

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040425\
 Data File : PS029716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 14:49
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/07/2025
 Supervised By : mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:49:23 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	6.954	7.470	1569.1E6	517.4E6	769.615	759.266
Target Compounds							
1) T	Dalapon	2.460	2.532	2440.5E6	1111.2E6	719.409	699.923
2) T	3,5-DICHL...	6.158	6.466	2198.9E6	670.8E6	731.077	694.691
3) T	4-Nitroph...	6.745	7.005	1013.2E6	455.9E6	721.225	642.972
5) T	DICAMBA	7.131	7.657	6232.0E6	2709.6E6	748.865	733.629
6) T	MCPD	7.310	7.763	409.1E6	123.9E6	75.482	73.376
7) T	MCPA	7.452	7.993	501.3E6	163.8E6	68.965	71.988
8) T	DICHLORPROP	7.812	8.350	1542.4E6	673.6E6	701.259	697.222
9) T	2,4-D	8.033	8.664	1713.3E6	750.5E6	711.054	695.942
10) T	Pentachlo...	8.311	9.166	21946.1E6	13454.7E6	721.792	750.498
11) T	2,4,5-TP ...	8.877	9.543	8657.0E6	5384.6E6	745.304	746.521
12) T	2,4,5-T	9.159	9.947	8764.9E6	5076.5E6	761.876	757.366
13) T	2,4-DB	9.718	10.504	1450.3E6	536.7E6	798.271	723.343
14) T	DINOSEB	10.883	10.877	6203.4E6	3699.6E6	734.817	723.591
15) T	Picloram	10.701	11.917	11573.3E6	7434.2E6	746.647	628.712m
16) T	DCPA	11.183	11.904	10651.1E6	6186.0E6	762.642	698.928m

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

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Acq On : 04 Apr 2025 14:49
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

