

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022223\
 Data File : PS022245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2023 17:13
 Operator : AR\AJ
 Sample : 01627-01
 Misc : MDL,SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

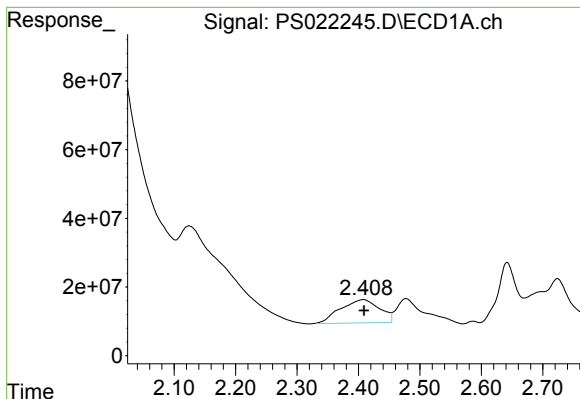
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:14:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022023.M
 Quant Title : 8080.M
 QLast Update : Mon Feb 20 13:26:02 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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	6.298	6.723	1190.4E6	1149.2E6	480.264	547.489
Target Compounds							
1) T	Dalapon	2.408	2.487	299.3E6	459.2E6	94.411m	142.606m#
2) T	3,5-DICHL...	5.682	5.926	524.4E6	440.1E6	141.060	142.318
3) T	4-Nitroph...	6.156	6.360	184.8E6	120.5E6	145.242	90.191 #
5) T	DICAMBA	6.436	6.881	1340.9E6	1250.2E6	129.224	129.367
6) T	MCPD	6.581	6.972	99824839	94735664	13.083	12.409
7) T	MCPA	6.702	7.180	126.8E6	153.0E6	12.175	15.015
8) T	DICHLORPROP	7.022	7.504	365.8E6	375.9E6	135.439	152.886
9) T	2,4-D	7.233	7.796	445.5E6	458.2E6	135.861	158.248
10) T	Pentachlo...	7.442	8.210	5876.7E6	5357.3E6	163.227	165.340
11) T	2,4,5-TP ...	7.969	8.573	2460.1E6	2145.5E6	159.515	159.504
12) T	2,4,5-T	8.231	8.953	2420.9E6	1813.3E6	139.543	150.768
13) T	2,4-DB	8.740	9.457	389.4E6	226.7E6	143.649	136.520
14) T	DINOSEB	9.777	9.777	1867.2E6	1309.9E6	135.864	137.289
15) T	Picloram	9.628	10.756	2677.6E6	2444.5E6	108.697m	124.679
16) T	DCPA	10.045	10.702	3571.8E6	2197.5E6	167.703	140.463

