

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031125\
 Data File : PS029384.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 22:19
 Operator : AR\AJ
 Sample : Q1494-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOILMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025
 Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 04:38:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022125.M
 Quant Title : 8080.M
 QLast Update : Sat Feb 22 01:02:20 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	7.150	7.621	3625.5E6	360.0E6	879.859m	382.802m#
Target Compounds							
1) T	Dalapon	2.596	2.642	1774.3E6	859.3E6	321.417m	405.897m#
2) T	3,5-DICHL...	6.339	6.597	1862.9E6	399.6E6	318.382	282.174m
3) T	4-Nitroph...	6.960	7.156	309.4E6	103.8E6	132.228	130.203m
5) T	DICAMBA	7.338	7.814	6297.4E6	1682.7E6	362.628m	326.549m
6) T	MCP	7.516	7.917	309.6E6	49712495	25.117m	21.252
7) T	MCPA	7.663	8.157	589.5E6	95384168	34.787	29.904
8) T	DICHLORPROP	8.039	8.524	1279.3E6	334.1E6	278.312	261.253m
9) T	2,4-D	8.269	8.849	1955.7E6	471.9E6	411.696	371.635m
10) T	Pentachlo...	8.560	9.365	15872.4E6	4939.0E6	271.992	214.621
11) T	2,4,5-TP ...	9.134	9.743	6150.2E6	2143.1E6	250.140	237.157
12) T	2,4,5-T	9.426	10.158	7402.3E6	2150.3E6	290.413	261.908
13) T	2,4-DB	9.997	10.721	660.0E6	150.1E6	158.077m	196.046m
14) T	DINOSEB	11.187	11.096	614.7E6	175.1E6	36.962m	28.894m
15) T	Picloram	11.004	12.170	10599.0E6	3480.2E6	347.013	300.995
16) T	DCPA	11.481	12.129	11500.5E6	5320.3E6	383.307	449.480

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

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Operator : AR\AJ
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ALS Vial : 13 Sample Multiplier: 1

