

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051525\
 Data File : PS030248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 20:55
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 01:20:32 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	6.933	7.452	2108.0E6	601.7E6	740.233	751.944
Target Compounds							
1) T	Dalapon	2.446	2.520	3288.6E6	1364.2E6	669.051	671.681
2) T	3,5-DICHL...	6.137	6.451	2864.4E6	787.2E6	686.826	675.226
3) T	4-Nitroph...	6.723	6.987	1419.1E6	659.1E6	687.027	631.329
5) T	DICAMBA	7.109	7.637	8144.3E6	3422.2E6	704.681	723.824
6) T	MCPD	7.288	7.745	513.3E6	131.0E6	70.486	71.190
7) T	MCPA	7.431	7.975	731.8E6	178.0E6	70.495	67.501
8) T	DICHLORPROP	7.789	8.330	2027.6E6	822.6E6	694.058	696.238
9) T	2,4-D	8.009	8.642	2296.4E6	928.0E6	700.346	719.139
10) T	Pentachlo...	8.286	9.142	29157.7E6	18178.2E6	719.930	736.407
11) T	2,4,5-TP ...	8.849	9.520	11555.6E6	7160.3E6	713.486	726.906
12) T	2,4,5-T	9.131	9.924	11841.8E6	6652.8E6	717.027	722.852
13) T	2,4-DB	9.689	10.481	1996.1E6	639.6E6	764.871	644.472
14) T	DINOSEB	10.849	10.855	8004.1E6	4864.5E6	699.878	712.015
15) T	Picloram	10.669	11.892	15349.6E6	9602.5E6	717.708	682.330m
16) T	DCPA	11.151	11.888	14243.4E6	9839.3E6	715.338	728.272m

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

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Acq On : 15 May 2025 20:55
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

