

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032025\
 Data File : PS029482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2025 17:21
 Operator : AR\AJ
 Sample : Q1502-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PT-HERB-WP

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 03/21/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 04:55:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032025.M
 Quant Title : 8080.M
 QLast Update : Fri Mar 21 04:46:07 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	7.148	7.583	2186.7E6	415.1E6	528.449	477.426
Target Compounds							
1) T	Dalapon	2.589	2.634	2749.1E6	958.7E6	490.080m	475.028m
2) T	3,5-DICHL...	6.332	6.565	4373.4E6	915.6E6	751.656	686.772
3) T	4-Nitroph...	6.952	7.121	579.8E6	181.9E6	307.480	252.674
5) T	DICAMBA	7.329	7.773	10938.3E6	3054.6E6	609.962	595.961
8) T	DICHLORPROP	8.029	8.478	988.3E6	231.2E6	214.031	191.015
9) T	2,4-D	8.258	8.799	3208.9E6	798.8E6	709.366	665.234
10) T	Pentachlo...	8.553	9.311	44826.5E6	16220.7E6	798.737	699.397
11) T	2,4,5-TP ...	9.122	9.686	15224.4E6	5212.1E6	616.182	580.136
12) T	2,4,5-T	9.412	10.099	17239.2E6	5212.0E6	692.116	668.674
13) T	2,4-DB	9.982	10.659	1895.4E6	432.2E6	518.514m	574.305
14) T	DINOSEB	11.173	11.033	4933.3E6	1407.8E6	283.409	243.914
15) T	Picloram	10.992	12.100	14668.7E6	5058.6E6	486.935	445.734
16) T	DCPA	11.464	12.059	11636.8E6	6274.6E6	388.466m	524.793m#

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

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Acq On : 20 Mar 2025 17:21
Operator : AR\AJ
Sample : Q1502-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

