

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091525\
 Data File : PS031745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2025 17:54
 Operator : AR\AJ
 Sample : Q2893-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-WATER-03-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 06:36:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.288	7.743	1741.3E6	408.7E6	483.492	449.691
Target Compounds							
1) T	Dalapon	2.672	2.685	1467.5E6	687.7E6	253.862	244.084
2) T	3,5-DICHL...	6.456	6.698	1372.2E6	354.8E6	257.295	232.679m
3) T	4-Nitroph...	7.112	7.323	249.8E6	255.4E6	226.389	202.268m
5) T	DICAMBA	7.471	7.938	3892.8E6	1456.1E6	249.588	223.774
6) T	MCPD	7.646	8.031	174.0E6	33772660	19.459m	17.932
7) T	MCPA	7.795	8.276	215.2E6	51449804	19.373	18.367
8) T	DICHLORPROP	8.182	8.659	910.8E6	361.4E6	255.714	248.357
9) T	2,4-D	8.424	9.011	764.3E6	367.7E6	223.099m	223.514
10) T	Pentachlo...	8.710	9.507	14621.5E6	9445.3E6	275.390	237.974
11) T	2,4,5-TP ...	9.290	9.894	5459.5E6	3536.0E6	260.303	234.885
12) T	2,4,5-T	9.591	10.327	4673.5E6	2932.3E6	255.407	217.902
13) T	2,4-DB	10.168	10.897	421.0E6	203.5E6	180.486m	190.176
14) T	DINOSEB	11.358	11.265	3671.2E6	2513.7E6	254.543m	258.589
15) T	Picloram	11.200	12.398	3848.5E6	5061.3E6	213.675m	213.710
16) T	DCPA	11.656	12.306	7260.5E6	5791.2E6	269.406	240.258

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

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Acq On : 15 Sep 2025 17:54
Operator : AR\AJ
Sample : Q2893-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

