

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 21:08
 Operator : AR\AJ
 Sample : Q2893-07
 Misc : LOD WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-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 02:27:17 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	7.743	1538.7E6	437.3E6	484.796	517.277
Target Compounds							
1) T	Dalapon	2.667	2.668f	544.2E6	856.2E6	103.675	321.756 #
2) T	3,5-DICHL...	6.455	6.701	458.6E6	119.8E6	97.191	88.642
3) T	4-Nitroph...	7.103	7.320f	83188104	79925633	80.634	63.590m
5) T	DICAMBA	7.470	7.939	1296.3E6	492.4E6	92.816	86.652m
6) T	MCPD	7.643	8.031	36426174	4378246	4.528m	2.477 #
7) T	MCPA	7.794	8.278	70279333	11594189	7.055	4.133 #
8) T	DICHLORPROP	8.179	8.661	383.6E6	148.3E6	120.902	111.075m
9) T	2,4-D	8.422	9.013	332.0E6	169.4E6	115.418	118.684
10) T	Pentachlo...	8.709	9.509	5229.1E6	3380.1E6	108.911	97.049
11) T	2,4,5-TP ...	9.287	9.893	2136.2E6	1559.1E6	119.183	118.873
12) T	2,4,5-T	9.586	10.331	1316.6E6	1021.8E6	89.865m	86.304m
13) T	2,4-DB	10.164	10.903	189.2E6	75714661	98.443m	78.473
14) T	DINOSEB	11.356	11.268	1343.7E6	870.8E6	105.985	92.085
15) T	Picloram	11.204	12.411	822.6E6	946.4E6	63.018	53.987
16) T	DCPA	11.651	12.307	1717.5E6	1999.1E6	75.395m	101.477m#