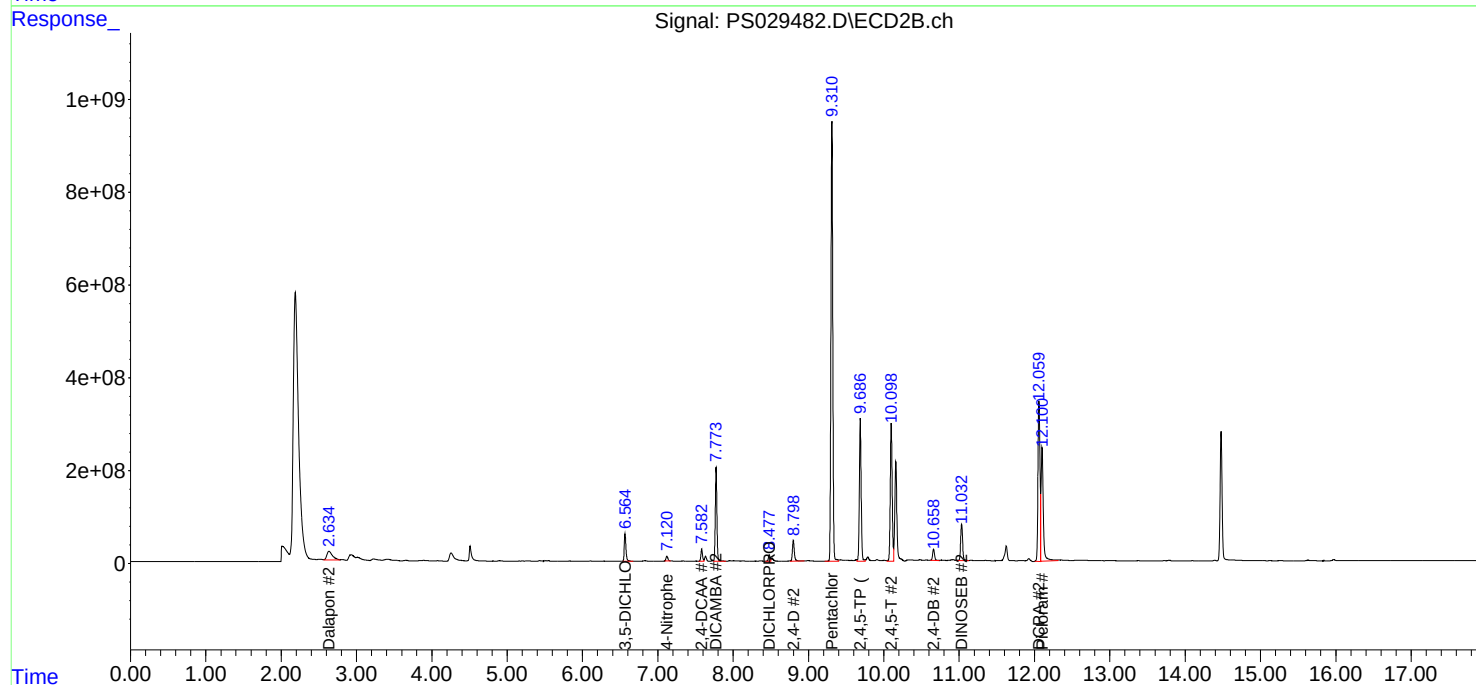
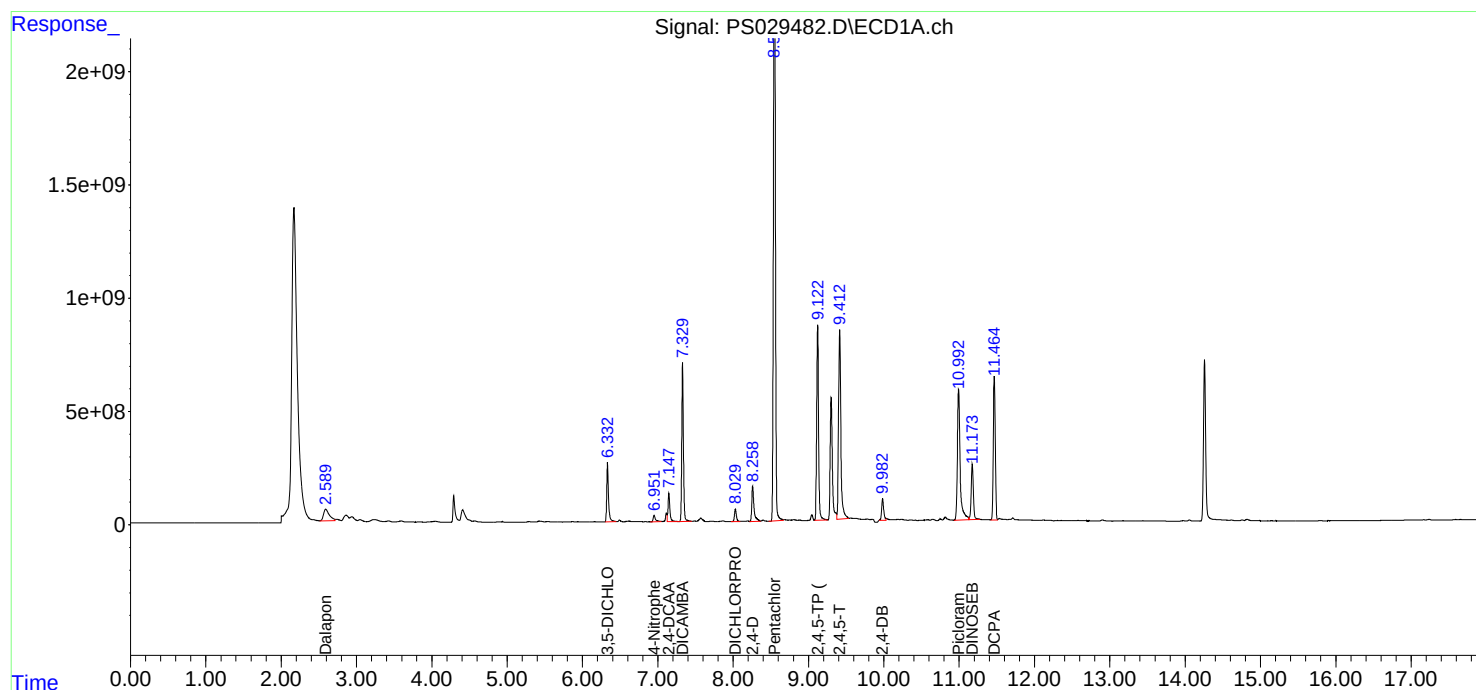
Instrument :
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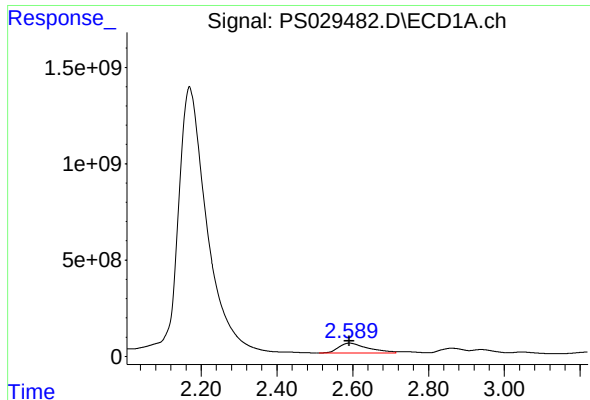
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Integration File signal 1: autoint1.e
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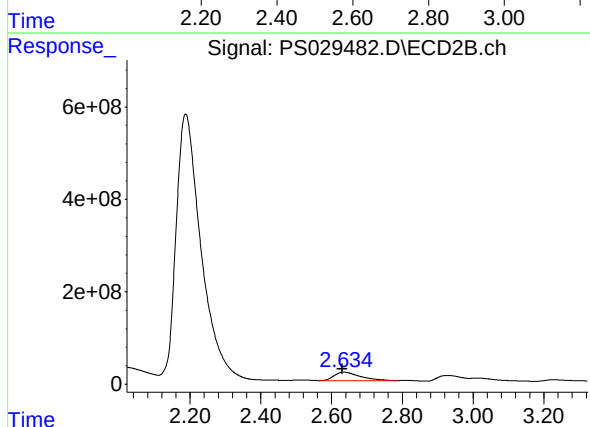
#1 Dalapon

