

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062325\
 Data File : PS030799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 15:25
 Operator : AR\AJ
 Sample : Q2126-09
 Misc : MDL WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:53:05 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	456.4E6	129.5E6	124.216m	120.765
Target Compounds							
1) T	Dalapon	2.706	2.710	468.3E6	277.6E6	78.503	101.249 #
2) T	3,5-DICHL...	6.504	6.714	611.0E6	174.6E6	113.624	108.233
3) T	4-Nitroph...	7.145	7.302	181.8E6	170.3E6	115.279	98.224
5) T	DICAMBA	7.534	7.970	1504.2E6	658.4E6	98.865	100.463
6) T	MCPD	7.712	8.065	54733518	13582537	5.830	6.476m
7) T	MCPA	7.862	8.311	98722487	23656747	8.416	7.520
8) T	DICHLORPROP	8.248	8.689	468.8E6	196.6E6	125.146m	125.052
9) T	2,4-D	8.481	9.025	440.9E6	227.0E6	128.018m	133.576m
10) T	Pentachlo...	8.787	9.549	6946.0E6	3878.9E6	131.241m	101.750
11) T	2,4,5-TP ...	9.368	9.930	2316.8E6	1543.9E6	115.664	107.004
12) T	2,4,5-T	9.663	10.357	1724.3E6	1402.3E6	104.803	102.619
13) T	2,4-DB	10.242	10.924	213.9E6	131.3E6	93.279	111.018
14) T	DINOSEB	11.458	11.308	1512.6E6	1108.2E6	109.029	102.790
15) T	Picloram	11.271	12.419	1648.3E6	2248.6E6	102.532	96.750m
16) T	DCPA	11.754	12.352	2885.2E6	2257.9E6	112.632	102.432

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

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Sample : Q2126-09
Misc : MDL WATER
ALS Vial : 7 Sample Multiplier: 1

