

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032025\
 Data File : PS029486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2025 18:57
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 05:14:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:46:07 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 x0.5 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	7.149	7.584	3245.2E6	684.1E6	784.234	786.741
Target Compounds							
1) T	Dalapon	2.594	2.634	4207.5E6	1347.0E6	750.060	667.389
2) T	3,5-DICHL...	6.333	6.566	4278.1E6	970.3E6	735.277	727.803
3) T	4-Nitroph...	6.950	7.119	1459.2E6	528.8E6	773.785	734.604
5) T	DICAMBA	7.331	7.774	13227.9E6	3742.9E6	737.638	730.240
6) T	MCP	7.511	7.880	903.4E6	164.3E6	68.451	71.076
7) T	MCPA	7.660	8.116	1239.2E6	214.9E6	71.891	71.597
8) T	DICHLORPROP	8.030	8.477	3386.4E6	887.7E6	733.367	733.428
9) T	2,4-D	8.260	8.800	3366.2E6	896.0E6	744.145	746.192
10) T	Pentachlo...	8.555	9.312	44101.3E6	17282.8E6	785.815	745.191
11) T	2,4,5-TP ...	9.124	9.687	18349.9E6	6703.5E6	742.684	746.138
12) T	2,4,5-T	9.415	10.099	18623.7E6	5888.4E6	747.700	755.458
13) T	2,4-DB	9.984	10.660	2842.4E6	566.8E6	777.568	753.267
14) T	DINOSEB	11.176	11.033	12738.1E6	4347.1E6	731.782	753.166
15) T	Picloram	10.992	12.100	21797.4E6	8278.9E6	723.576	729.481
16) T	DCPA	11.472	12.061	22241.2E6	9210.5E6	742.468m	770.347m

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

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Sample : HSTDCCC750
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ALS Vial : 5 Sample Multiplier: 1

