

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
 Data File : PS031703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 17:11
 Operator : AR\AJ
 Sample : Q2893-08
 Misc : LOQ WATER 200PPB
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/12/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 03:49:36 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	7.287	7.745	2095.3E6	609.6E6	581.780	670.702
Target Compounds							
1) T	Dalapon	2.671	2.690	1120.7E6	543.1E6	193.867m	192.742m
2) T	3,5-DICHL...	6.455	6.702	1134.4E6	283.5E6	212.702	185.903
3) T	4-Nitroph...	7.104	7.311	196.0E6	201.3E6	177.631	159.420m
5) T	DICAMBA	7.471	7.941	3108.8E6	1166.5E6	199.325	179.275m
6) T	MCPD	7.645	8.034	151.2E6	31851769	16.914m	16.912m
7) T	MCPA	7.794	8.280	199.1E6	52869446	17.924	18.874m
8) T	DICHLORPROP	8.181	8.663	816.0E6	307.0E6	229.104	210.971
9) T	2,4-D	8.423	9.011	826.7E6	403.8E6	241.313	245.479
10) T	Pentachlo...	8.710	9.511	12686.9E6	8501.9E6	238.953	214.205
11) T	2,4,5-TP ...	9.289	9.897	4817.9E6	3380.6E6	229.713	224.560
12) T	2,4,5-T	9.590	10.331	3914.8E6	2597.5E6	213.944	193.020
13) T	2,4-DB	10.167	10.901	376.5E6	200.5E6	161.414m	187.376
14) T	DINOSEB	11.357	11.270	2858.7E6	1767.2E6	198.211	181.800
15) T	Picloram	11.205	12.405	2369.3E6	3646.8E6	131.549	153.983
16) T	DCPA	11.651	12.310	3325.6E6	4851.2E6	123.398	201.259 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
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Acq On : 11 Sep 2025 17:11
Operator : AR\AJ
Sample : Q2893-08
Misc : LOQ WATER 200PPB
ALS Vial : 9 Sample Multiplier: 1