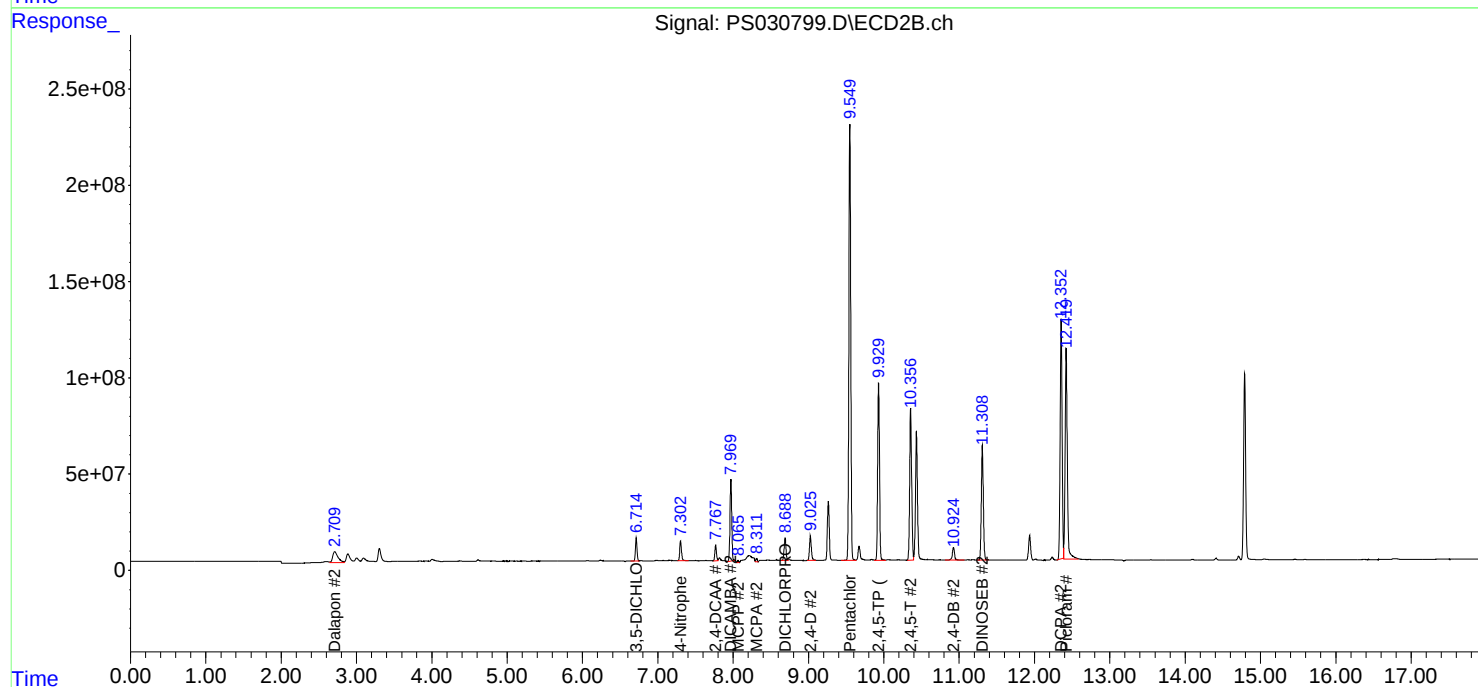
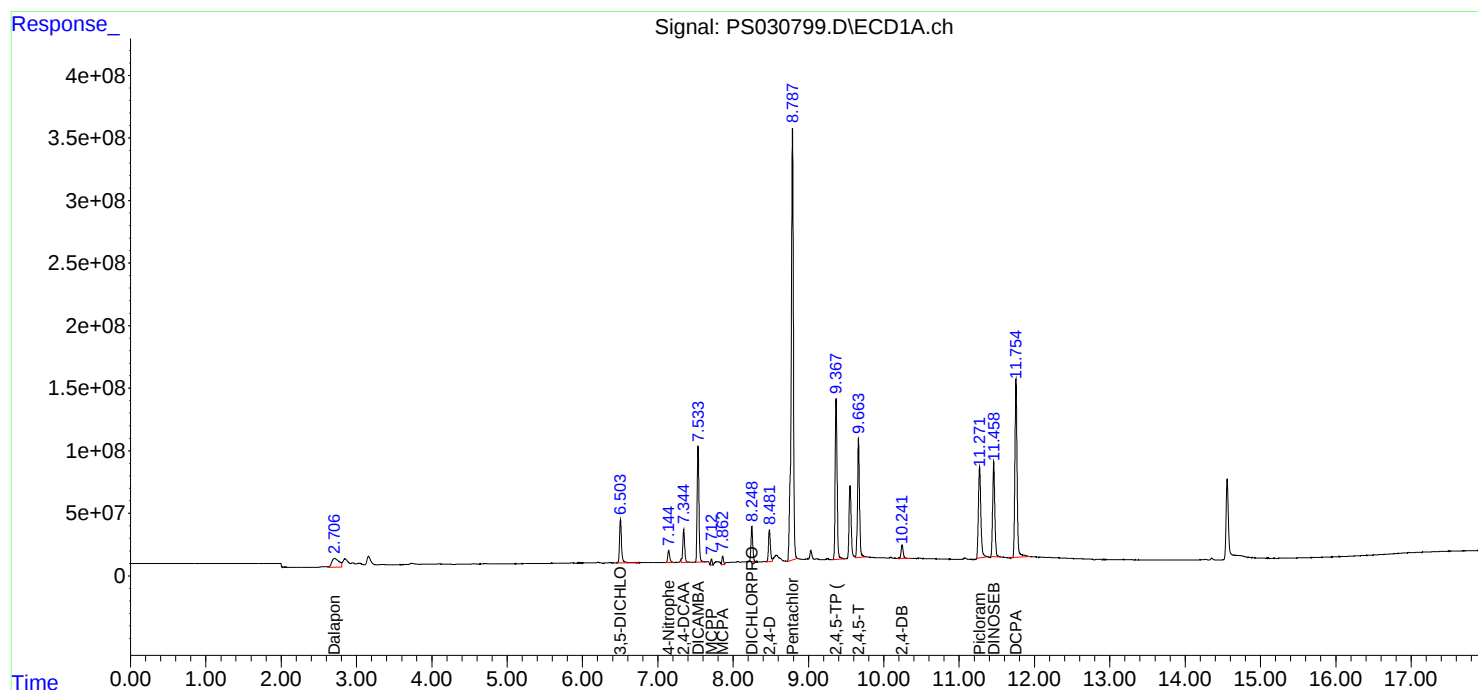
Instrument :
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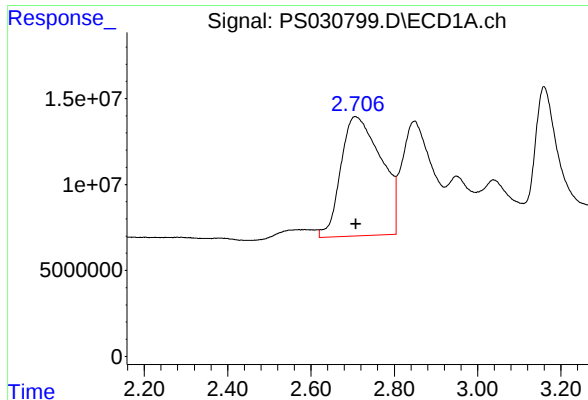
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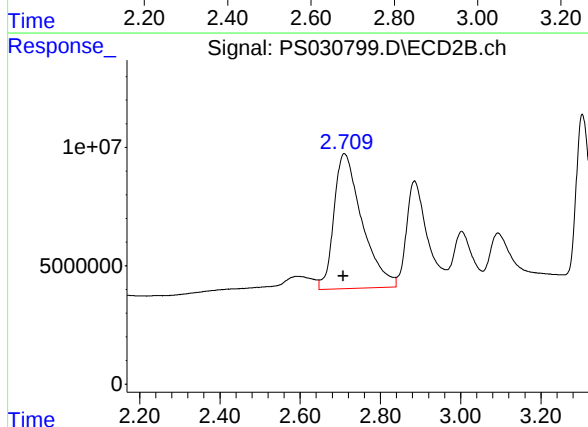
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 468320945
Conc: 78.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2025