R.T.: 2.589 min
Delta R.T.: -0.002 min
Response: 2749097971
Conc: 490.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

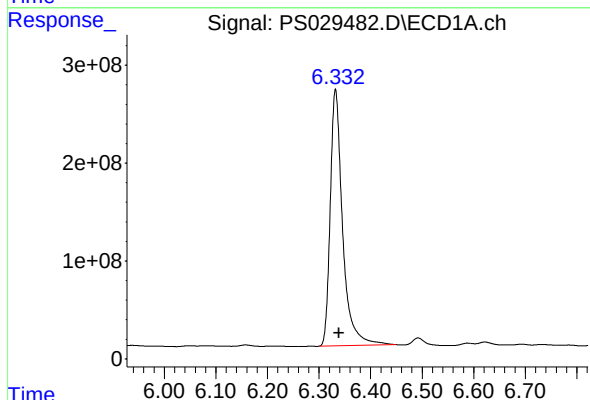
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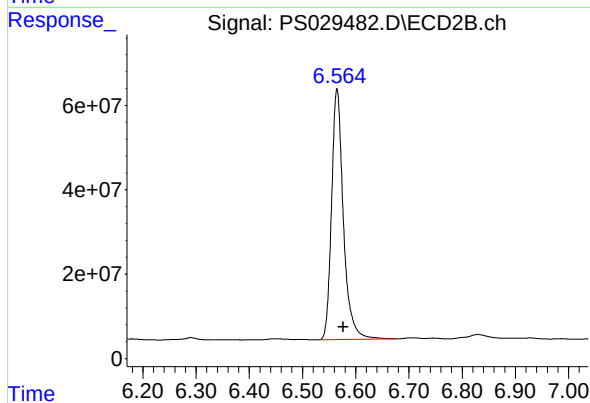
#1 Dalapon

R.T.: 2.634 min
Delta R.T.: 0.002 min
Response: 958731367
Conc: 475.03 ng/ml



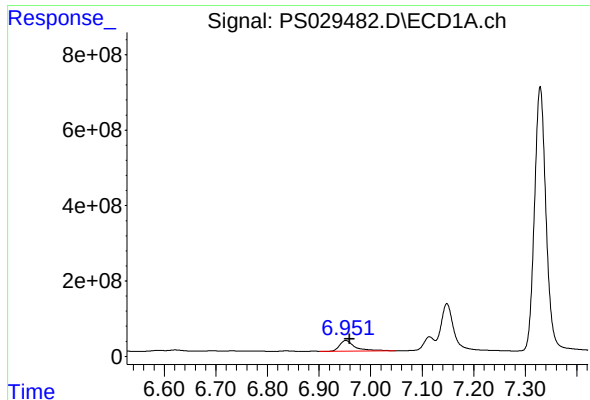
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 4373443434
Conc: 751.66 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.565 min
Delta R.T.: -0.012 min
Response: 915553079
Conc: 686.77 ng/ml



