

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 22:01
 Operator : AR\AJ
 Sample : Q2126-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2025
 Supervised By : mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 06:03:38 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 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	7.355	7.768	1601.5E6	478.3E6	424.224	444.673
Target Compounds						
1) T Dalapon	2.701	2.692	378.4E6	1988.7E6	67.005m	725.808 #
2) T 3,5-DICHL...	6.513	6.713	829.5E6	267.7E6	152.856	171.158m
3) T 4-Nitroph...	7.154	7.299	269.8E6	240.3E6	147.133	153.339
5) T DICAMBA	7.545	7.971	2429.5E6	1087.4E6	157.527	168.807
6) T MCPP	7.724f	8.067	127.9E6	26782014	12.910m	11.586
7) T MCPA	7.875f	8.313	150.4E6	42111793	11.850	13.646m
8) T DICHLORPROP	8.261	8.690	666.4E6	278.1E6	183.178	187.355
9) T 2,4-D	8.494	9.026	654.0E6	332.5E6	179.499	211.477
10) T Pentachlo...	8.800	9.551	9684.9E6	6342.9E6	190.700m	175.520
11) T 2,4,5-TP ...	9.383	9.932	3667.0E6	2529.2E6	177.449	184.386
12) T 2,4,5-T	9.677	10.358	2658.5E6	2259.3E6	144.241	173.034
13) T 2,4-DB	10.258	10.925	321.3E6	188.0E6	105.801m	163.571m#
14) T DINOSEB	11.477	11.311	2078.2E6	1462.1E6	144.574m	145.482
15) T Picloram	11.284	12.419	2166.4E6	2615.0E6	108.295m	118.414
16) T DCPA	11.770f	12.355	3412.9E6	3314.2E6	129.082	161.960 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
Data File : PS030655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jun 2025 22:01
Operator : AR\AJ
Sample : Q2126-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

