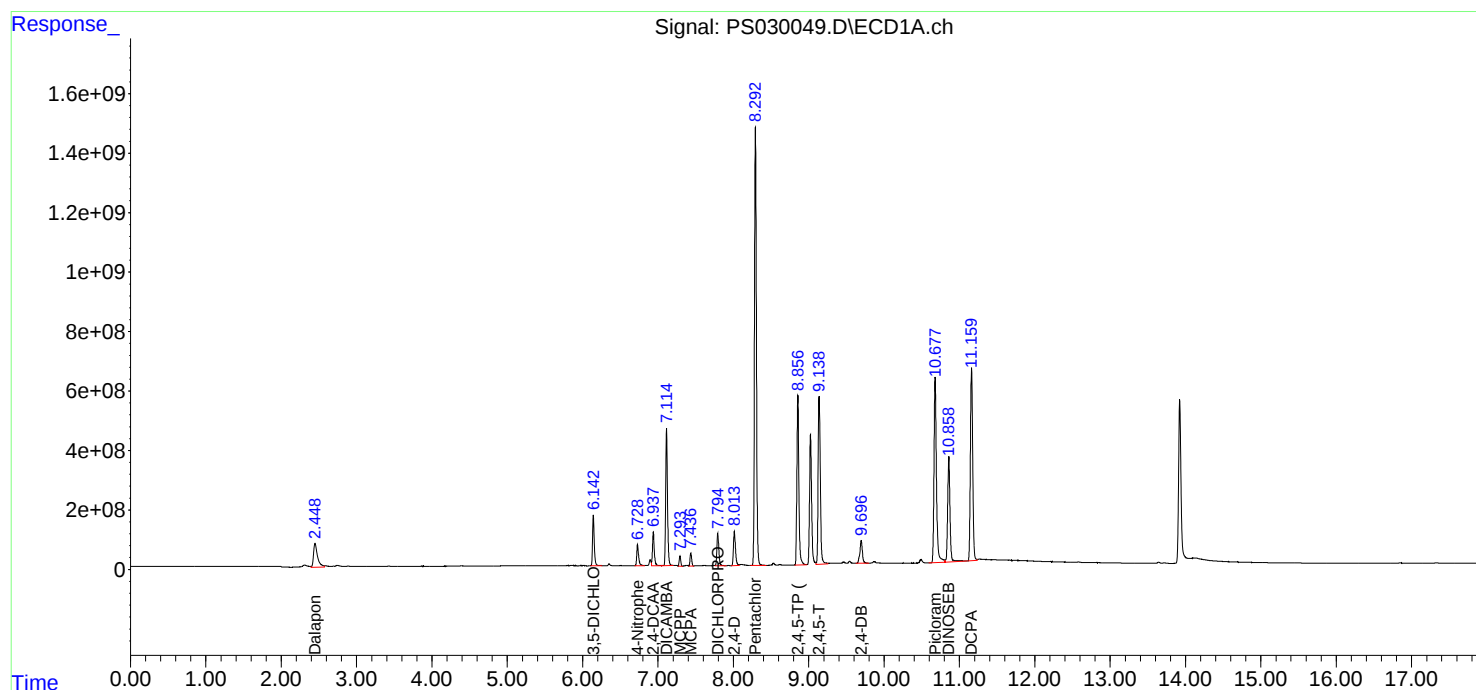
Instrument :
ECD_S
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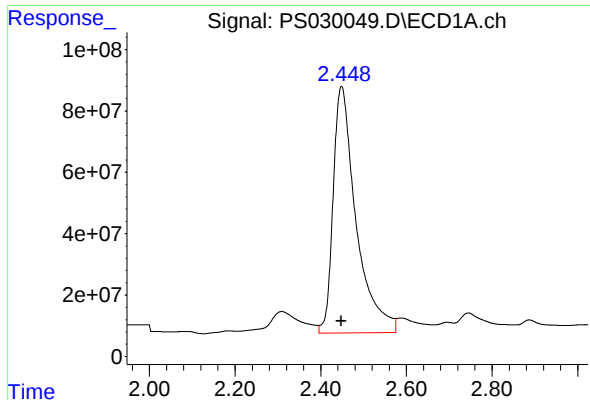
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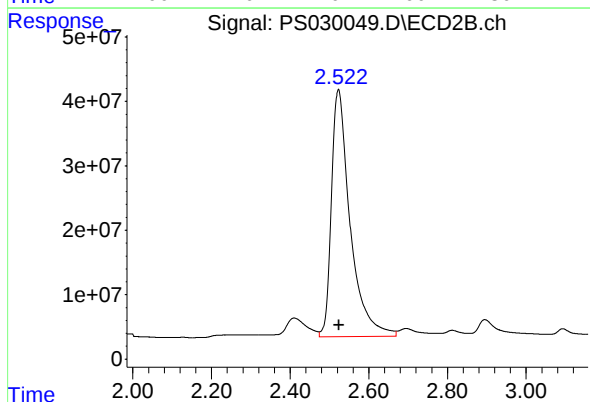
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.000 min
Response: 2986444064
Conc: 729.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