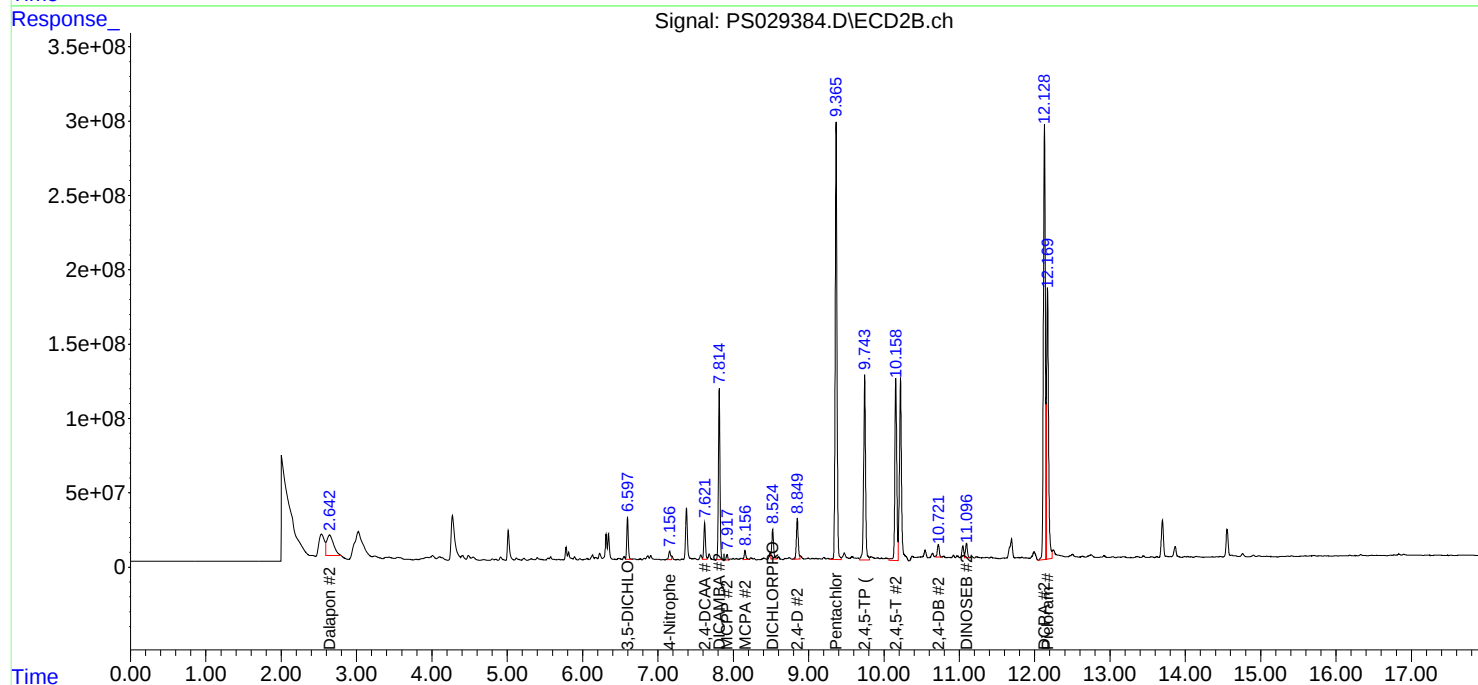
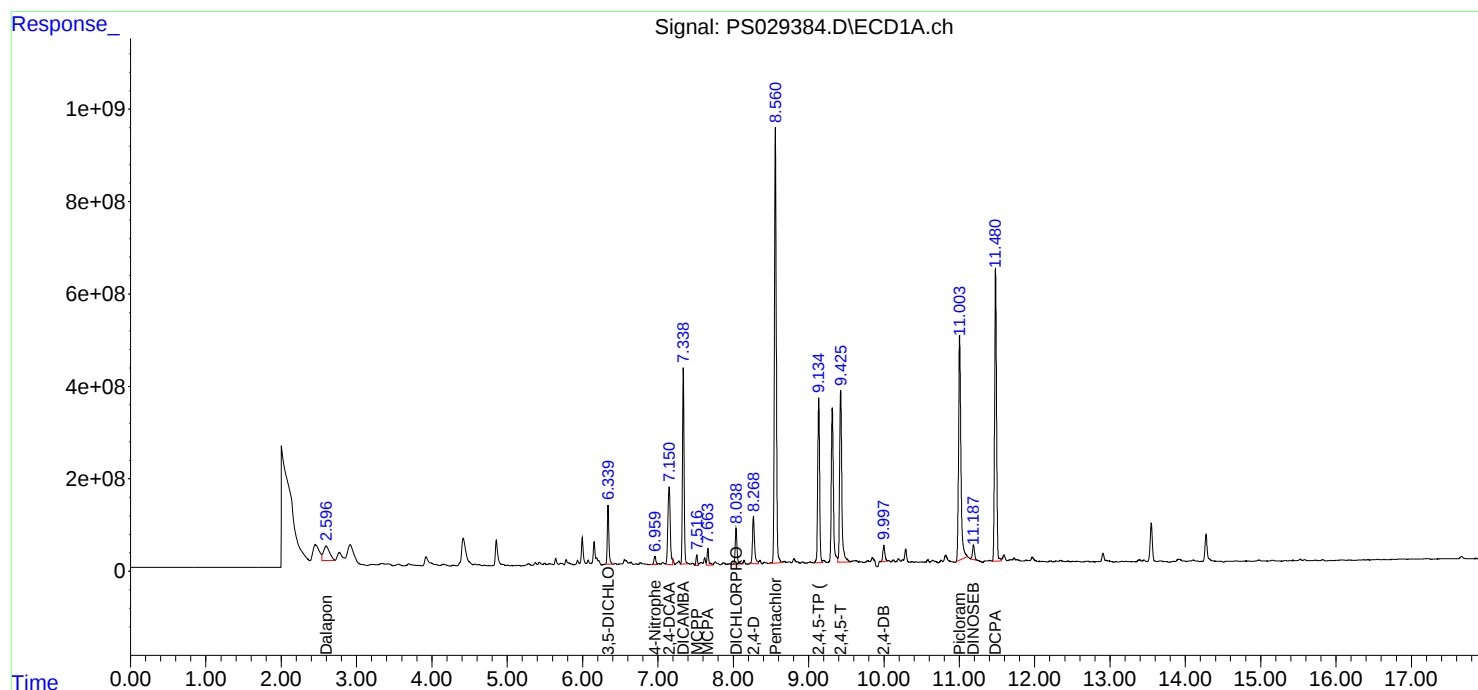
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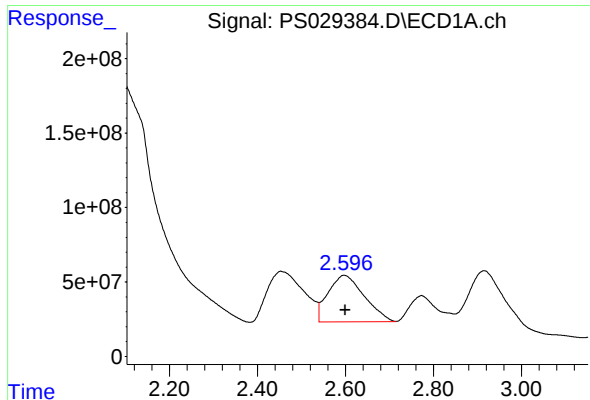
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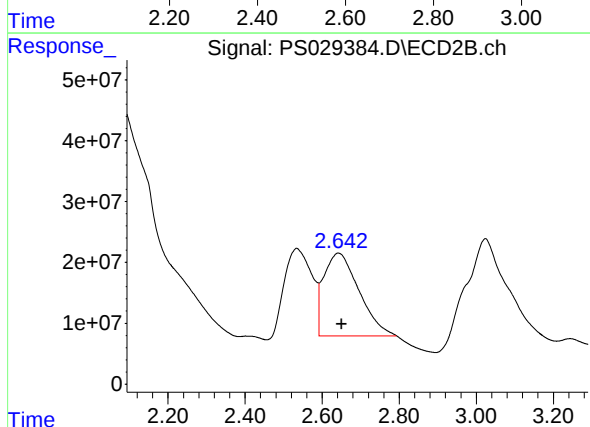
#1 Dalapon

