

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031723\
 Data File : PS022410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2023 18:24
 Operator : AR\AJ
 Sample : 01908-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HILLBOR-DRUMS-0314MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/20/2023
 Supervised By : Ankita Jodhani 03/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 22:19:30 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	6.296	6.719	1345.4E6	1158.7E6	542.799	552.051m
Target Compounds							
1) T	Dalapon	2.411	2.484	825.0E6	1372.3E6	260.236m	426.169m#
2) T	3,5-DICHL...	5.678	5.922	1786.1E6	1527.9E6	480.478	494.081
3) T	4-Nitroph...	6.139	6.346	674.2E6	580.0E6	529.784	434.246
5) T	DICAMBA	6.432	6.877	4575.6E6	4274.6E6	440.957	442.324
6) T	MCPD	6.583	6.973	341.0E6	334.3E6	44.697m	43.782
7) T	MCPA	6.704	7.183	437.8E6	480.3E6	42.039	47.119
8) T	DICHLORPROP	7.016	7.498	1130.4E6	1155.3E6	418.588	469.942
9) T	2,4-D	7.218	7.788	1437.9E6	1470.5E6	438.564	507.833
10) T	Pentachlo...	7.438	8.207	15111.4E6	13561.5E6	419.729	418.544
11) T	2,4,5-TP ...	7.965	8.570	6546.9E6	5848.3E6	424.503	434.780
12) T	2,4,5-T	8.223	8.946	7040.8E6	5698.0E6	405.829	473.764
13) T	2,4-DB	8.730	9.450	1072.4E6	646.7E6	395.575	389.521m
14) T	DINOSEB	9.773	9.774	899.1E6	518.0E6	65.426	54.293
15) T	Picloram	9.611	10.743	10730.8E6	8205.3E6	435.609	418.508
16) T	DCPA	10.040	10.698	11245.8E6	7737.5E6	528.009	494.573

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

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Acq On : 17 Mar 2023 18:24
Operator : AR\AJ
Sample : 01908-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