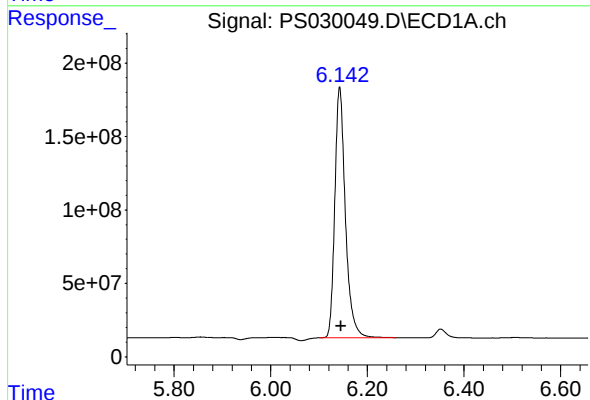
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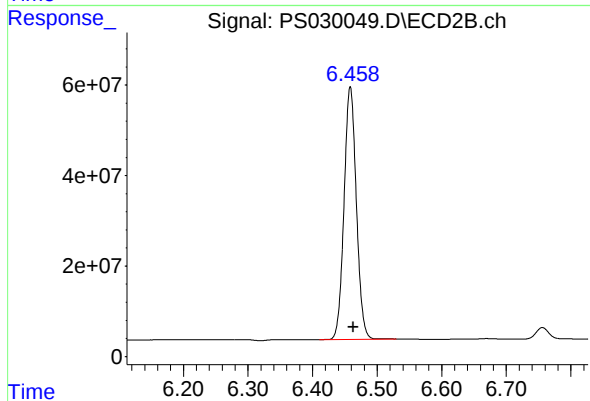
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.002 min
Response: 1269183526
Conc: 731.04 ng/ml



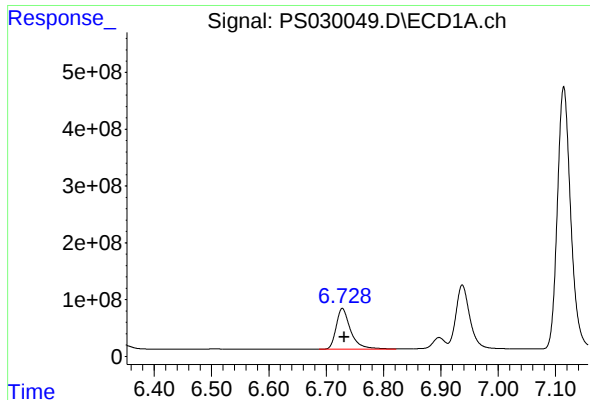
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.143 min
Delta R.T.: -0.003 min
Response: 2590090916
Conc: 724.75 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.005 min
Response: 737648890
Conc: 754.57 ng/ml



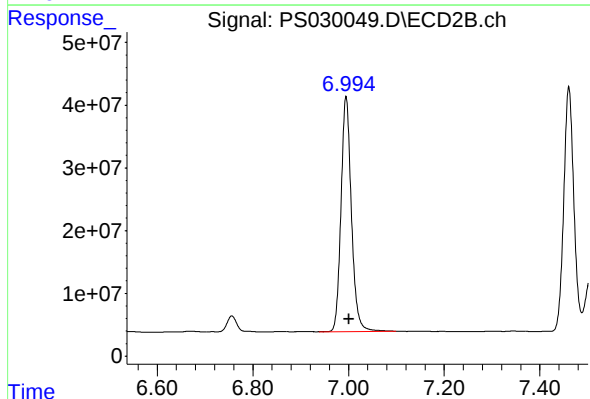
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 1267343180
Conc: 710.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

