

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 19:05
 Operator : AR\AJ
 Sample : Q2130-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:56:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.360	7.768	945.1E6	221.1E6	250.359	205.578m
Target Compounds							
1) T	Dalapon	2.705	2.703	410.9E6	1668.9E6	72.772m	609.080 #
2) T	3,5-DICHL...	6.518	6.714	1281.2E6	363.5E6	236.112	232.388m
3) T	4-Nitroph...	7.159	7.300	378.6E6	334.3E6	206.465	213.290
5) T	DICAMBA	7.552	7.972	3454.8E6	1367.1E6	224.013	212.232m
6) T	MCP	7.731	8.069	185.1E6	36388576	18.692m	15.742
7) T	MCPA	7.881	8.315	244.2E6	61882677	19.244	20.053m
8) T	DICHLORPROP	8.268	8.692	913.2E6	367.2E6	250.994	247.402
9) T	2,4-D	8.499	9.027	982.6E6	404.2E6	269.679	257.092m
10) T	Pentachlo...	8.808	9.554	12664.6E6	8049.7E6	249.371	222.749
11) T	2,4,5-TP ...	9.390	9.934	4917.9E6	3428.4E6	237.979	249.939
12) T	2,4,5-T	9.685	10.361	4019.1E6	2893.6E6	218.059	221.610
13) T	2,4-DB	10.265	10.928	369.9E6	233.0E6	121.833m	202.688 #
14) T	DINOSEB	11.487	11.315	634.8E6	548.6E6	44.160	54.587
15) T	Picloram	11.292	12.422	3310.3E6	3579.2E6	165.473m	162.072m
16) T	DCPA	11.779	12.358	4901.6E6	4554.7E6	185.384	222.584m

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

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Acq On : 09 Jun 2025 19:05
Operator : AR\AJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

