

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090425\
 Data File : PS031631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 14:23
 Operator : AR\AJ
 Sample : Q2893-07
 Misc : LOD WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 04:08:07 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	7.286	7.743	1695.1E6	482.3E6	534.065	570.527
Target Compounds							
1) T	Dalapon	2.669	2.668f	313.9E6	1120.6E6	59.796m	421.129m#
2) T	3,5-DICHL...	6.455	6.700	732.7E6	181.0E6	155.289	133.888m
3) T	4-Nitroph...	7.104	7.317f	140.0E6	117.3E6	135.670	93.322 #
5) T	DICAMBA	7.470	7.940	2070.1E6	796.2E6	148.222	140.102m
6) T	MCPD	7.645	8.032	65433451	11642383	8.134	6.586
7) T	MCPA	7.794	8.279	119.9E6	25176702	12.032	8.974 #
8) T	DICHLORPROP	8.179	8.661	578.5E6	216.9E6	182.341	162.485m
9) T	2,4-D	8.421	9.012	547.4E6	261.2E6	190.295	183.018
10) T	Pentachlo...	8.709	9.509	8367.6E6	5510.6E6	174.281	158.221
11) T	2,4,5-TP ...	9.288	9.893	3294.1E6	2456.3E6	183.784	187.273
12) T	2,4,5-T	9.586	10.329	2047.0E6	1631.3E6	139.715m	137.779m
13) T	2,4-DB	10.164	10.901	266.5E6	113.3E6	138.661m	117.419m
14) T	DINOSEB	11.356	11.268	1886.8E6	1322.3E6	148.815m	139.820
15) T	Picloram	11.205	12.409	1105.2E6	1500.8E6	84.666	85.617m
16) T	DCPA	11.652	12.308	2958.2E6	3169.3E6	129.864m	160.877m

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

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Operator : AR\AJ
Sample : Q2893-07
Misc : LOD WATER
ALS Vial : 11 Sample Multiplier: 1