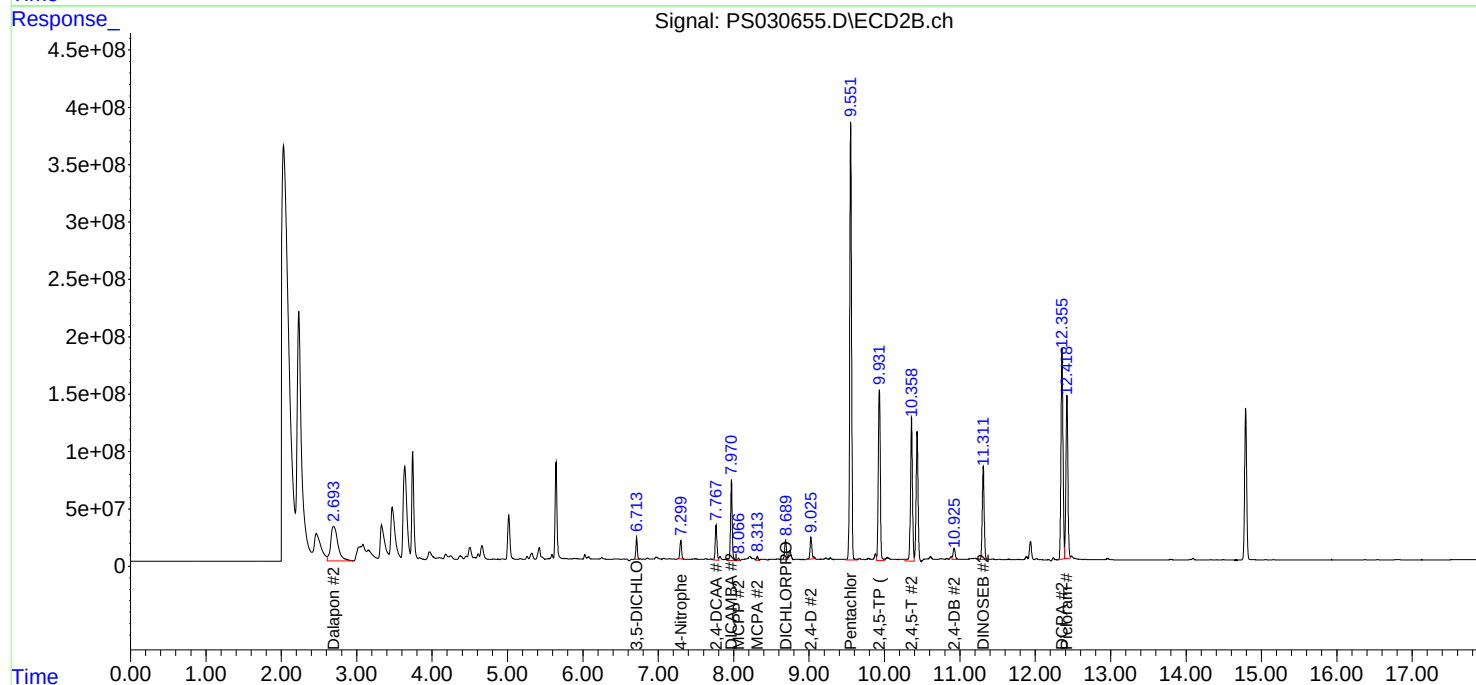
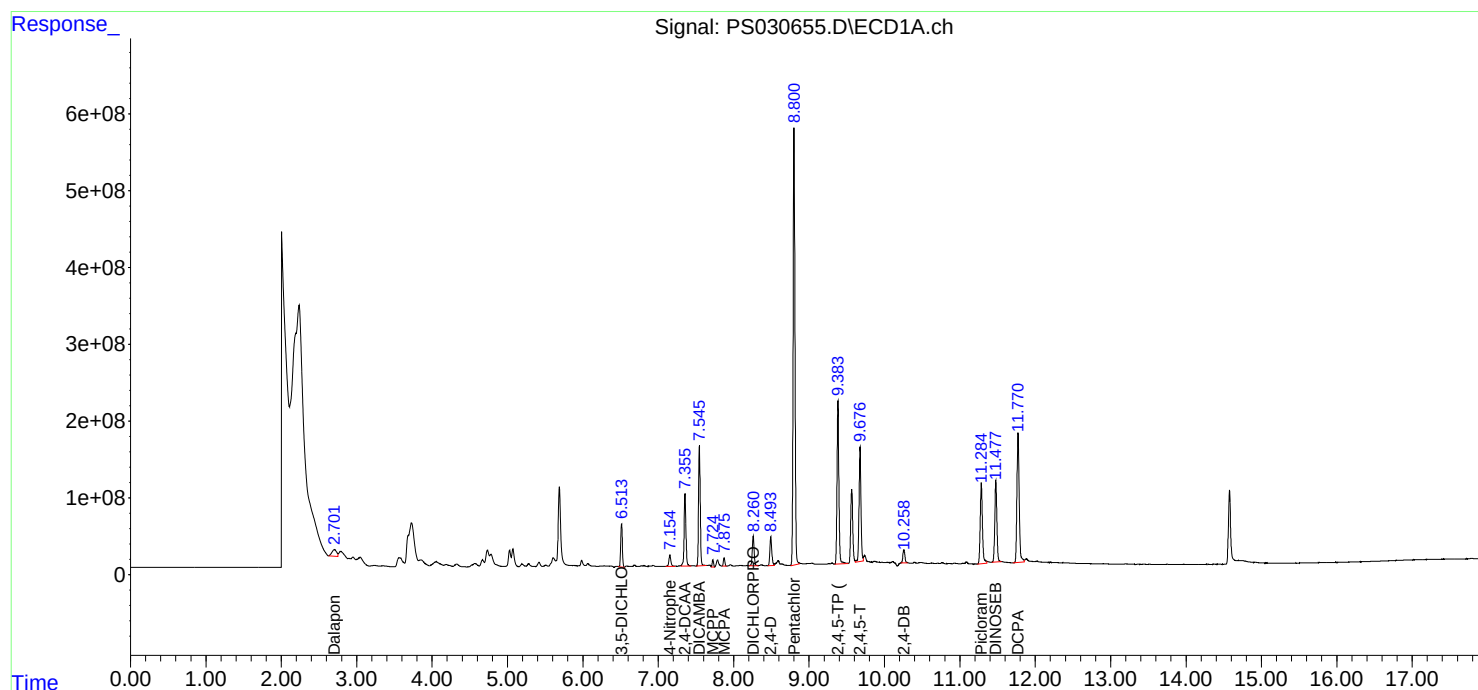
Instrument :
ECD_S
ClientSampleId :
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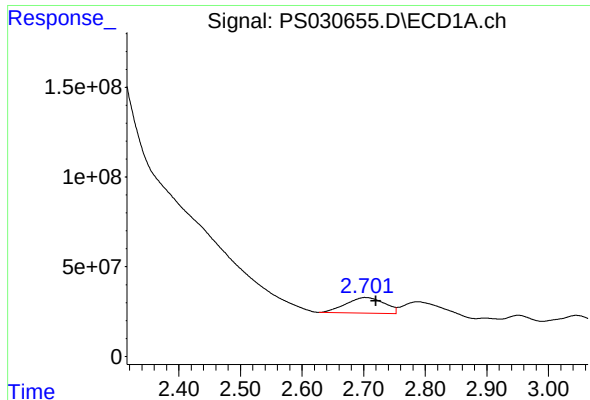
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 06:03:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 2025
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





