

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040925\
 Data File : PS029764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 20:34
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 06:54:21 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 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	6.943	7.467	1509.7E6	520.8E6	740.473	764.180
Target Compounds							
1) T	Dalapon	2.459	2.530	2270.3E6	982.0E6	669.244	618.551
2) T	3,5-DICHL...	6.150	6.463	2272.0E6	675.1E6	755.368	699.143
3) T	4-Nitroph...	6.735	7.001	1077.2E6	477.9E6	766.819	674.069
5) T	DICAMBA	7.120	7.653	6271.4E6	2743.5E6	753.598	742.828
6) T	MCP	7.298	7.760	398.1E6	113.2E6	73.458	67.058
7) T	MCPA	7.440	7.990	566.4E6	163.4E6	77.923m	71.823
8) T	DICHLORPROP	7.800	8.346	1615.9E6	716.5E6	734.708	741.614
9) T	2,4-D	8.020	8.659	1743.0E6	761.2E6	723.345	705.848
10) T	Pentachlo...	8.299	9.161	22259.3E6	13838.9E6	732.094	771.928
11) T	2,4,5-TP ...	8.863	9.538	8538.3E6	5524.1E6	735.085	765.853
12) T	2,4,5-T	9.144	9.942	8905.6E6	5202.2E6	774.104	776.114
13) T	2,4-DB	9.702	10.499	1471.4E6	530.9E6	809.886	715.491
14) T	DINOSEB	10.866	10.871	6125.0E6	3708.9E6	725.532	725.419
15) T	Picloram	10.684	11.908	11393.6E6	7182.5E6	735.051	607.432m
16) T	DCPA	11.165	11.899	10799.7E6	6564.0E6	773.282	741.635m

