

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 21:37
 Operator : AR\AJ
 Sample : Q2126-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-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 06:00:20 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	7.355	7.768	1610.6E6	493.1E6	426.622	458.421
Target Compounds							
1) T	Dalapon	2.697	2.687	588.2E6	1893.9E6	104.159m	691.188 #
2) T	3,5-DICHL...	6.513	6.713	479.8E6	150.4E6	88.414	96.127m
3) T	4-Nitroph...	7.154	7.300	153.8E6	136.0E6	83.862	86.752
5) T	DICAMBA	7.546	7.971	1333.5E6	569.8E6	86.462	88.459m
6) T	MCP	7.724f	8.067	56999409	11423411	5.755m	4.942
7) T	MCPA	7.874f	8.312	66932601	19806746	5.275	6.418m
8) T	DICHLORPROP	8.261	8.690	393.2E6	160.1E6	108.075	107.877
9) T	2,4-D	8.494	9.026	364.1E6	172.2E6	99.931	109.546m
10) T	Pentachlo...	8.801	9.552	5297.7E6	3435.1E6	104.315m	95.056
11) T	2,4,5-TP ...	9.383	9.932	1990.3E6	1436.0E6	96.314	104.689
12) T	2,4,5-T	9.677	10.358	1417.5E6	1298.0E6	76.908	99.410 #
13) T	2,4-DB	10.258	10.926	202.3E6	110.9E6	66.628m	96.489 #
14) T	DINOSEB	11.477	11.311	1171.4E6	833.1E6	81.492m	82.898
15) T	Picloram	11.285	12.420	1218.0E6	1502.1E6	60.887m	68.018
16) T	DCPA	11.771f	12.355	1810.1E6	1800.5E6	68.459	87.988 #

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

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Acq On : 12 Jun 2025 21:37
Operator : AR\AJ
Sample : Q2126-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