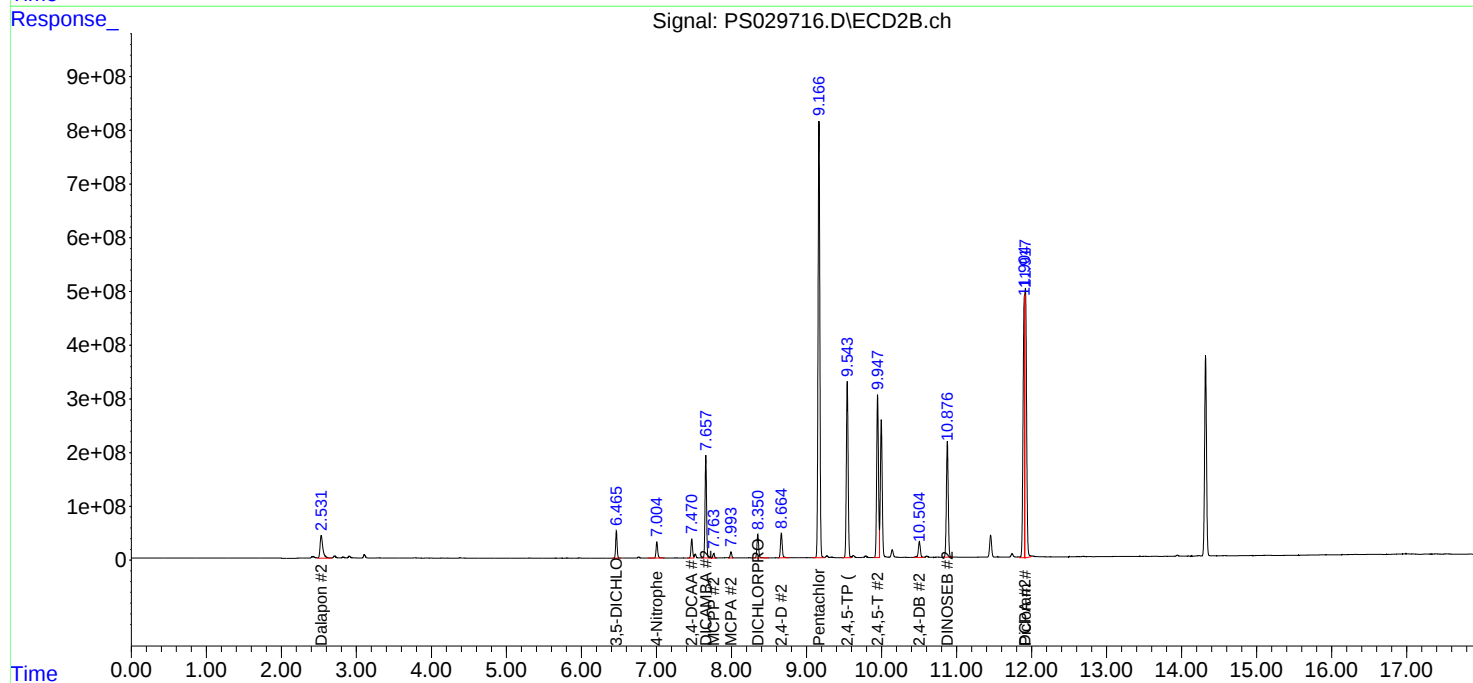
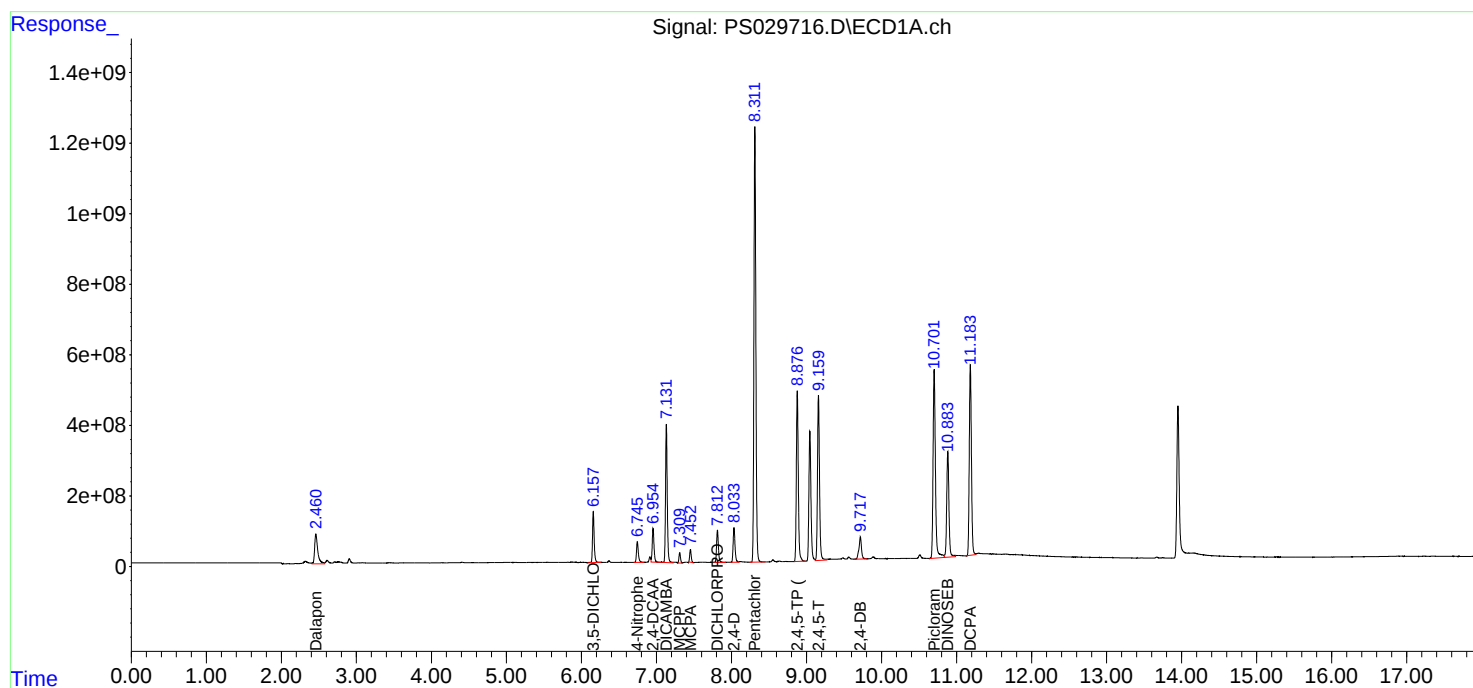
Instrument :
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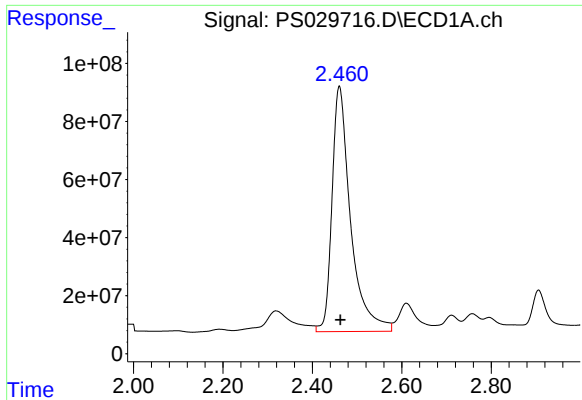
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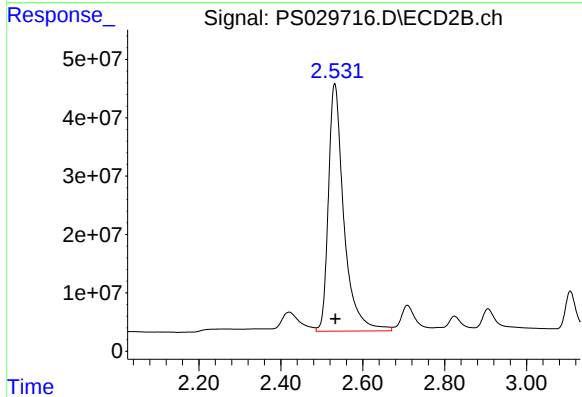
#1 Dalapon

