

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 21:57
 Operator : AR\AJ
 Sample : Q2893-08
 Misc : LOQ WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 02:27:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.285	7.742	1674.0E6	418.5E6	527.401	495.061m
Target Compounds							
1) T	Dalapon	2.666	2.667f	1060.3E6	1649.7E6	202.008	619.934 #
2) T	3,5-DICHL...	6.453	6.698	945.7E6	231.4E6	200.423	171.159m
3) T	4-Nitroph...	7.100	7.308	203.8E6	178.4E6	197.502	141.954 #
5) T	DICAMBA	7.469	7.939	2706.8E6	1070.2E6	193.805	188.328
6) T	MCPD	7.644	8.032	113.8E6	18575227	14.144m	10.507m#
7) T	MCPA	7.794	8.278	163.2E6	34574781	16.379	12.324
8) T	DICHLORPROP	8.179	8.660	731.9E6	277.6E6	230.698	207.922m
9) T	2,4-D	8.419	9.007	727.7E6	337.9E6	252.954	236.733
10) T	Pentachlo...	8.708	9.508	10977.7E6	7198.1E6	228.644	206.672
11) T	2,4,5-TP ...	9.287	9.892	4317.6E6	3042.8E6	240.886	231.987
12) T	2,4,5-T	9.584	10.327	2946.0E6	2174.0E6	201.074m	183.617m
13) T	2,4-DB	10.162	10.897	403.9E6	147.2E6	210.175m	152.588m#
14) T	DINOSEB	11.356	11.267	2734.9E6	1759.8E6	215.709	186.085
15) T	Picloram	11.197	12.403	1733.8E6	2113.0E6	132.816m	120.539
16) T	DCPA	11.652	12.307	3978.8E6	4154.3E6	174.668m	210.875m

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

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Acq On : 03 Sep 2025 21:57
Operator : AR\AJ
Sample : Q2893-08
Misc : LOQ WATER
ALS Vial : 21 Sample Multiplier: 1