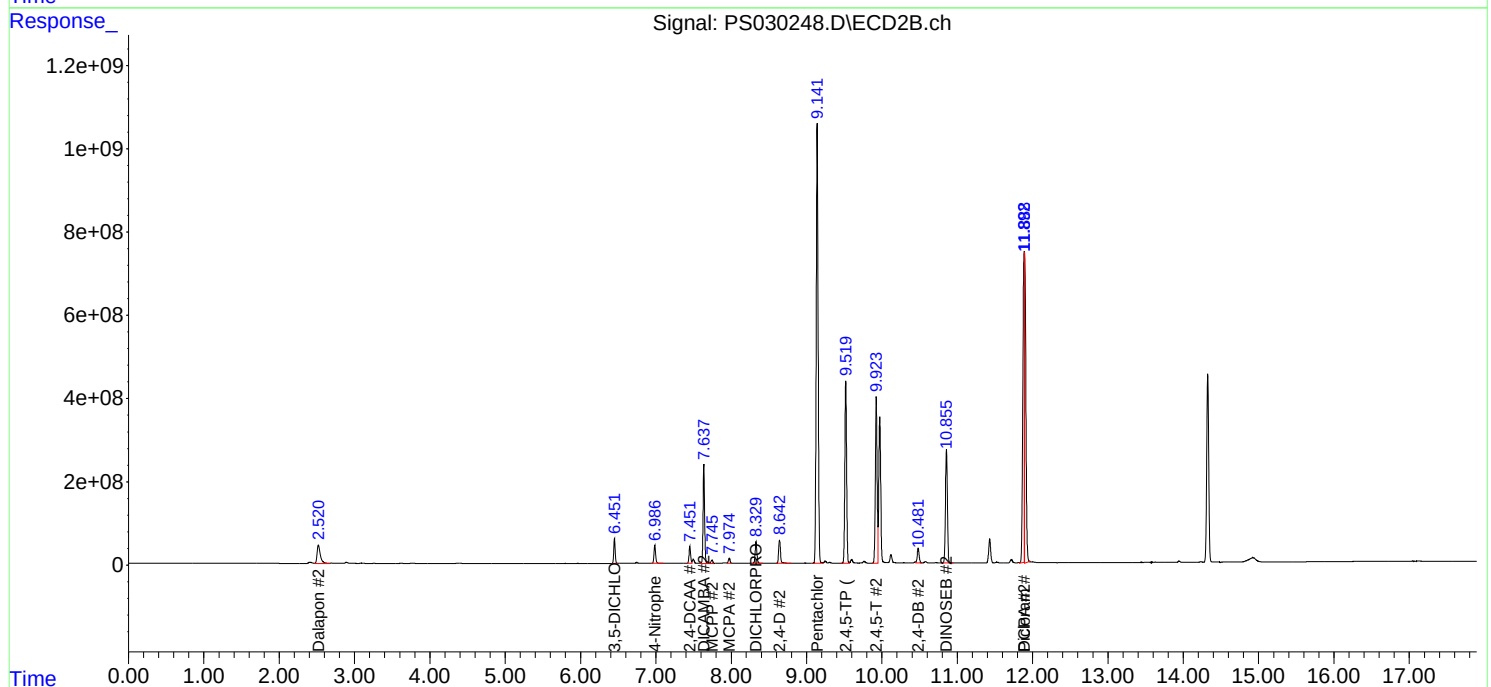
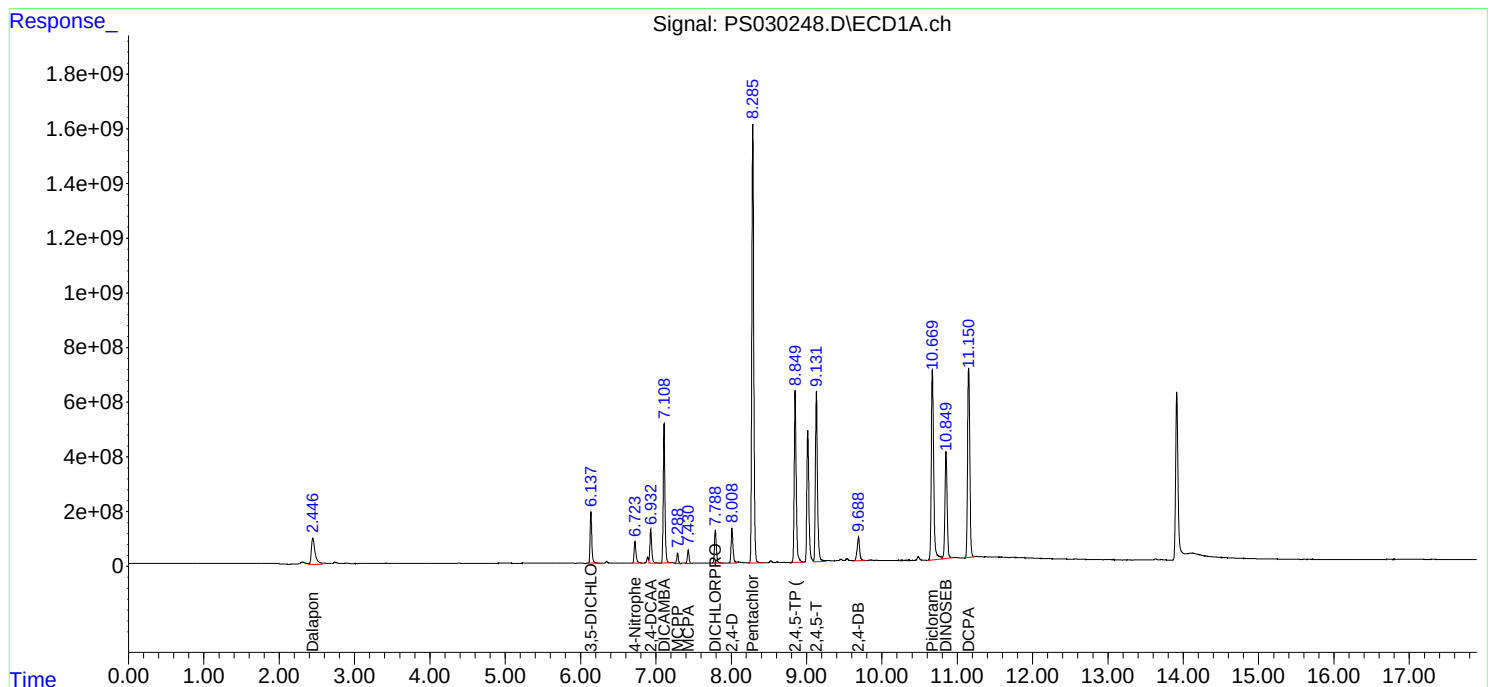
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

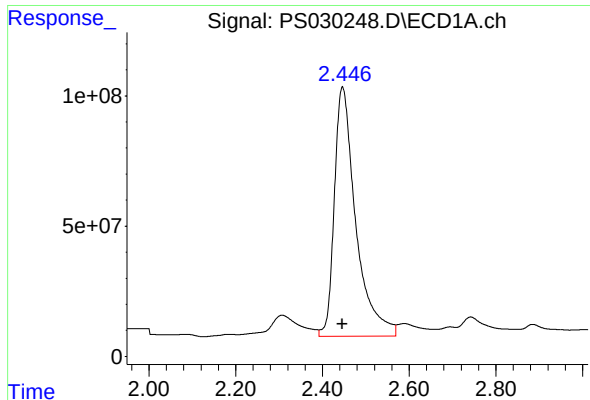
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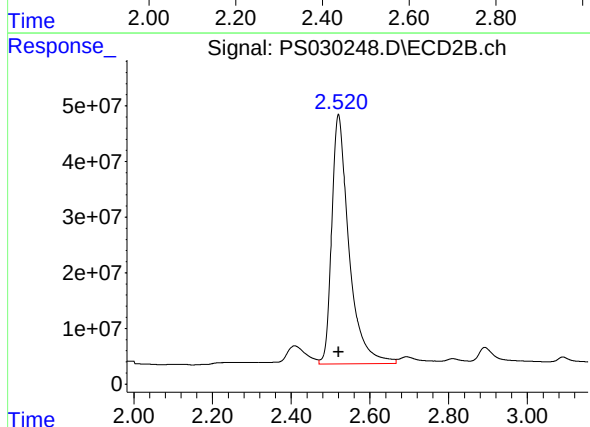
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3288625147
Conc: 669.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

