

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022223\
 Data File : PS022239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2023 13:32
 Operator : AR\AJ
 Sample : 01627-08
 Misc : LOQ,WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/23/2023
 Supervised By :Ankita Jodhani 02/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:09:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022023.M
 Quant Title : 8080.M
 QLast Update : Mon Feb 20 13:26:02 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	6.303	6.724	1370.9E6	1277.1E6	553.064	608.445
Target Compounds							
1) T	Dalapon	2.410	2.481	607.1E6	624.6E6	191.501	193.973
2) T	3,5-DICHL...	5.688	5.928	792.4E6	660.2E6	213.152	213.505
3) T	4-Nitroph...	6.172	6.369	248.2E6	271.2E6	195.011	203.040
5) T	DICAMBA	6.439	6.882	2241.8E6	2094.6E6	216.042	216.747
6) T	MCPD	6.584	6.973	136.7E6	146.0E6	17.911	19.119
7) T	MCPA	6.705	7.182	197.9E6	202.7E6	19.001	19.890
8) T	DICHLORPROP	7.027	7.505	589.9E6	535.9E6	218.437	217.995
9) T	2,4-D	7.242	7.803	730.9E6	627.8E6	222.925	216.798
10) T	Pentachlo...	7.445	8.211	8753.9E6	7900.7E6	243.144	243.836
11) T	2,4,5-TP ...	7.975	8.577	3485.4E6	3063.3E6	225.996	227.738
12) T	2,4,5-T	8.241	8.954	4000.8E6	2630.6E6	230.608	218.728
13) T	2,4-DB	8.746	9.460	479.3E6	314.9E6	176.811m	189.667
14) T	DINOSEB	9.781	9.777	3134.1E6	2098.3E6	228.051	219.921
15) T	Picloram	9.634	10.755	4829.2E6	4282.5E6	196.040	218.428
16) T	DCPA	10.049	10.702	5003.0E6	3702.8E6	234.899	236.681

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

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 ALS Vial : 5 Sample Multiplier: 1