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

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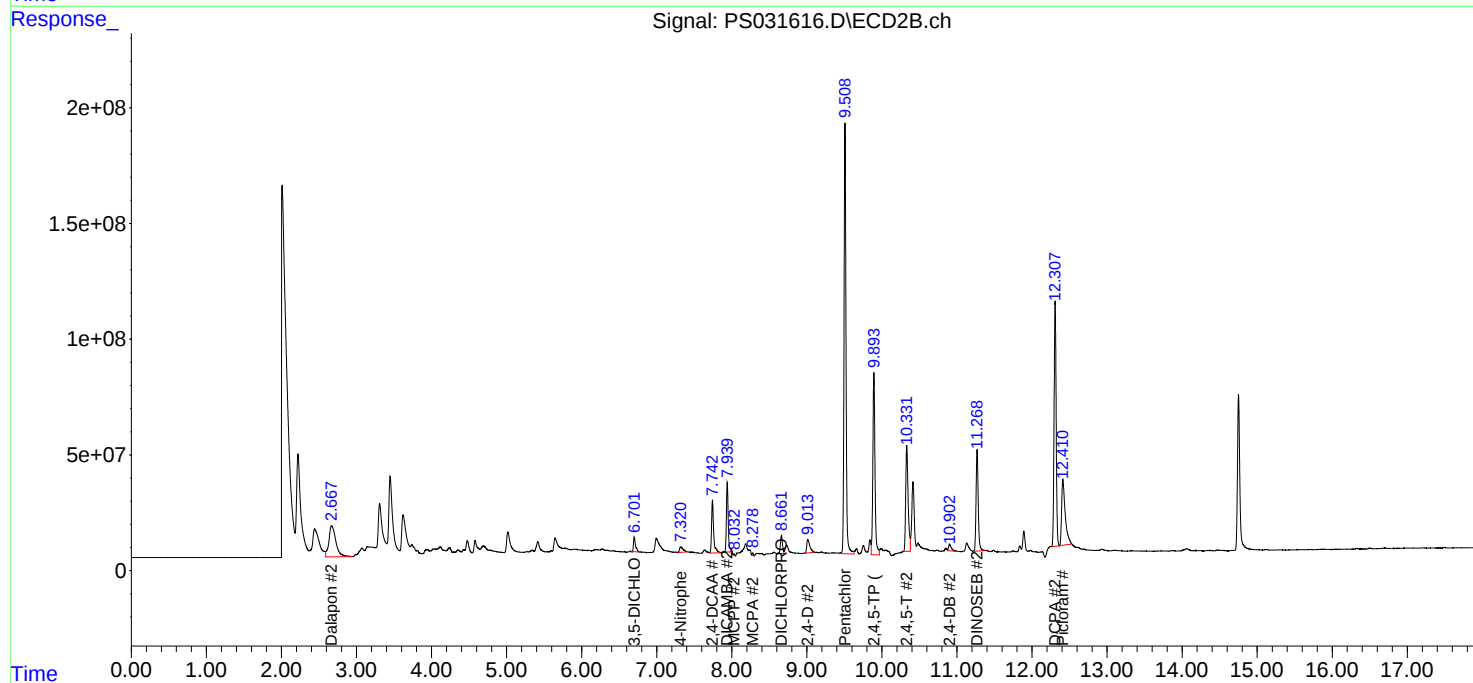
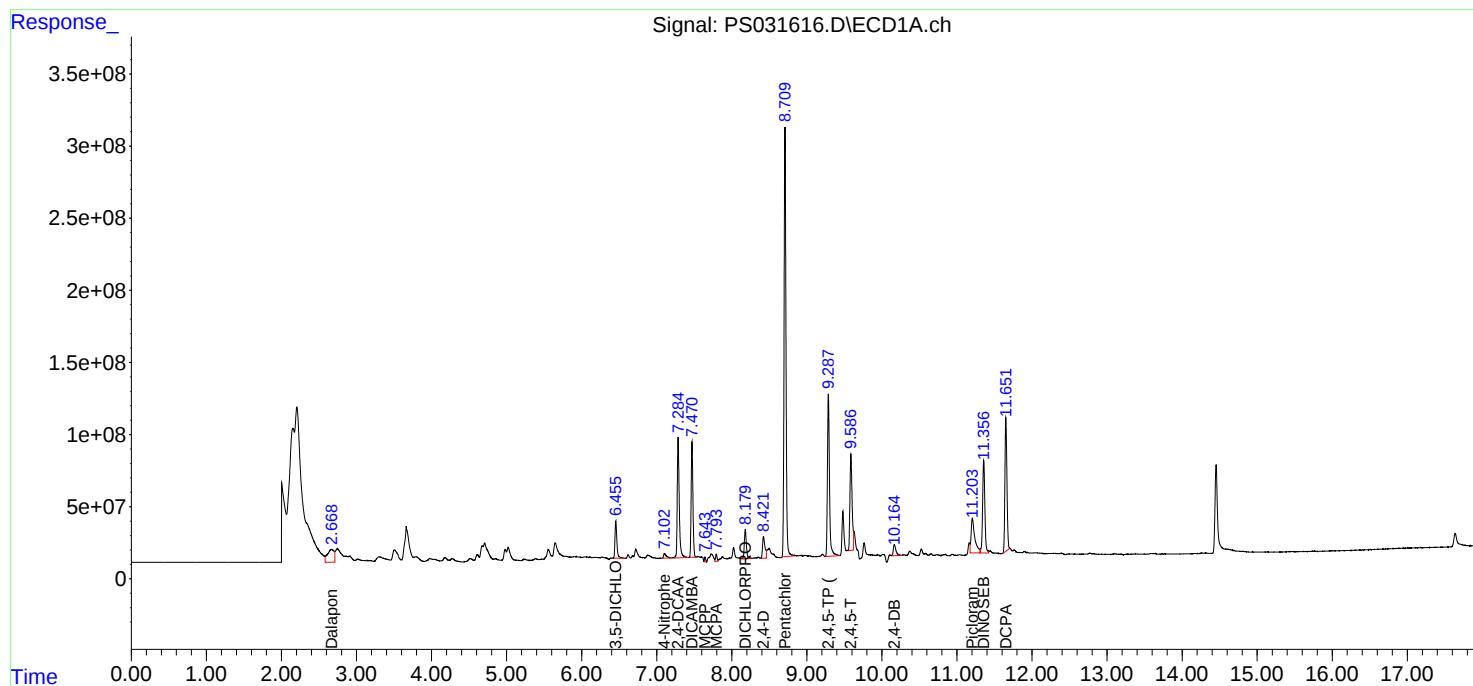
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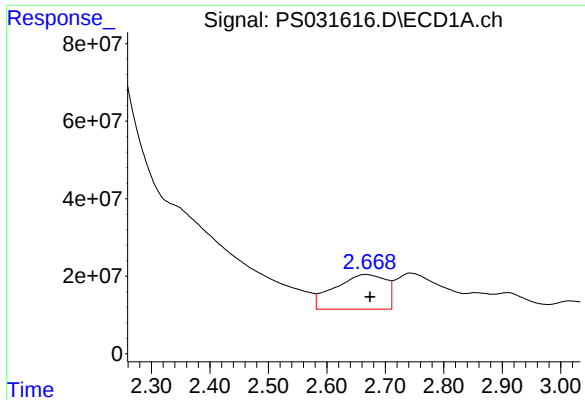
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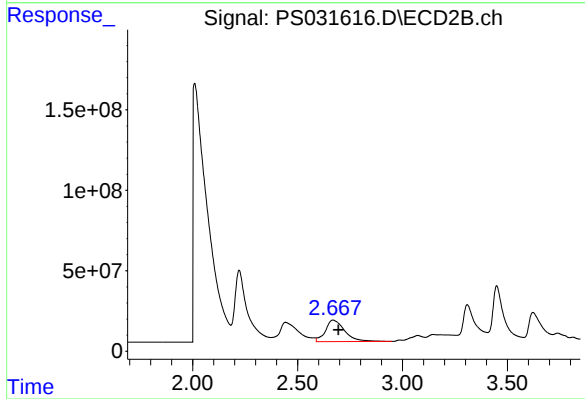
#1 Dalapon