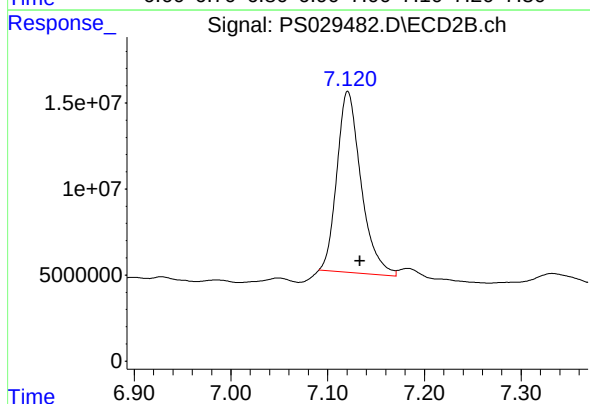
#3 4-Nitrophenol

R.T.: 6.952 min
Delta R.T.: -0.007 min
Response: 579848311
Conc: 307.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

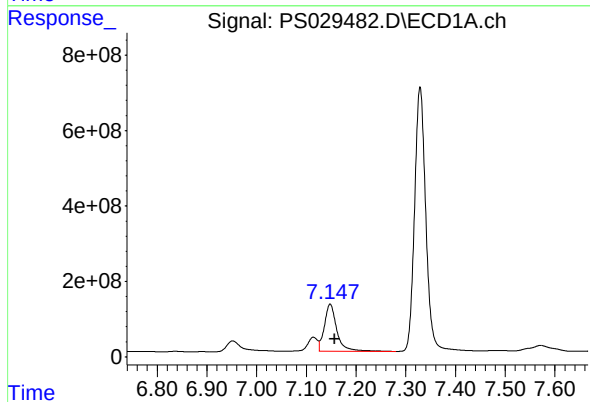
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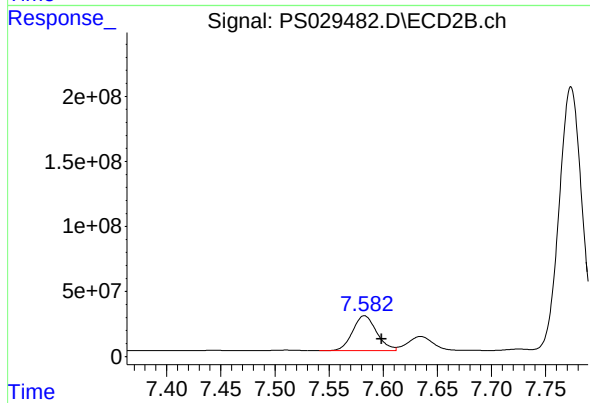
#3 4-Nitrophenol

R.T.: 7.121 min
Delta R.T.: -0.012 min
Response: 181891580
Conc: 252.67 ng/ml



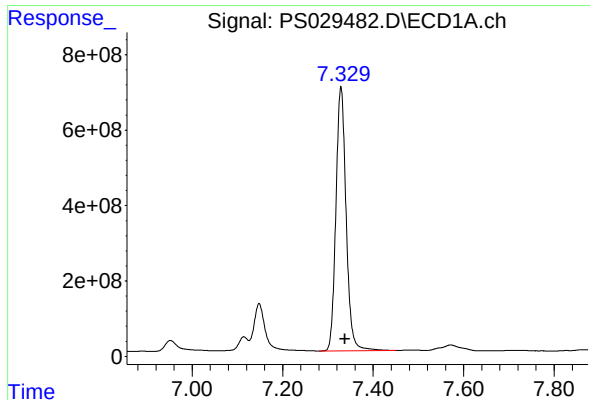
#4 2,4-DCAA

R.T.: 7.148 min
Delta R.T.: -0.009 min
Response: 2186734720
Conc: 528.45 ng/ml



#4 2,4-DCAA

R.T.: 7.583 min
Delta R.T.: -0.016 min
Response: 415116940
Conc: 477.43 ng/ml



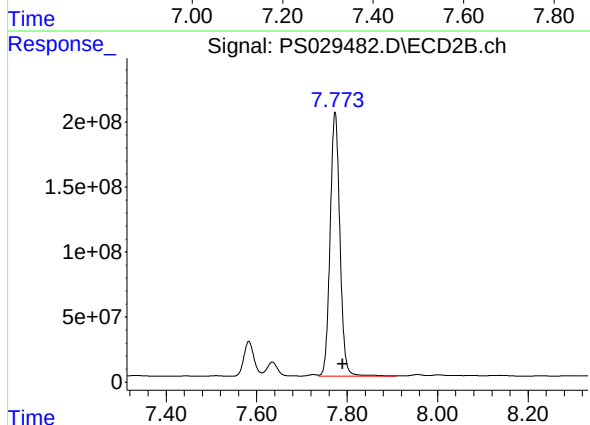
#5 DICAMBA

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 10938312650
Conc: 609.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

