

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062025\
 Data File : PS030788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 19:19
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:02:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.344	7.768	2701.6E6	784.3E6	735.245	731.654
Target Compounds							
1) T	Dalapon	2.708	2.711	4004.0E6	1830.0E6	671.179	667.451
2) T	3,5-DICHL...	6.504	6.714	3665.4E6	1114.8E6	681.610	691.056
3) T	4-Nitroph...	7.144	7.300	1133.9E6	1181.0E6	719.099	681.250
5) T	DICAMBA	7.534	7.971	10861.3E6	4645.1E6	713.850	708.835
6) T	MCPD	7.716	8.071	722.0E6	160.2E6	76.902m	76.388
7) T	MCPA	7.867	8.320	856.9E6	226.5E6	73.047	71.994
8) T	DICHLORPROP	8.248	8.690	2489.0E6	1056.3E6	664.488	671.761
9) T	2,4-D	8.481	9.025	2452.8E6	1189.5E6	712.118	699.941m
10) T	Pentachlo...	8.788	9.551	38532.5E6	27581.4E6	728.052	723.501
11) T	2,4,5-TP ...	9.369	9.932	14618.1E6	10233.9E6	729.795	709.273
12) T	2,4,5-T	9.663	10.358	12901.3E6	9857.0E6	784.126	721.354
13) T	2,4-DB	10.240	10.925	1906.2E6	835.4E6	831.138m	706.245
14) T	DINOSEB	11.459	11.310	10045.2E6	7488.6E6	724.076m	694.594
15) T	Picloram	11.269	12.419	12663.8E6	16810.5E6	787.738m	723.299
16) T	DCPA	11.755	12.354	19050.5E6	15917.6E6	743.689	722.124m