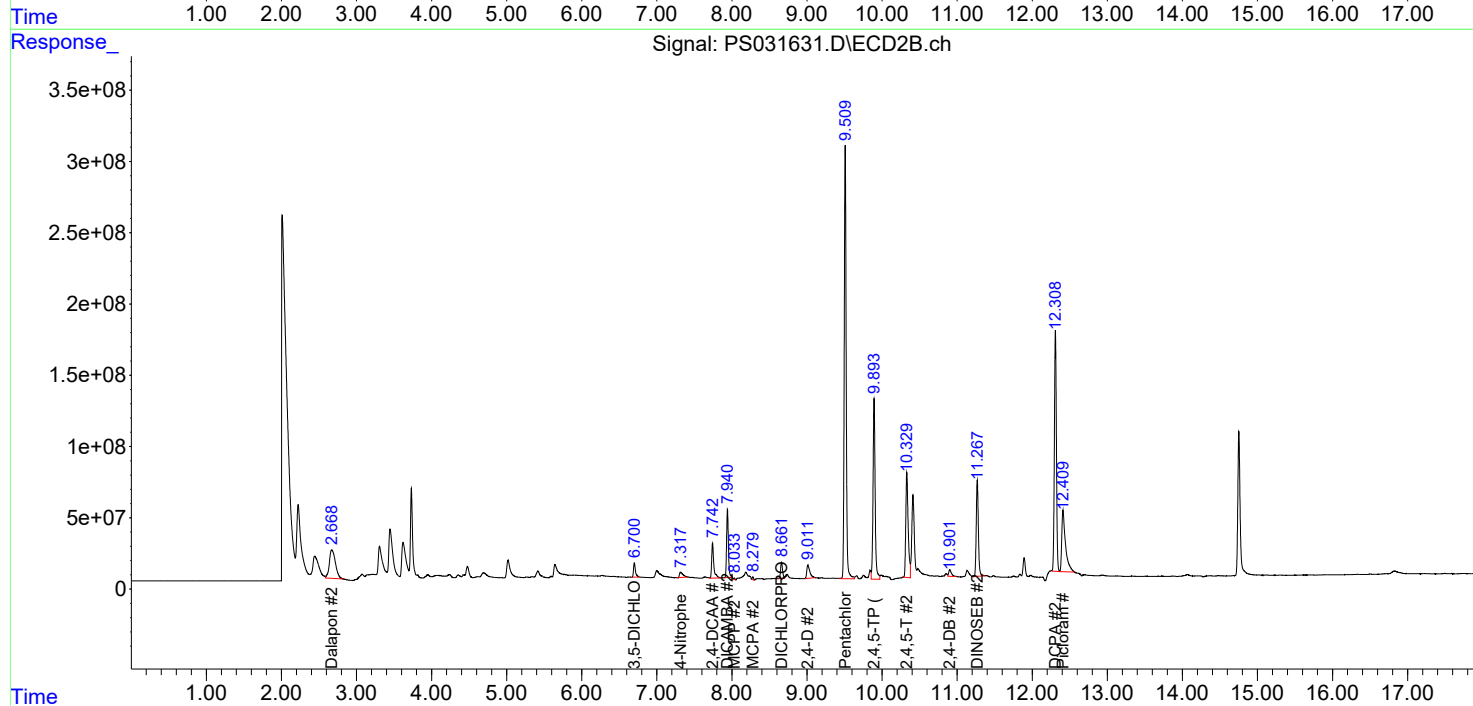
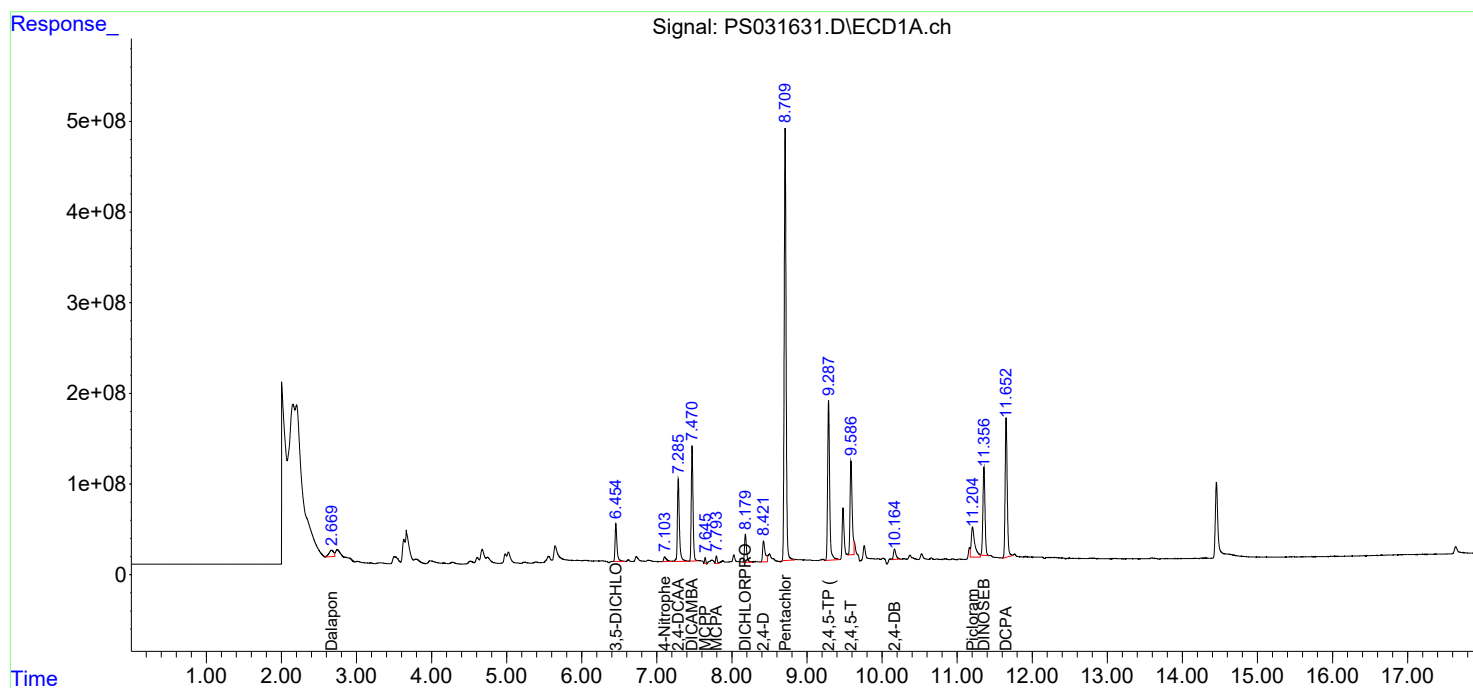
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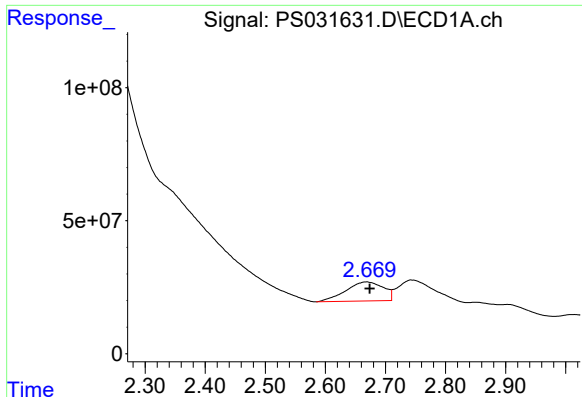
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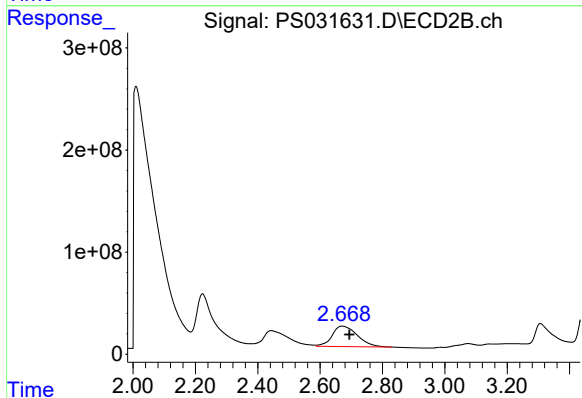
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: -0.005 min
Response: 313866015
Conc: 59.80 ng/ml