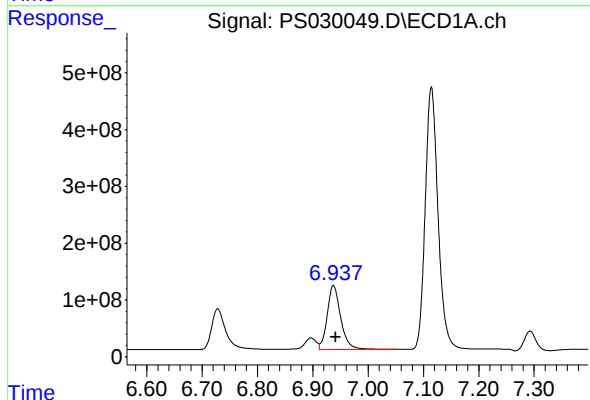
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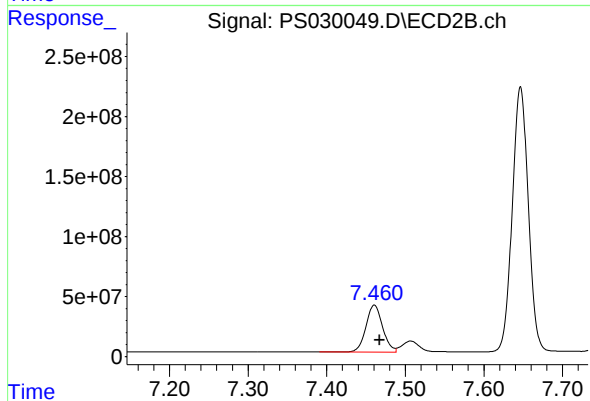
#3 4-Nitrophenol

R.T.: 6.995 min
Delta R.T.: -0.006 min
Response: 564168441
Conc: 736.59 ng/ml



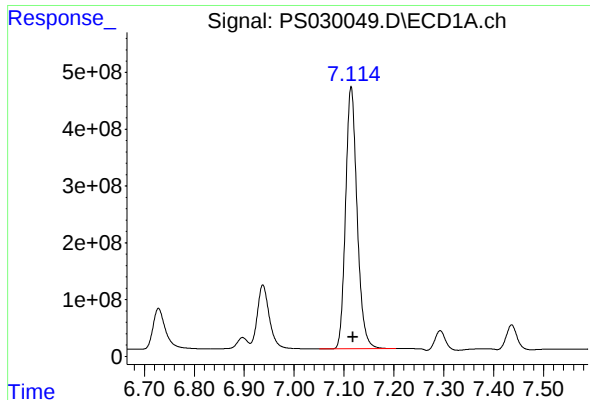
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1914700738
Conc: 777.99 ng/ml



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 577719611
Conc: 820.02 ng/ml



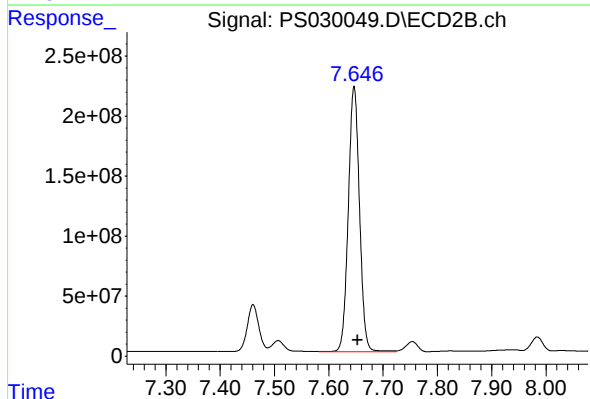
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.003 min
Response: 7402423157
Conc: 747.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