R.T.: 2.667 min
Delta R.T.: -0.007 min
Response: 544184455
Conc: 103.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

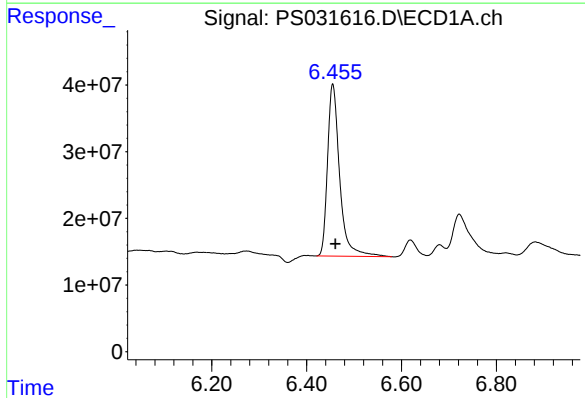
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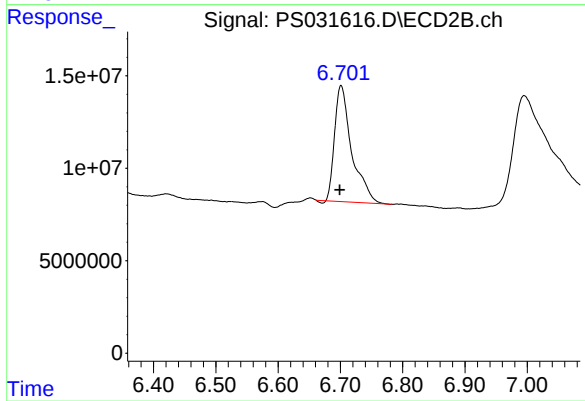
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.027 min
Response: 856195574
Conc: 321.76 ng/ml



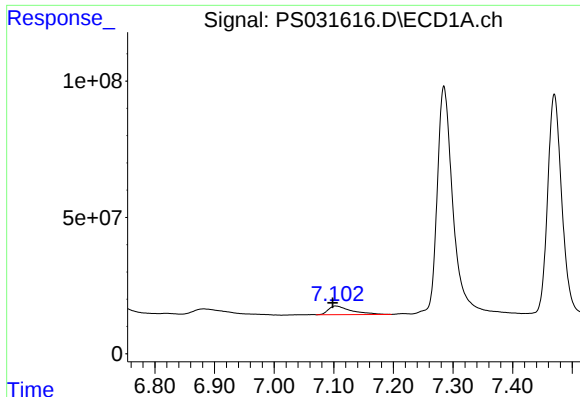
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 458575531
Conc: 97.19 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.701 min
Delta R.T.: 0.002 min
Response: 119838193
Conc: 88.64 ng/ml



