

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041625\
 Data File : PS029823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2025 16:48
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/17/2025
 Supervised By : mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:20:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.953	7.476	1588.4E6	502.0E6	779.069	736.661
Target Compounds							
1) T	Dalapon	2.455	2.531	2550.3E6	1097.2E6	751.760	691.087
2) T	3,5-DICHL...	6.156	6.471	2281.3E6	648.9E6	758.464	672.024
3) T	4-Nitroph...	6.744	7.010	1049.9E6	481.5E6	747.385	679.085
5) T	DICAMBA	7.130	7.663	6393.2E6	2656.5E6	768.234	719.263
6) T	MCP	7.308	7.769	408.2E6	115.8E6	75.323	68.597
7) T	MCPA	7.450	8.000	543.3E6	150.5E6	74.745m	66.162
8) T	DICHLORPROP	7.810	8.357	1576.3E6	667.7E6	716.702	691.080
9) T	2,4-D	8.031	8.672	1765.9E6	740.4E6	732.852	686.520
10) T	Pentachlo...	8.310	9.174	22709.9E6	13696.3E6	746.914	763.975
11) T	2,4,5-TP ...	8.875	9.553	8982.8E6	5454.6E6	773.354	756.221
12) T	2,4,5-T	9.157	9.959	9070.4E6	5106.4E6	788.424	761.825
13) T	2,4-DB	9.716	10.518	1486.7E6	511.9E6	818.330m	689.922m
14) T	DINOSEB	10.882	10.892	6515.3E6	3745.3E6	771.763	732.533
15) T	Picloram	10.700	11.935	11834.0E6	9125.5E6	763.463	771.754m
16) T	DCPA	11.182	11.930	11109.4E6	7294.4E6	795.454	824.169m

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

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Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