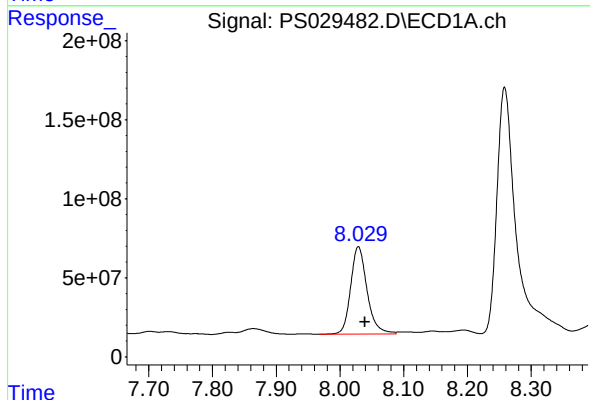
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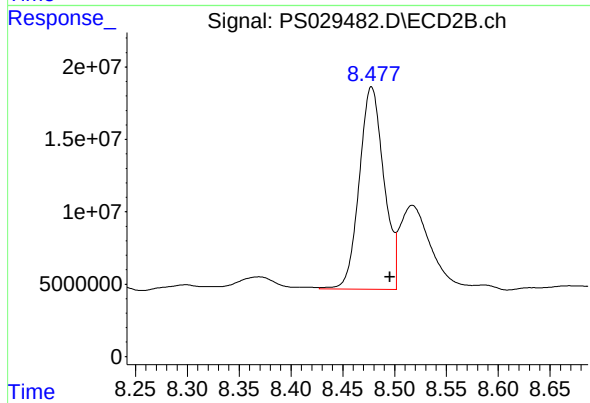
#5 DICAMBA

R.T.: 7.773 min
Delta R.T.: -0.017 min
Response: 3054620553
Conc: 595.96 ng/ml



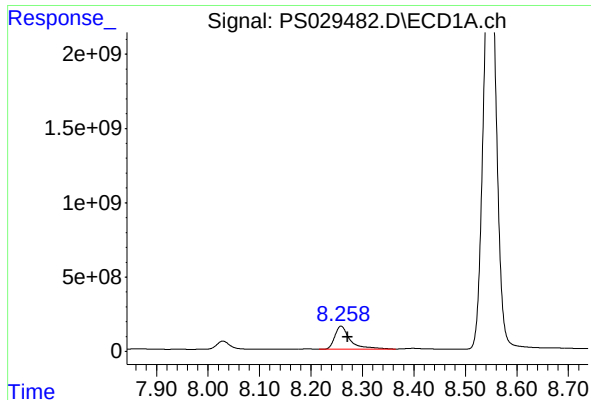
#8 DICHLORPROP

R.T.: 8.029 min
Delta R.T.: -0.010 min
Response: 988314032
Conc: 214.03 ng/ml



#8 DICHLORPROP

R.T.: 8.478 min
Delta R.T.: -0.018 min
Response: 231182255
Conc: 191.02 ng/ml



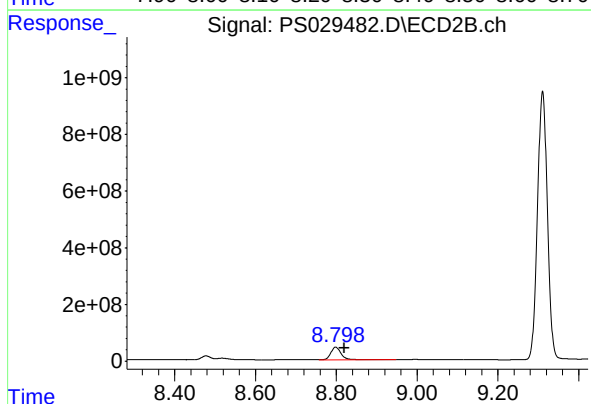
#9 2,4-D

R.T.: 8.258 min
Delta R.T.: -0.013 min
Response: 3208870863
Conc: 709.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