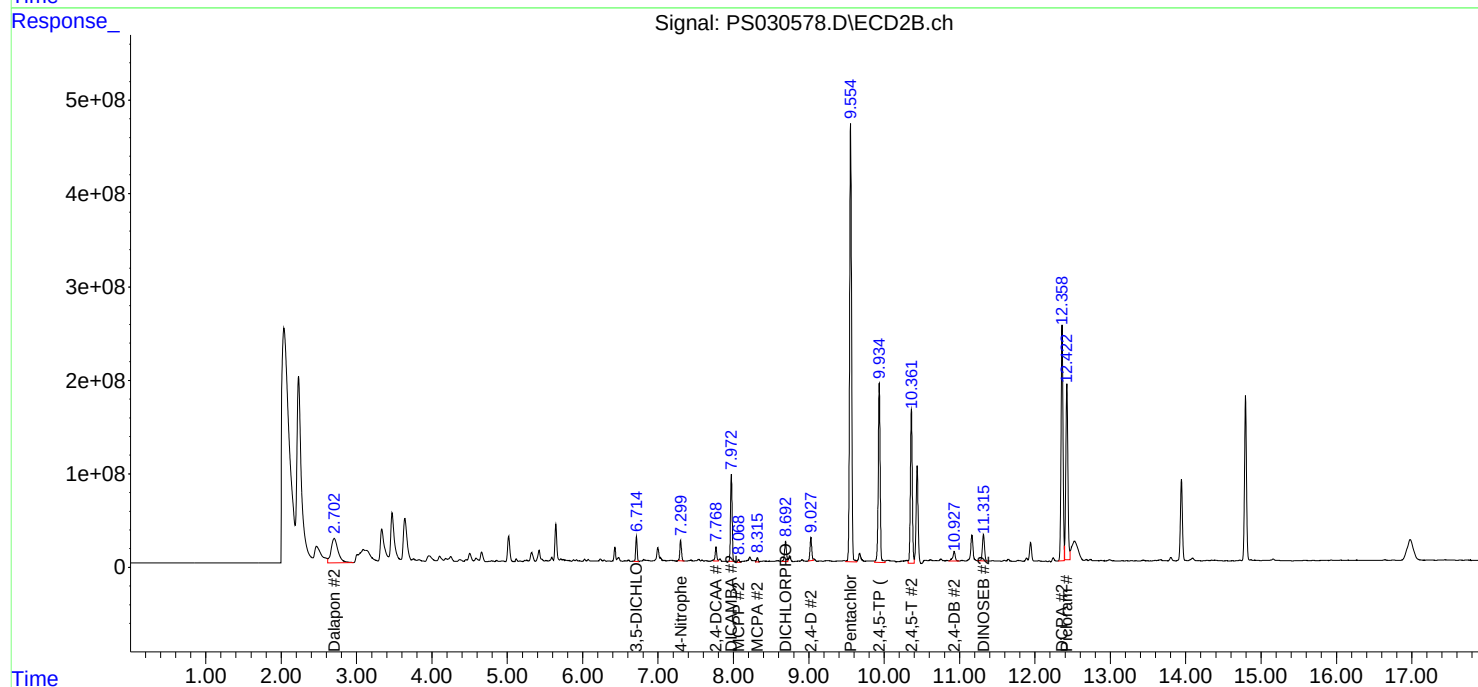
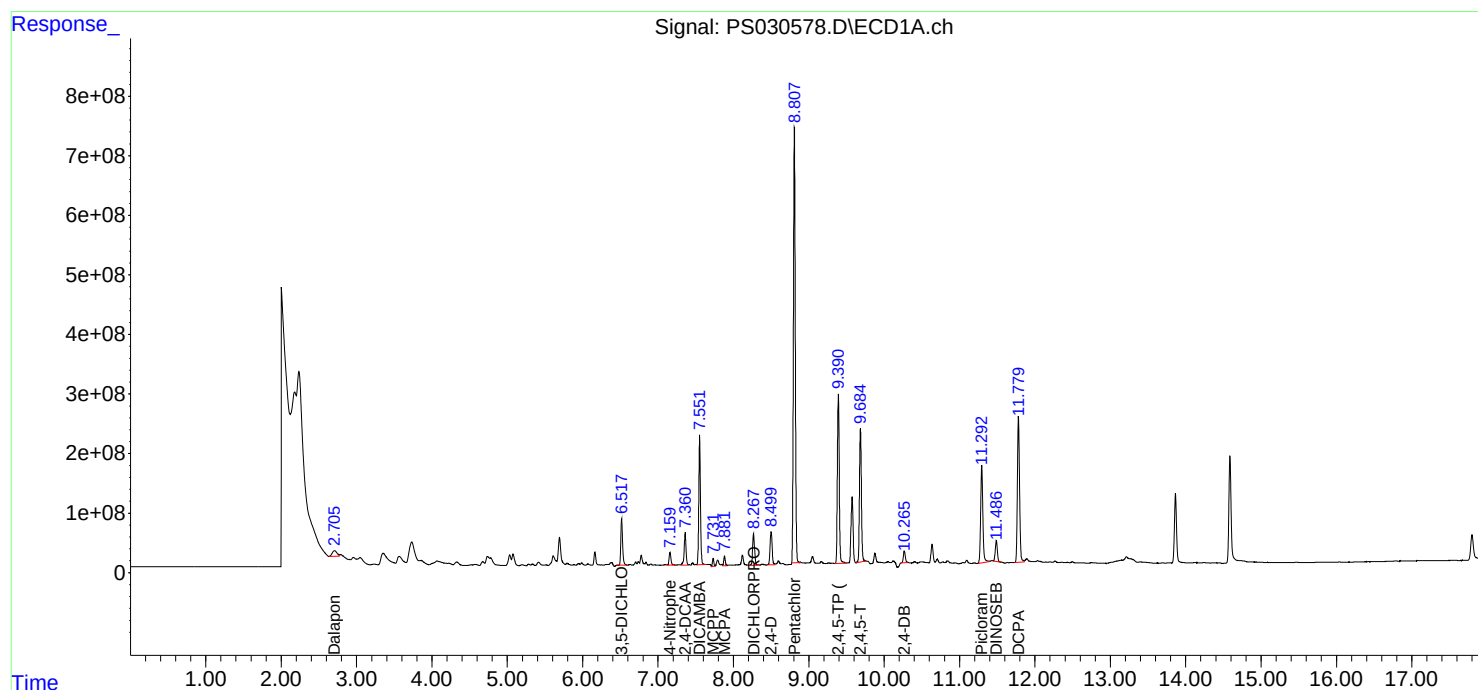
Instrument :
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ClientSampleId :
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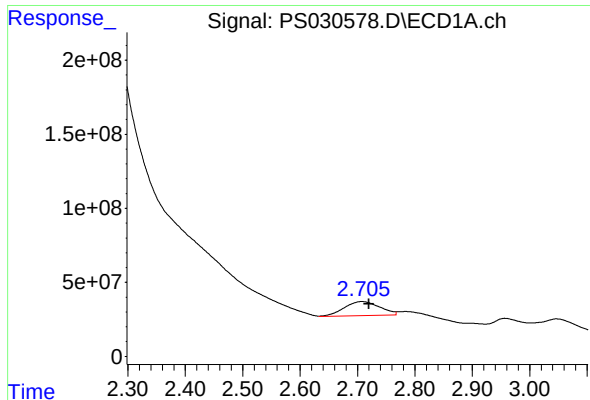
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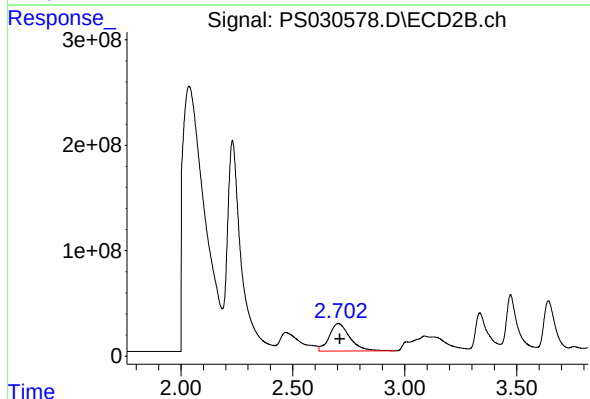
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.015 min
Response: 410943296
Conc: 72.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

