

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022223\
 Data File : PS022247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2023 18:01
 Operator : AR\AJ
 Sample : 01627-07
 Misc : MDL,WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Manual Integrations
 APPROVED

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

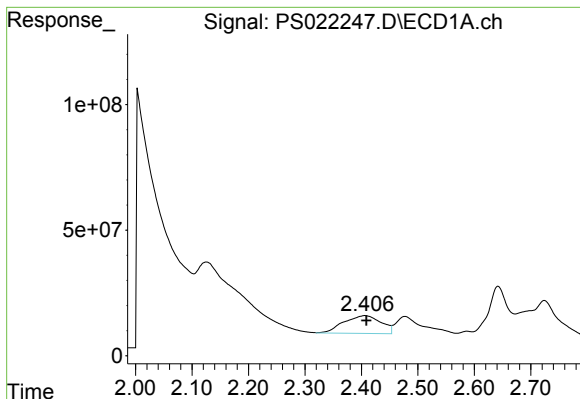
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:16:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022023.M
 Quant Title : 8080.M
 QLast Update : Mon Feb 20 13:26:02 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 Signal #1 Info : 30M x 0.32mm x 0.5 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	6.299	6.723	1141.7E6	1102.8E6	460.605	525.417
Target Compounds							
1) T	Dalapon	2.406	2.485	329.9E6	459.3E6	104.059m	142.624m#
2) T	3,5-DICHL...	5.683	5.926	498.9E6	418.1E6	134.207	135.192
3) T	4-Nitroph...	6.157	6.359	176.0E6	118.2E6	138.341	88.536 #
5) T	DICAMBA	6.436	6.881	1272.5E6	1186.4E6	122.631	122.765
6) T	MCP	6.581	6.972	84654385	88841056	11.095	11.637
7) T	MCPA	6.702	7.180	115.4E6	144.8E6	11.085	14.203 #
8) T	DICHLORPROP	7.023	7.504	329.3E6	372.0E6	121.953	151.325
9) T	2,4-D	7.233	7.796	428.1E6	419.7E6	130.577	144.949
10) T	Pentachlo...	7.442	8.209	5577.4E6	5067.3E6	154.916	156.391
11) T	2,4,5-TP ...	7.969	8.572	2346.2E6	2006.9E6	152.127	149.202
12) T	2,4,5-T	8.232	8.953	2294.4E6	1723.5E6	132.251	143.305
13) T	2,4-DB	8.739	9.456	383.8E6	220.8E6	141.584	132.994
14) T	DINOSEB	9.776	9.776	1766.9E6	1242.3E6	128.565	130.209
15) T	Picloram	9.628	10.754	2528.2E6	2341.4E6	102.631m	119.425
16) T	DCPA	10.044	10.701	3391.7E6	2103.5E6	159.244	134.451