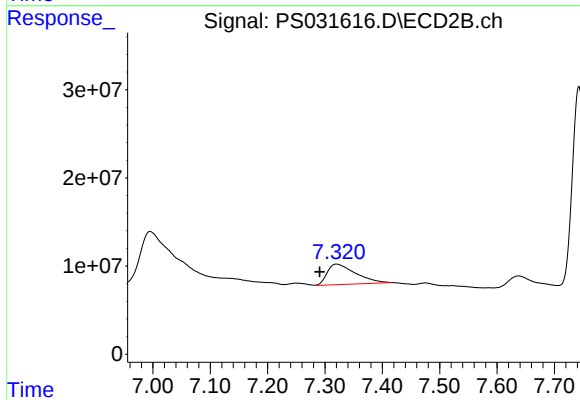
#3 4-Nitrophenol

R.T.: 7.103 min
Delta R.T.: 0.004 min
Response: 83188104
Conc: 80.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
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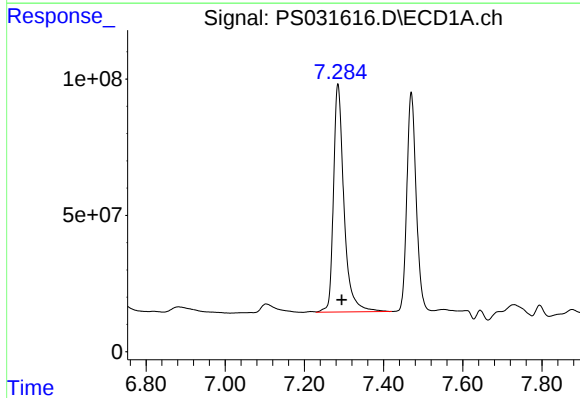
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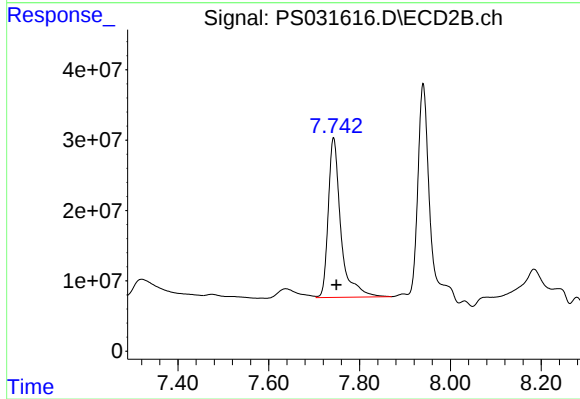
#3 4-Nitrophenol

R.T.: 7.320 min
Delta R.T.: 0.029 min
Response: 79925633
Conc: 63.59 ng/ml m



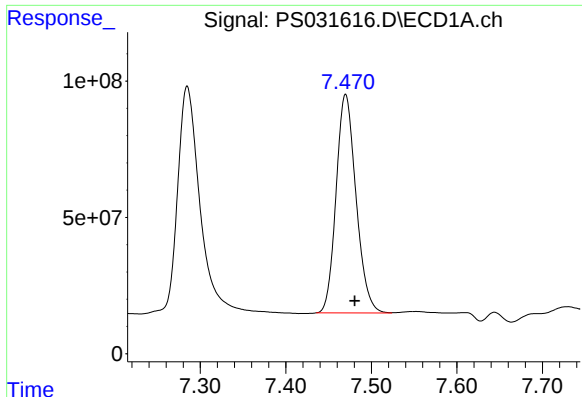
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.010 min
Response: 1538736736
Conc: 484.80 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 437275148
Conc: 517.28 ng/ml



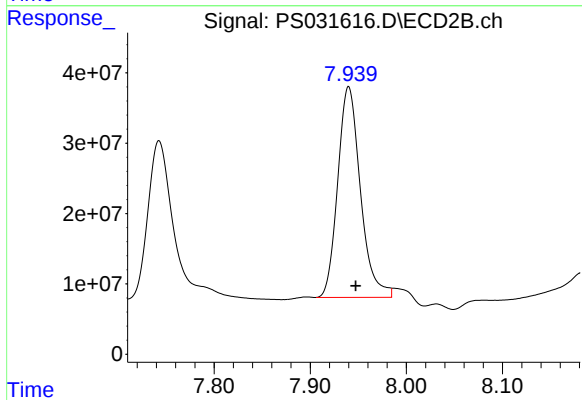
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 1296317381
Conc: 92.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

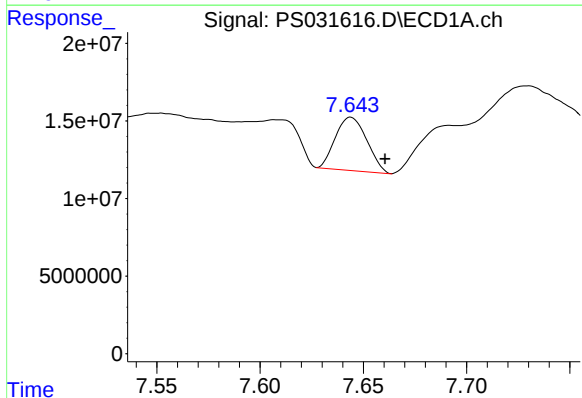
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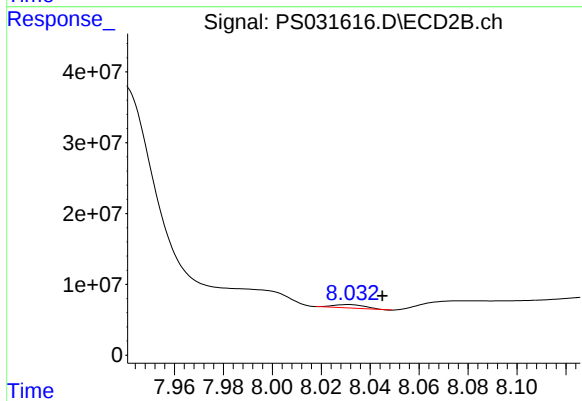
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 492416948
Conc: 86.65 ng/ml m