R.T.: 2.460 min
Delta R.T.: -0.003 min
Response: 2440519933
Conc: 719.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

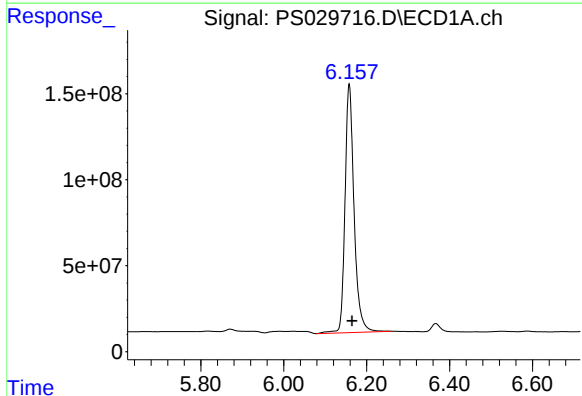
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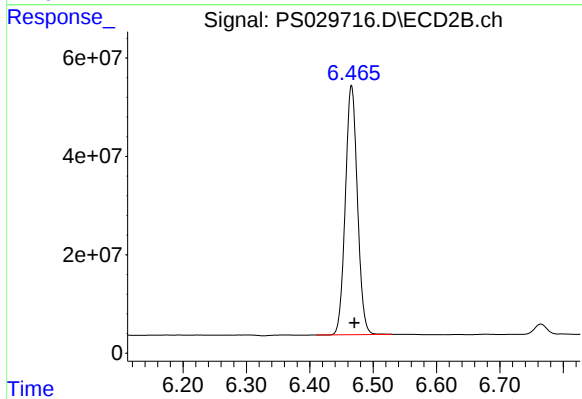
#1 Dalapon

R.T.: 2.532 min
Delta R.T.: -0.002 min
Response: 1111195457
Conc: 699.92 ng/ml



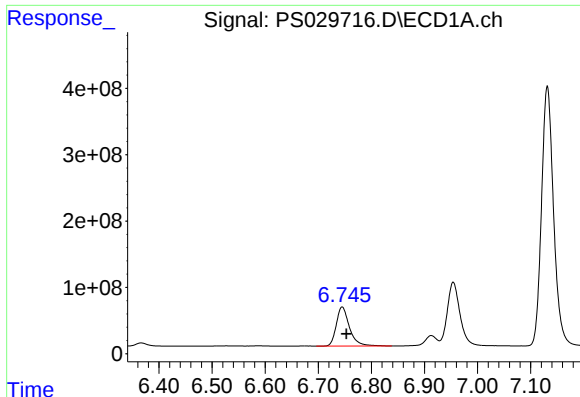
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.158 min
Delta R.T.: -0.007 min
Response: 2198903922
Conc: 731.08 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 670764249
Conc: 694.69 ng/ml



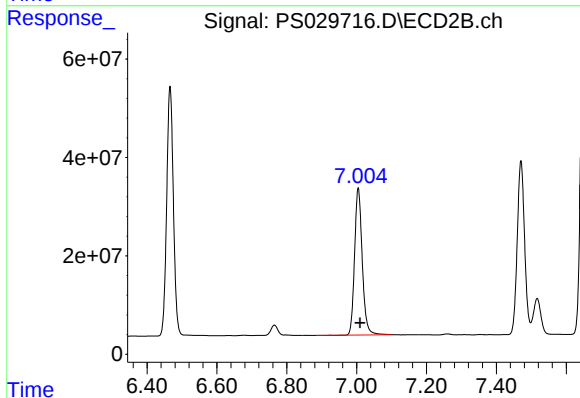
#3 4-Nitrophenol

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 1013176152
Conc: 721.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