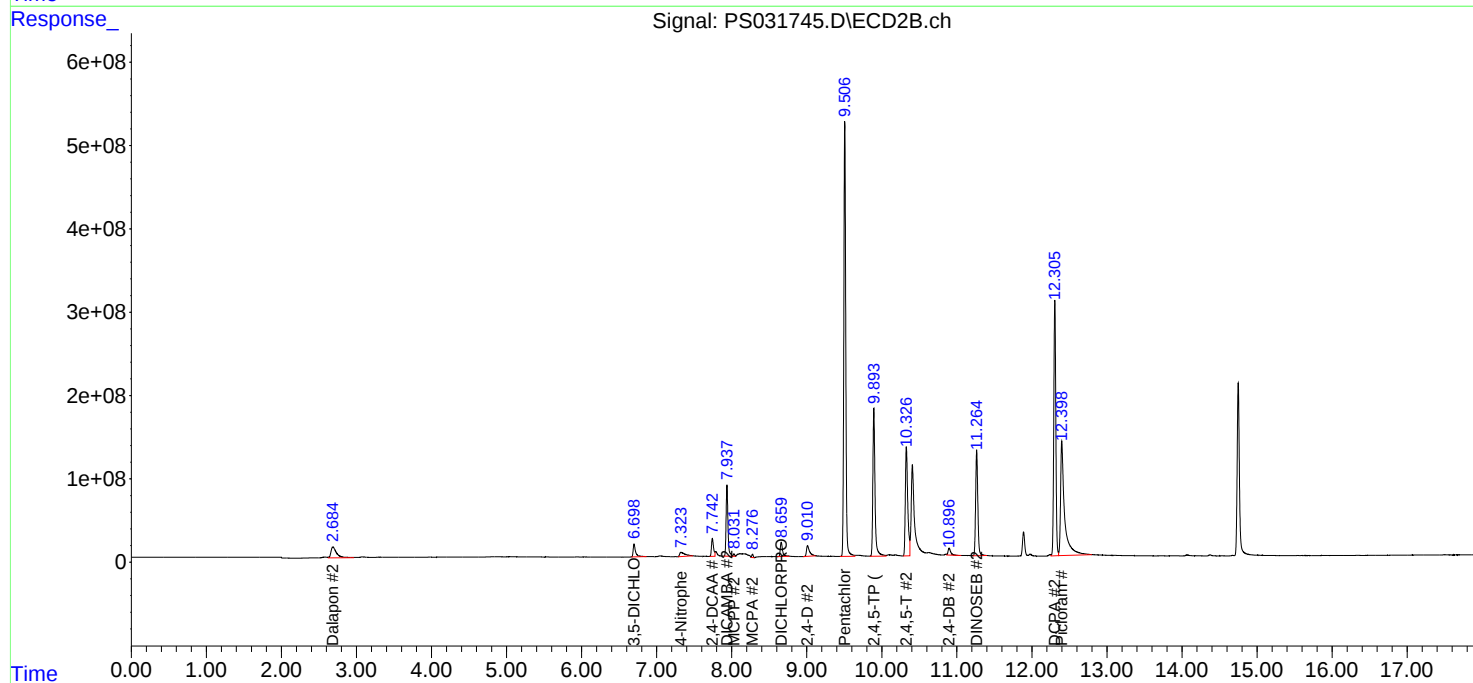
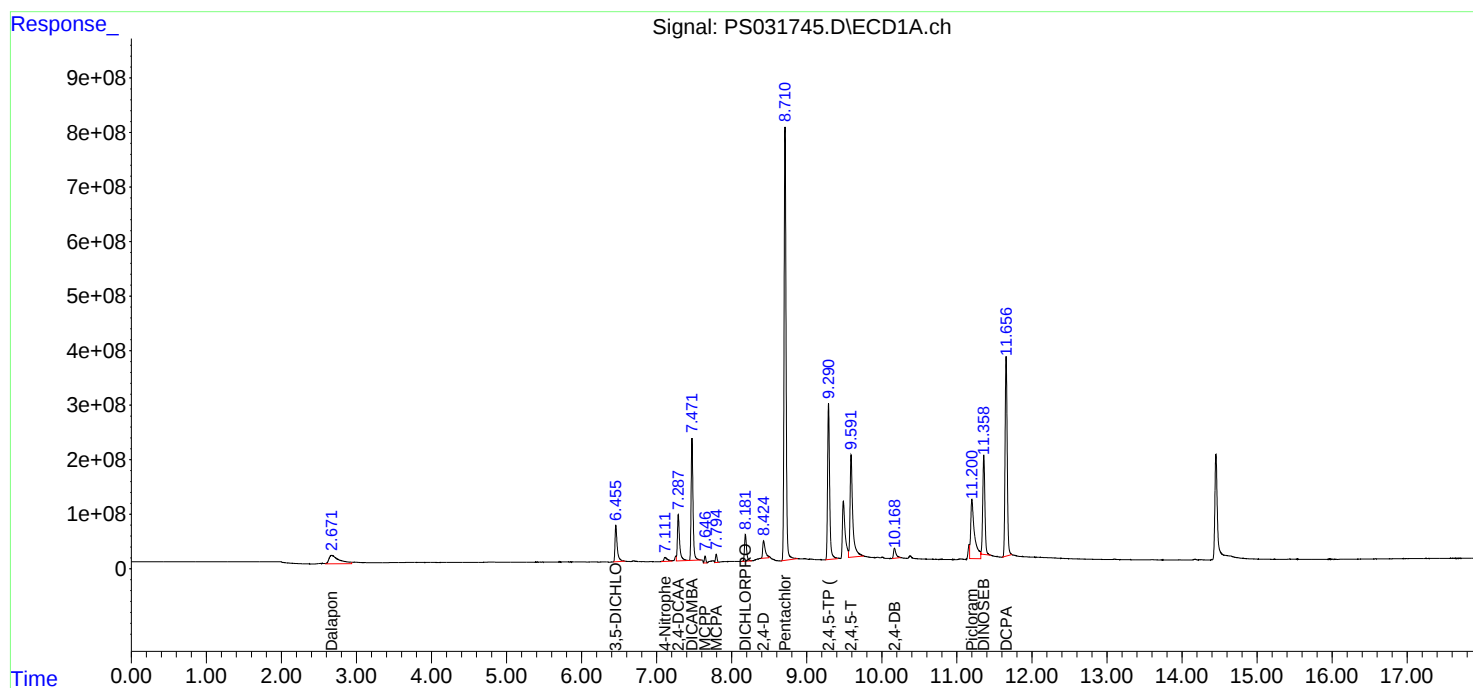
Instrument :
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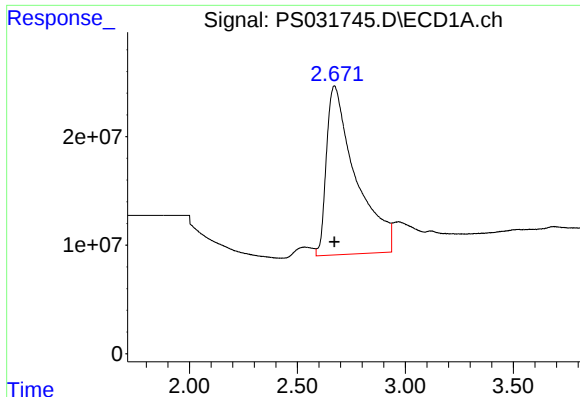
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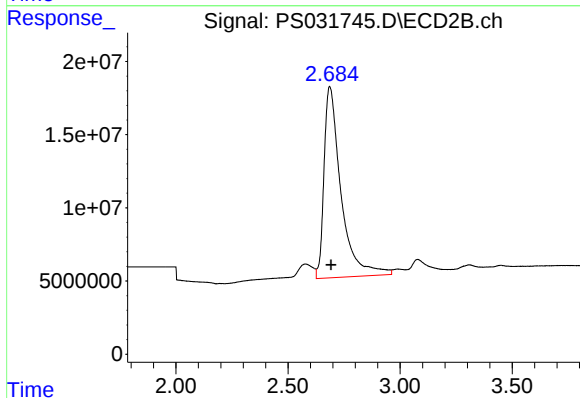
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: 0.000 min
Response: 1467511647
Conc: 253.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2025