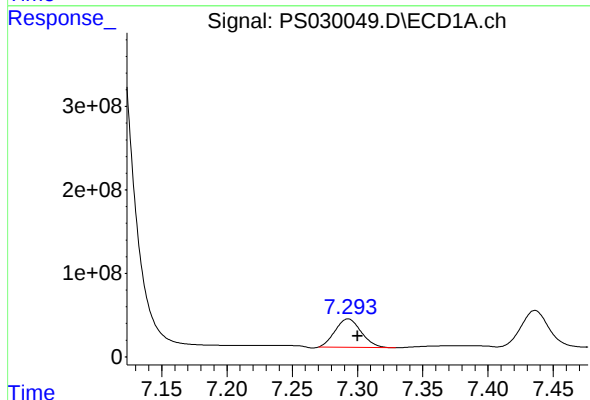
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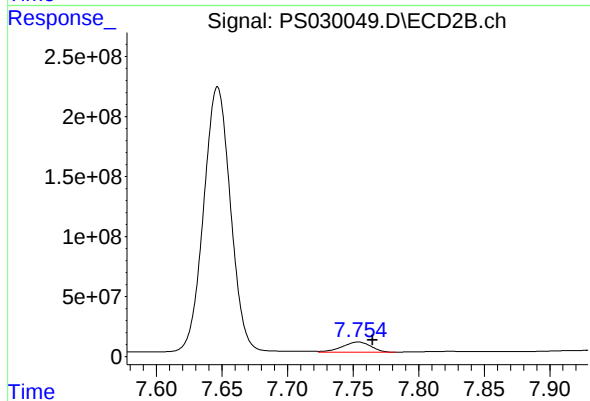
#5 DICAMBA

R.T.: 7.647 min
Delta R.T.: -0.007 min
Response: 3170834935
Conc: 802.73 ng/ml



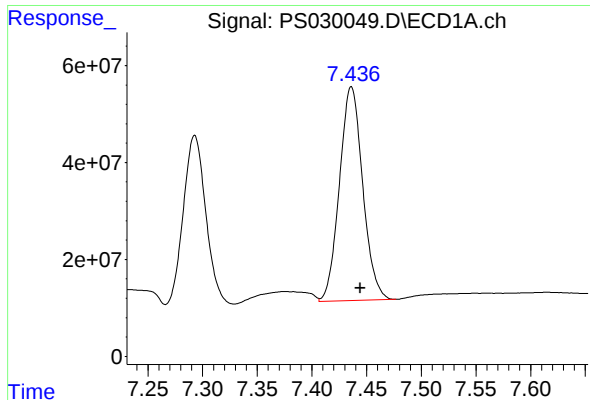
#6 MCPP

R.T.: 7.293 min
Delta R.T.: -0.008 min
Response: 474333461
Conc: 73.61 ug/ml



#6 MCPP

R.T.: 7.754 min
Delta R.T.: -0.011 min
Response: 129953666
Conc: 74.30 ug/ml



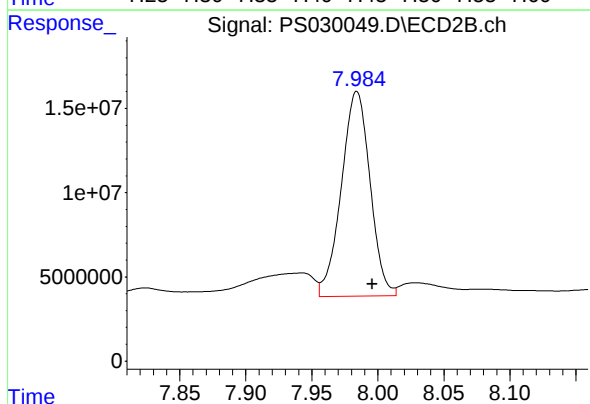
#7 MCPA

R.T.: 7.436 min
Delta R.T.: -0.008 min
Response: 653652748
Conc: 74.01 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