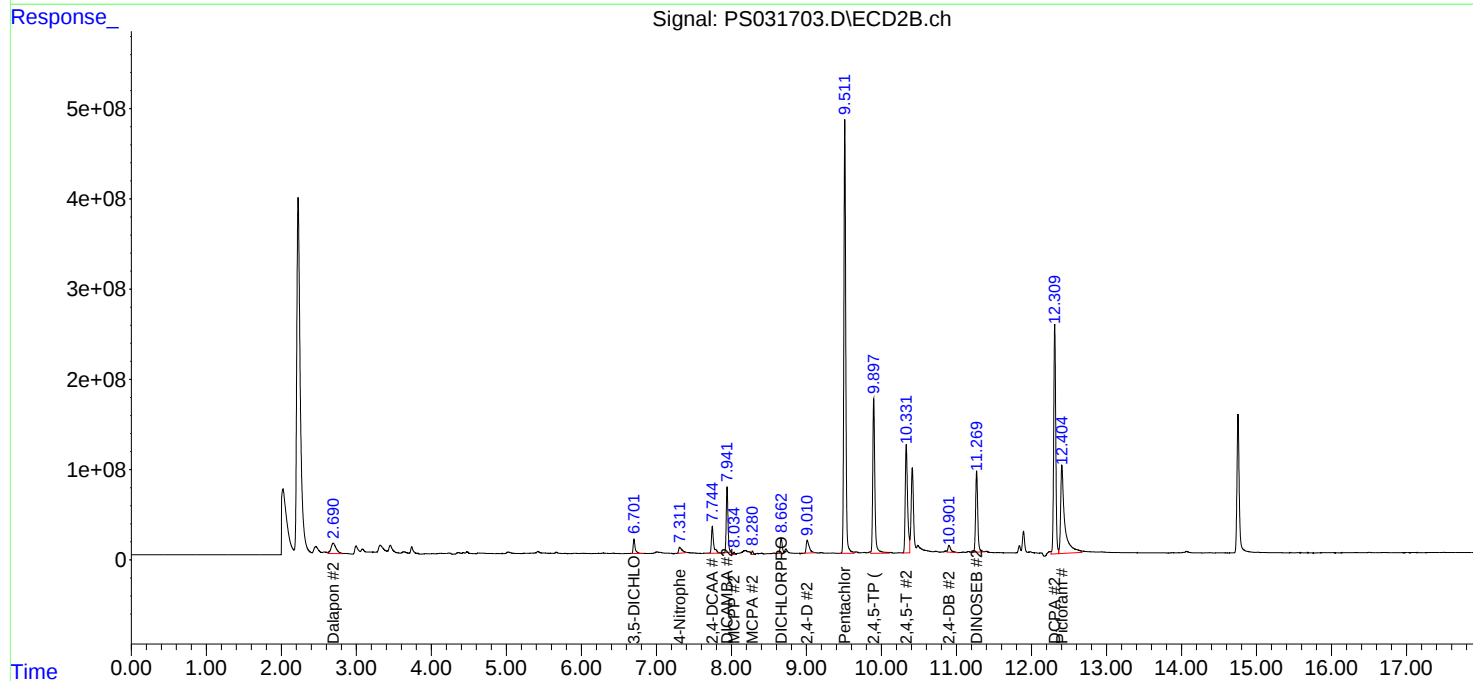
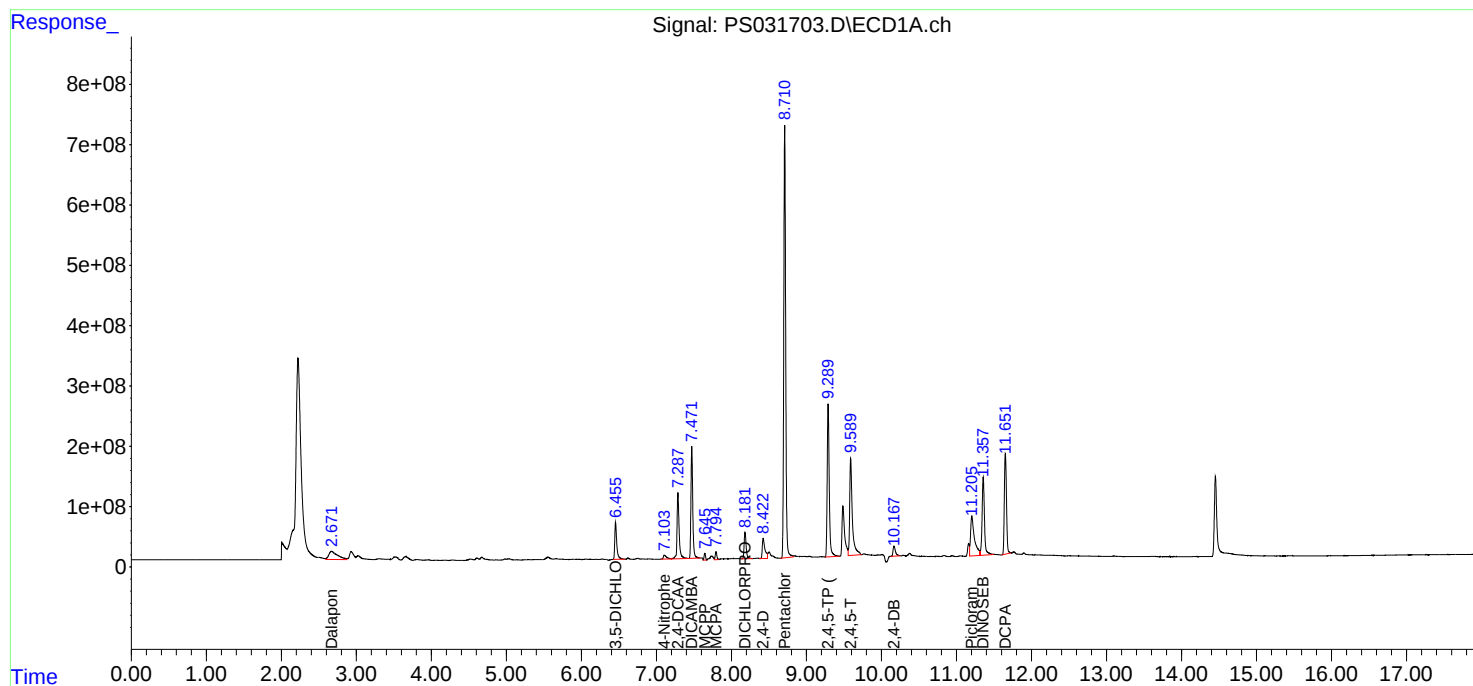
Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT3-2025