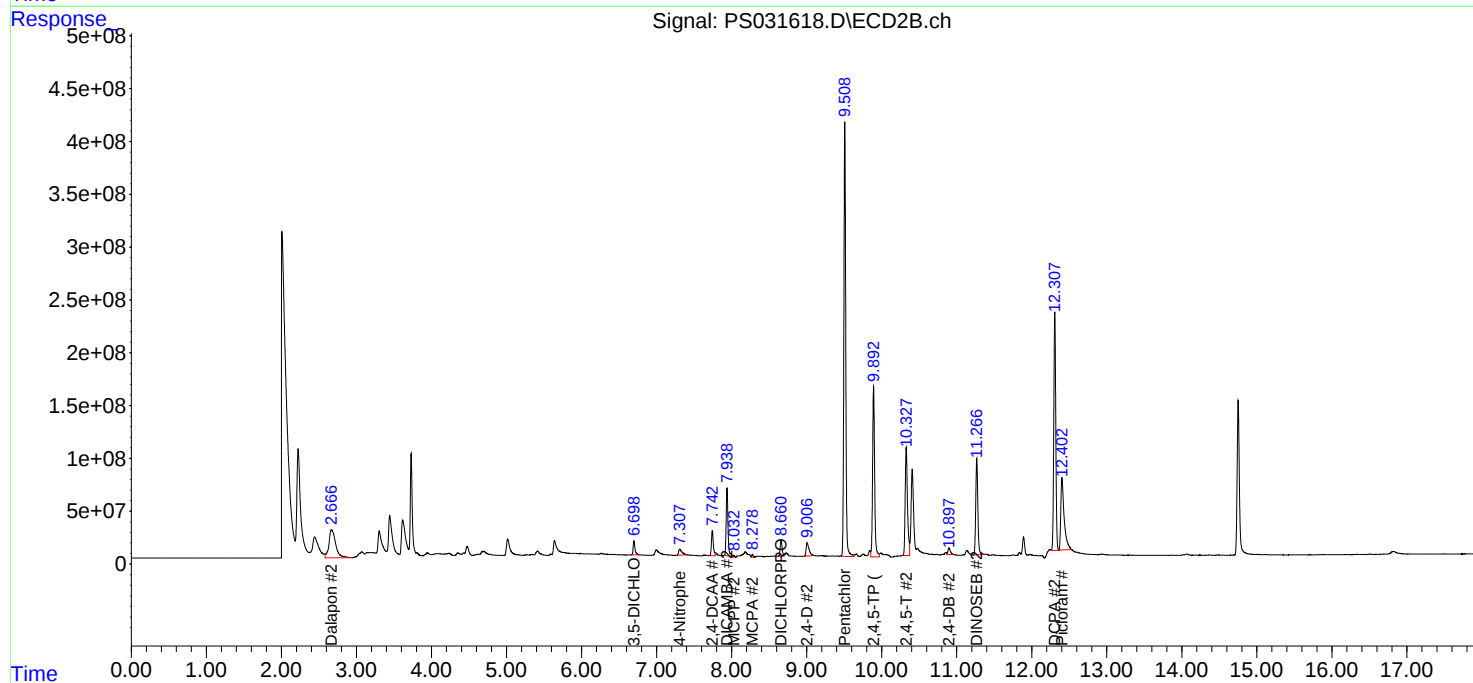
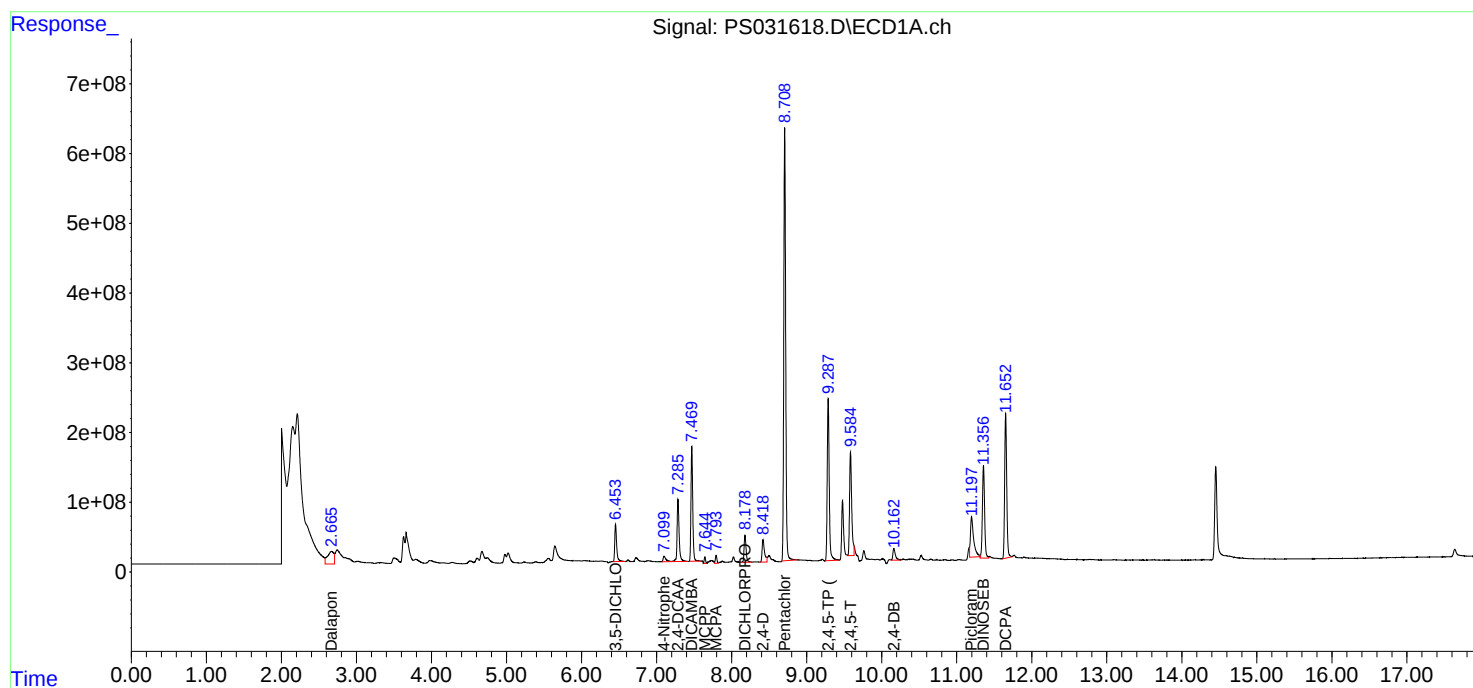
Instrument :
ECD_S
ClientSampleId :
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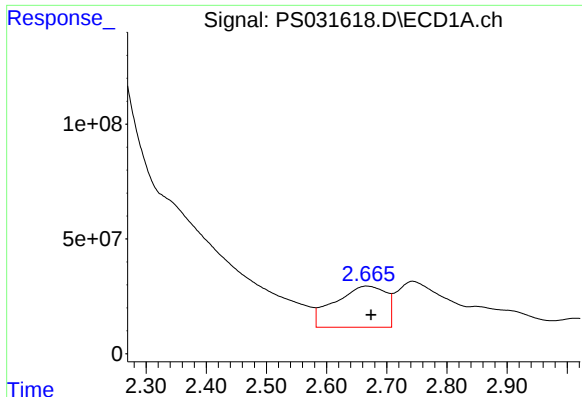
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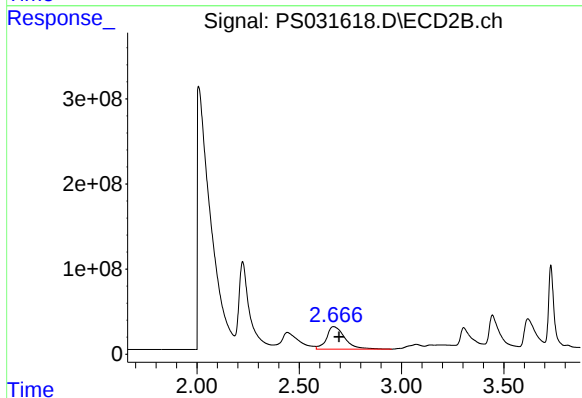
#1 Dalapon