R.T.: 2.596 min
Delta R.T.: -0.004 min
Response: 1774314918
Conc: 321.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMS

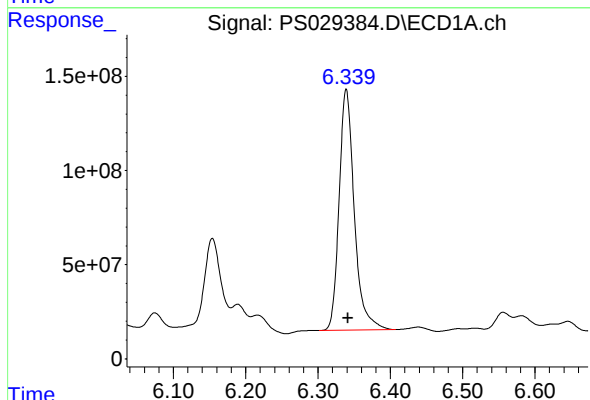
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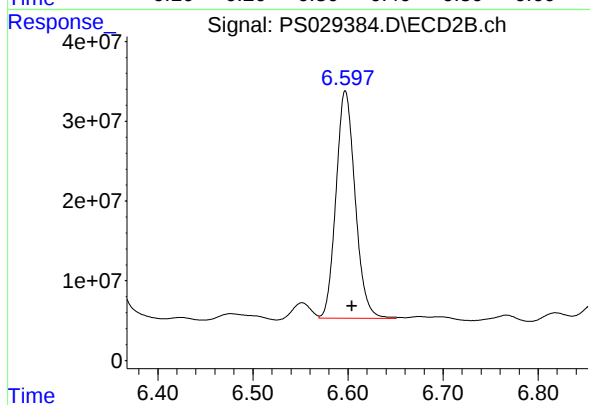
#1 Dalapon

R.T.: 2.642 min
Delta R.T.: -0.009 min
Response: 859332031
Conc: 405.90 ng/ml



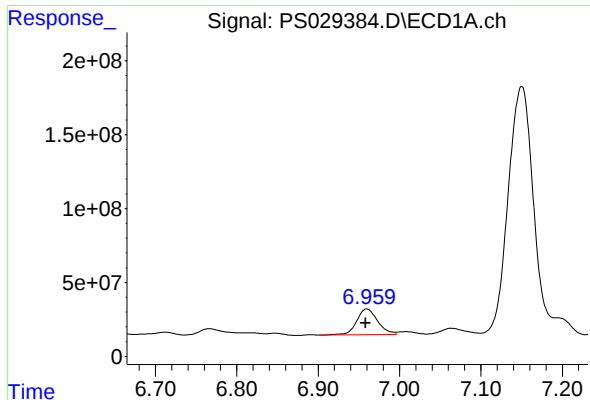
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 1862888394
Conc: 318.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.597 min
Delta R.T.: -0.007 min
Response: 399590789
Conc: 282.17 ng/ml



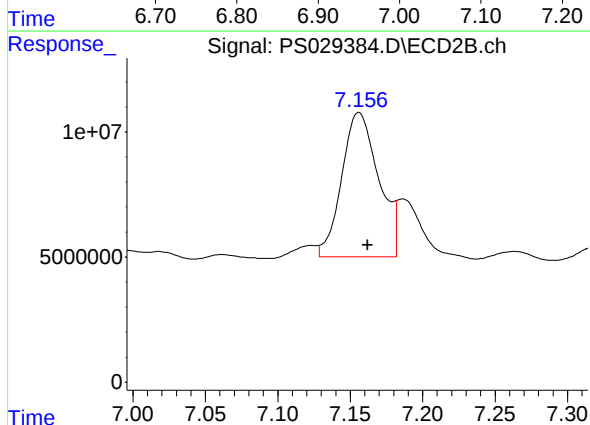
#3 4-Nitrophenol

R.T.: 6.960 min
Delta R.T.: 0.001 min
Response: 309437458
Conc: 132.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMS