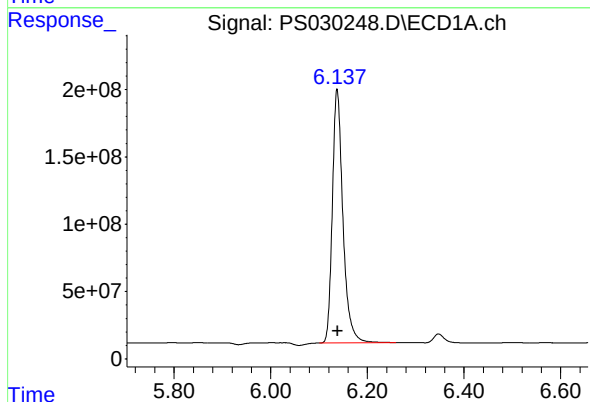
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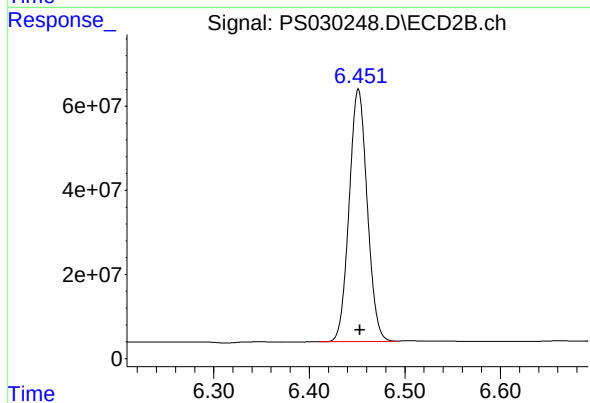
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1364217501
Conc: 671.68 ng/ml



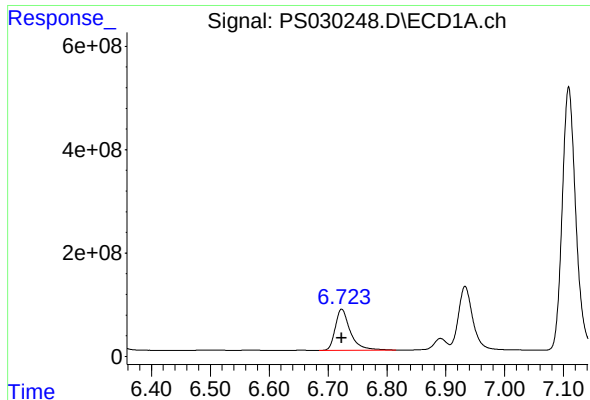
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.137 min
Delta R.T.: -0.001 min
Response: 2864444842
Conc: 686.83 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 787198781
Conc: 675.23 ng/ml



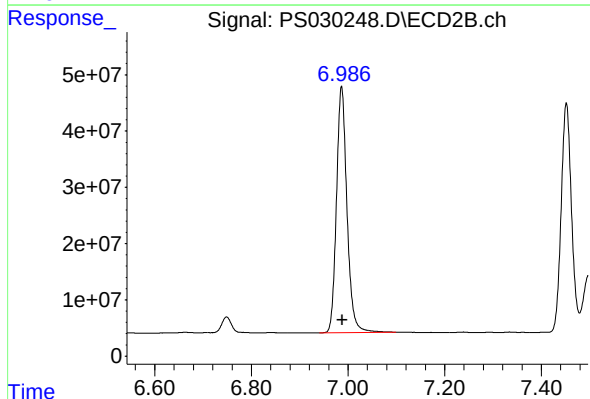
#3 4-Nitrophenol

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 1419132845
Conc: 687.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