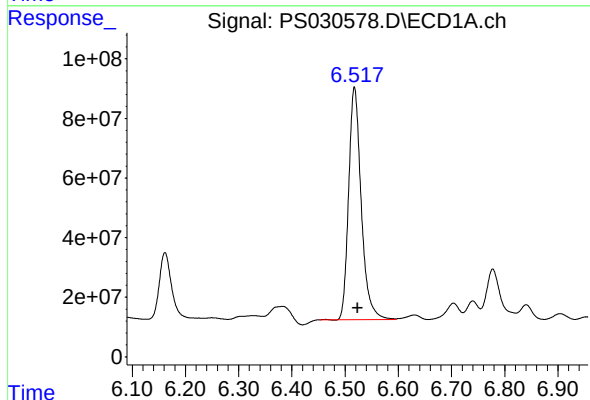
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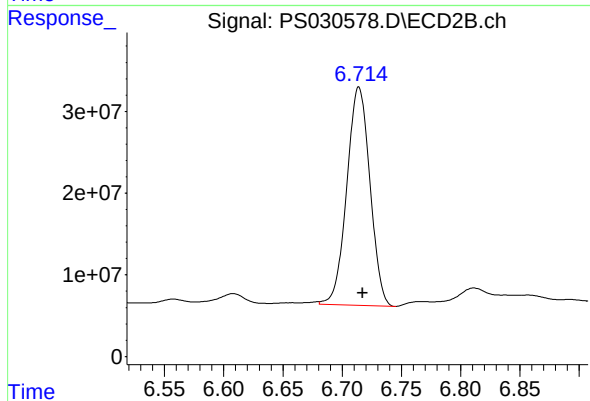
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.008 min
Response: 1668888742
Conc: 609.08 ng/ml



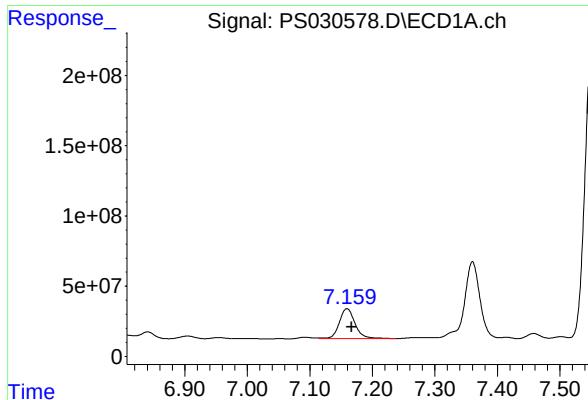
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 1281225336
Conc: 236.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 363511675
Conc: 232.39 ng/ml m



#3 4-Nitrophenol

R.T.: 7.159 min
Delta R.T.: -0.007 min
Response: 378605634
Conc: 206.46 ng/ml

Instrument :

ECD_S

ClientSampleId :