(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

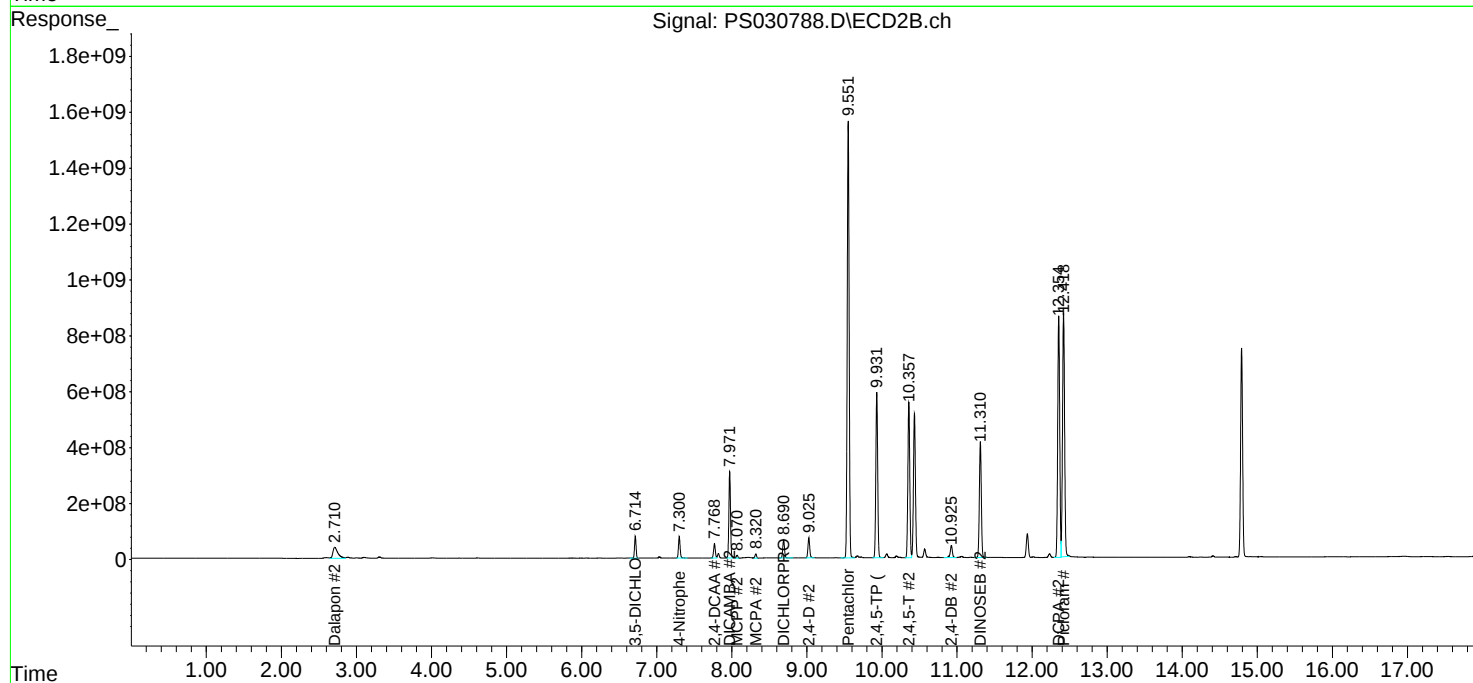
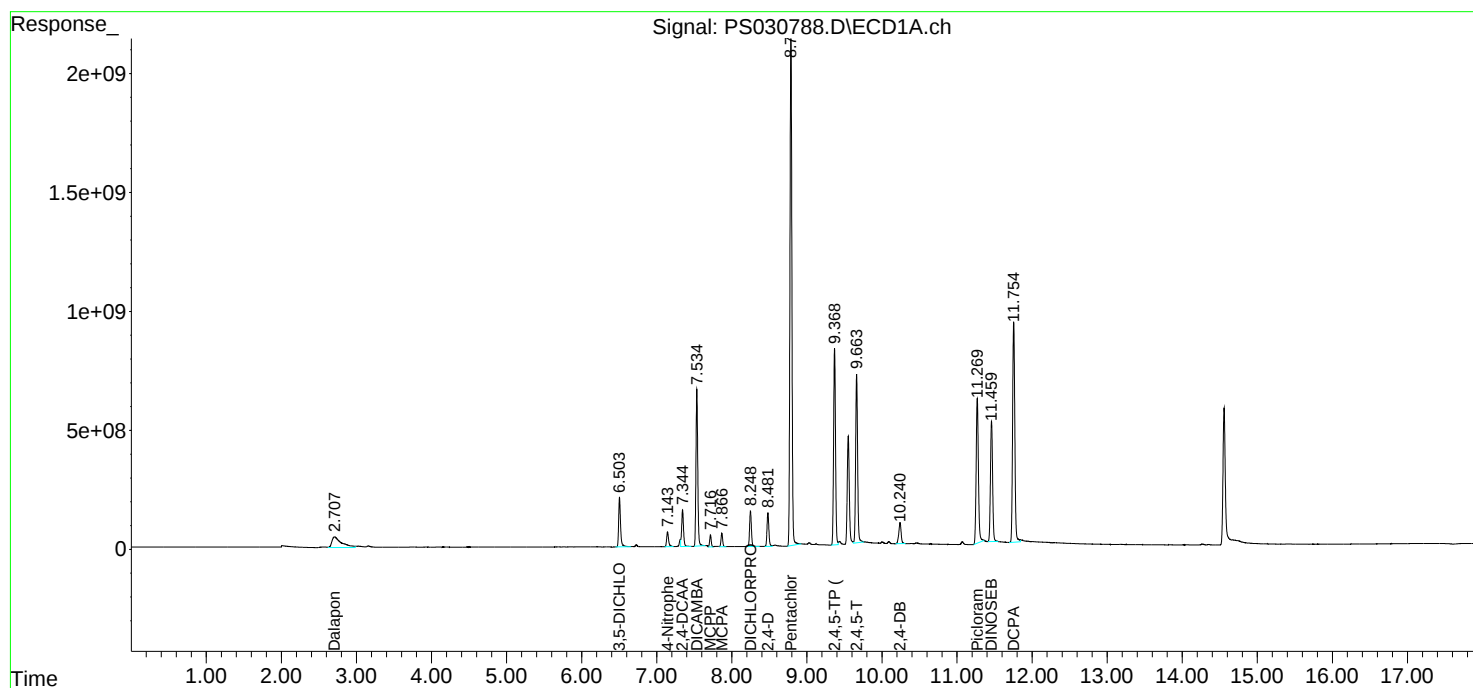
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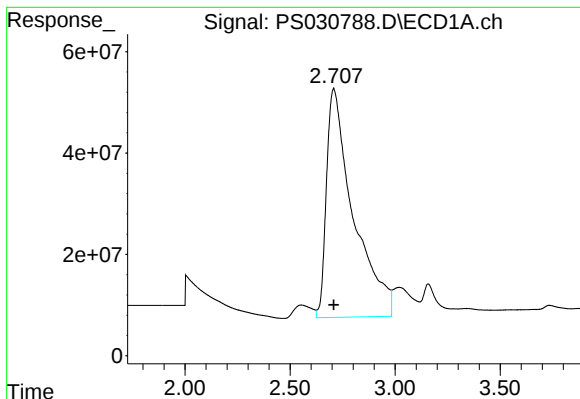
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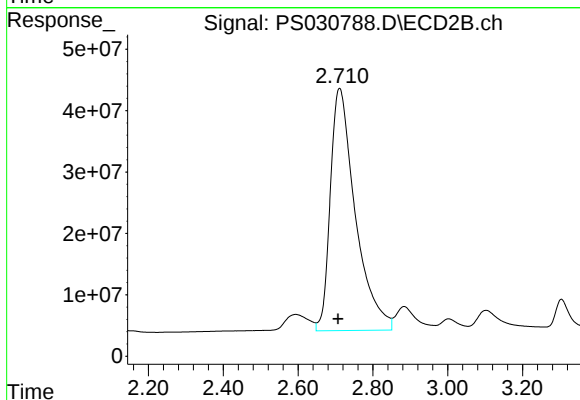
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 4004006297
Conc: 671.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