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



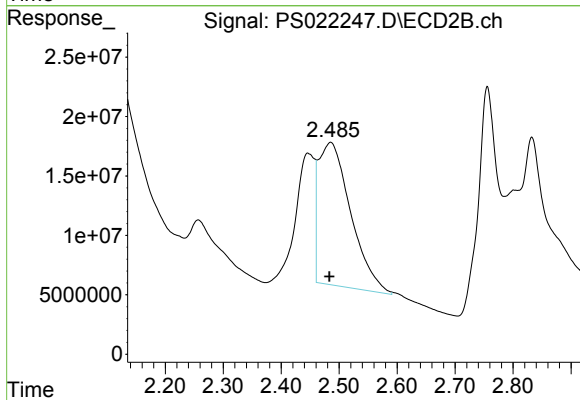
#1 Dalapon

R.T.: 2.406 min
Delta R.T.: -0.003 min
Response: 329896371
Conc: 104.06 ng/ml

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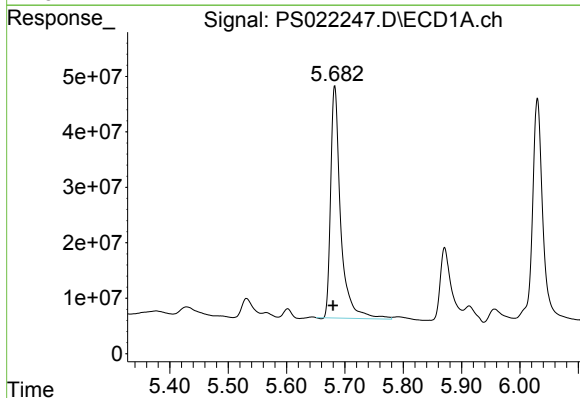
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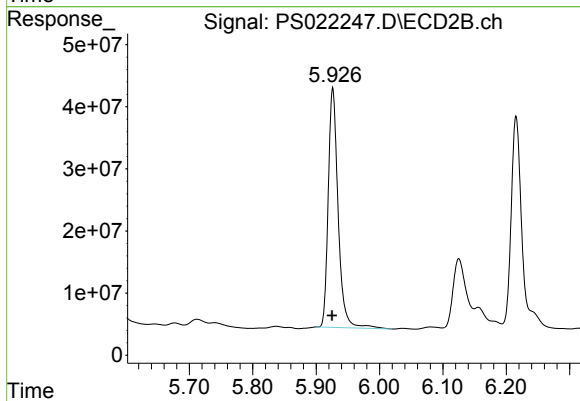
#1 Dalapon

R.T.: 2.485 min
Delta R.T.: 0.002 min
Response: 459270895
Conc: 142.62 ng/ml m



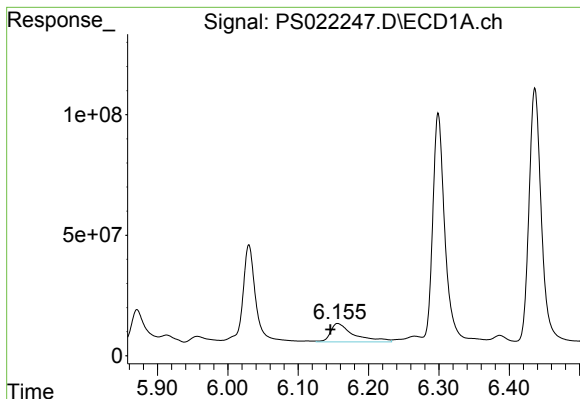
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 498902123
Conc: 134.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 418059197
Conc: 135.19 ng/ml