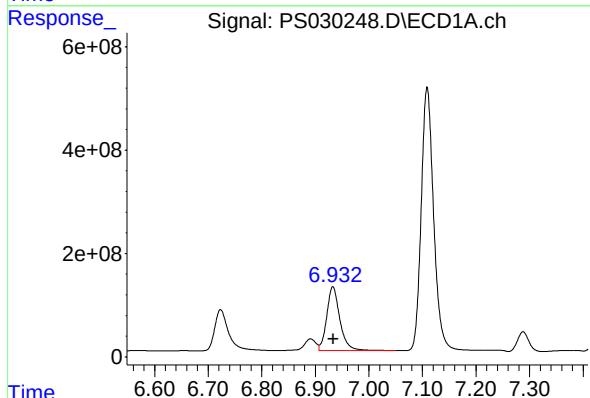
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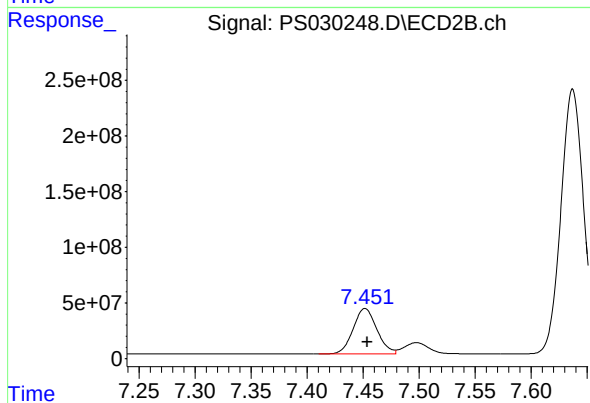
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 659127287
Conc: 631.33 ng/ml



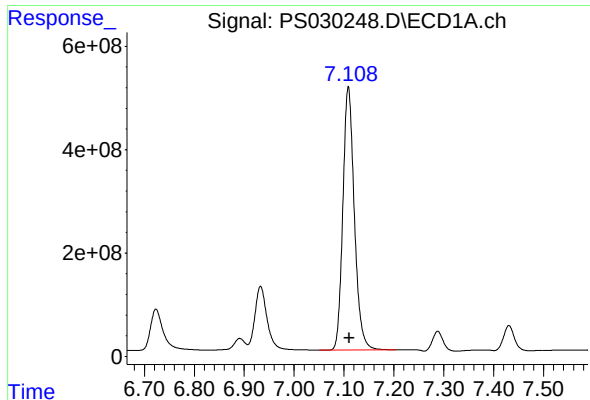
#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2108040894
Conc: 740.23 ng/ml



#4 2,4-DCAA

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 601708142
Conc: 751.94 ng/ml



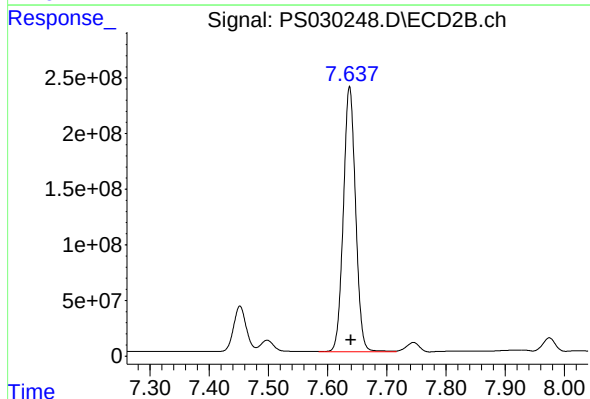
#5 DICAMBA

R.T.: 7.109 min
Delta R.T.: -0.001 min
Response: 8144255680
Conc: 704.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

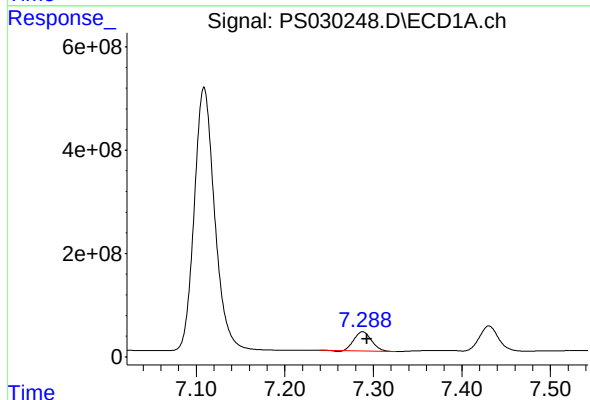
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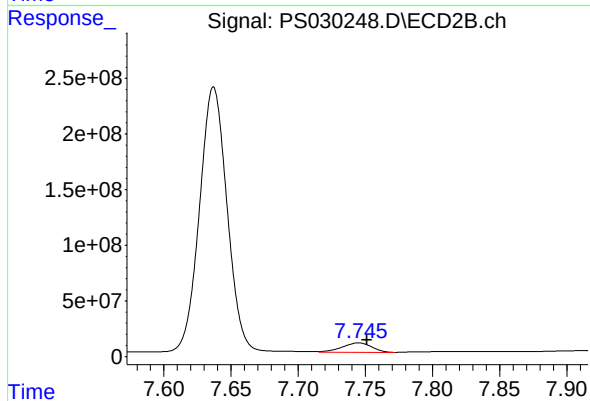
#5 DICAMBA