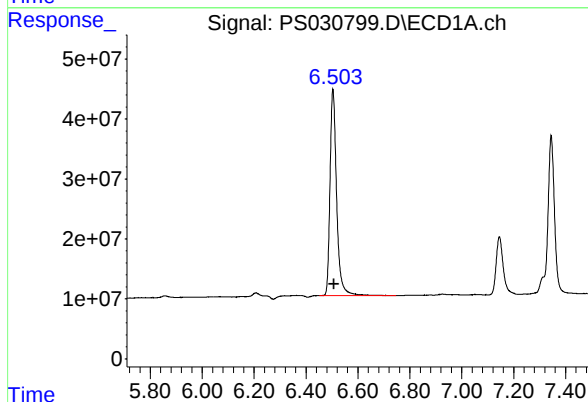
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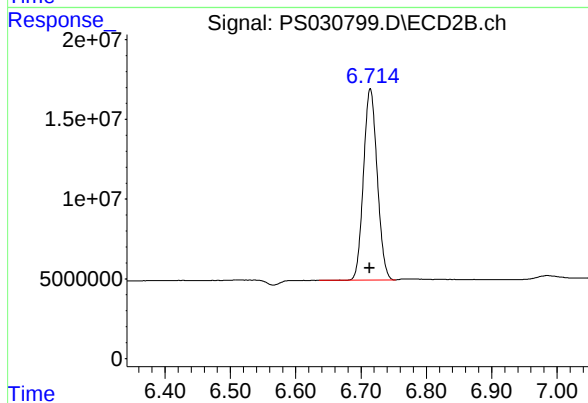
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.002 min
Response: 277599835
Conc: 101.25 ng/ml



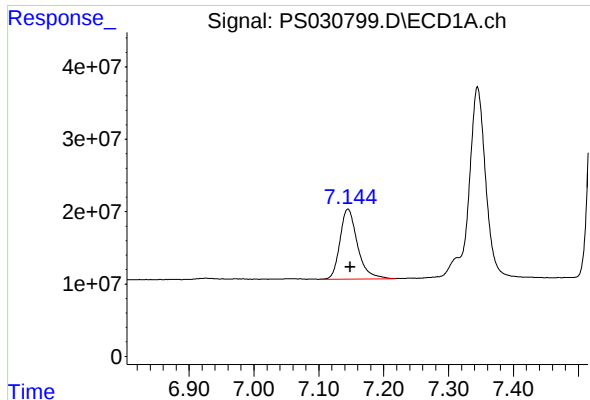
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 611018825
Conc: 113.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 174596618
Conc: 108.23 ng/ml



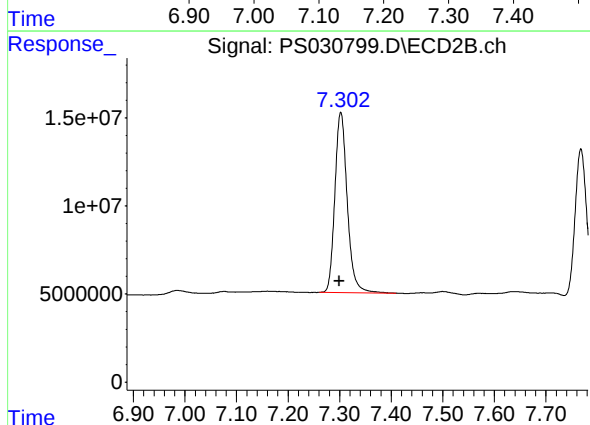
#3 4-Nitrophenol

R.T.: 7.145 min
Delta R.T.: -0.004 min
Response: 181768216
Conc: 115.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2025