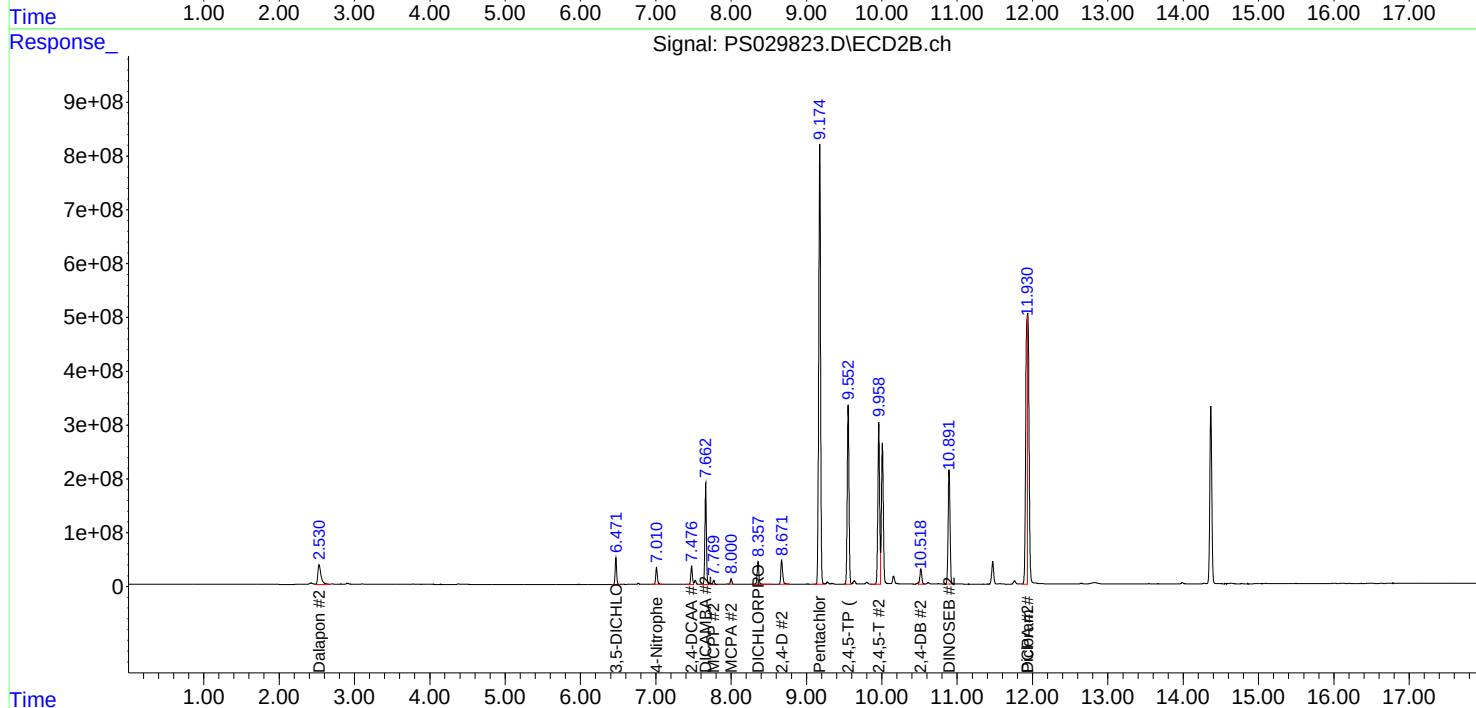
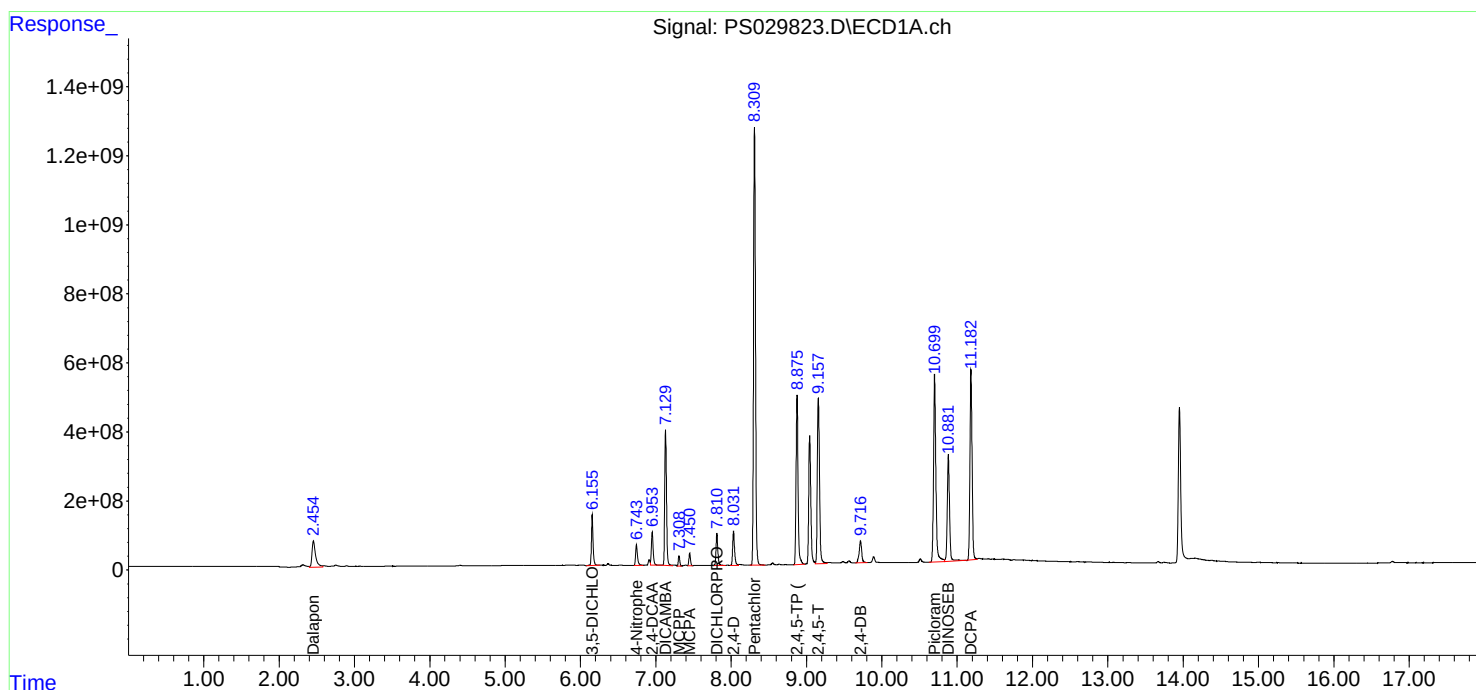
Instrument :
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ClientSampleId :
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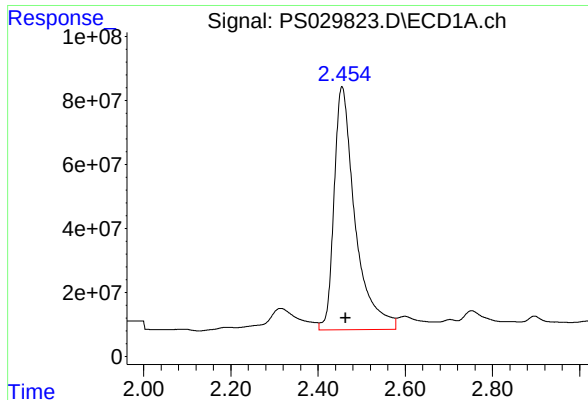
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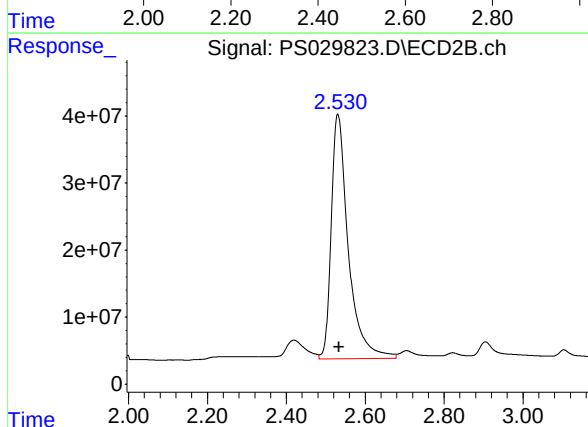
#1 Dalapon