R.T.: 7.637 min
Delta R.T.: -0.003 min
Response: 3422224730
Conc: 723.82 ng/ml



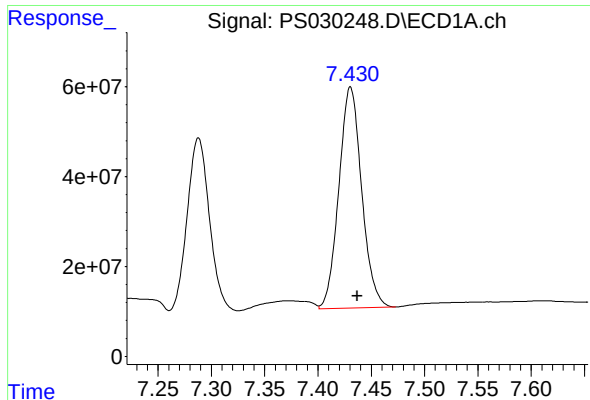
#6 MCPP

R.T.: 7.288 min
Delta R.T.: -0.005 min
Response: 513326719
Conc: 70.49 ug/ml



#6 MCPP

R.T.: 7.745 min
Delta R.T.: -0.006 min
Response: 130972667
Conc: 71.19 ug/ml



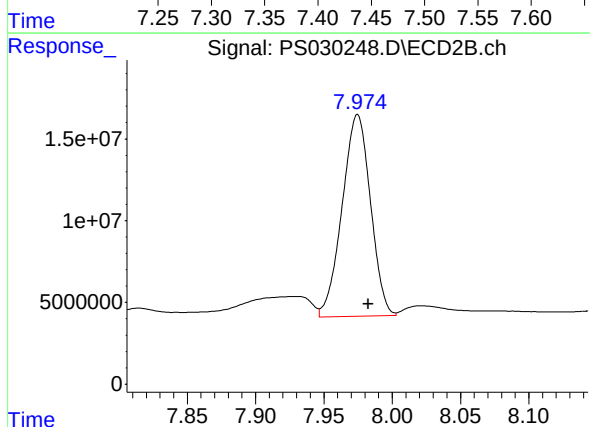
#7 MCPA

R.T.: 7.431 min
Delta R.T.: -0.006 min
Response: 731803500
Conc: 70.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

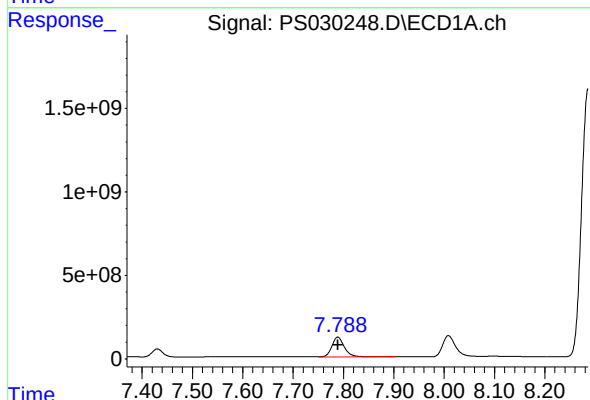
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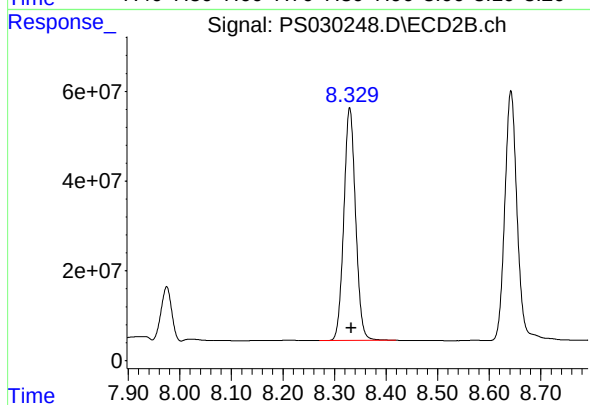
#7 MCPA

R.T.: 7.975 min
Delta R.T.: -0.008 min
Response: 178045534
Conc: 67.50 ug/ml



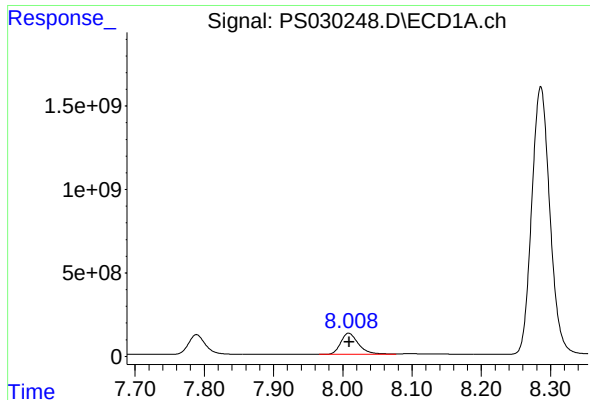
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 2027581270
Conc: 694.06 ng/ml



#8 DICHLORPROP

R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 822558963
Conc: 696.24 ng/ml