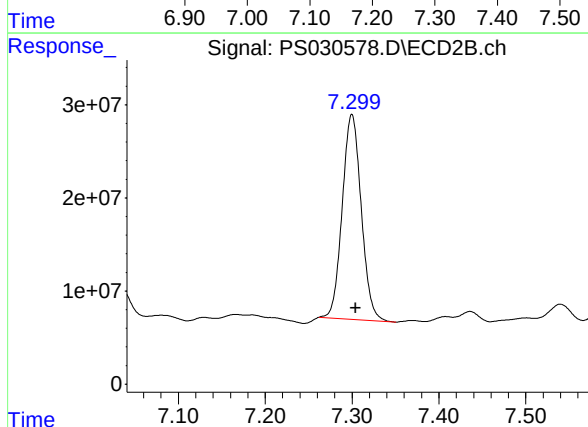
TP-3MSD

Manual Integrations

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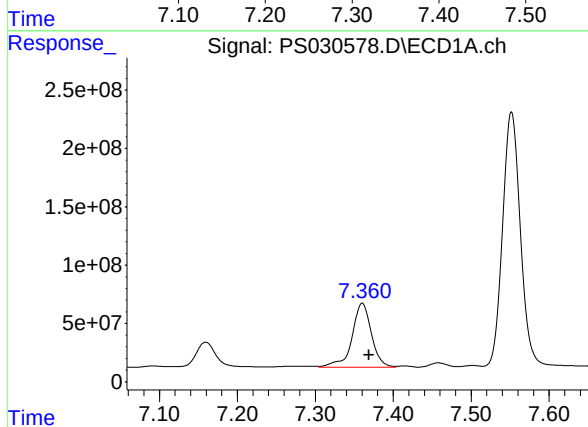
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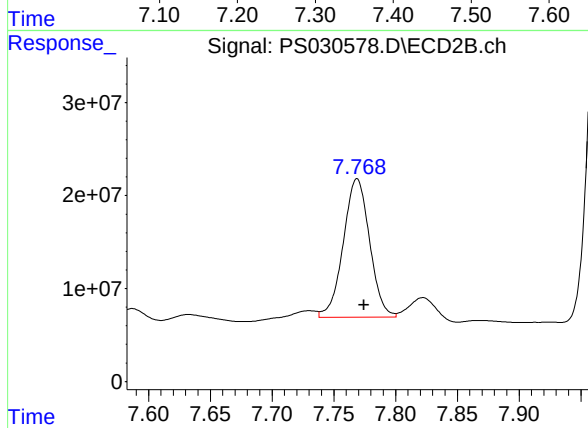
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 334277567
Conc: 213.29 ng/ml



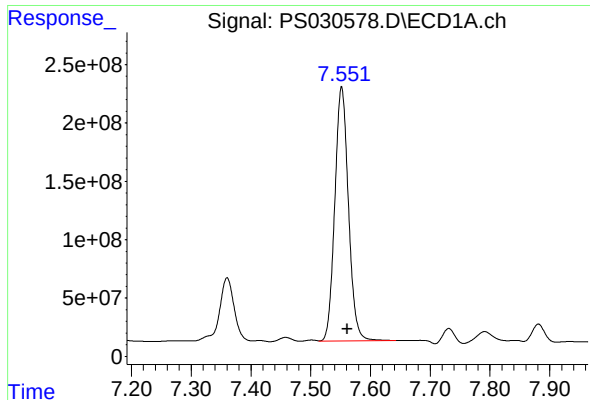
#4 2,4-DCAA

R.T.: 7.360 min
Delta R.T.: -0.009 min
Response: 945142986
Conc: 250.36 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 221122296
Conc: 205.58 ng/ml m



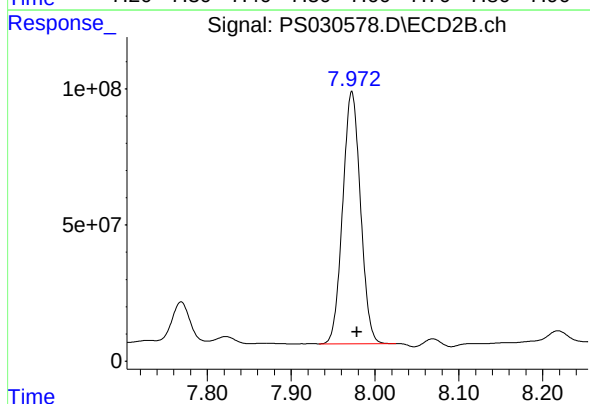
#5 DICAMBA

R.T.: 7.552 min
Delta R.T.: -0.009 min
Response: 3454849582
Conc: 224.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

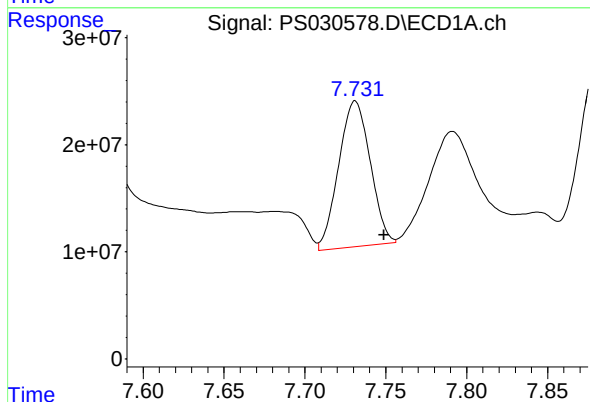
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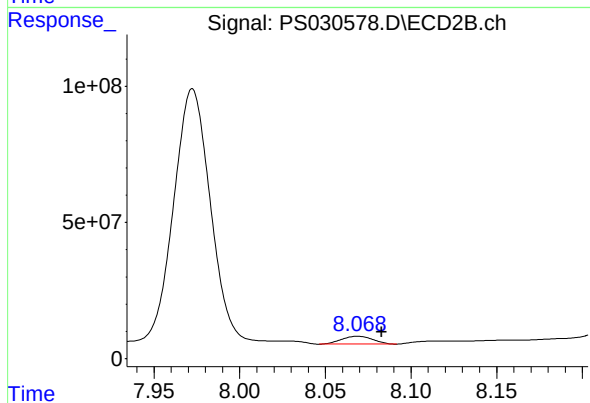
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 1367126751
Conc: 212.23 ng/ml