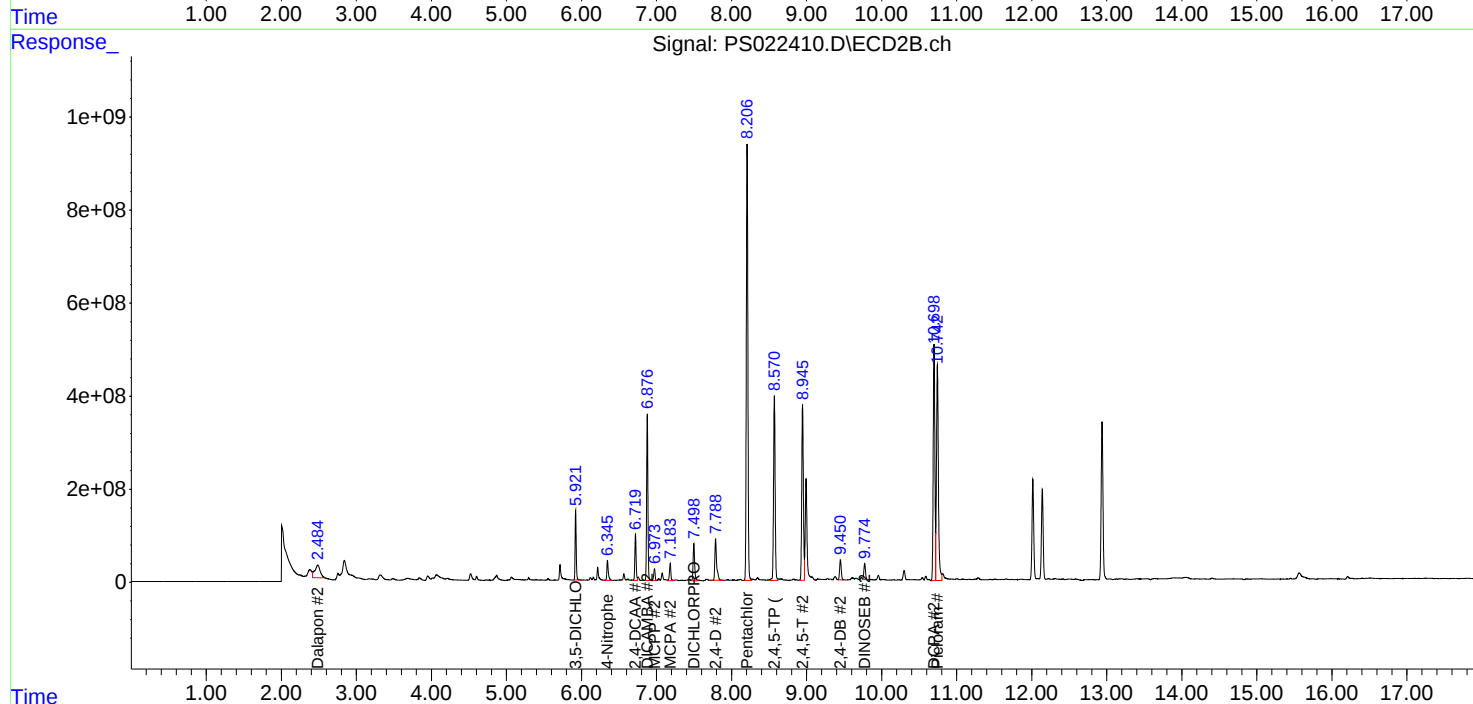
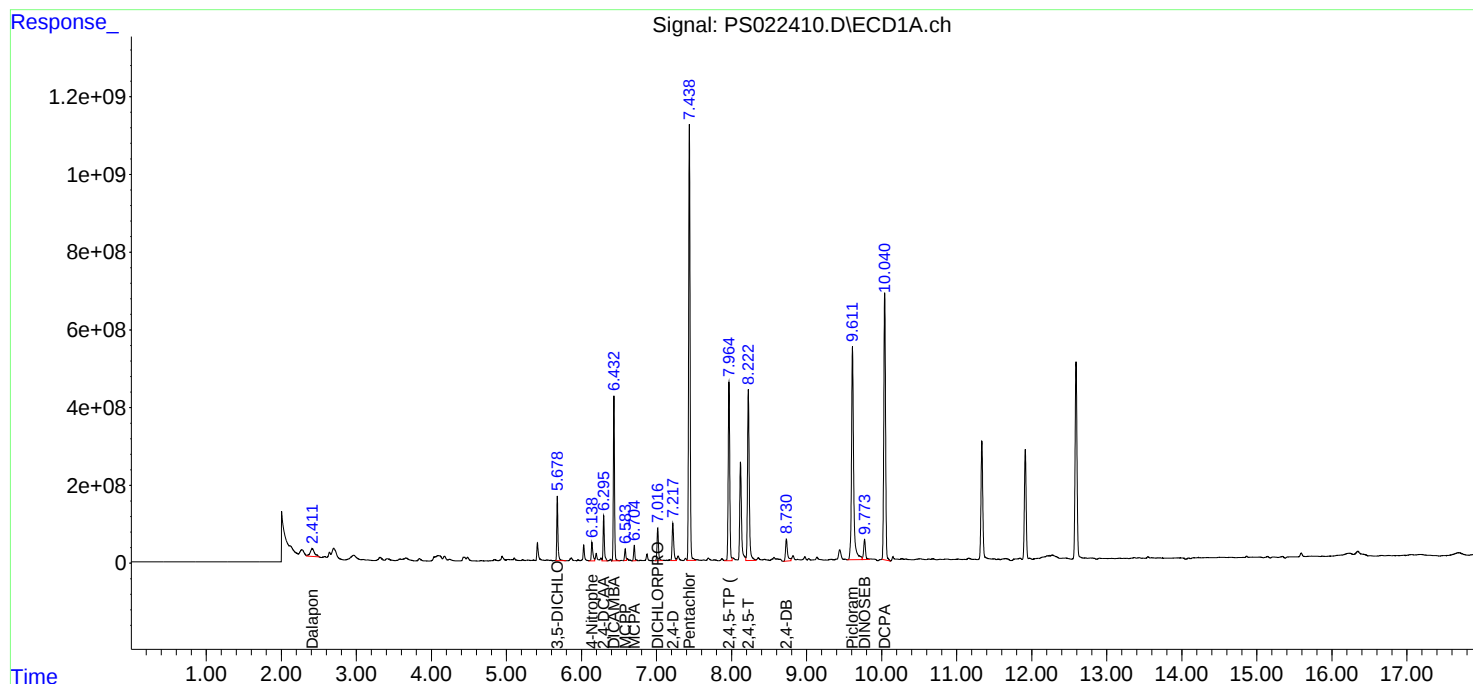
Instrument :
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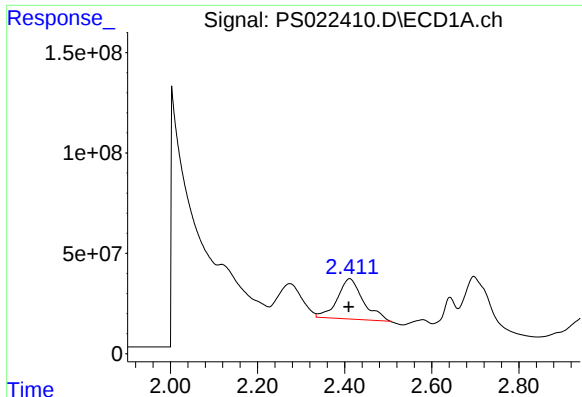
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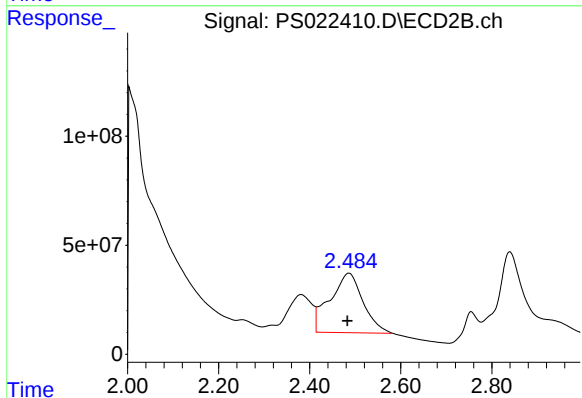
#1 Dalapon