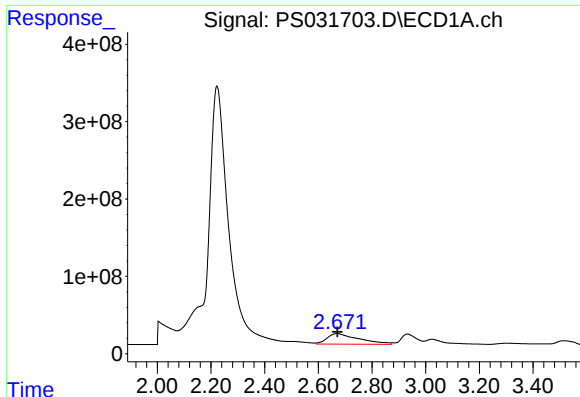
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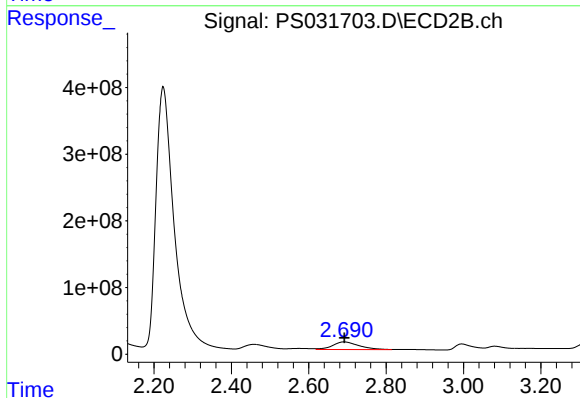
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 1120696415
Conc: 193.87 ng/ml

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

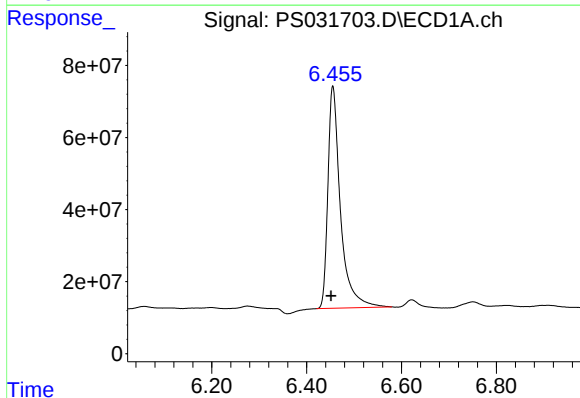
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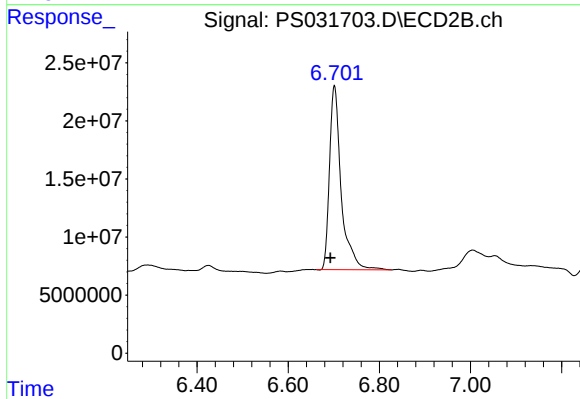
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 543076343
Conc: 192.74 ng/ml m



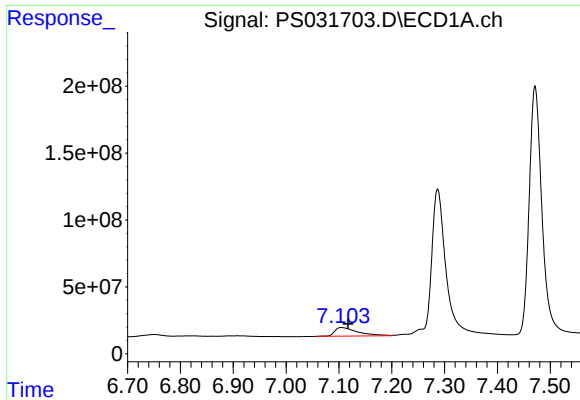
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: 0.004 min
Response: 1134418418
Conc: 212.70 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.702 min
Delta R.T.: 0.009 min
Response: 283495663
Conc: 185.90 ng/ml



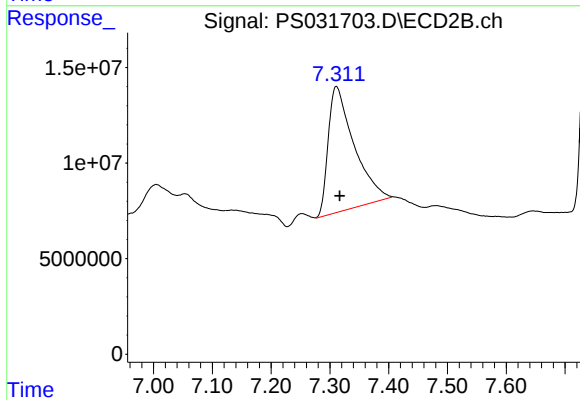
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: -0.013 min
Response: 195964270
Conc: 177.63 ng/ml