Instrument :
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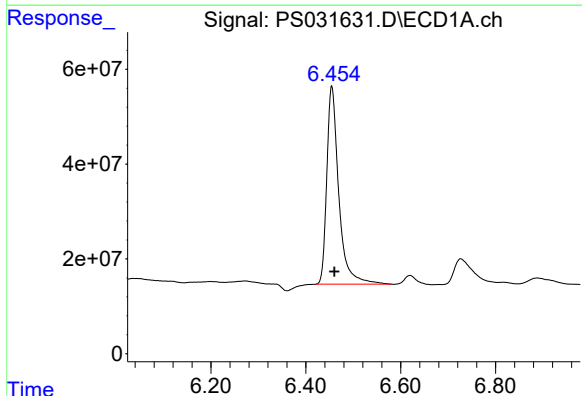
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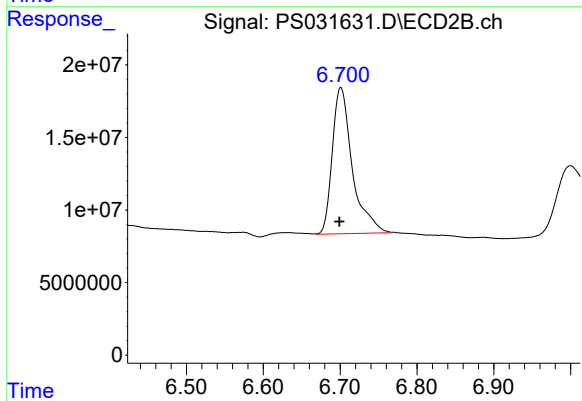
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.027 min
Response: 1120629172
Conc: 421.13 ng/ml m



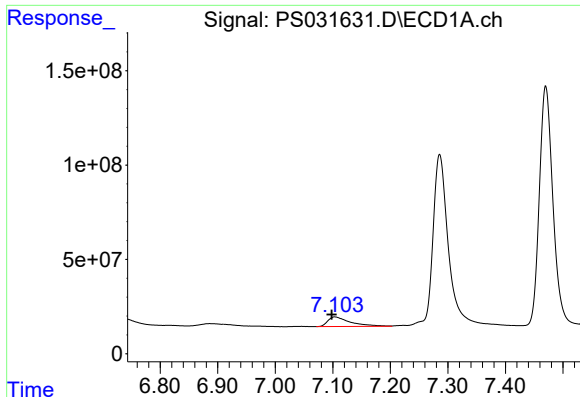
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: -0.006 min
Response: 732702671
Conc: 155.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 181007096
Conc: 133.89 ng/ml m



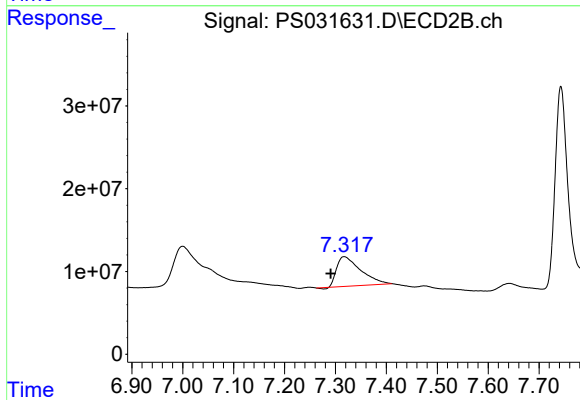
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: 0.005 min
Response: 139968140
Conc: 135.67 ng/ml