R.T.: 2.666 min
Delta R.T.: -0.008 min
Response: 1060326740
Conc: 202.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

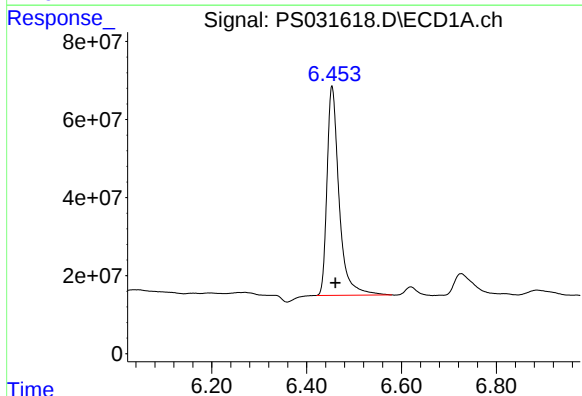
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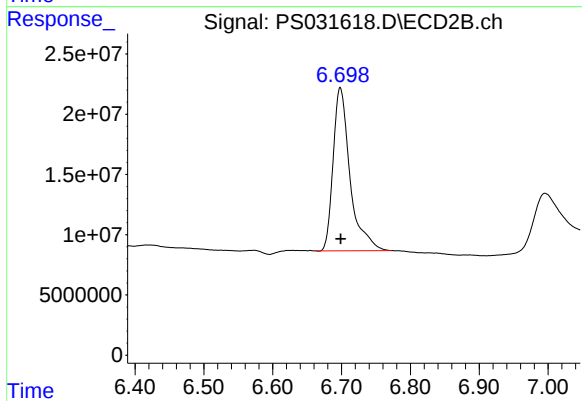
#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.028 min
Response: 1649652468
Conc: 619.93 ng/ml



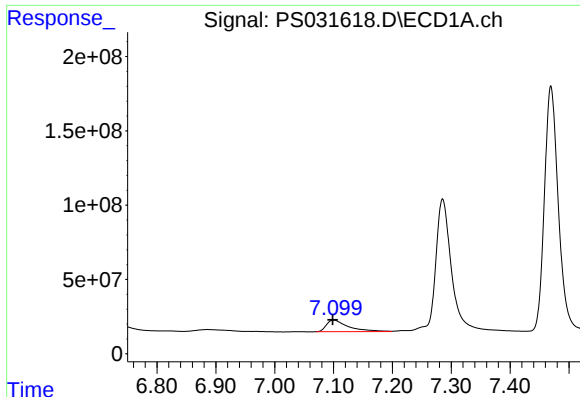
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.007 min
Response: 945656763
Conc: 200.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 231394332
Conc: 171.16 ng/ml m



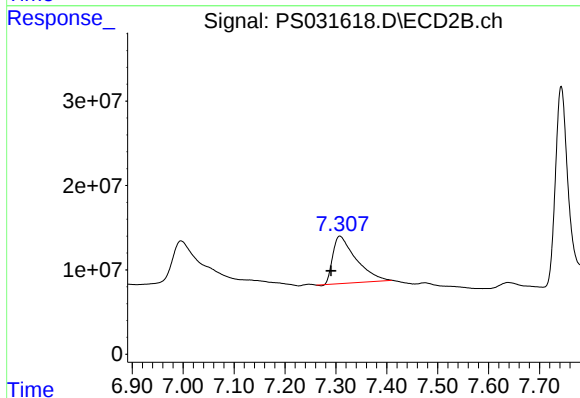
#3 4-Nitrophenol

R.T.: 7.100 min
Delta R.T.: 0.002 min
Response: 203759012
Conc: 197.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