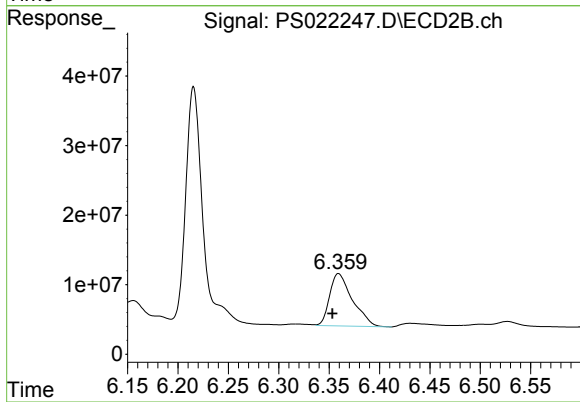
#3 4-Nitrophenol

R.T.: 6.157 min
Delta R.T.: 0.011 min
Response: 176041360
Conc: 138.34 ng/ml

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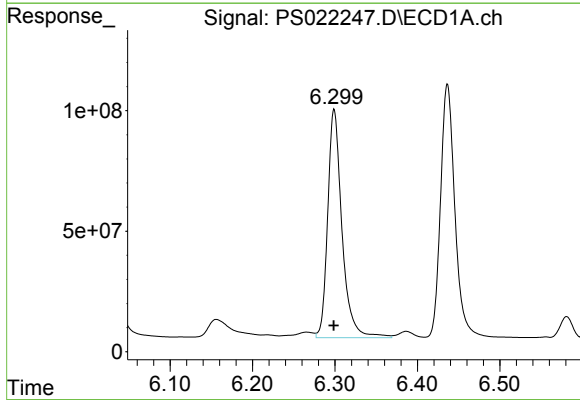
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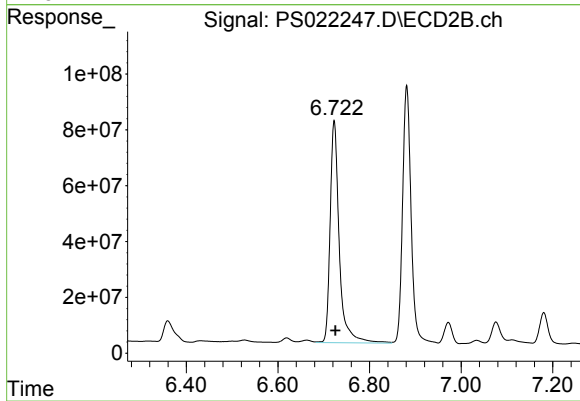
#3 4-Nitrophenol

R.T.: 6.359 min
Delta R.T.: 0.006 min
Response: 118243195
Conc: 88.54 ng/ml



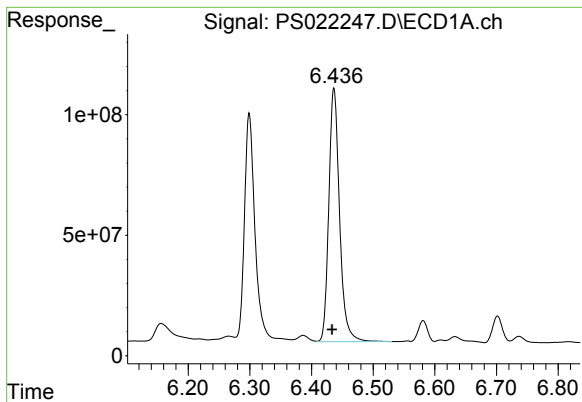
#4 2,4-DCAA

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1141697902
Conc: 460.61 ng/ml



#4 2,4-DCAA

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 1102829894
Conc: 525.42 ng/ml



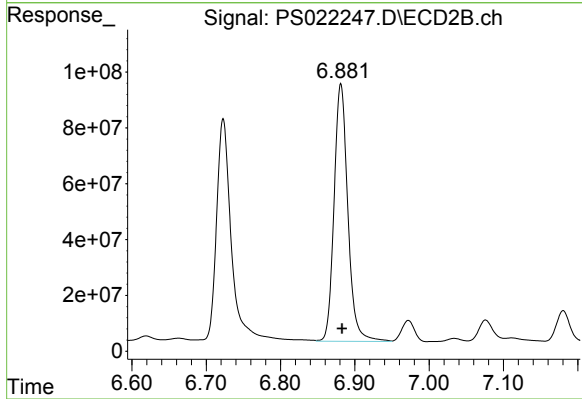
#5 DICAMBA

R.T.: 6.436 min
Delta R.T.: 0.003 min
Response: 1272492904
Conc: 122.63 ng/ml

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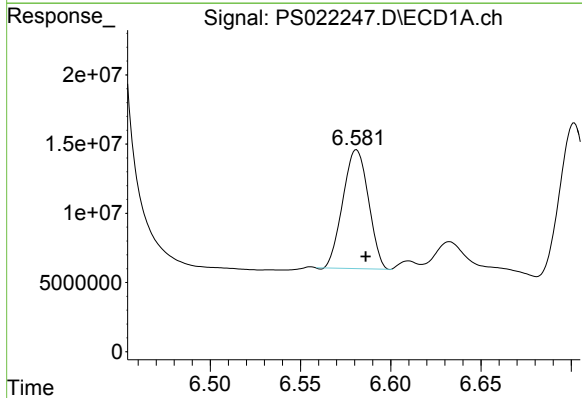
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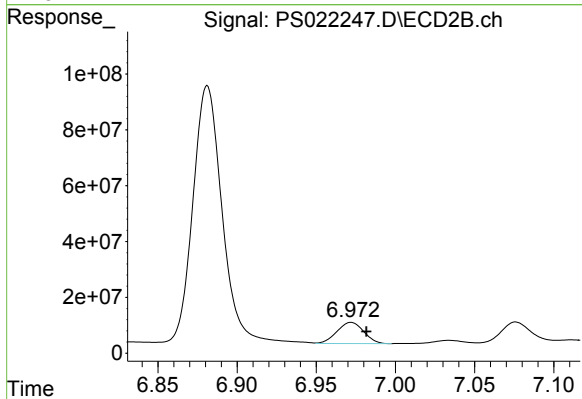
#5 DICAMBA