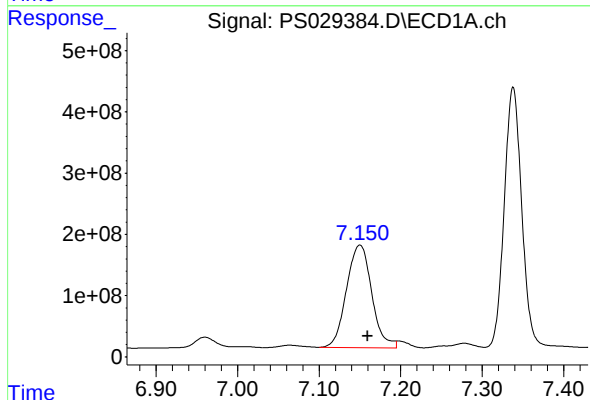
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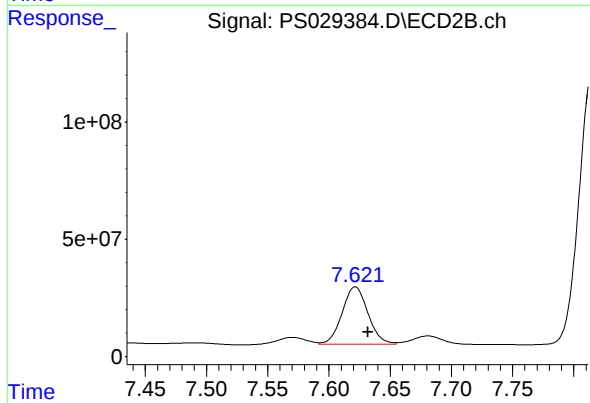
#3 4-Nitrophenol

R.T.: 7.156 min
Delta R.T.: -0.006 min
Response: 103843427
Conc: 130.20 ng/ml



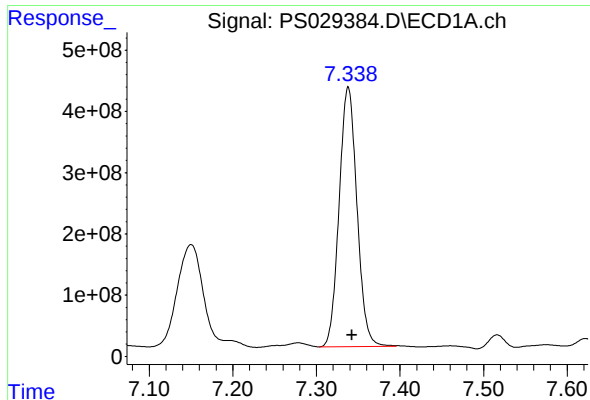
#4 2,4-DCAA

R.T.: 7.150 min
Delta R.T.: -0.010 min
Response: 3625526513
Conc: 879.86 ng/ml



#4 2,4-DCAA

R.T.: 7.621 min
Delta R.T.: -0.011 min
Response: 359961719
Conc: 382.80 ng/ml



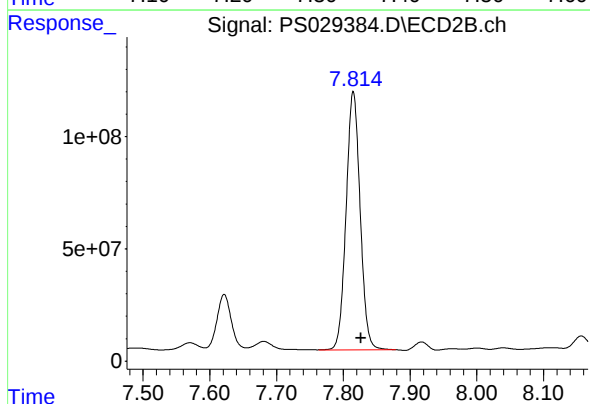
#5 DICAMBA

R.T.: 7.338 min
Delta R.T.: -0.005 min
Response: 6297376560
Conc: 362.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMS

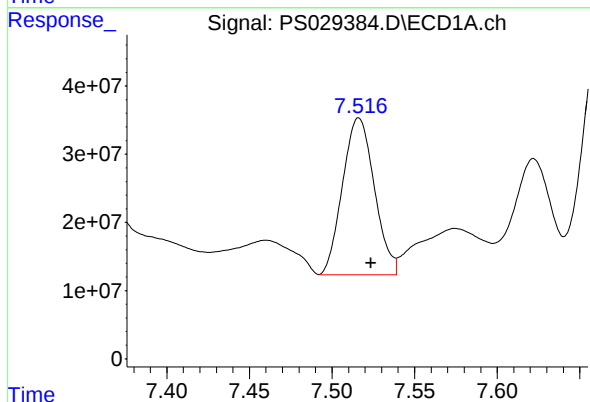
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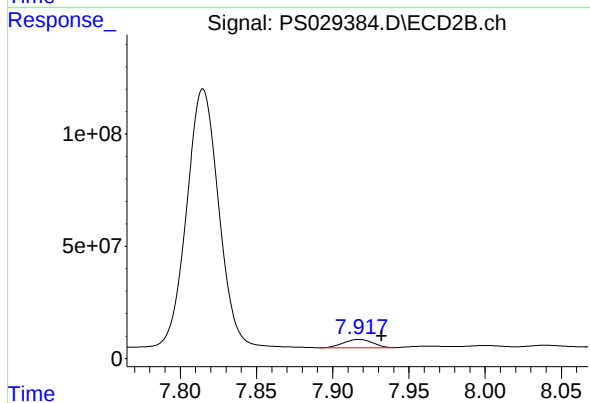
#5 DICAMBA