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

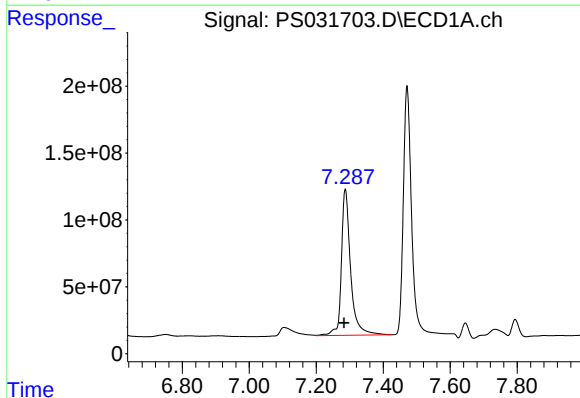
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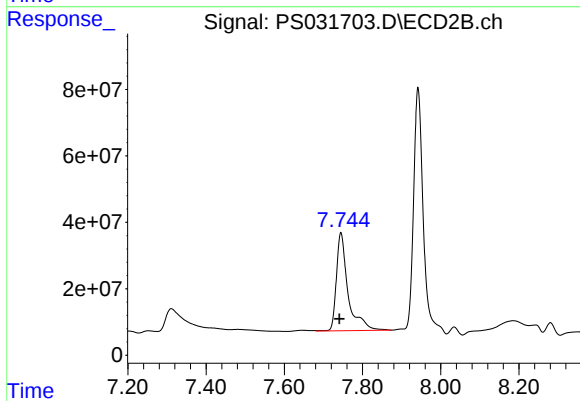
#3 4-Nitrophenol

R.T.: 7.311 min
Delta R.T.: -0.006 min
Response: 201313103
Conc: 159.42 ng/ml m



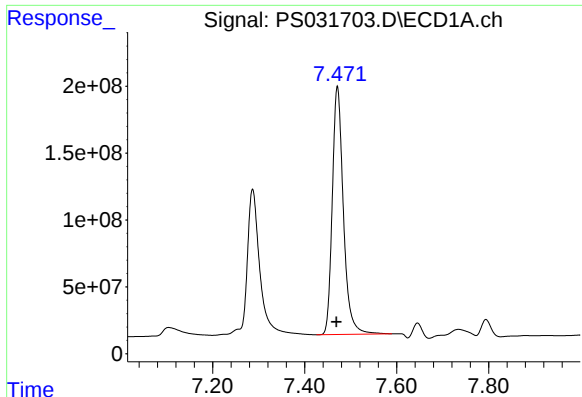
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 2095297627
Conc: 581.78 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 609600624
Conc: 670.70 ng/ml



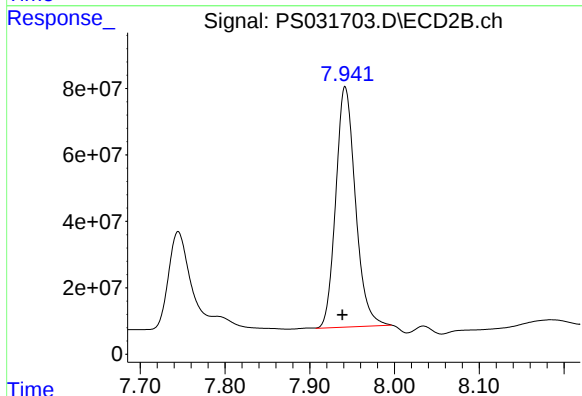
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 3108814421
Conc: 199.33 ng/ml

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

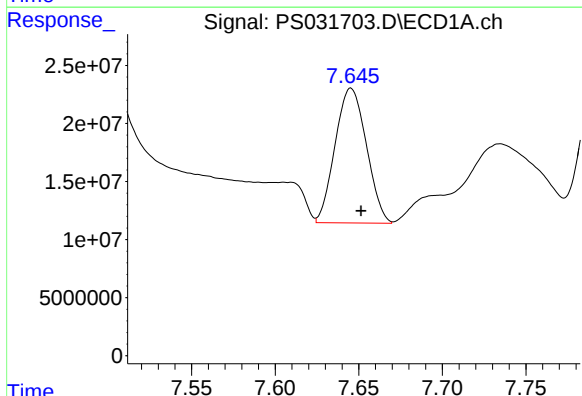
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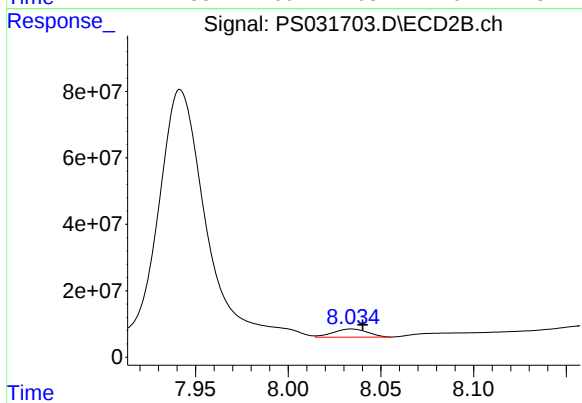
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: 0.002 min
Response: 1166517401
Conc: 179.28 ng/ml m