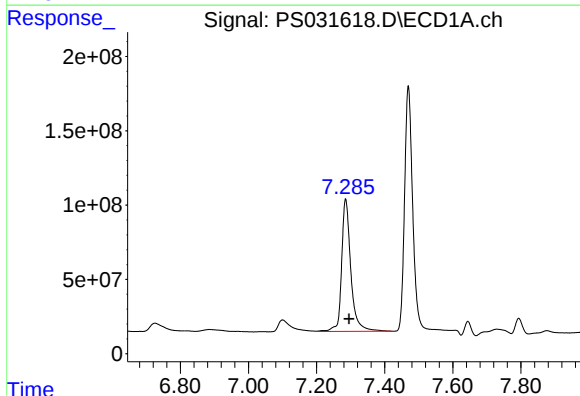
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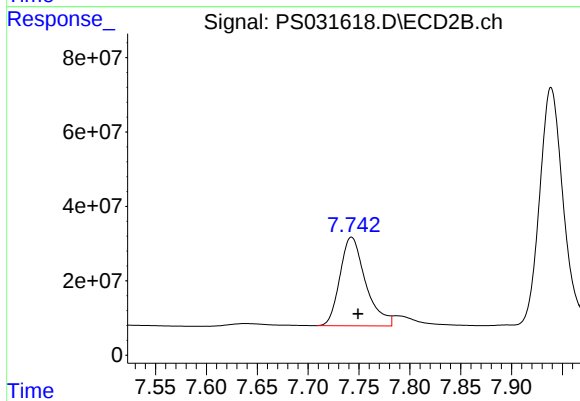
#3 4-Nitrophenol

R.T.: 7.308 min
Delta R.T.: 0.018 min
Response: 178420432
Conc: 141.95 ng/ml



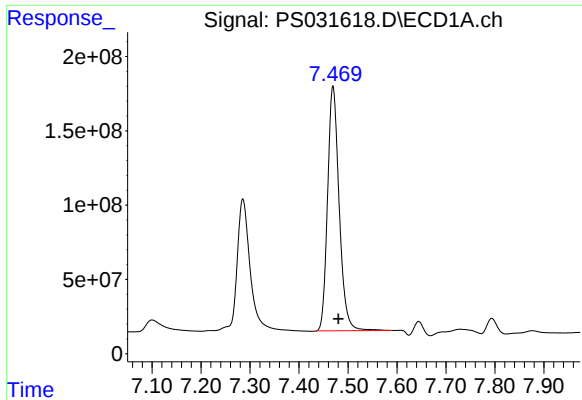
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.009 min
Response: 1673963394
Conc: 527.40 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 418494807
Conc: 495.06 ng/ml m



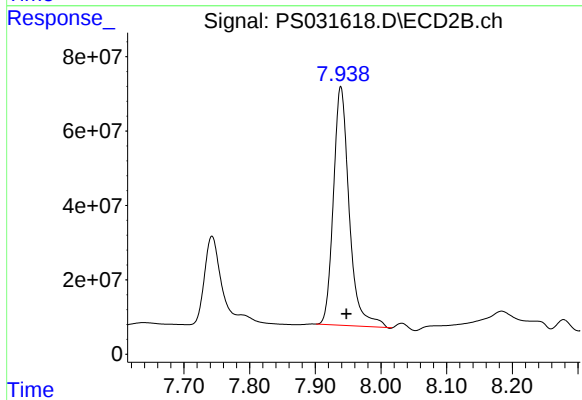
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: -0.011 min
Response: 2706775252
Conc: 193.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

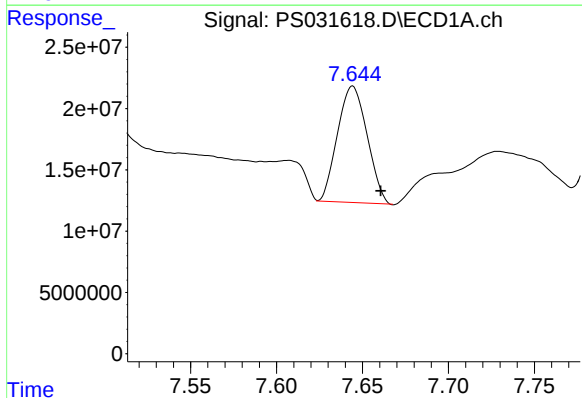
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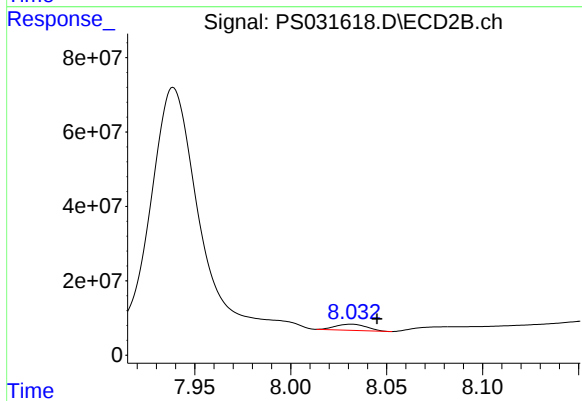
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 1070206944
Conc: 188.33 ng/ml