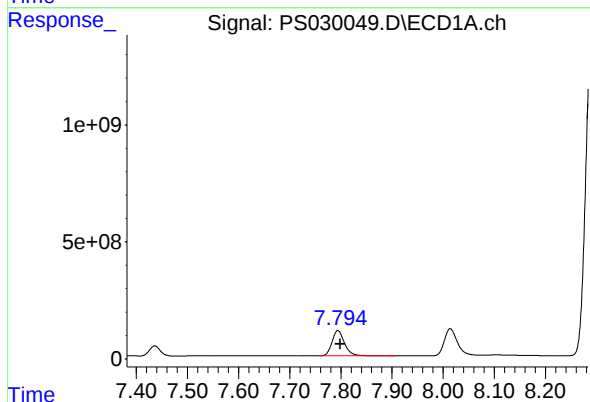
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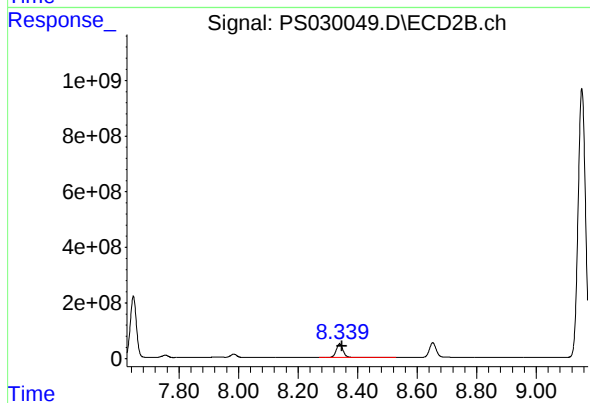
#7 MCPA

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 184026592
Conc: 77.79 ug/ml



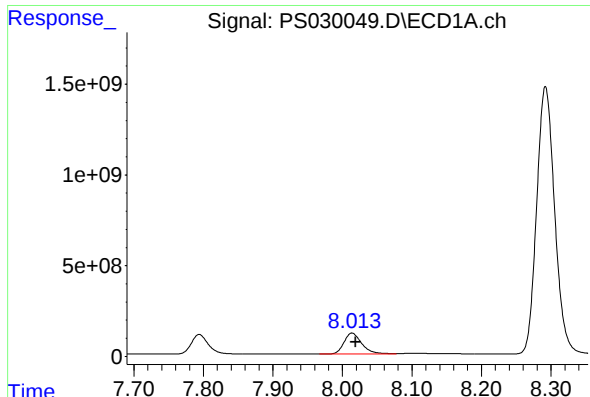
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1832966047
Conc: 723.32 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.008 min
Response: 776196437
Conc: 773.13 ng/ml



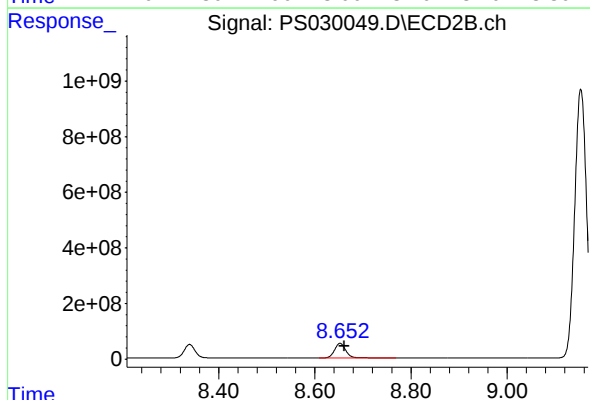
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 2078354115
Conc: 738.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

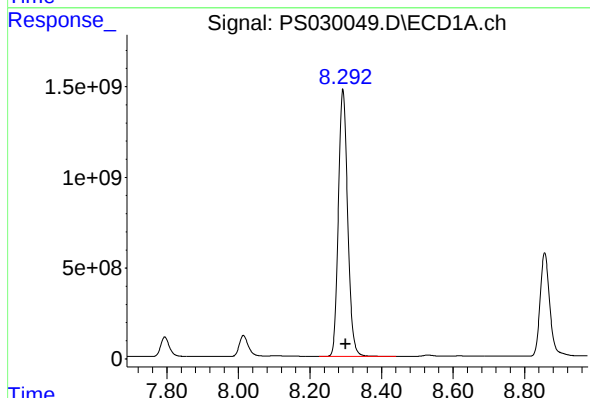
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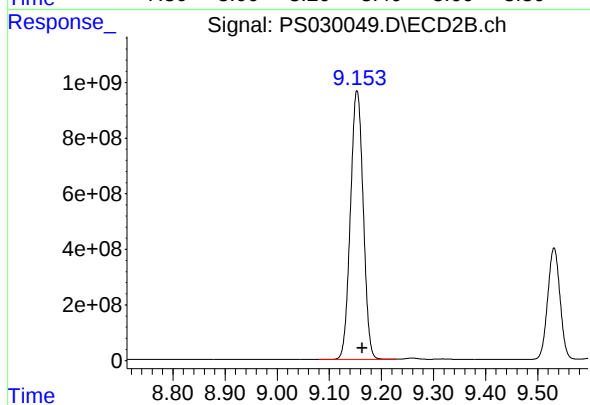
#9 2,4-D