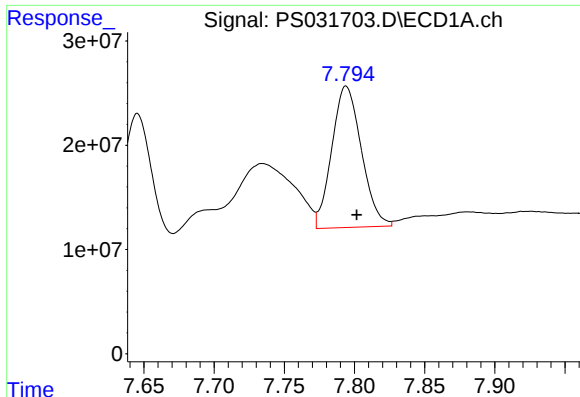
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.007 min
Response: 151199450
Conc: 16.91 ug/ml m



#6 MCPP

R.T.: 8.034 min
Delta R.T.: -0.007 min
Response: 31851769
Conc: 16.91 ug/ml m



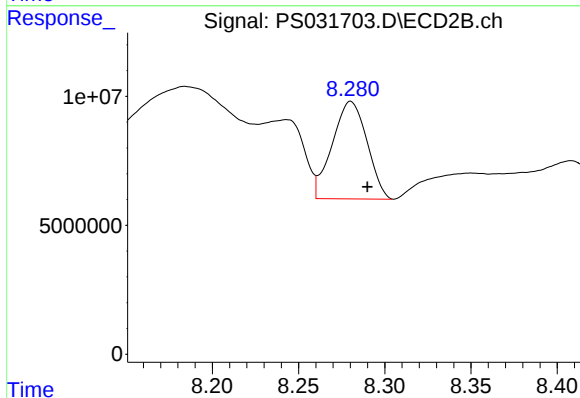
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.007 min
Response: 199142517
Conc: 17.92 ug/ml

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

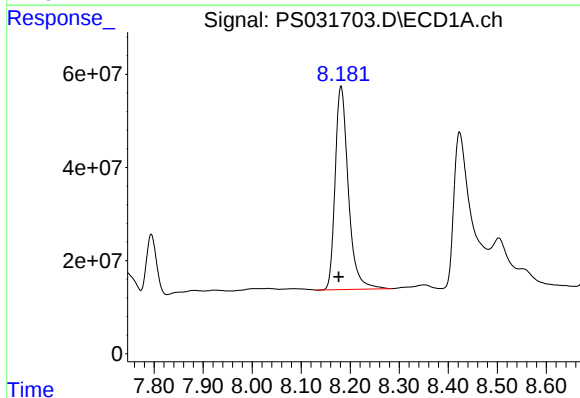
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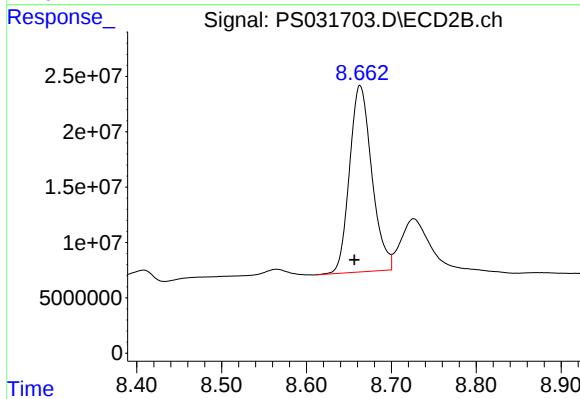
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 52869446
Conc: 18.87 ug/ml m