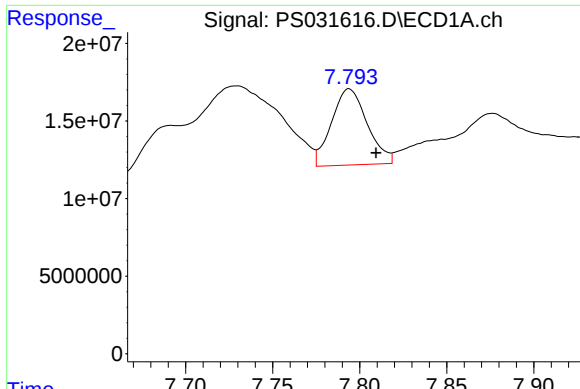
#6 MCPP

R.T.: 7.643 min
Delta R.T.: -0.017 min
Response: 36426174
Conc: 4.53 ug/ml m



#6 MCPP

R.T.: 8.031 min
Delta R.T.: -0.014 min
Response: 4378246
Conc: 2.48 ug/ml



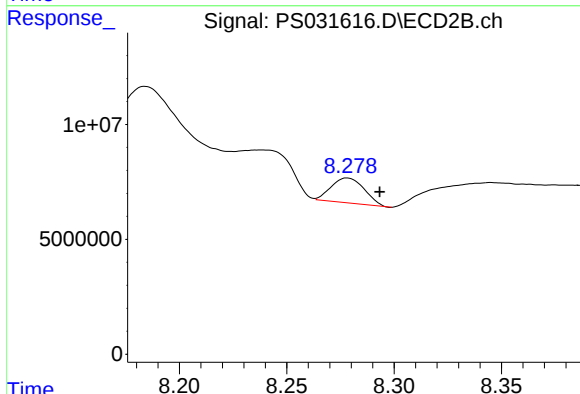
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.015 min
Response: 70279333
Conc: 7.06 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

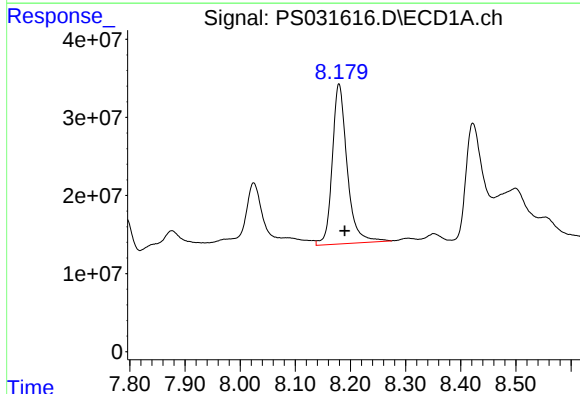
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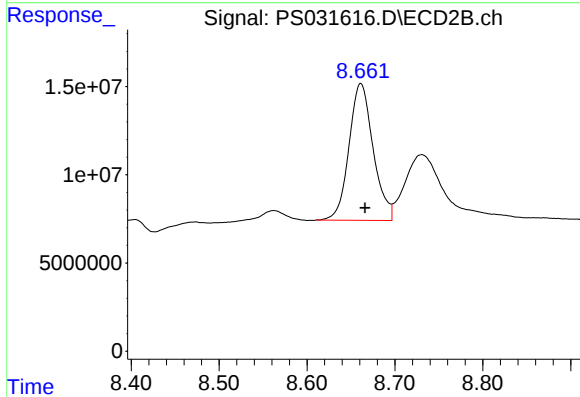
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.015 min
Response: 11594189
Conc: 4.13 ug/ml



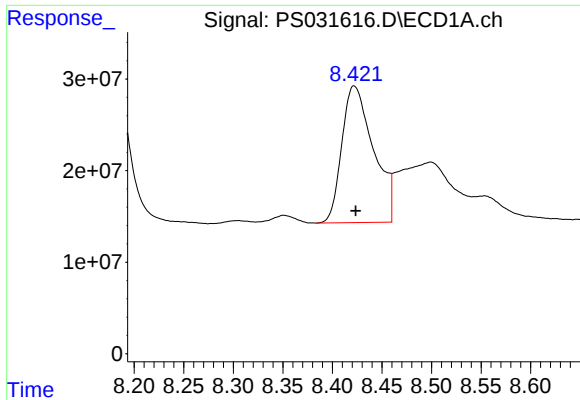
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 383554632
Conc: 120.90 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 148288423
Conc: 111.07 ng/ml m