R.T.: 7.814 min
Delta R.T.: -0.012 min
Response: 1682694710
Conc: 326.55 ng/ml m



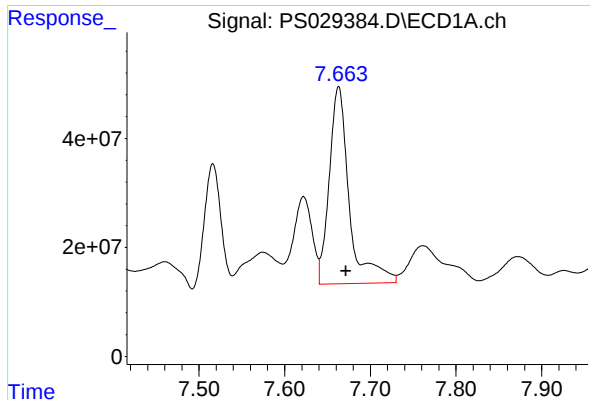
#6 MCP

R.T.: 7.516 min
Delta R.T.: -0.008 min
Response: 309591186
Conc: 25.12 ug/ml m



#6 MCP

R.T.: 7.917 min
Delta R.T.: -0.015 min
Response: 49712495
Conc: 21.25 ug/ml



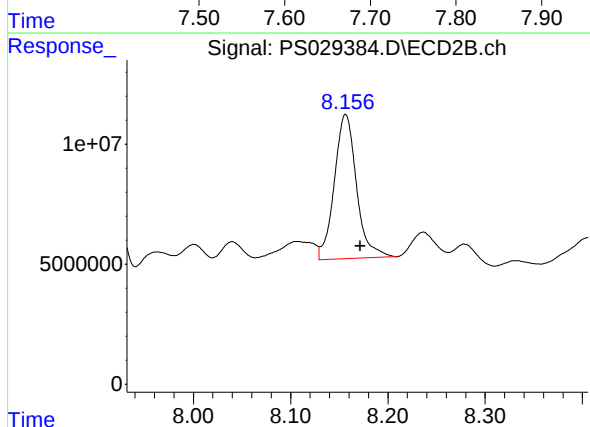
#7 MCPA

R.T.: 7.663 min
Delta R.T.: -0.009 min
Response: 589477324
Conc: 34.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOILMS

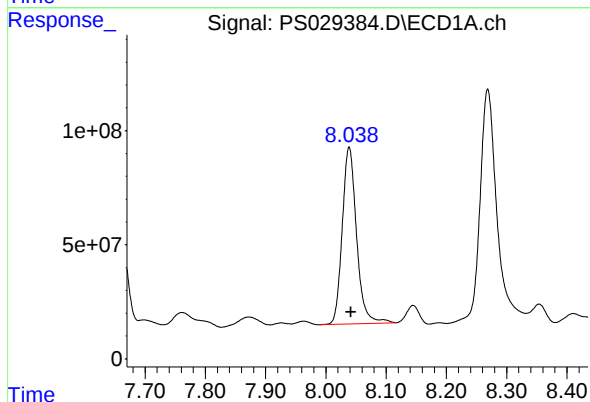
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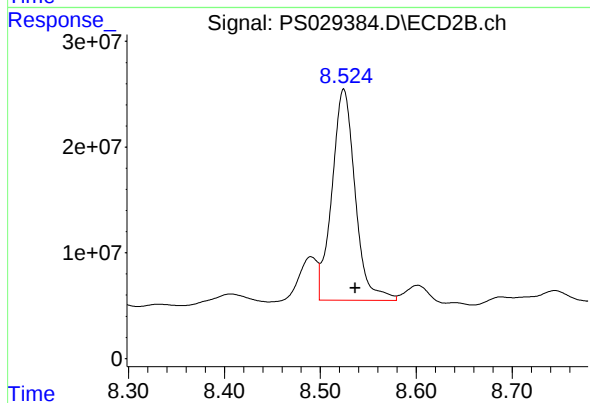
#7 MCPA