R.T.: 2.455 min
Delta R.T.: -0.008 min
Response: 2550268815
Conc: 751.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

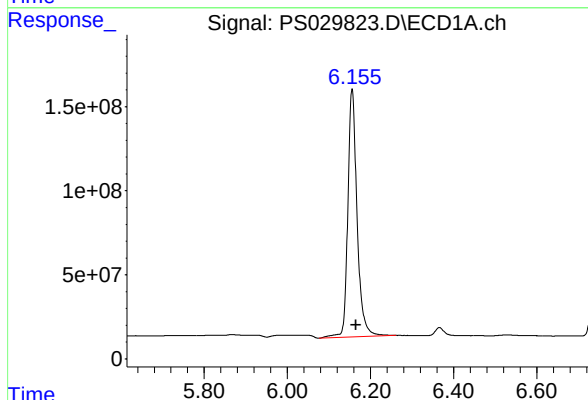
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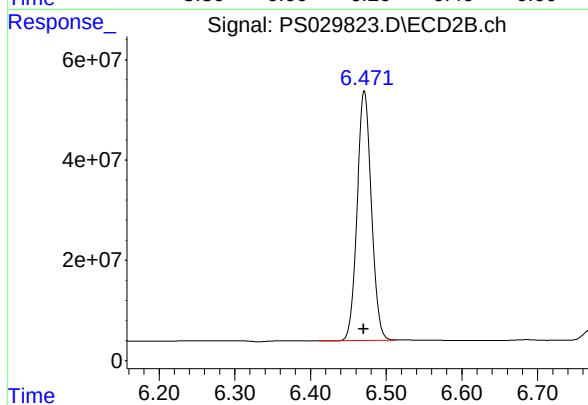
#1 Dalapon

R.T.: 2.531 min
Delta R.T.: -0.003 min
Response: 1097166140
Conc: 691.09 ng/ml



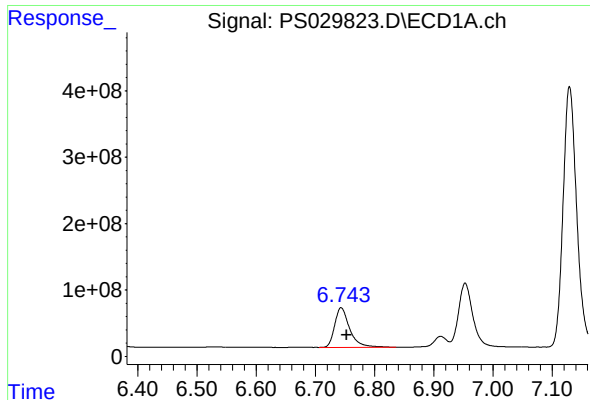
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.156 min
Delta R.T.: -0.009 min
Response: 2281277862
Conc: 758.46 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 648877252
Conc: 672.02 ng/ml



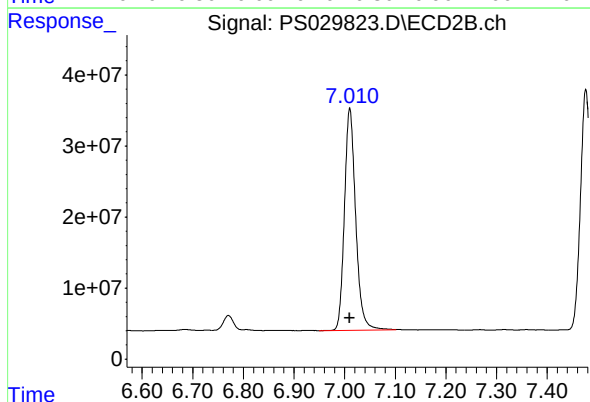
#3 4-Nitrophenol

R.T.: 6.744 min
Delta R.T.: -0.009 min
Response: 1049925142
Conc: 747.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