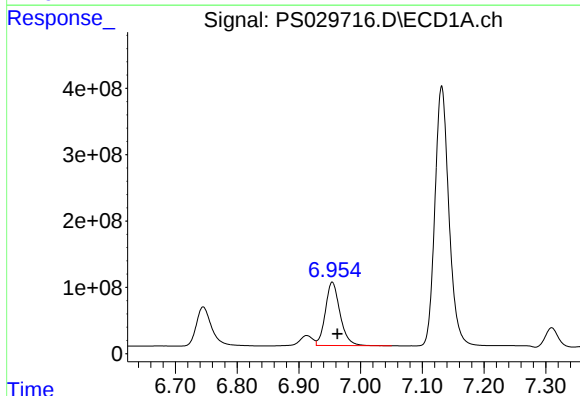
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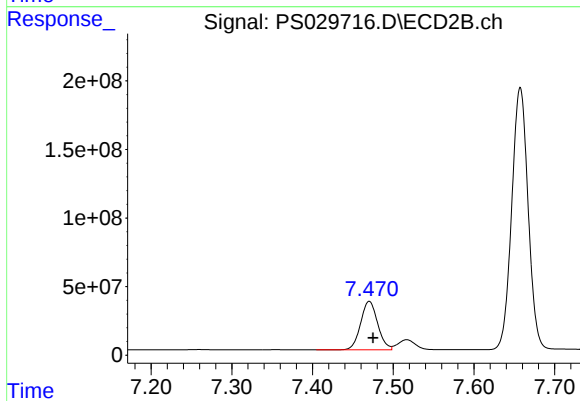
#3 4-Nitrophenol

R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 455865923
Conc: 642.97 ng/ml



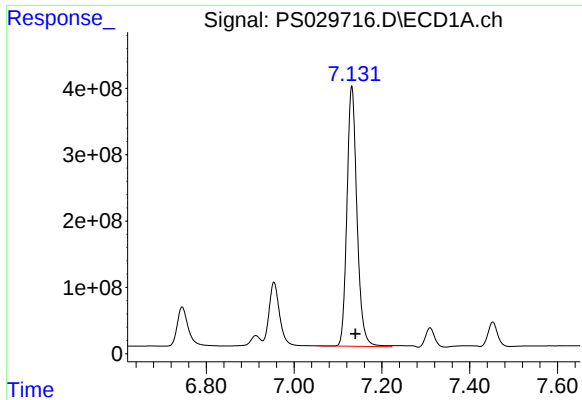
#4 2,4-DCAA

R.T.: 6.954 min
Delta R.T.: -0.008 min
Response: 1569114617
Conc: 769.62 ng/ml



#4 2,4-DCAA

R.T.: 7.470 min
Delta R.T.: -0.005 min
Response: 517449879
Conc: 759.27 ng/ml



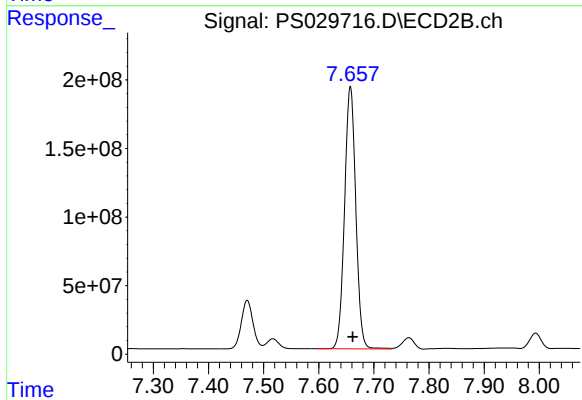
#5 DICAMBA

R.T.: 7.131 min
Delta R.T.: -0.008 min
Response: 6232015216
Conc: 748.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

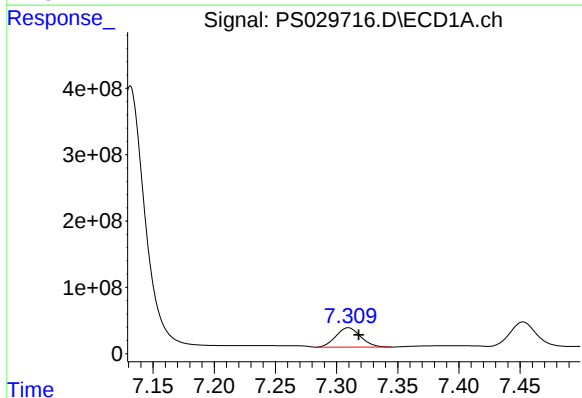
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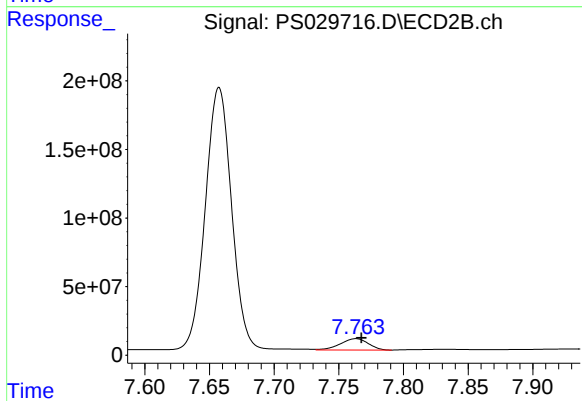
#5 DICAMBA