R.T.: 6.881 min
Delta R.T.: -0.002 min
Response: 1186400444
Conc: 122.77 ng/ml



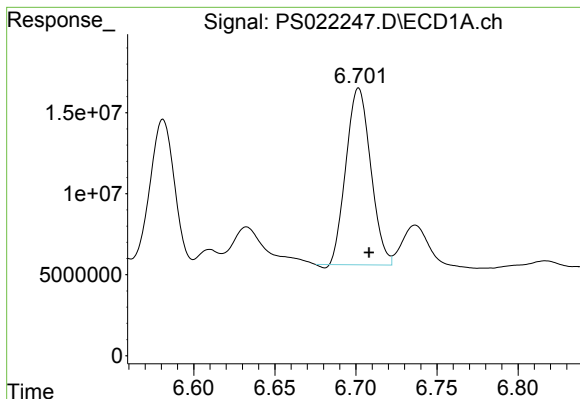
#6 MCP

R.T.: 6.581 min
Delta R.T.: -0.005 min
Response: 84654385
Conc: 11.09 ug/ml



#6 MCP

R.T.: 6.972 min
Delta R.T.: -0.010 min
Response: 88841056
Conc: 11.64 ug/ml



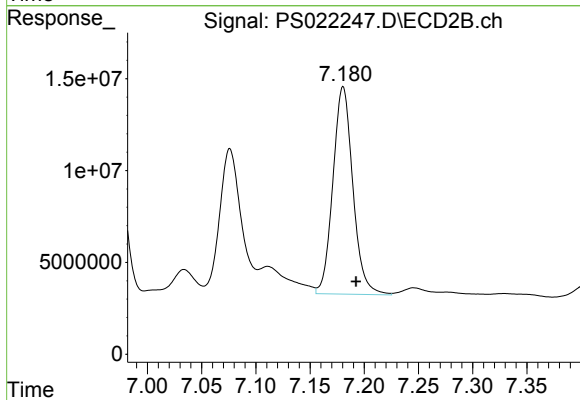
#7 MCPA

R.T.: 6.702 min
Delta R.T.: -0.006 min
Response: 115442614
Conc: 11.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
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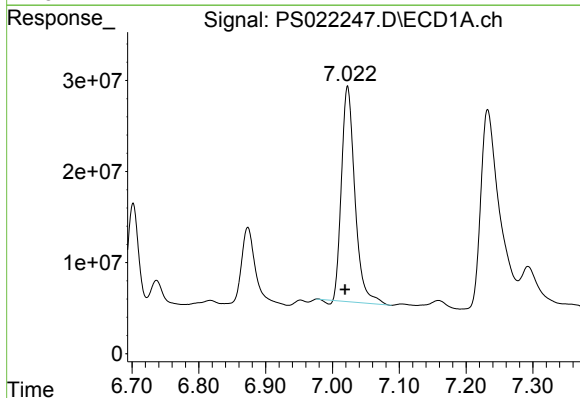
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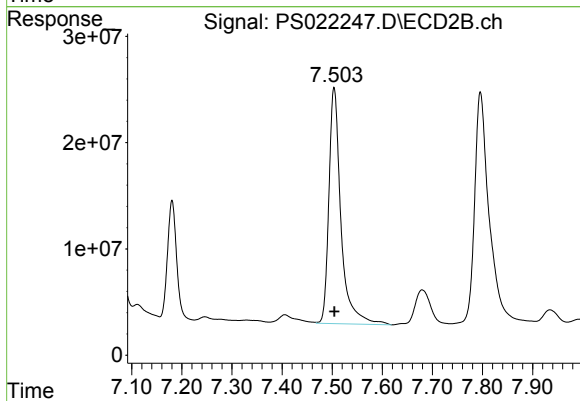
#7 MCPA