(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

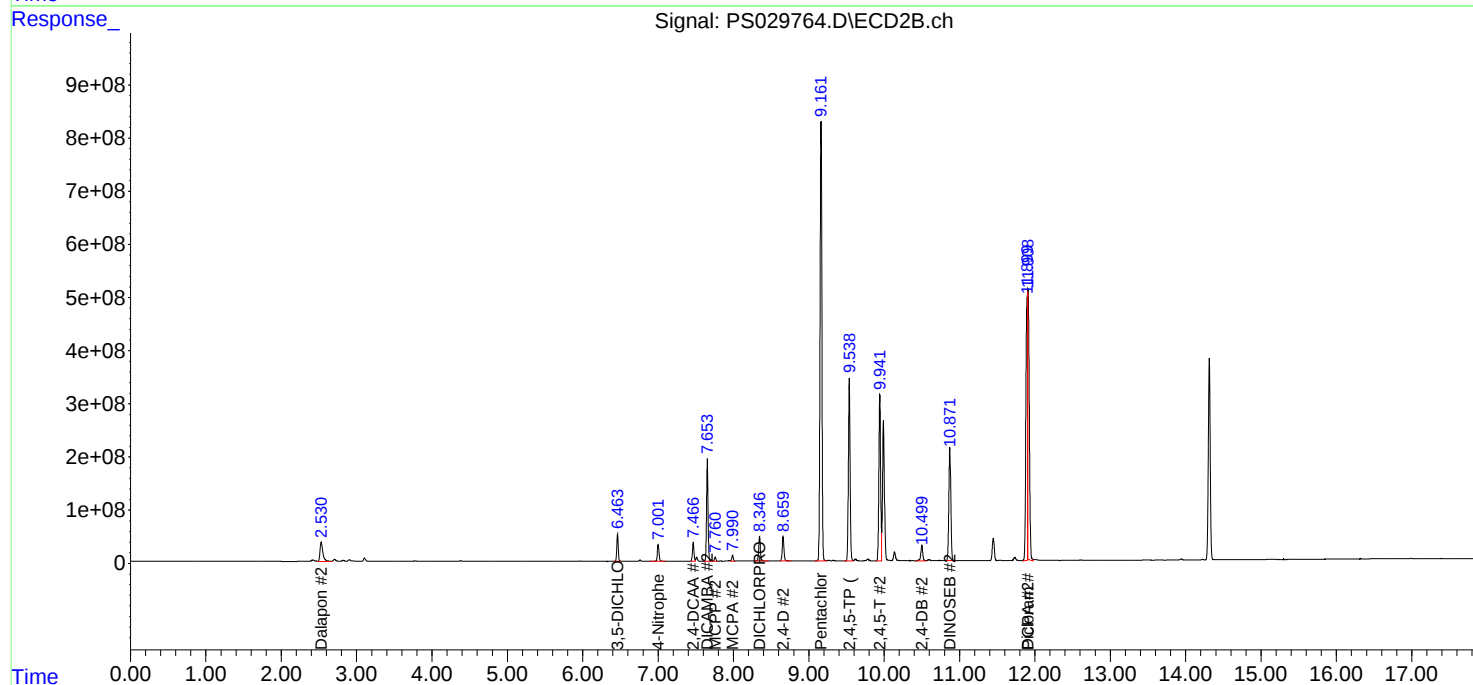
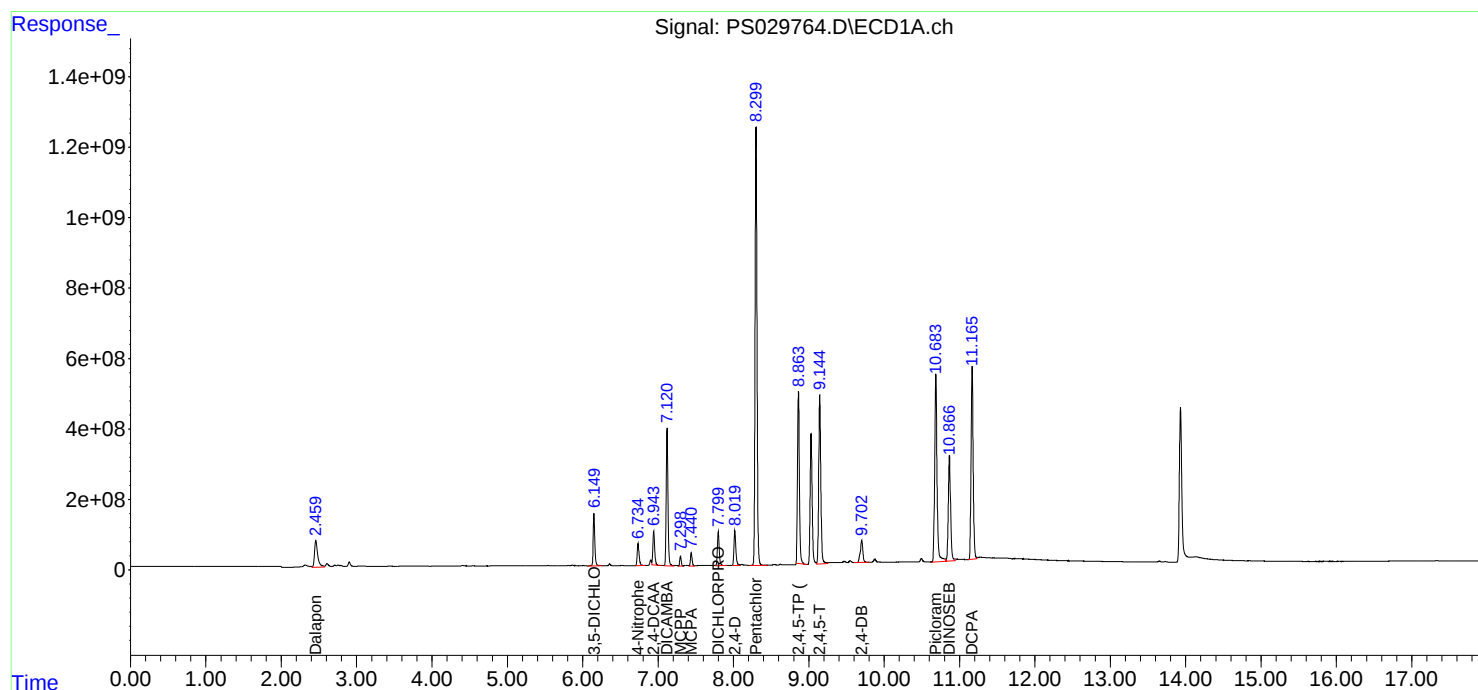
Instrument :
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ClientSampleId :
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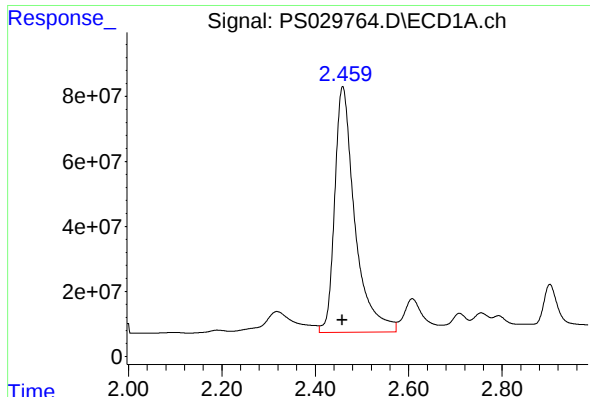
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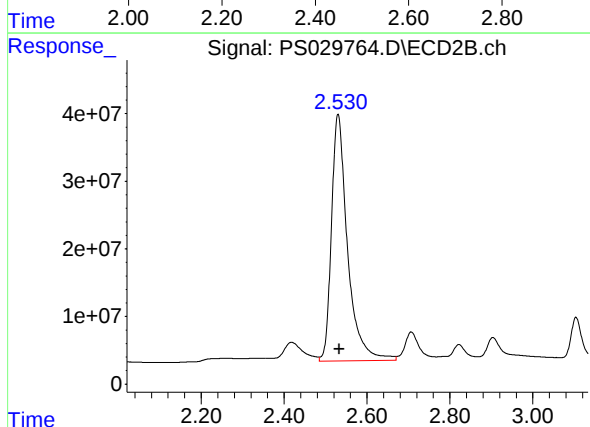
#1 Dalapon