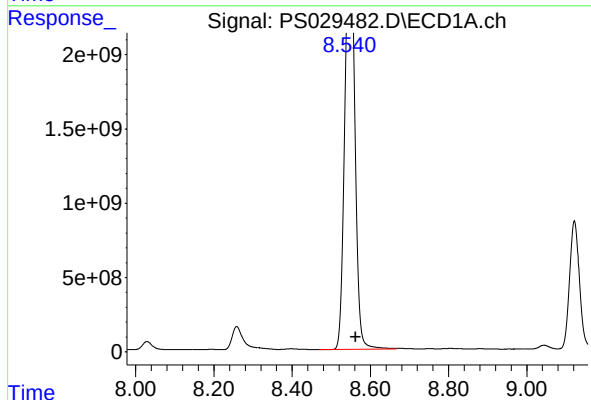
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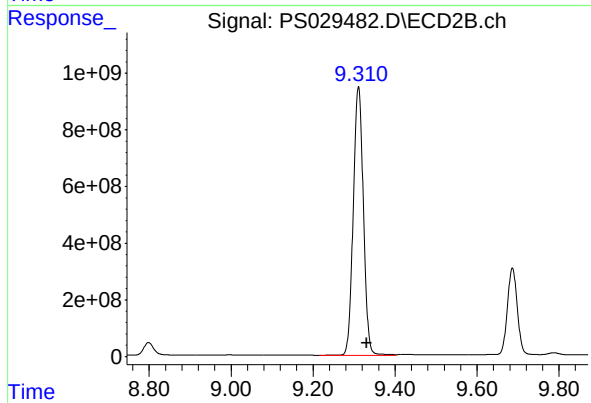
#9 2,4-D

R.T.: 8.799 min
Delta R.T.: -0.021 min
Response: 798788116
Conc: 665.23 ng/ml



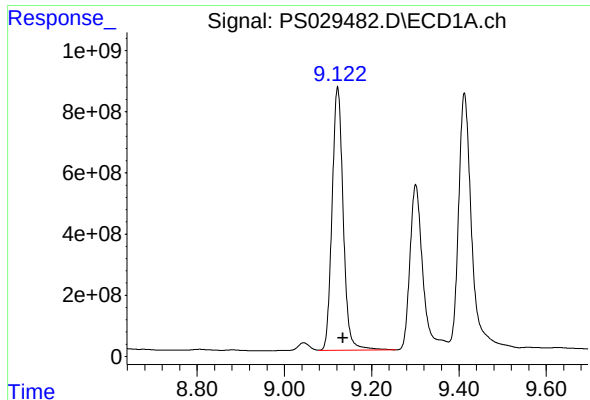
#10 Pentachlorophenol

R.T.: 8.553 min
Delta R.T.: -0.009 min
Response: 44826534601
Conc: 798.74 ng/ml



#10 Pentachlorophenol

R.T.: 9.311 min
Delta R.T.: -0.020 min
Response: 16220685220
Conc: 699.40 ng/ml



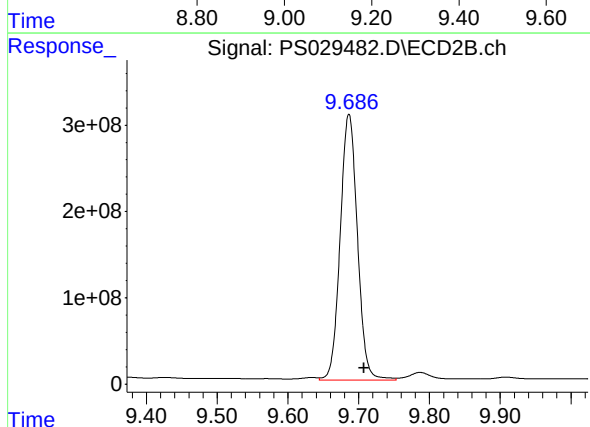
#11 2,4,5-TP (SILVEX)

R.T.: 9.122 min
Delta R.T.: -0.012 min
Response: 15224354549
Conc: 616.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

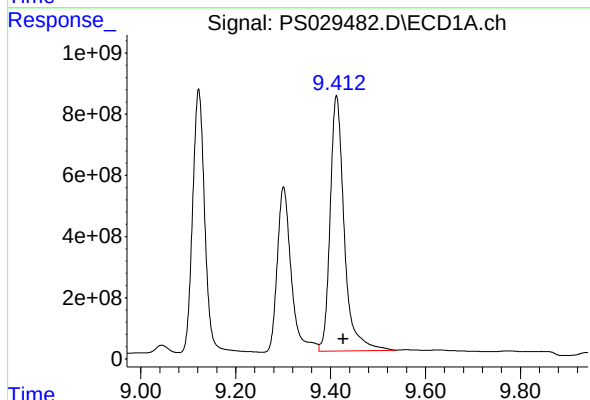
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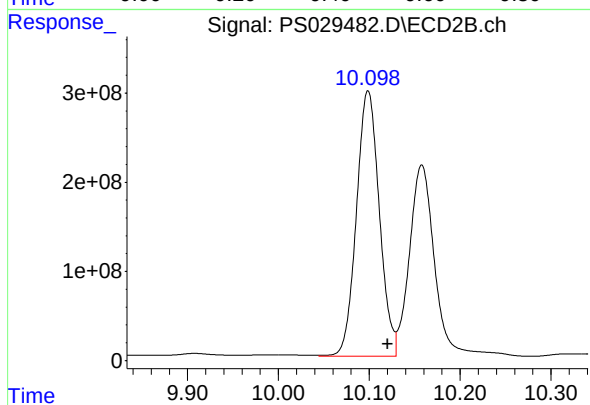
#11 2,4,5-TP (SILVEX)