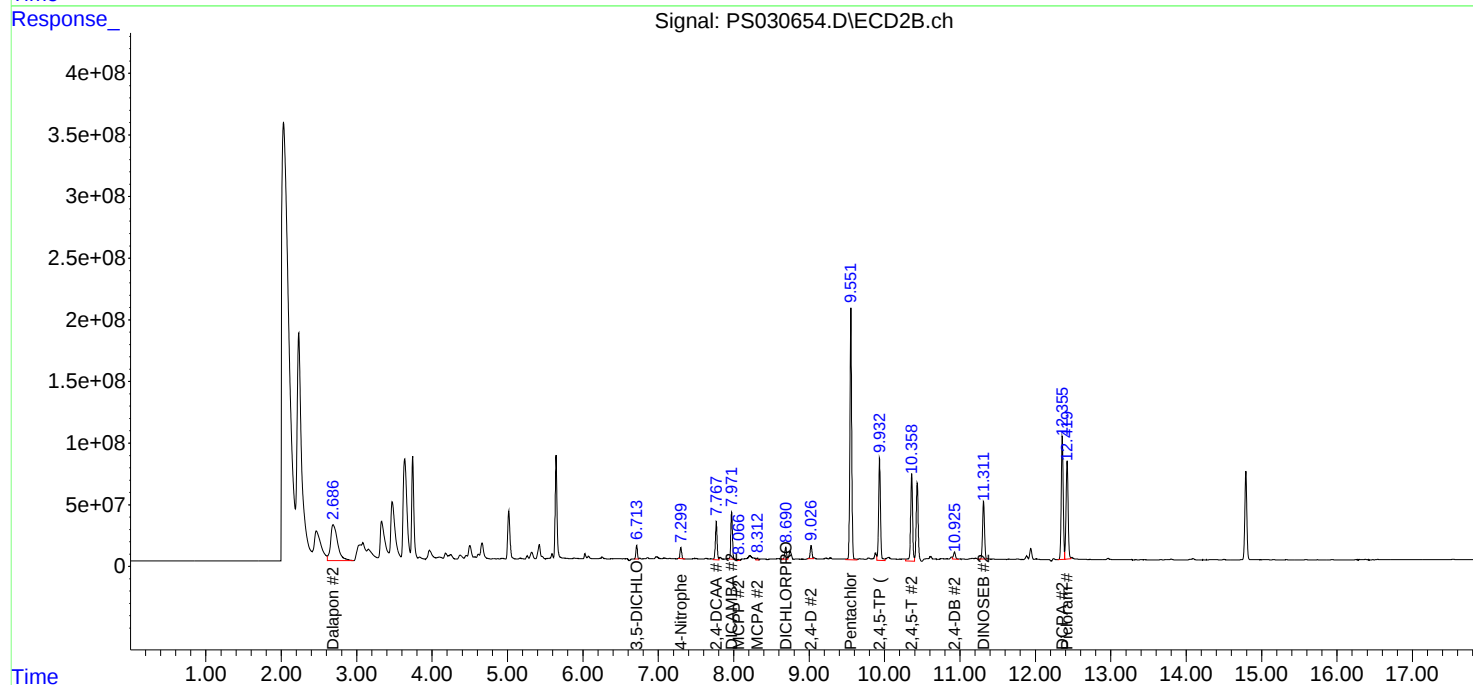
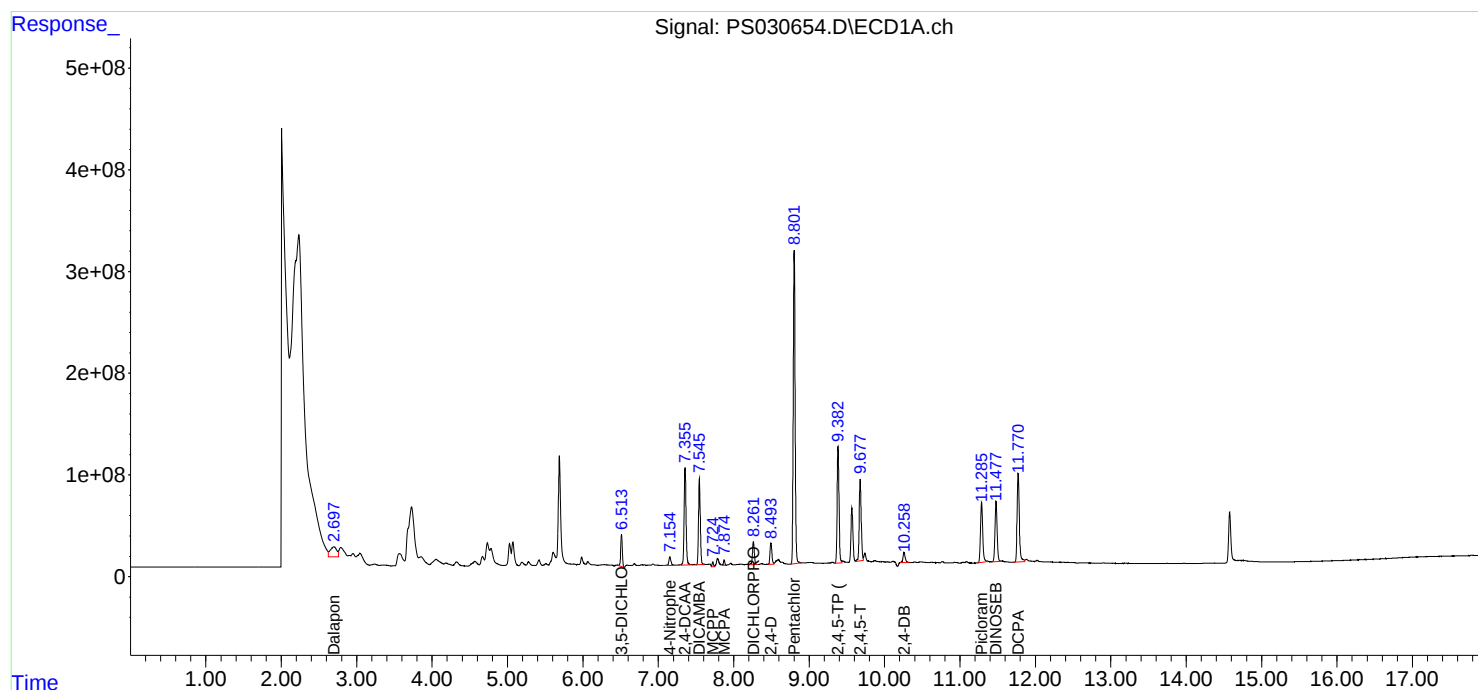
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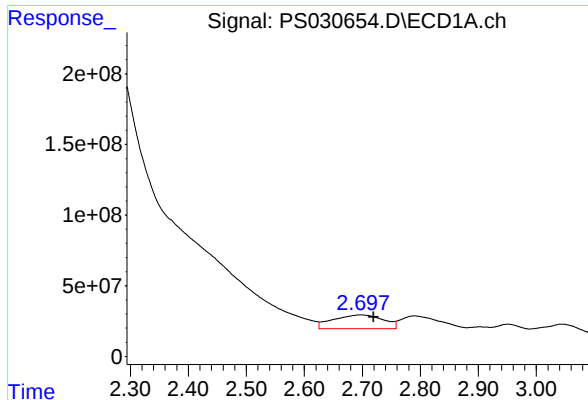
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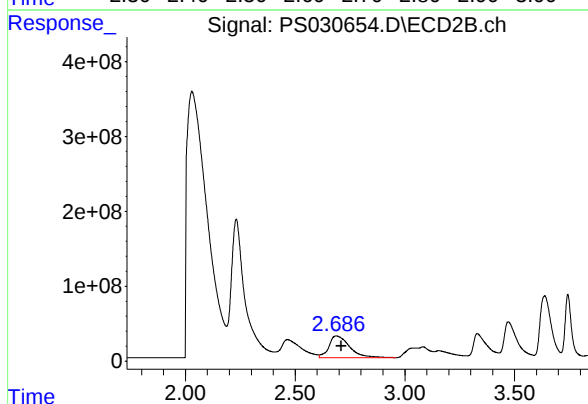
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: -0.023 min
Response: 588182379
Conc: 104.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