R.T.: 8.652 min
Delta R.T.: -0.009 min
Response: 861640243
Conc: 764.47 ng/ml



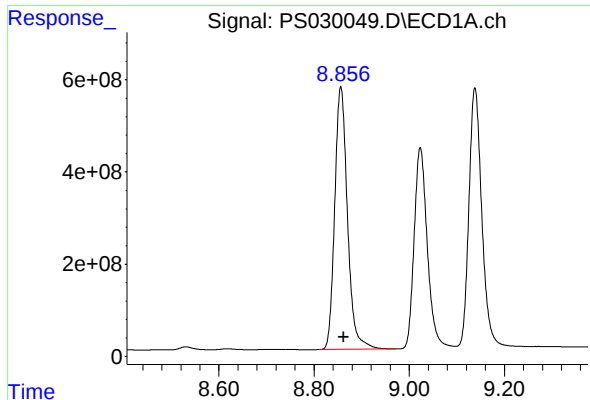
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.007 min
Response: 26529315026
Conc: 760.48 ng/ml



#10 Pentachlorophenol

R.T.: 9.153 min
Delta R.T.: -0.010 min
Response: 16483629981
Conc: 810.21 ng/ml



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

R.T.: 8.856 min
Delta R.T.: -0.006 min
Response: 10591556837
Conc: 764.03 ng/ml

Instrument :

ECD_S

ClientSampleId :

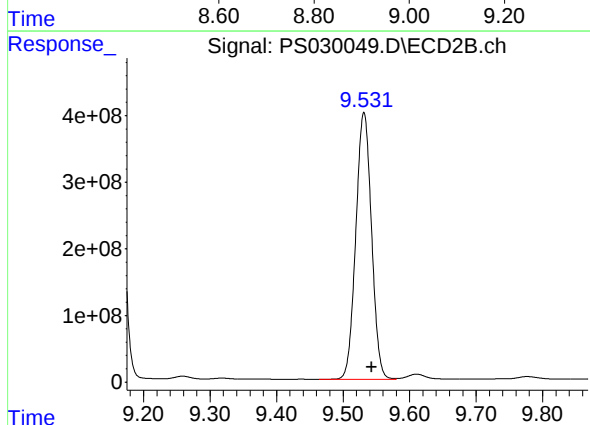
HSTDCCC750

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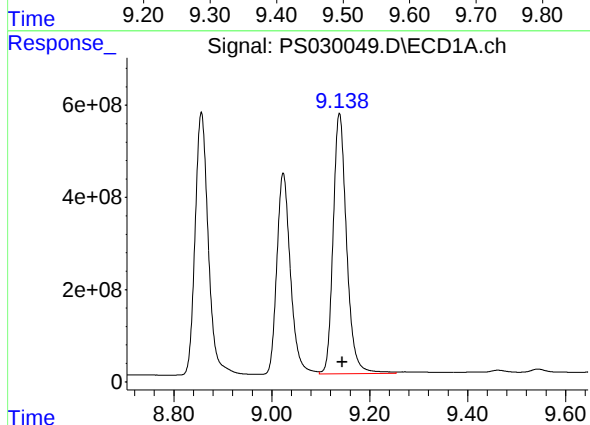
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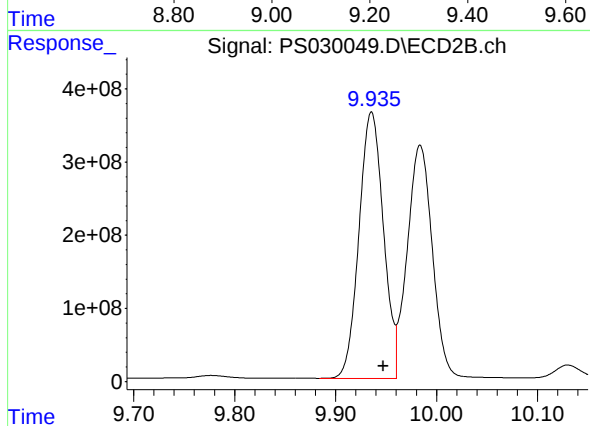
#11 2,4,5-TP (SILVEX)