R.T.: 8.157 min
Delta R.T.: -0.015 min
Response: 95384168
Conc: 29.90 ug/ml



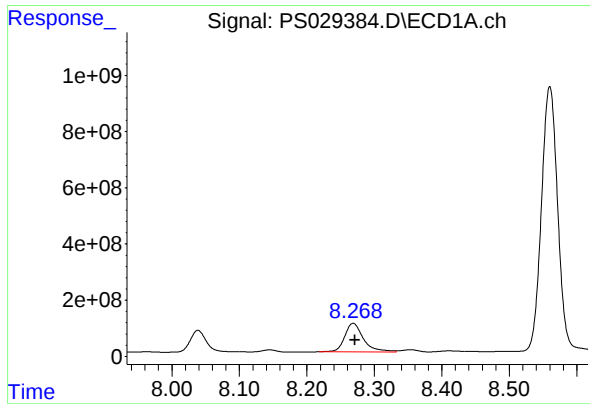
#8 DICHLORPROP

R.T.: 8.039 min
Delta R.T.: -0.003 min
Response: 1279251941
Conc: 278.31 ng/ml



#8 DICHLORPROP

R.T.: 8.524 min
Delta R.T.: -0.012 min
Response: 334079349
Conc: 261.25 ng/ml m



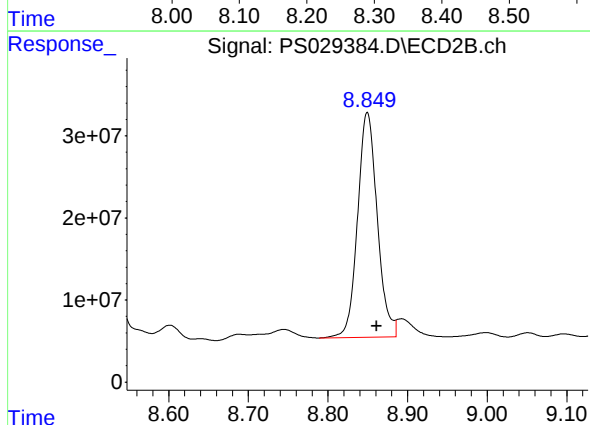
#9 2,4-D

R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 1955731826
Conc: 411.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMS

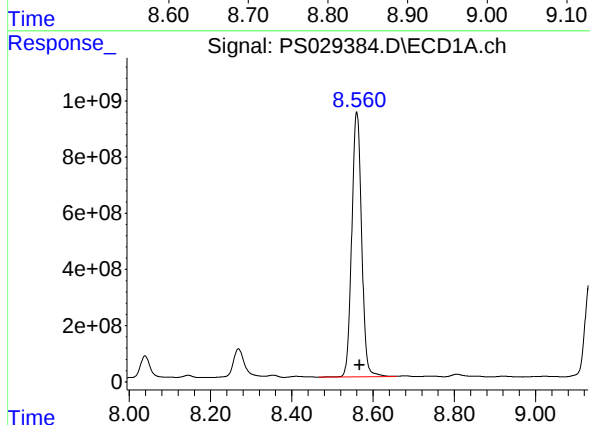
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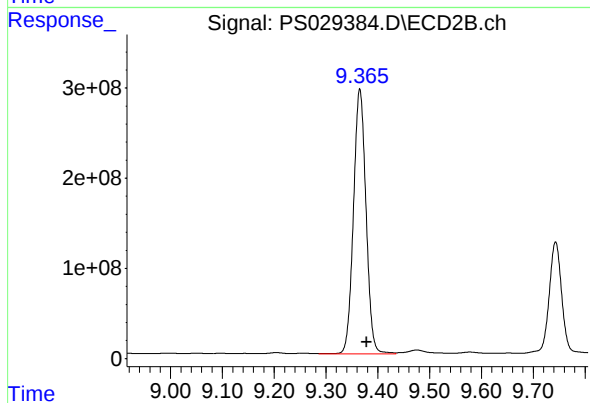
#9 2,4-D

R.T.: 8.849 min
Delta R.T.: -0.012 min
Response: 471938196
Conc: 371.64 ng/ml



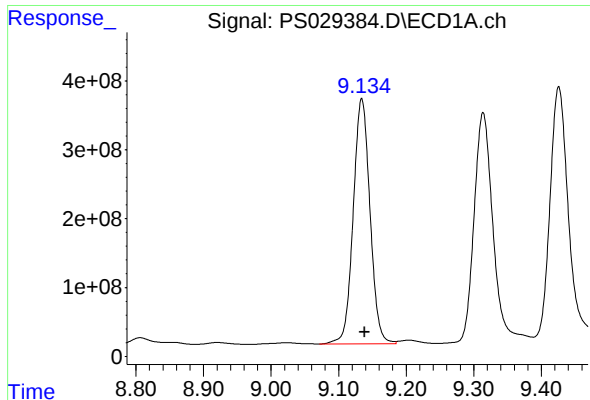
#10 Pentachlorophenol

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 15872439360
Conc: 271.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.365 min
Delta R.T.: -0.013 min
Response: 4939014514
Conc: 214.62 ng/ml



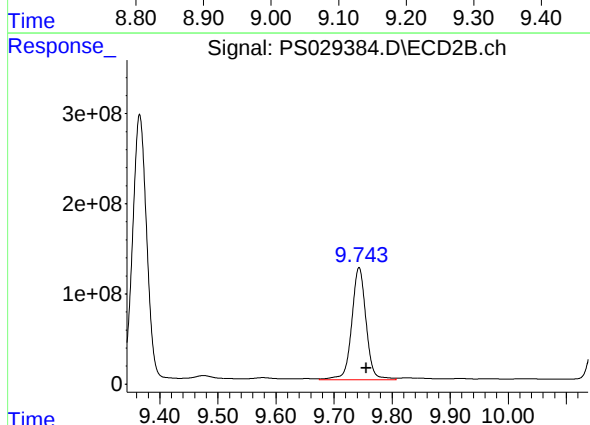
#11 2,4,5-TP (SILVEX)

R.T.: 9.134 min
Delta R.T.: -0.004 min
Response: 6150179604
Conc: 250.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOILMS