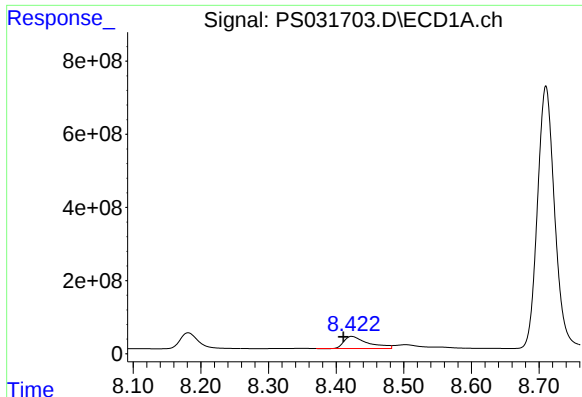
#8 DICHLORPROP

R.T.: 8.181 min
Delta R.T.: 0.005 min
Response: 816015531
Conc: 229.10 ng/ml



#8 DICHLORPROP

R.T.: 8.663 min
Delta R.T.: 0.007 min
Response: 306975493
Conc: 210.97 ng/ml



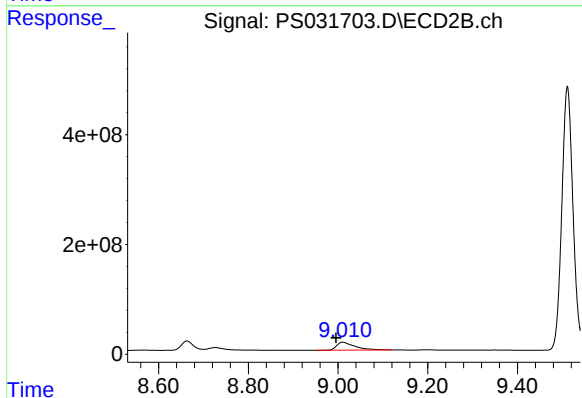
#9 2,4-D

R.T.: 8.423 min
Delta R.T.: 0.012 min
Response: 826651292
Conc: 241.31 ng/ml

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

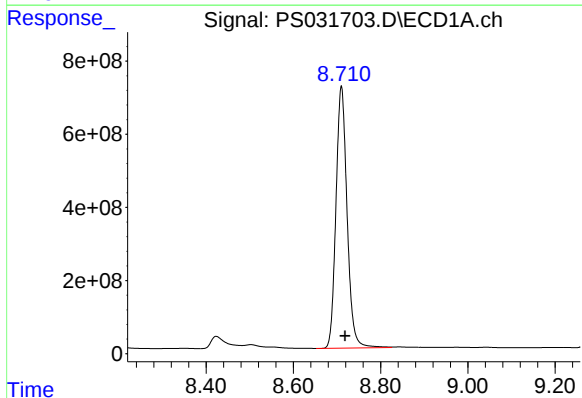
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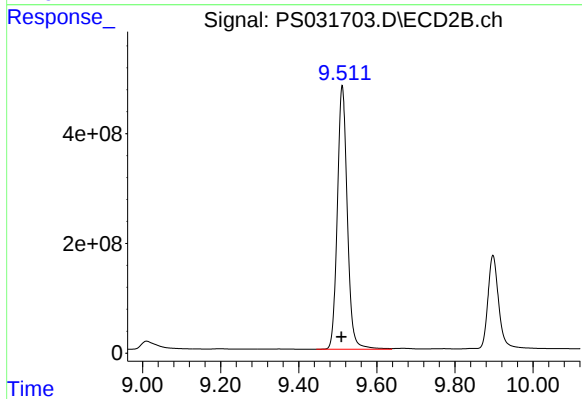
#9 2,4-D

R.T.: 9.011 min
Delta R.T.: 0.015 min
Response: 403839313
Conc: 245.48 ng/ml



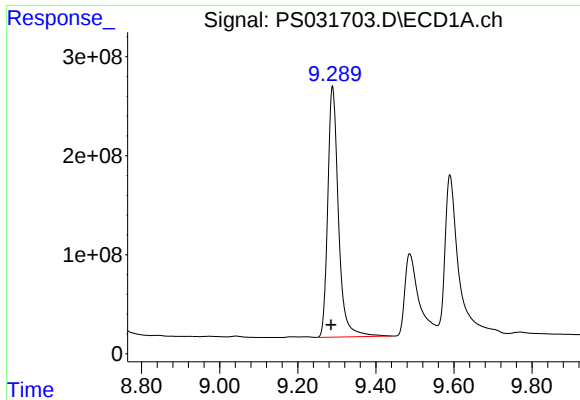
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.009 min
Response: 12686913705
Conc: 238.95 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: 0.002 min
Response: 8501924342
Conc: 214.21 ng/ml



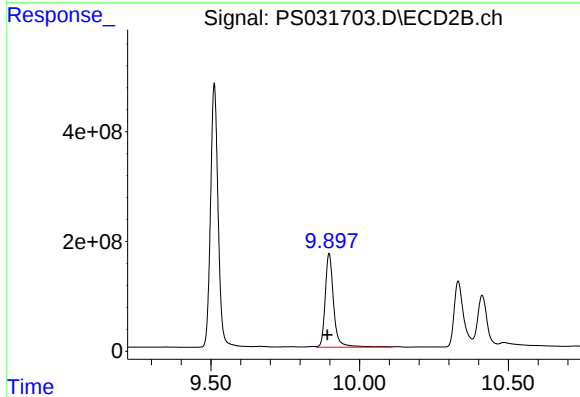
#11 2,4,5-TP (SILVEX)