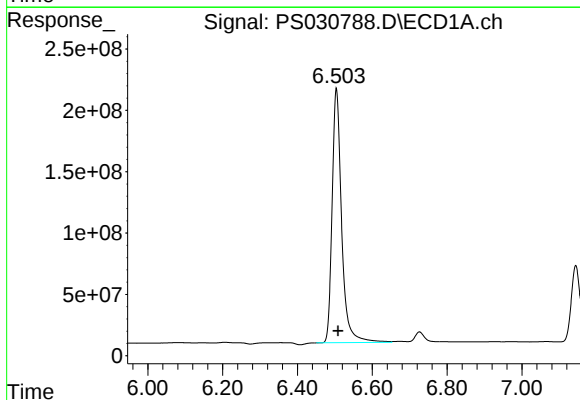
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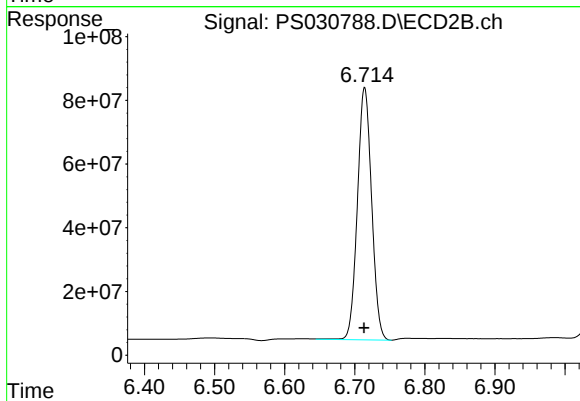
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1829978093
Conc: 667.45 ng/ml



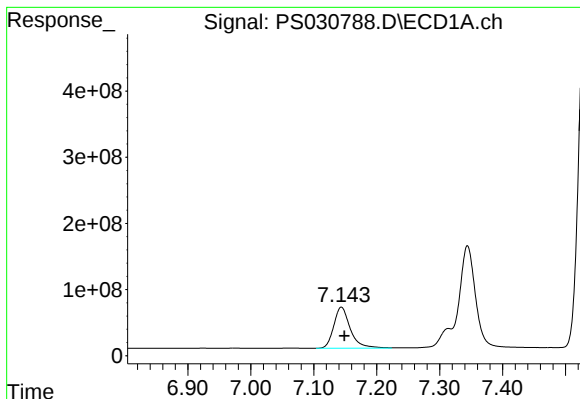
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 3665392925
Conc: 681.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1114776949
Conc: 691.06 ng/ml



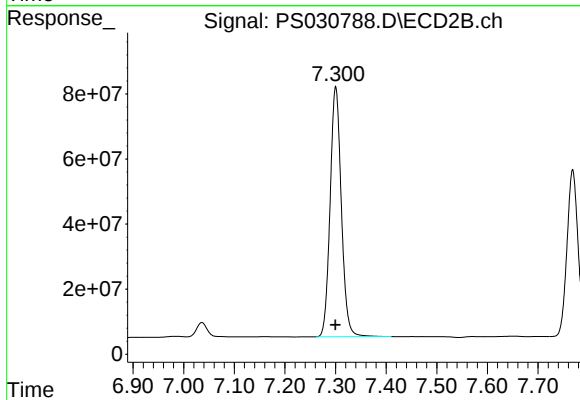
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: -0.005 min
Response: 1133852113
Conc: 719.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