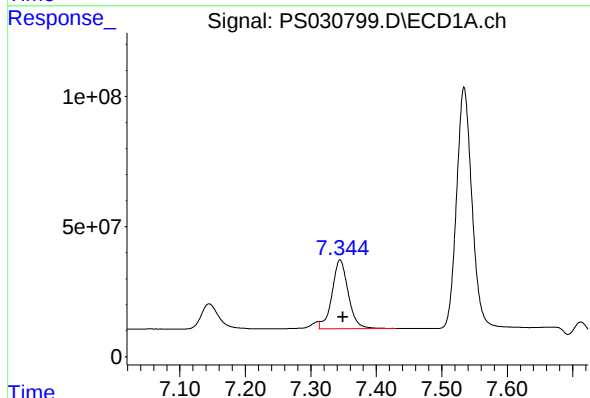
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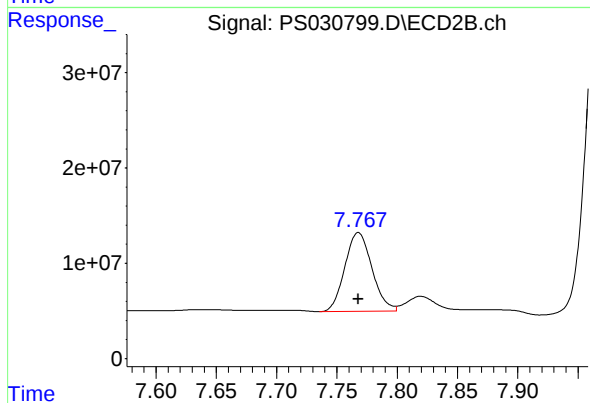
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.003 min
Response: 170274235
Conc: 98.22 ng/ml



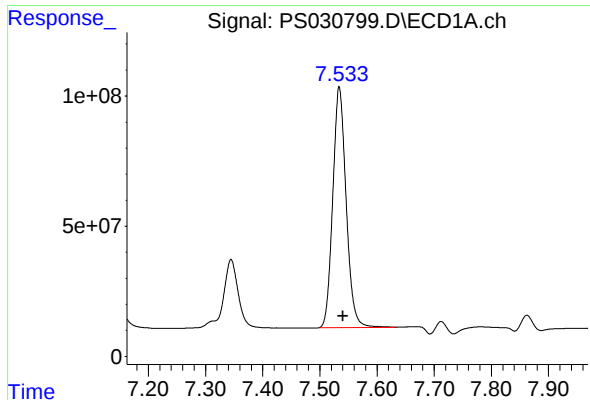
#4 2,4-DCAA

R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 456417400
Conc: 124.22 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 129456024
Conc: 120.77 ng/ml



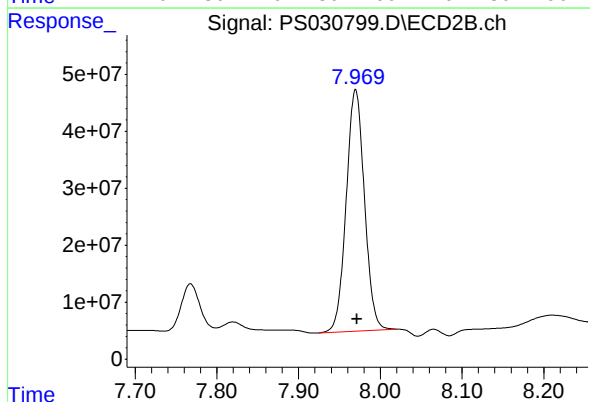
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 1504235198
Conc: 98.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2025

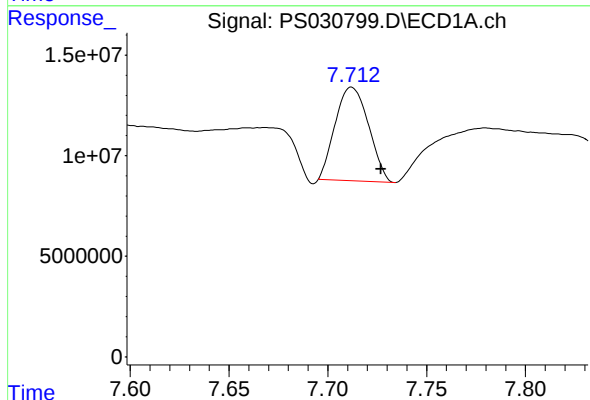
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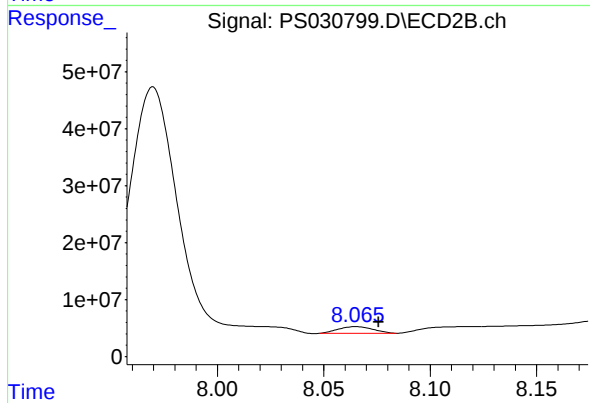
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 658357433
Conc: 100.46 ng/ml