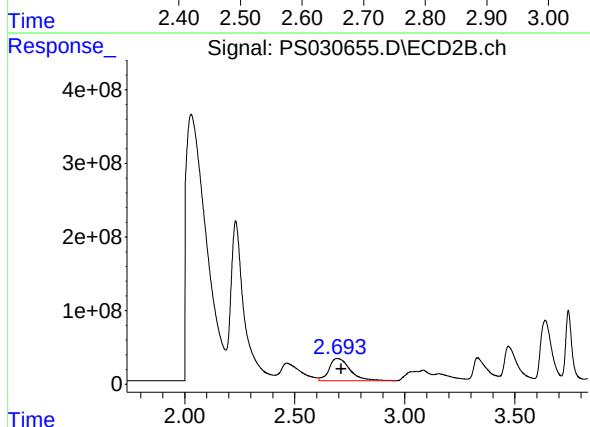
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.019 min
Response: 378378107
Conc: 67.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT2-2025

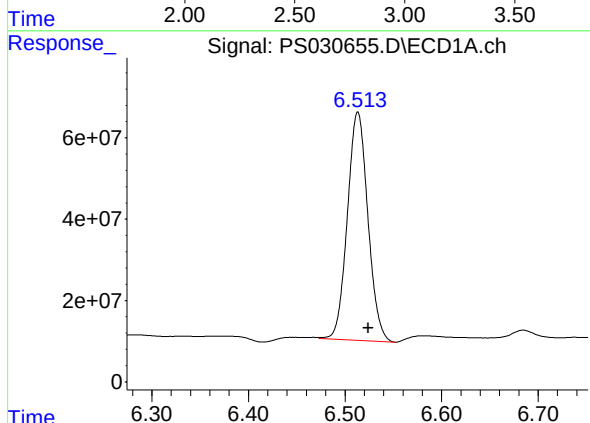
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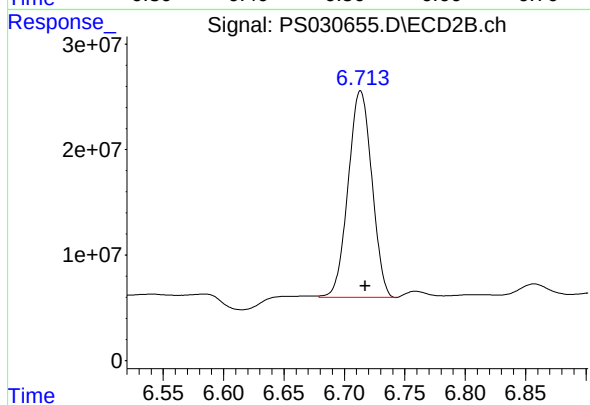
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.018 min
Response: 1988725496
Conc: 725.81 ng/ml



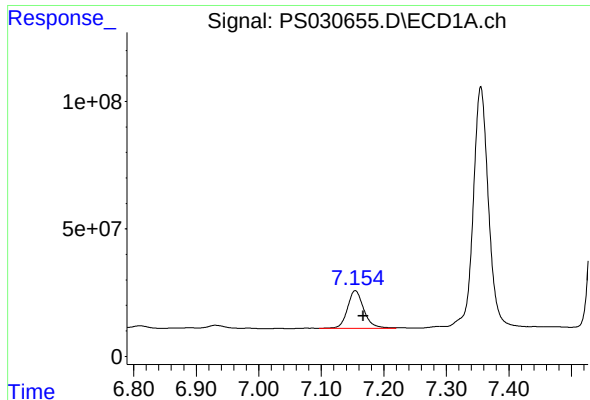
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 829451523
Conc: 152.86 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 267733072
Conc: 171.16 ng/ml m



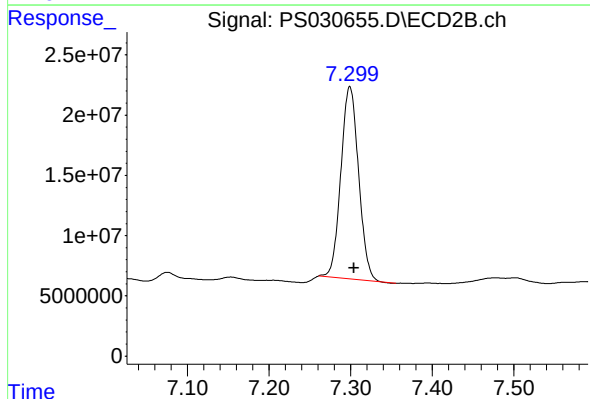
#3 4-Nitrophenol

R.T.: 7.154 min
Delta R.T.: -0.012 min
Response: 269805098
Conc: 147.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT2-2025