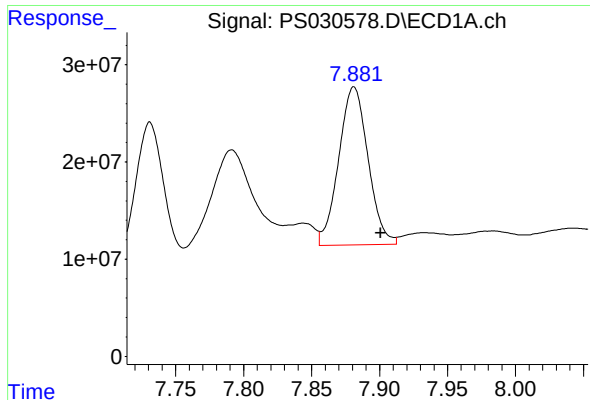
#6 MCPP

R.T.: 7.731 min
Delta R.T.: -0.018 min
Response: 185140317
Conc: 18.69 ug/ml



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.014 min
Response: 36388576
Conc: 15.74 ug/ml



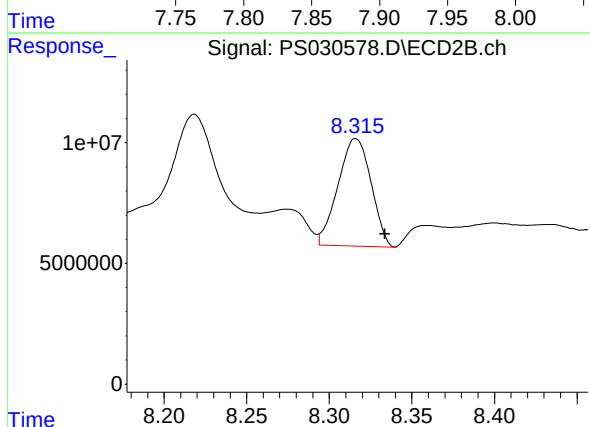
#7 MCPA

R.T.: 7.881 min
Delta R.T.: -0.020 min
Response: 244191658
Conc: 19.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

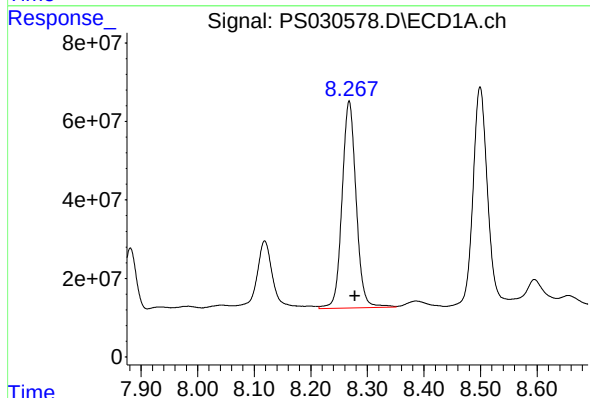
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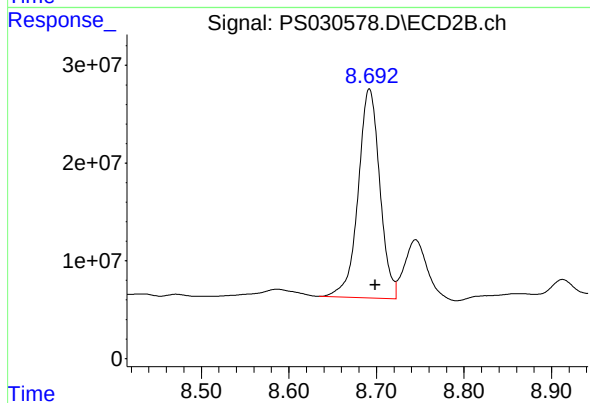
#7 MCPA

R.T.: 8.315 min
Delta R.T.: -0.018 min
Response: 61882677
Conc: 20.05 ug/ml



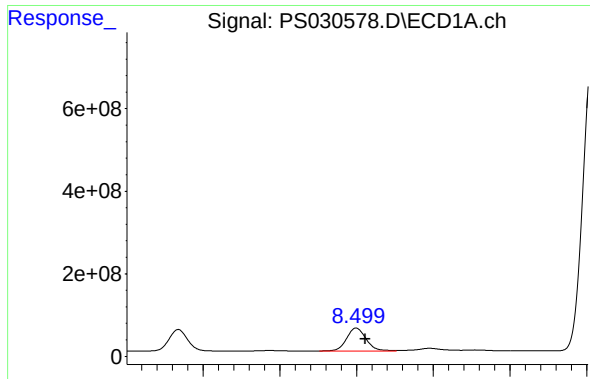
#8 DICHLORPROP

R.T.: 8.268 min
Delta R.T.: -0.010 min
Response: 913151015
Conc: 250.99 ng/ml



#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: -0.007 min
Response: 367195707
Conc: 247.40 ng/ml