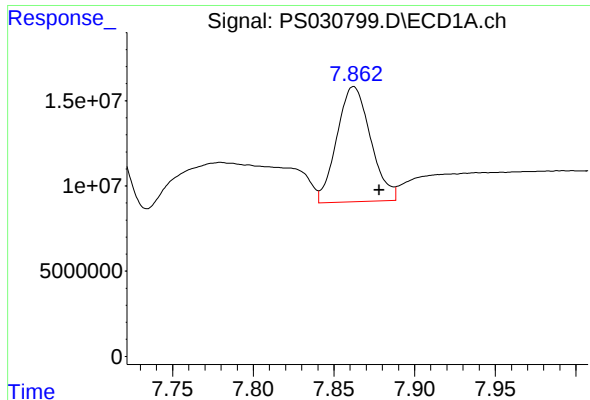
#6 MCP

R.T.: 7.712 min
Delta R.T.: -0.015 min
Response: 54733518
Conc: 5.83 ug/ml



#6 MCP

R.T.: 8.065 min
Delta R.T.: -0.011 min
Response: 13582537
Conc: 6.48 ug/ml m



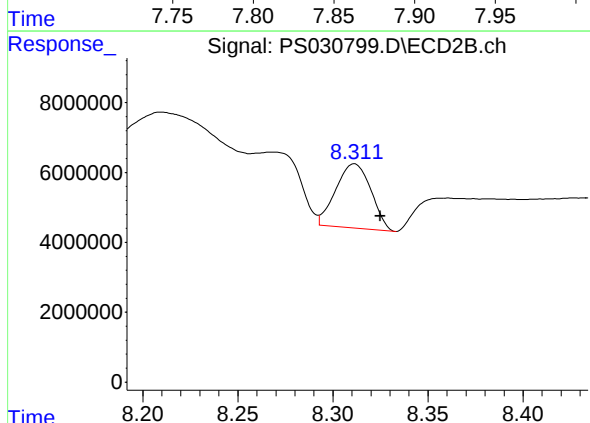
#7 MCPA

R.T.: 7.862 min
Delta R.T.: -0.016 min
Response: 98722487
Conc: 8.42 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2025

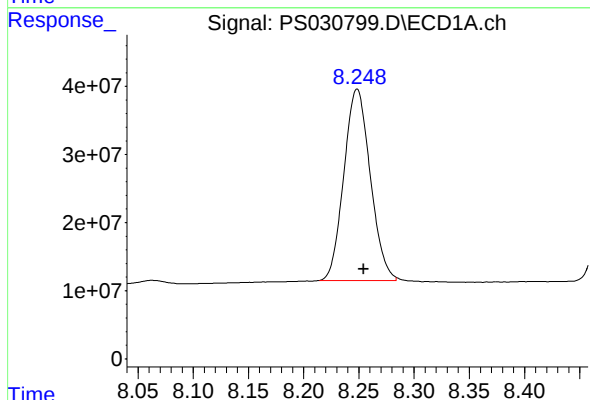
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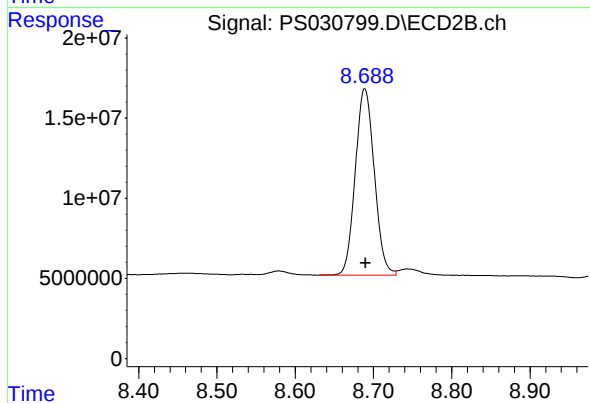
#7 MCPA

R.T.: 8.311 min
Delta R.T.: -0.014 min
Response: 23656747
Conc: 7.52 ug/ml



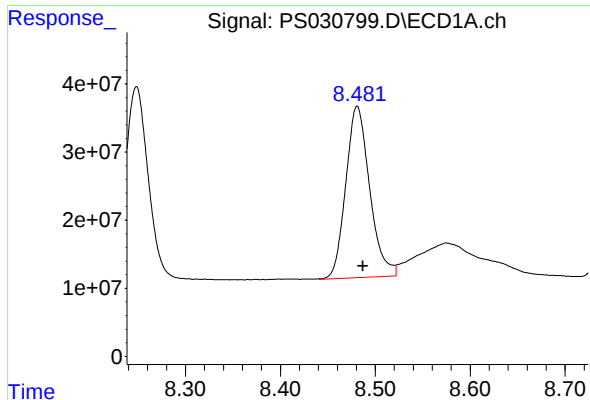
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.006 min
Response: 468765939
Conc: 125.15 ng/ml m



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 196644413
Conc: 125.05 ng/ml