R.T.: 7.657 min
Delta R.T.: -0.004 min
Response: 2709563019
Conc: 733.63 ng/ml



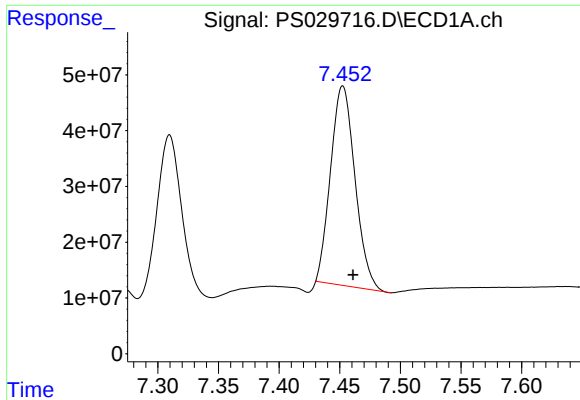
#6 MCP

R.T.: 7.310 min
Delta R.T.: -0.009 min
Response: 409101955
Conc: 75.48 ug/ml



#6 MCP

R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 123894344
Conc: 73.38 ug/ml



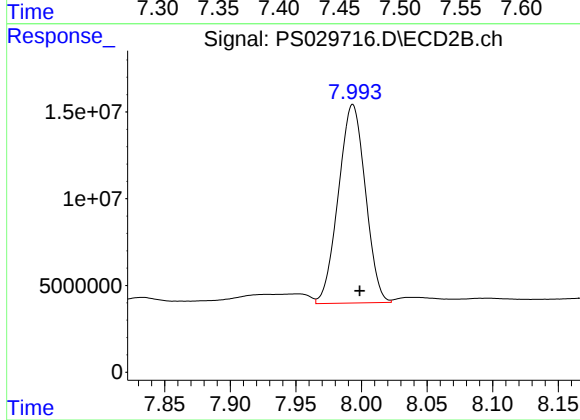
#7 MCPA

R.T.: 7.452 min
Delta R.T.: -0.009 min
Response: 501309098
Conc: 68.97 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

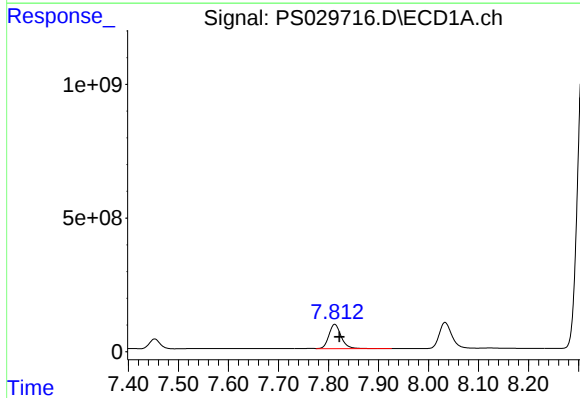
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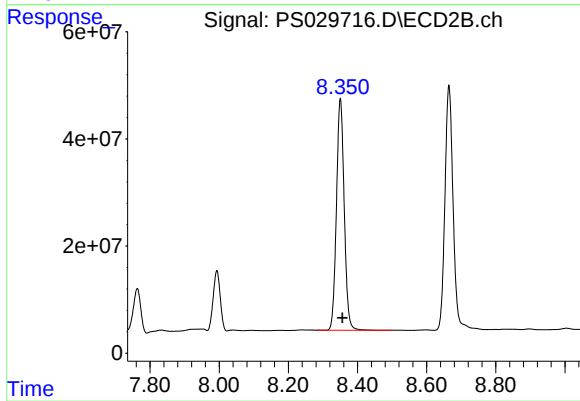
#7 MCPA