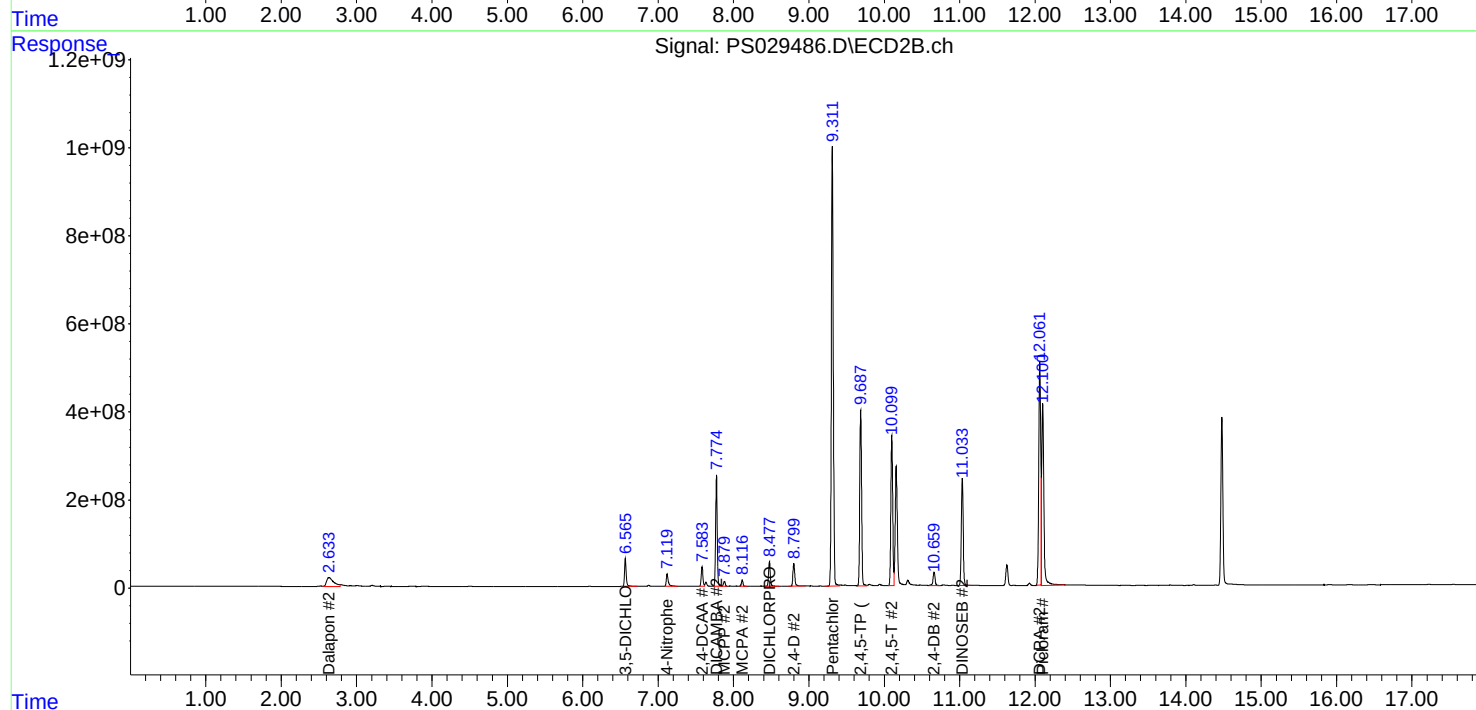
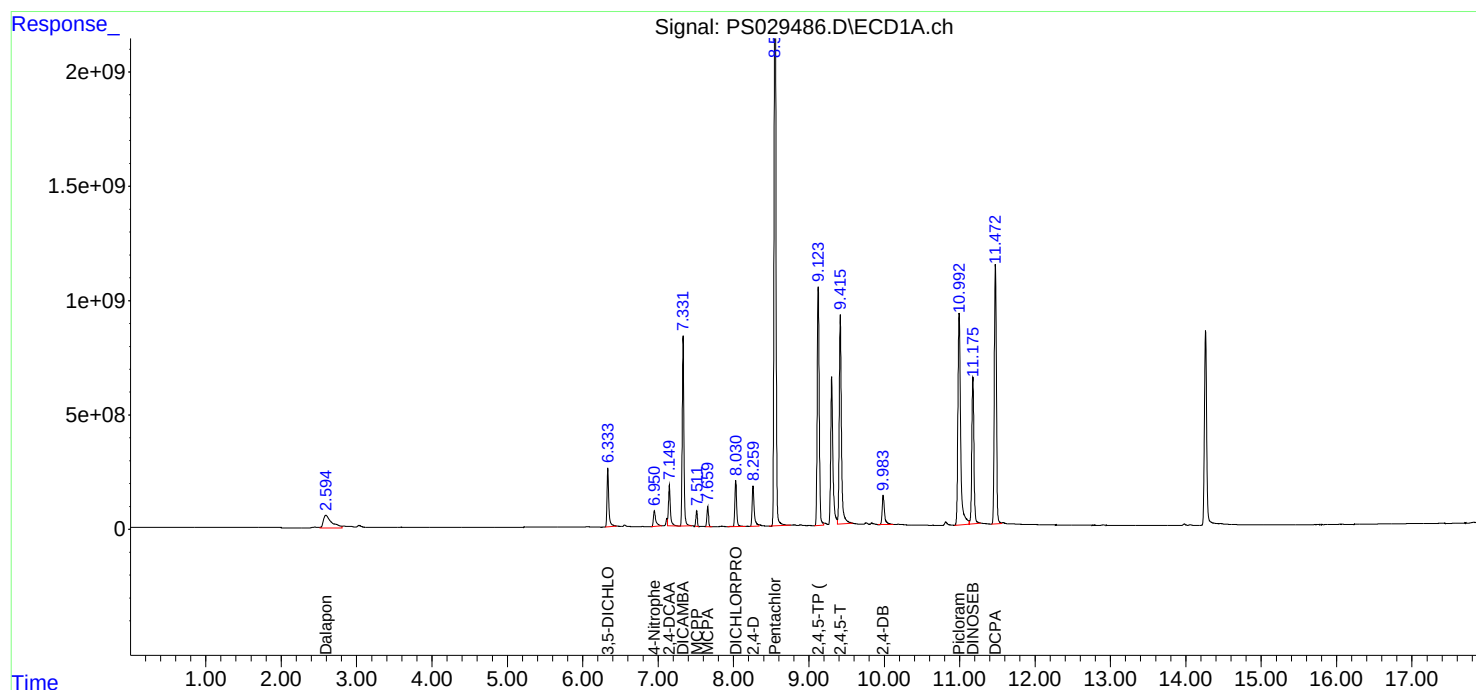
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

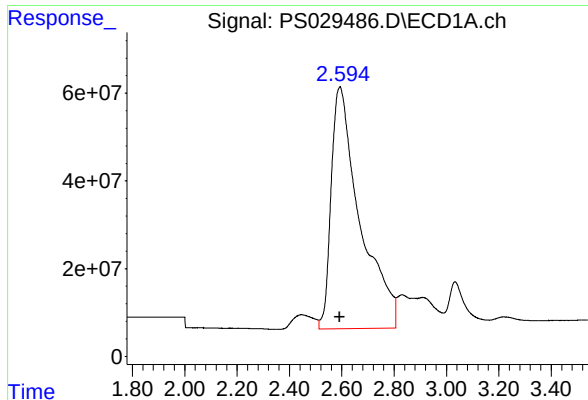
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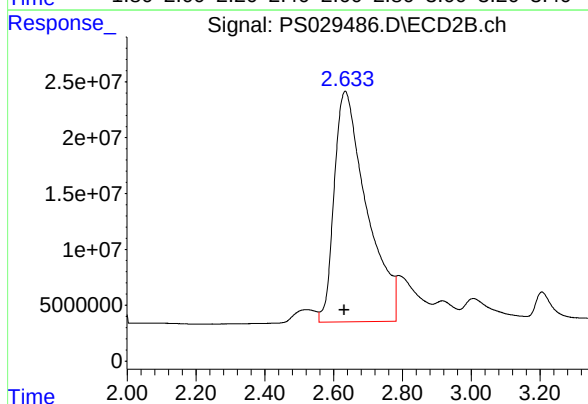
#1 Dalapon