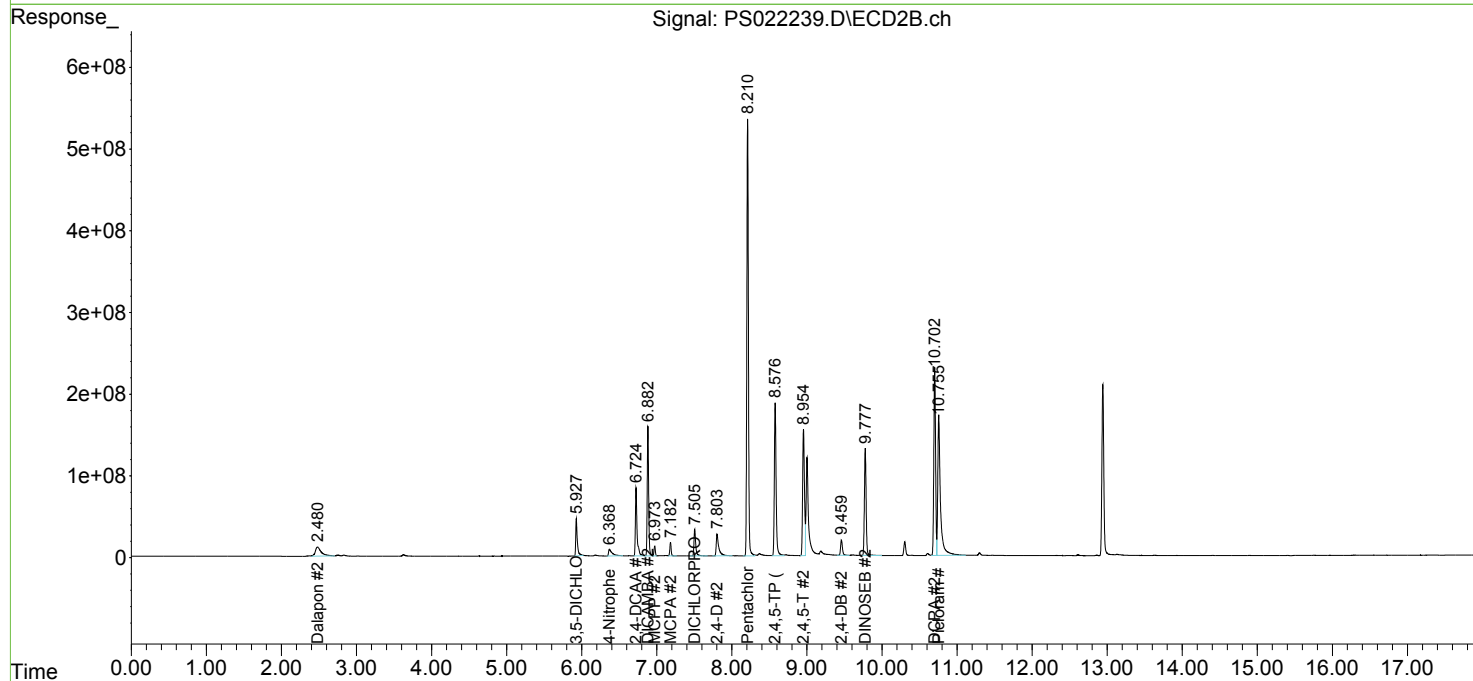
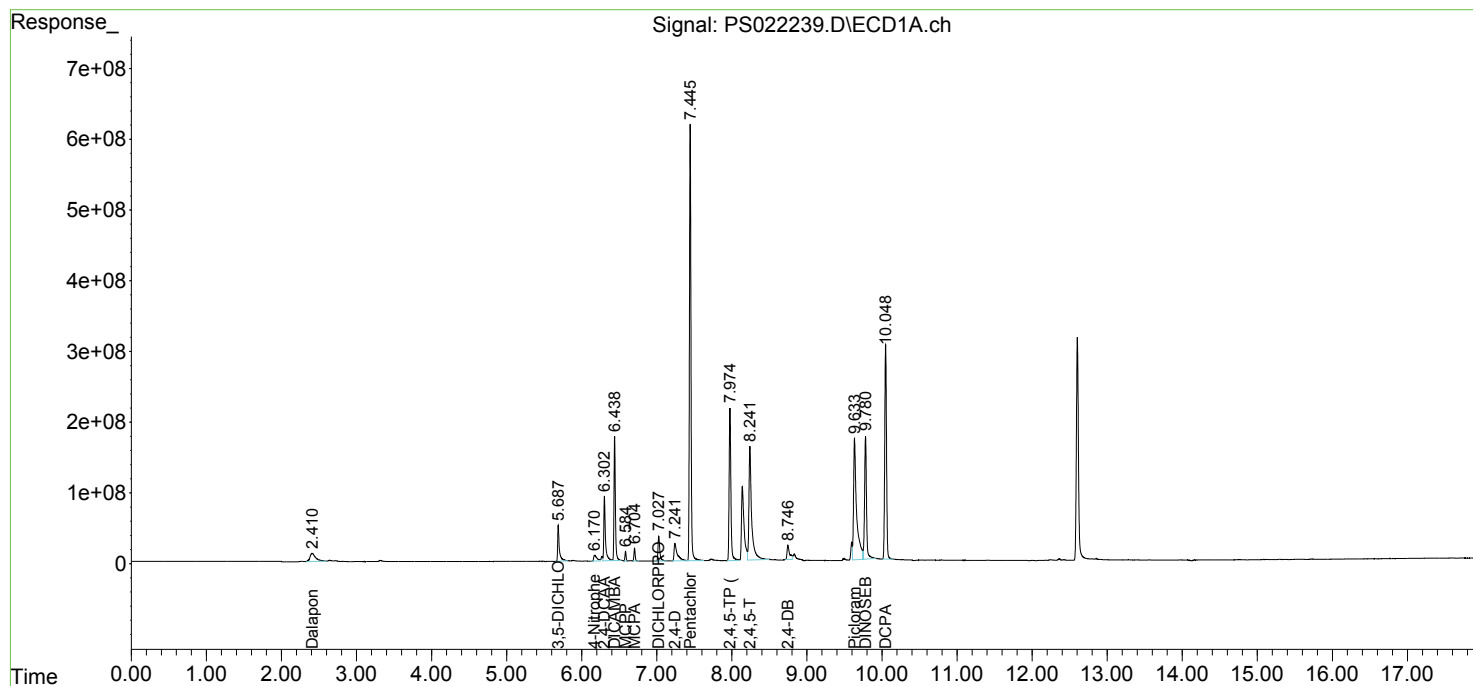
Instrument :
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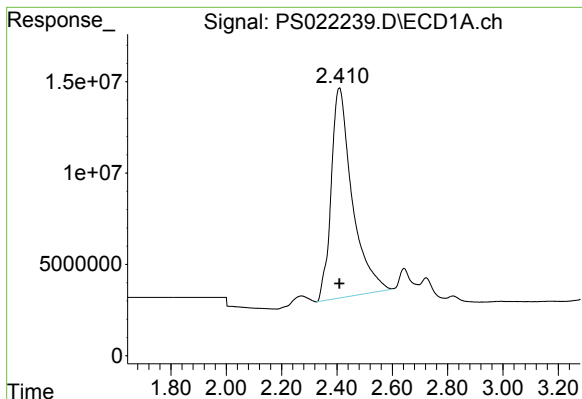
Manual Integrations
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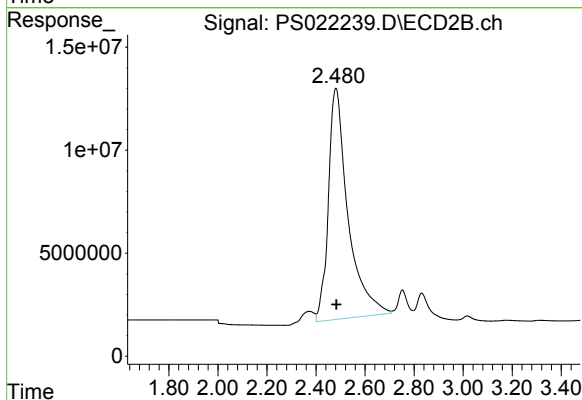
#1 Dalapon