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



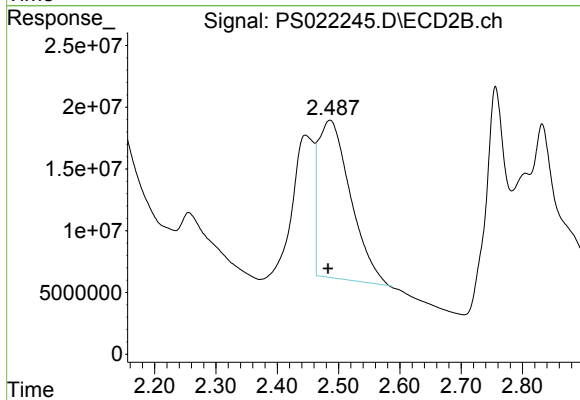
#1 Dalapon

R.T.: 2.408 min
Delta R.T.: 0.000 min
Response: 299309975
Conc: 94.41 ng/ml

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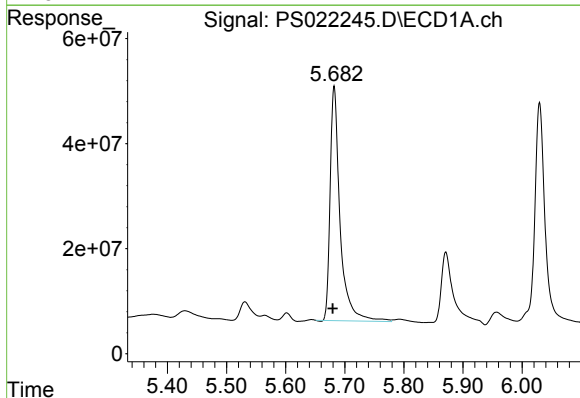
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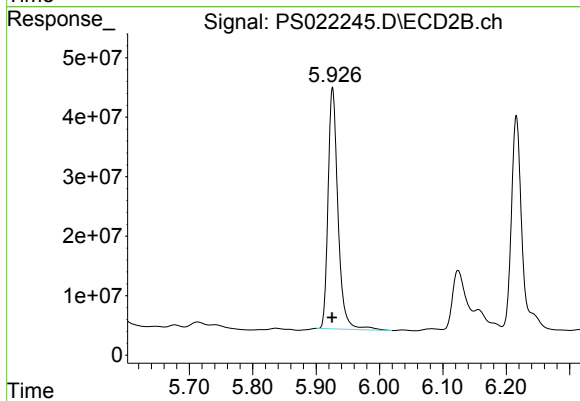
#1 Dalapon

R.T.: 2.487 min
Delta R.T.: 0.004 min
Response: 459213605
Conc: 142.61 ng/ml m



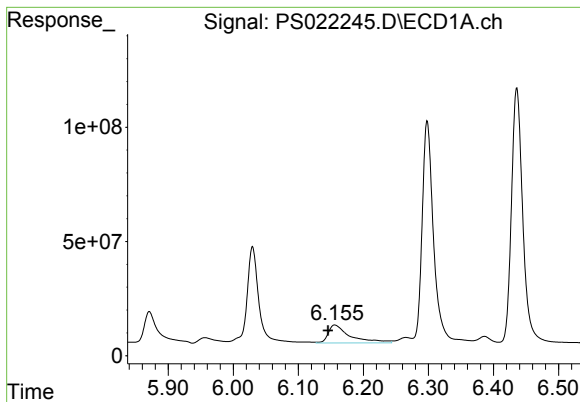
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 524375375
Conc: 141.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 440092961
Conc: 142.32 ng/ml