R.T.: 2.459 min
Delta R.T.: 0.000 min
Response: 2270341859
Conc: 669.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

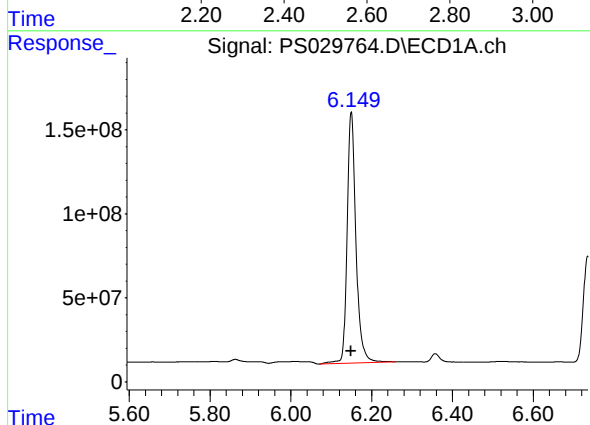
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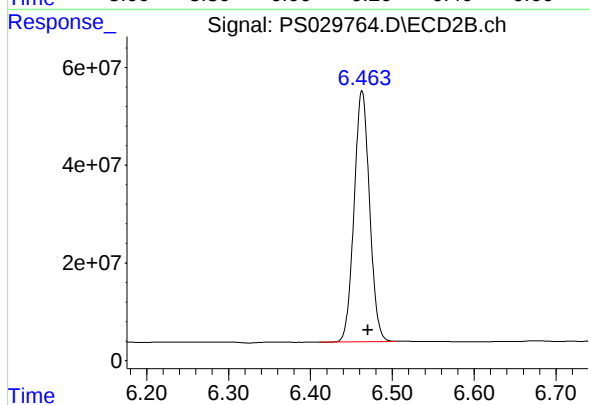
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 982008205
Conc: 618.55 ng/ml



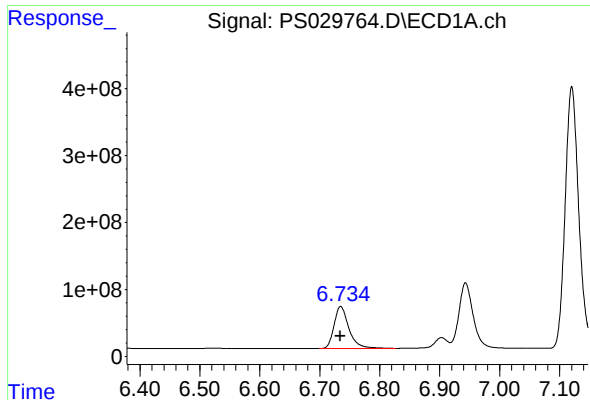
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 2271965841
Conc: 755.37 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: -0.007 min
Response: 675062340
Conc: 699.14 ng/ml



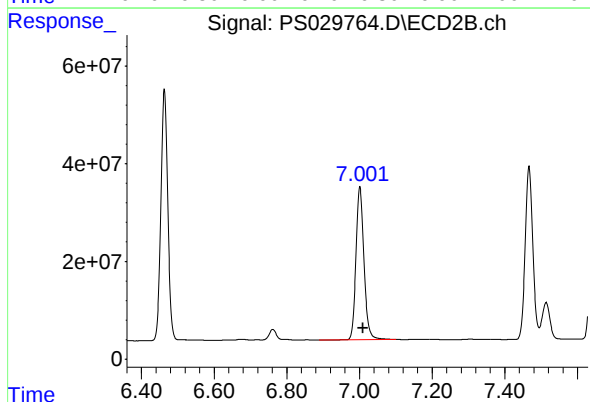
#3 4-Nitrophenol

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 1077227025
Conc: 766.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