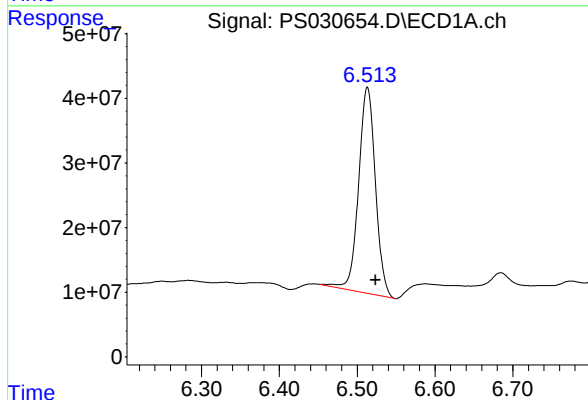
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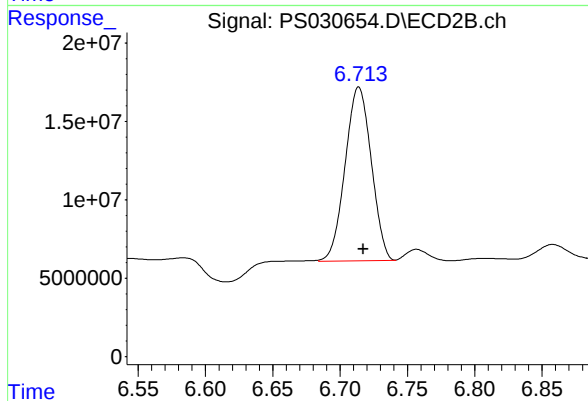
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.024 min
Response: 1893864715
Conc: 691.19 ng/ml



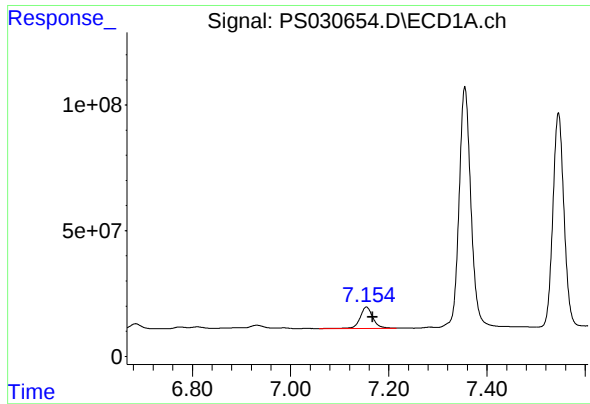
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 479766023
Conc: 88.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 150366053
Conc: 96.13 ng/ml m



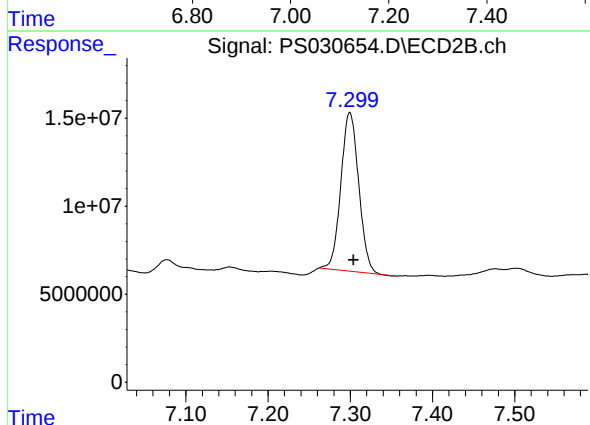
#3 4-Nitrophenol

R.T.: 7.154 min
Delta R.T.: -0.012 min
Response: 153782917
Conc: 83.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
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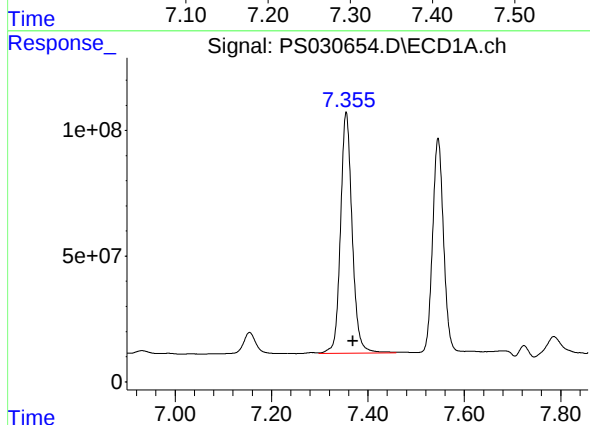
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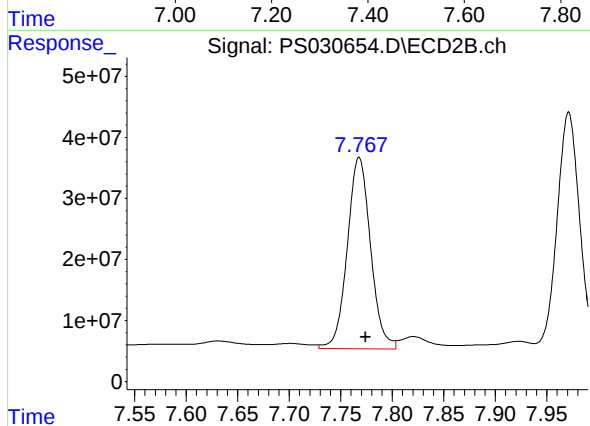
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 135960668
Conc: 86.75 ng/ml