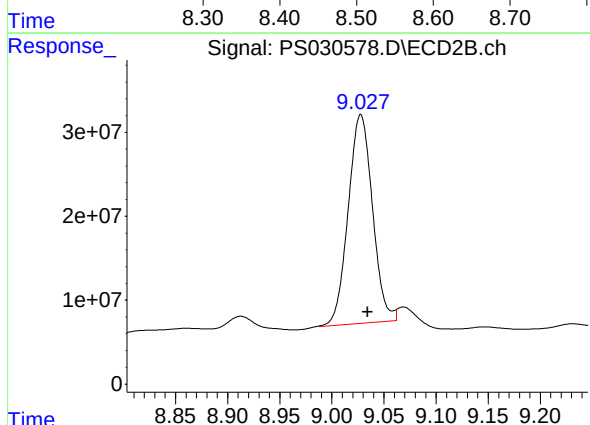
#9 2,4-D

R.T.: 8.499 min
Delta R.T.: -0.012 min
Response: 982604432
Conc: 269.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

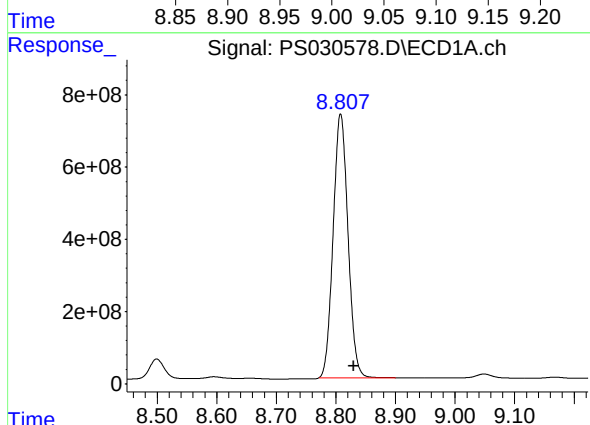
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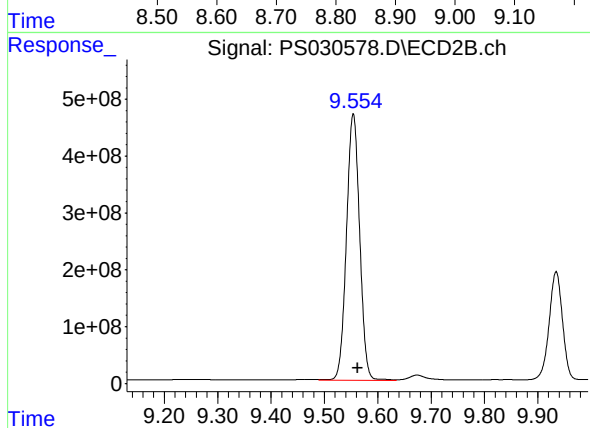
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: -0.007 min
Response: 404231400
Conc: 257.09 ng/ml



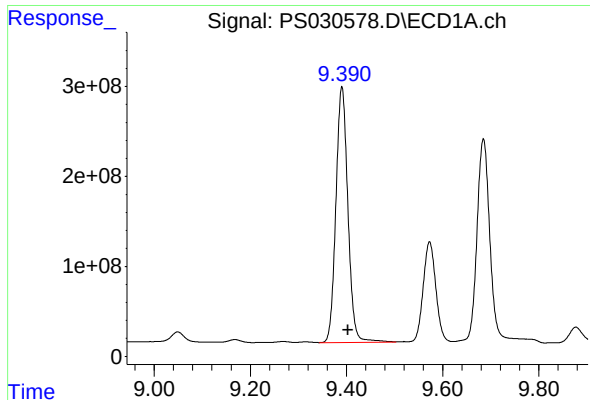
#10 Pentachlorophenol

R.T.: 8.808 min
Delta R.T.: -0.022 min
Response: 12664582590
Conc: 249.37 ng/ml



#10 Pentachlorophenol

R.T.: 9.554 min
Delta R.T.: -0.009 min
Response: 8049719092
Conc: 222.75 ng/ml



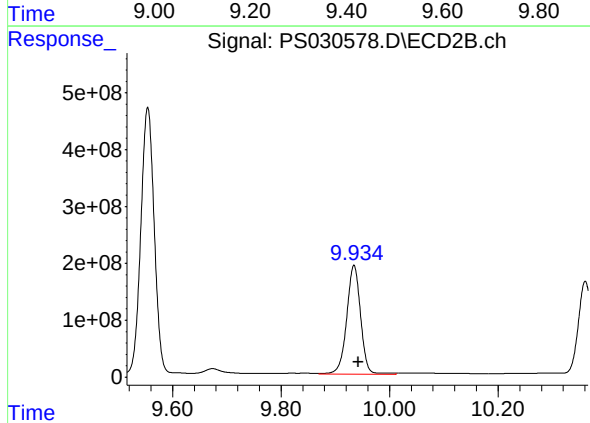
#11 2,4,5-TP (SILVEX)

R.T.: 9.390 min
Delta R.T.: -0.013 min
Response: 4917865684
Conc: 237.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

