

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020425\
 Data File : PS029067.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 16:59
 Operator : AR\AJ
 Sample : Q1168-08
 Misc : LOQ/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 03:54:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Feb 04 17:44:08 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	7.190	7.666	1369.3E6	486.8E6	505.277m	439.867
Target Compounds							
1) T	Dalapon	2.611	2.664	478.2E6	386.0E6	160.098m	189.898m
2) T	3,5-DICHL...	6.368	6.635	734.9E6	258.2E6	188.251	157.546
3) T	4-Nitroph...	6.990	7.198	266.3E6	132.7E6	152.300	150.514
5) T	DICAMBA	7.375	7.863	2024.0E6	839.8E6	173.620	150.525
6) T	MCP	7.551	7.963	98754350	37593966	14.172m	12.410
7) T	MCPA	7.700	8.203	154.7E6	56033738	15.638	13.183
8) T	DICHLORPROP	8.078	8.574	586.7E6	232.5E6	189.936	166.613
9) T	2,4-D	8.309	8.901	675.9E6	263.0E6	205.006	177.027
10) T	Pentachlo...	8.602	9.421	9208.2E6	3977.0E6	202.782	174.398
11) T	2,4,5-TP ...	9.178	9.798	3680.1E6	1705.2E6	197.351	182.599
12) T	2,4,5-T	9.470	10.215	3388.7E6	1487.7E6	181.016	166.580
13) T	2,4-DB	10.042	10.780	483.7E6	160.8E6	138.529m	161.699
14) T	DINOSEB	11.240	11.156	2587.9E6	886.4E6	160.569	139.591
15) T	Picloram	11.055	12.239	4404.3E6	1525.5E6	142.124	113.339
16) T	DCPA	11.531	12.193	3303.8E6	1853.5E6	118.454	164.483m#