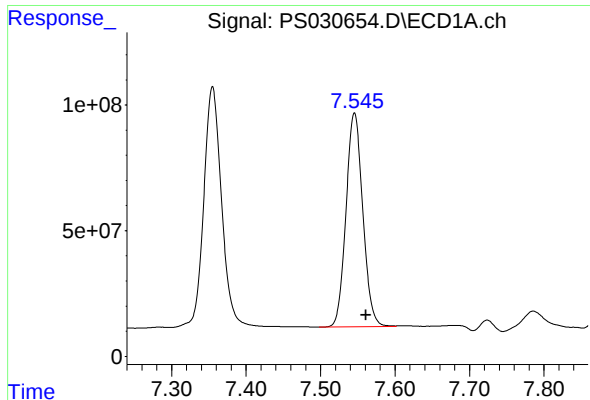
#4 2,4-DCAA

R.T.: 7.355 min
Delta R.T.: -0.014 min
Response: 1610561144
Conc: 426.62 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.007 min
Response: 493082377
Conc: 458.42 ng/ml



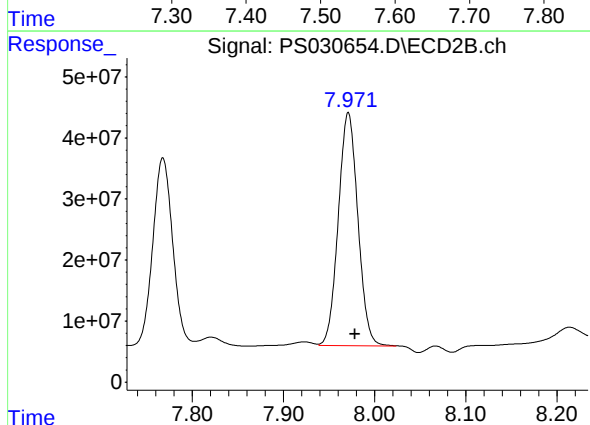
#5 DICAMBA

R.T.: 7.546 min
Delta R.T.: -0.016 min
Response: 1333463565
Conc: 86.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

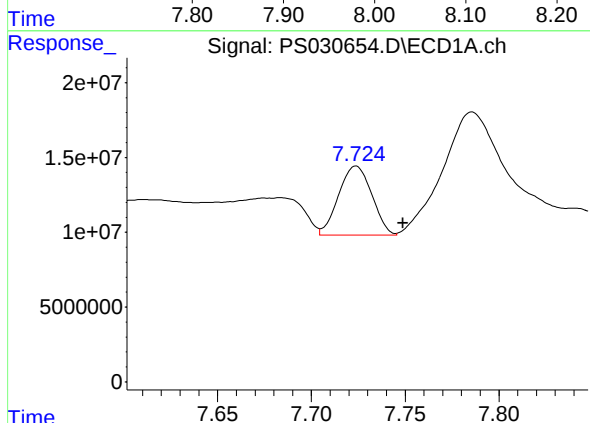
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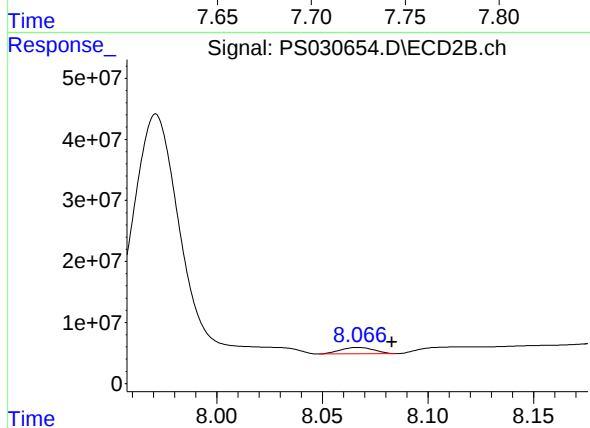
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.008 min
Response: 569819473
Conc: 88.46 ng/ml