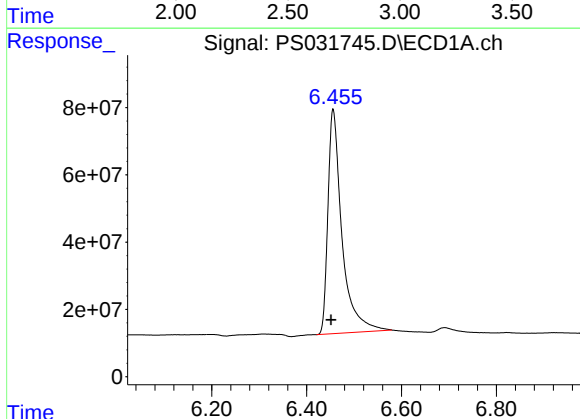
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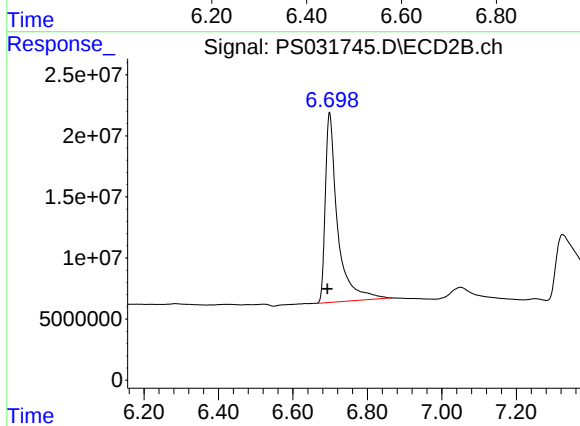
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: -0.007 min
Response: 687738236
Conc: 244.08 ng/ml



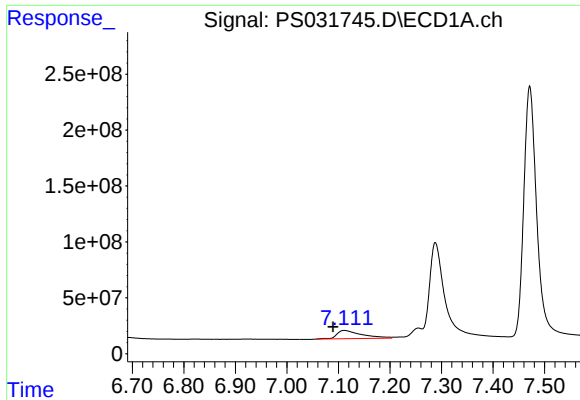
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.456 min
Delta R.T.: 0.004 min
Response: 1372245149
Conc: 257.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 354827999
Conc: 232.68 ng/ml m



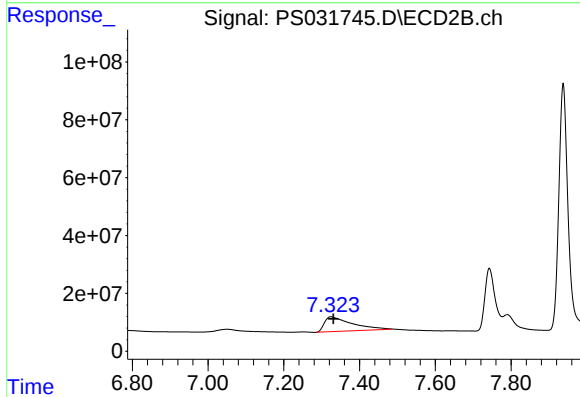
#3 4-Nitrophenol

R.T.: 7.112 min
Delta R.T.: 0.022 min
Response: 249754415
Conc: 226.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2025