R.T.: 2.411 min
Delta R.T.: 0.002 min
Response: 825019882
Conc: 260.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
HILLBOR-DRUMS-0314MS

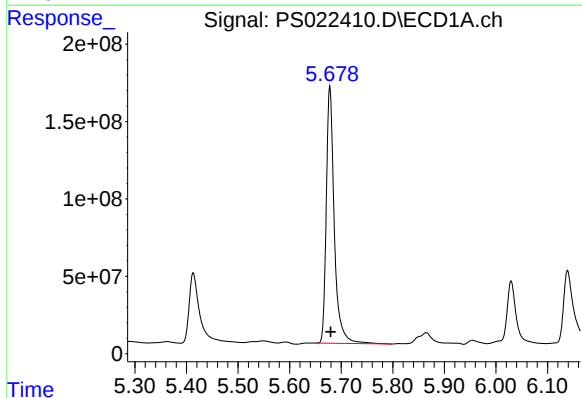
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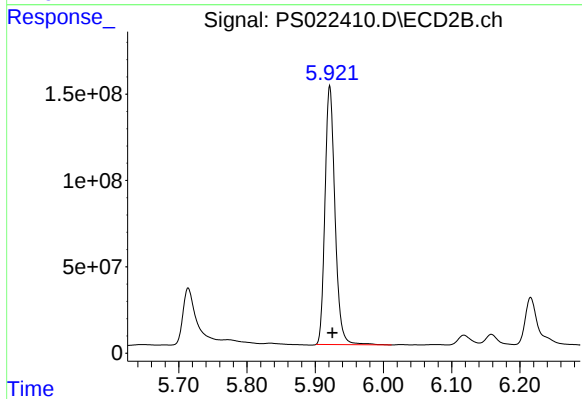
#1 Dalapon

R.T.: 2.484 min
Delta R.T.: 0.001 min
Response: 1372328442
Conc: 426.17 ng/ml m



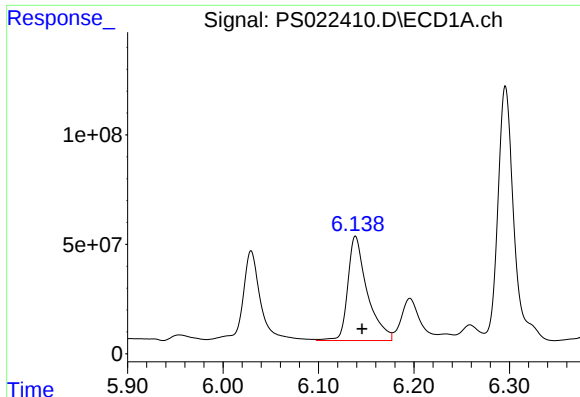
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 1786128538
Conc: 480.48 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 1527859231
Conc: 494.08 ng/ml



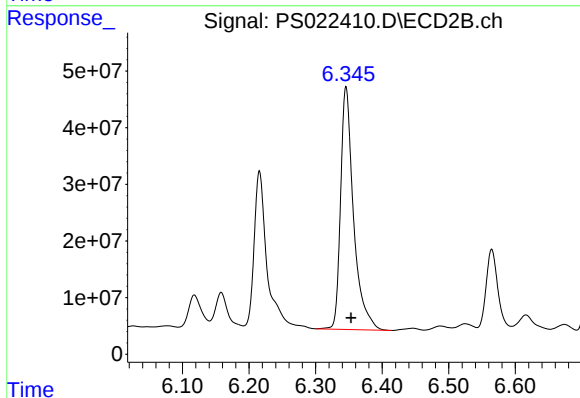
#3 4-Nitrophenol

R.T.: 6.139 min
Delta R.T.: -0.007 min
Response: 674160586
Conc: 529.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HILLBOR-DRUMS-0314MS