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

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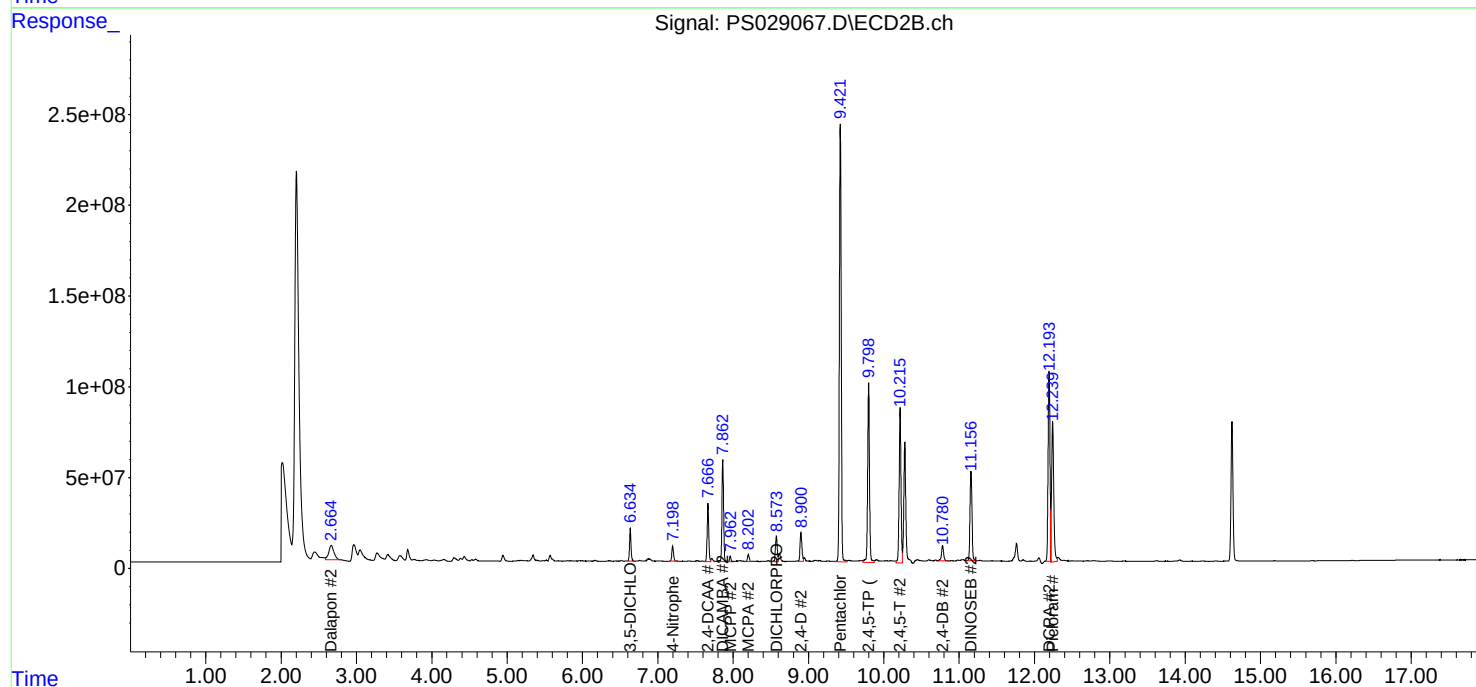
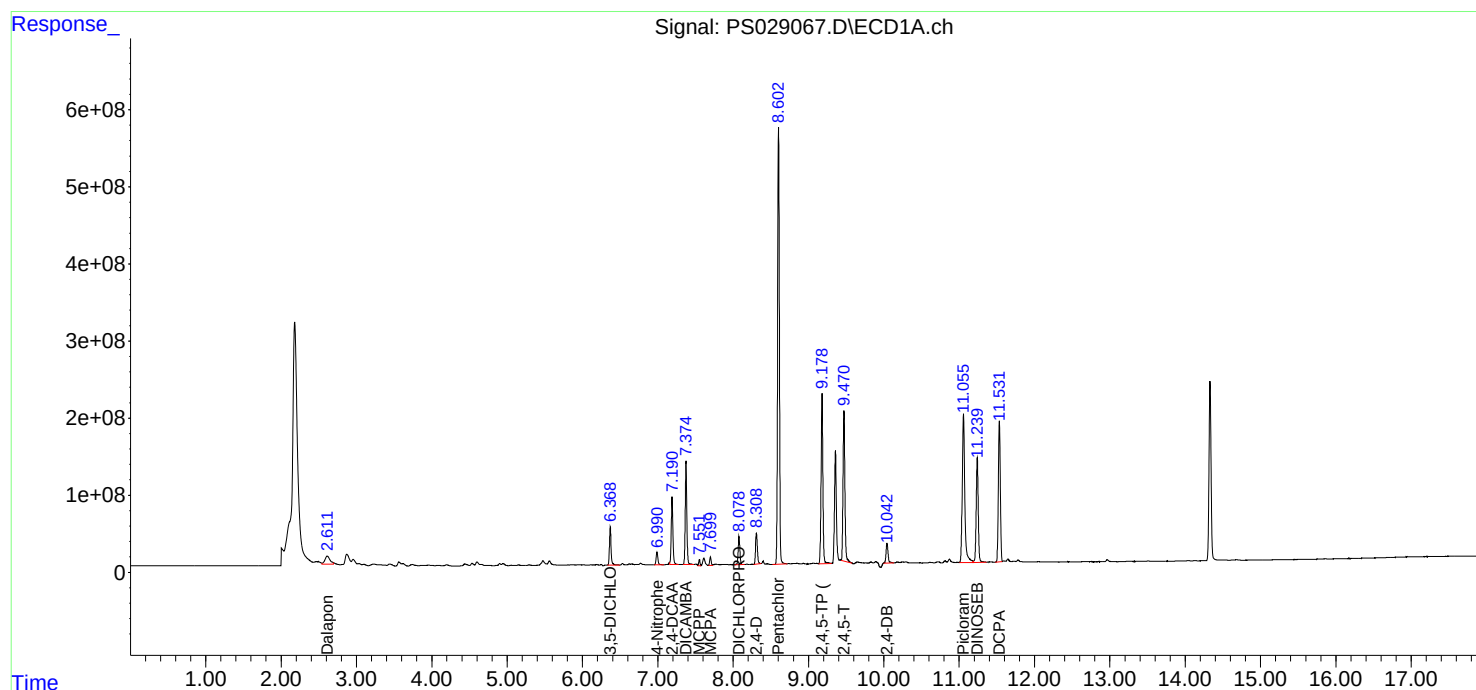
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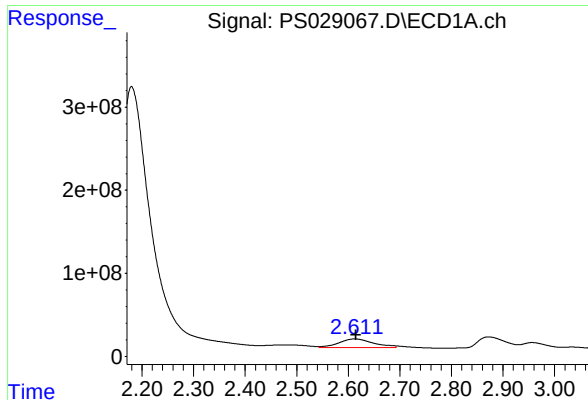
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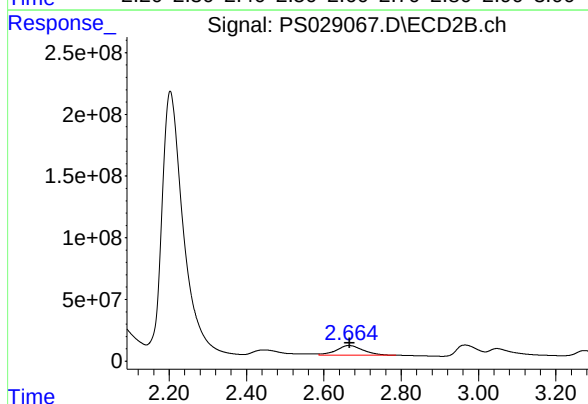
#1 Dalapon