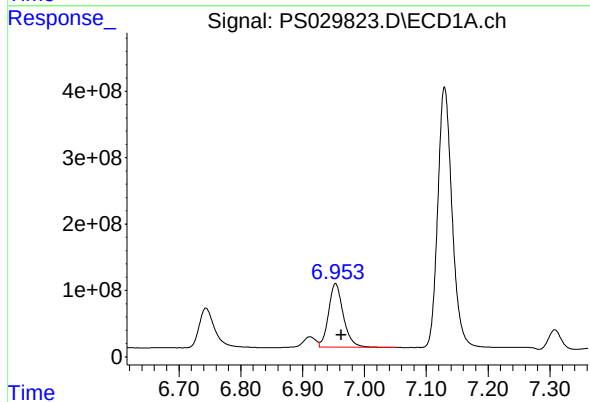
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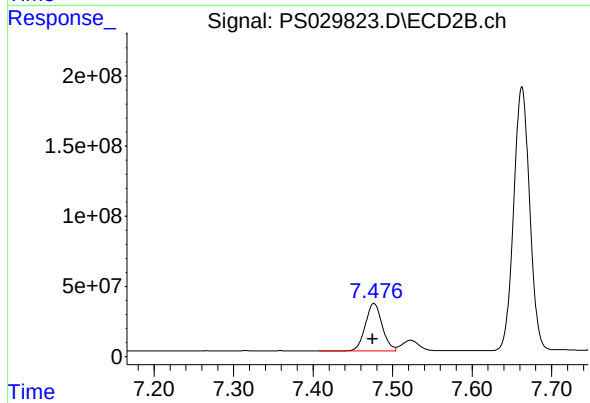
#3 4-Nitrophenol

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 481469957
Conc: 679.08 ng/ml



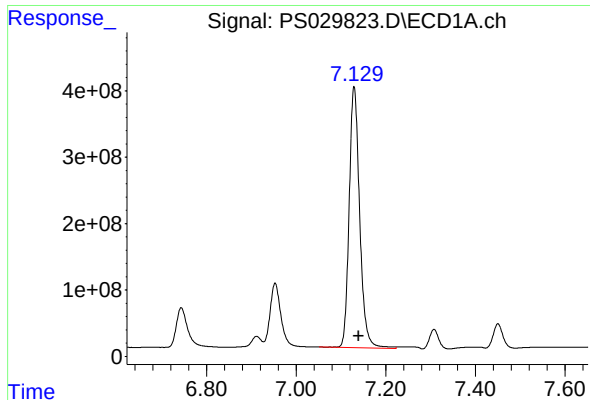
#4 2,4-DCAA

R.T.: 6.953 min
Delta R.T.: -0.009 min
Response: 1588390537
Conc: 779.07 ng/ml



#4 2,4-DCAA

R.T.: 7.476 min
Delta R.T.: 0.002 min
Response: 502044190
Conc: 736.66 ng/ml



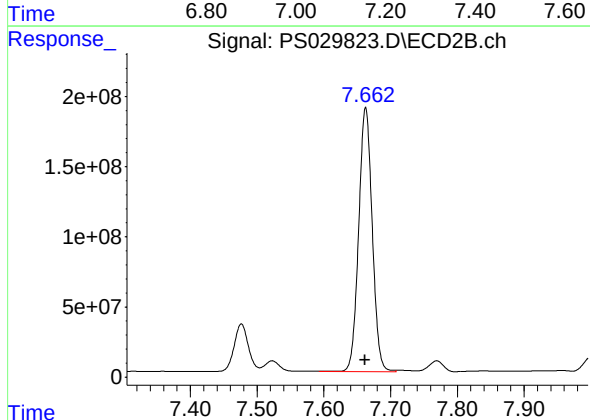
#5 DICAMBA

R.T.: 7.130 min
Delta R.T.: -0.010 min
Response: 6393197126
Conc: 768.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

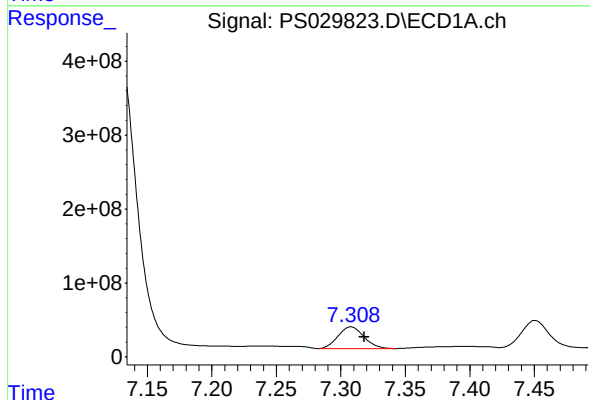
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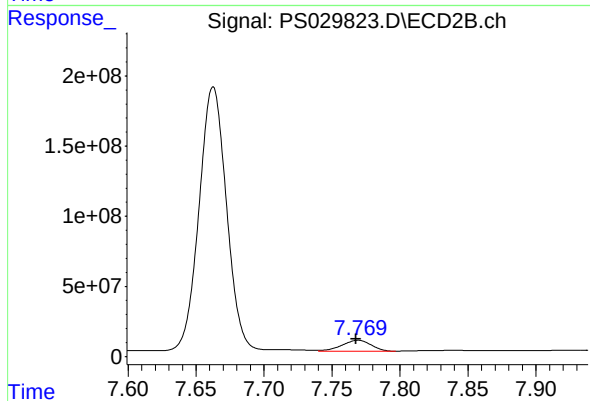
#5 DICAMBA

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 2656503530
Conc: 719.26 ng/ml