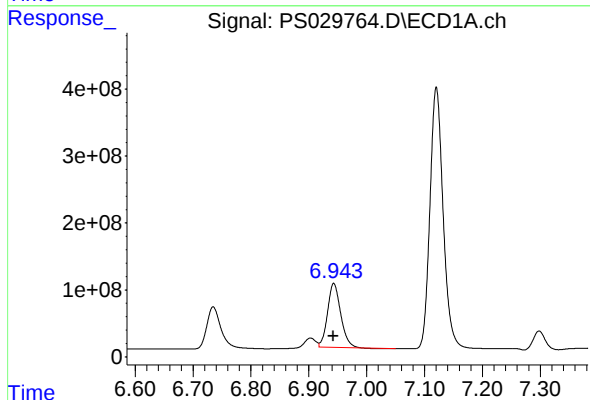
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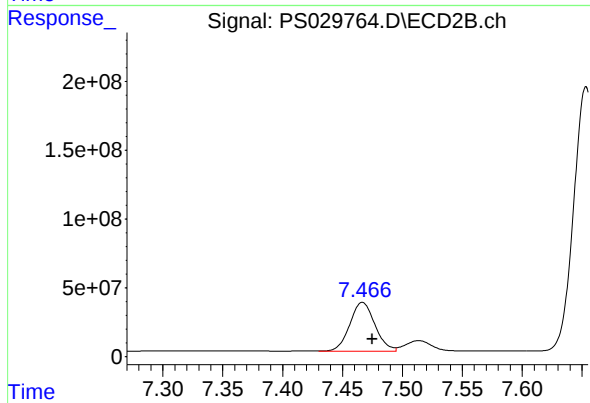
#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: -0.008 min
Response: 477913485
Conc: 674.07 ng/ml



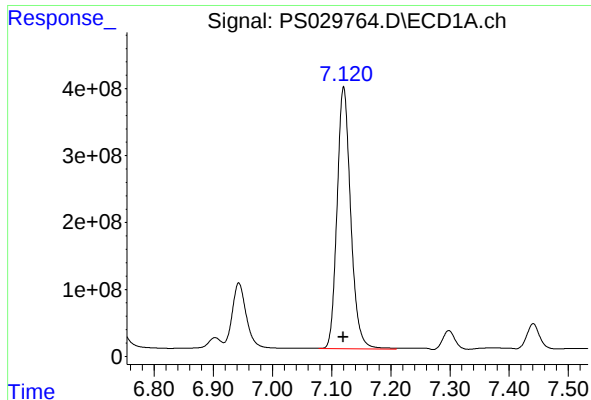
#4 2,4-DCAA

R.T.: 6.943 min
Delta R.T.: 0.001 min
Response: 1509699257
Conc: 740.47 ng/ml



#4 2,4-DCAA

R.T.: 7.467 min
Delta R.T.: -0.008 min
Response: 520798321
Conc: 764.18 ng/ml



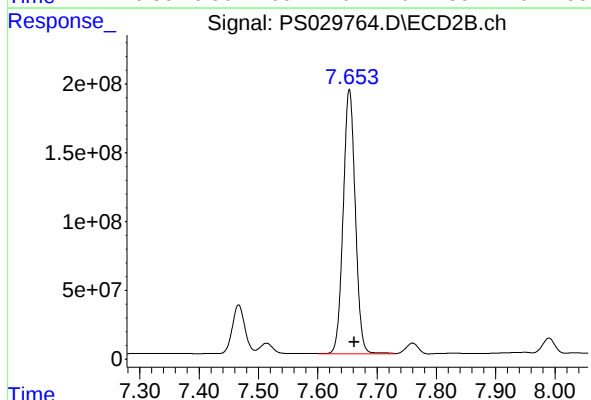
#5 DICAMBA

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 6271398506
Conc: 753.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

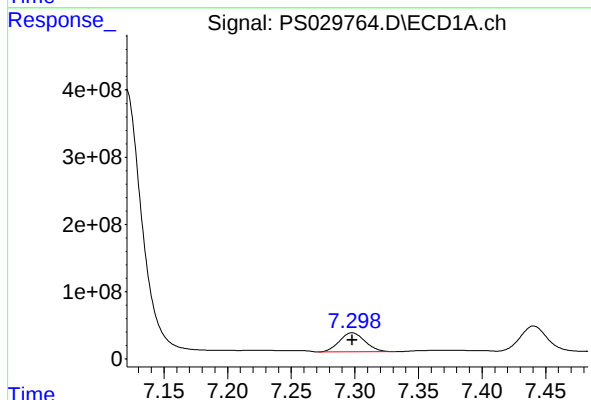
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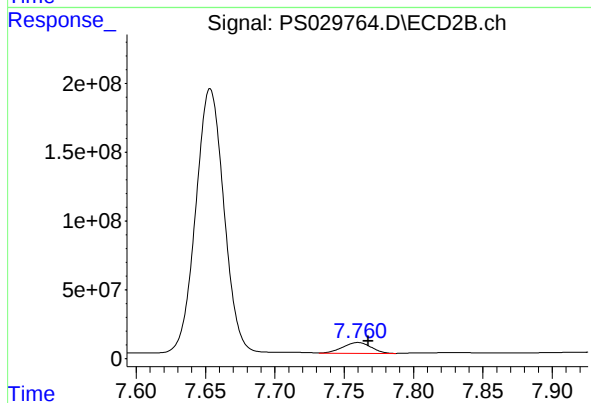
#5 DICAMBA