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

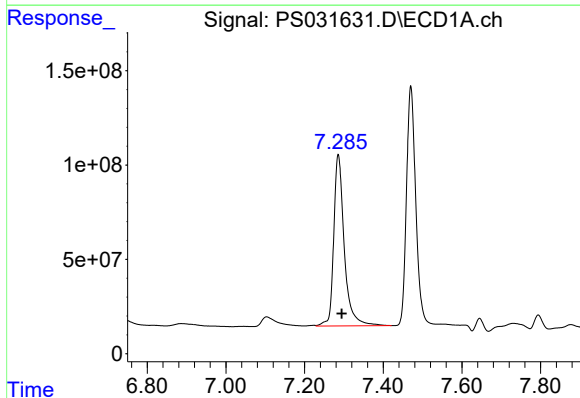
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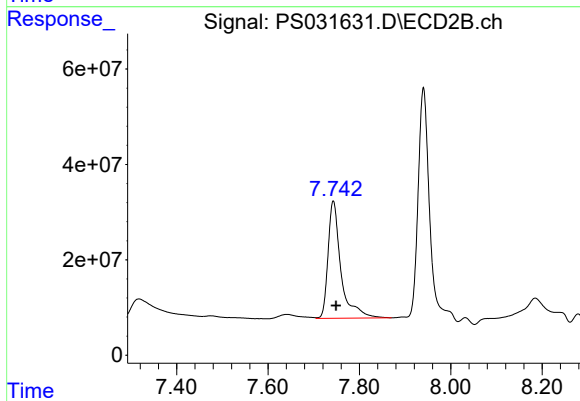
#3 4-Nitrophenol

R.T.: 7.317 min
Delta R.T.: 0.027 min
Response: 117295669
Conc: 93.32 ng/ml



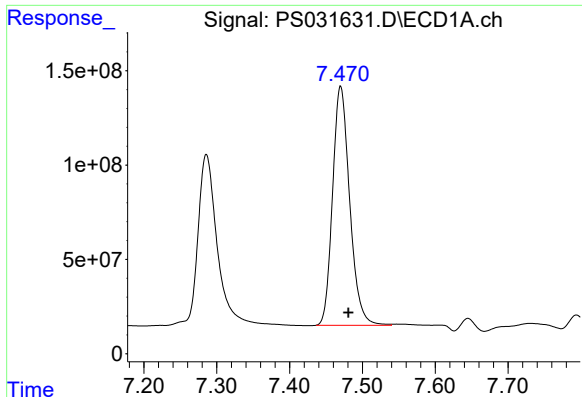
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 1695114427
Conc: 534.06 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 482288981
Conc: 570.53 ng/ml



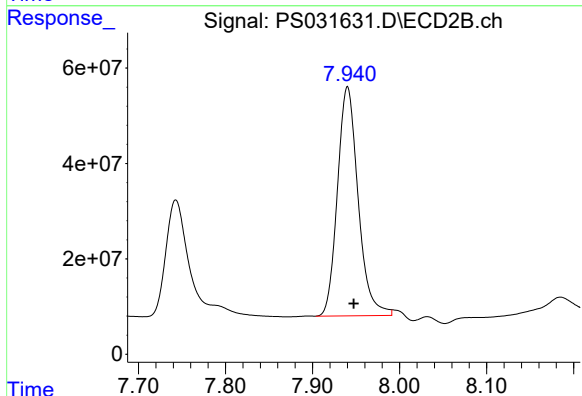
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 2070134257
Conc: 148.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
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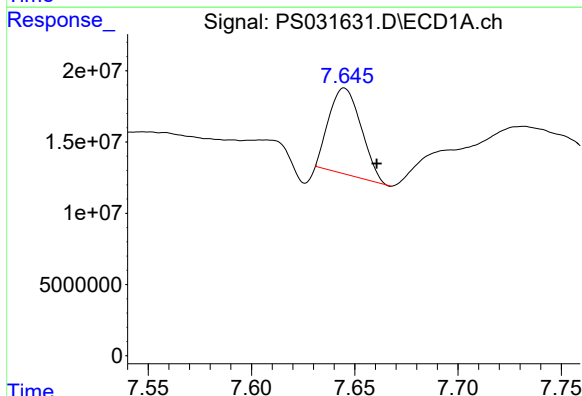
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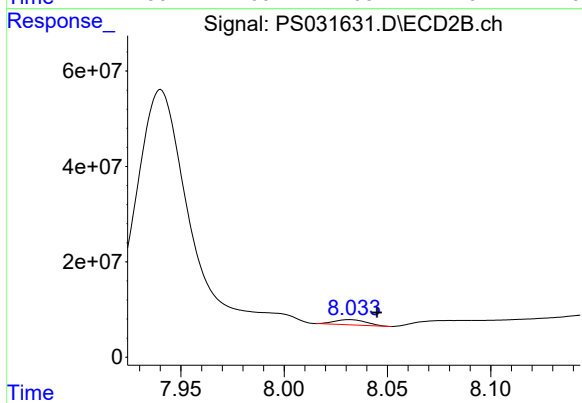
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: -0.008 min
Response: 796154632
Conc: 140.10 ng/ml m