R.T.: 2.594 min
Delta R.T.: 0.003 min
Response: 4207450603
Conc: 750.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

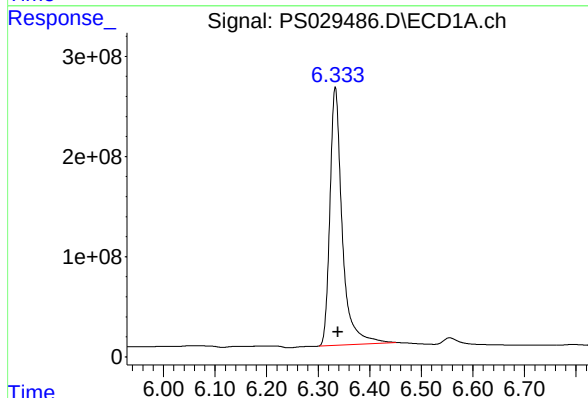
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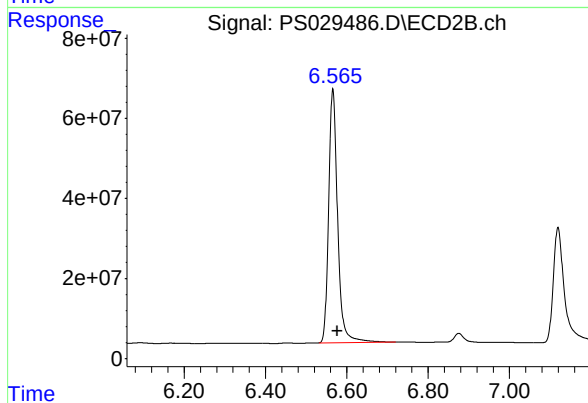
#1 Dalapon

R.T.: 2.634 min
Delta R.T.: 0.003 min
Response: 1346966819
Conc: 667.39 ng/ml



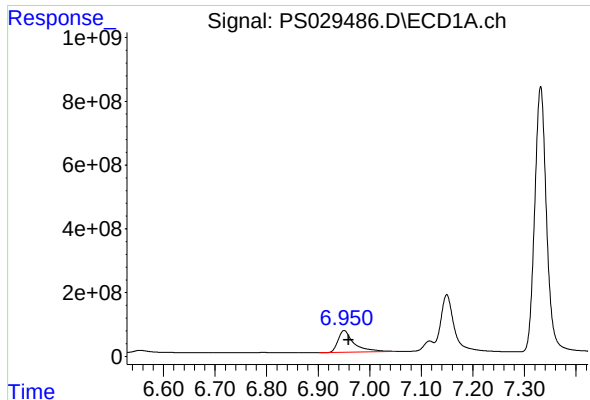
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 4278142956
Conc: 735.28 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.566 min
Delta R.T.: -0.011 min
Response: 970252488
Conc: 727.80 ng/ml



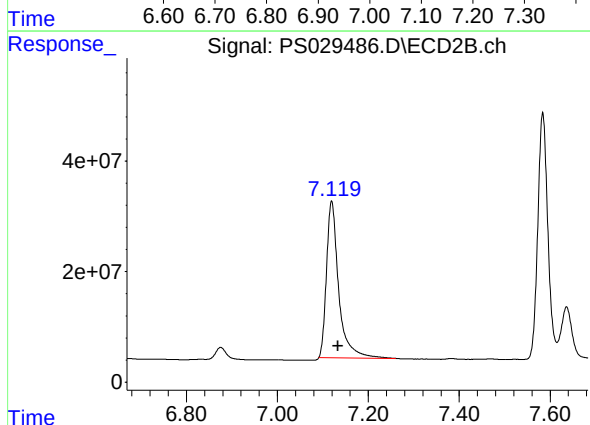
#3 4-Nitrophenol

R.T.: 6.950 min
Delta R.T.: -0.009 min
Response: 1459209032
Conc: 773.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