R.T.: 7.653 min
Delta R.T.: -0.008 min
Response: 2743539410
Conc: 742.83 ng/ml



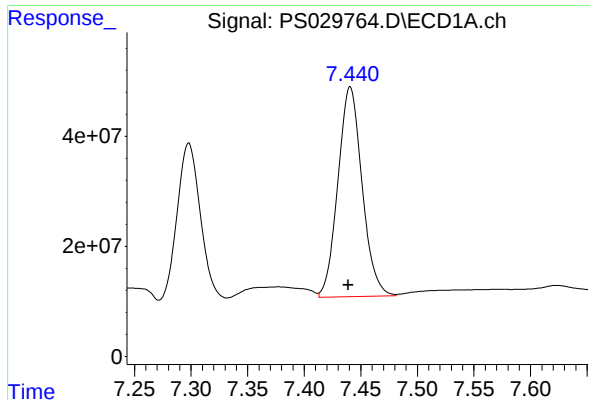
#6 MCPP

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 398131569
Conc: 73.46 ug/ml



#6 MCPP

R.T.: 7.760 min
Delta R.T.: -0.008 min
Response: 113225912
Conc: 67.06 ug/ml



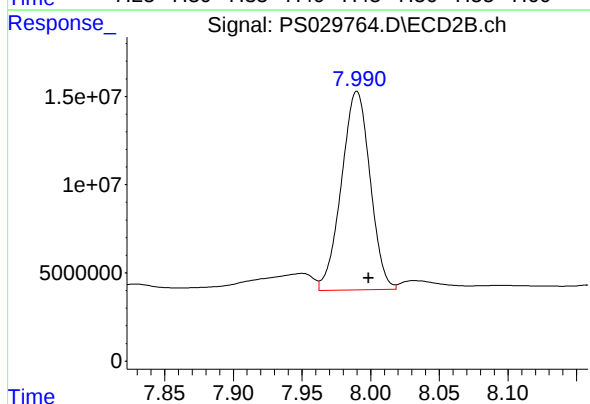
#7 MCPA

R.T.: 7.440 min
Delta R.T.: 0.001 min
Response: 566419562
Conc: 77.92 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

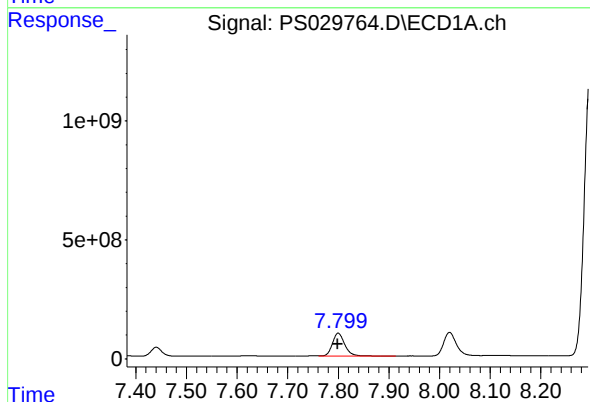
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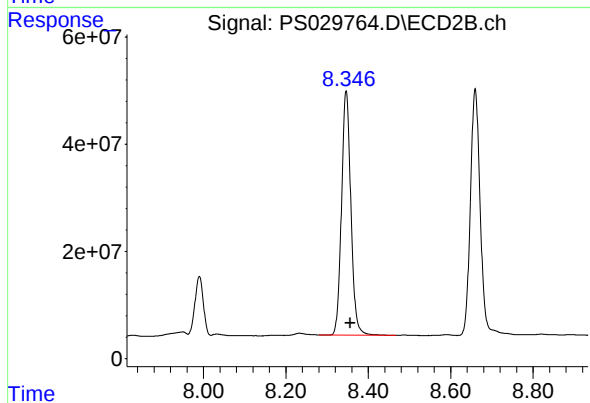
#7 MCPA

R.T.: 7.990 min
Delta R.T.: -0.009 min
Response: 163416990
Conc: 71.82 ug/ml



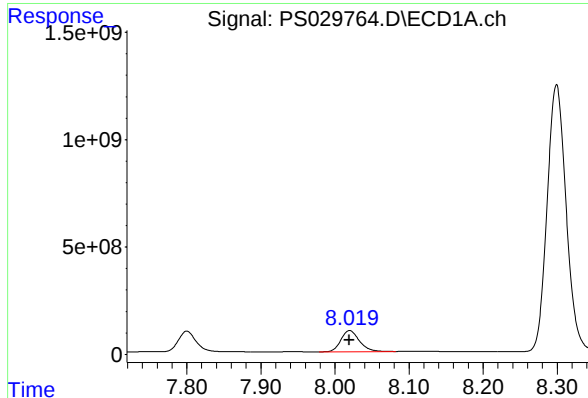
#8 DICHLORPROP

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 1615944945
Conc: 734.71 ng/ml