R.T.: 2.611 min
Delta R.T.: -0.004 min
Response: 478181475
Conc: 160.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
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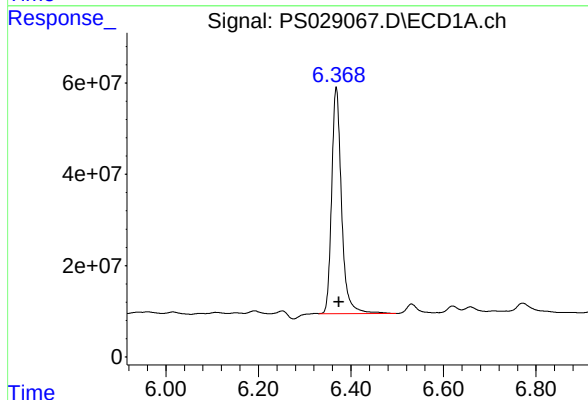
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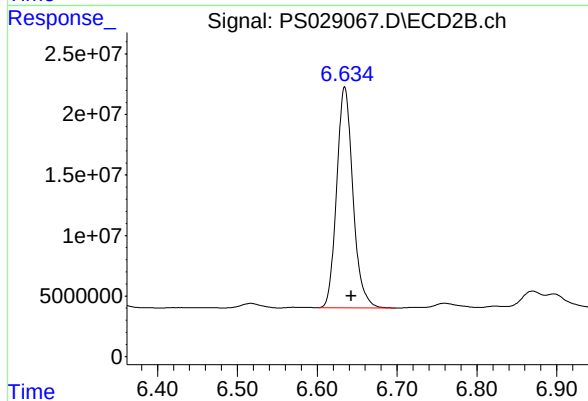
#1 Dalapon

R.T.: 2.664 min
Delta R.T.: -0.003 min
Response: 385960293
Conc: 189.90 ng/ml



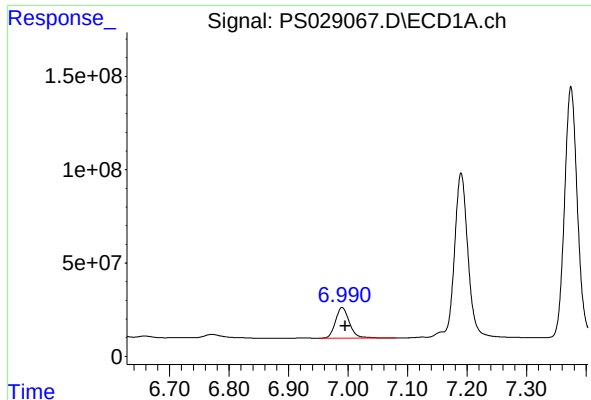
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.368 min
Delta R.T.: -0.006 min
Response: 734918081
Conc: 188.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 258159833
Conc: 157.55 ng/ml



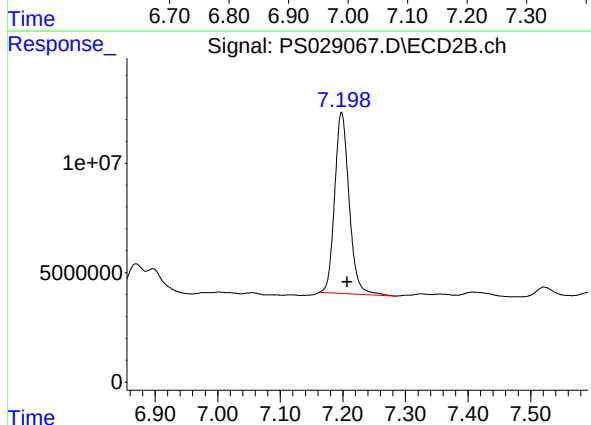
#3 4-Nitrophenol

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 266286172
Conc: 152.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
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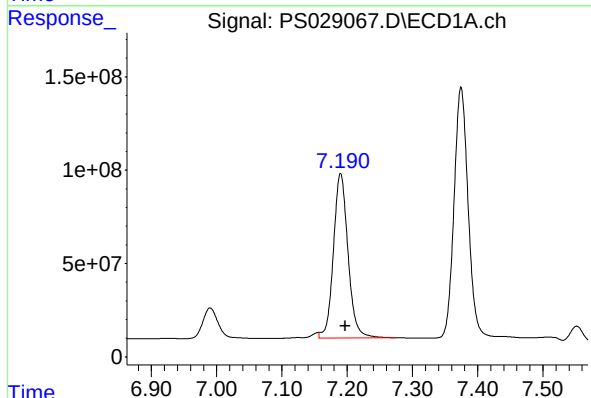
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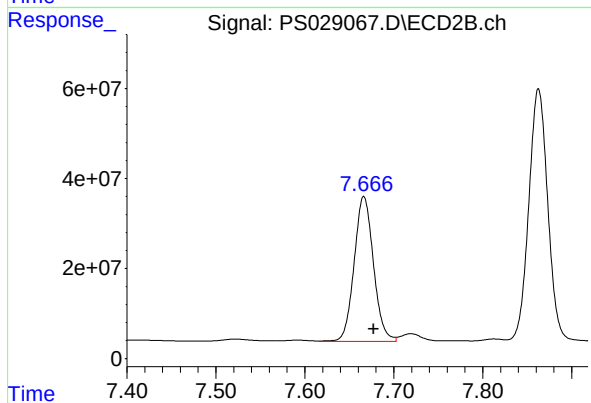
#3 4-Nitrophenol