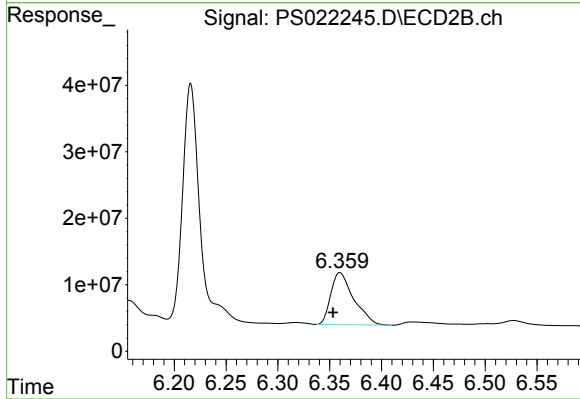
#3 4-Nitrophenol

R.T.: 6.156 min
Delta R.T.: 0.011 min
Response: 184823279
Conc: 145.24 ng/ml

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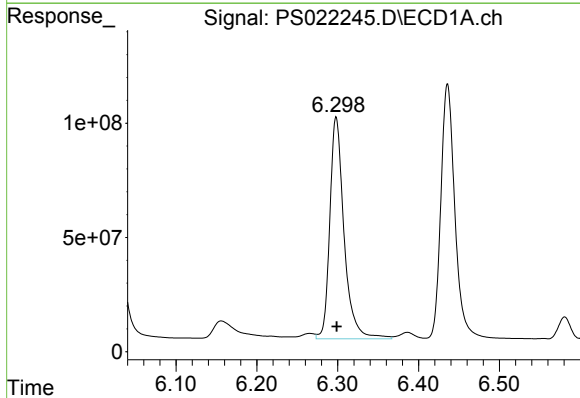
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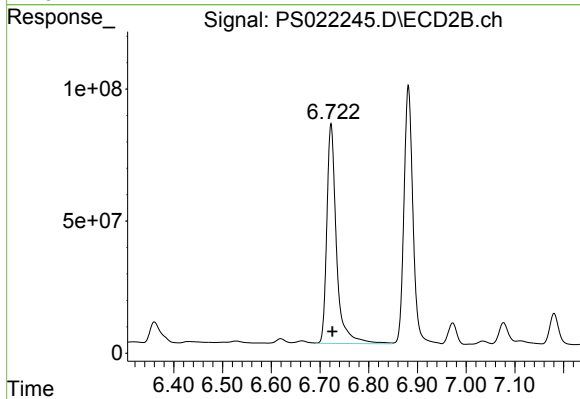
#3 4-Nitrophenol

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 120453034
Conc: 90.19 ng/ml



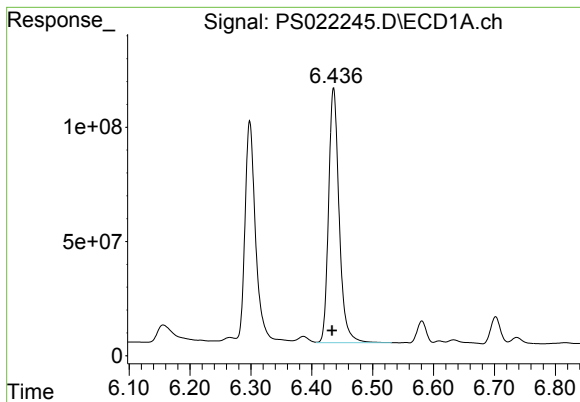
#4 2,4-DCAA

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 1190426507
Conc: 480.26 ng/ml



#4 2,4-DCAA

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 1149159934
Conc: 547.49 ng/ml



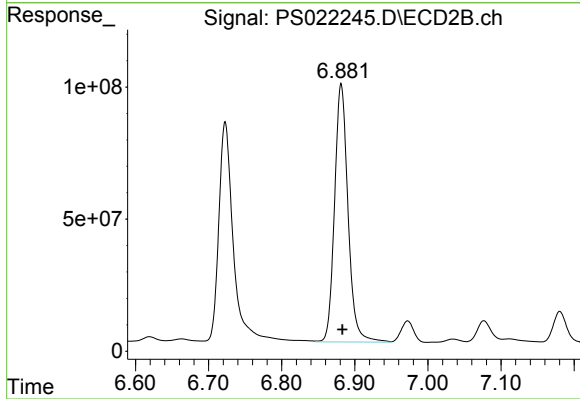
#5 DICAMBA

R.T.: 6.436 min
Delta R.T.: 0.002 min
Response: 1340903670
Conc: 129.22 ng/ml

Instrument :
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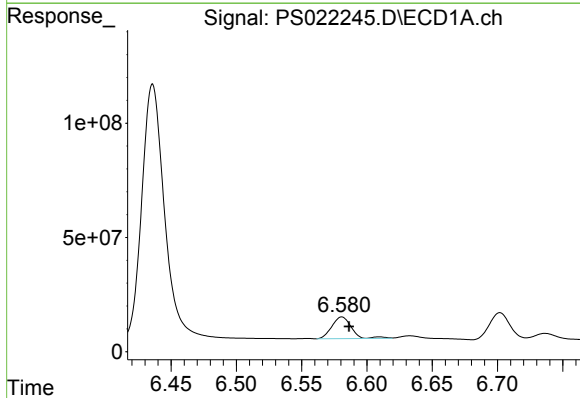
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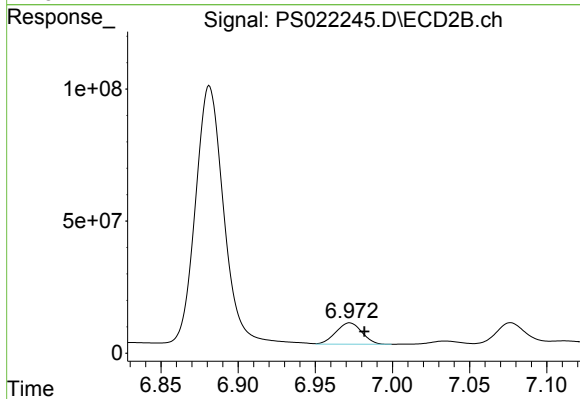
#5 DICAMBA