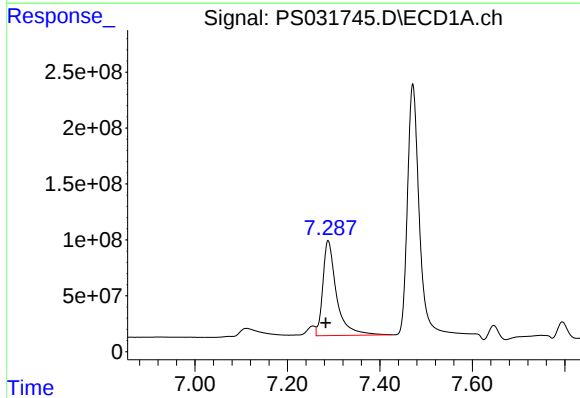
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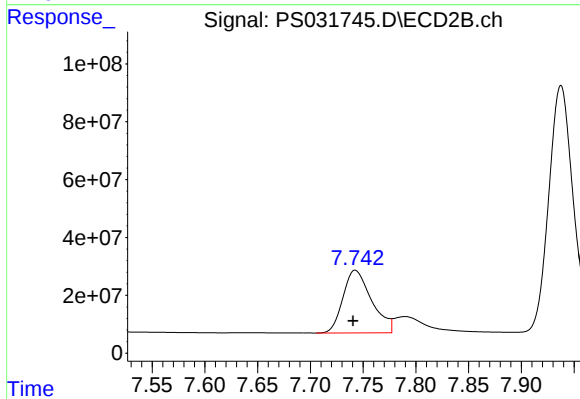
#3 4-Nitrophenol

R.T.: 7.323 min
Delta R.T.: -0.008 min
Response: 255421661
Conc: 202.27 ng/ml m



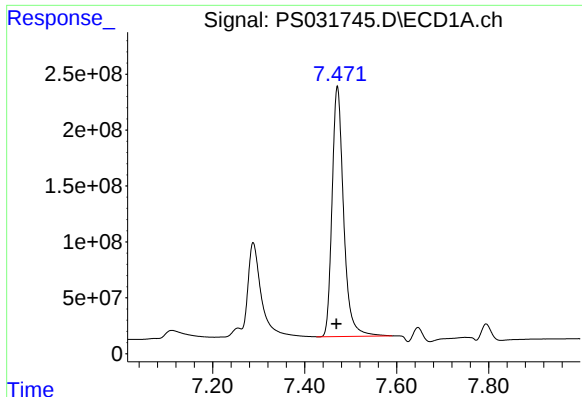
#4 2,4-DCAA

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 1741310490
Conc: 483.49 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 408724342
Conc: 449.69 ng/ml



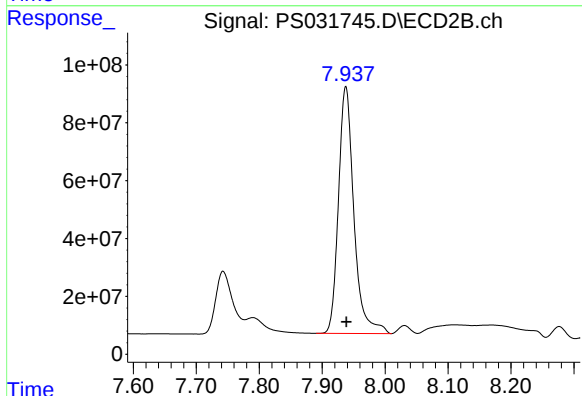
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 3892751551
Conc: 249.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2025

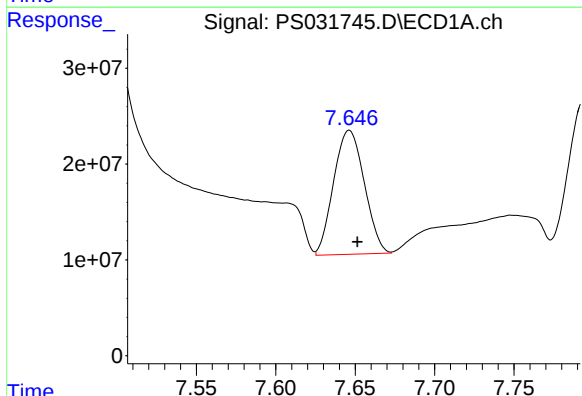
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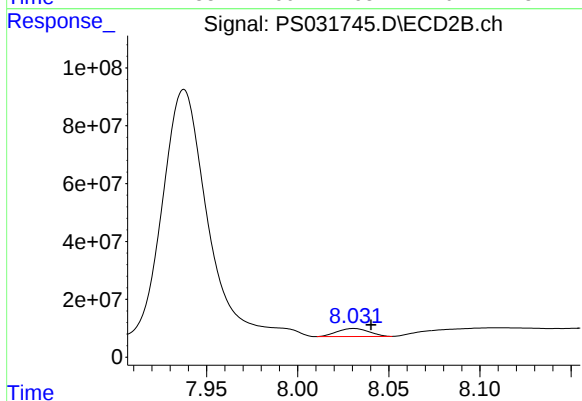
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.001 min
Response: 1456066571
Conc: 223.77 ng/ml