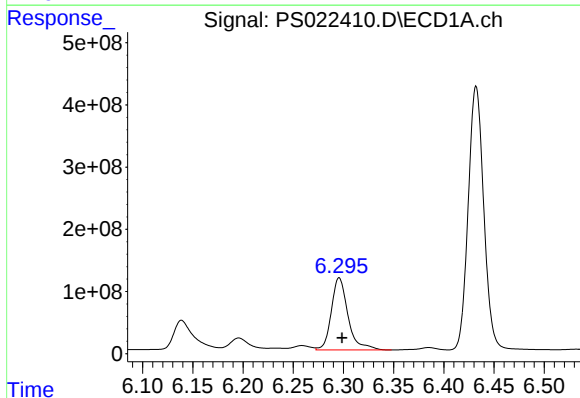
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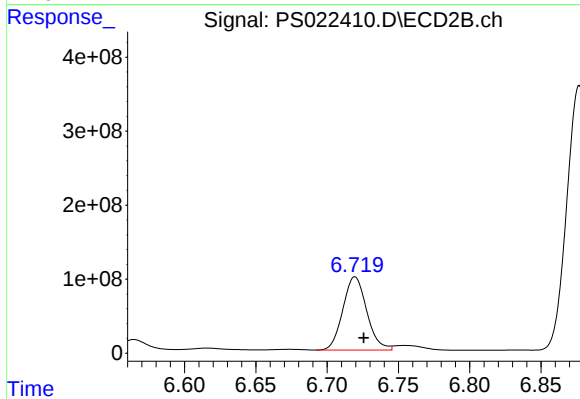
#3 4-Nitrophenol

R.T.: 6.346 min
Delta R.T.: -0.007 min
Response: 579952599
Conc: 434.25 ng/ml



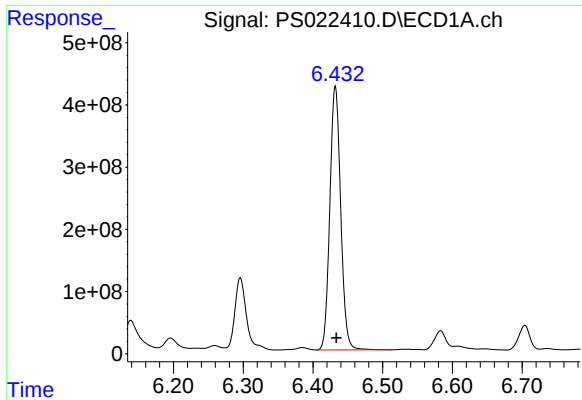
#4 2,4-DCAA

R.T.: 6.296 min
Delta R.T.: -0.003 min
Response: 1345430534
Conc: 542.80 ng/ml



#4 2,4-DCAA

R.T.: 6.719 min
Delta R.T.: -0.007 min
Response: 1158734961
Conc: 552.05 ng/ml m



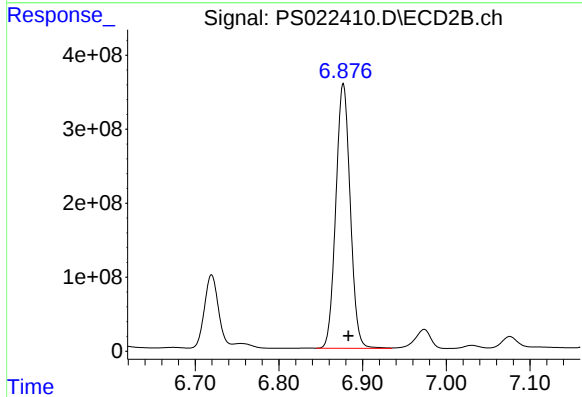
#5 DICAMBA

R.T.: 6.432 min
Delta R.T.: -0.001 min
Response: 4575625020
Conc: 440.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HILLBOR-DRUMS-0314MS

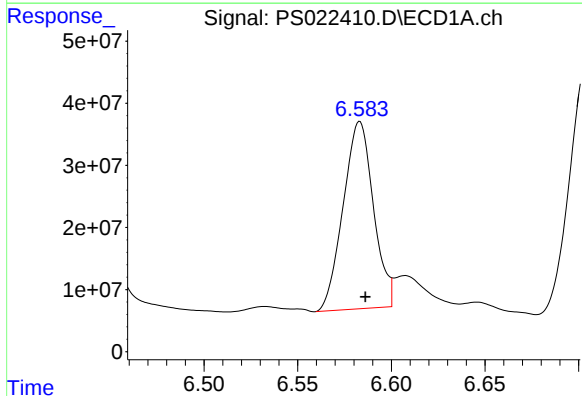
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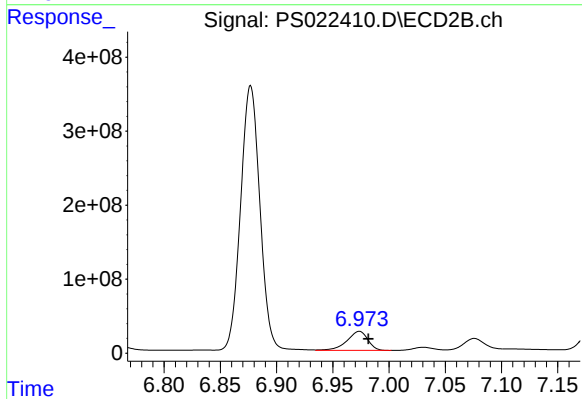
#5 DICAMBA