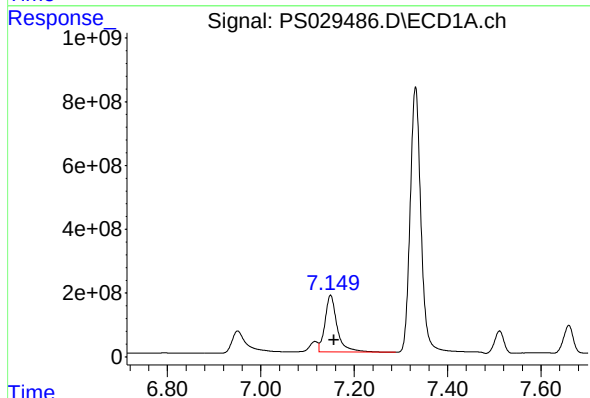
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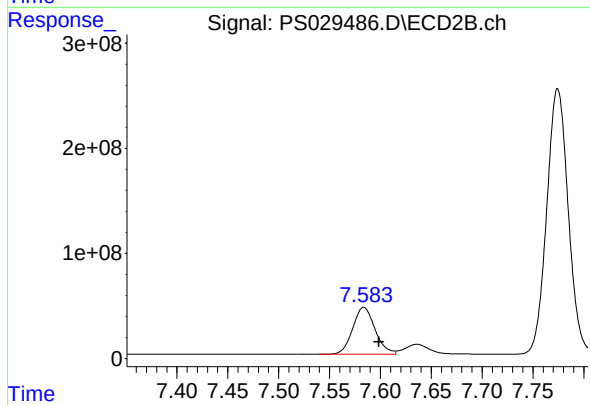
#3 4-Nitrophenol

R.T.: 7.119 min
Delta R.T.: -0.014 min
Response: 528817092
Conc: 734.60 ng/ml



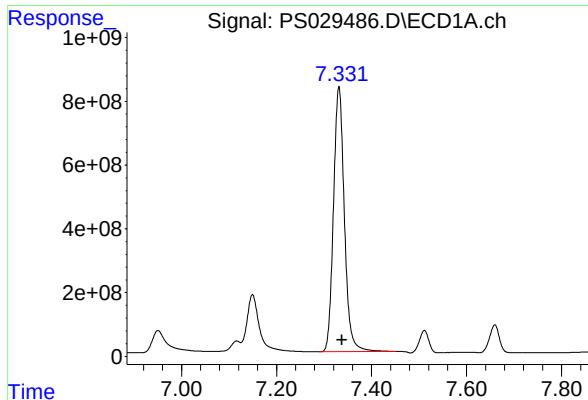
#4 2,4-DCAA

R.T.: 7.149 min
Delta R.T.: -0.008 min
Response: 3245177476
Conc: 784.23 ng/ml



#4 2,4-DCAA

R.T.: 7.584 min
Delta R.T.: -0.015 min
Response: 684063860
Conc: 786.74 ng/ml



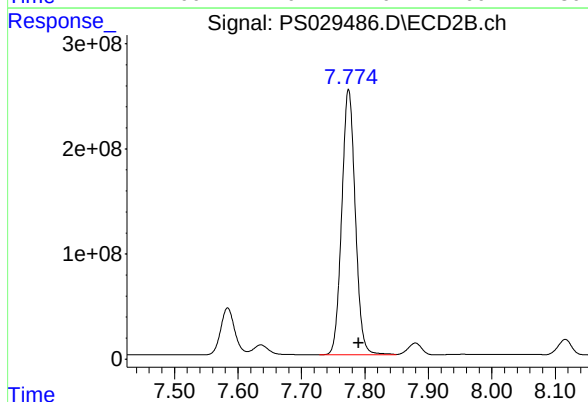
#5 DICAMBA

R.T.: 7.331 min
Delta R.T.: -0.006 min
Response: 13227898824
Conc: 737.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

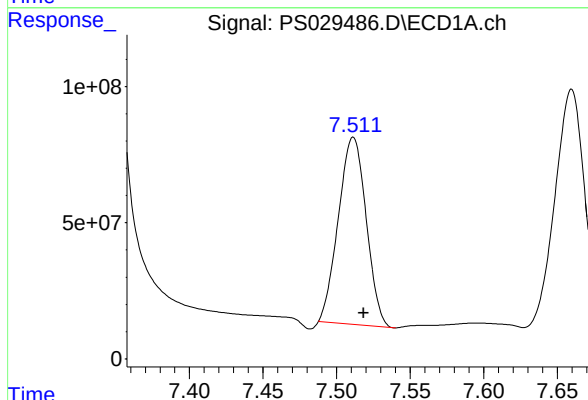
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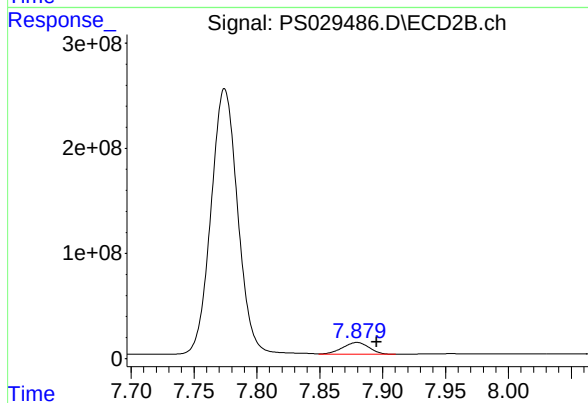
#5 DICAMBA