R.T.: 7.180 min
Delta R.T.: -0.012 min
Response: 144770164
Conc: 14.20 ug/ml



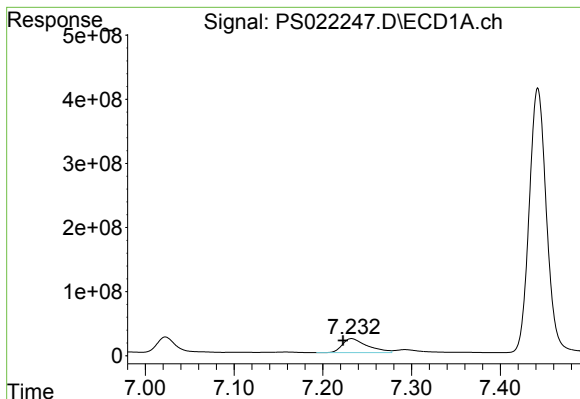
#8 DICHLORPROP

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 329348100
Conc: 121.95 ng/ml



#8 DICHLORPROP

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 372021682
Conc: 151.33 ng/ml



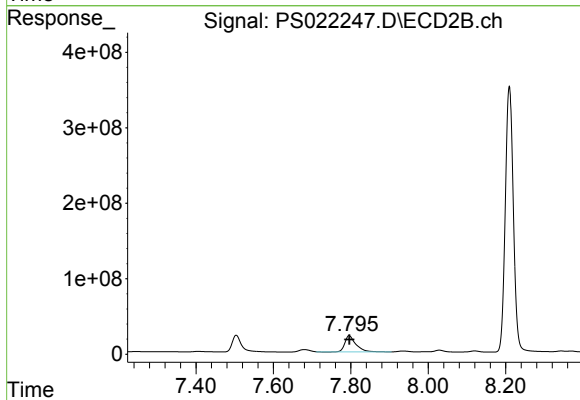
#9 2,4-D

R.T.: 7.233 min
Delta R.T.: 0.010 min
Response: 428126284
Conc: 130.58 ng/ml

Instrument :
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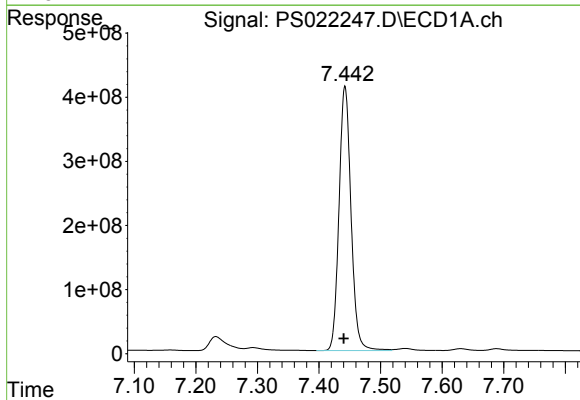
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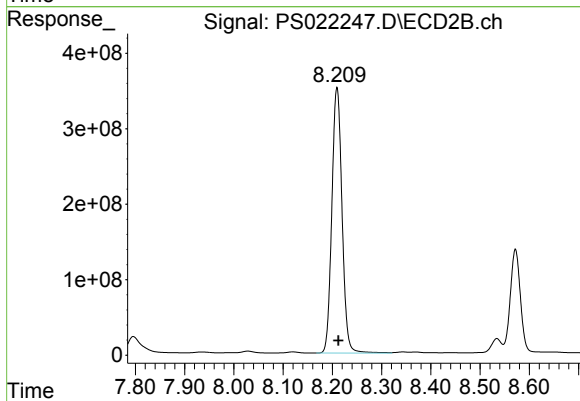
#9 2,4-D