R.T.: 7.198 min
Delta R.T.: -0.009 min
Response: 132697727
Conc: 150.51 ng/ml



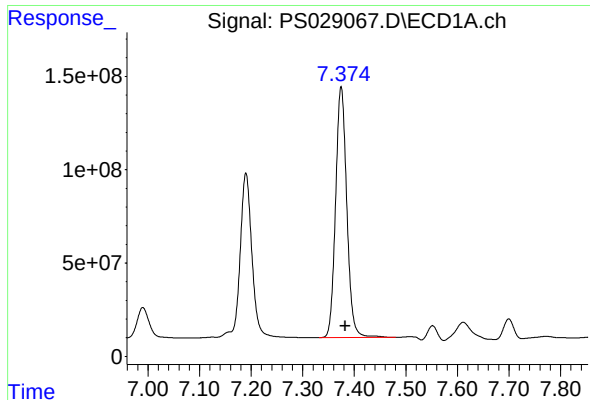
#4 2,4-DCAA

R.T.: 7.190 min
Delta R.T.: -0.007 min
Response: 1369281279
Conc: 505.28 ng/ml m



#4 2,4-DCAA

R.T.: 7.666 min
Delta R.T.: -0.011 min
Response: 486786541
Conc: 439.87 ng/ml



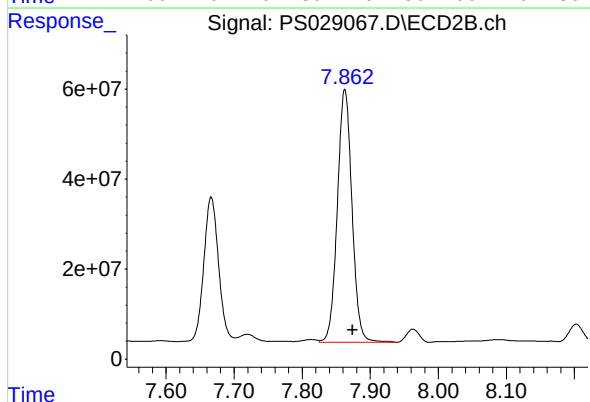
#5 DICAMBA

R.T.: 7.375 min
Delta R.T.: -0.008 min
Response: 2024011389
Conc: 173.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT1-2025

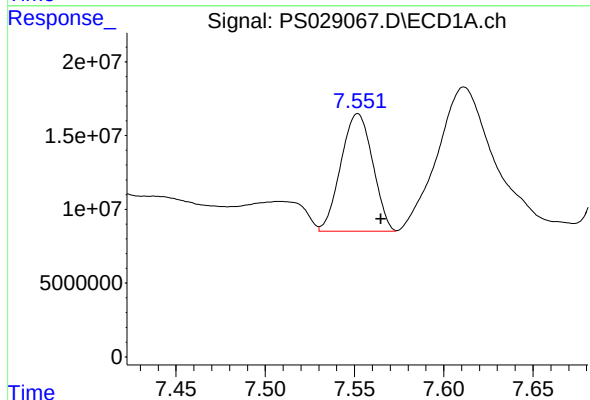
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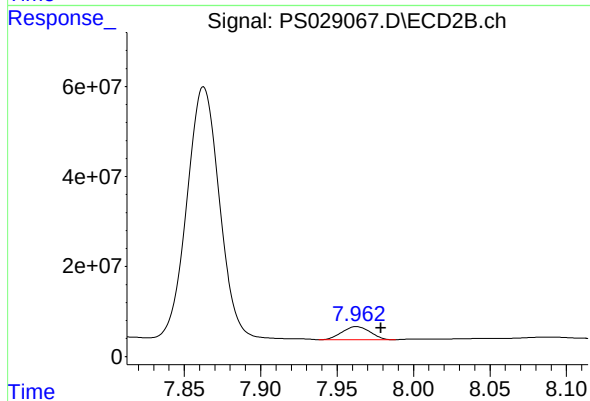
#5 DICAMBA