R.T.: 7.774 min
Delta R.T.: -0.016 min
Response: 3742868003
Conc: 730.24 ng/ml



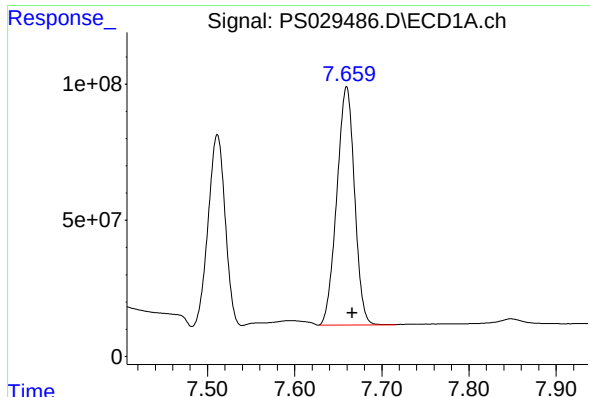
#6 MCPP

R.T.: 7.511 min
Delta R.T.: -0.007 min
Response: 903442066
Conc: 68.45 ug/ml



#6 MCPP

R.T.: 7.880 min
Delta R.T.: -0.016 min
Response: 164262381
Conc: 71.08 ug/ml



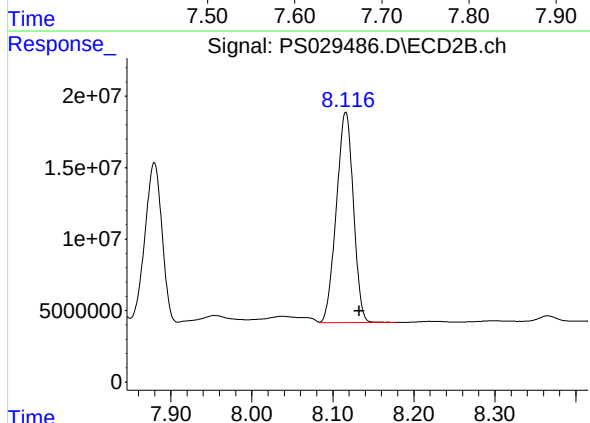
#7 MCPA

R.T.: 7.660 min
Delta R.T.: -0.007 min
Response: 1239214343
Conc: 71.89 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

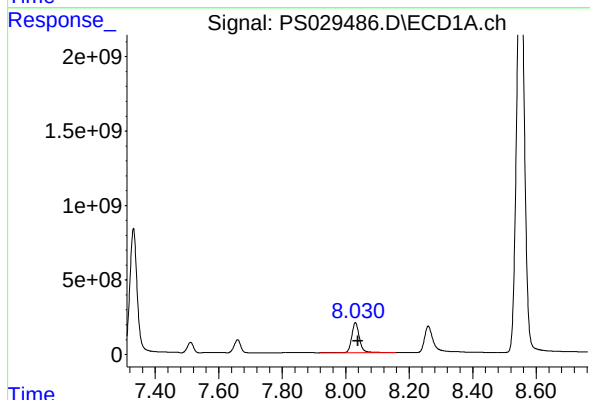
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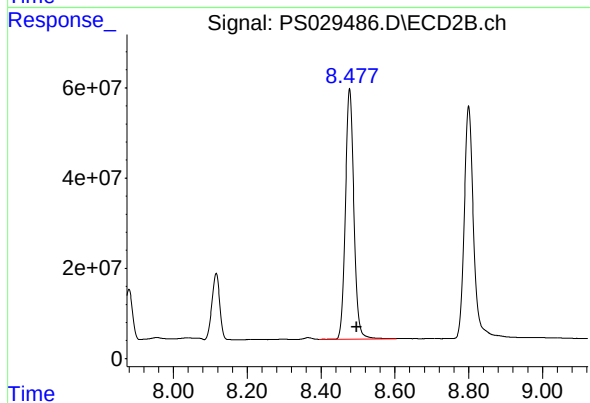
#7 MCPA