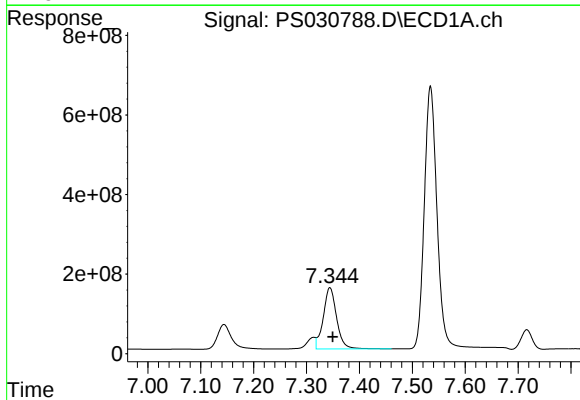
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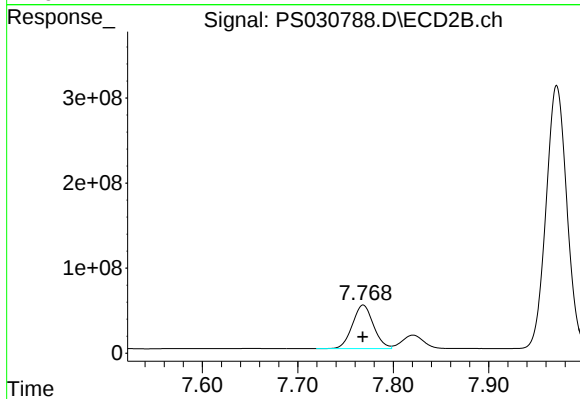
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1180970373
Conc: 681.25 ng/ml



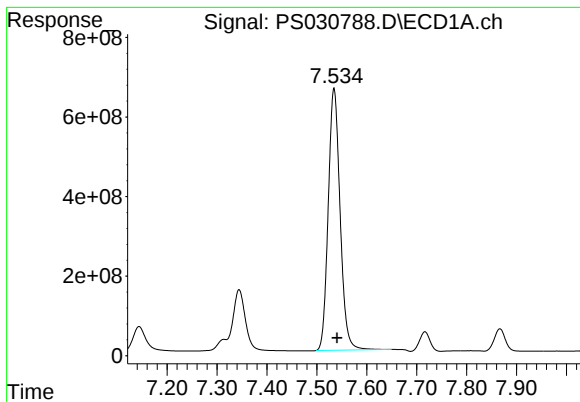
#4 2,4-DCAA

R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 2701582099
Conc: 735.25 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 784306994
Conc: 731.65 ng/ml



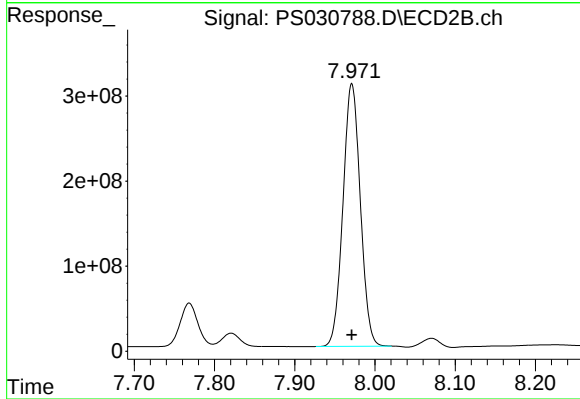
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 10861294511
Conc: 713.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

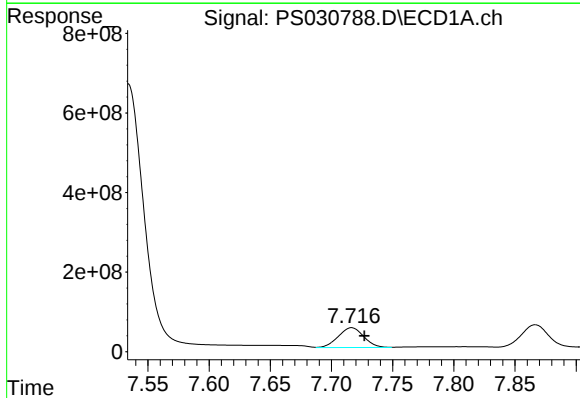
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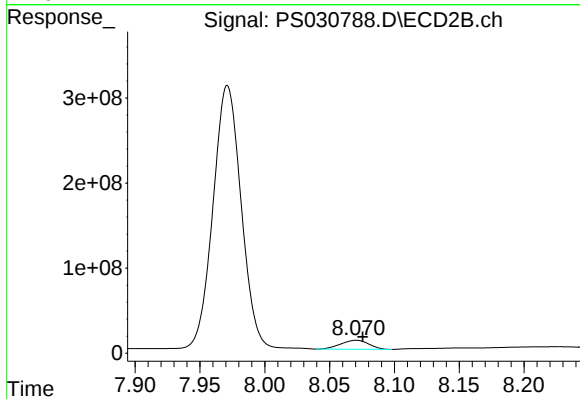
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4645144552
Conc: 708.83 ng/ml