R.T.: 6.877 min
Delta R.T.: -0.006 min
Response: 4274606331
Conc: 442.32 ng/ml



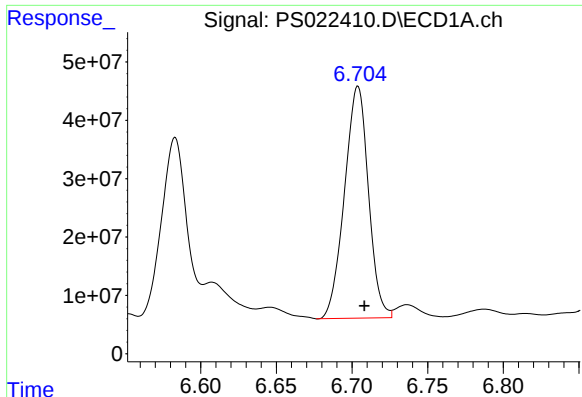
#6 MCP

R.T.: 6.583 min
Delta R.T.: -0.003 min
Response: 341049243
Conc: 44.70 ug/ml m



#6 MCP

R.T.: 6.973 min
Delta R.T.: -0.008 min
Response: 334257936
Conc: 43.78 ug/ml



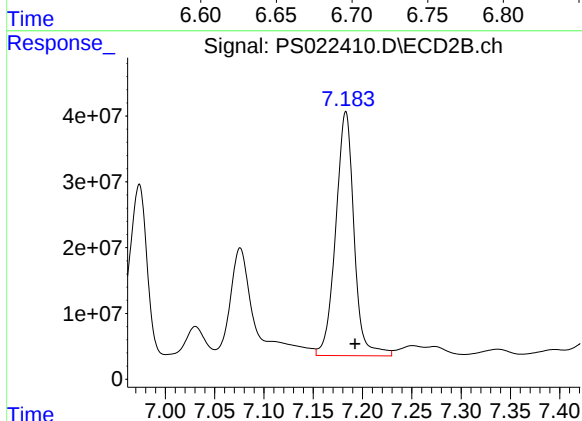
#7 MCPA

R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 437801717
Conc: 42.04 ug/ml

Instrument :
ECD_S
ClientSampleId :
HILLBOR-DRUMS-0314MS

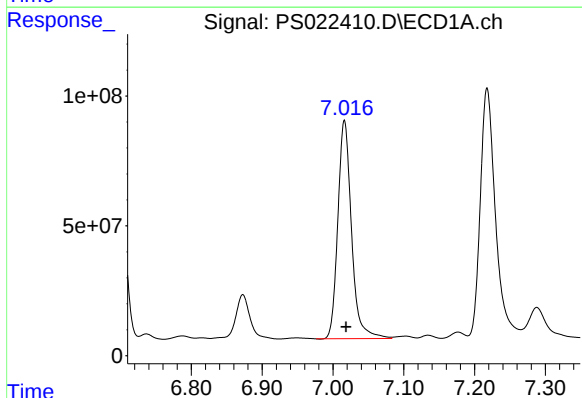
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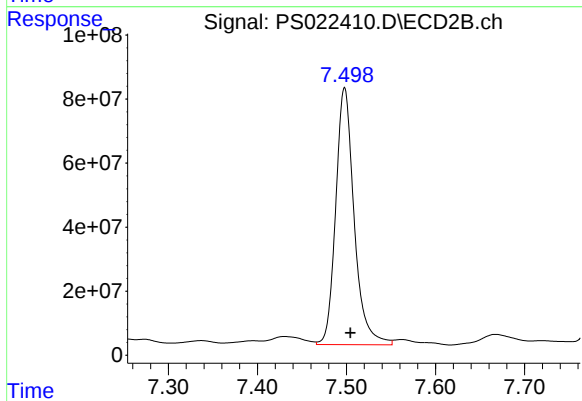
#7 MCPA