R.T.: 7.993 min
Delta R.T.: -0.005 min
Response: 163791731
Conc: 71.99 ug/ml



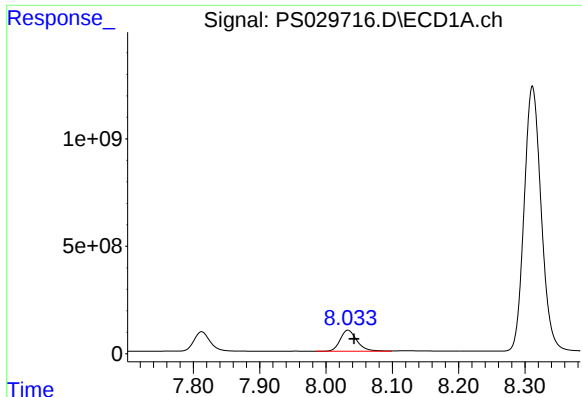
#8 DICHLORPROP

R.T.: 7.812 min
Delta R.T.: -0.009 min
Response: 1542375394
Conc: 701.26 ng/ml



#8 DICHLORPROP

R.T.: 8.350 min
Delta R.T.: -0.006 min
Response: 673622247
Conc: 697.22 ng/ml



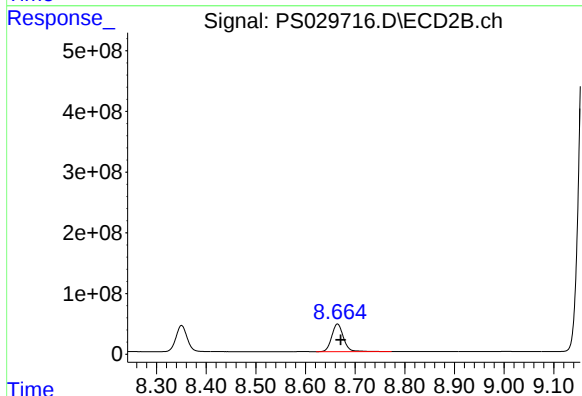
#9 2,4-D

R.T.: 8.033 min
Delta R.T.: -0.009 min
Response: 1713349132
Conc: 711.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

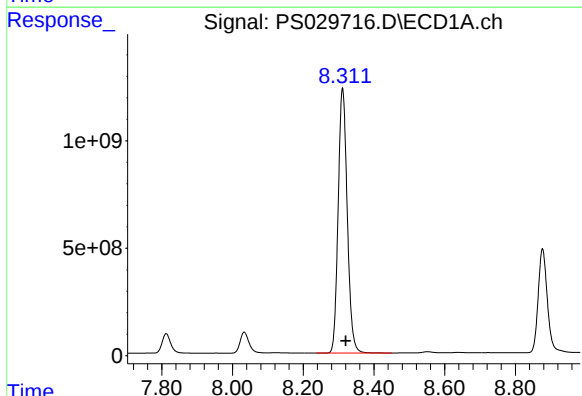
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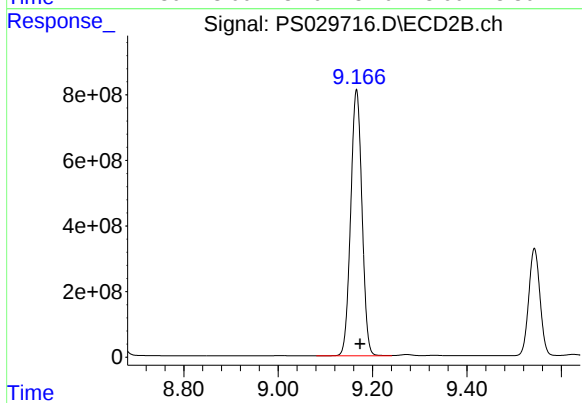
#9 2,4-D

R.T.: 8.664 min
Delta R.T.: -0.007 min
Response: 750548290
Conc: 695.94 ng/ml



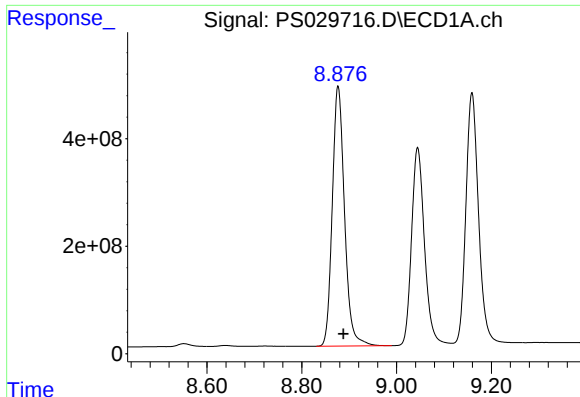
#10 Pentachlorophenol

R.T.: 8.311 min
Delta R.T.: -0.009 min
Response: 21946094611
Conc: 721.79 ng/ml



#10 Pentachlorophenol

R.T.: 9.166 min
Delta R.T.: -0.007 min
Response: 13454722889
Conc: 750.50 ng/ml



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

R.T.: 8.877 min
Delta R.T.: -0.011 min
Response: 8656969238
Conc: 745.30 ng/ml

Instrument :

ECD_S

ClientSampleId :