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 419731275
Conc: 144.95 ng/ml



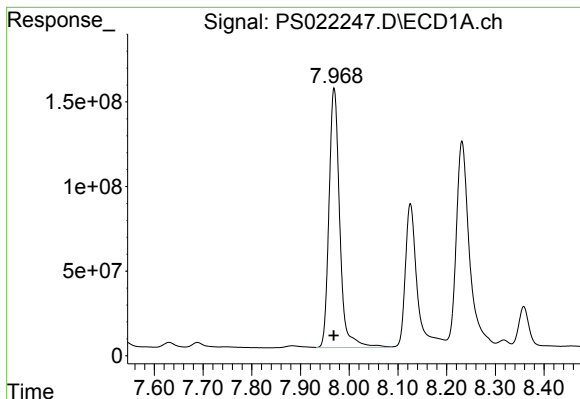
#10 Pentachlorophenol

R.T.: 7.442 min
Delta R.T.: 0.002 min
Response: 5577413317
Conc: 154.92 ng/ml



#10 Pentachlorophenol

R.T.: 8.209 min
Delta R.T.: -0.003 min
Response: 5067331863
Conc: 156.39 ng/ml



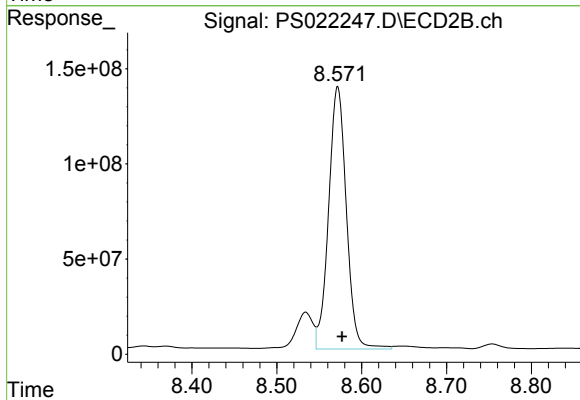
#11 2,4,5-TP (SILVEX)

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 2346175981
Conc: 152.13 ng/ml

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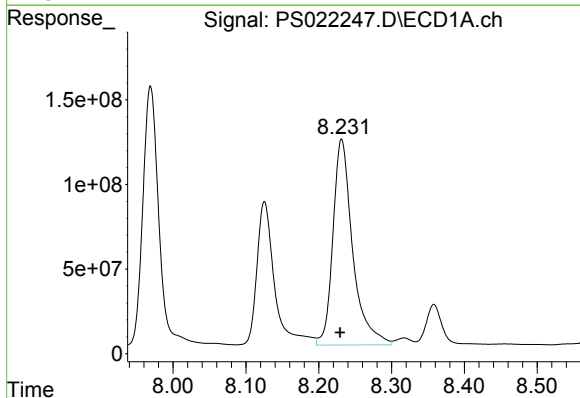
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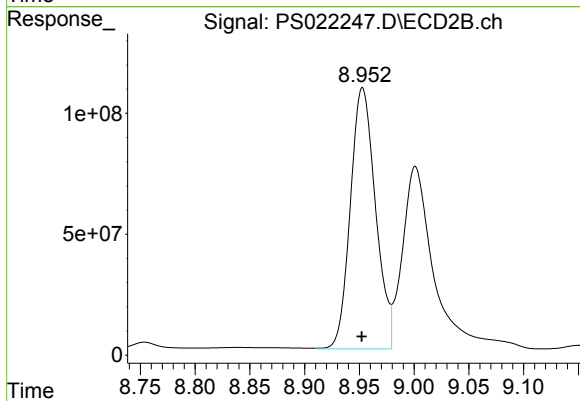
#11 2,4,5-TP (SILVEX)