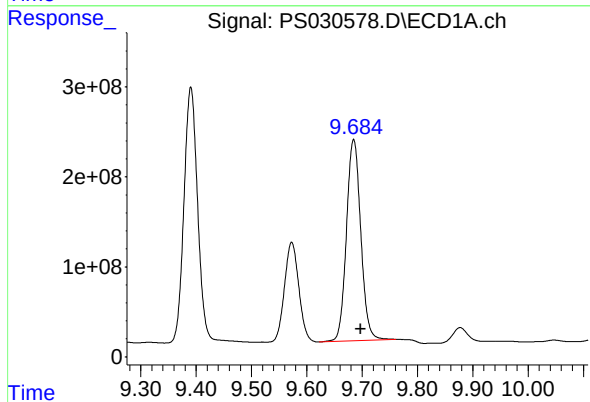
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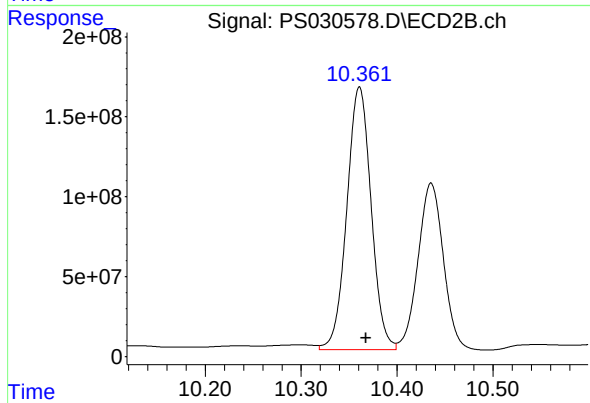
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: -0.008 min
Response: 3428352064
Conc: 249.94 ng/ml



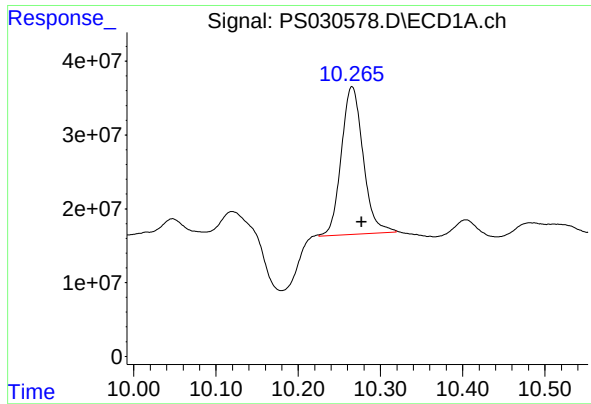
#12 2,4,5-T

R.T.: 9.685 min
Delta R.T.: -0.013 min
Response: 4019066135
Conc: 218.06 ng/ml



#12 2,4,5-T

R.T.: 10.361 min
Delta R.T.: -0.007 min
Response: 2893589353
Conc: 221.61 ng/ml



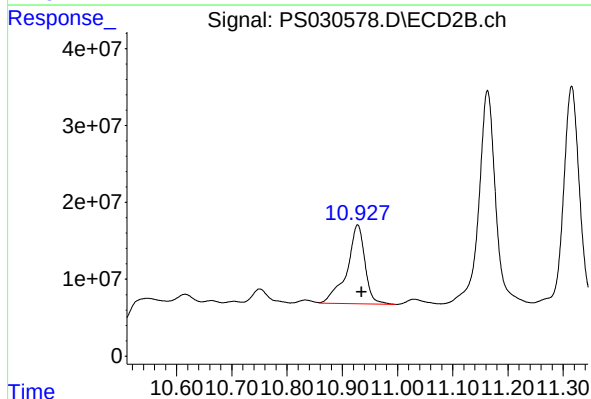
#13 2,4-DB

R.T.: 10.265 min
Delta R.T.: -0.012 min
Response: 369930541
Conc: 121.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-3MSD

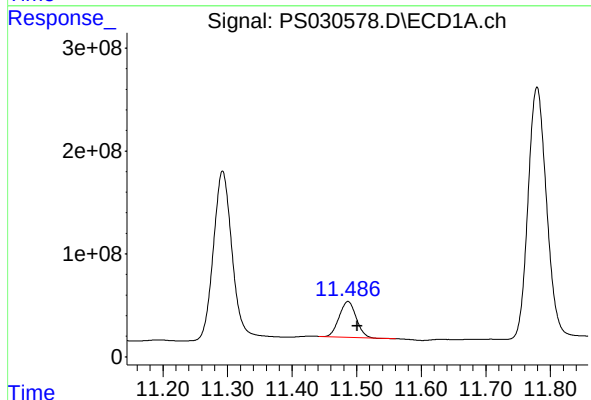
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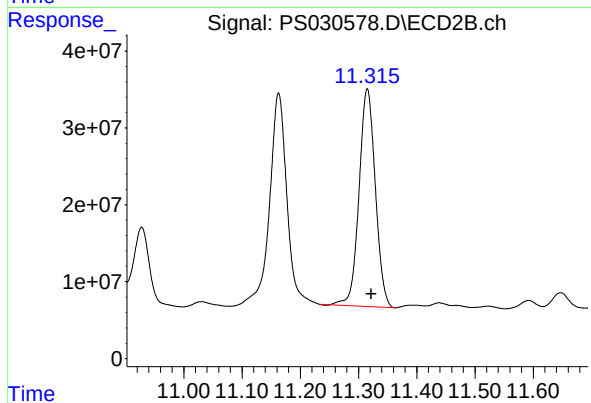
#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: -0.007 min
Response: 233000582
Conc: 202.69 ng/ml