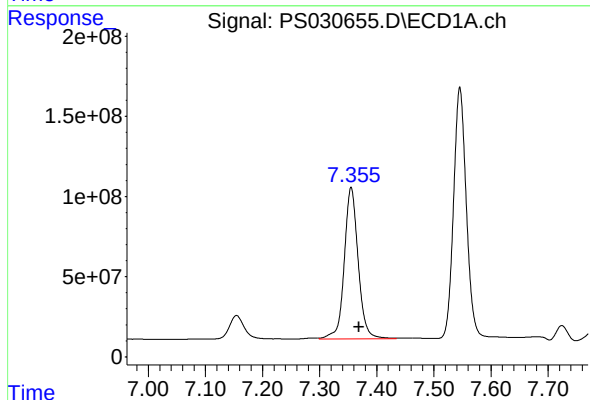
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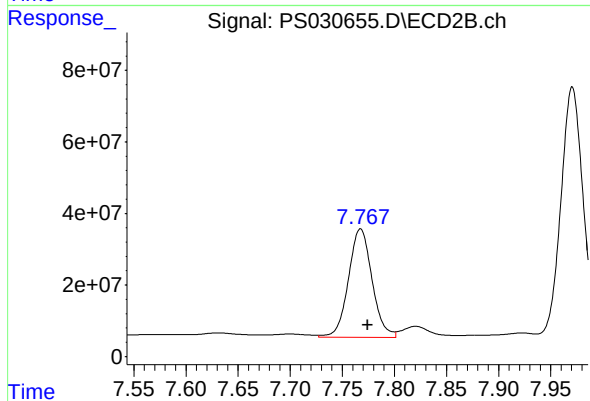
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 240319033
Conc: 153.34 ng/ml



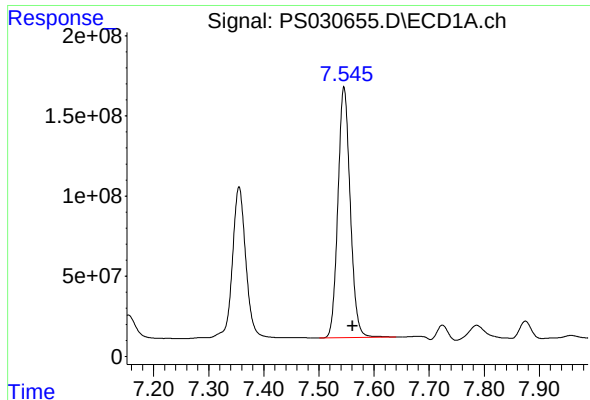
#4 2,4-DCAA

R.T.: 7.355 min
Delta R.T.: -0.014 min
Response: 1601505499
Conc: 424.22 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.007 min
Response: 478294326
Conc: 444.67 ng/ml



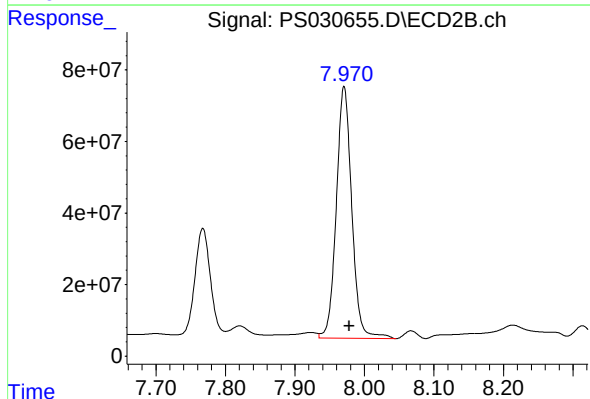
#5 DICAMBA

R.T.: 7.545 min
Delta R.T.: -0.016 min
Response: 2429471720
Conc: 157.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT2-2025

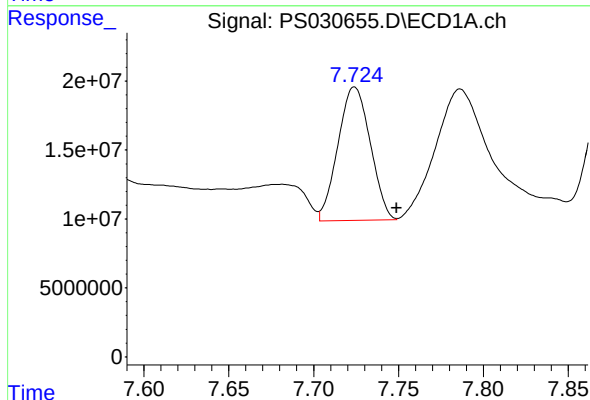
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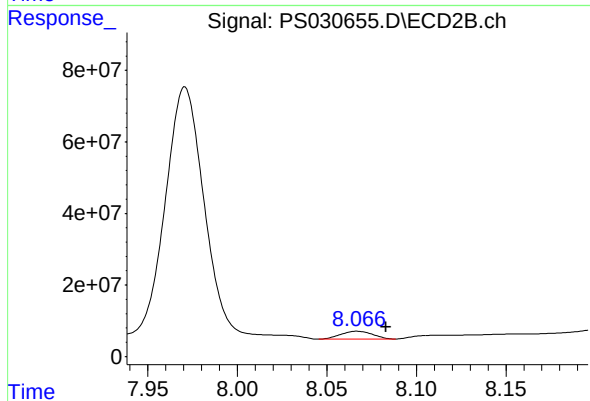
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.008 min
Response: 1087396380
Conc: 168.81 ng/ml