R.T.: 9.686 min
Delta R.T.: -0.021 min
Response: 5212066790
Conc: 580.14 ng/ml



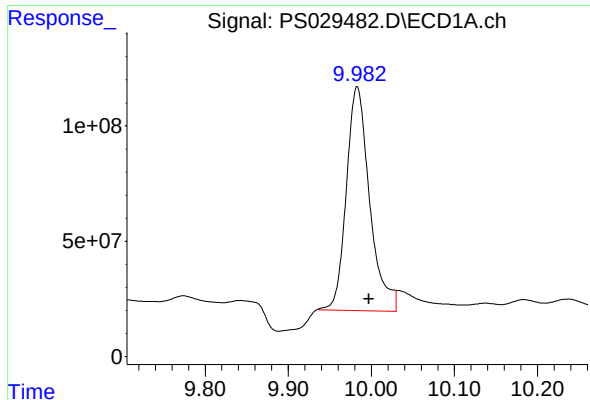
#12 2,4,5-T

R.T.: 9.412 min
Delta R.T.: -0.015 min
Response: 17239229490
Conc: 692.12 ng/ml



#12 2,4,5-T

R.T.: 10.099 min
Delta R.T.: -0.022 min
Response: 5211978172
Conc: 668.67 ng/ml



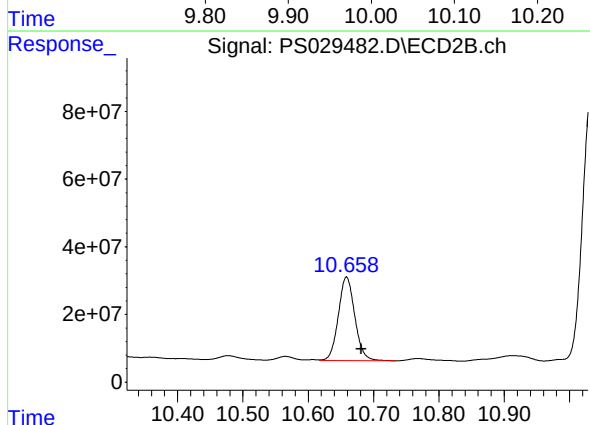
#13 2,4-DB

R.T.: 9.982 min
Delta R.T.: -0.015 min
Response: 1895402939
Conc: 518.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
PT-HERB-WP

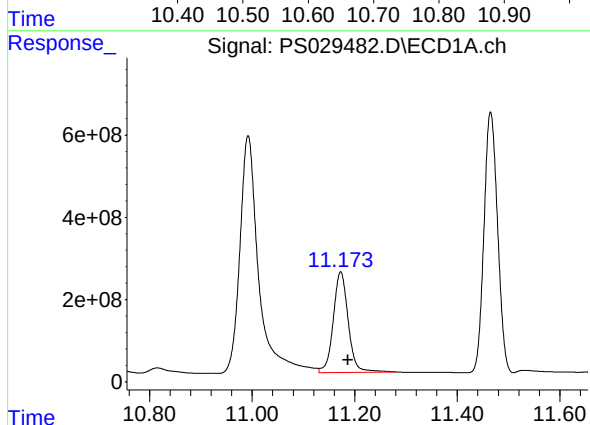
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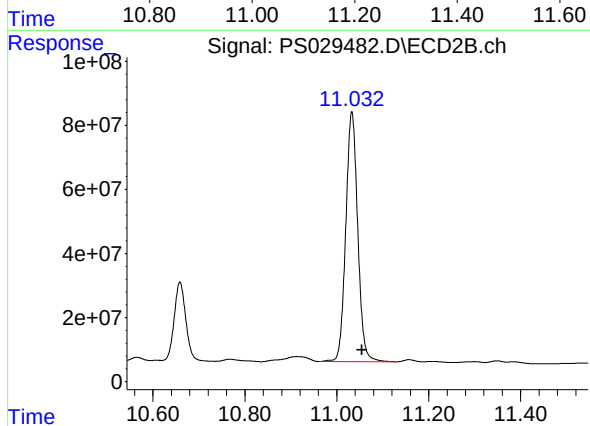
#13 2,4-DB