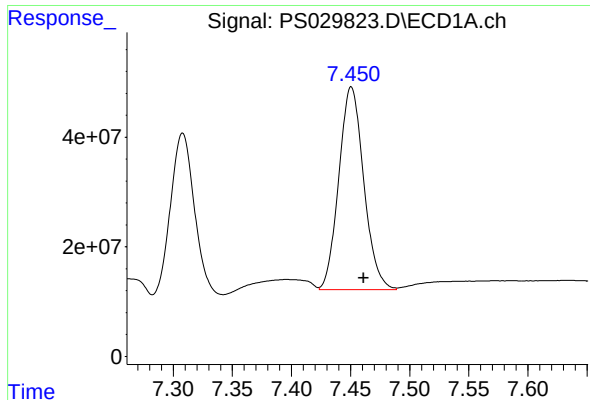
#6 MCPP

R.T.: 7.308 min
Delta R.T.: -0.010 min
Response: 408241436
Conc: 75.32 ug/ml



#6 MCPP

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 115823703
Conc: 68.60 ug/ml



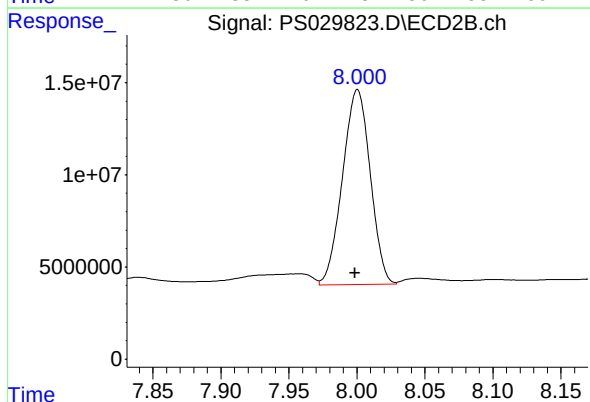
#7 MCPA

R.T.: 7.450 min
Delta R.T.: -0.011 min
Response: 543324558
Conc: 74.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

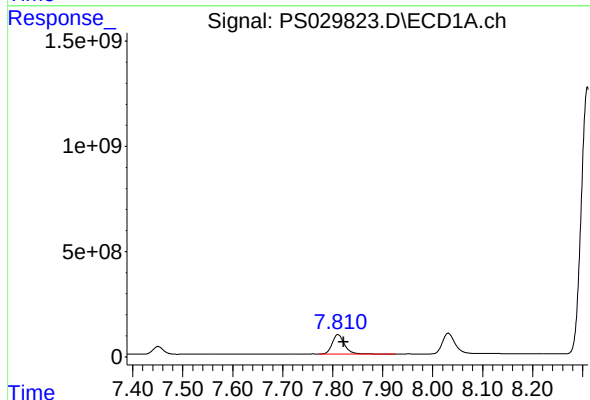
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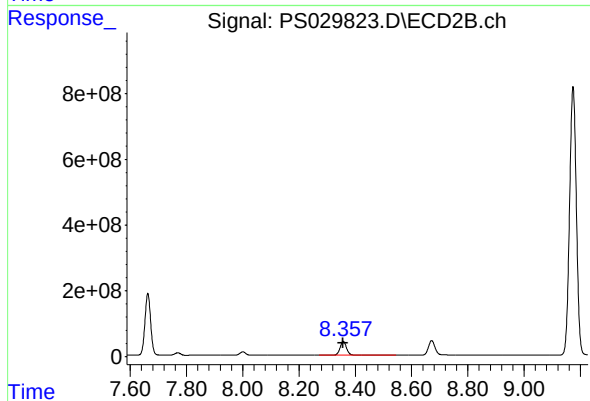
#7 MCPA