R.T.: 2.410 min
Delta R.T.: 0.000 min
Response: 607110664
Conc: 191.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT1-2023

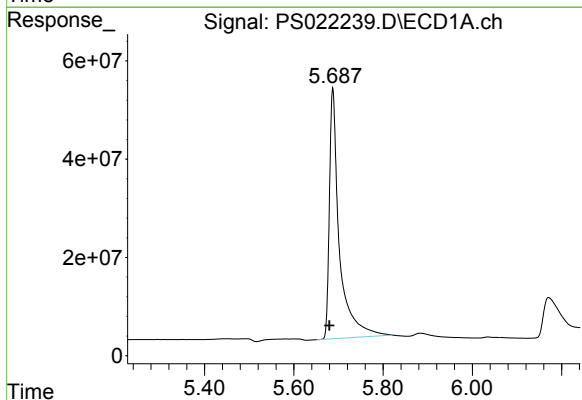
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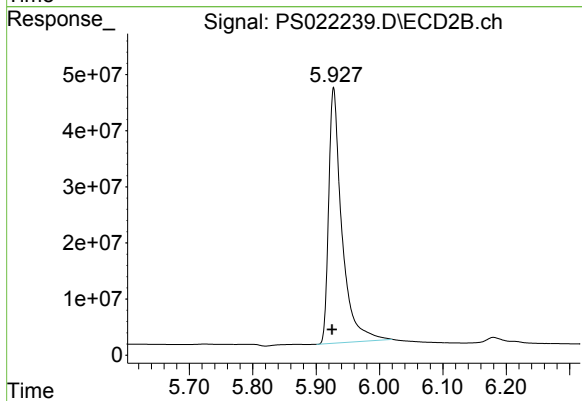
#1 Dalapon

R.T.: 2.481 min
Delta R.T.: -0.002 min
Response: 624621992
Conc: 193.97 ng/ml



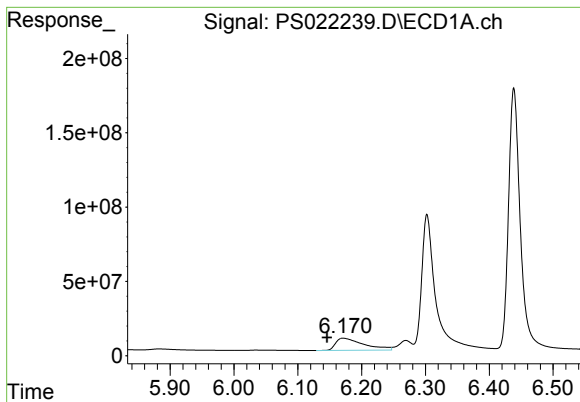
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.688 min
Delta R.T.: 0.008 min
Response: 792371396
Conc: 213.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 660227830
Conc: 213.51 ng/ml



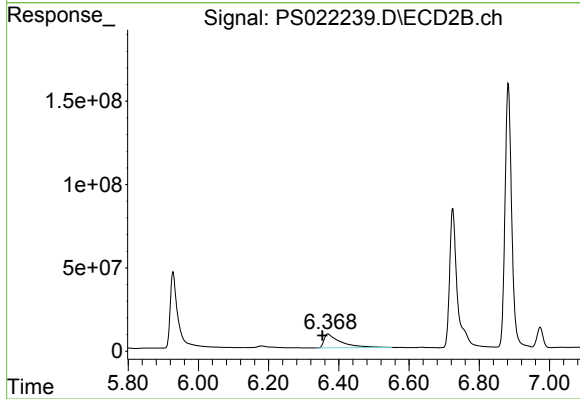
#3 4-Nitrophenol

R.T.: 6.172 min
Delta R.T.: 0.026 min
Response: 248155681
Conc: 195.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT1-2023