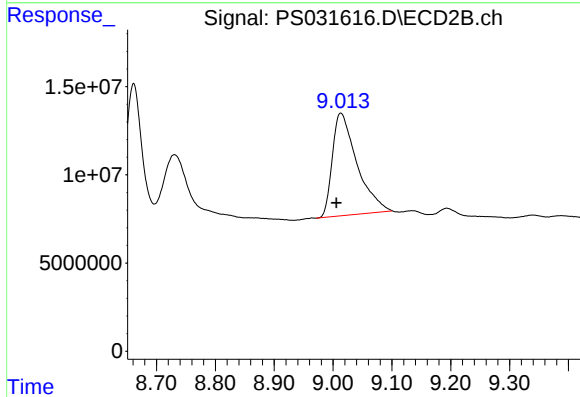
#9 2,4-D

R.T.: 8.422 min
Delta R.T.: -0.002 min
Response: 332035060
Conc: 115.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

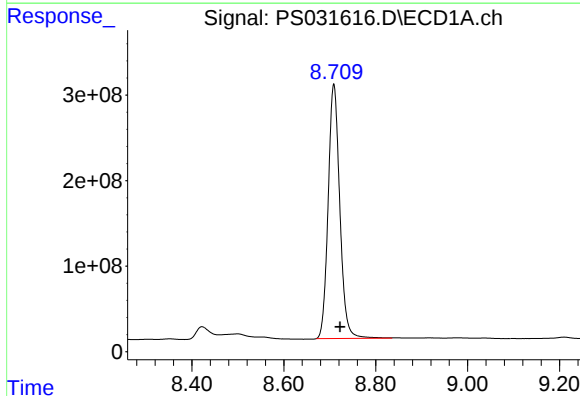
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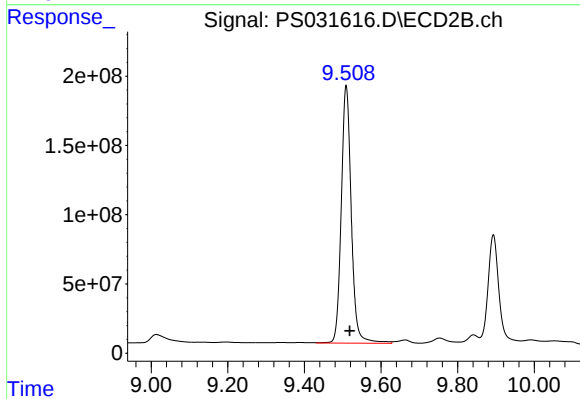
#9 2,4-D

R.T.: 9.013 min
Delta R.T.: 0.008 min
Response: 169396003
Conc: 118.68 ng/ml



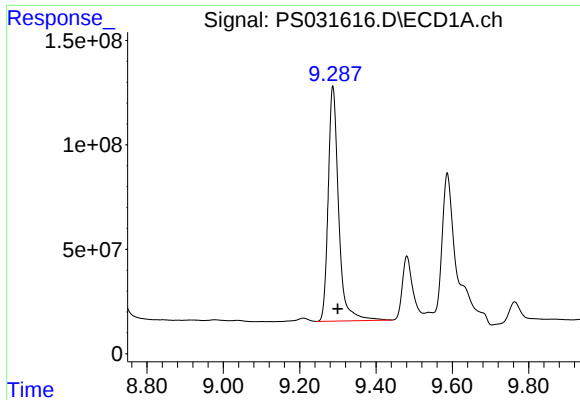
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 5229099570
Conc: 108.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.010 min
Response: 3380068084
Conc: 97.05 ng/ml



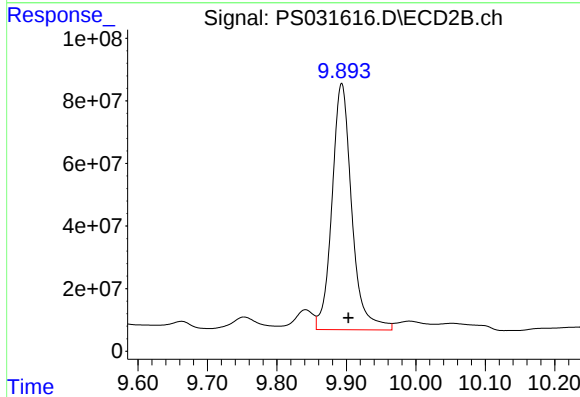
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: -0.013 min
Response: 2136203578
Conc: 119.18 ng/ml