R.T.: 7.863 min
Delta R.T.: -0.011 min
Response: 839804387
Conc: 150.53 ng/ml



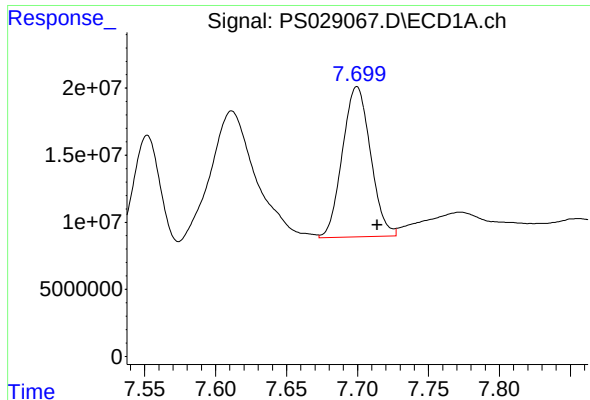
#6 MCP

R.T.: 7.551 min
Delta R.T.: -0.013 min
Response: 98754350
Conc: 14.17 ug/ml m



#6 MCP

R.T.: 7.963 min
Delta R.T.: -0.016 min
Response: 37593966
Conc: 12.41 ug/ml



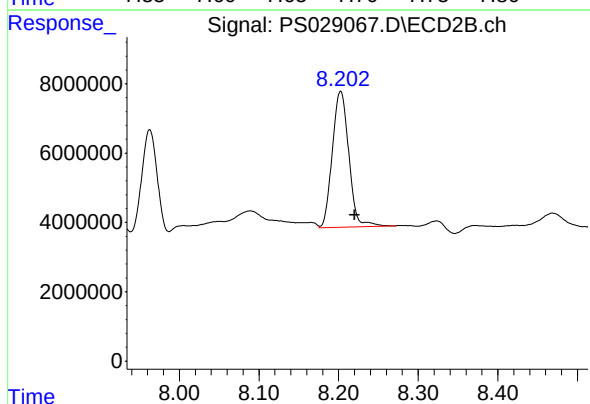
#7 MCPA

R.T.: 7.700 min
Delta R.T.: -0.014 min
Response: 154708254
Conc: 15.64 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT1-2025

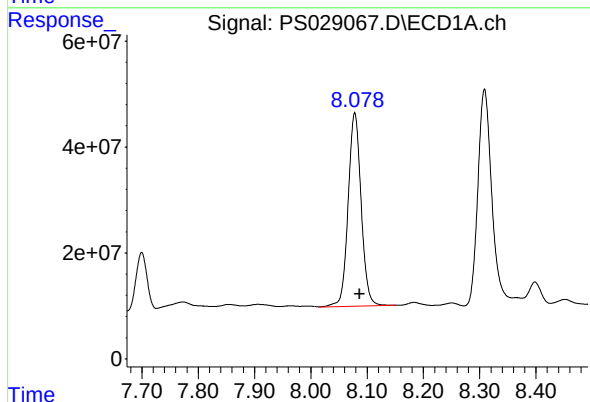
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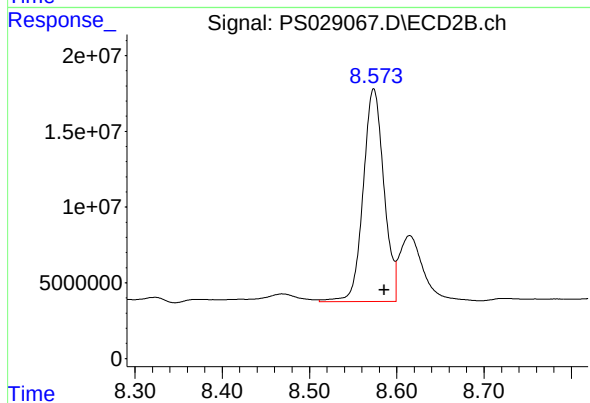
#7 MCPA