R.T.: 10.659 min
Delta R.T.: -0.023 min
Response: 432163802
Conc: 574.31 ng/ml



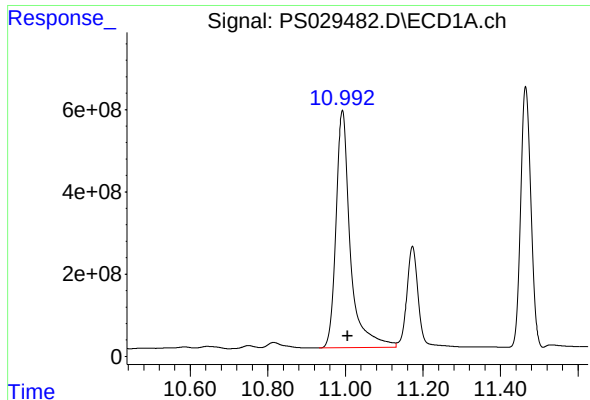
#14 DINOSEB

R.T.: 11.173 min
Delta R.T.: -0.014 min
Response: 4933303307
Conc: 283.41 ng/ml



#14 DINOSEB

R.T.: 11.033 min
Delta R.T.: -0.022 min
Response: 1407831079
Conc: 243.91 ng/ml



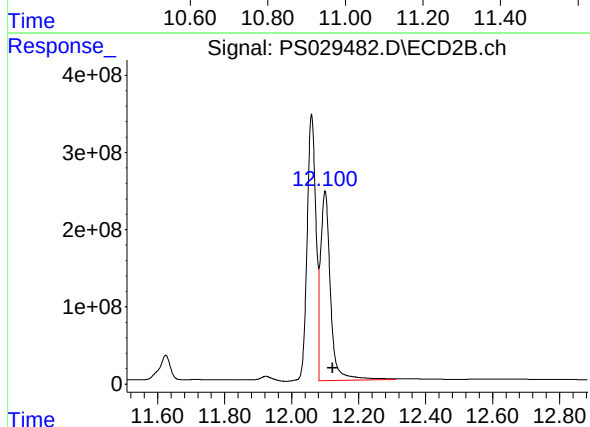
#15 Picloram

R.T.: 10.992 min
Delta R.T.: -0.013 min
Response: 14668682174
Conc: 486.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
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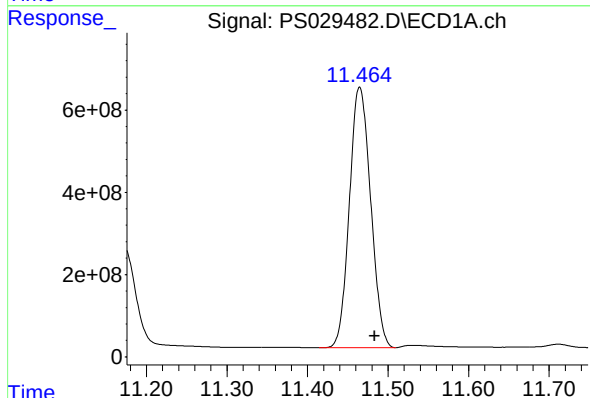
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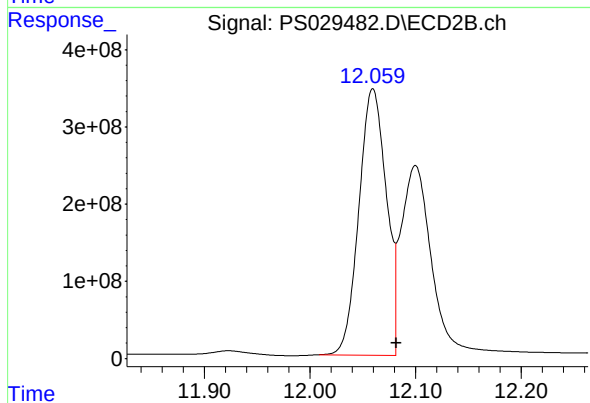
#15 Picloram

R.T.: 12.100 min
Delta R.T.: -0.022 min
Response: 5058610194
Conc: 445.73 ng/ml



#16 DCPA

R.T.: 11.464 min
Delta R.T.: -0.019 min
Response: 11636813294
Conc: 388.47 ng/ml m



#16 DCPA

R.T.: 12.059 min
Delta R.T.: -0.022 min
Response: 6274564029
Conc: 524.79 ng/ml m