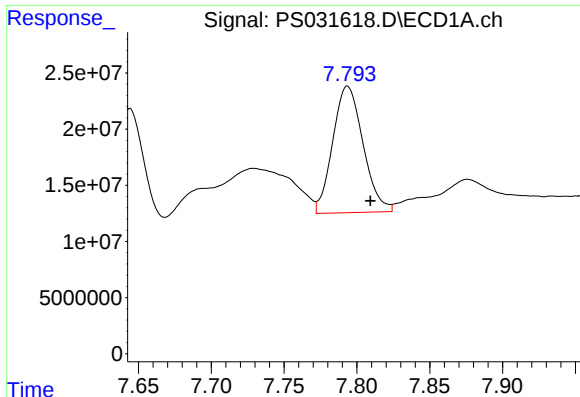
#6 MCPP

R.T.: 7.644 min
Delta R.T.: -0.017 min
Response: 113783526
Conc: 14.14 ug/ml m



#6 MCPP

R.T.: 8.032 min
Delta R.T.: -0.013 min
Response: 18575227
Conc: 10.51 ug/ml m



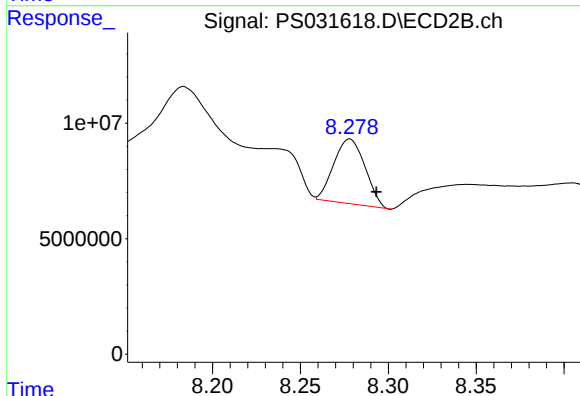
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.016 min
Response: 163159103
Conc: 16.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

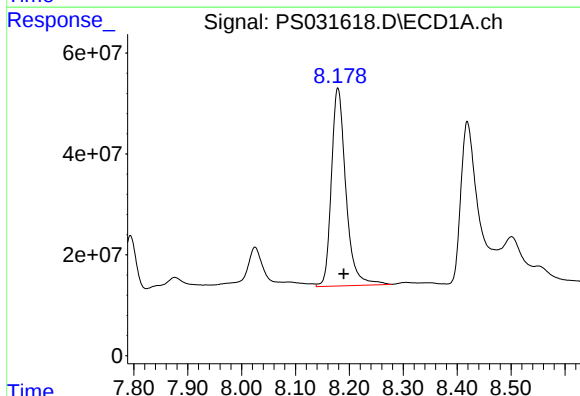
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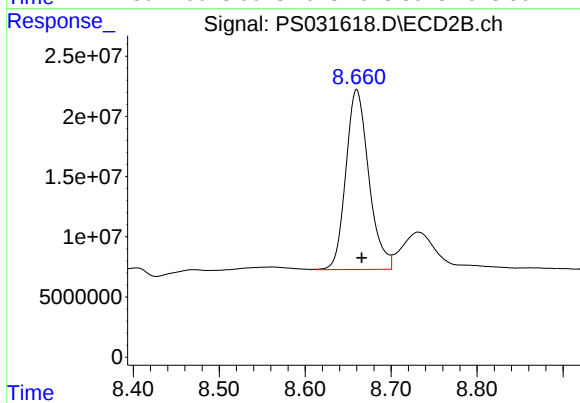
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.015 min
Response: 34574781
Conc: 12.32 ug/ml



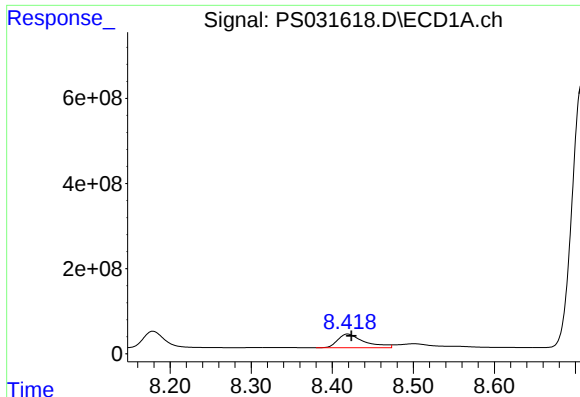
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.011 min
Response: 731874238
Conc: 230.70 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: -0.006 min
Response: 277583086
Conc: 207.92 ng/ml m