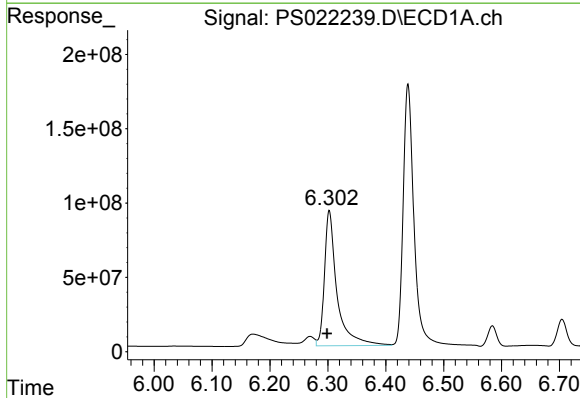
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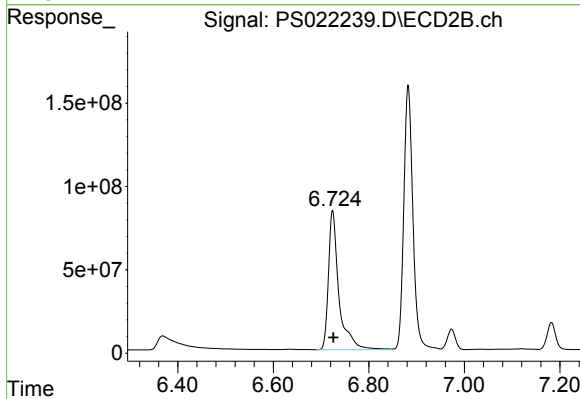
#3 4-Nitrophenol

R.T.: 6.369 min
Delta R.T.: 0.015 min
Response: 271167933
Conc: 203.04 ng/ml



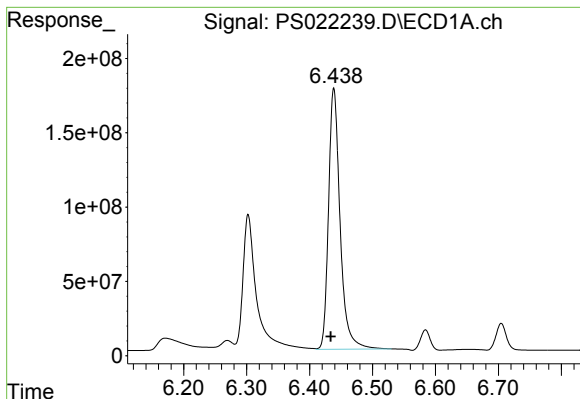
#4 2,4-DCAA

R.T.: 6.303 min
Delta R.T.: 0.004 min
Response: 1370874344
Conc: 553.06 ng/ml



#4 2,4-DCAA

R.T.: 6.724 min
Delta R.T.: -0.001 min
Response: 1277102494
Conc: 608.44 ng/ml



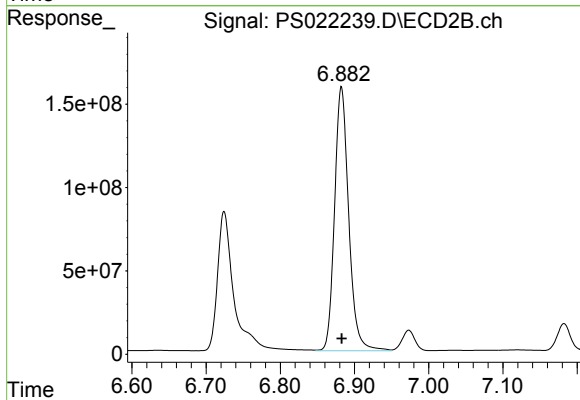
#5 DICAMBA

R.T.: 6.439 min
Delta R.T.: 0.005 min
Response: 2241779582
Conc: 216.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT1-2023

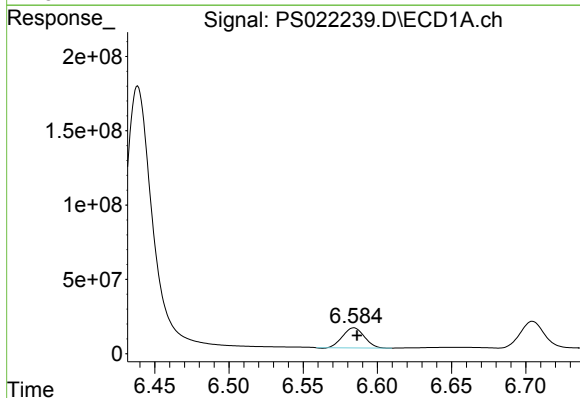
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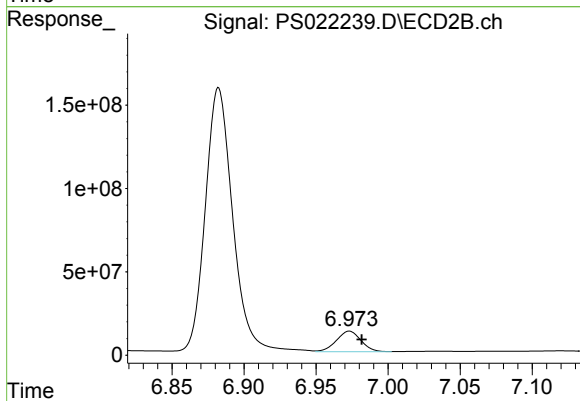
#5 DICAMBA