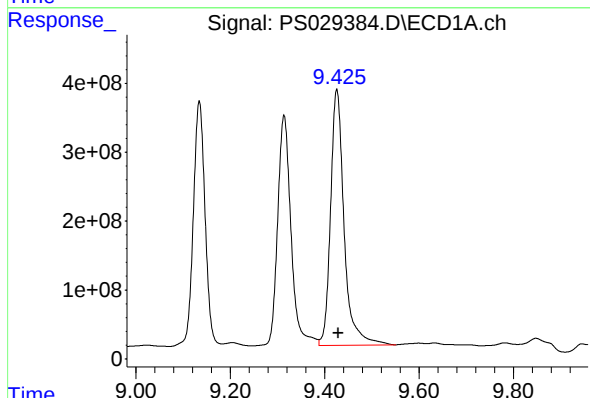
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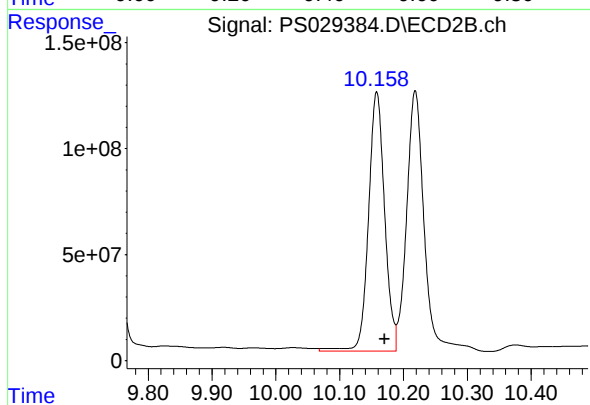
#11 2,4,5-TP (SILVEX)

R.T.: 9.743 min
Delta R.T.: -0.013 min
Response: 2143114064
Conc: 237.16 ng/ml



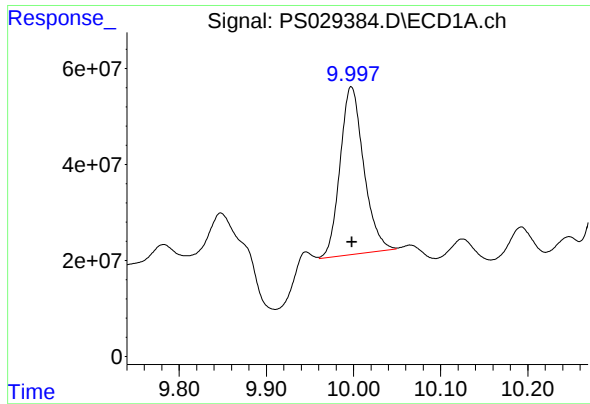
#12 2,4,5-T

R.T.: 9.426 min
Delta R.T.: -0.003 min
Response: 7402250401
Conc: 290.41 ng/ml



#12 2,4,5-T

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 2150339878
Conc: 261.91 ng/ml



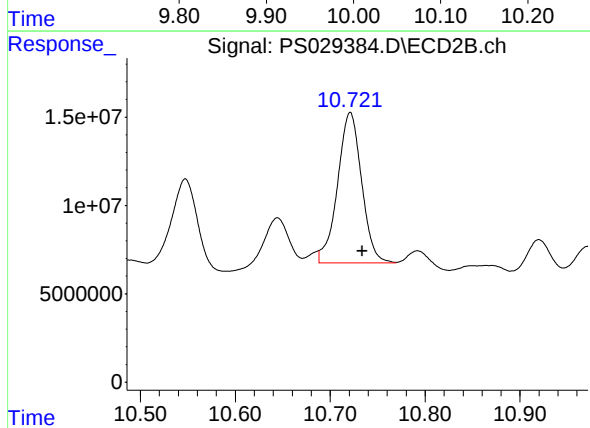
#13 2,4-DB

R.T.: 9.997 min
Delta R.T.: -0.002 min
Response: 660038156
Conc: 158.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
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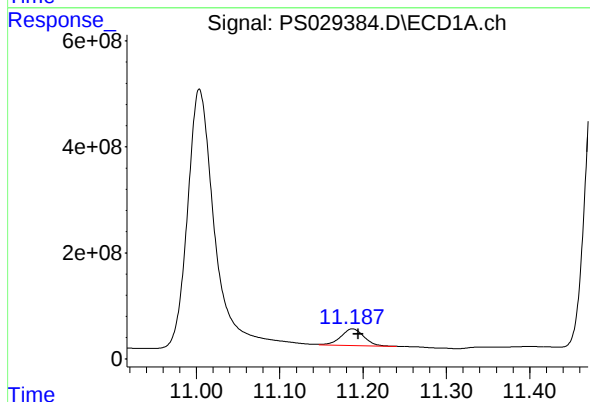
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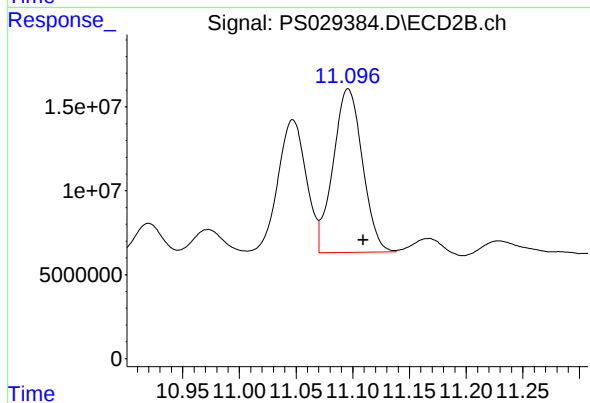
#13 2,4-DB