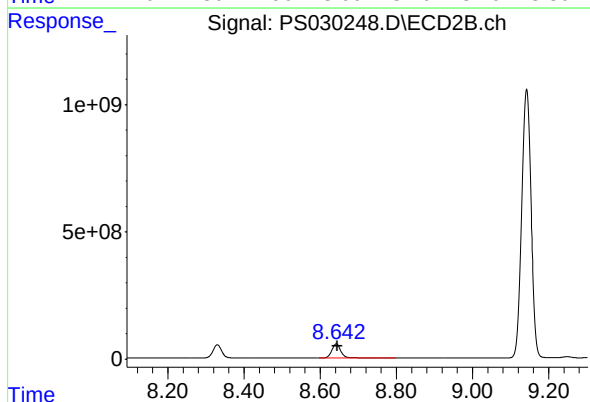
#9 2,4-D

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 2296389103
Conc: 700.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

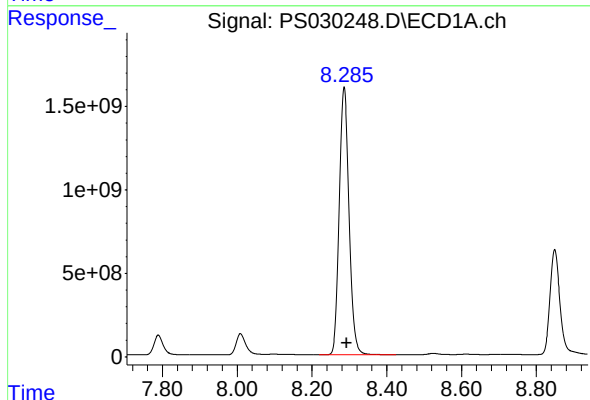
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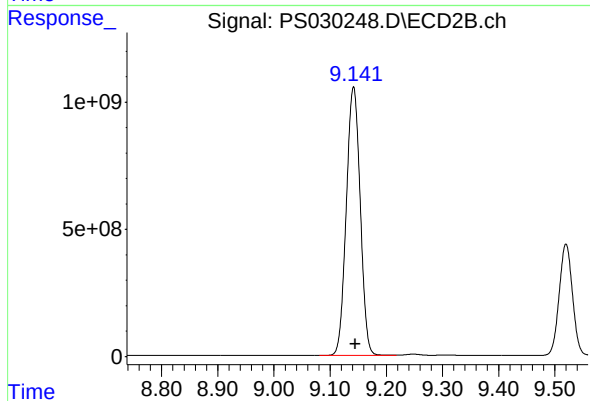
#9 2,4-D

R.T.: 8.642 min
Delta R.T.: -0.003 min
Response: 928049133
Conc: 719.14 ng/ml



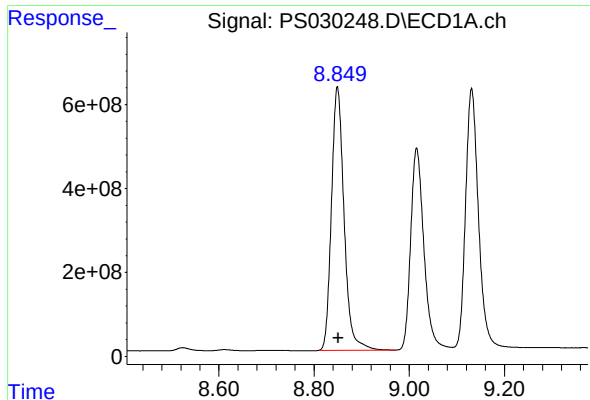
#10 Pentachlorophenol

R.T.: 8.286 min
Delta R.T.: -0.007 min
Response: 29157703949
Conc: 719.93 ng/ml



#10 Pentachlorophenol

R.T.: 9.142 min
Delta R.T.: -0.003 min
Response: 18178178296
Conc: 736.41 ng/ml



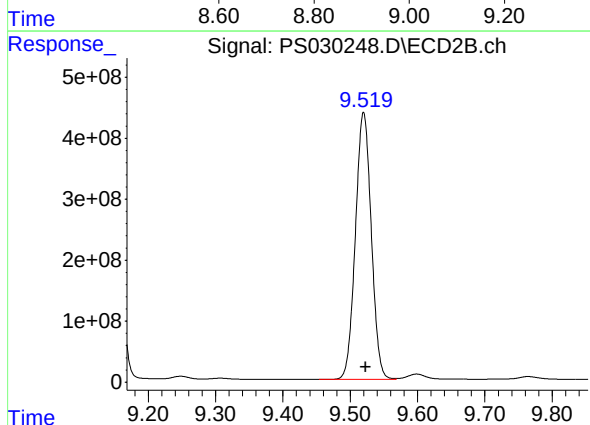
#11 2,4,5-TP (SILVEX)

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 11555609684
Conc: 713.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