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 2094636040
Conc: 216.75 ng/ml



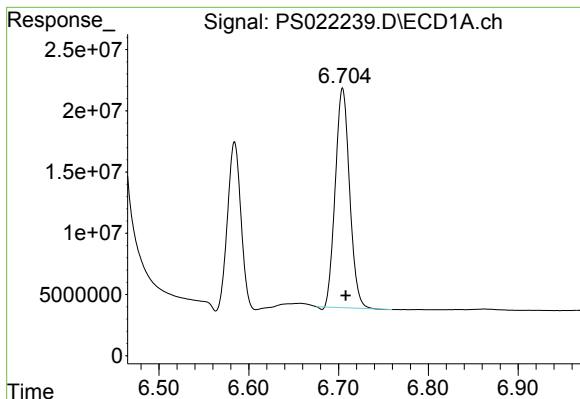
#6 MCP

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 136666920
Conc: 17.91 ug/ml



#6 MCP

R.T.: 6.973 min
Delta R.T.: -0.009 min
Response: 145965230
Conc: 19.12 ug/ml



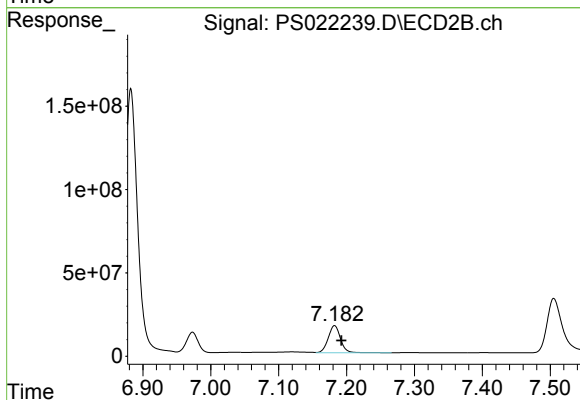
#7 MCPA

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 197881403
Conc: 19.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT1-2023

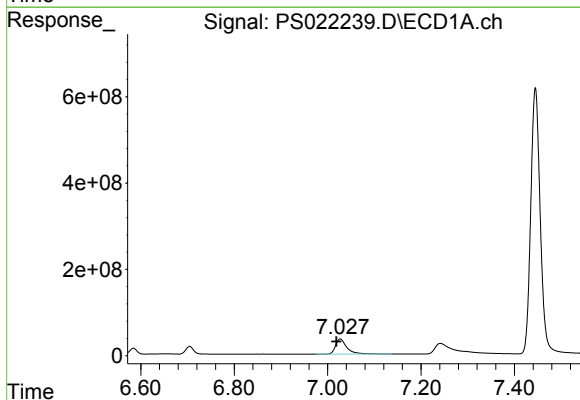
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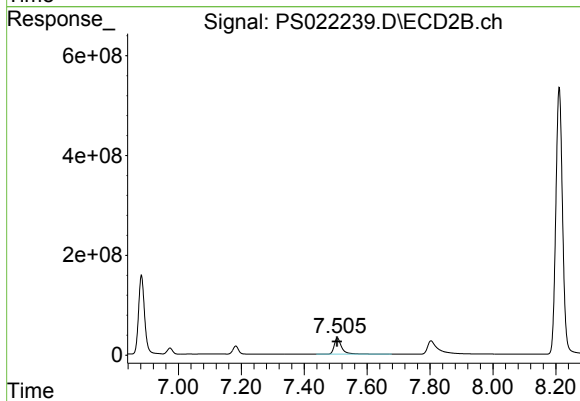
#7 MCPA

R.T.: 7.182 min
Delta R.T.: -0.010 min
Response: 202729686
Conc: 19.89 ug/ml



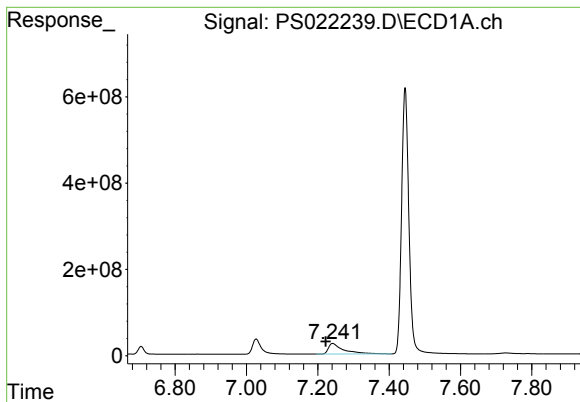
#8 DICHLORPROP

R.T.: 7.027 min
Delta R.T.: 0.008 min
Response: 589915748
Conc: 218.44 ng/ml



#8 DICHLORPROP

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 535924839
Conc: 217.99 ng/ml