R.T.: 6.881 min
Delta R.T.: -0.002 min
Response: 1250196176
Conc: 129.37 ng/ml



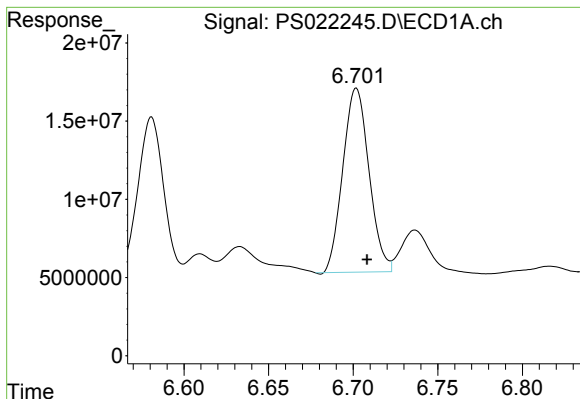
#6 MCP

R.T.: 6.581 min
Delta R.T.: -0.005 min
Response: 99824839
Conc: 13.08 ug/ml



#6 MCP

R.T.: 6.972 min
Delta R.T.: -0.009 min
Response: 94735664
Conc: 12.41 ug/ml



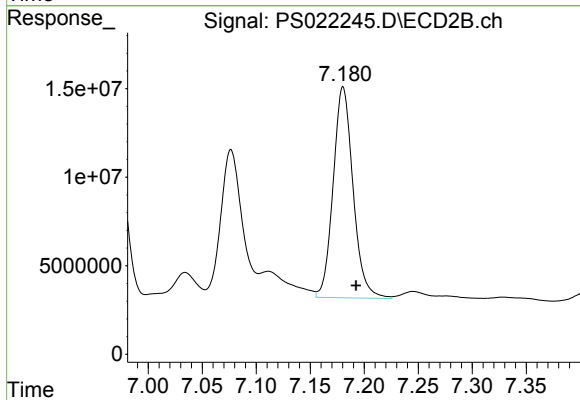
#7 MCPA

R.T.: 6.702 min
Delta R.T.: -0.006 min
Response: 126788283
Conc: 12.17 ug/ml

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

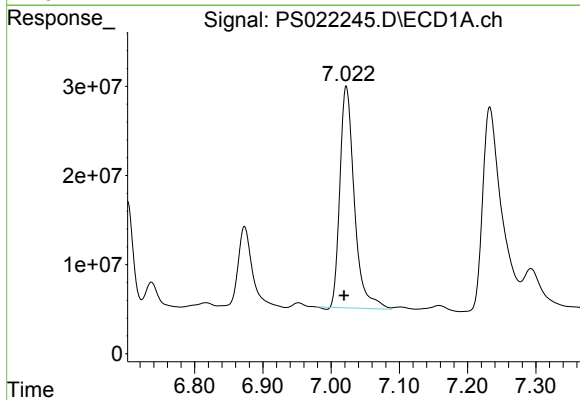
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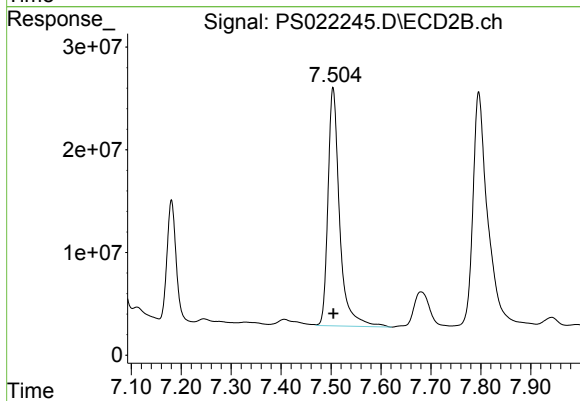
#7 MCPA