R.T.: 7.183 min
Delta R.T.: -0.010 min
Response: 480263588
Conc: 47.12 ug/ml



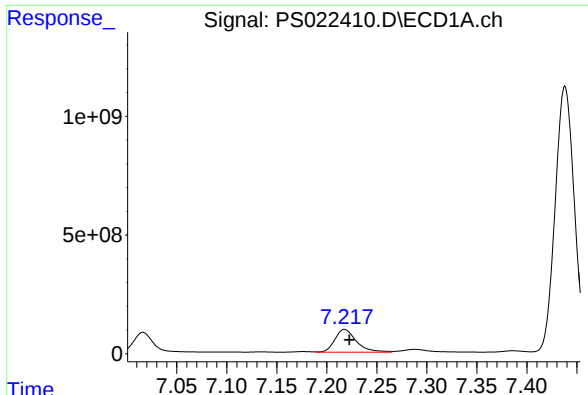
#8 DICHLORPROP

R.T.: 7.016 min
Delta R.T.: -0.003 min
Response: 1130447008
Conc: 418.59 ng/ml



#8 DICHLORPROP

R.T.: 7.498 min
Delta R.T.: -0.006 min
Response: 1155318411
Conc: 469.94 ng/ml



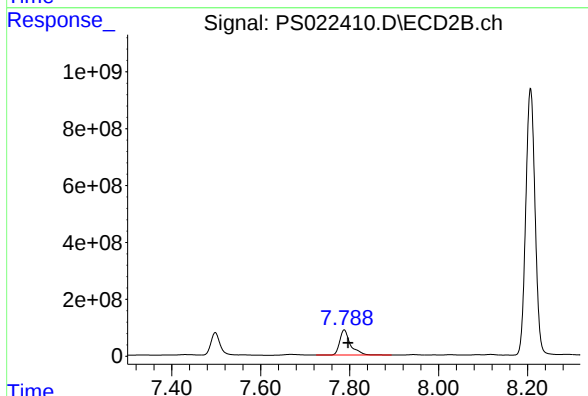
#9 2,4-D

R.T.: 7.218 min
Delta R.T.: -0.005 min
Response: 1437932020
Conc: 438.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HILLBOR-DRUMS-0314MS

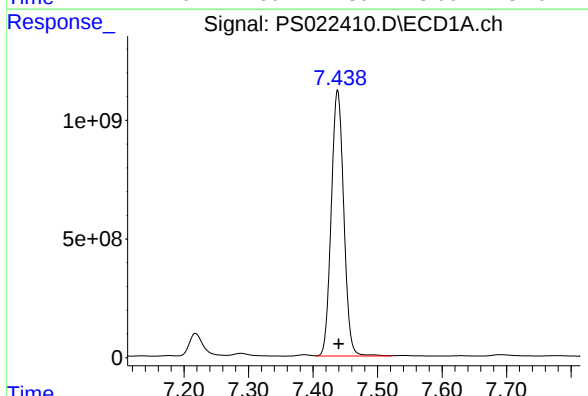
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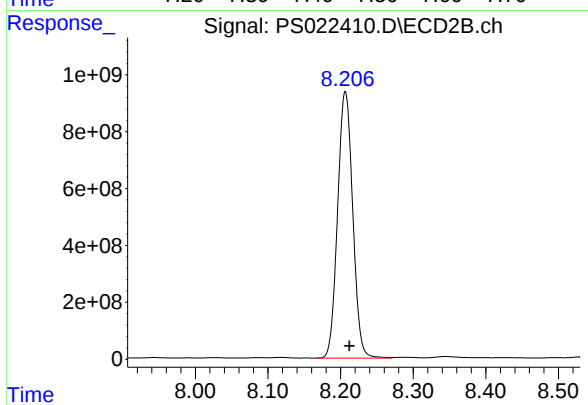
#9 2,4-D

R.T.: 7.788 min
Delta R.T.: -0.008 min
Response: 1470541468
Conc: 507.83 ng/ml



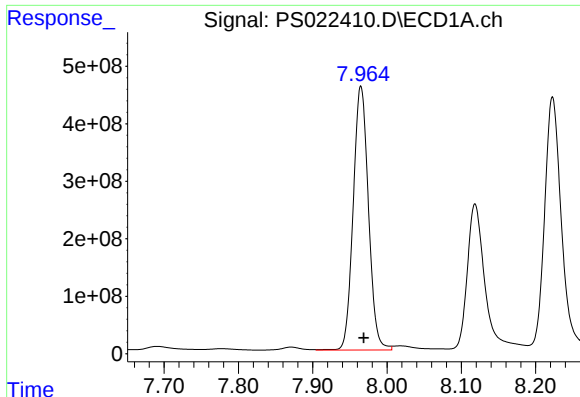
#10 Pentachlorophenol

R.T.: 7.438 min
Delta R.T.: -0.002 min
Response: 15111449612
Conc: 419.73 ng/ml



#10 Pentachlorophenol

R.T.: 8.207 min
Delta R.T.: -0.006 min
Response: 13561547705
Conc: 418.54 ng/ml



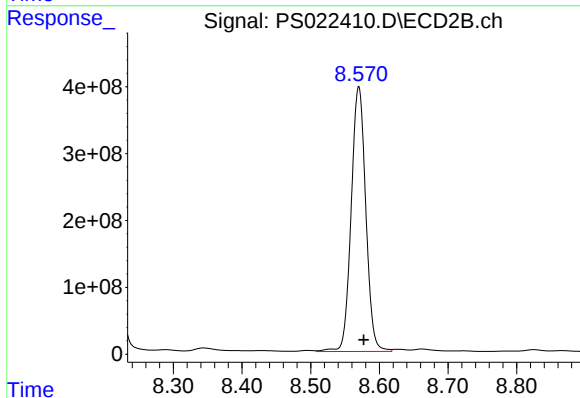
#11 2,4,5-TP (SILVEX)