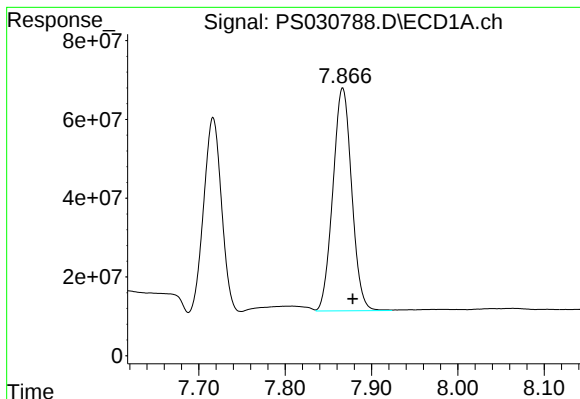
#6 MCPP

R.T.: 7.716 min
Delta R.T.: -0.011 min
Response: 721981536
Conc: 76.90 ug/ml m



#6 MCPP

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 160210635
Conc: 76.39 ug/ml



#7 MCPA

R.T.: 7.867 min
Delta R.T.: -0.011 min
Response: 856881707
Conc: 73.05 ug/ml

Instrument :

ECD_S

ClientSampleId :

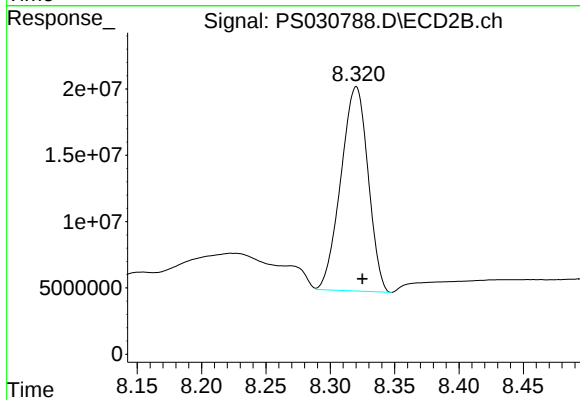
HSTDCCC750

Manual Integrations

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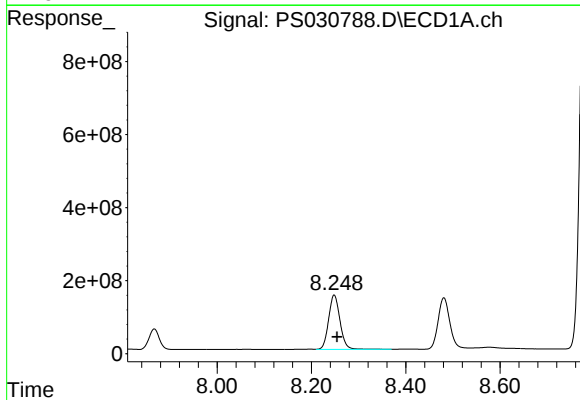
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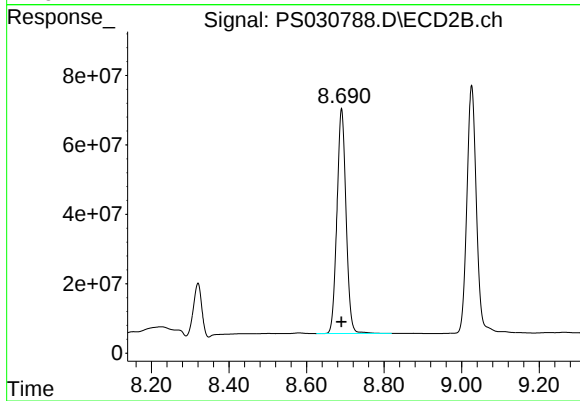
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.005 min
Response: 226474150
Conc: 71.99 ug/ml



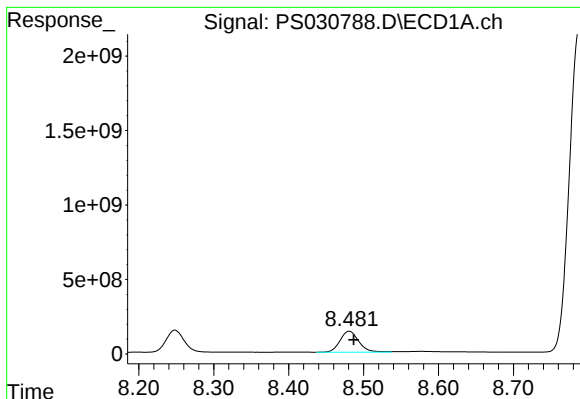
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.006 min
Response: 2489015190
Conc: 664.49 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1056341491
Conc: 671.76 ng/ml