R.T.: 8.116 min
Delta R.T.: -0.017 min
Response: 214863858
Conc: 71.60 ug/ml



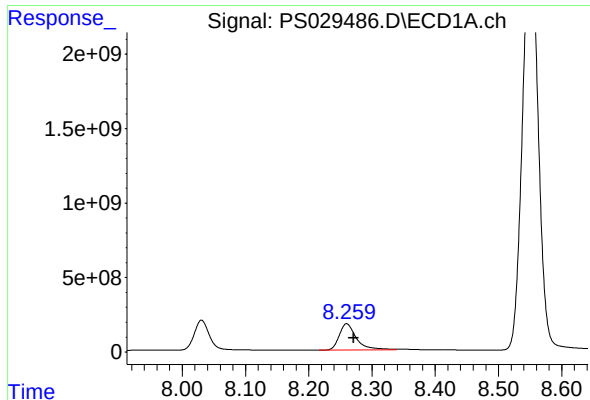
#8 DICHLORPROP

R.T.: 8.030 min
Delta R.T.: -0.008 min
Response: 3386407405
Conc: 733.37 ng/ml



#8 DICHLORPROP

R.T.: 8.477 min
Delta R.T.: -0.018 min
Response: 887654358
Conc: 733.43 ng/ml



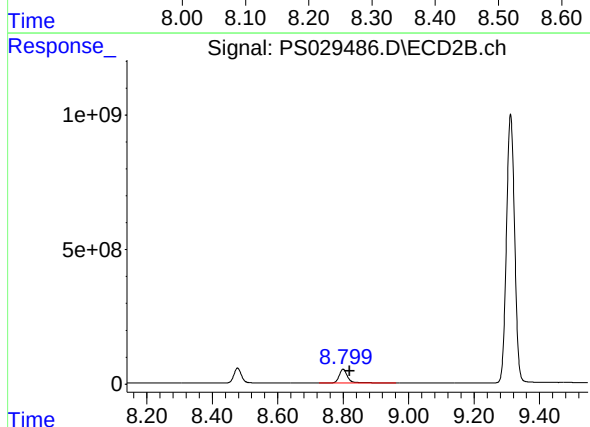
#9 2,4-D

R.T.: 8.260 min
Delta R.T.: -0.011 min
Response: 3366196280
Conc: 744.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

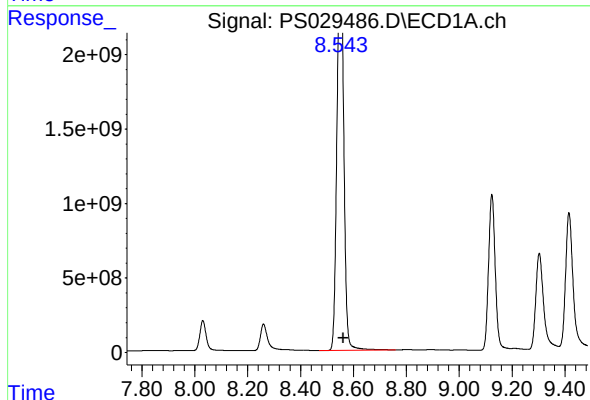
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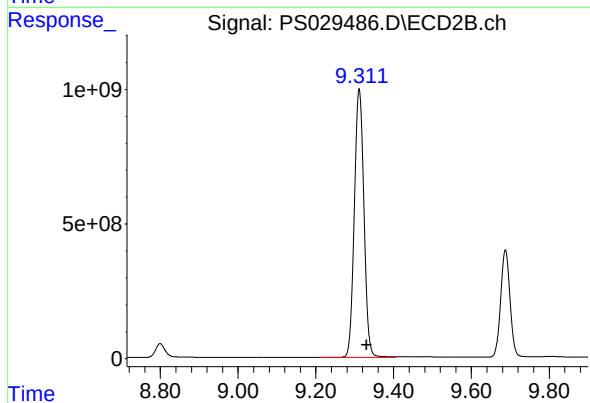
#9 2,4-D

R.T.: 8.800 min
Delta R.T.: -0.020 min
Response: 895999371
Conc: 746.19 ng/ml



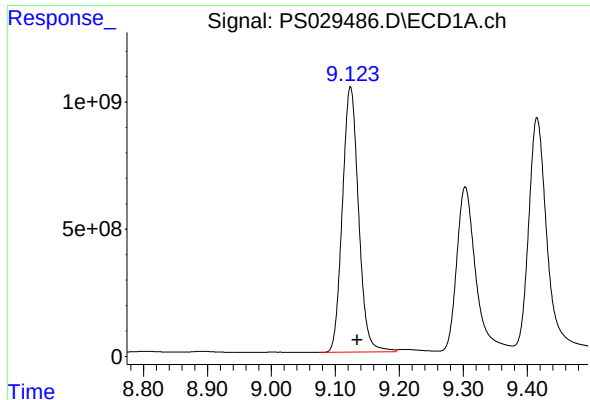
#10 Pentachlorophenol

R.T.: 8.555 min
Delta R.T.: -0.007 min
Response: 44101343385
Conc: 785.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.312 min
Delta R.T.: -0.020 min
Response: 17282768868
Conc: 745.19 ng/ml



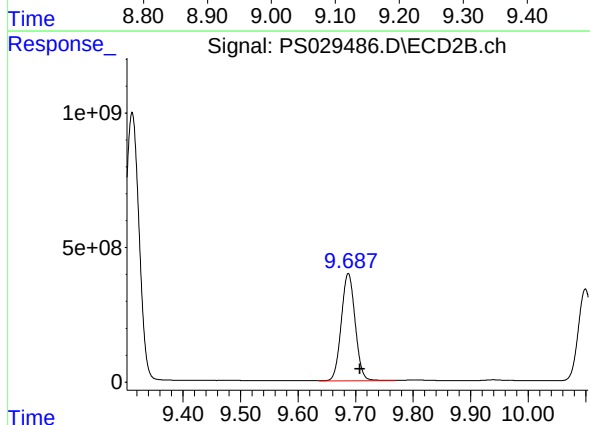
#11 2,4,5-TP (SILVEX)

R.T.: 9.124 min
Delta R.T.: -0.011 min
Response: 18349908249
Conc: 742.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