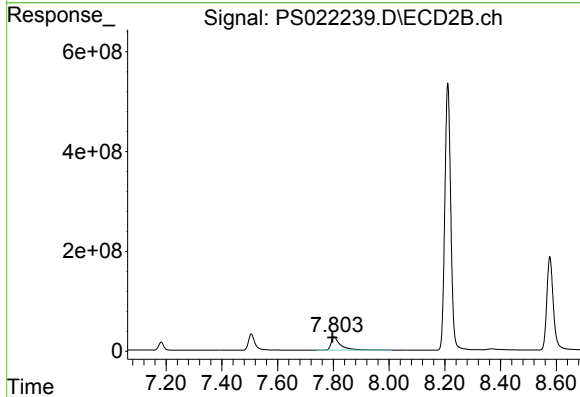
#9 2,4-D

R.T.: 7.242 min
Delta R.T.: 0.019 min
Response: 730910091
Conc: 222.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-WATER-02-QT1-2023

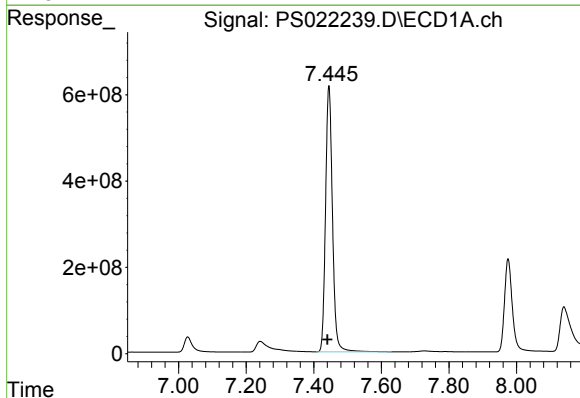
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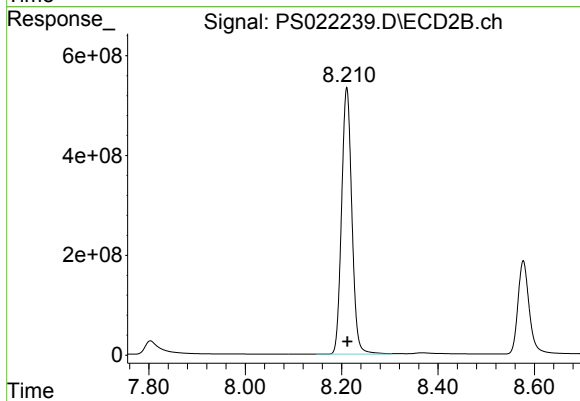
#9 2,4-D

R.T.: 7.803 min
Delta R.T.: 0.007 min
Response: 627785809
Conc: 216.80 ng/ml



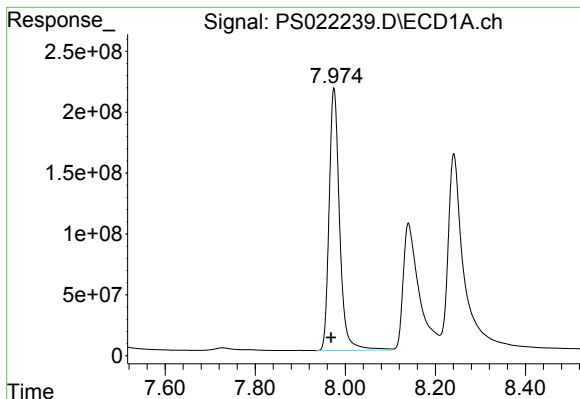
#10 Pentachlorophenol

R.T.: 7.445 min
Delta R.T.: 0.005 min
Response: 8753890937
Conc: 243.14 ng/ml



#10 Pentachlorophenol

R.T.: 8.211 min
Delta R.T.: -0.001 min
Response: 7900695688
Conc: 243.84 ng/ml



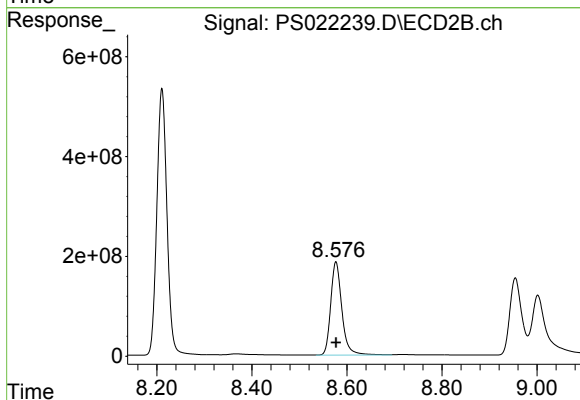
#11 2,4,5-TP (SILVEX)