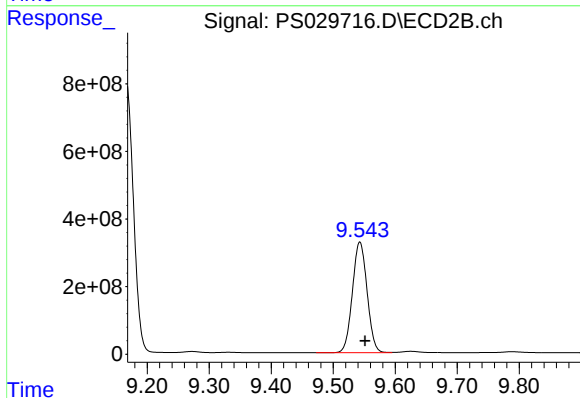
HSTDCCC750

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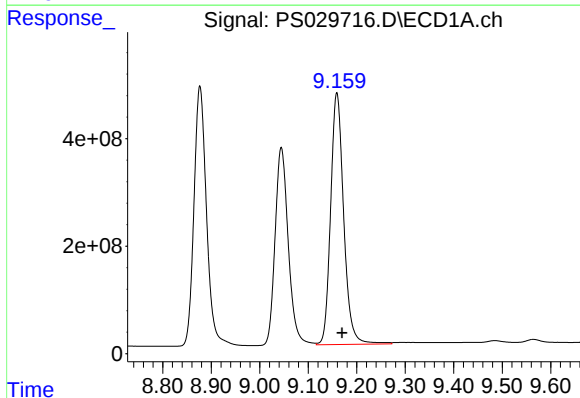
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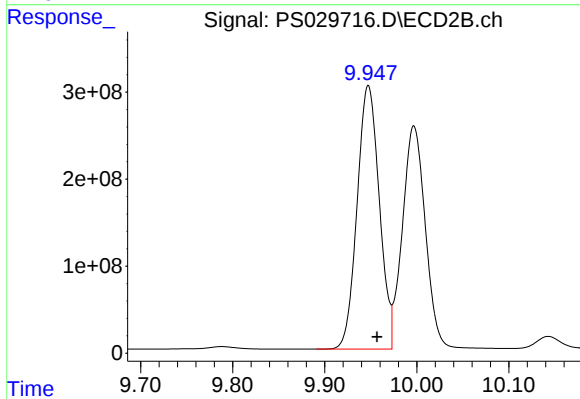
#11 2,4,5-TP (SILVEX)

R.T.: 9.543 min
Delta R.T.: -0.009 min
Response: 5384626160
Conc: 746.52 ng/ml



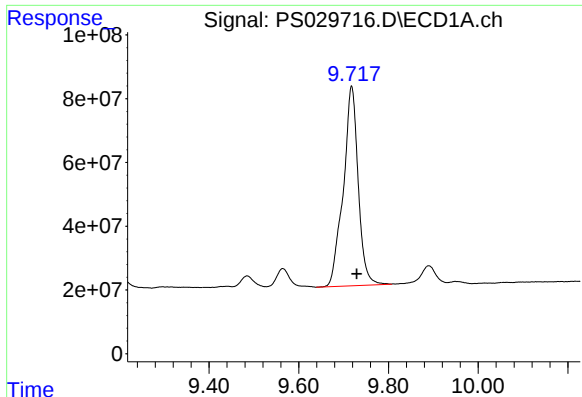
#12 2,4,5-T

R.T.: 9.159 min
Delta R.T.: -0.011 min
Response: 8764942701
Conc: 761.88 ng/ml



#12 2,4,5-T

R.T.: 9.947 min
Delta R.T.: -0.010 min
Response: 5076504160
Conc: 757.37 ng/ml



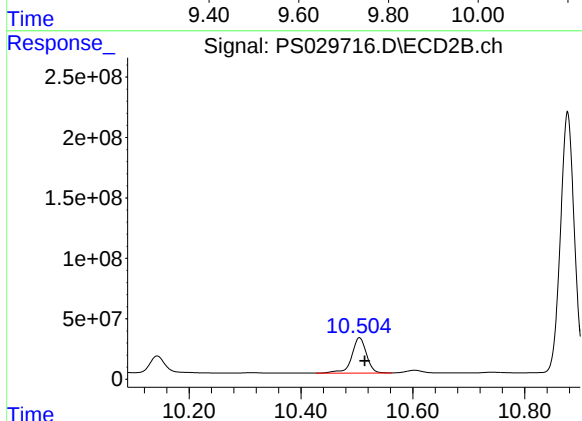
#13 2,4-DB

R.T.: 9.718 min
Delta R.T.: -0.012 min
Response: 1450253571
Conc: 798.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

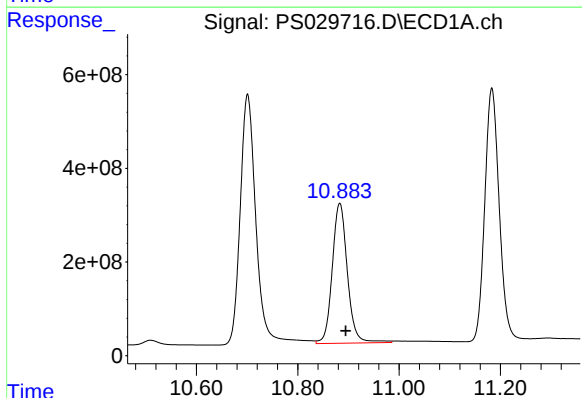
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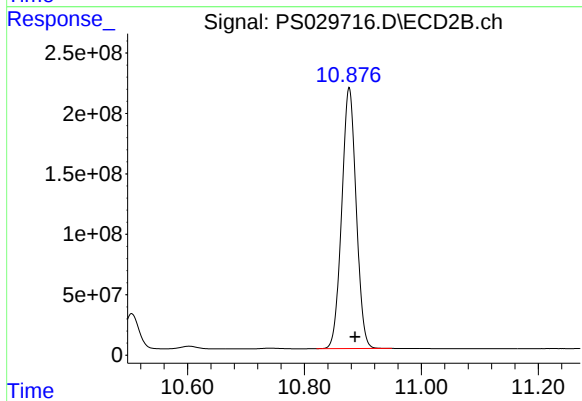
#13 2,4-DB