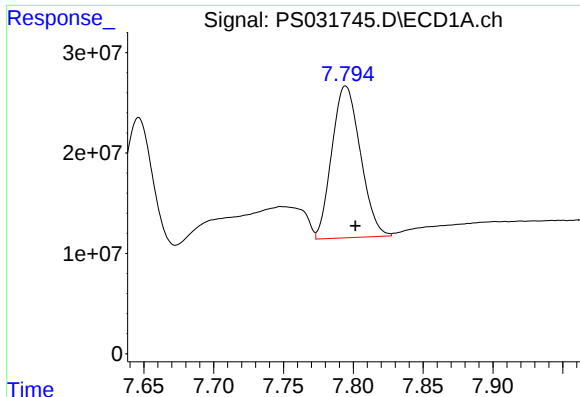
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.006 min
Response: 173951570
Conc: 19.46 ug/ml m



#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 33772660
Conc: 17.93 ug/ml



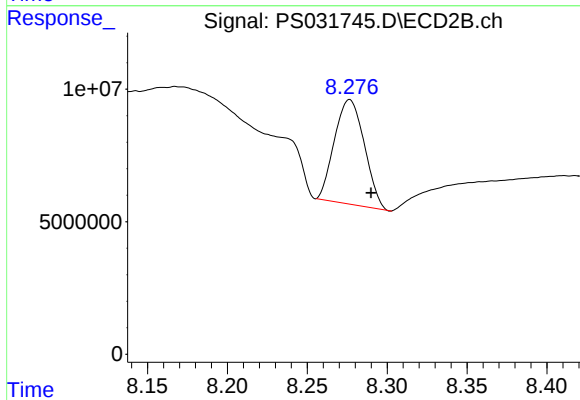
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 215237925
Conc: 19.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2025

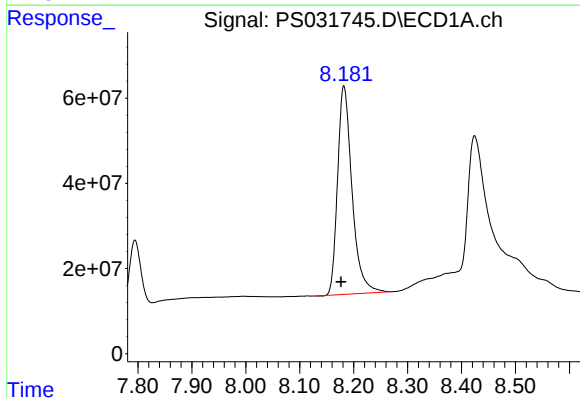
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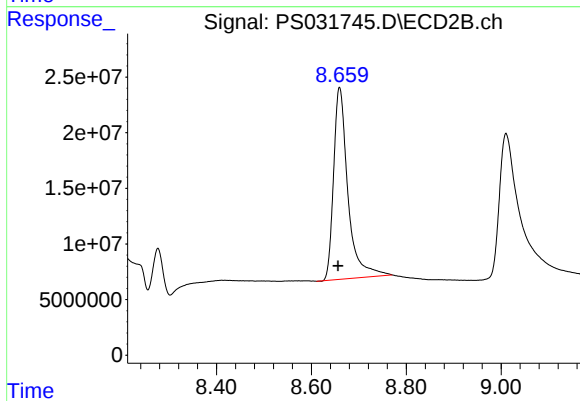
#7 MCPA

R.T.: 8.276 min
Delta R.T.: -0.013 min
Response: 51449804
Conc: 18.37 ug/ml



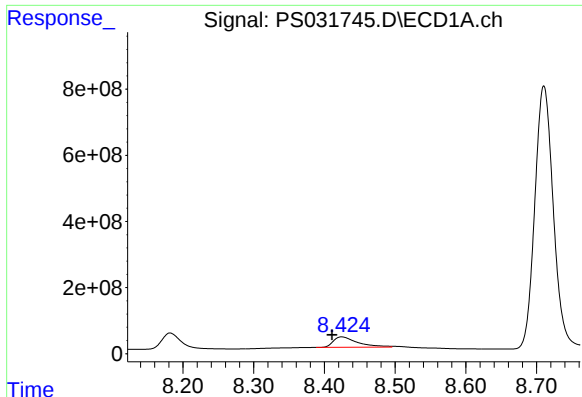
#8 DICHLORPROP

R.T.: 8.182 min
Delta R.T.: 0.005 min
Response: 910793136
Conc: 255.71 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 361374893
Conc: 248.36 ng/ml