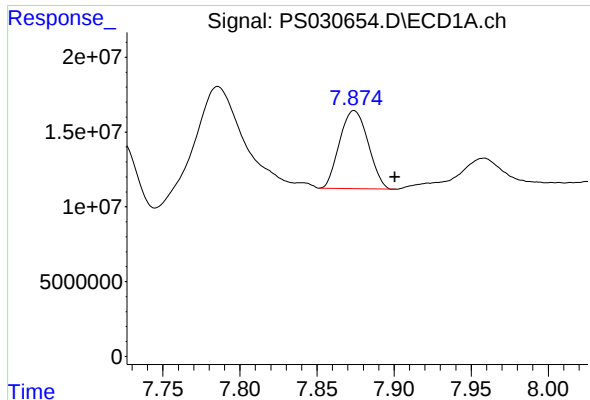
#6 MCPP

R.T.: 7.724 min
Delta R.T.: -0.025 min
Response: 56999409
Conc: 5.75 ug/ml



#6 MCPP

R.T.: 8.067 min
Delta R.T.: -0.016 min
Response: 11423411
Conc: 4.94 ug/ml



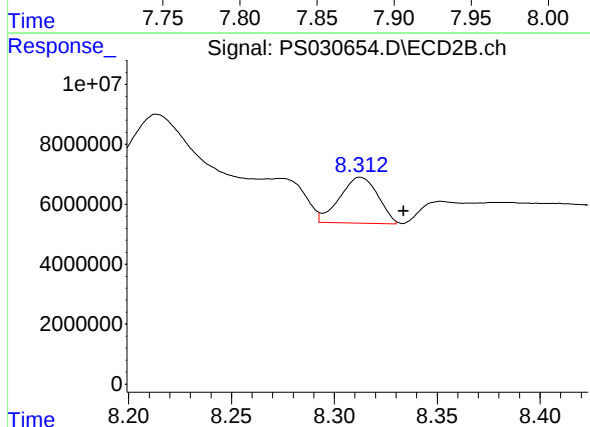
#7 MCPA

R.T.: 7.874 min
Delta R.T.: -0.027 min
Response: 66932601
Conc: 5.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

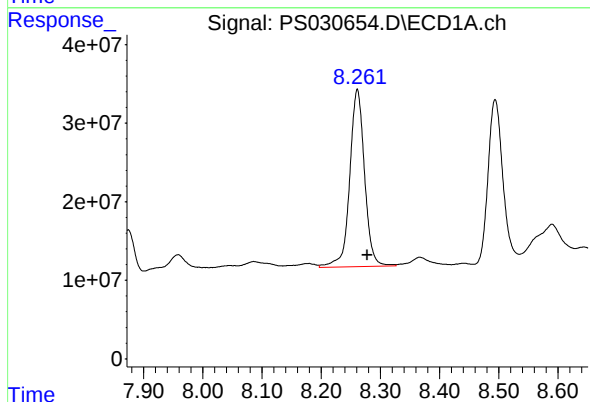
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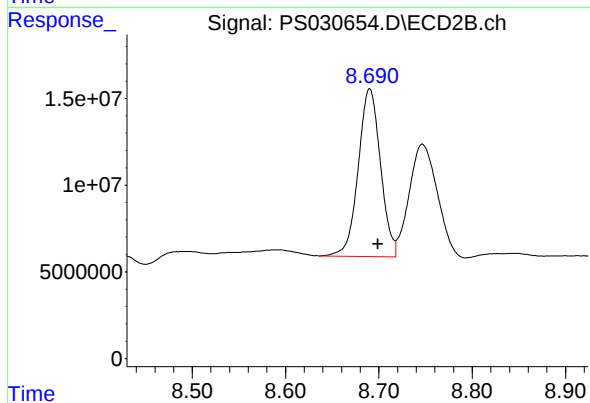
#7 MCPA

R.T.: 8.312 min
Delta R.T.: -0.022 min
Response: 19806746
Conc: 6.42 ug/ml m



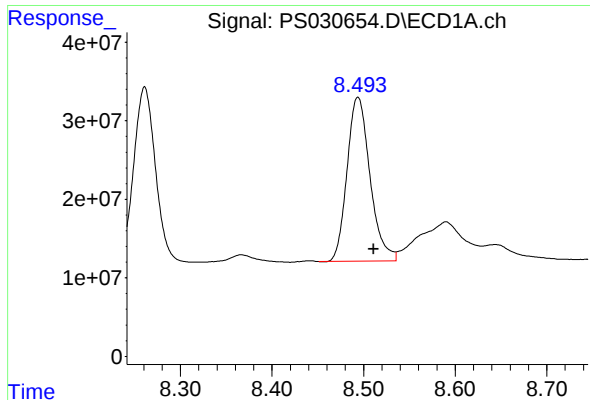
#8 DICHLORPROP

R.T.: 8.261 min
Delta R.T.: -0.017 min
Response: 393194260
Conc: 108.08 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 160111218
Conc: 107.88 ng/ml