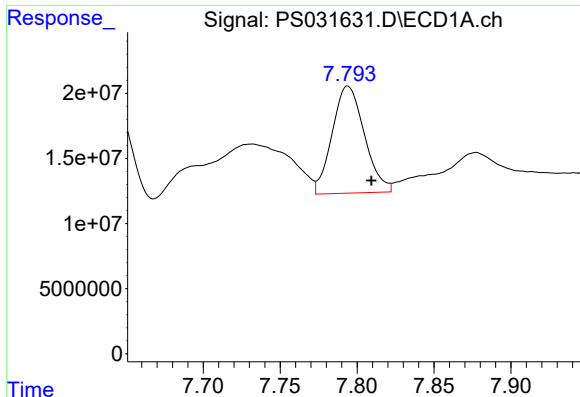
#6 MCP

R.T.: 7.645 min
Delta R.T.: -0.016 min
Response: 65433451
Conc: 8.13 ug/ml



#6 MCP

R.T.: 8.032 min
Delta R.T.: -0.013 min
Response: 11642383
Conc: 6.59 ug/ml



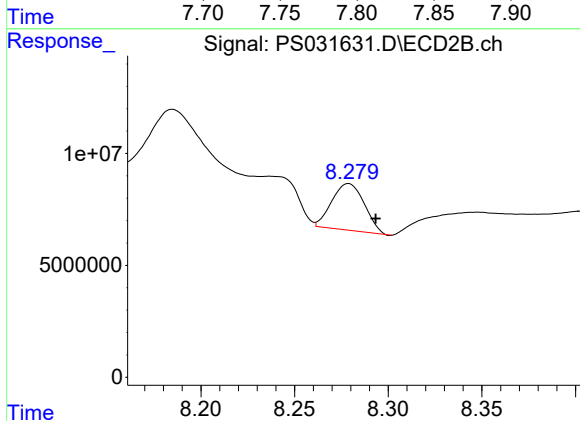
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.015 min
Response: 119856213
Conc: 12.03 ug/ml

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

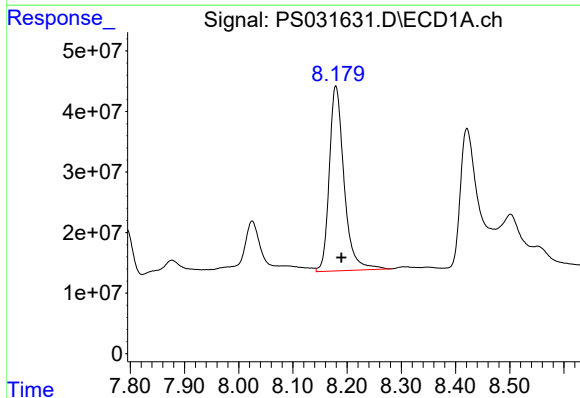
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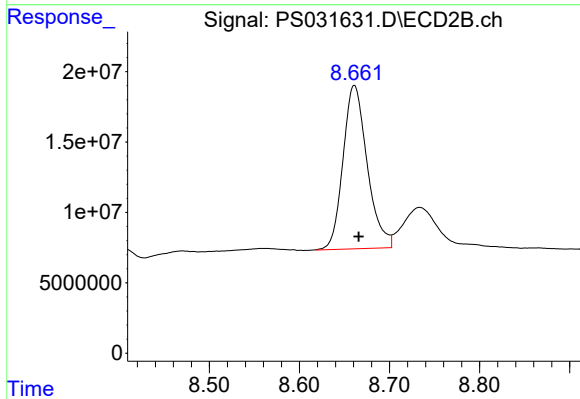
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.015 min
Response: 25176702
Conc: 8.97 ug/ml



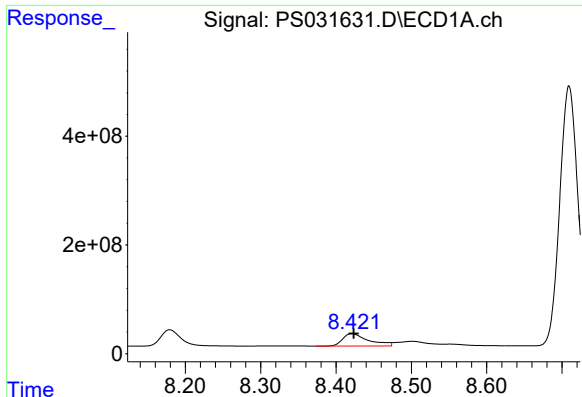
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 578463724
Conc: 182.34 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 216922335
Conc: 162.48 ng/ml m