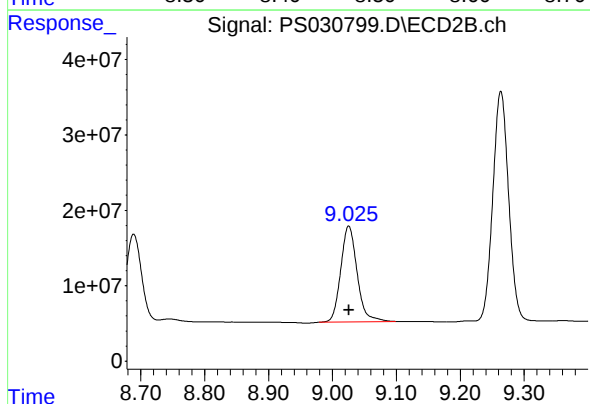
#9 2,4-D

R.T.: 8.481 min
Delta R.T.: -0.006 min
Response: 440947248
Conc: 128.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT2-2025

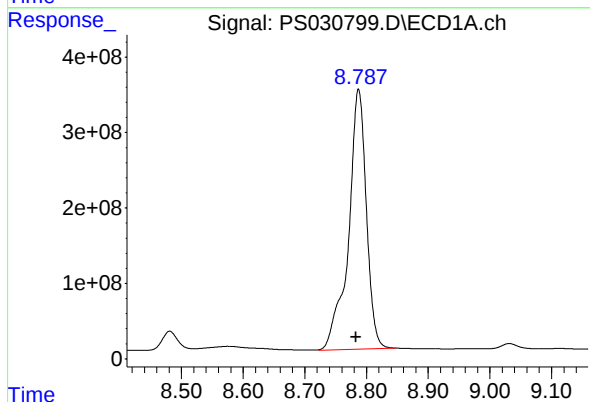
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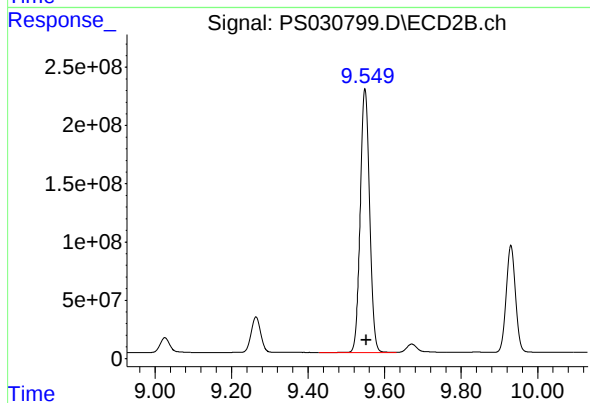
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 226999101
Conc: 133.58 ng/ml



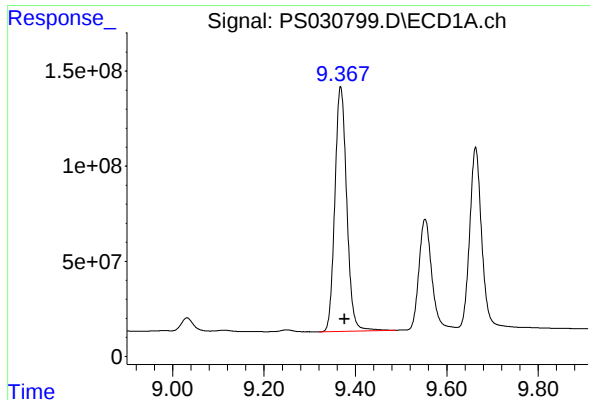
#10 Pentachlorophenol

R.T.: 8.787 min
Delta R.T.: 0.004 min
Response: 6945970032
Conc: 131.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 3878921316
Conc: 101.75 ng/ml



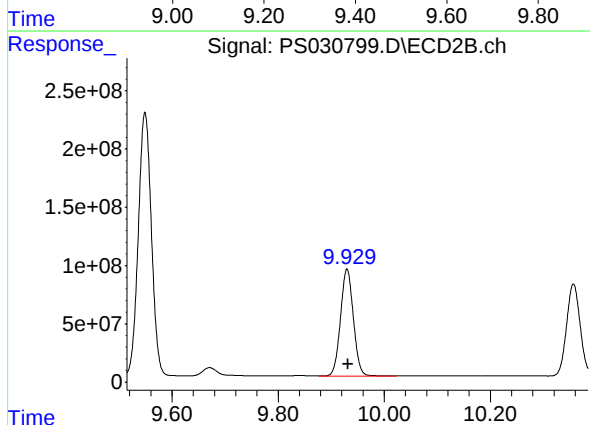
#11 2,4,5-TP (SILVEX)