R.T.: 9.289 min
Delta R.T.: 0.004 min
Response: 4817933582
Conc: 229.71 ng/ml

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

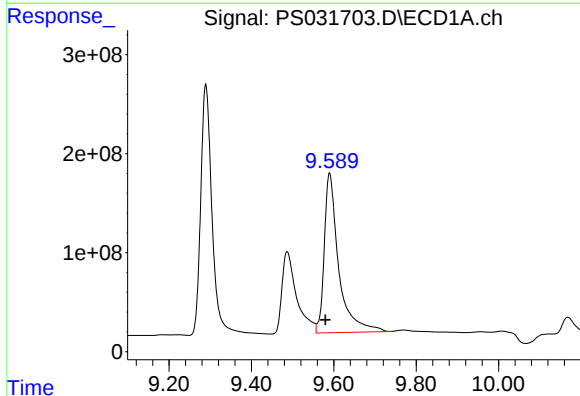
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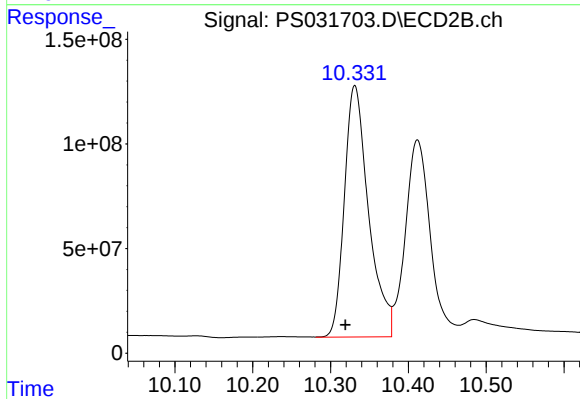
#11 2,4,5-TP (SILVEX)

R.T.: 9.897 min
Delta R.T.: 0.006 min
Response: 3380602922
Conc: 224.56 ng/ml



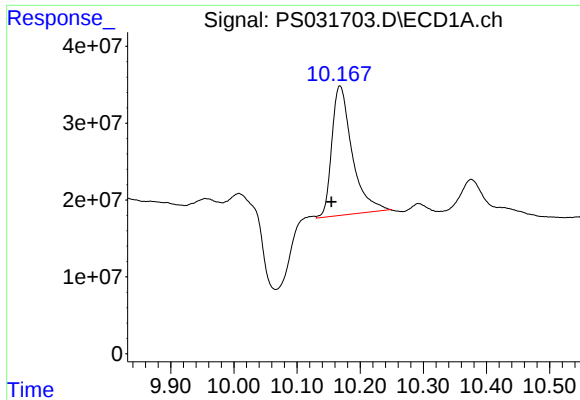
#12 2,4,5-T

R.T.: 9.590 min
Delta R.T.: 0.010 min
Response: 3914783318
Conc: 213.94 ng/ml



#12 2,4,5-T

R.T.: 10.331 min
Delta R.T.: 0.012 min
Response: 2597474263
Conc: 193.02 ng/ml



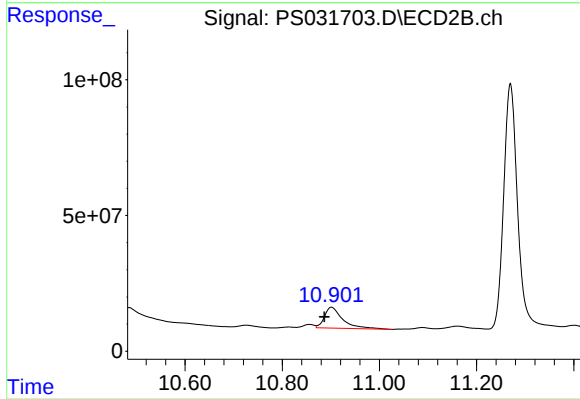
#13 2,4-DB

R.T.: 10.167 min
Delta R.T.: 0.013 min
Response: 376540229
Conc: 161.41 ng/ml

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

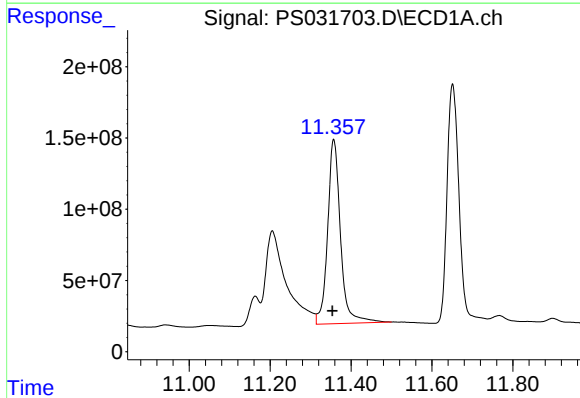
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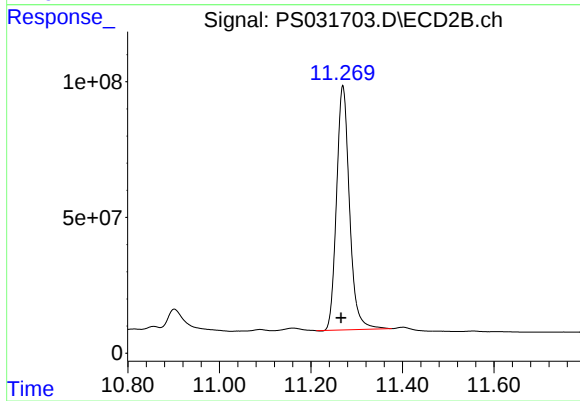
#13 2,4-DB