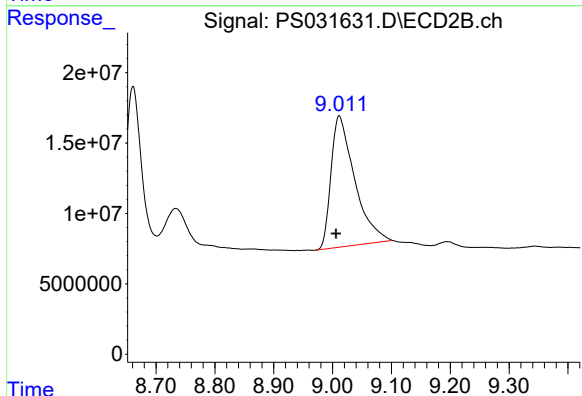
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: -0.003 min
Response: 547444725
Conc: 190.30 ng/ml

Instrument :
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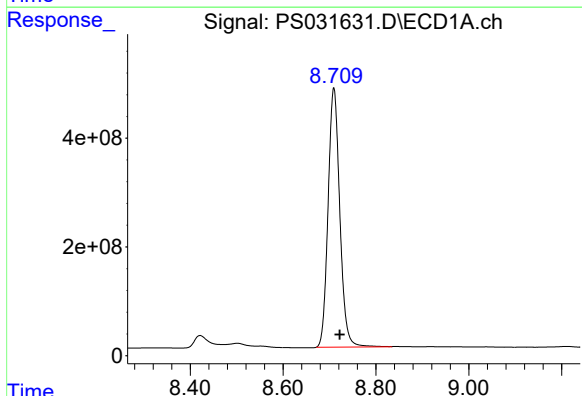
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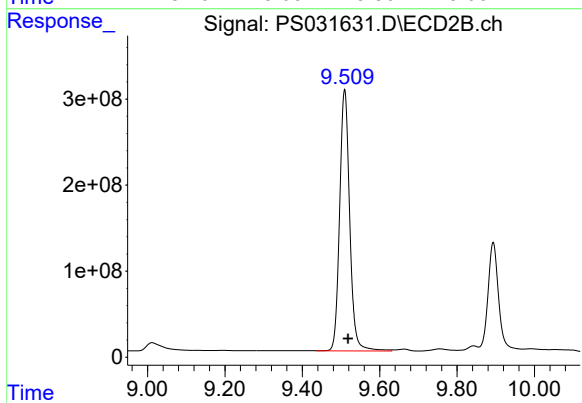
#9 2,4-D

R.T.: 9.012 min
Delta R.T.: 0.006 min
Response: 261219552
Conc: 183.02 ng/ml



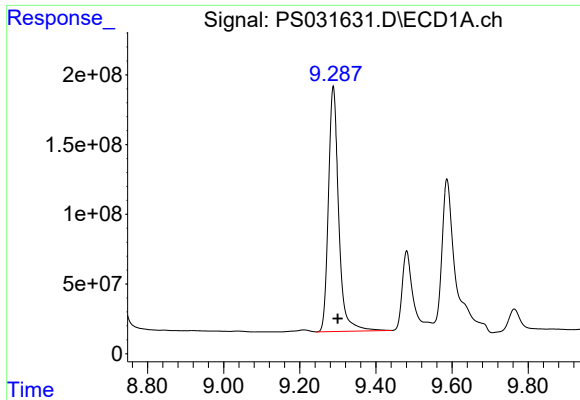
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 8367644300
Conc: 174.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.009 min
Response: 5510596086
Conc: 158.22 ng/ml



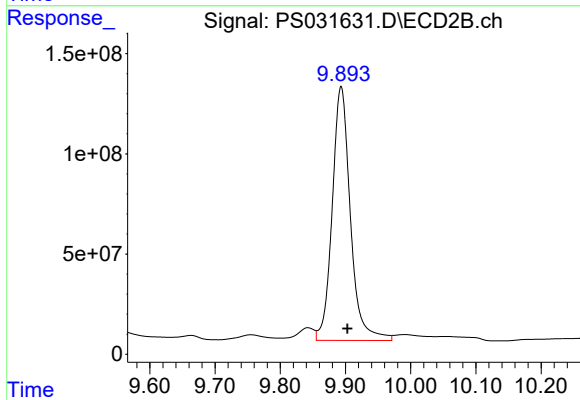
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 3294091901
Conc: 183.78 ng/ml