#8 DICHLORPROP

R.T.: 8.346 min
Delta R.T.: -0.010 min
Response: 716512575
Conc: 741.61 ng/ml



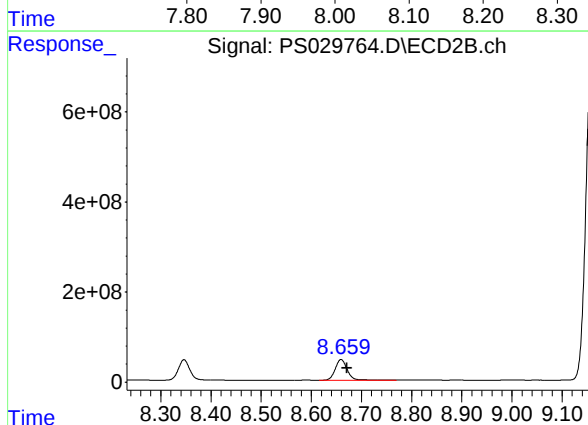
#9 2,4-D

R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 1742964220
Conc: 723.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

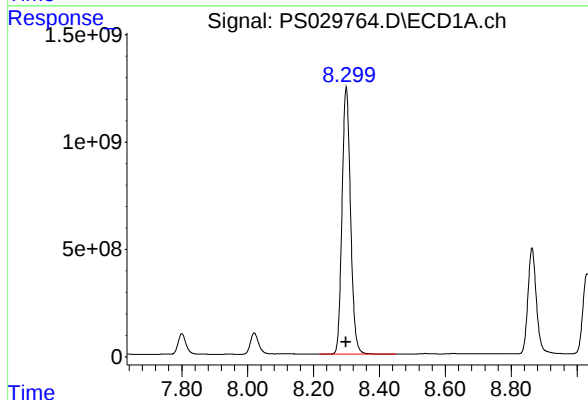
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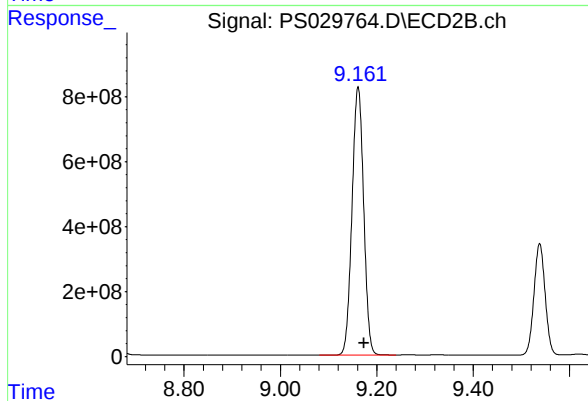
#9 2,4-D

R.T.: 8.659 min
Delta R.T.: -0.012 min
Response: 761231944
Conc: 705.85 ng/ml



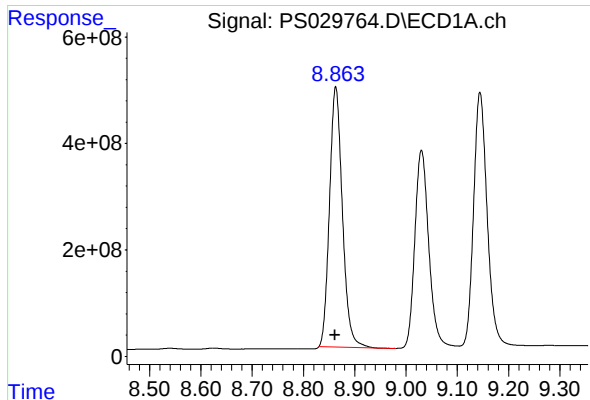
#10 Pentachlorophenol

R.T.: 8.299 min
Delta R.T.: 0.001 min
Response: 22259324465
Conc: 732.09 ng/ml



#10 Pentachlorophenol

R.T.: 9.161 min
Delta R.T.: -0.012 min
Response: 13838911156
Conc: 771.93 ng/ml



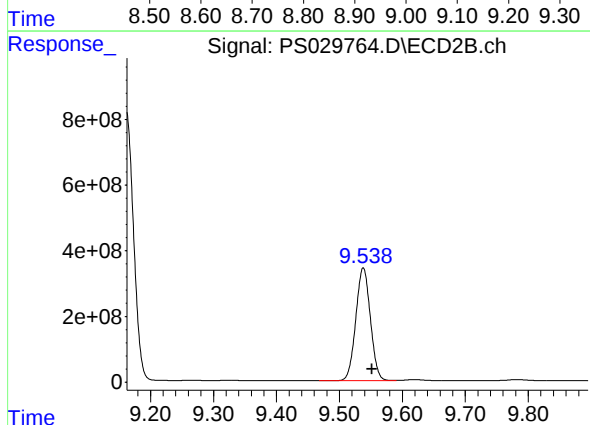
#11 2,4,5-TP (SILVEX)

R.T.: 8.863 min
Delta R.T.: 0.001 min
Response: 8538269883
Conc: 735.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