R.T.: 7.975 min
Delta R.T.: 0.006 min
Response: 3485416755
Conc: 226.00 ng/ml

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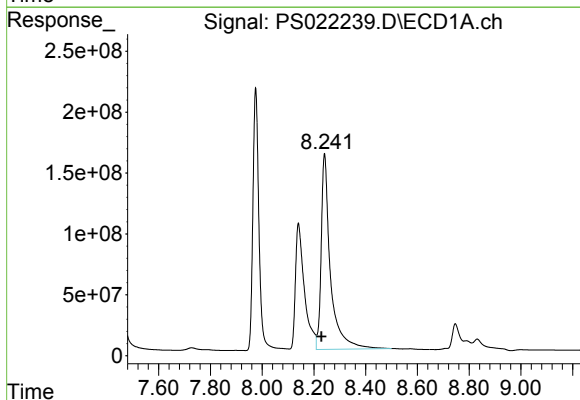
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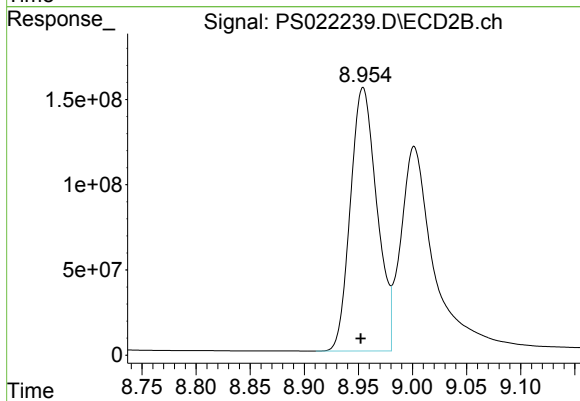
#11 2,4,5-TP (SILVEX)

R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 3063319322
Conc: 227.74 ng/ml



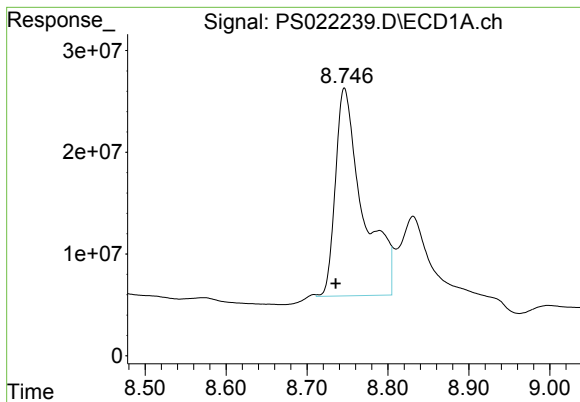
#12 2,4,5-T

R.T.: 8.241 min
Delta R.T.: 0.012 min
Response: 4000834615
Conc: 230.61 ng/ml



#12 2,4,5-T

R.T.: 8.954 min
Delta R.T.: 0.002 min
Response: 2630647585
Conc: 218.73 ng/ml



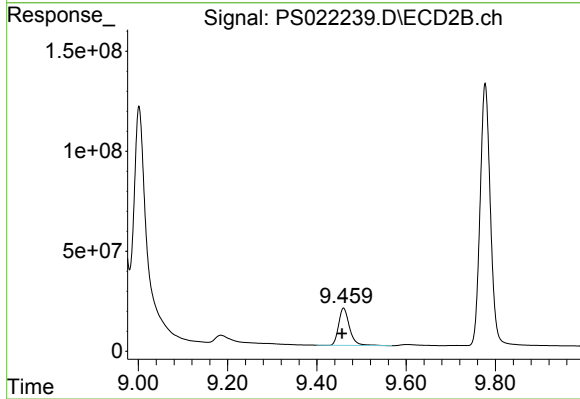
#13 2,4-DB

R.T.: 8.746 min
Delta R.T.: 0.010 min
Response: 479322296
Conc: 176.81 ng/ml

Instrument :
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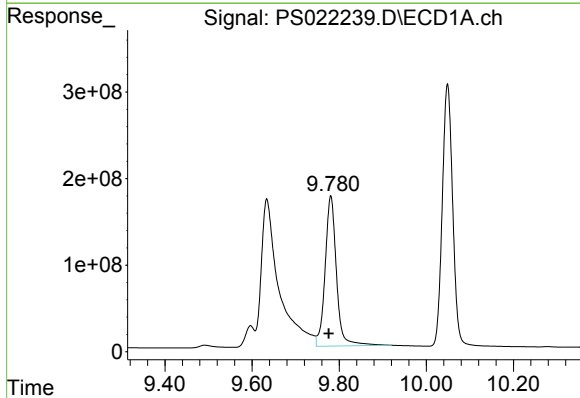
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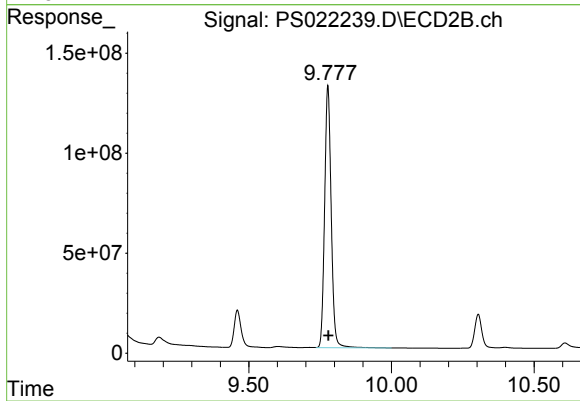
#13 2,4-DB