R.T.: 9.531 min
Delta R.T.: -0.011 min
Response: 6558953356
Conc: 801.66 ng/ml



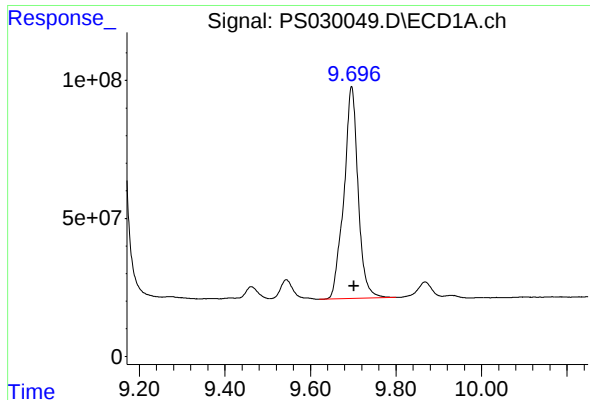
#12 2,4,5-T

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 10777435892
Conc: 766.91 ng/ml



#12 2,4,5-T

R.T.: 9.936 min
Delta R.T.: -0.012 min
Response: 6119311765
Conc: 788.31 ng/ml



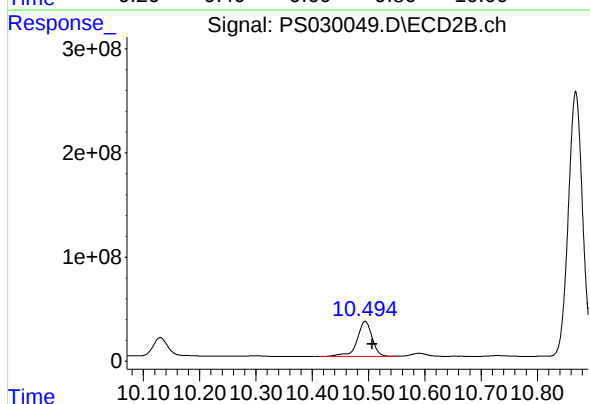
#13 2,4-DB

R.T.: 9.696 min
Delta R.T.: -0.006 min
Response: 1773649850
Conc: 776.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
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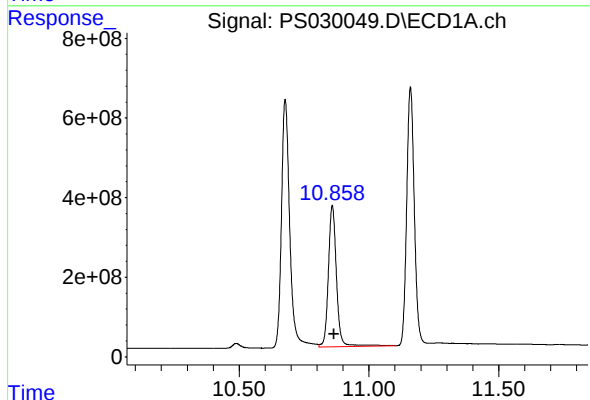
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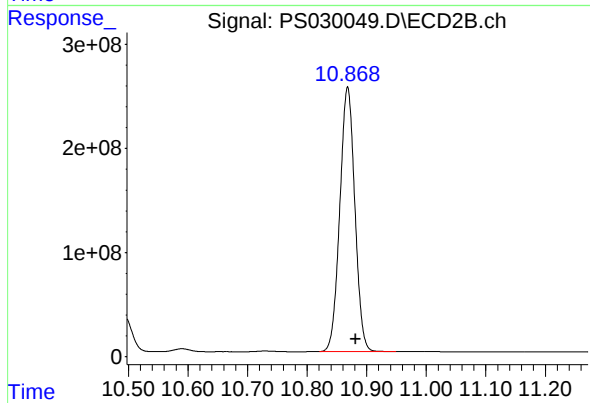
#13 2,4-DB