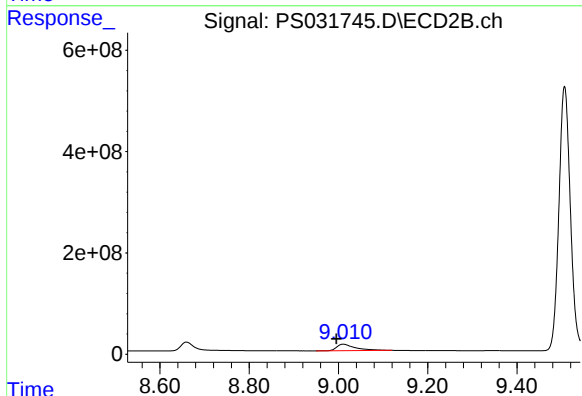
#9 2,4-D

R.T.: 8.424 min
Delta R.T.: 0.013 min
Response: 764255293
Conc: 223.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2025

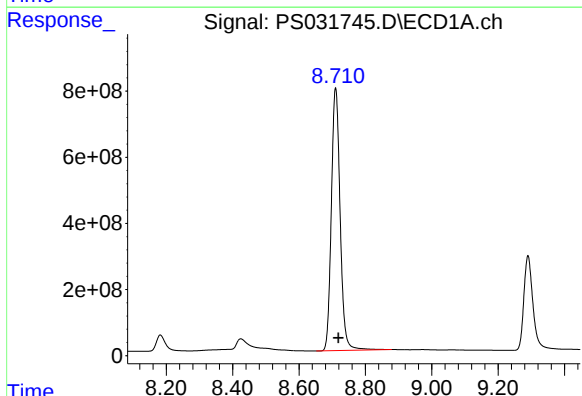
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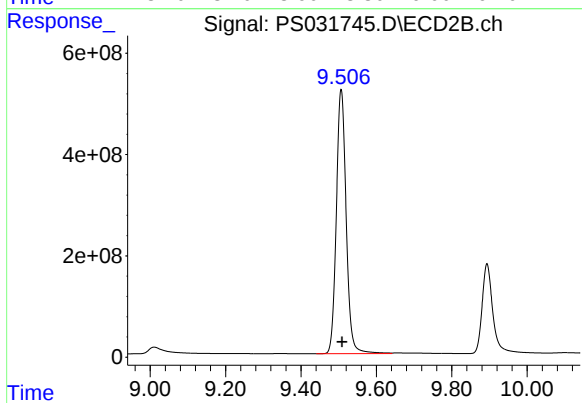
#9 2,4-D

R.T.: 9.011 min
Delta R.T.: 0.015 min
Response: 367705746
Conc: 223.51 ng/ml



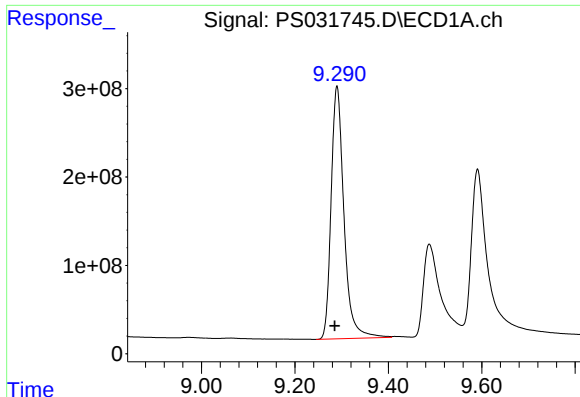
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.008 min
Response: 14621499305
Conc: 275.39 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 9445316553
Conc: 237.97 ng/ml



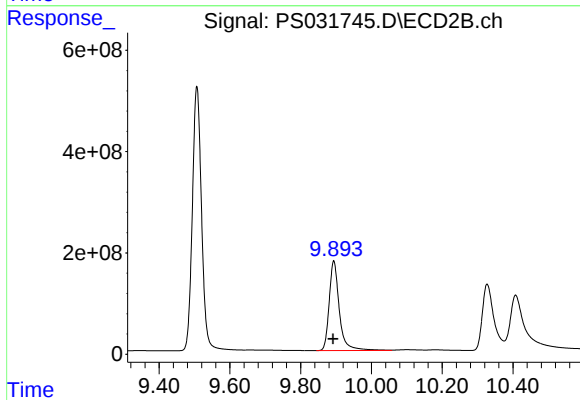
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: 0.005 min
Response: 5459507253
Conc: 260.30 ng/ml