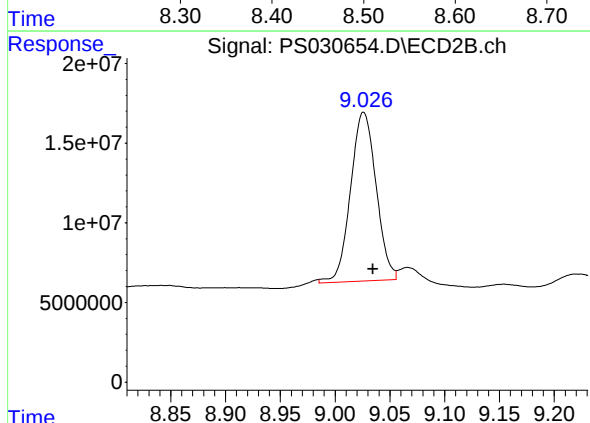
#9 2,4-D

R.T.: 8.494 min
Delta R.T.: -0.017 min
Response: 364110119
Conc: 99.93 ng/ml

Instrument :
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LOD-MDL-WATER-01-QT2-2025

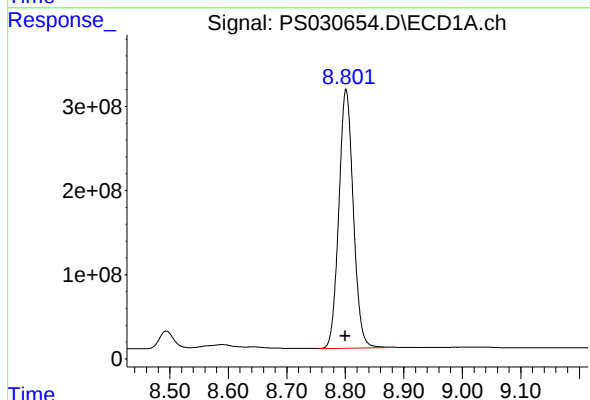
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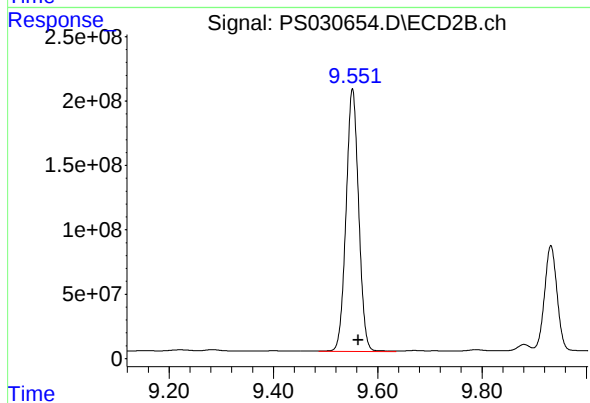
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 172241450
Conc: 109.55 ng/ml



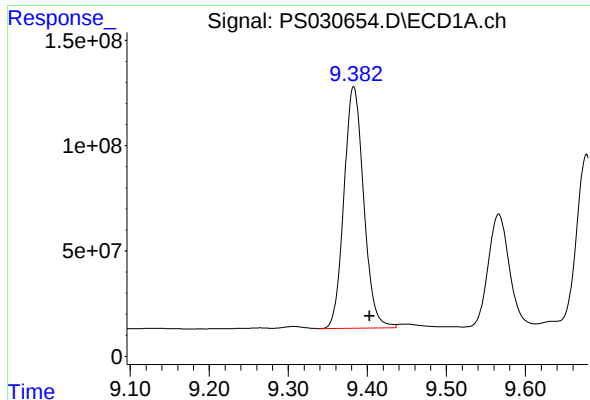
#10 Pentachlorophenol

R.T.: 8.801 min
Delta R.T.: 0.000 min
Response: 5297746309
Conc: 104.31 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 3435128507
Conc: 95.06 ng/ml



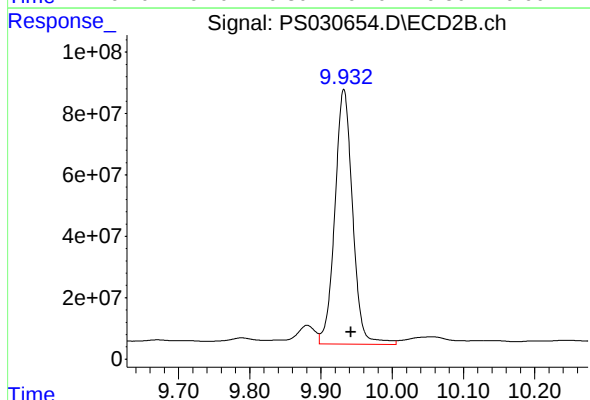
#11 2,4,5-TP (SILVEX)