R.T.: 8.572 min
Delta R.T.: -0.005 min
Response: 2006927667
Conc: 149.20 ng/ml



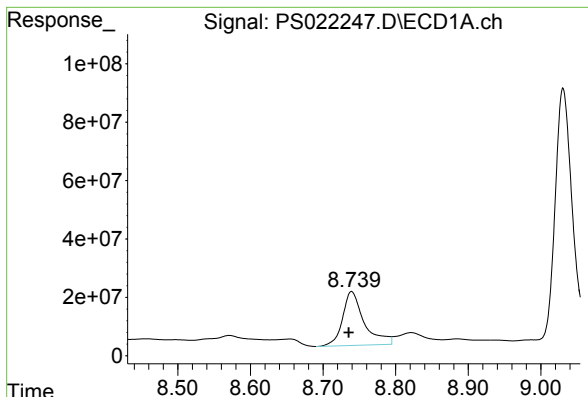
#12 2,4,5-T

R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 2294433940
Conc: 132.25 ng/ml



#12 2,4,5-T

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 1723541697
Conc: 143.31 ng/ml



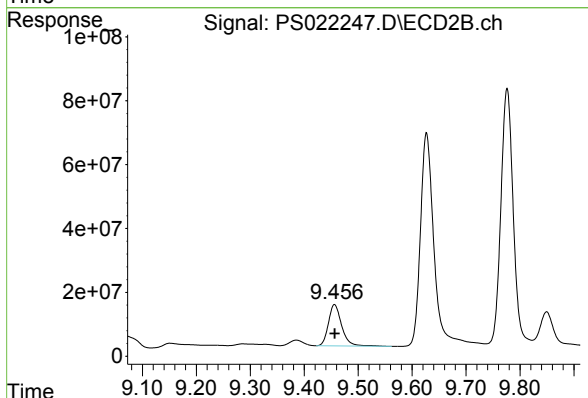
#13 2,4-DB

R.T.: 8.739 min
Delta R.T.: 0.004 min
Response: 383823196
Conc: 141.58 ng/ml

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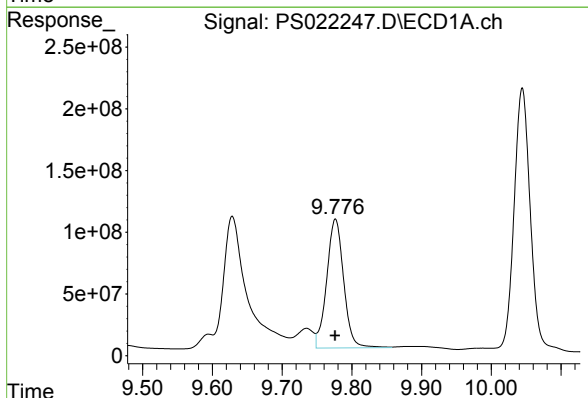
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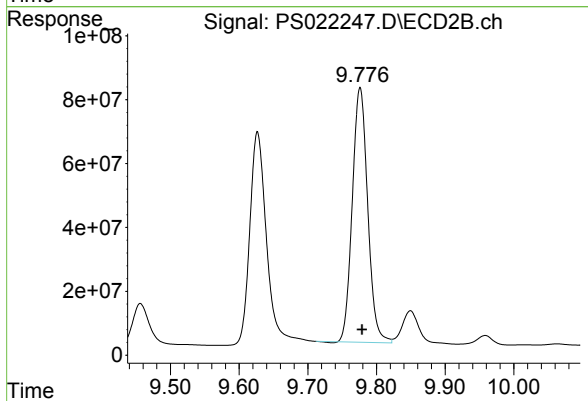
#13 2,4-DB