R.T.: 7.965 min
Delta R.T.: -0.004 min
Response: 6546877310
Conc: 424.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HILLBOR-DRUMS-0314MS

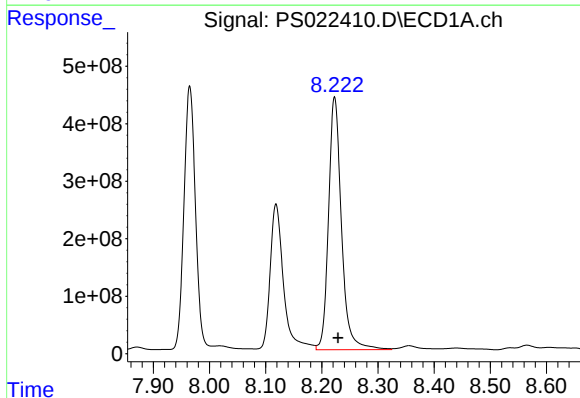
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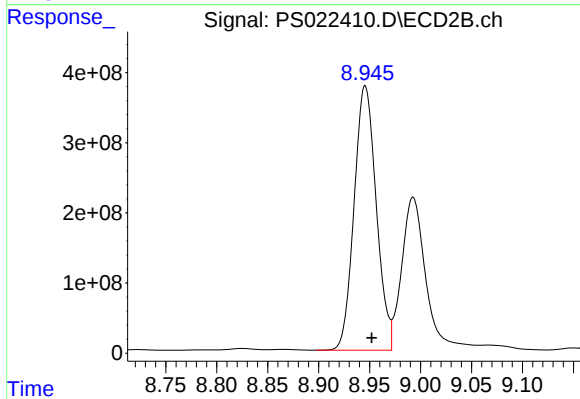
#11 2,4,5-TP (SILVEX)

R.T.: 8.570 min
Delta R.T.: -0.007 min
Response: 5848270816
Conc: 434.78 ng/ml



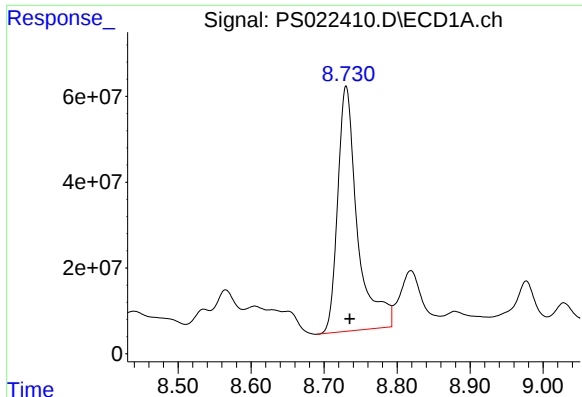
#12 2,4,5-T

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 7040755091
Conc: 405.83 ng/ml



#12 2,4,5-T

R.T.: 8.946 min
Delta R.T.: -0.006 min
Response: 5697984364
Conc: 473.76 ng/ml



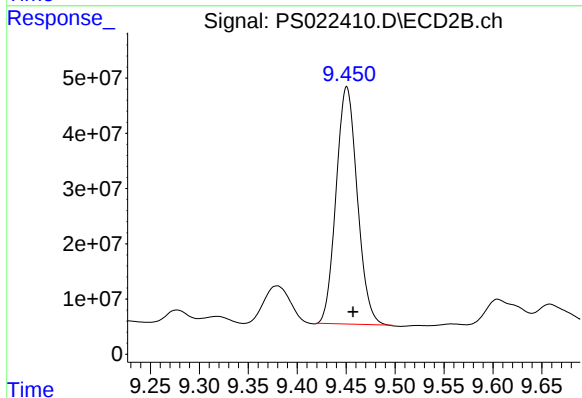
#13 2,4-DB

R.T.: 8.730 min
Delta R.T.: -0.005 min
Response: 1072375807
Conc: 395.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
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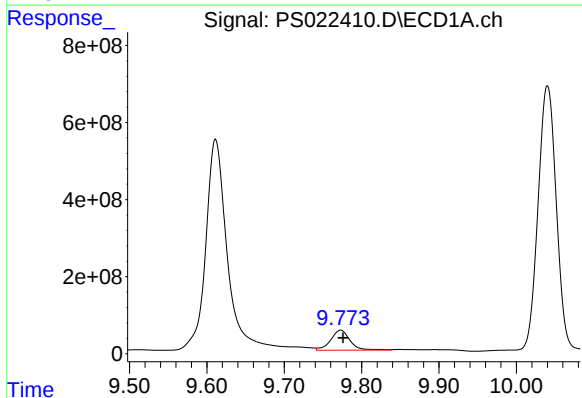
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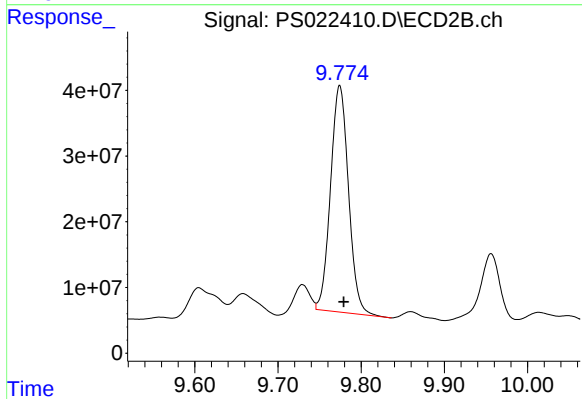
#13 2,4-DB