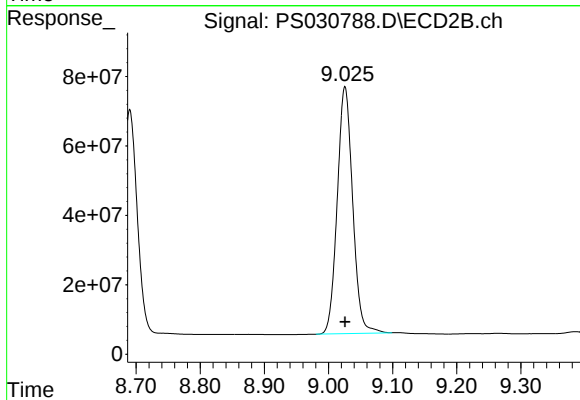
#9 2,4-D

R.T.: 8.481 min
Delta R.T.: -0.006 min
Response: 2452829353
Conc: 712.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
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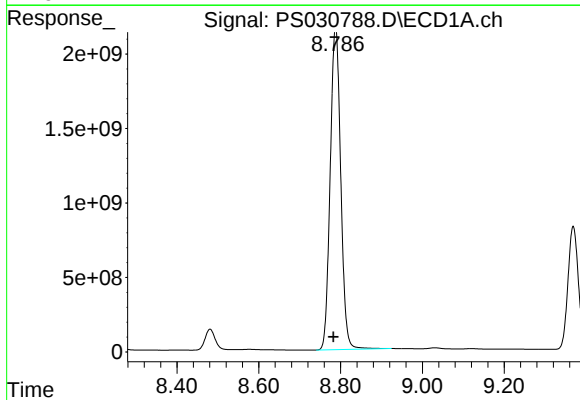
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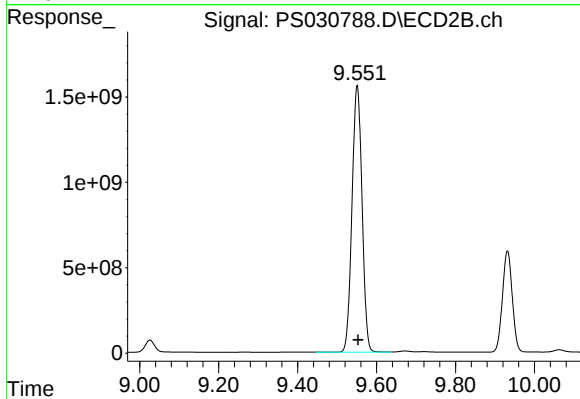
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 1189483260
Conc: 699.94 ng/ml m



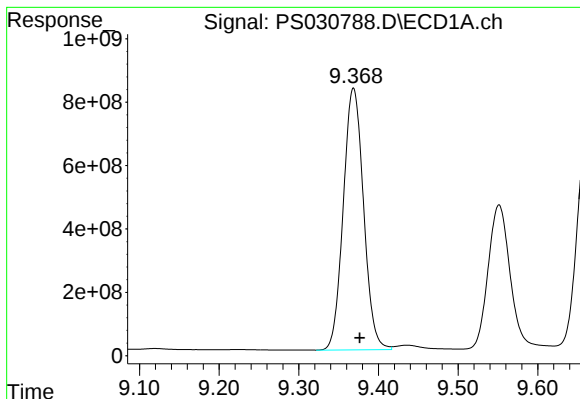
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 38532487995
Conc: 728.05 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 27581355921
Conc: 723.50 ng/ml



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

R.T.: 9.369 min
Delta R.T.: -0.008 min
Response: 14618089802
Conc: 729.79 ng/ml

Instrument :

ECD_S

ClientSampleId :