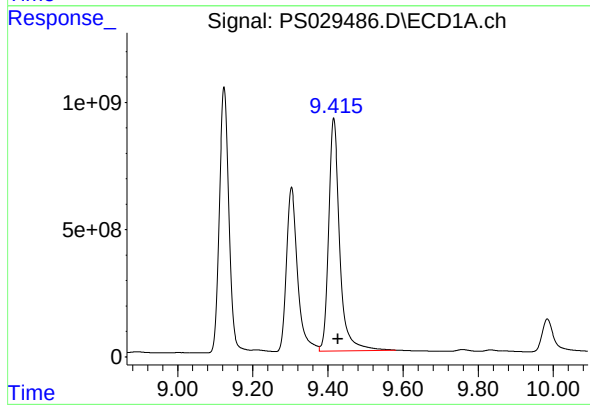
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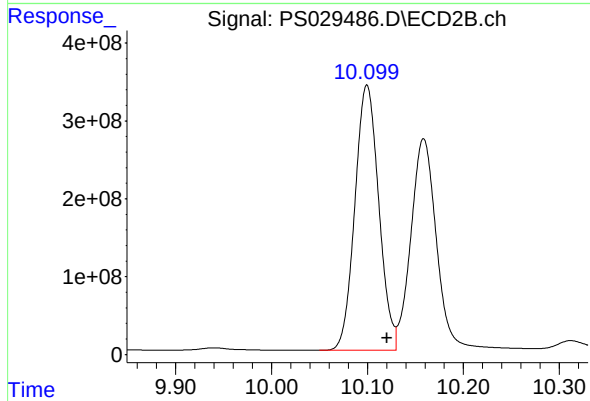
#11 2,4,5-TP (SILVEX)

R.T.: 9.687 min
Delta R.T.: -0.020 min
Response: 6703461666
Conc: 746.14 ng/ml



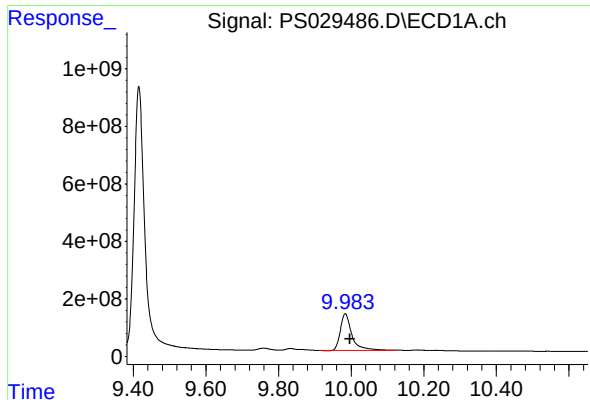
#12 2,4,5-T

R.T.: 9.415 min
Delta R.T.: -0.012 min
Response: 18623715629
Conc: 747.70 ng/ml



#12 2,4,5-T

R.T.: 10.099 min
Delta R.T.: -0.021 min
Response: 5888415118
Conc: 755.46 ng/ml



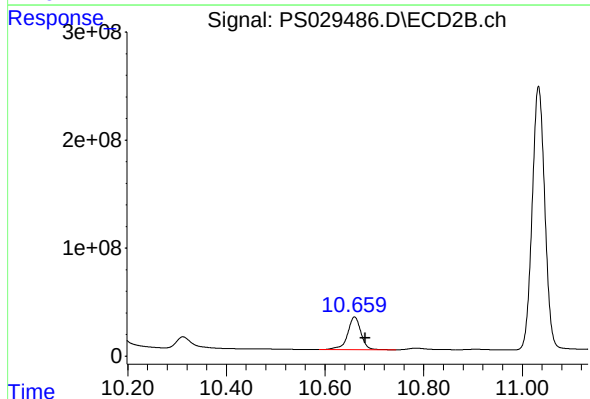
#13 2,4-DB

R.T.: 9.984 min
Delta R.T.: -0.013 min
Response: 2842362456
Conc: 777.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

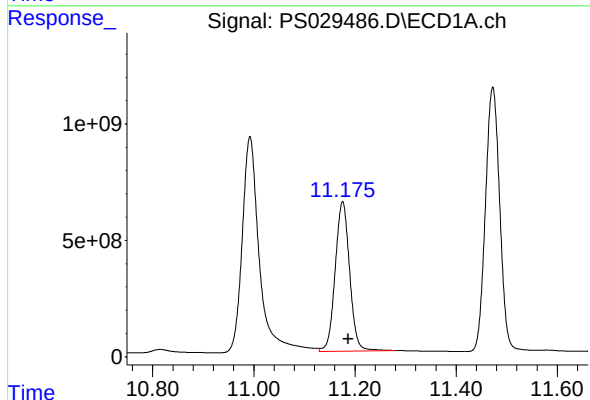
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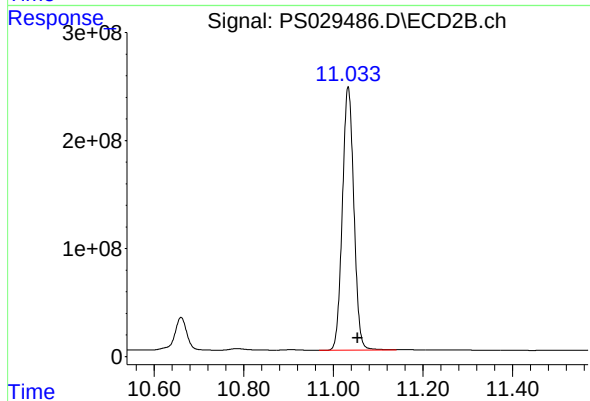
#13 2,4-DB