R.T.: 9.383 min
Delta R.T.: -0.020 min
Response: 1990330564
Conc: 96.31 ng/ml

Instrument :
ECD_S
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LOD-MDL-WATER-01-QT2-2025

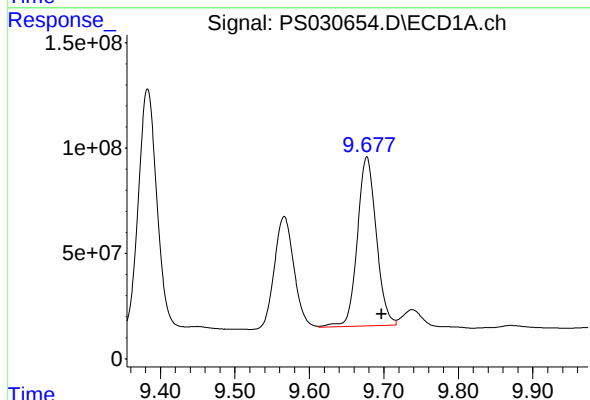
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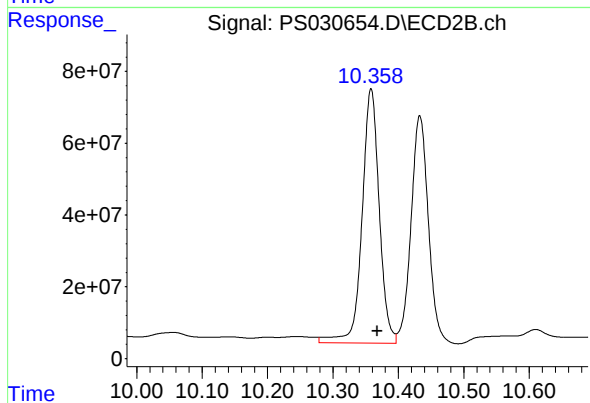
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.010 min
Response: 1435986715
Conc: 104.69 ng/ml



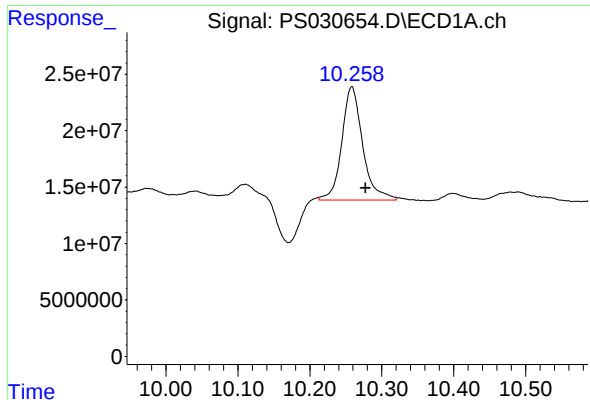
#12 2,4,5-T

R.T.: 9.677 min
Delta R.T.: -0.020 min
Response: 1417496542
Conc: 76.91 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: -0.009 min
Response: 1298003551
Conc: 99.41 ng/ml



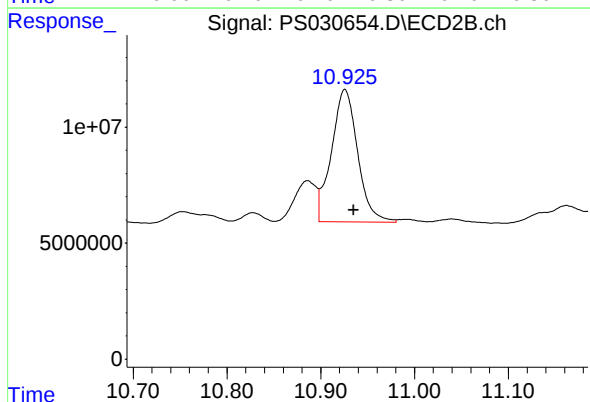
#13 2,4-DB

R.T.: 10.258 min
Delta R.T.: -0.019 min
Response: 202306503
Conc: 66.63 ng/ml

Instrument :
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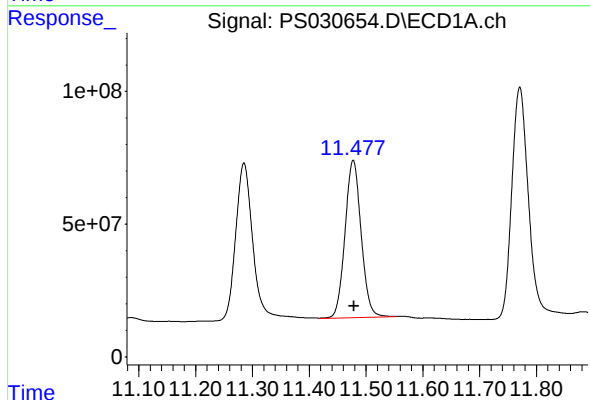
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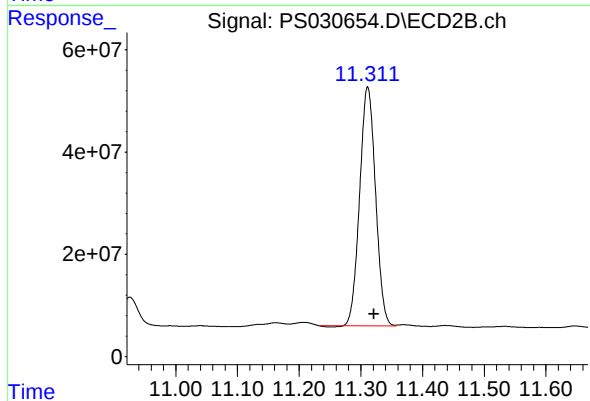
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: -0.009 min
Response: 110918960
Conc: 96.49 ng/ml