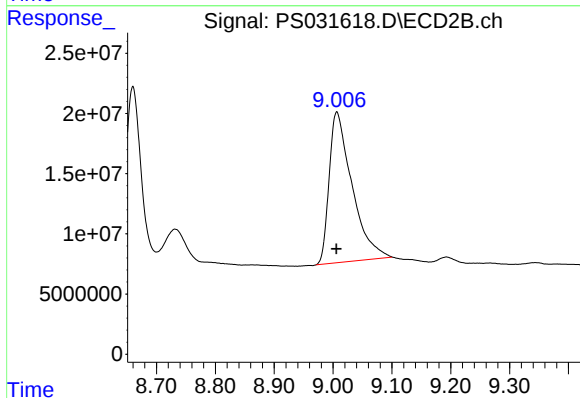
#9 2,4-D

R.T.: 8.419 min
Delta R.T.: -0.005 min
Response: 727700879
Conc: 252.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

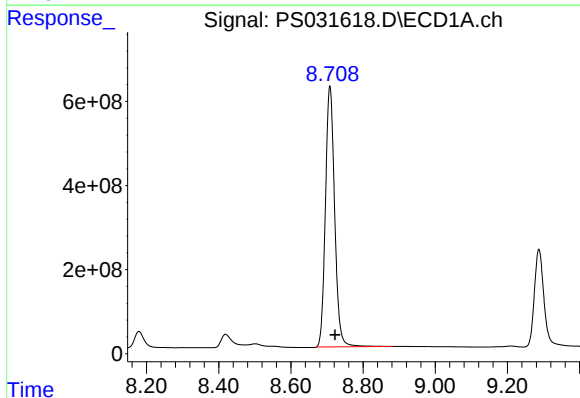
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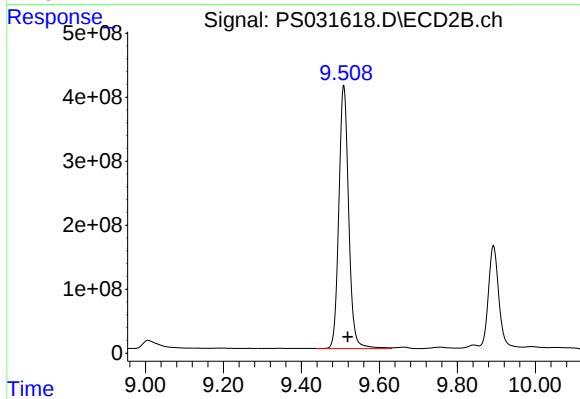
#9 2,4-D

R.T.: 9.007 min
Delta R.T.: 0.001 min
Response: 337885371
Conc: 236.73 ng/ml



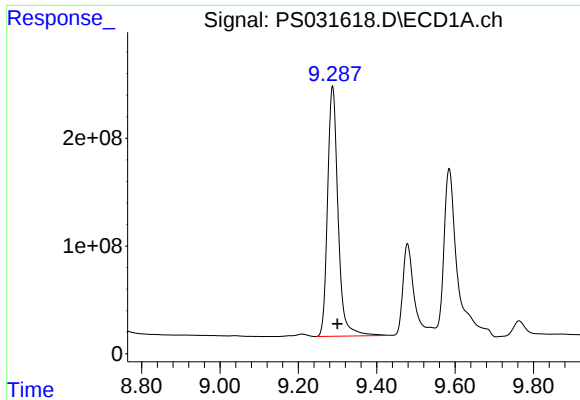
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.014 min
Response: 10977737669
Conc: 228.64 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.010 min
Response: 7198074290
Conc: 206.67 ng/ml



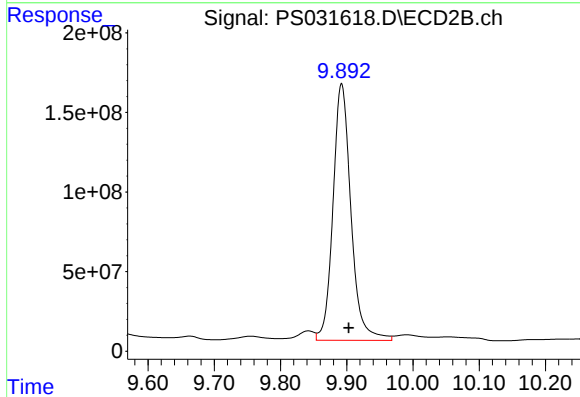
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 4317577254
Conc: 240.89 ng/ml