R.T.: 7.180 min
Delta R.T.: -0.012 min
Response: 153041104
Conc: 15.01 ug/ml



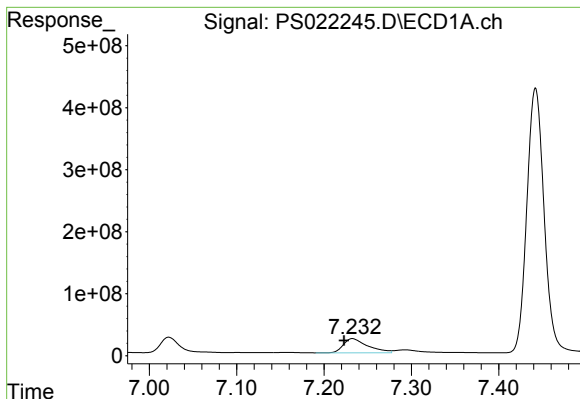
#8 DICHLORPROP

R.T.: 7.022 min
Delta R.T.: 0.004 min
Response: 365768604
Conc: 135.44 ng/ml



#8 DICHLORPROP

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 375859333
Conc: 152.89 ng/ml



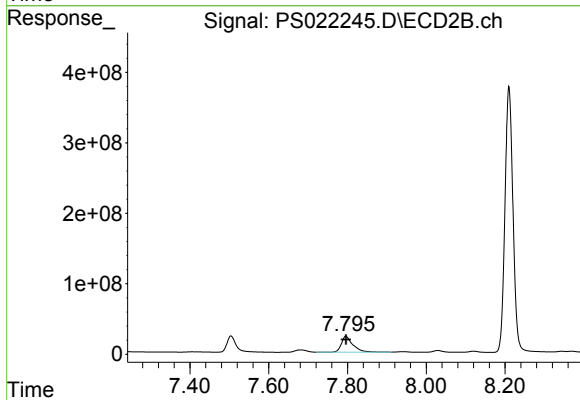
#9 2,4-D

R.T.: 7.233 min
Delta R.T.: 0.010 min
Response: 445452391
Conc: 135.86 ng/ml

Instrument :
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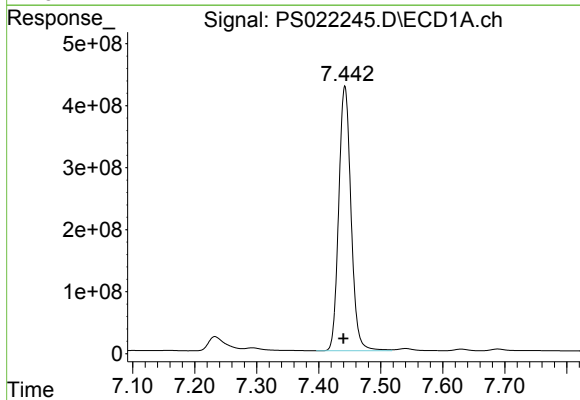
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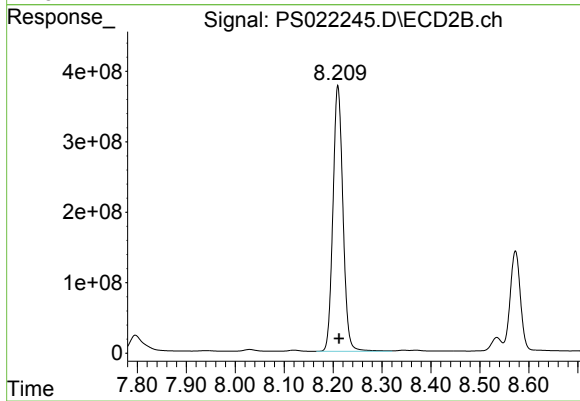
#9 2,4-D