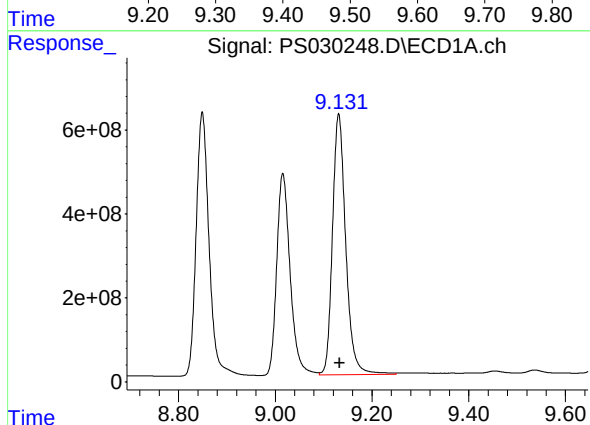
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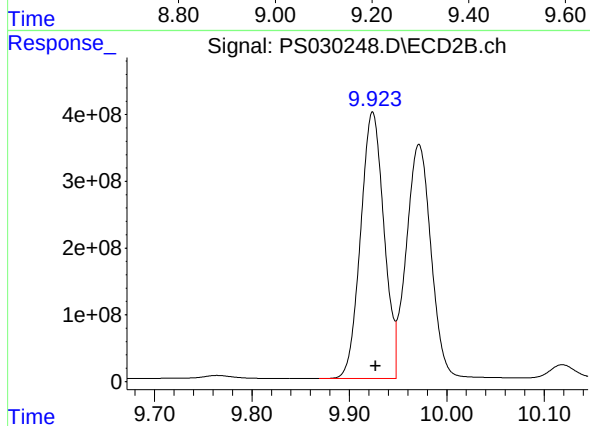
#11 2,4,5-TP (SILVEX)

R.T.: 9.520 min
Delta R.T.: -0.003 min
Response: 7160340461
Conc: 726.91 ng/ml



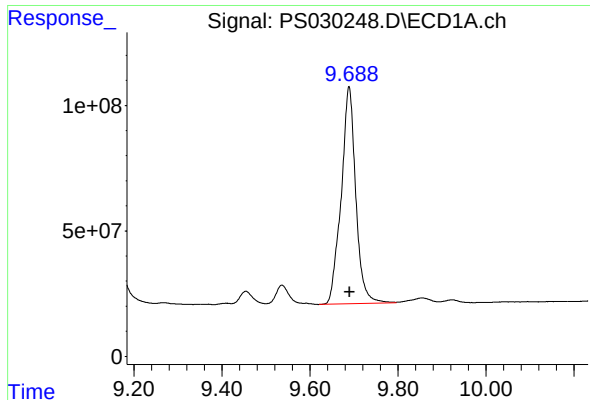
#12 2,4,5-T

R.T.: 9.131 min
Delta R.T.: -0.002 min
Response: 11841834096
Conc: 717.03 ng/ml



#12 2,4,5-T

R.T.: 9.924 min
Delta R.T.: -0.003 min
Response: 6652841706
Conc: 722.85 ng/ml



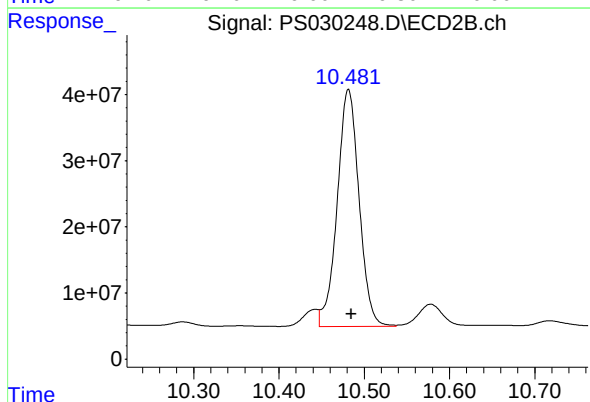
#13 2,4-DB

R.T.: 9.689 min
Delta R.T.: -0.001 min
Response: 1996140535
Conc: 764.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

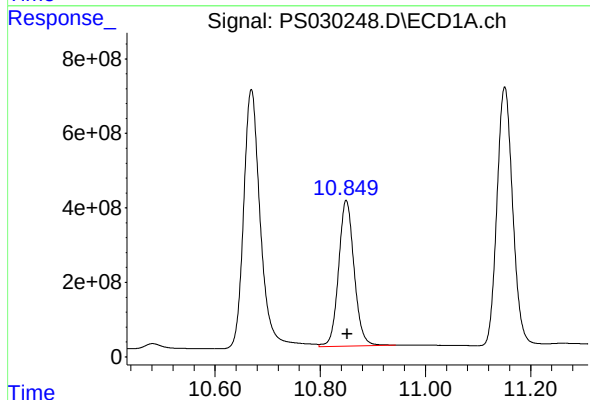
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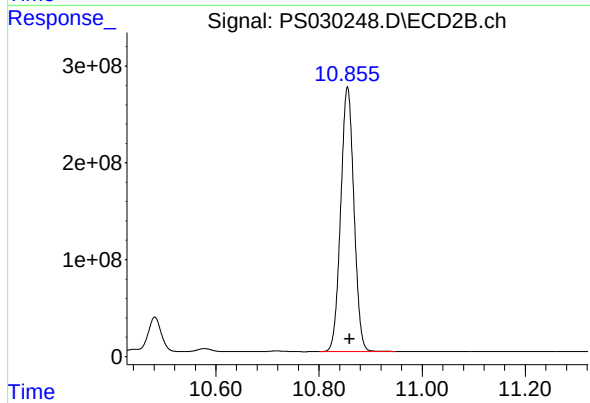
#13 2,4-DB