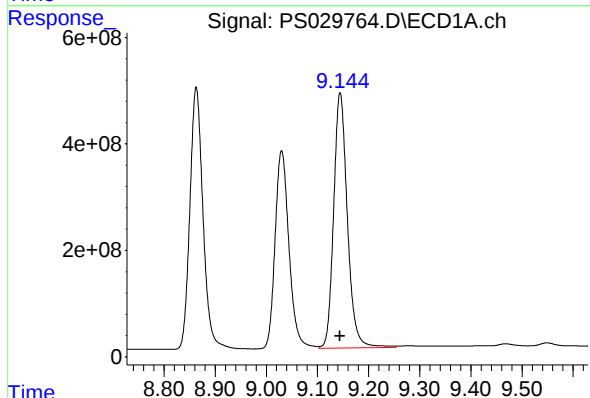
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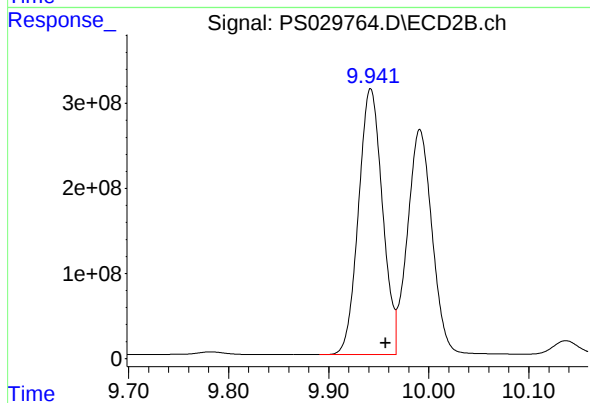
#11 2,4,5-TP (SILVEX)

R.T.: 9.538 min
Delta R.T.: -0.013 min
Response: 5524066096
Conc: 765.85 ng/ml



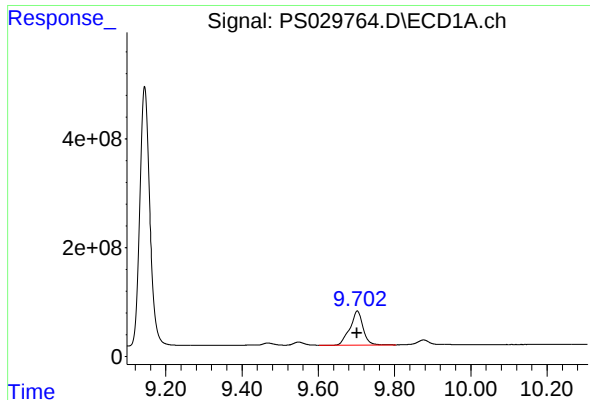
#12 2,4,5-T

R.T.: 9.144 min
Delta R.T.: 0.000 min
Response: 8905617056
Conc: 774.10 ng/ml



#12 2,4,5-T

R.T.: 9.942 min
Delta R.T.: -0.015 min
Response: 5202163537
Conc: 776.11 ng/ml



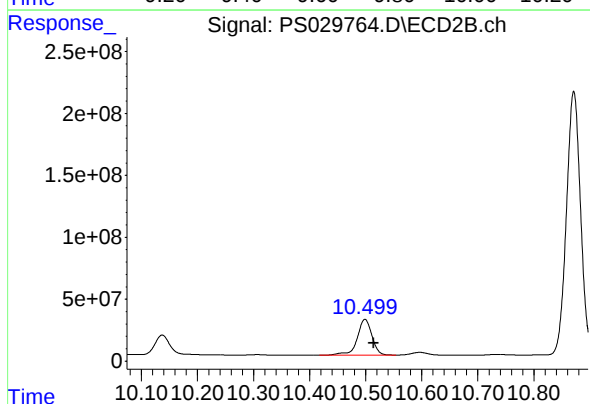
#13 2,4-DB

R.T.: 9.702 min
Delta R.T.: 0.001 min
Response: 1471356212
Conc: 809.89 ng/ml

Instrument :
ECD_S
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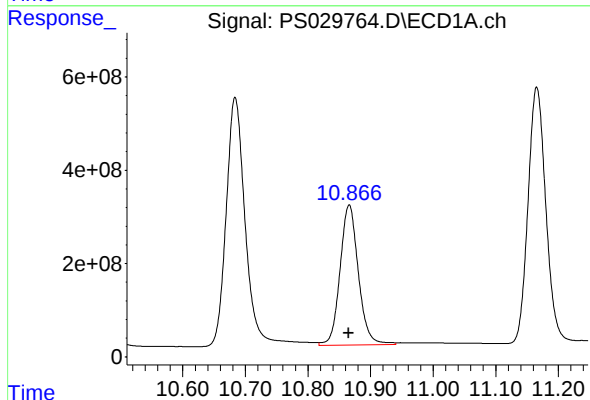
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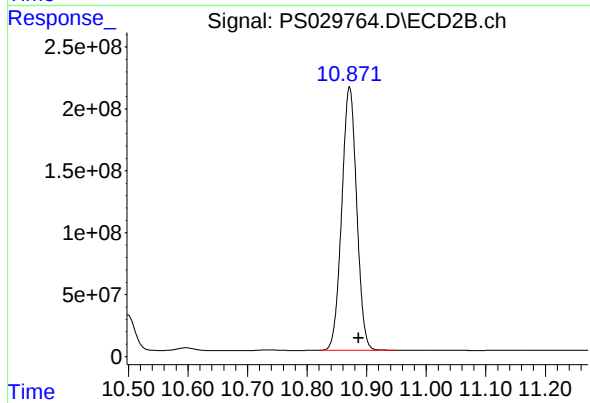
#13 2,4-DB