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 458240057
Conc: 158.25 ng/ml



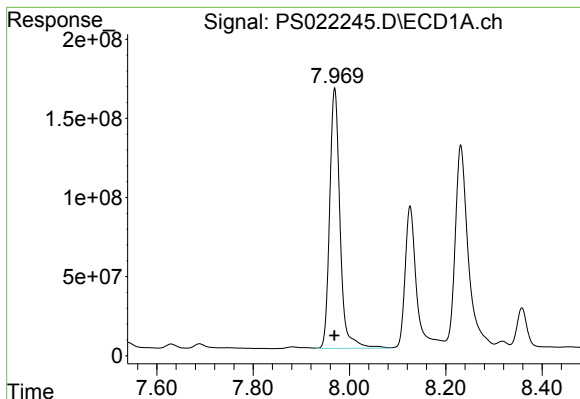
#10 Pentachlorophenol

R.T.: 7.442 min
Delta R.T.: 0.002 min
Response: 5876657671
Conc: 163.23 ng/ml



#10 Pentachlorophenol

R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 5357290576
Conc: 165.34 ng/ml



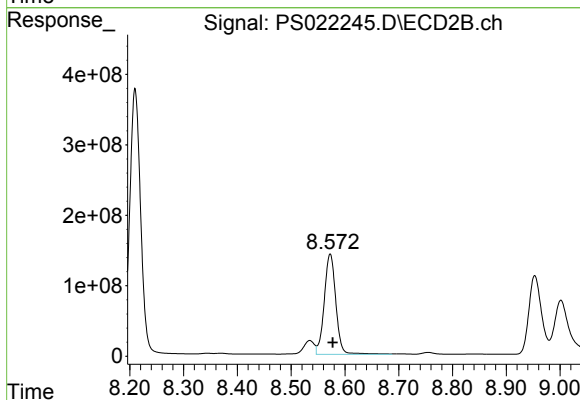
#11 2,4,5-TP (SILVEX)

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 2460111665
Conc: 159.51 ng/ml

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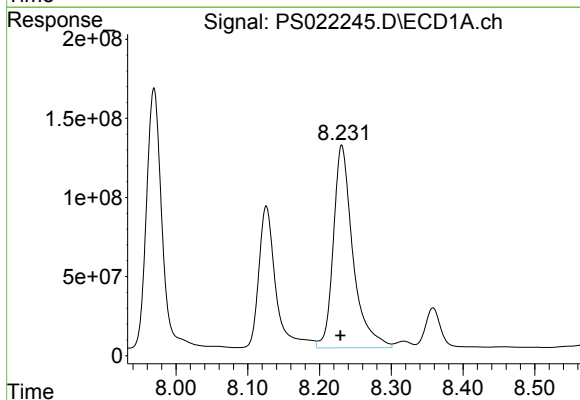
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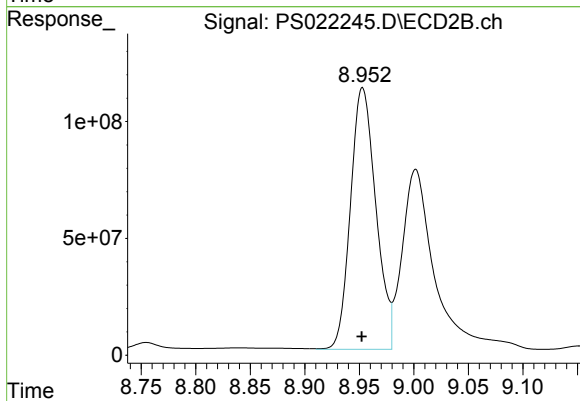
#11 2,4,5-TP (SILVEX)