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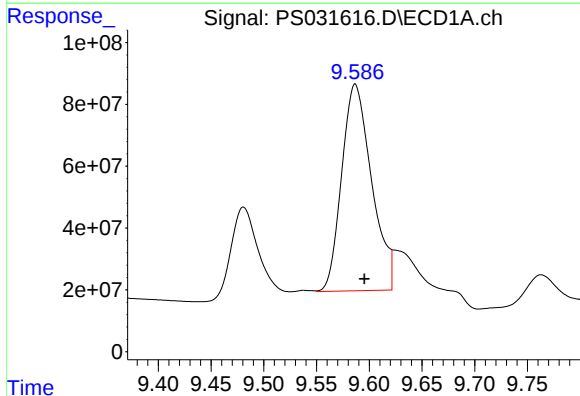
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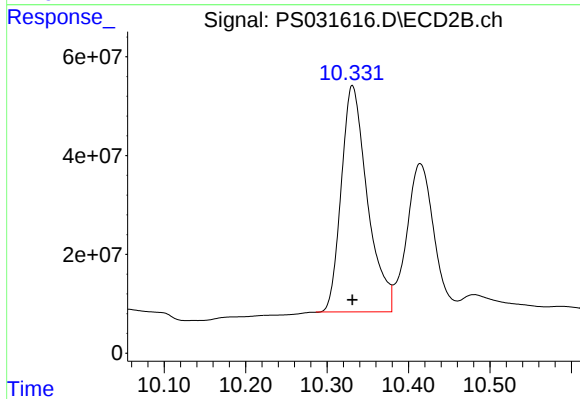
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 1559140570
Conc: 118.87 ng/ml



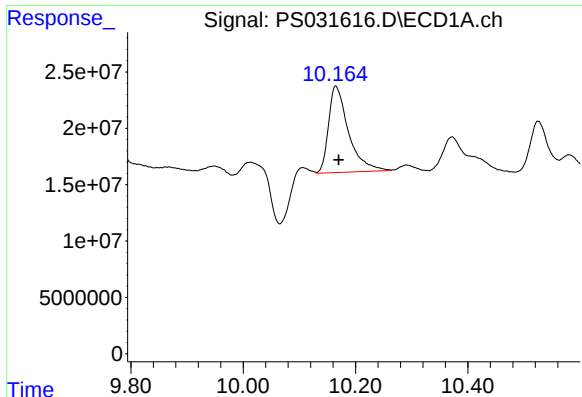
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.009 min
Response: 1316628092
Conc: 89.86 ng/ml m



#12 2,4,5-T

R.T.: 10.331 min
Delta R.T.: 0.000 min
Response: 1021815679
Conc: 86.30 ng/ml m



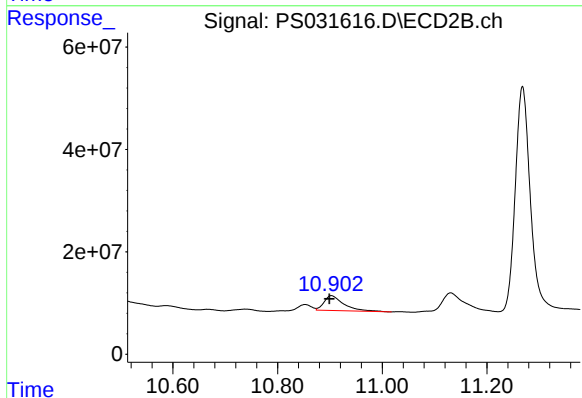
#13 2,4-DB

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 189179183
Conc: 98.44 ng/ml

Instrument :
ECD_S
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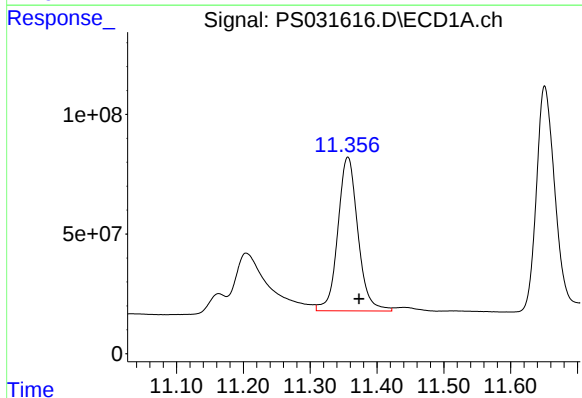
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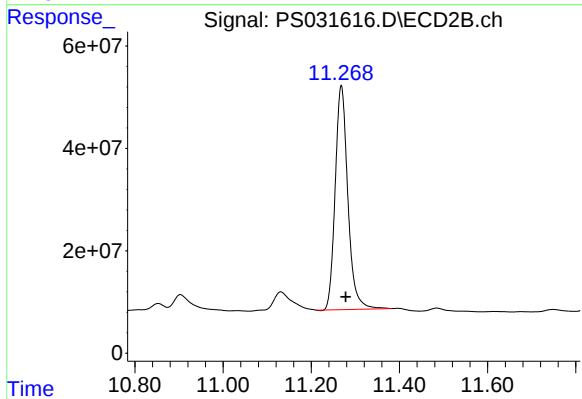
#13 2,4-DB