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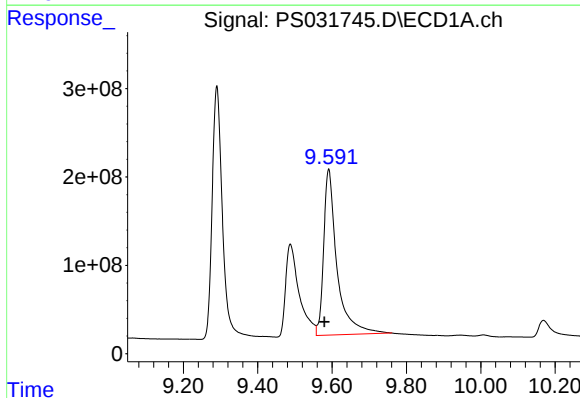
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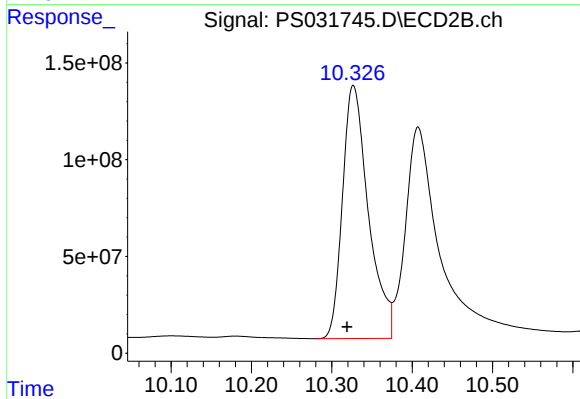
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.002 min
Response: 3536038796
Conc: 234.89 ng/ml



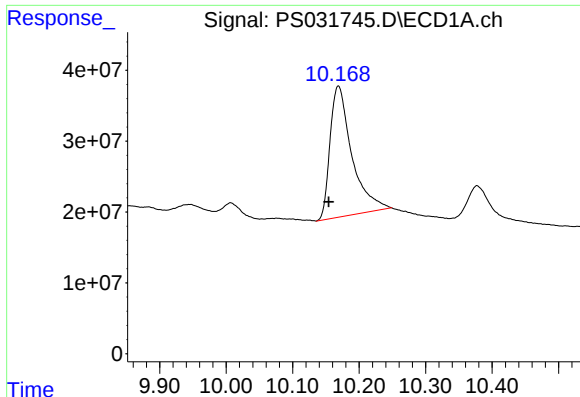
#12 2,4,5-T

R.T.: 9.591 min
Delta R.T.: 0.011 min
Response: 4673490326
Conc: 255.41 ng/ml



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: 0.008 min
Response: 2932304660
Conc: 217.90 ng/ml



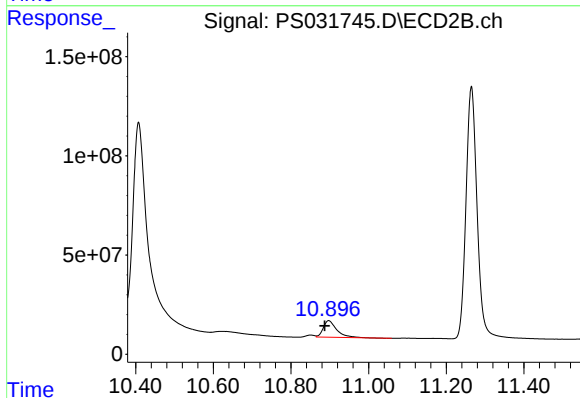
#13 2,4-DB

R.T.: 10.168 min
Delta R.T.: 0.014 min
Response: 421030724
Conc: 180.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2025

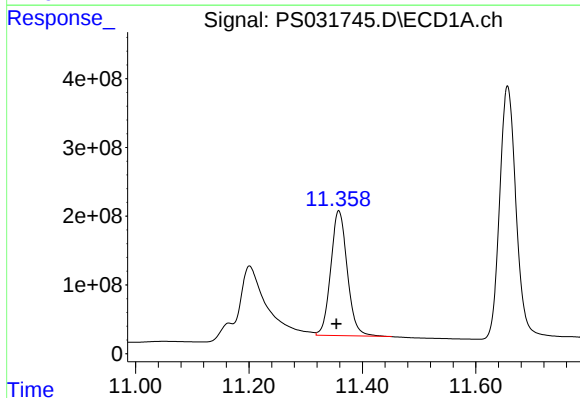
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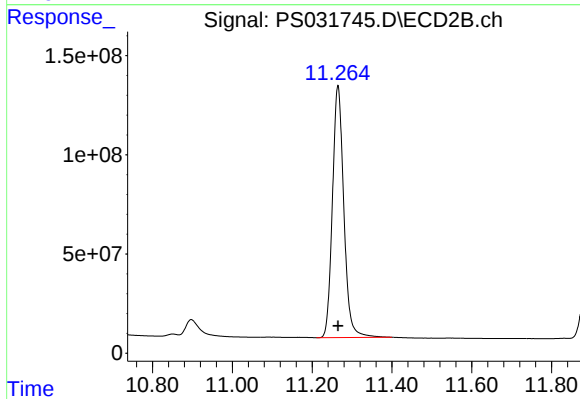
#13 2,4-DB