R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: 2145501000
Conc: 159.50 ng/ml



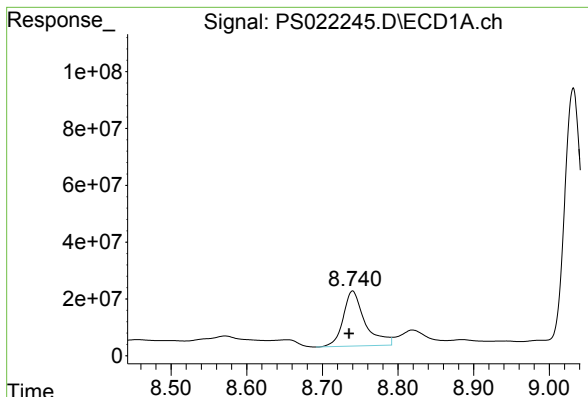
#12 2,4,5-T

R.T.: 8.231 min
Delta R.T.: 0.002 min
Response: 2420947250
Conc: 139.54 ng/ml



#12 2,4,5-T

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 1813298610
Conc: 150.77 ng/ml



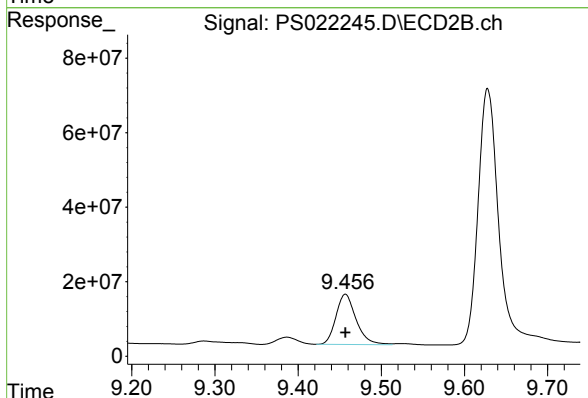
#13 2,4-DB

R.T.: 8.740 min
Delta R.T.: 0.005 min
Response: 389421648
Conc: 143.65 ng/ml

Instrument :
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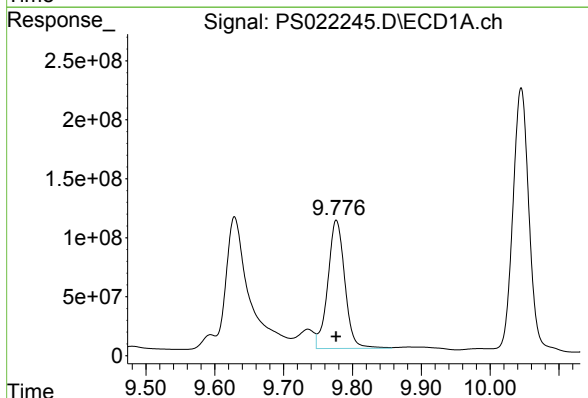
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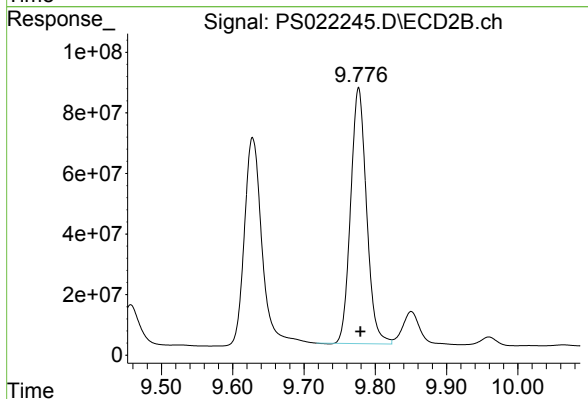
#13 2,4-DB

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 226658747
Conc: 136.52 ng/ml