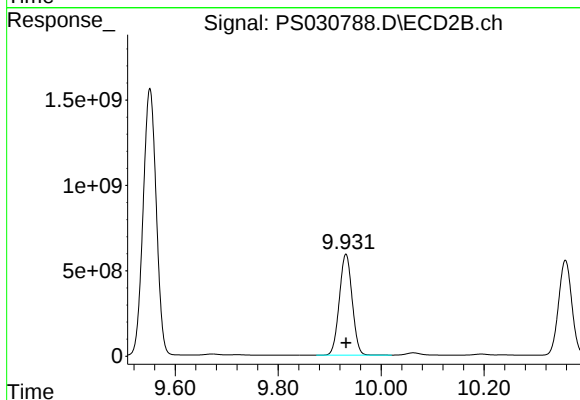
HSTDCCC750

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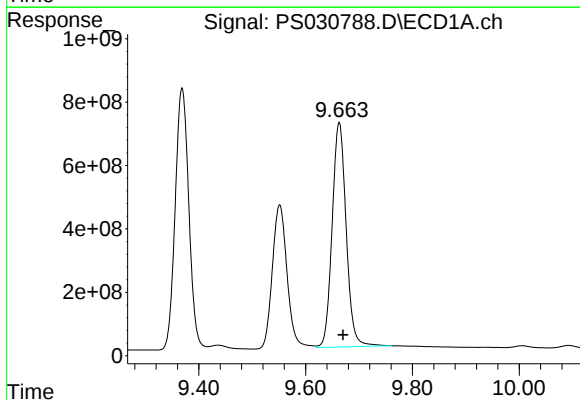
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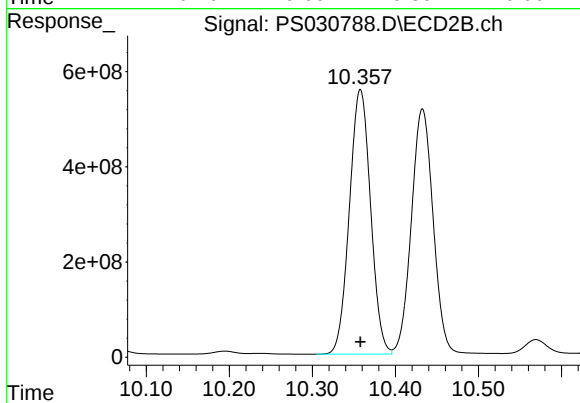
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 10233887202
Conc: 709.27 ng/ml



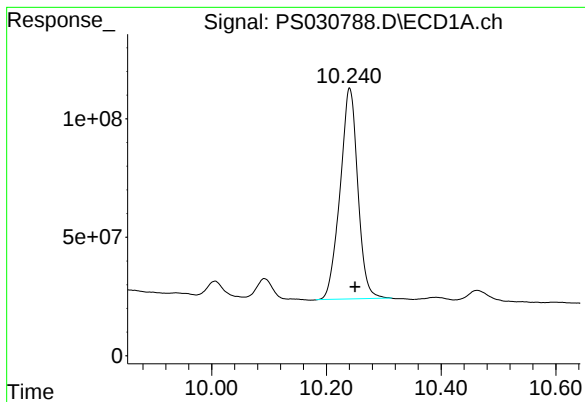
#12 2,4,5-T

R.T.: 9.663 min
Delta R.T.: -0.007 min
Response: 12901336486
Conc: 784.13 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 9857033110
Conc: 721.35 ng/ml



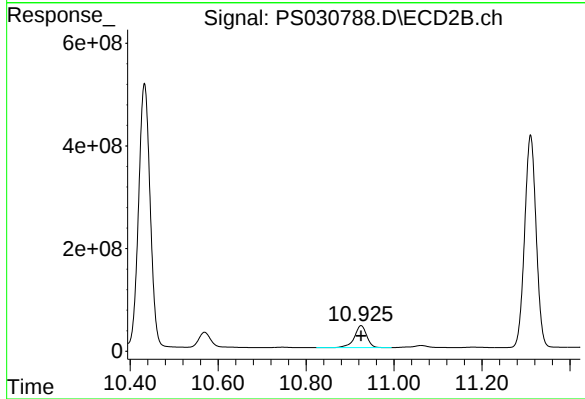
#13 2,4-DB

R.T.: 10.240 min
Delta R.T.: -0.010 min
Response: 1906217054
Conc: 831.14 ng/ml

Instrument :
ECD_S
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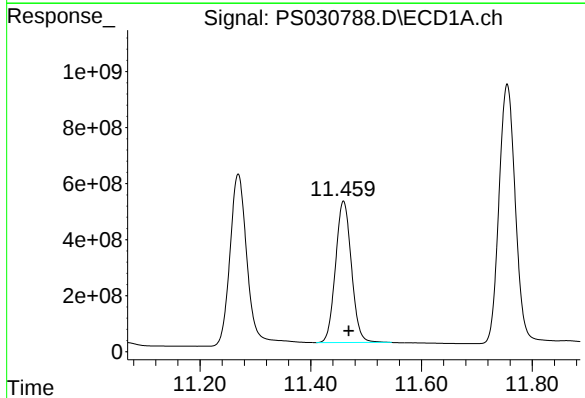
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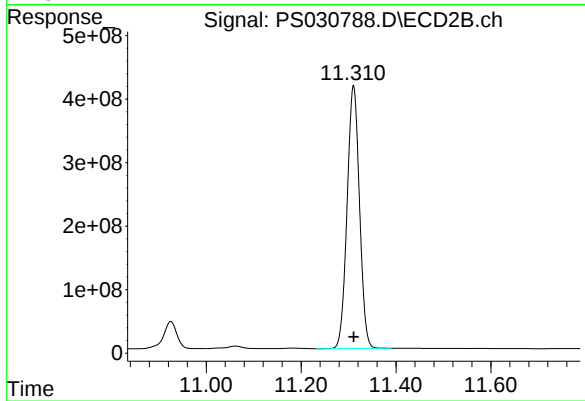
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 835419554
Conc: 706.24 ng/ml