R.T.: 10.499 min
Delta R.T.: -0.015 min
Response: 530877019
Conc: 715.49 ng/ml



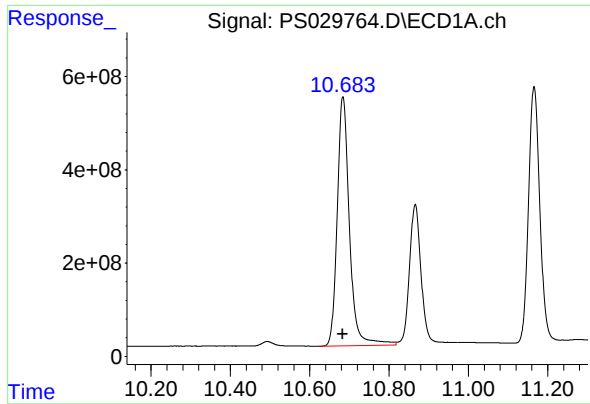
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.001 min
Response: 6124973825
Conc: 725.53 ng/ml



#14 DINOSEB

R.T.: 10.871 min
Delta R.T.: -0.015 min
Response: 3708922847
Conc: 725.42 ng/ml



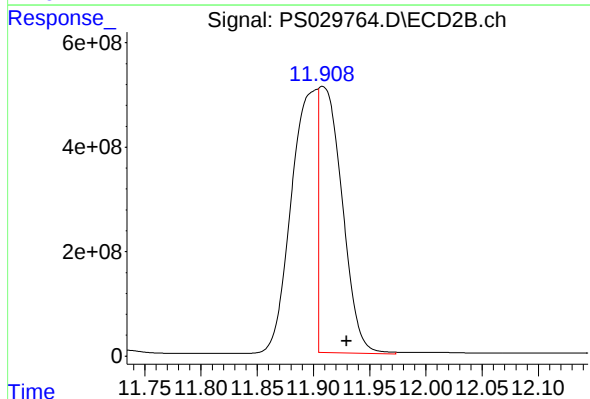
#15 Picloram

R.T.: 10.684 min
Delta R.T.: 0.000 min
Response: 11393575051
Conc: 735.05 ng/ml

Instrument :
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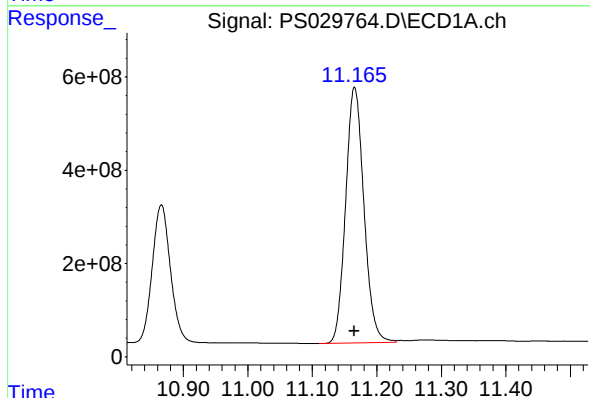
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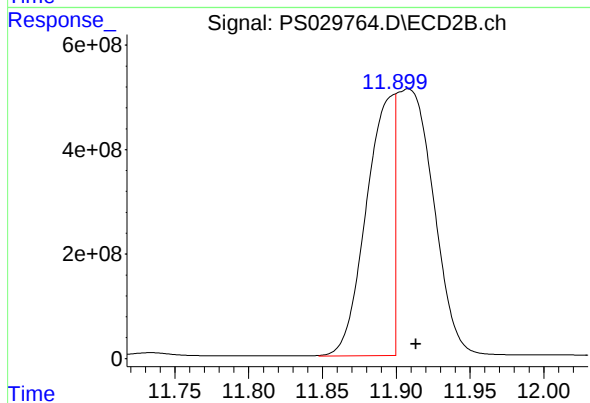
#15 Picloram

R.T.: 11.908 min
Delta R.T.: -0.022 min
Response: 7182528977
Conc: 607.43 ng/ml m



#16 DCPA

R.T.: 11.165 min
Delta R.T.: 0.000 min
Response: 10799740203
Conc: 773.28 ng/ml



#16 DCPA

R.T.: 11.899 min
Delta R.T.: -0.014 min
Response: 6563963088
Conc: 741.64 ng/ml m