R.T.: 8.203 min
Delta R.T.: -0.018 min
Response: 56033738
Conc: 13.18 ug/ml



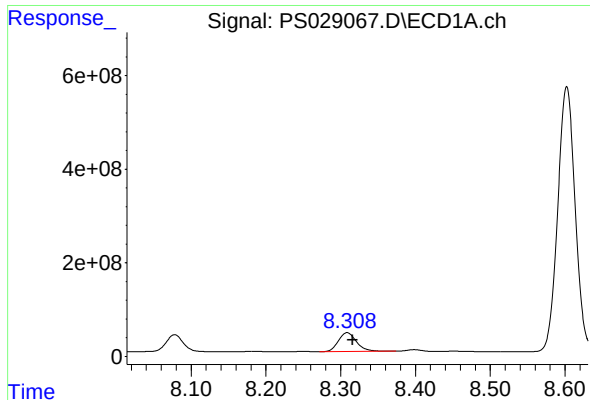
#8 DICHLORPROP

R.T.: 8.078 min
Delta R.T.: -0.009 min
Response: 586732525
Conc: 189.94 ng/ml



#8 DICHLORPROP

R.T.: 8.574 min
Delta R.T.: -0.012 min
Response: 232519461
Conc: 166.61 ng/ml



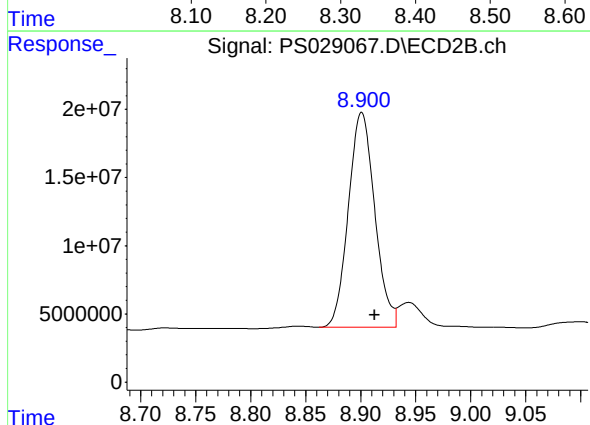
#9 2,4-D

R.T.: 8.309 min
Delta R.T.: -0.007 min
Response: 675917914
Conc: 205.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT1-2025

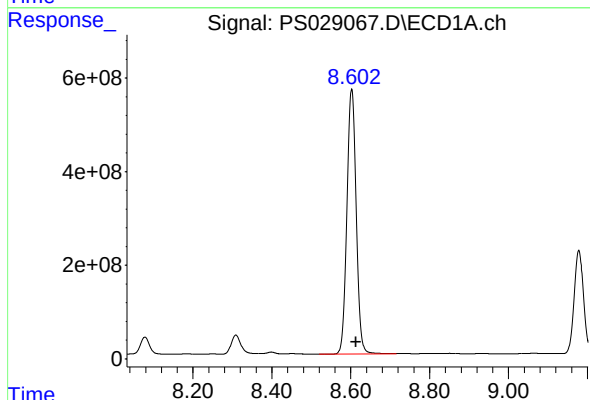
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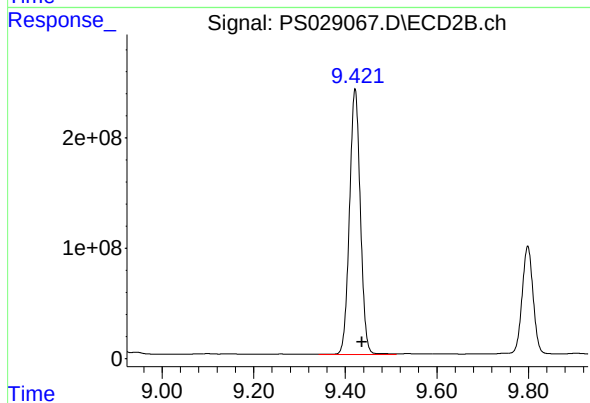
#9 2,4-D

R.T.: 8.901 min
Delta R.T.: -0.012 min
Response: 262966740
Conc: 177.03 ng/ml



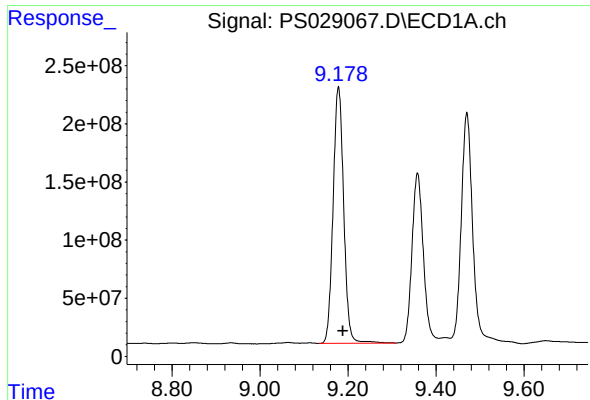
#10 Pentachlorophenol

R.T.: 8.602 min
Delta R.T.: -0.011 min
Response: 9208223255
Conc: 202.78 ng/ml



#10 Pentachlorophenol

R.T.: 9.421 min
Delta R.T.: -0.015 min
Response: 3976979585
Conc: 174.40 ng/ml



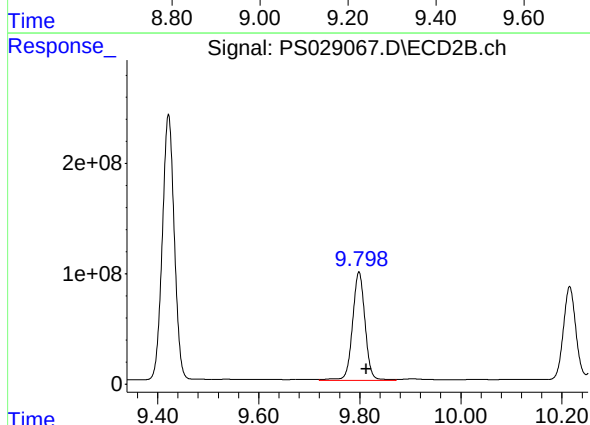
#11 2,4,5-TP (SILVEX)