R.T.: 10.897 min
Delta R.T.: 0.010 min
Response: 203496503
Conc: 190.18 ng/ml



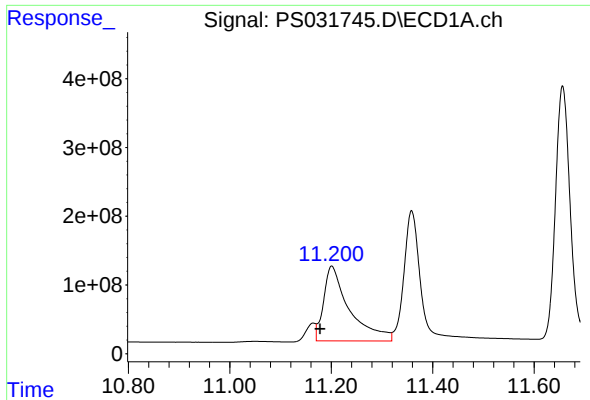
#14 DINOSEB

R.T.: 11.358 min
Delta R.T.: 0.004 min
Response: 3671196122
Conc: 254.54 ng/ml m



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 2513660017
Conc: 258.59 ng/ml



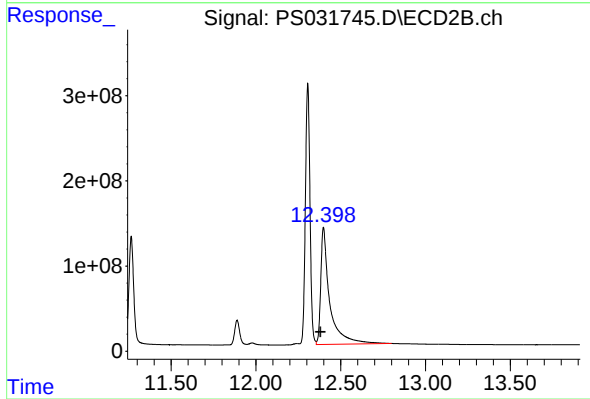
#15 Picloram

R.T.: 11.200 min
Delta R.T.: 0.023 min
Response: 3848519496
Conc: 213.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-WATER-03-QT3-2025

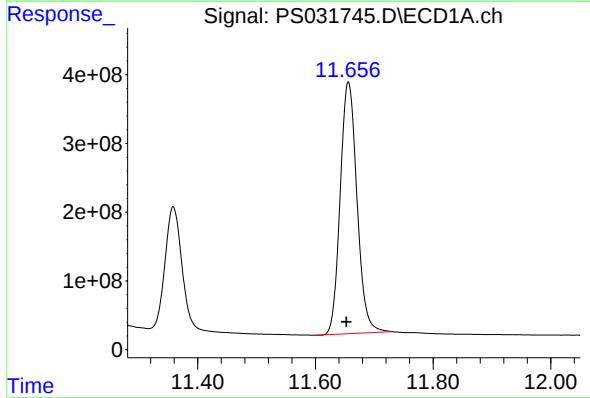
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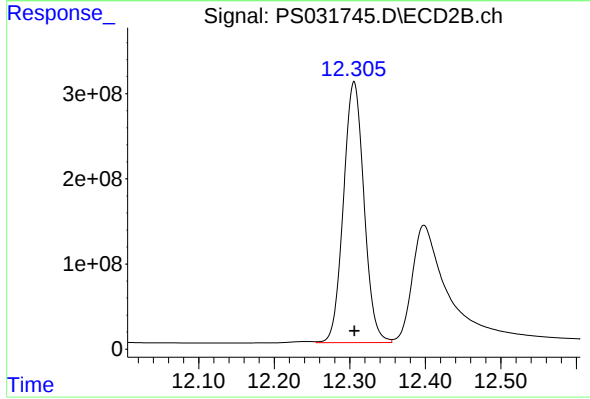
#15 Picloram

R.T.: 12.398 min
Delta R.T.: 0.018 min
Response: 5061341938
Conc: 213.71 ng/ml



#16 DCPA

R.T.: 11.656 min
Delta R.T.: 0.003 min
Response: 7260474338
Conc: 269.41 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 5791210414
Conc: 240.26 ng/ml