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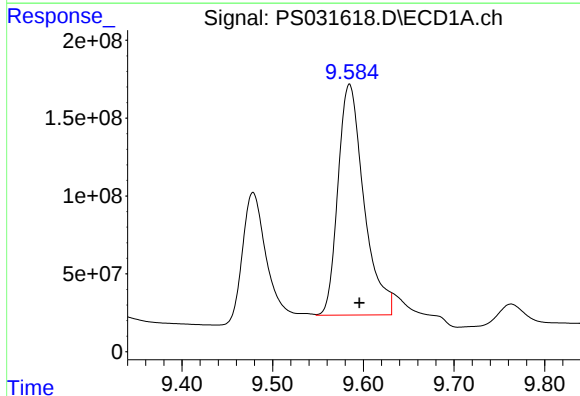
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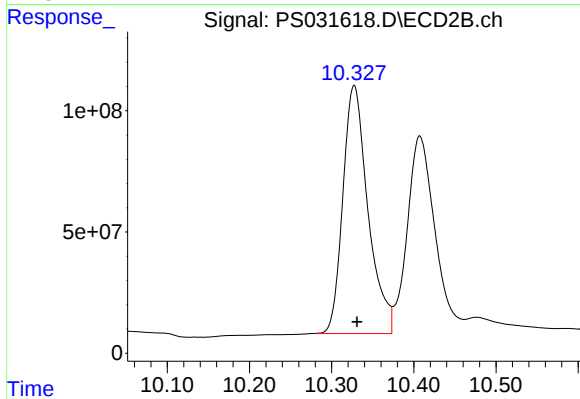
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 3042753490
Conc: 231.99 ng/ml



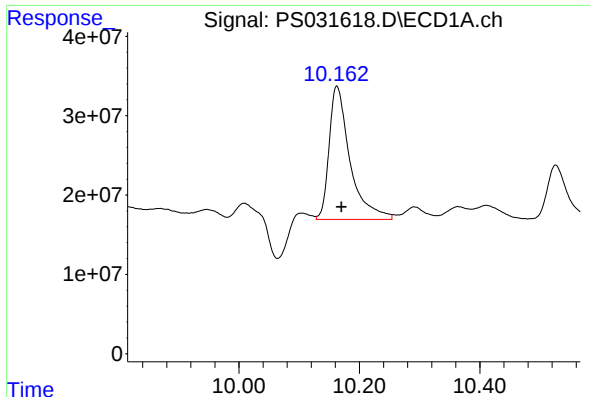
#12 2,4,5-T

R.T.: 9.584 min
Delta R.T.: -0.011 min
Response: 2945979005
Conc: 201.07 ng/ml m



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: -0.004 min
Response: 2173982304
Conc: 183.62 ng/ml m



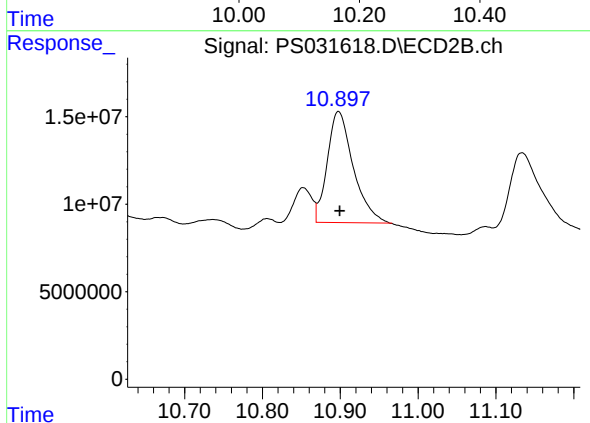
#13 2,4-DB

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 403897404
Conc: 210.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

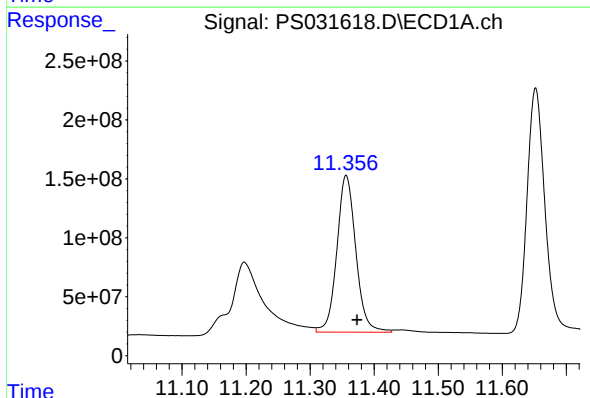
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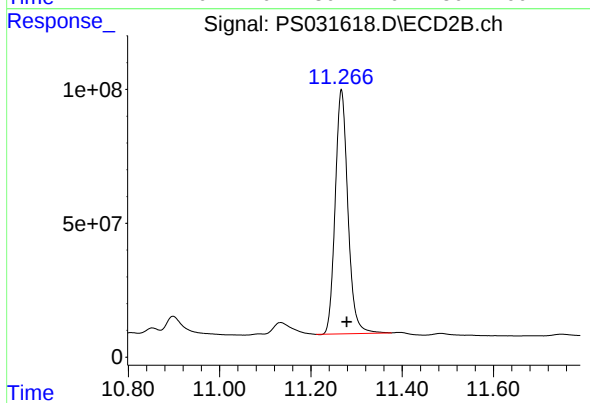
#13 2,4-DB