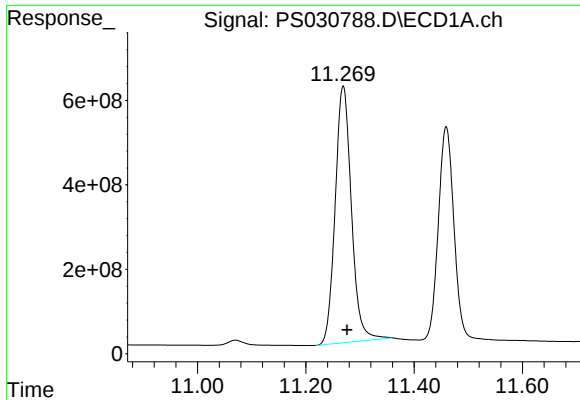
#14 DINOSEB

R.T.: 11.459 min
Delta R.T.: -0.010 min
Response: 10045245401
Conc: 724.08 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 7488588311
Conc: 694.59 ng/ml



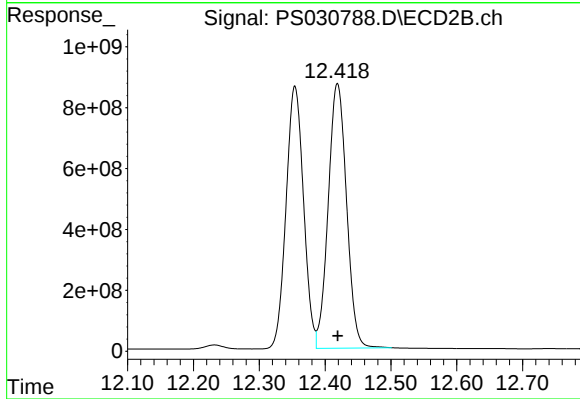
#15 Picloram

R.T.: 11.269 min
Delta R.T.: -0.008 min
Response: 12663754931
Conc: 787.74 ng/ml

Instrument :
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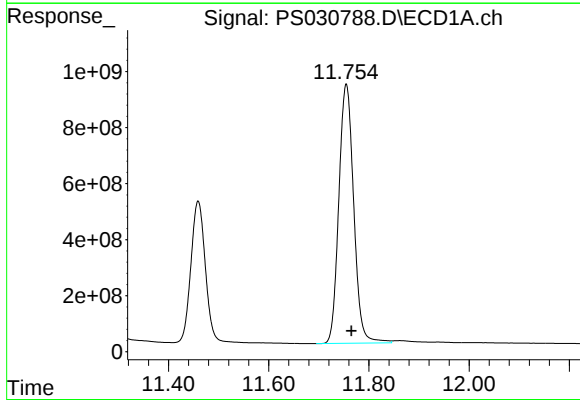
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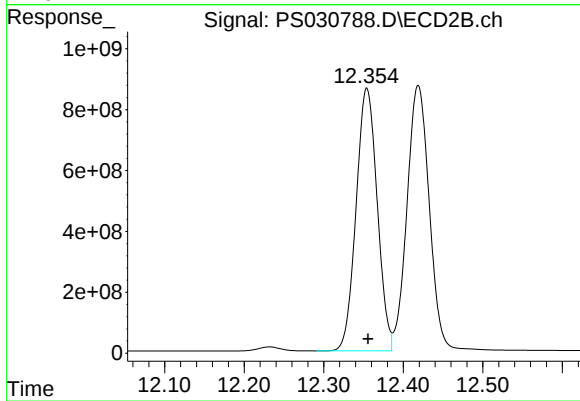
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 16810498612
Conc: 723.30 ng/ml



#16 DCPA

R.T.: 11.755 min
Delta R.T.: -0.010 min
Response: 19050525760
Conc: 743.69 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 15917630618
Conc: 722.12 ng/ml m