R.T.: 8.000 min
Delta R.T.: 0.002 min
Response: 150536188
Conc: 66.16 ug/ml



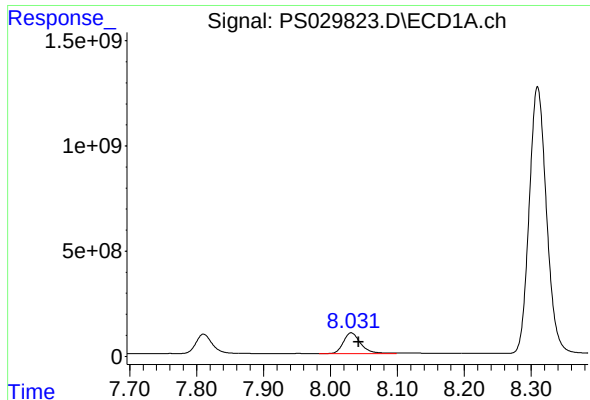
#8 DICHLORPROP

R.T.: 7.810 min
Delta R.T.: -0.012 min
Response: 1576342539
Conc: 716.70 ng/ml



#8 DICHLORPROP

R.T.: 8.357 min
Delta R.T.: 0.000 min
Response: 667688388
Conc: 691.08 ng/ml



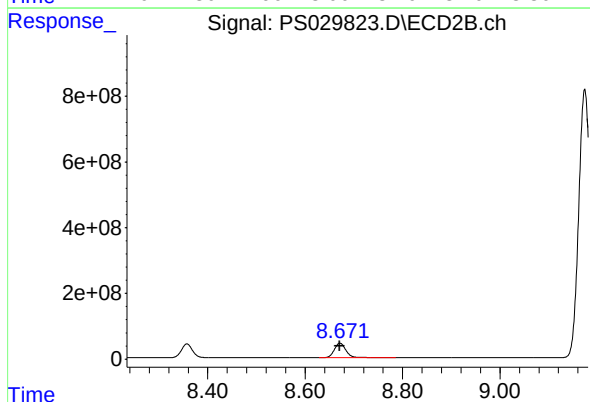
#9 2,4-D

R.T.: 8.031 min
Delta R.T.: -0.011 min
Response: 1765873806
Conc: 732.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

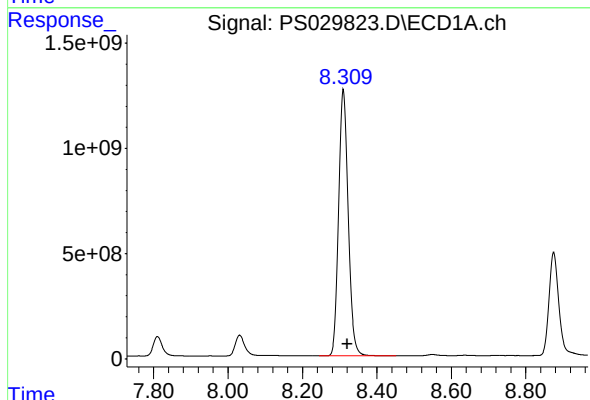
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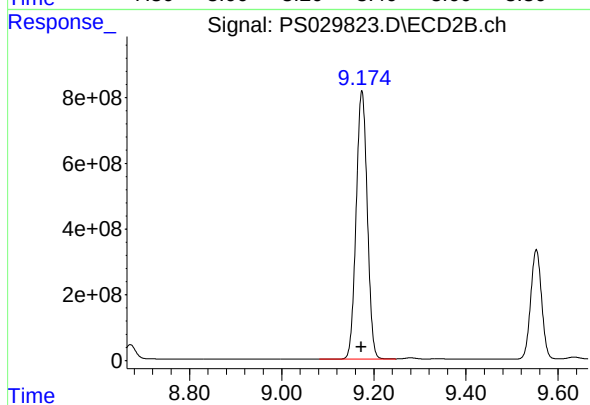
#9 2,4-D

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 740387896
Conc: 686.52 ng/ml



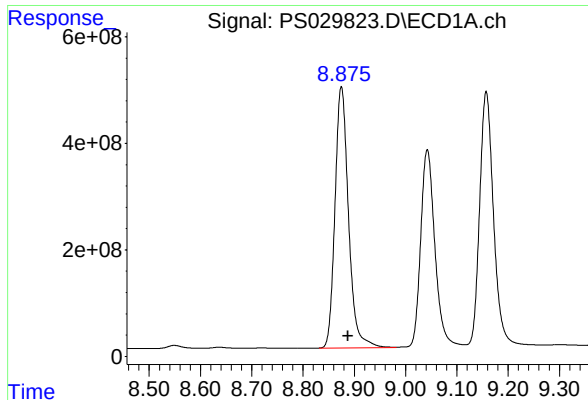
#10 Pentachlorophenol

R.T.: 8.310 min
Delta R.T.: -0.011 min
Response: 22709923804
Conc: 746.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.174 min
Delta R.T.: 0.000 min
Response: 13696337395
Conc: 763.98 ng/ml



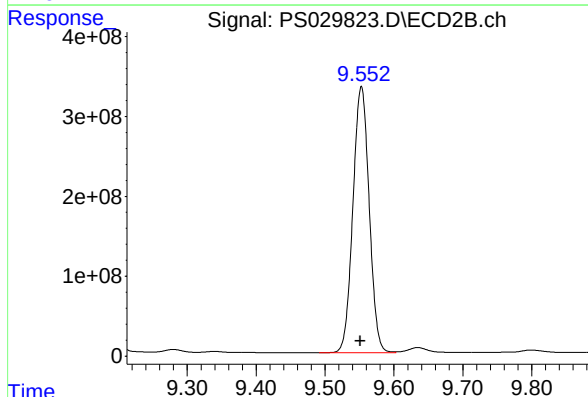
#11 2,4,5-TP (SILVEX)

R.T.: 8.875 min
Delta R.T.: -0.013 min
Response: 8982776270
Conc: 773.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