R.T.: 10.903 min
Delta R.T.: 0.004 min
Response: 75714661
Conc: 78.47 ng/ml



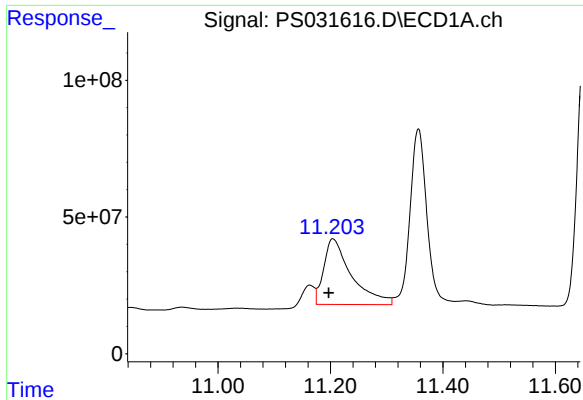
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.017 min
Response: 1343726971
Conc: 105.98 ng/ml



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.010 min
Response: 870842386
Conc: 92.08 ng/ml



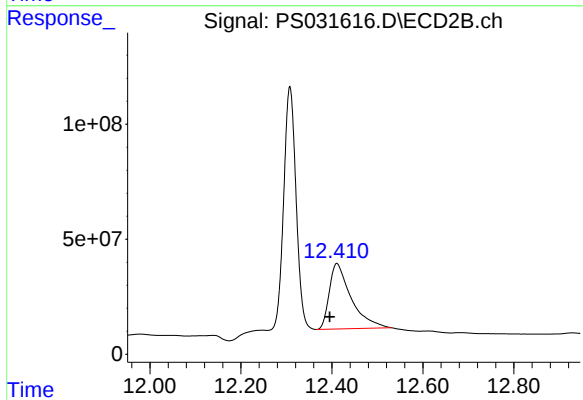
#15 Picloram

R.T.: 11.204 min
Delta R.T.: 0.007 min
Response: 822645974
Conc: 63.02 ng/ml

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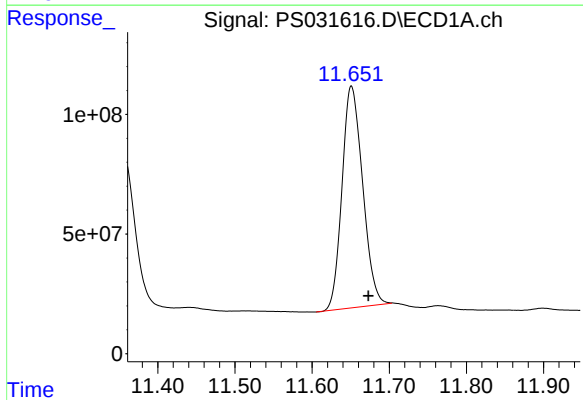
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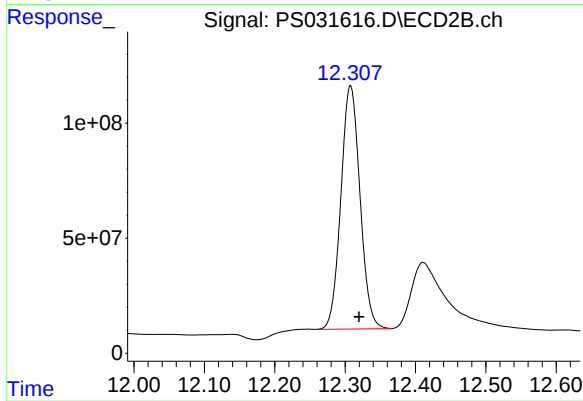
#15 Picloram

R.T.: 12.411 min
Delta R.T.: 0.016 min
Response: 946374918
Conc: 53.99 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.022 min
Response: 1717453866
Conc: 75.40 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 1999144270
Conc: 101.48 ng/ml m