R.T.: 9.178 min
Delta R.T.: -0.010 min
Response: 3680114667
Conc: 197.35 ng/ml

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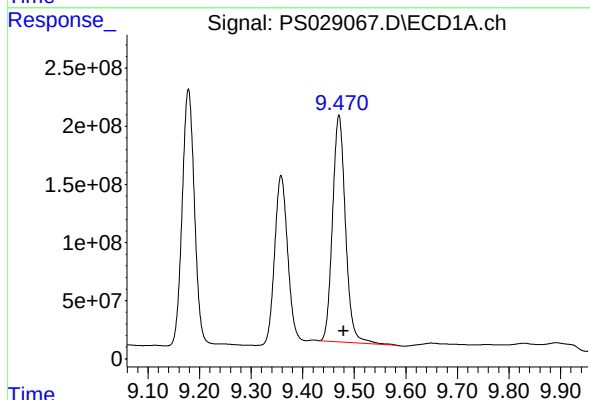
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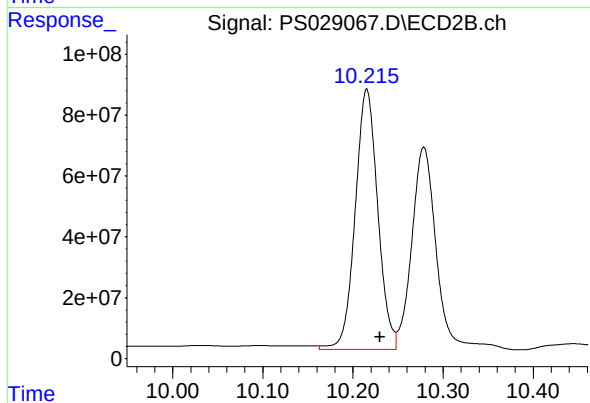
#11 2,4,5-TP (SILVEX)

R.T.: 9.798 min
Delta R.T.: -0.015 min
Response: 1705232743
Conc: 182.60 ng/ml



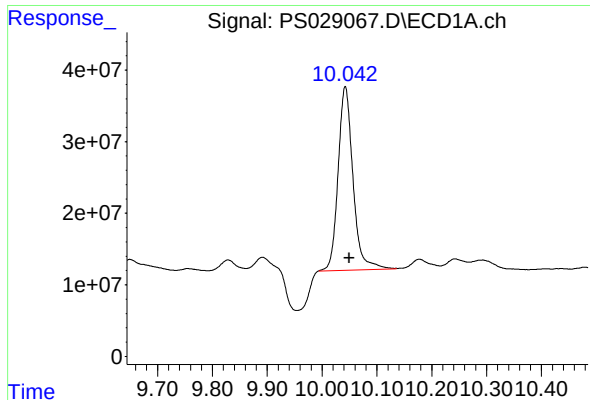
#12 2,4,5-T

R.T.: 9.470 min
Delta R.T.: -0.009 min
Response: 3388705394
Conc: 181.02 ng/ml



#12 2,4,5-T

R.T.: 10.215 min
Delta R.T.: -0.014 min
Response: 1487678511
Conc: 166.58 ng/ml



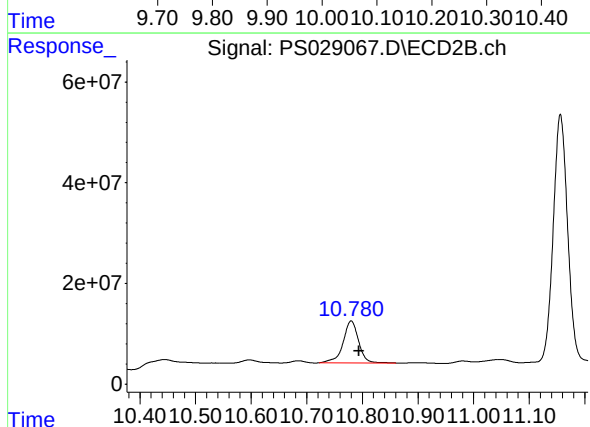
#13 2,4-DB

R.T.: 10.042 min
Delta R.T.: -0.008 min
Response: 483729565
Conc: 138.53 ng/ml

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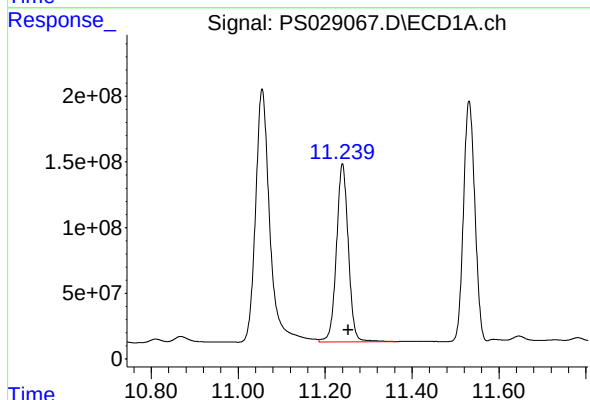
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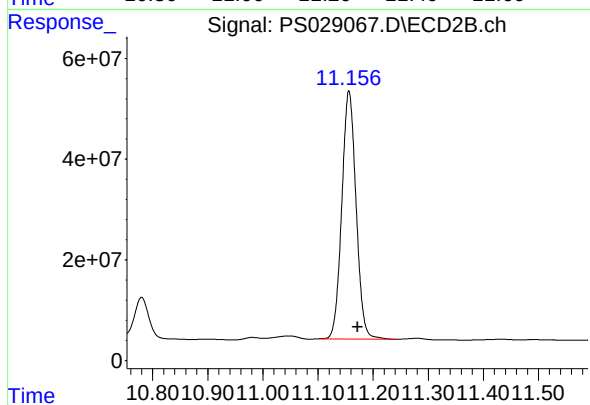
#13 2,4-DB