R.T.: 10.901 min
Delta R.T.: 0.014 min
Response: 200500718
Conc: 187.38 ng/ml



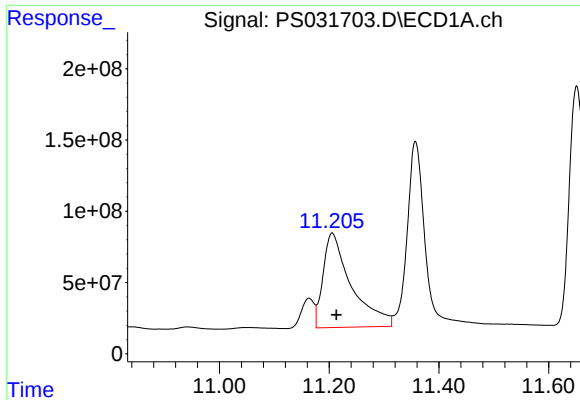
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: 0.003 min
Response: 2858737399
Conc: 198.21 ng/ml



#14 DINOSEB

R.T.: 11.270 min
Delta R.T.: 0.004 min
Response: 1767218380
Conc: 181.80 ng/ml



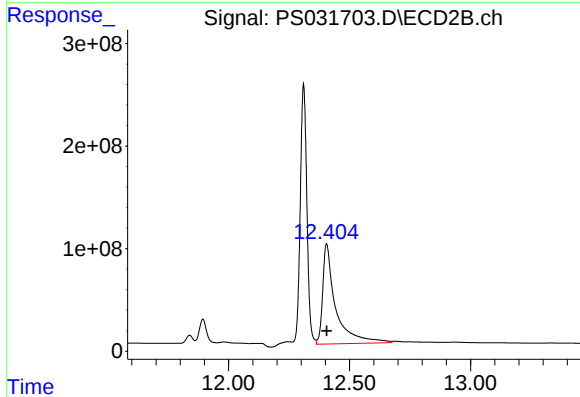
#15 Picloram

R.T.: 11.205 min
Delta R.T.: -0.008 min
Response: 2369335217
Conc: 131.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
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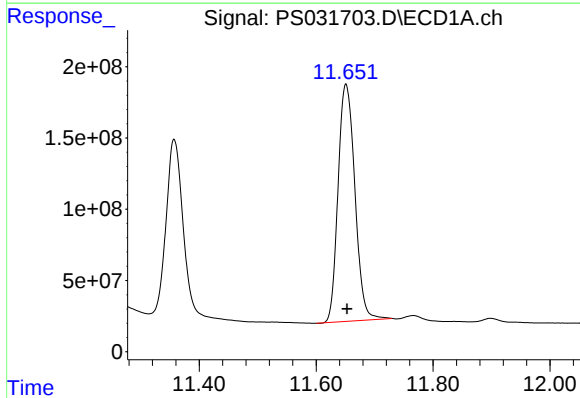
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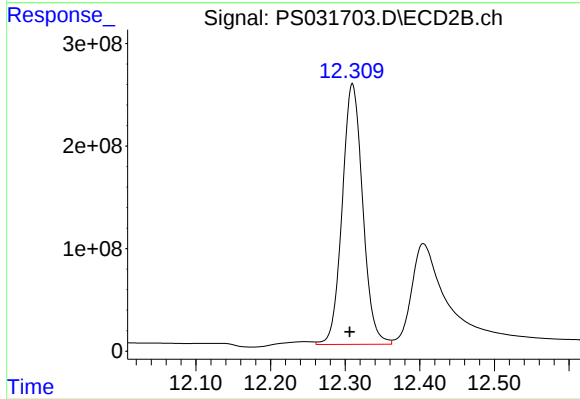
#15 Picloram

R.T.: 12.405 min
Delta R.T.: -0.001 min
Response: 3646816237
Conc: 153.98 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.002 min
Response: 3325550690
Conc: 123.40 ng/ml



#16 DCPA

R.T.: 12.310 min
Delta R.T.: 0.004 min
Response: 4851171793
Conc: 201.26 ng/ml