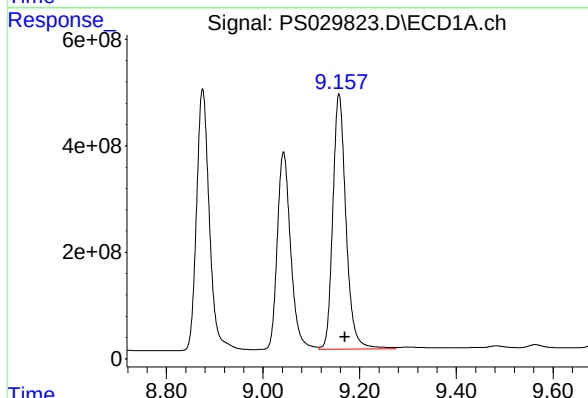
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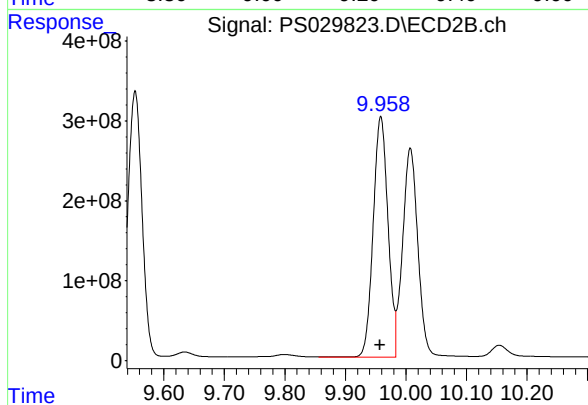
#11 2,4,5-TP (SILVEX)

R.T.: 9.553 min
Delta R.T.: 0.001 min
Response: 5454592768
Conc: 756.22 ng/ml



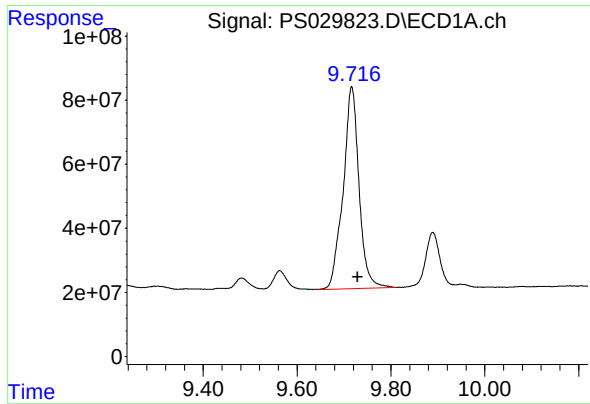
#12 2,4,5-T

R.T.: 9.157 min
Delta R.T.: -0.013 min
Response: 9070365072
Conc: 788.42 ng/ml



#12 2,4,5-T

R.T.: 9.959 min
Delta R.T.: 0.002 min
Response: 5106387925
Conc: 761.82 ng/ml



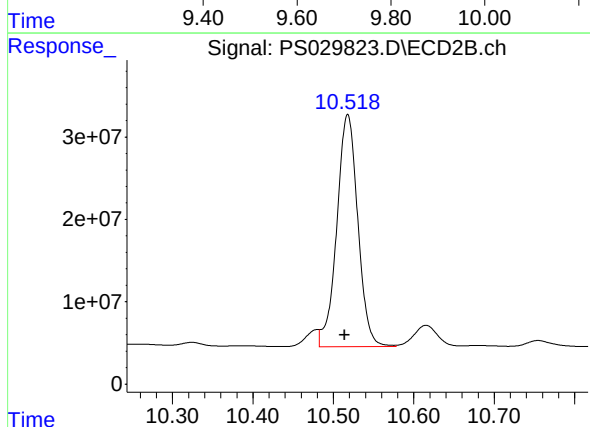
#13 2,4-DB

R.T.: 9.716 min
Delta R.T.: -0.014 min
Response: 1486695592
Conc: 818.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

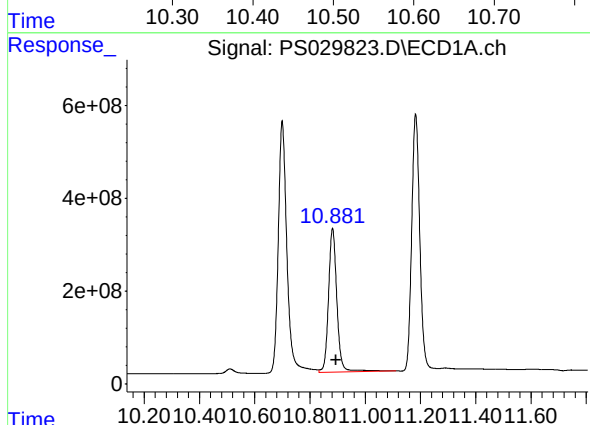
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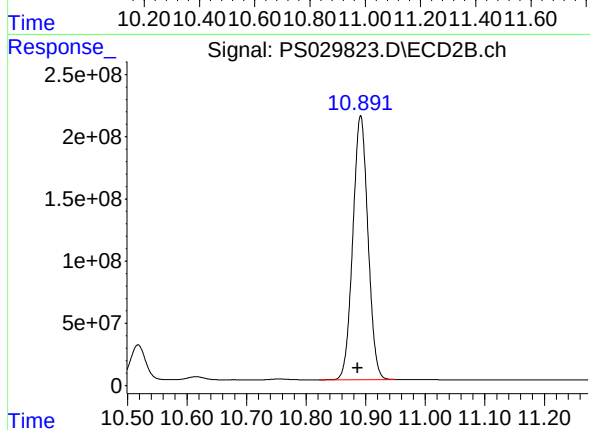
#13 2,4-DB