R.T.: 9.456 min
Delta R.T.: 0.000 min
Response: 220804770
Conc: 132.99 ng/ml



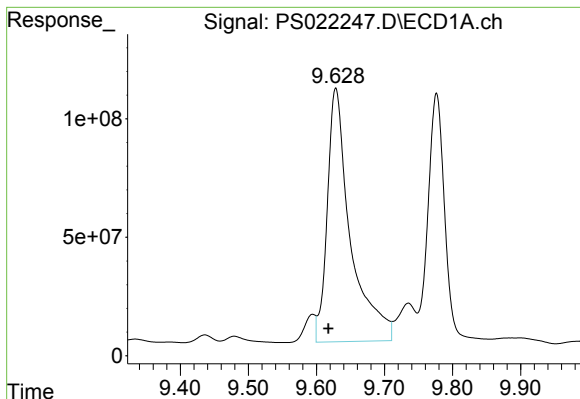
#14 DINOSEB

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 1766860692
Conc: 128.56 ng/ml



#14 DINOSEB

R.T.: 9.776 min
Delta R.T.: -0.003 min
Response: 1242321208
Conc: 130.21 ng/ml



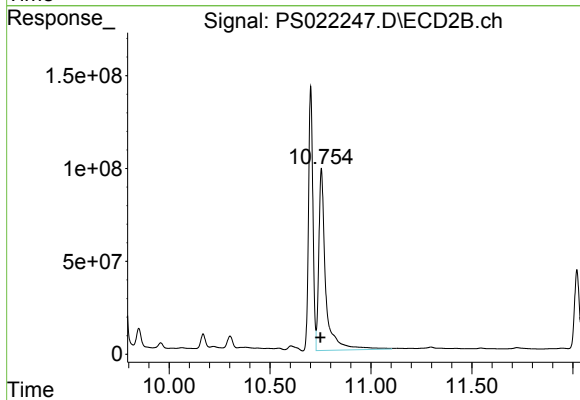
#15 Picloram

R.T.: 9.628 min
Delta R.T.: 0.010 min
Response: 2528218112
Conc: 102.63 ng/ml

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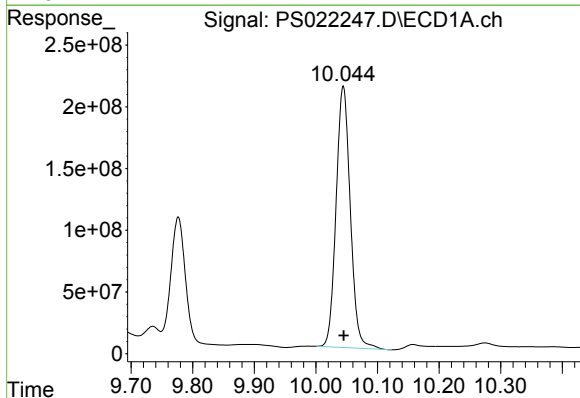
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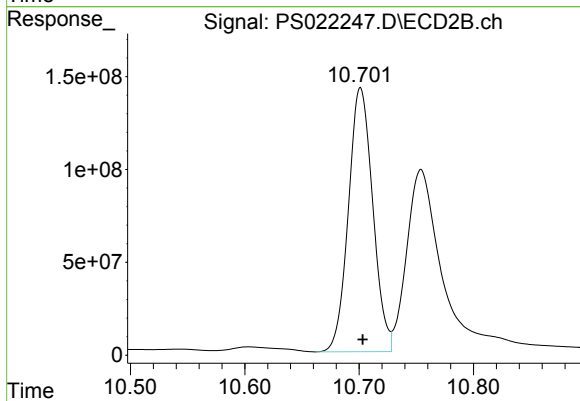
#15 Picloram

R.T.: 10.754 min
Delta R.T.: 0.004 min
Response: 2341439251
Conc: 119.42 ng/ml



#16 DCPA

R.T.: 10.044 min
Delta R.T.: 0.000 min
Response: 3391660821
Conc: 159.24 ng/ml



#16 DCPA

R.T.: 10.701 min
Delta R.T.: -0.002 min
Response: 2103458919
Conc: 134.45 ng/ml