R.T.: 10.504 min
Delta R.T.: -0.010 min
Response: 536703006
Conc: 723.34 ng/ml



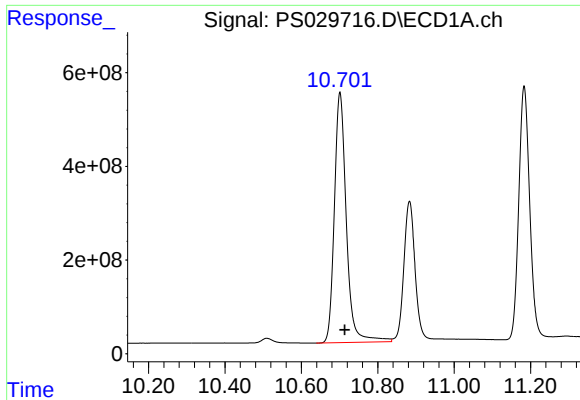
#14 DINOSEB

R.T.: 10.883 min
Delta R.T.: -0.012 min
Response: 6203356763
Conc: 734.82 ng/ml



#14 DINOSEB

R.T.: 10.877 min
Delta R.T.: -0.010 min
Response: 3699578029
Conc: 723.59 ng/ml



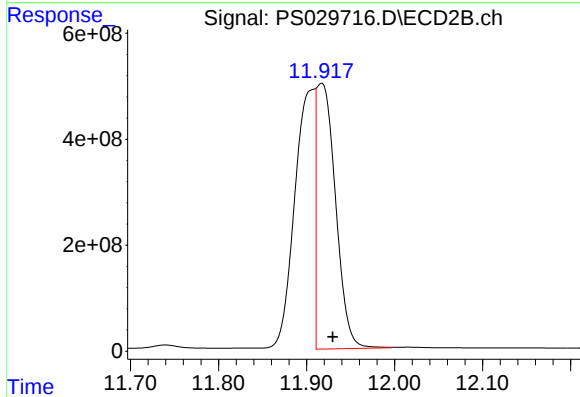
#15 Picloram

R.T.: 10.701 min
Delta R.T.: -0.012 min
Response: 11573324258
Conc: 746.65 ng/ml

Instrument :
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ClientSampleId :
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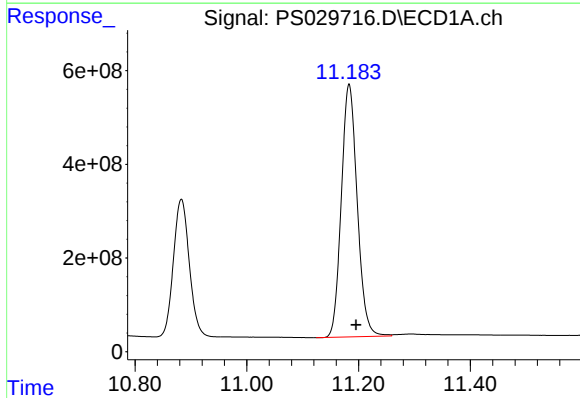
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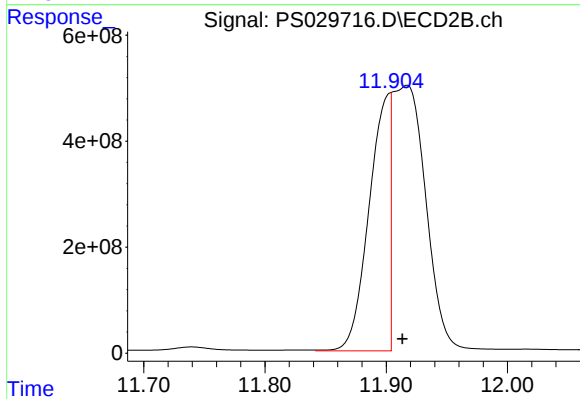
#15 Picloram

R.T.: 11.917 min
Delta R.T.: -0.013 min
Response: 7434152648
Conc: 628.71 ng/ml m



#16 DCPA

R.T.: 11.183 min
Delta R.T.: -0.012 min
Response: 10651142514
Conc: 762.64 ng/ml



#16 DCPA

R.T.: 11.904 min
Delta R.T.: -0.009 min
Response: 6185974170
Conc: 698.93 ng/ml m