R.T.: 10.518 min
Delta R.T.: 0.004 min
Response: 511905187
Conc: 689.92 ng/ml



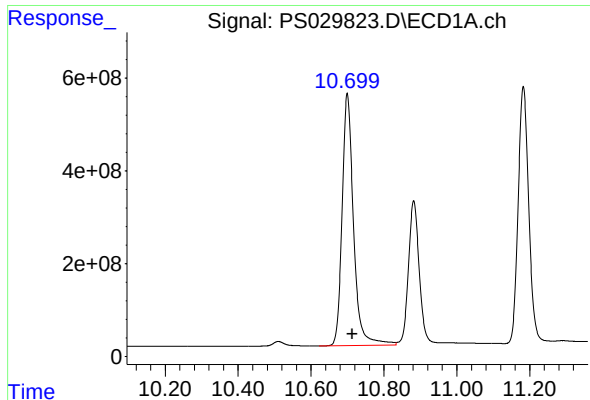
#14 DINOSEB

R.T.: 10.882 min
Delta R.T.: -0.013 min
Response: 6515253066
Conc: 771.76 ng/ml



#14 DINOSEB

R.T.: 10.892 min
Delta R.T.: 0.005 min
Response: 3745296165
Conc: 732.53 ng/ml



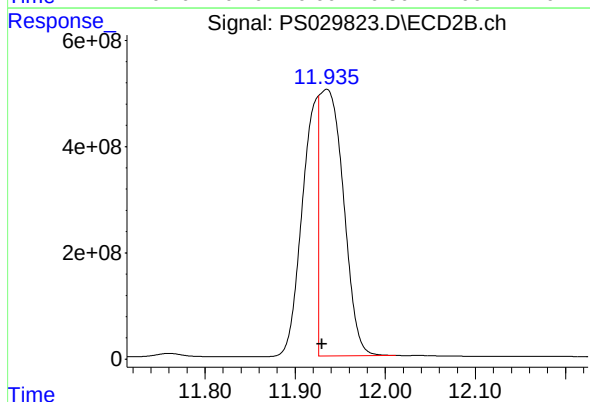
#15 Picloram

R.T.: 10.700 min
Delta R.T.: -0.014 min
Response: 11833975363
Conc: 763.46 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

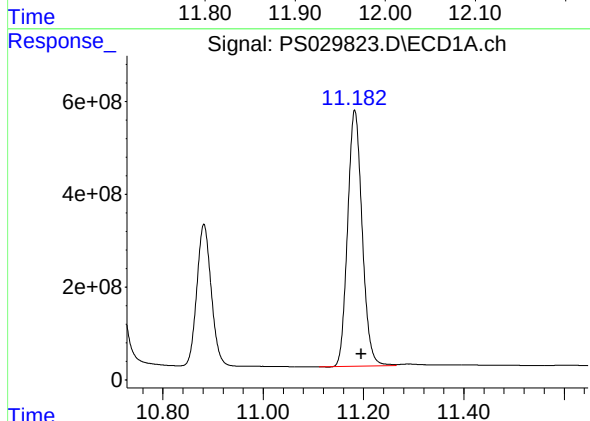
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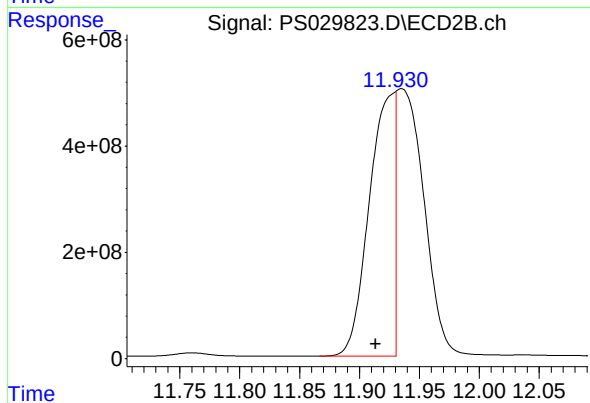
#15 Picloram

R.T.: 11.935 min
Delta R.T.: 0.005 min
Response: 9125548753
Conc: 771.75 ng/ml m



#16 DCPA

R.T.: 11.182 min
Delta R.T.: -0.013 min
Response: 11109402845
Conc: 795.45 ng/ml



#16 DCPA

R.T.: 11.930 min
Delta R.T.: 0.017 min
Response: 7294446128
Conc: 824.17 ng/ml m