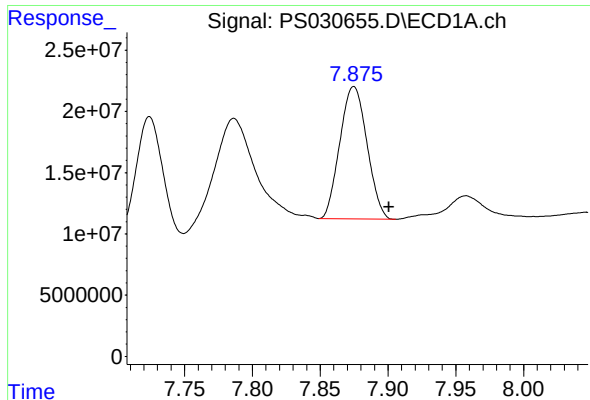
#6 MCPP

R.T.: 7.724 min
Delta R.T.: -0.025 min
Response: 127877055
Conc: 12.91 ug/ml m



#6 MCPP

R.T.: 8.067 min
Delta R.T.: -0.016 min
Response: 26782014
Conc: 11.59 ug/ml



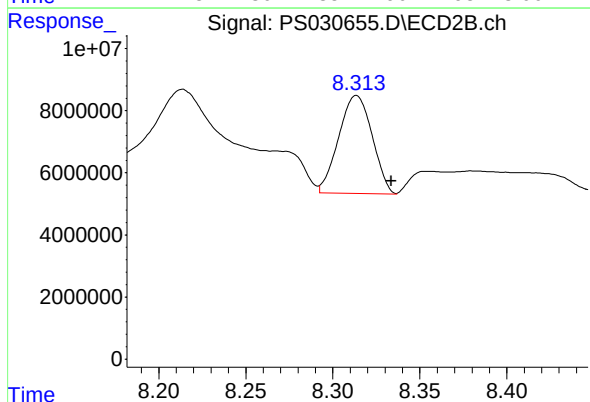
#7 MCPA

R.T.: 7.875 min
Delta R.T.: -0.026 min
Response: 150370887
Conc: 11.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT2-2025

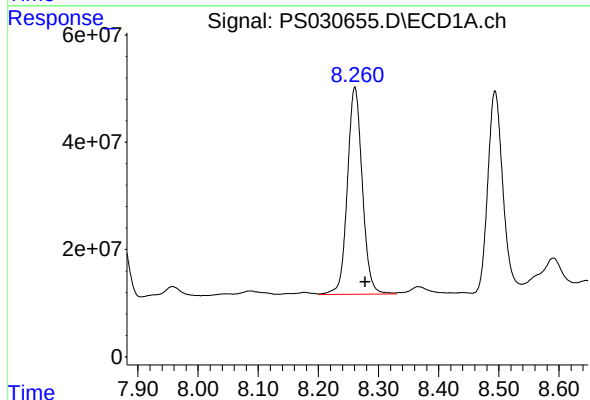
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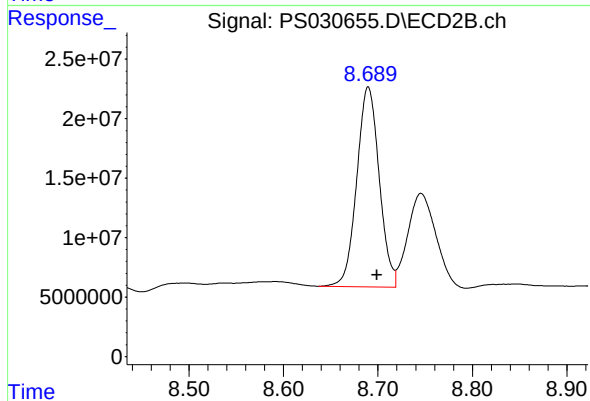
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.020 min
Response: 42111793
Conc: 13.65 ug/ml



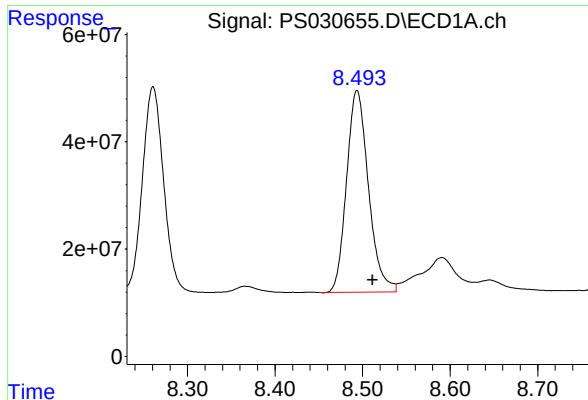
#8 DICHLORPROP

R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 666427868
Conc: 183.18 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 278073574
Conc: 187.36 ng/ml