R.T.: 10.481 min
Delta R.T.: -0.004 min
Response: 639555758
Conc: 644.47 ng/ml



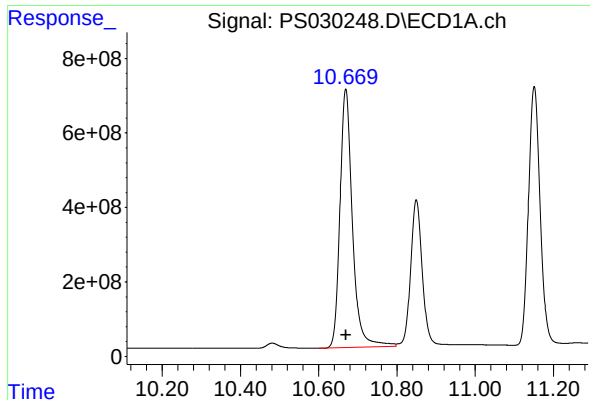
#14 DINOSEB

R.T.: 10.849 min
Delta R.T.: -0.002 min
Response: 8004056714
Conc: 699.88 ng/ml



#14 DINOSEB

R.T.: 10.855 min
Delta R.T.: -0.004 min
Response: 4864476280
Conc: 712.02 ng/ml



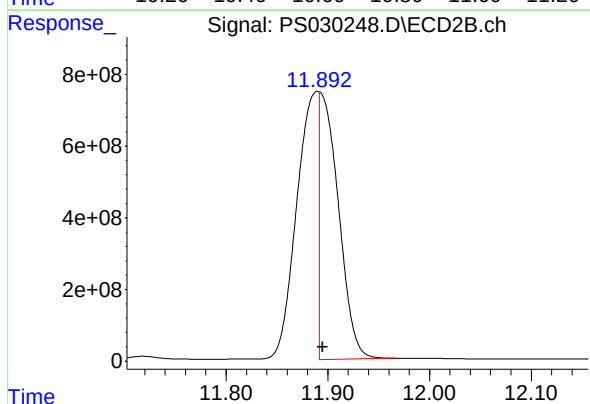
#15 Picloram

R.T.: 10.669 min
Delta R.T.: -0.001 min
Response: 15349601387
Conc: 717.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

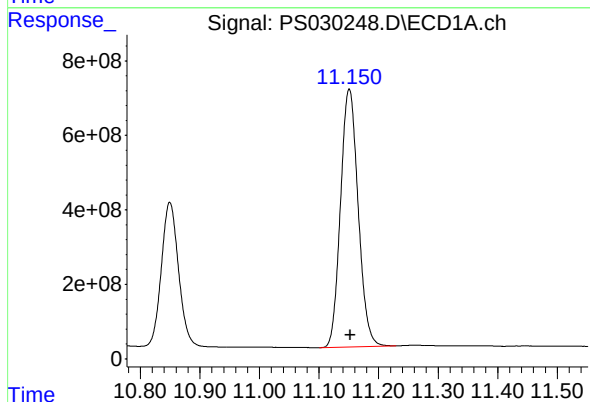
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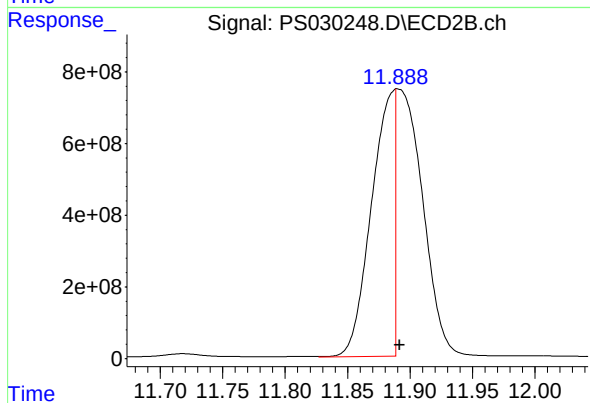
#15 Picloram

R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 9602507110
Conc: 682.33 ng/ml m



#16 DCPA

R.T.: 11.151 min
Delta R.T.: -0.002 min
Response: 14243444459
Conc: 715.34 ng/ml



#16 DCPA

R.T.: 11.888 min
Delta R.T.: -0.003 min
Response: 9839334814
Conc: 728.27 ng/ml m