R.T.: 10.721 min
Delta R.T.: -0.013 min
Response: 150091354
Conc: 196.05 ng/ml



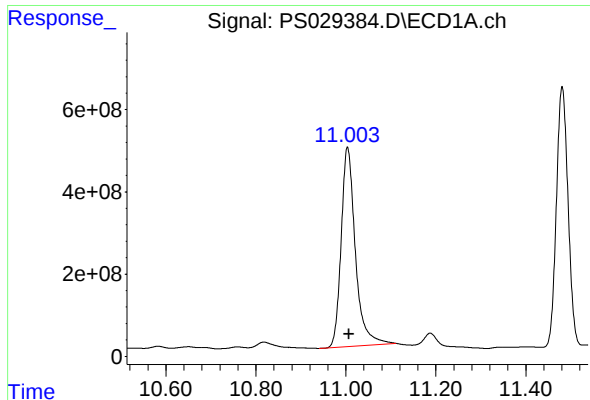
#14 DINOSEB

R.T.: 11.187 min
Delta R.T.: -0.008 min
Response: 614713762
Conc: 36.96 ng/ml



#14 DINOSEB

R.T.: 11.096 min
Delta R.T.: -0.014 min
Response: 175141672
Conc: 28.89 ng/ml



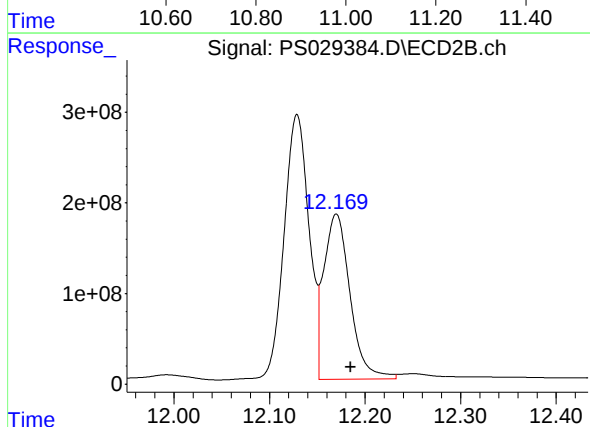
#15 Picloram

R.T.: 11.004 min
Delta R.T.: -0.003 min
Response: 10599004246
Conc: 347.01 ng/ml

Instrument :
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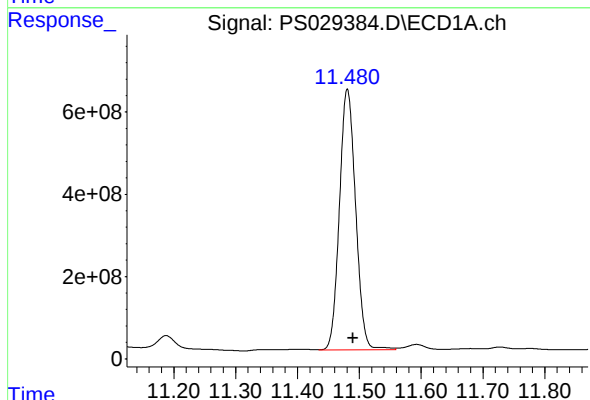
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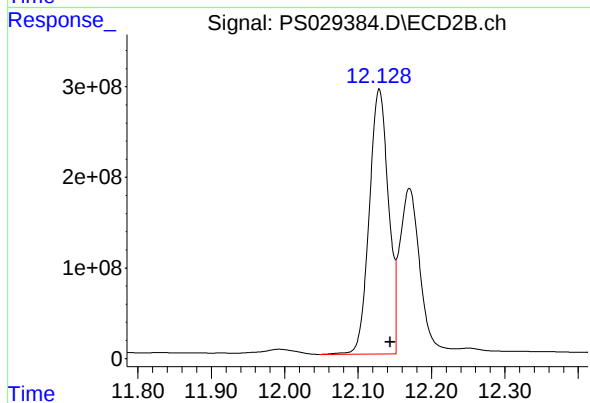
#15 Picloram

R.T.: 12.170 min
Delta R.T.: -0.015 min
Response: 3480237175
Conc: 301.00 ng/ml



#16 DCPA

R.T.: 11.481 min
Delta R.T.: -0.009 min
Response: 11500529305
Conc: 383.31 ng/ml



#16 DCPA

R.T.: 12.129 min
Delta R.T.: -0.015 min
Response: 5320296192
Conc: 449.48 ng/ml