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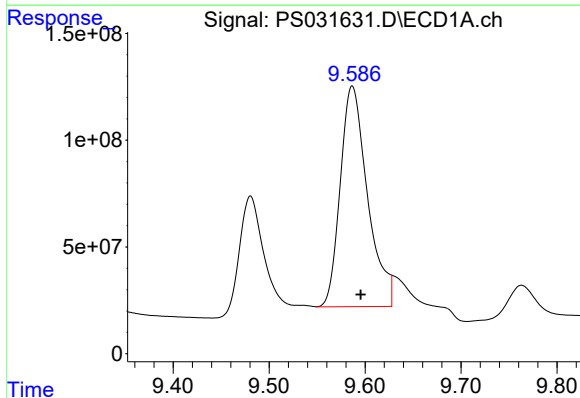
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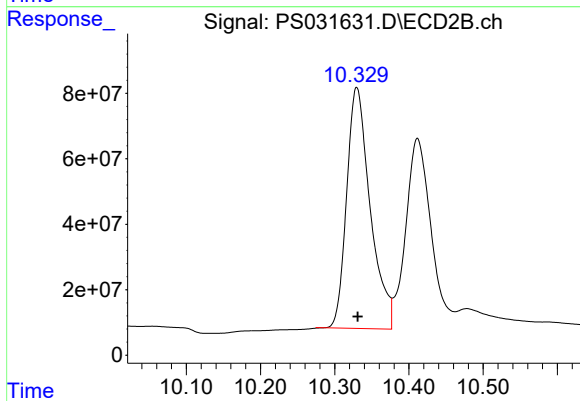
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 2456282500
Conc: 187.27 ng/ml



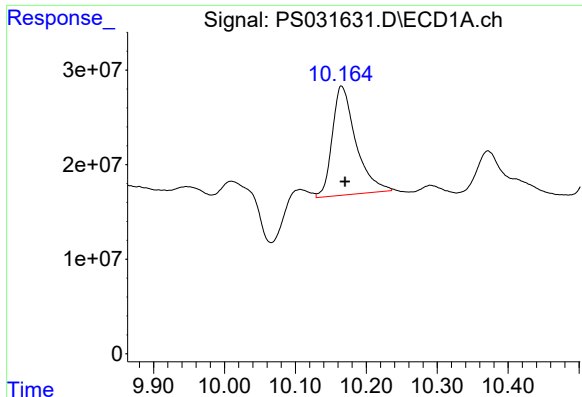
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: -0.009 min
Response: 2046997170
Conc: 139.72 ng/ml m



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 1631274014
Conc: 137.78 ng/ml m



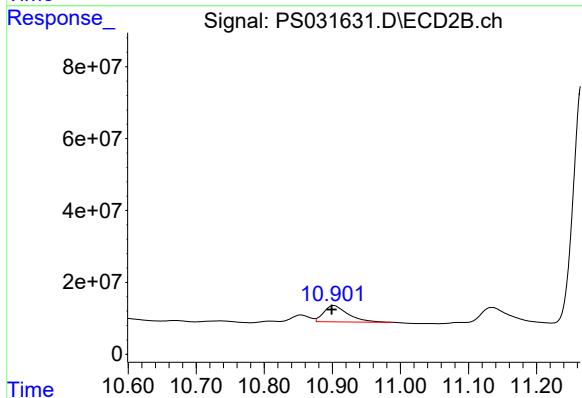
#13 2,4-DB

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 266467051
Conc: 138.66 ng/ml

Instrument :
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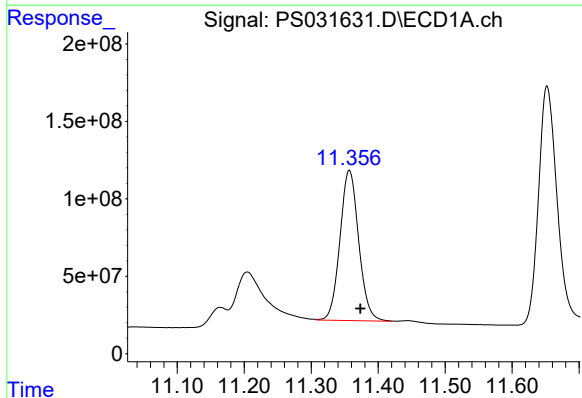
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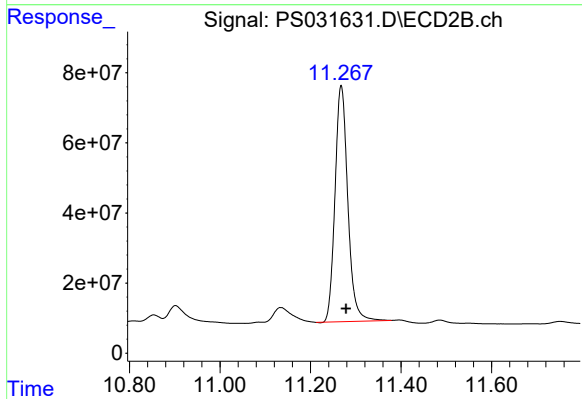
#13 2,4-DB