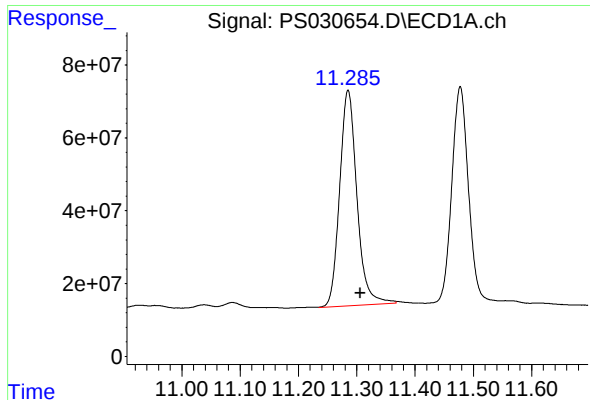
#14 DINOSEB

R.T.: 11.477 min
Delta R.T.: -0.002 min
Response: 1171437552
Conc: 81.49 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.011 min
Response: 833136899
Conc: 82.90 ng/ml



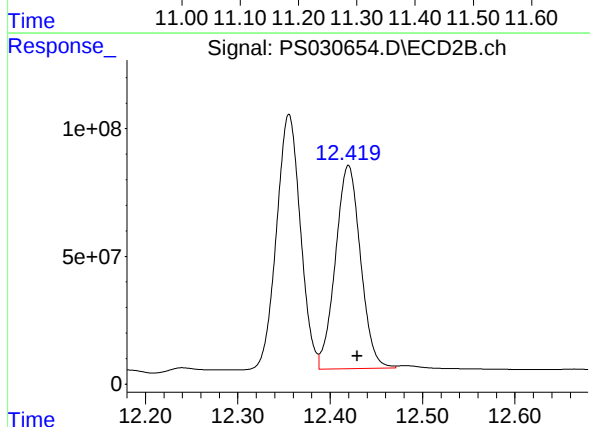
#15 Picloram

R.T.: 11.285 min
Delta R.T.: -0.021 min
Response: 1218041281
Conc: 60.89 ng/ml

Instrument :
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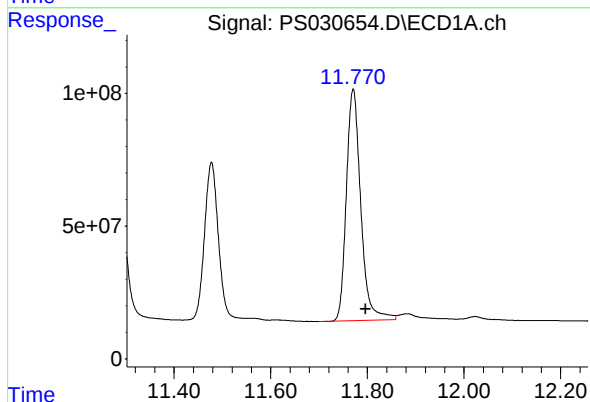
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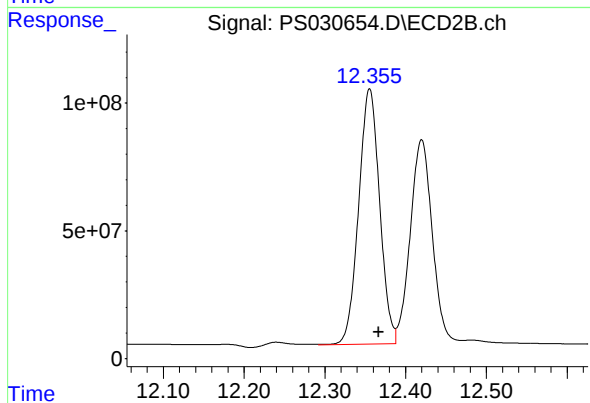
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.010 min
Response: 1502098057
Conc: 68.02 ng/ml



#16 DCPA

R.T.: 11.771 min
Delta R.T.: -0.026 min
Response: 1810059684
Conc: 68.46 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 1800483010
Conc: 87.99 ng/ml