R.T.: 10.660 min
Delta R.T.: -0.021 min
Response: 566832406
Conc: 753.27 ng/ml



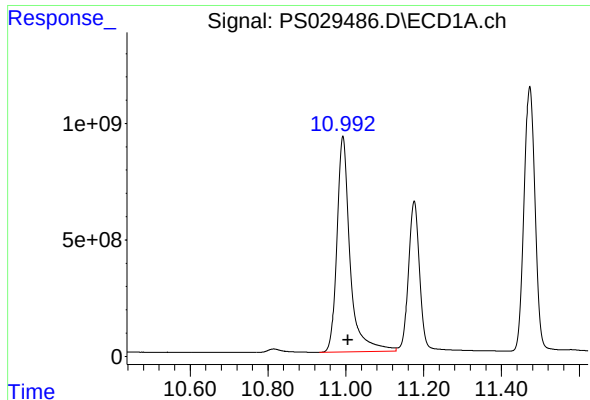
#14 DINOSEB

R.T.: 11.176 min
Delta R.T.: -0.011 min
Response: 12738141524
Conc: 731.78 ng/ml



#14 DINOSEB

R.T.: 11.033 min
Delta R.T.: -0.021 min
Response: 4347147823
Conc: 753.17 ng/ml



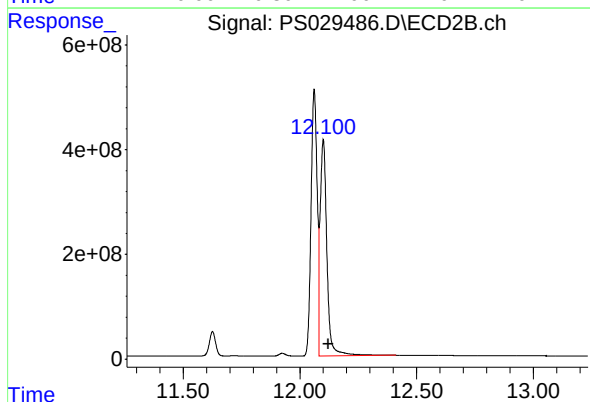
#15 Picloram

R.T.: 10.992 min
Delta R.T.: -0.013 min
Response: 21797376397
Conc: 723.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

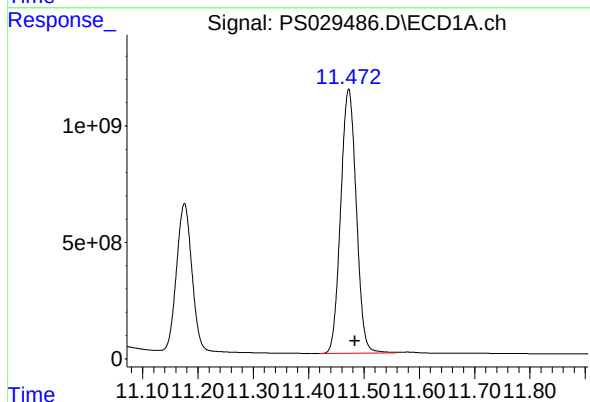
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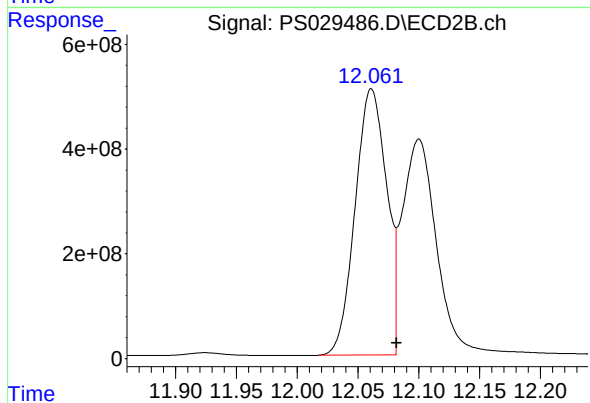
#15 Picloram

R.T.: 12.100 min
Delta R.T.: -0.022 min
Response: 8278850699
Conc: 729.48 ng/ml



#16 DCPA

R.T.: 11.472 min
Delta R.T.: -0.011 min
Response: 22241221130
Conc: 742.47 ng/ml m



#16 DCPA

R.T.: 12.061 min
Delta R.T.: -0.021 min
Response: 9210486564
Conc: 770.35 ng/ml m