R.T.: 9.368 min
Delta R.T.: -0.009 min
Response: 2316798384
Conc: 115.66 ng/ml

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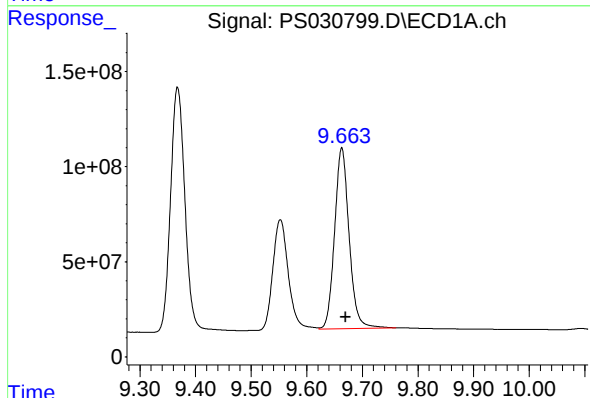
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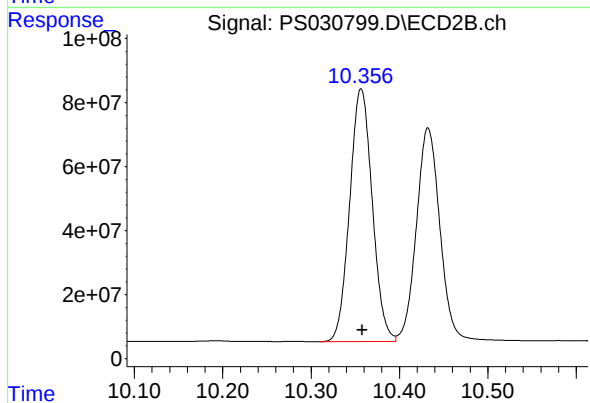
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.002 min
Response: 1543931629
Conc: 107.00 ng/ml



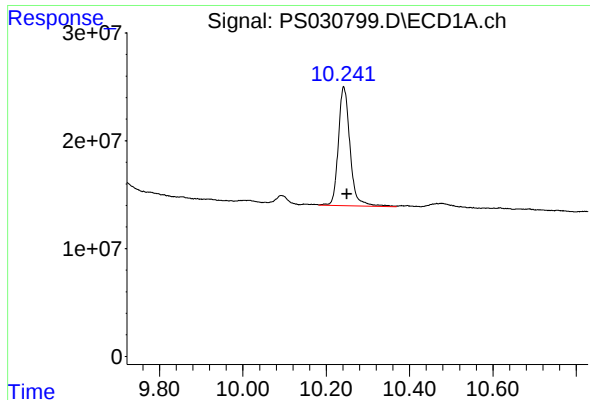
#12 2,4,5-T

R.T.: 9.663 min
Delta R.T.: -0.007 min
Response: 1724333317
Conc: 104.80 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 1402254926
Conc: 102.62 ng/ml



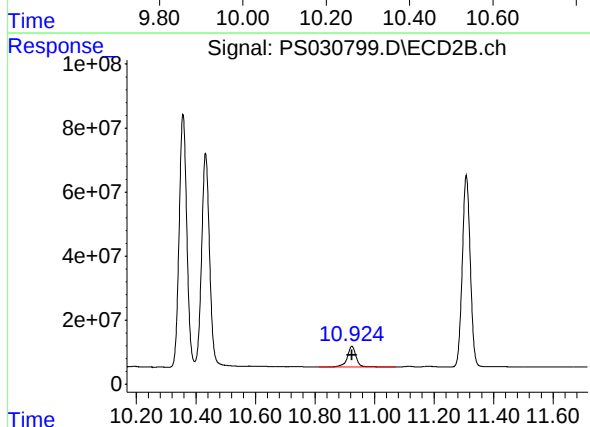
#13 2,4-DB

R.T.: 10.242 min
Delta R.T.: -0.008 min
Response: 213934933
Conc: 93.28 ng/ml

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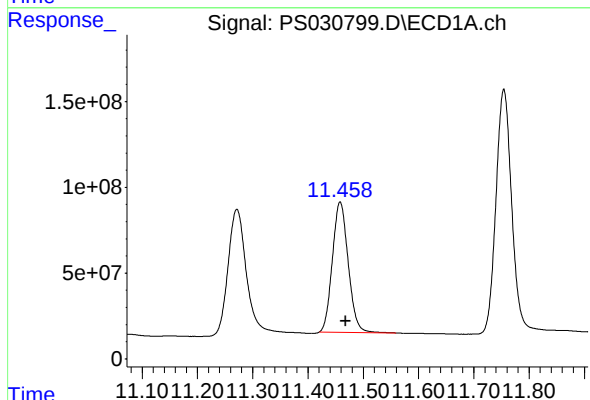
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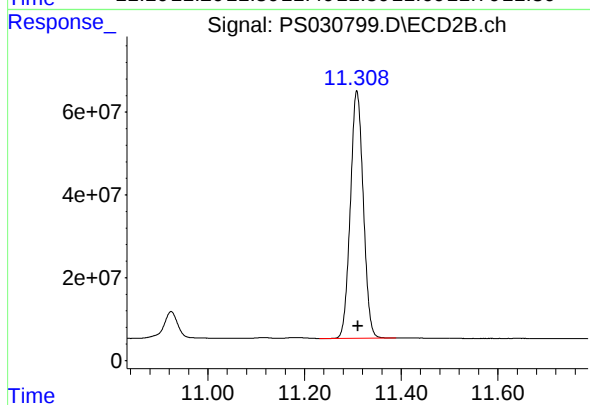
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 131323675
Conc: 111.02 ng/ml