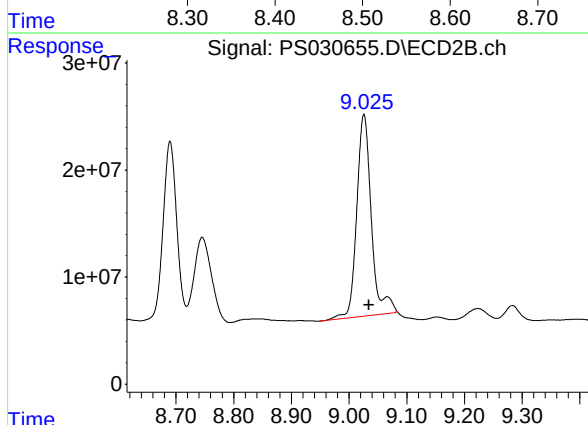
#9 2,4-D

R.T.: 8.494 min
Delta R.T.: -0.018 min
Response: 654025597
Conc: 179.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT2-2025

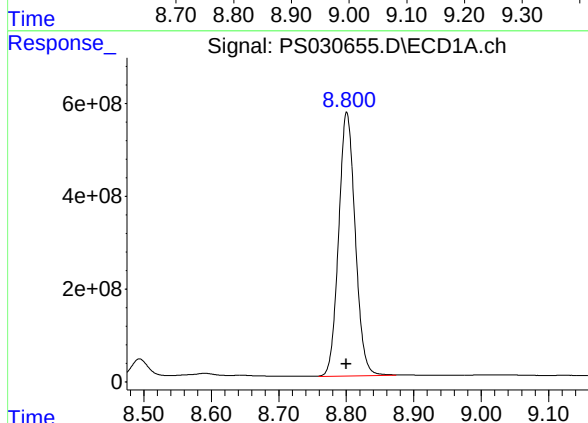
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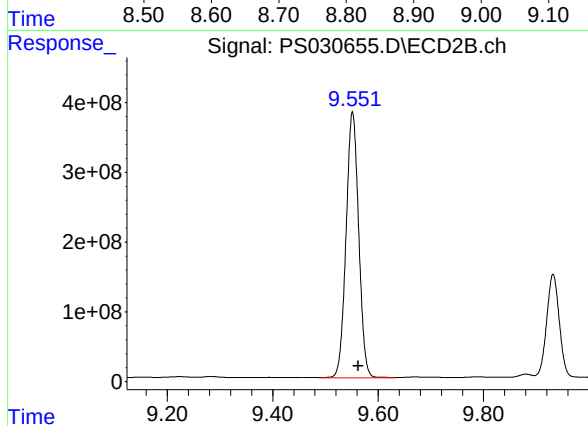
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 332509413
Conc: 211.48 ng/ml



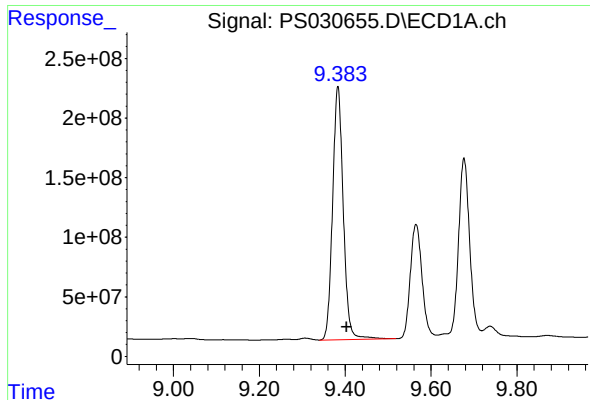
#10 Pentachlorophenol

R.T.: 8.800 min
Delta R.T.: 0.000 min
Response: 9684934471
Conc: 190.70 ng/ml m



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.011 min
Response: 6342941212
Conc: 175.52 ng/ml



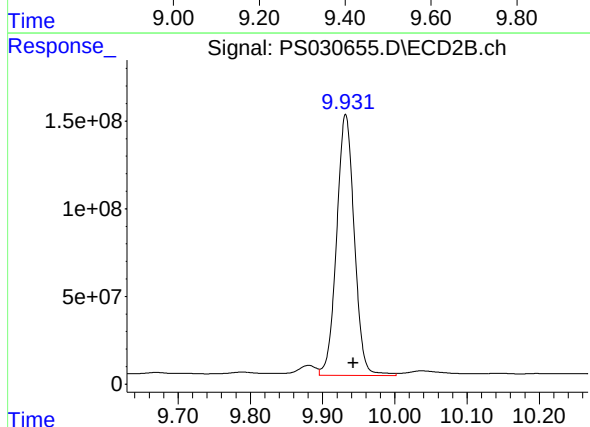
#11 2,4,5-TP (SILVEX)

R.T.: 9.383 min
Delta R.T.: -0.020 min
Response: 3667003210
Conc: 177.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT2-2025