R.T.: 10.901 min
Delta R.T.: 0.002 min
Response: 113291653
Conc: 117.42 ng/ml m



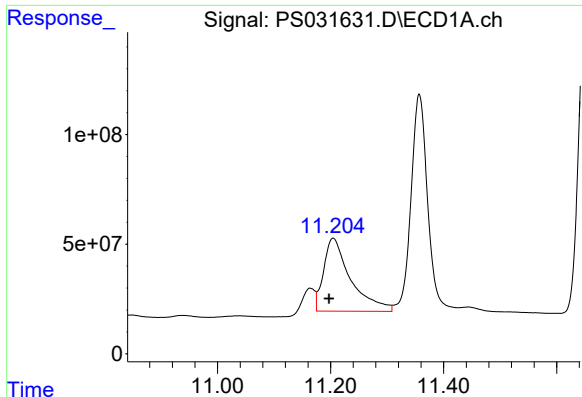
#14 DINOSEB

R.T.: 11.356 min
Delta R.T.: -0.017 min
Response: 1886750171
Conc: 148.82 ng/ml m



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: -0.011 min
Response: 1322272481
Conc: 139.82 ng/ml



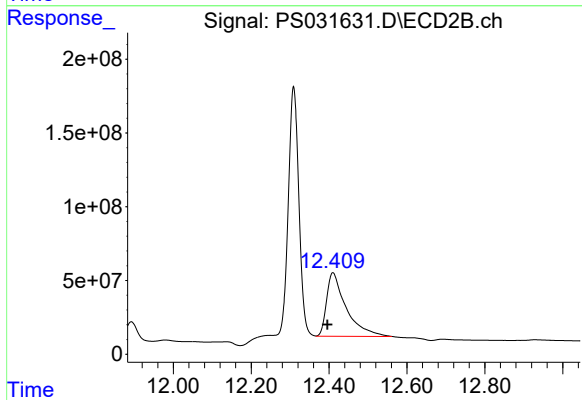
#15 Picloram

R.T.: 11.205 min
Delta R.T.: 0.008 min
Response: 1105241695
Conc: 84.67 ng/ml

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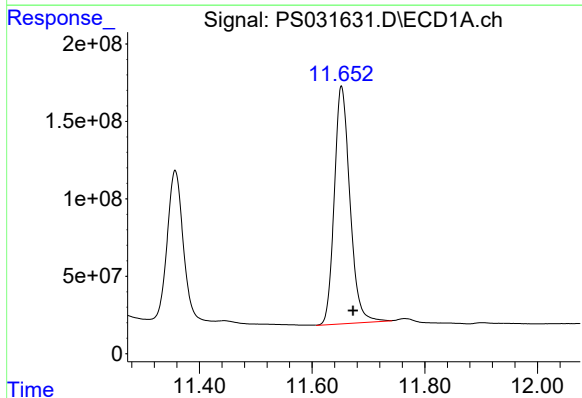
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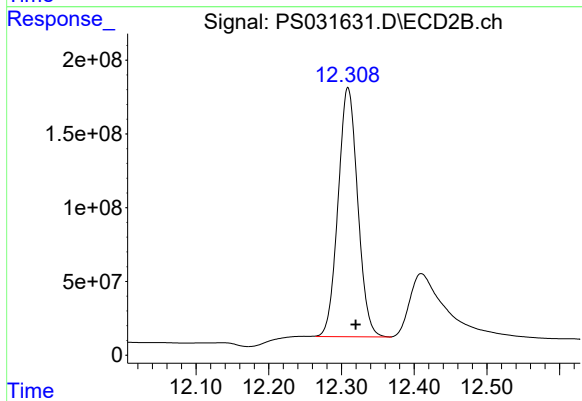
#15 Picloram

R.T.: 12.409 min
Delta R.T.: 0.013 min
Response: 1500849982
Conc: 85.62 ng/ml m



#16 DCPA

R.T.: 11.652 min
Delta R.T.: -0.021 min
Response: 2958220986
Conc: 129.86 ng/ml m



#16 DCPA

R.T.: 12.308 min
Delta R.T.: -0.011 min
Response: 3169349134
Conc: 160.88 ng/ml m