R.T.: 10.780 min
Delta R.T.: -0.014 min
Response: 160819600
Conc: 161.70 ng/ml



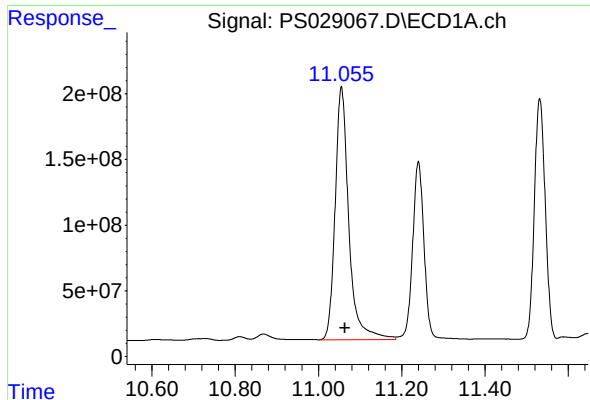
#14 DINOSEB

R.T.: 11.240 min
Delta R.T.: -0.013 min
Response: 2587930032
Conc: 160.57 ng/ml



#14 DINOSEB

R.T.: 11.156 min
Delta R.T.: -0.016 min
Response: 886356172
Conc: 139.59 ng/ml



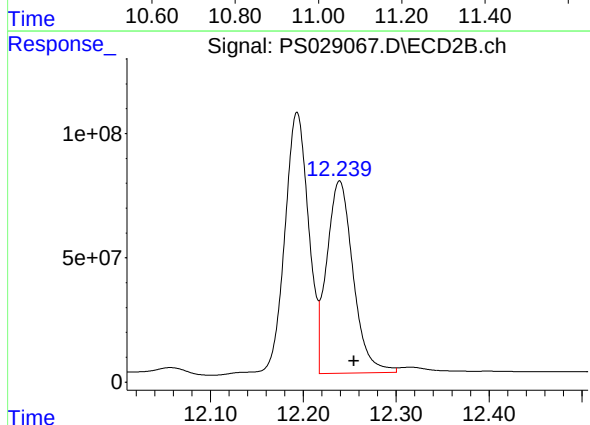
#15 Picloram

R.T.: 11.055 min
Delta R.T.: -0.008 min
Response: 4404309431
Conc: 142.12 ng/ml

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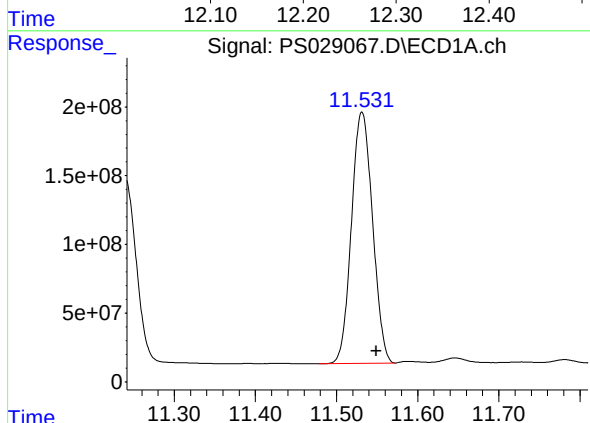
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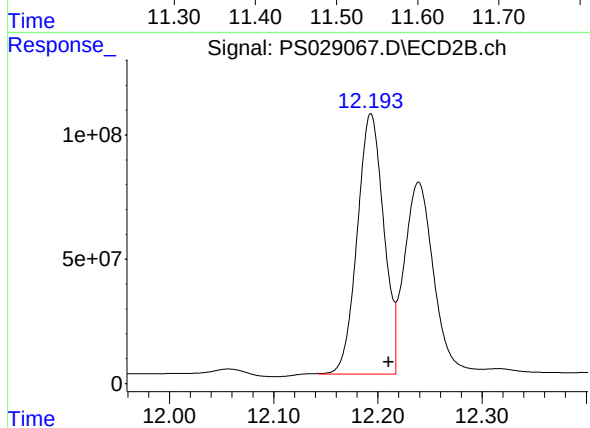
#15 Picloram

R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 1525487043
Conc: 113.34 ng/ml



#16 DCPA

R.T.: 11.531 min
Delta R.T.: -0.018 min
Response: 3303820626
Conc: 118.45 ng/ml



#16 DCPA

R.T.: 12.193 min
Delta R.T.: -0.017 min
Response: 1853529791
Conc: 164.48 ng/ml m