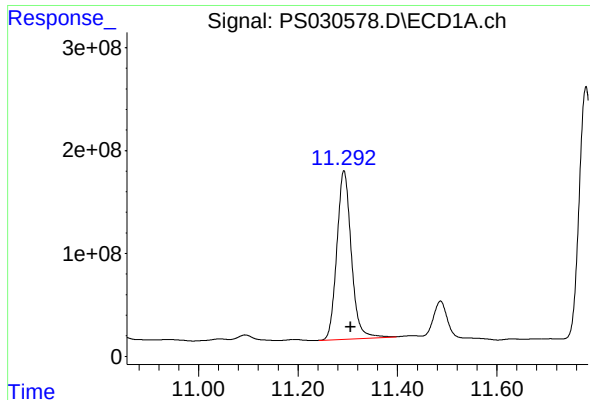
#14 DINOSEB

R.T.: 11.487 min
Delta R.T.: -0.015 min
Response: 634790167
Conc: 44.16 ng/ml



#14 DINOSEB

R.T.: 11.315 min
Delta R.T.: -0.007 min
Response: 548608898
Conc: 54.59 ng/ml



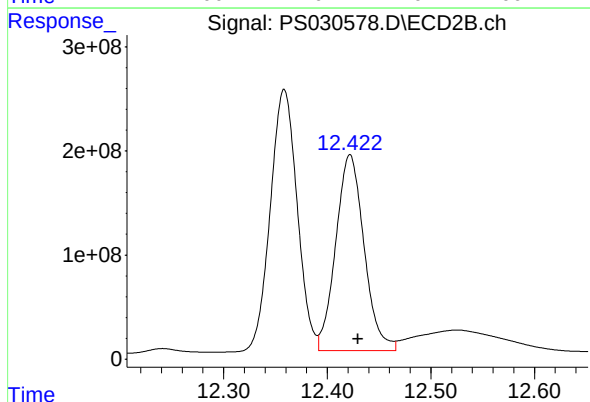
#15 Picloram

R.T.: 11.292 min
Delta R.T.: -0.014 min
Response: 3310262339
Conc: 165.47 ng/ml

Instrument :
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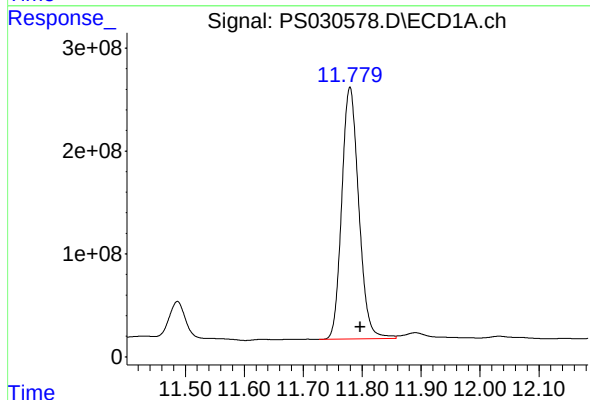
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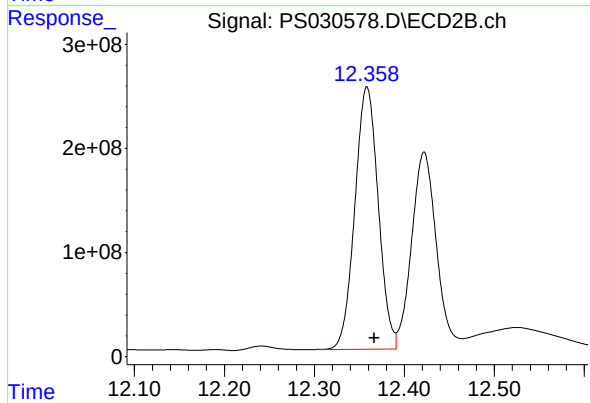
#15 Picloram

R.T.: 12.422 min
Delta R.T.: -0.008 min
Response: 3579169335
Conc: 162.07 ng/ml m



#16 DCPA

R.T.: 11.779 min
Delta R.T.: -0.018 min
Response: 4901579599
Conc: 185.38 ng/ml



#16 DCPA

R.T.: 12.358 min
Delta R.T.: -0.009 min
Response: 4554714101
Conc: 222.58 ng/ml m