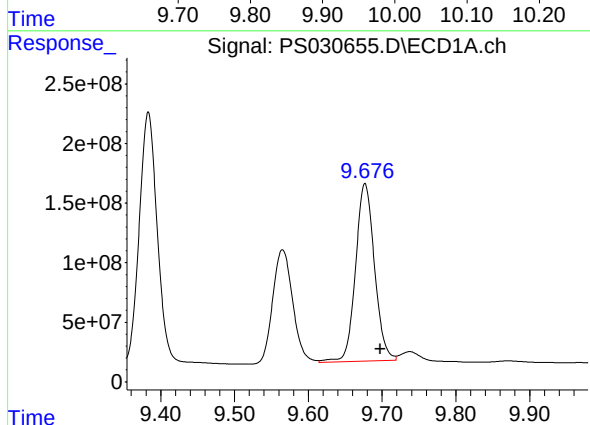
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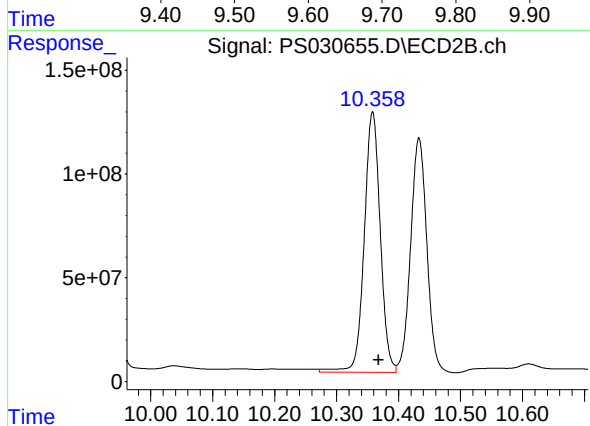
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.010 min
Response: 2529169980
Conc: 184.39 ng/ml



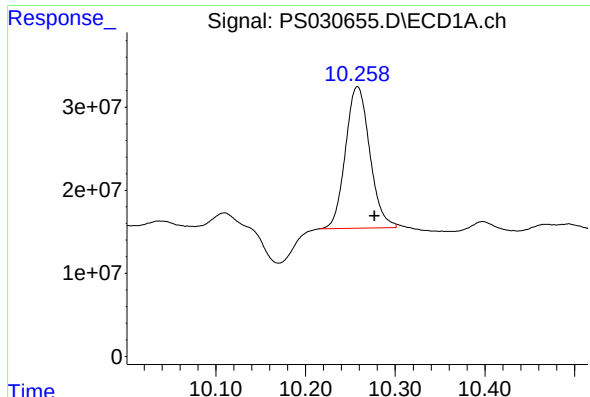
#12 2,4,5-T

R.T.: 9.677 min
Delta R.T.: -0.021 min
Response: 2658511304
Conc: 144.24 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: -0.010 min
Response: 2259327235
Conc: 173.03 ng/ml



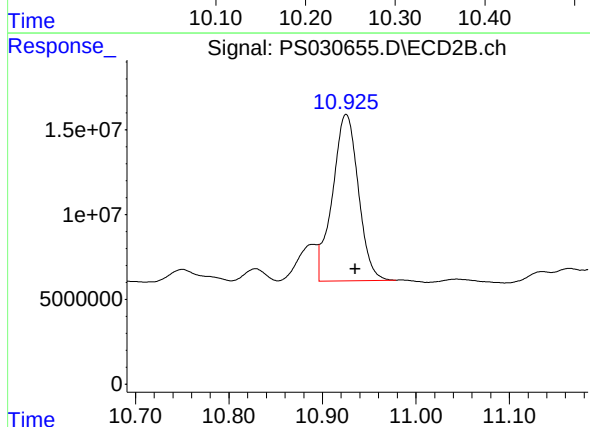
#13 2,4-DB

R.T.: 10.258 min
Delta R.T.: -0.020 min
Response: 321251486
Conc: 105.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT2-2025

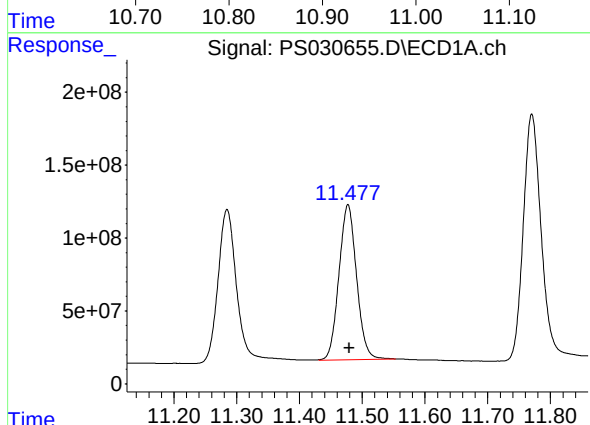
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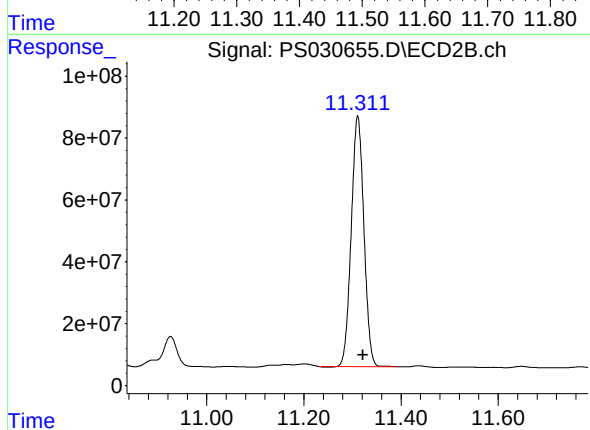
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: -0.010 min
Response: 188033512
Conc: 163.57 ng/ml