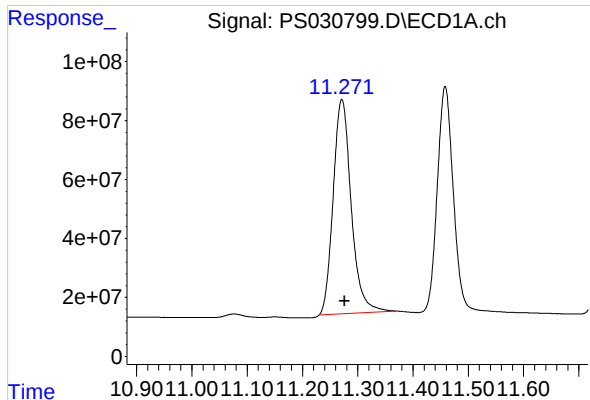
#14 DINOSEB

R.T.: 11.458 min
Delta R.T.: -0.010 min
Response: 1512576909
Conc: 109.03 ng/ml



#14 DINOSEB

R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 1108207823
Conc: 102.79 ng/ml



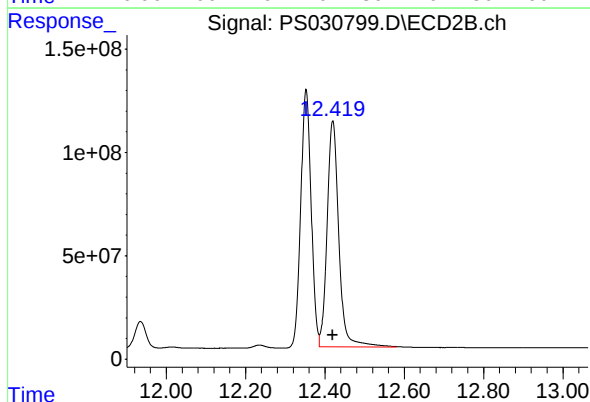
#15 Picloram

R.T.: 11.271 min
Delta R.T.: -0.005 min
Response: 1648323501
Conc: 102.53 ng/ml

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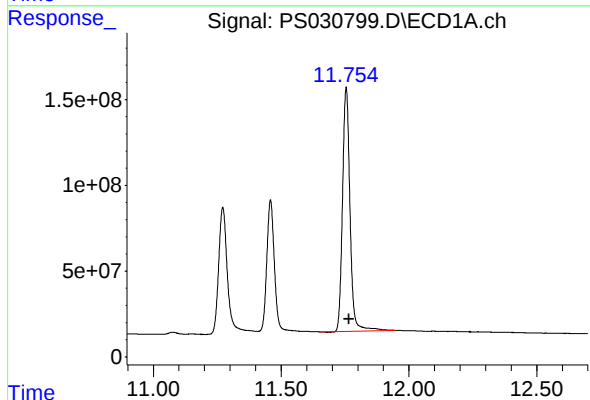
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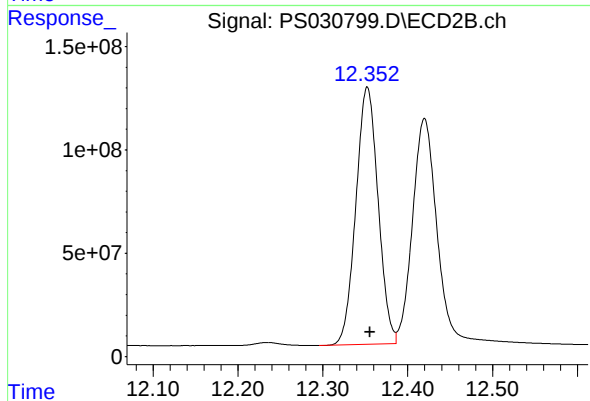
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 2248613864
Conc: 96.75 ng/ml



#16 DCPA

R.T.: 11.754 min
Delta R.T.: -0.011 min
Response: 2885218672
Conc: 112.63 ng/ml



#16 DCPA

R.T.: 12.352 min
Delta R.T.: -0.003 min
Response: 2257878464
Conc: 102.43 ng/ml