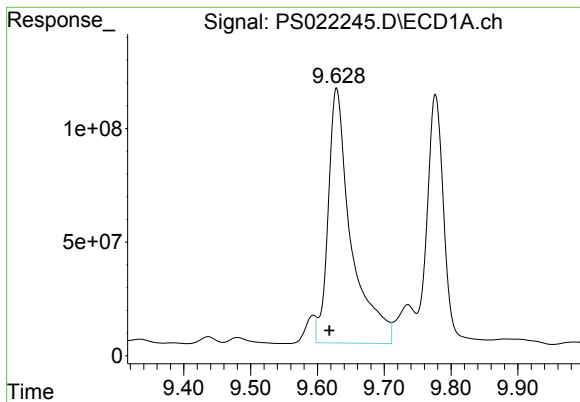
#14 DINOSEB

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 1867177445
Conc: 135.86 ng/ml



#14 DINOSEB

R.T.: 9.777 min
Delta R.T.: -0.002 min
Response: 1309873392
Conc: 137.29 ng/ml



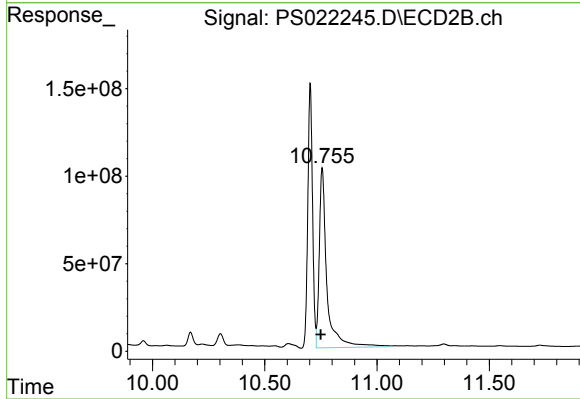
#15 Picloram

R.T.: 9.628 min
Delta R.T.: 0.010 min
Response: 2677647680
Conc: 108.70 ng/ml

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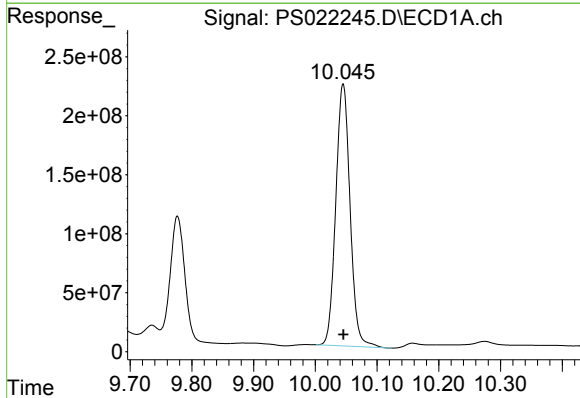
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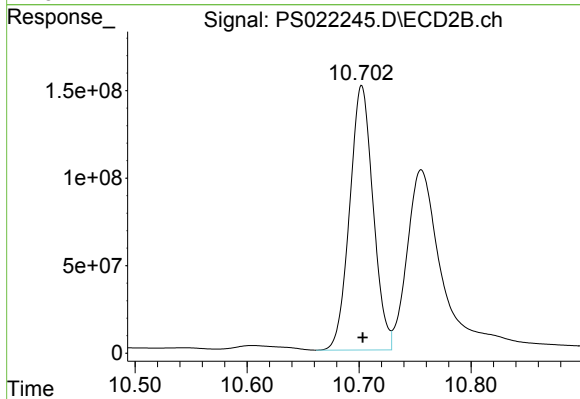
#15 Picloram

R.T.: 10.756 min
Delta R.T.: 0.006 min
Response: 2444456104
Conc: 124.68 ng/ml



#16 DCPA

R.T.: 10.045 min
Delta R.T.: 0.000 min
Response: 3571821484
Conc: 167.70 ng/ml



#16 DCPA

R.T.: 10.702 min
Delta R.T.: 0.000 min
Response: 2197518721
Conc: 140.46 ng/ml