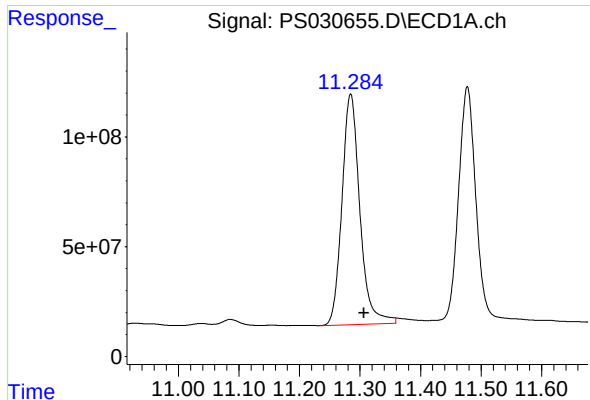
#14 DINOSEB

R.T.: 11.477 min
Delta R.T.: -0.002 min
Response: 2078236471
Conc: 144.57 ng/ml



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.011 min
Response: 1462113802
Conc: 145.48 ng/ml



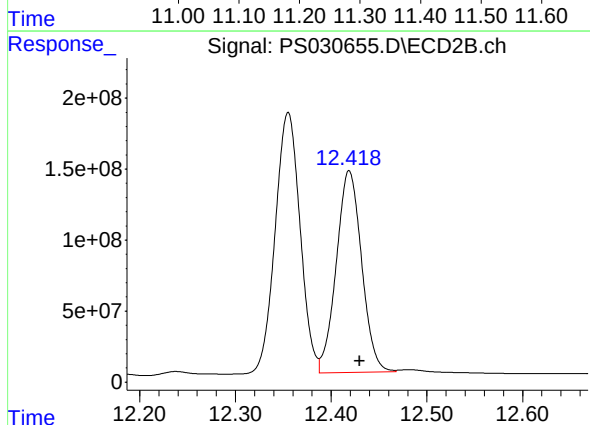
#15 Picloram

R.T.: 11.284 min
Delta R.T.: -0.022 min
Response: 2166422670
Conc: 108.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
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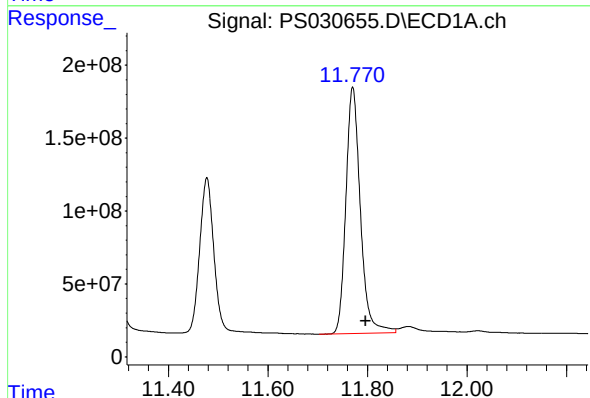
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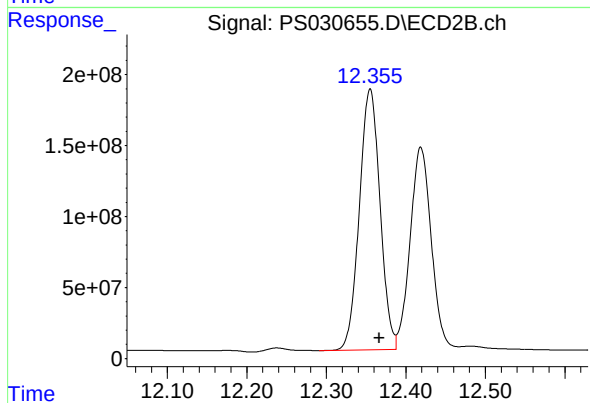
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.011 min
Response: 2615030109
Conc: 118.41 ng/ml



#16 DCPA

R.T.: 11.770 min
Delta R.T.: -0.027 min
Response: 3412942242
Conc: 129.08 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.012 min
Response: 3314179622
Conc: 161.96 ng/ml