R.T.: 10.494 min
Delta R.T.: -0.013 min
Response: 620002752
Conc: 770.34 ng/ml



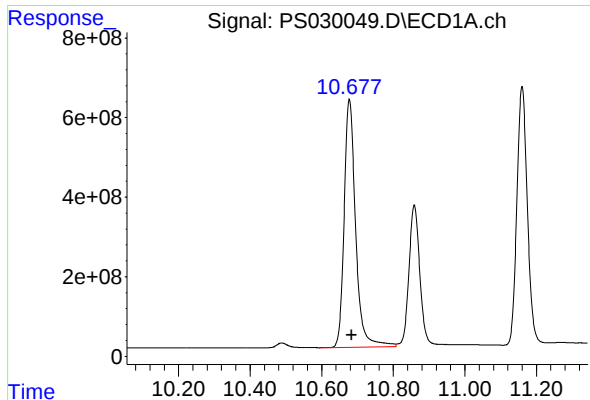
#14 DINOSEB

R.T.: 10.859 min
Delta R.T.: -0.007 min
Response: 7718991396
Conc: 758.74 ng/ml



#14 DINOSEB

R.T.: 10.868 min
Delta R.T.: -0.013 min
Response: 4454670832
Conc: 763.97 ng/ml



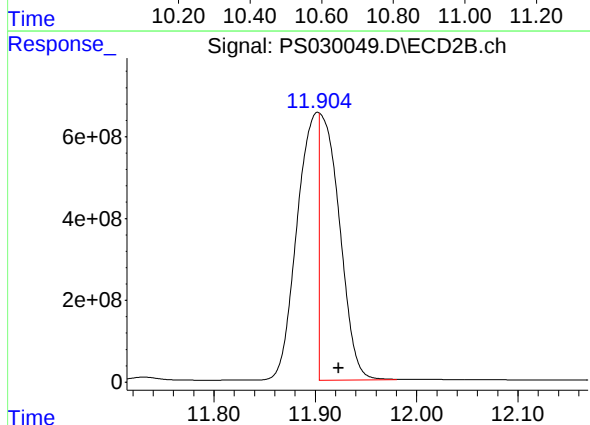
#15 Picloram

R.T.: 10.677 min
Delta R.T.: -0.006 min
Response: 13875235740
Conc: 756.94 ng/ml

Instrument :
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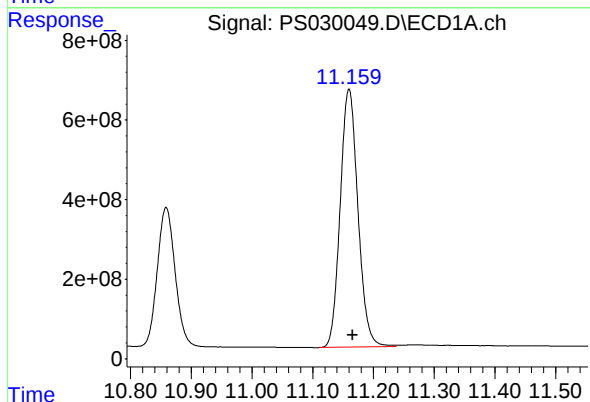
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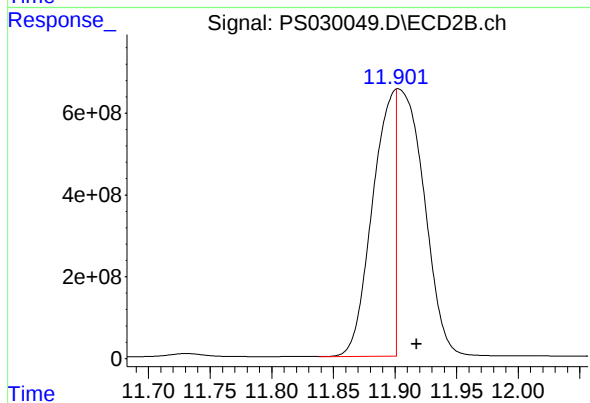
#15 Picloram

R.T.: 11.904 min
Delta R.T.: -0.019 min
Response: 8957594680
Conc: 729.23 ng/ml



#16 DCPA

R.T.: 11.160 min
Delta R.T.: -0.006 min
Response: 13158362590
Conc: 773.07 ng/ml



#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 8574287129
Conc: 760.69 ng/ml