R.T.: 9.460 min
Delta R.T.: 0.003 min
Response: 314897514
Conc: 189.67 ng/ml



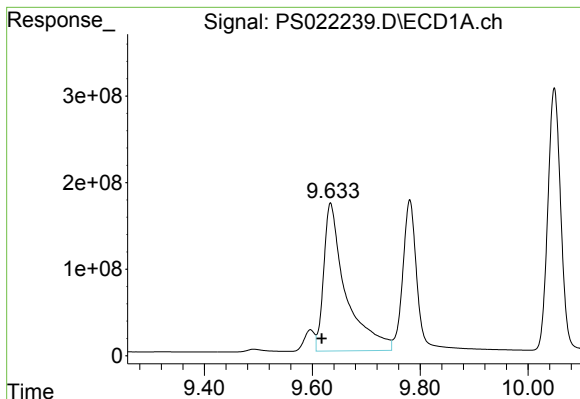
#14 DINOSEB

R.T.: 9.781 min
Delta R.T.: 0.005 min
Response: 3134096873
Conc: 228.05 ng/ml



#14 DINOSEB

R.T.: 9.777 min
Delta R.T.: -0.002 min
Response: 2098262202
Conc: 219.92 ng/ml



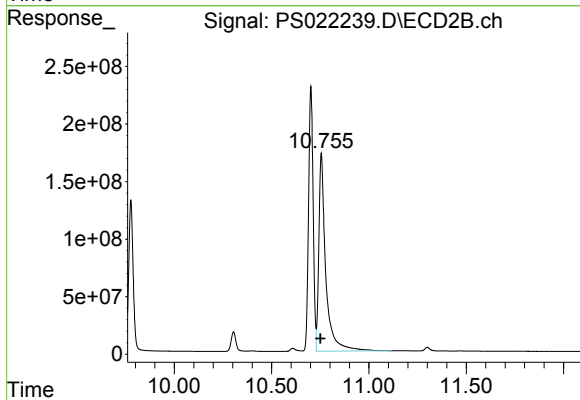
#15 Picloram

R.T.: 9.634 min
Delta R.T.: 0.016 min
Response: 4829236685
Conc: 196.04 ng/ml

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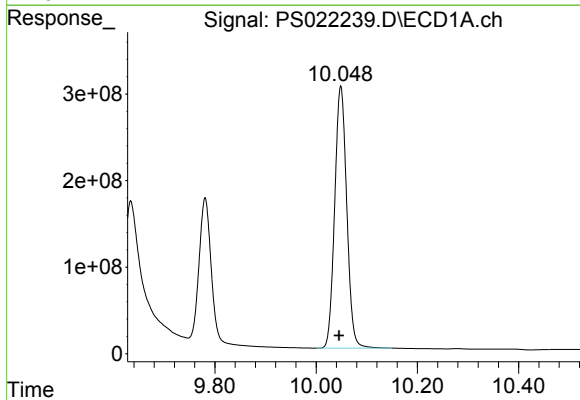
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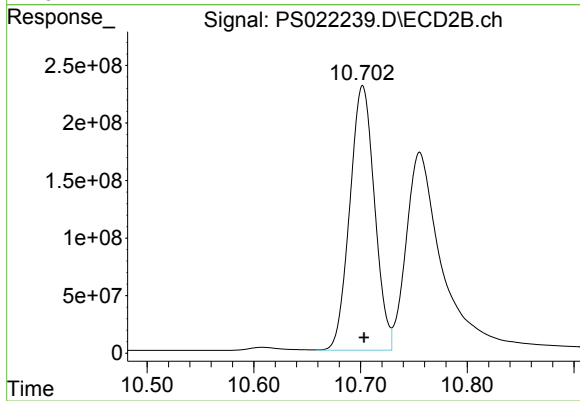
#15 Picloram

R.T.: 10.755 min
Delta R.T.: 0.006 min
Response: 4282493548
Conc: 218.43 ng/ml



#16 DCPA

R.T.: 10.049 min
Delta R.T.: 0.003 min
Response: 5002997010
Conc: 234.90 ng/ml



#16 DCPA

R.T.: 10.702 min
Delta R.T.: -0.001 min
Response: 3702831801
Conc: 236.68 ng/ml