R.T.: 10.897 min
Delta R.T.: -0.002 min
Response: 147224252
Conc: 152.59 ng/ml m



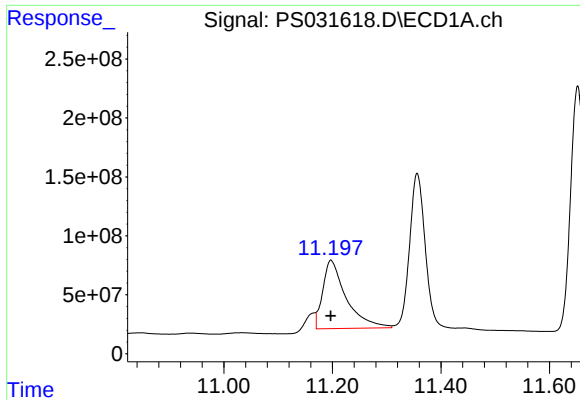
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.017 min
Response: 2734857973
Conc: 215.71 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: -0.012 min
Response: 1759795419
Conc: 186.08 ng/ml



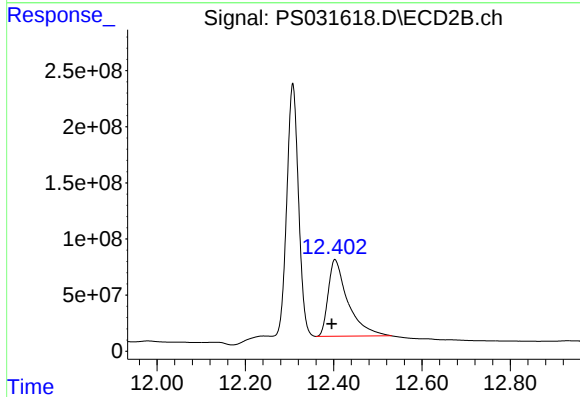
#15 Picloram

R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 1733799979
Conc: 132.82 ng/ml

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ClientSampleId :
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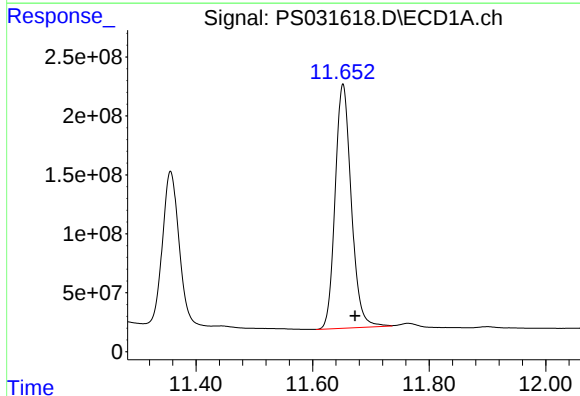
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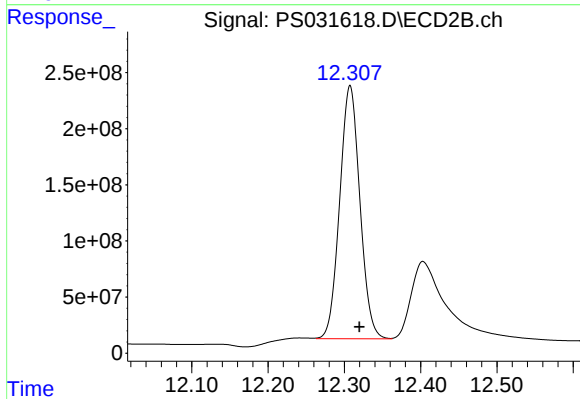
#15 Picloram

R.T.: 12.403 min
Delta R.T.: 0.008 min
Response: 2113010502
Conc: 120.54 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: -0.021 min
Response: 3978826397
Conc: 174.67 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 4154316813
Conc: 210.87 ng/ml m