R.T.: 9.450 min
Delta R.T.: -0.007 min
Response: 646707319
Conc: 389.52 ng/ml m



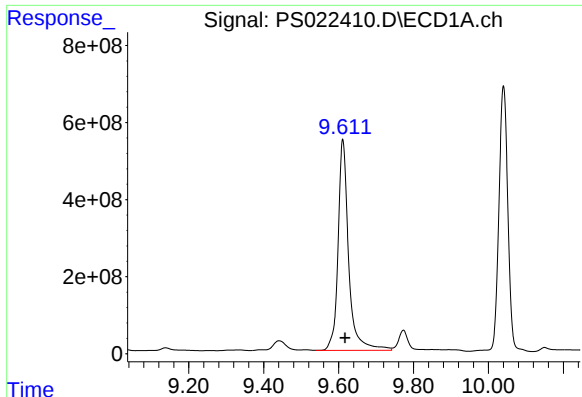
#14 DINOSEB

R.T.: 9.773 min
Delta R.T.: -0.003 min
Response: 899148585
Conc: 65.43 ng/ml



#14 DINOSEB

R.T.: 9.774 min
Delta R.T.: -0.005 min
Response: 518004660
Conc: 54.29 ng/ml



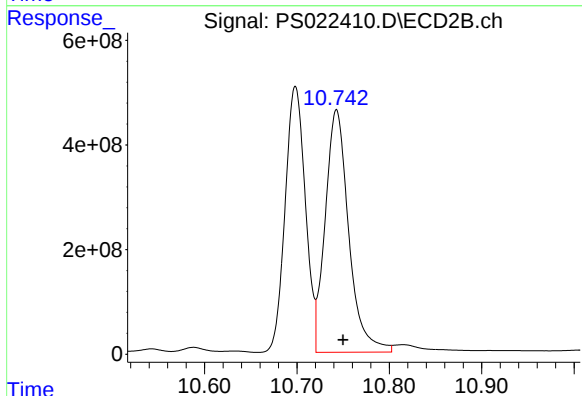
#15 Picloram

R.T.: 9.611 min
Delta R.T.: -0.006 min
Response: 10730787925
Conc: 435.61 ng/ml

Instrument :
ECD_S
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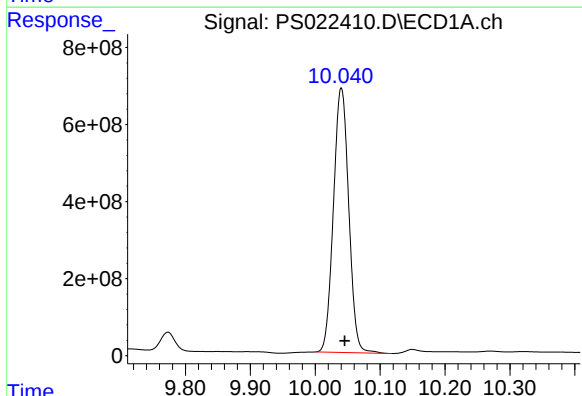
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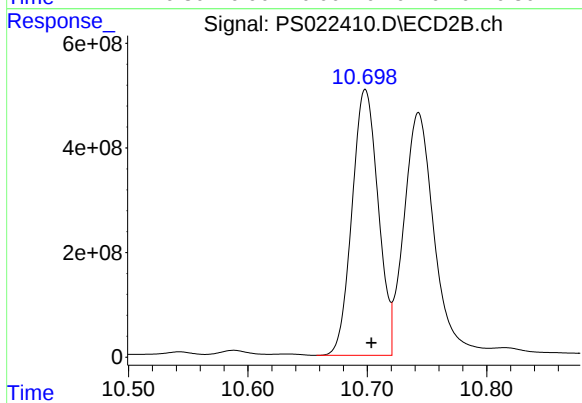
#15 Picloram

R.T.: 10.743 min
Delta R.T.: -0.007 min
Response: 8205256889
Conc: 418.51 ng/ml



#16 DCPA

R.T.: 10.040 min
Delta R.T.: -0.005 min
Response: 11245812289
Conc: 528.01 ng/ml



#16 DCPA

R.T.: 10.698 min
Delta R.T.: -0.005 min
Response: 7737521862
Conc: 494.57 ng/ml