

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032025\
 Data File : PS029481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2025 16:57
 Operator : AR\AJ
 Sample : PB167229BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167229BSD

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 04:55:07 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	7.150	7.583	2241.6E6	445.5E6	541.696	512.348
Target Compounds							
1) T	Dalapon	2.592	2.632	2335.4E6	889.0E6	416.324	440.460
2) T	3,5-DICHL...	6.335	6.566	2892.9E6	632.9E6	497.199	474.756
3) T	4-Nitroph...	6.956	7.121	847.5E6	338.6E6	449.404	470.359
5) T	DICAMBA	7.330	7.774	9061.4E6	2383.8E6	505.300	465.093
6) T	MCPD	7.507	7.876	529.3E6	106.2E6	40.107	45.952
7) T	MCPA	7.654	8.112	792.4E6	138.0E6	45.969	45.973
8) T	DICHLORPROP	8.030	8.477	2374.6E6	582.2E6	514.239	481.060
9) T	2,4-D	8.263	8.801	2337.4E6	583.2E6	516.709	485.716
10) T	Pentachlo...	8.549	9.310	34214.9E6	11455.5E6	609.654	493.935
11) T	2,4,5-TP ...	9.122	9.687	12765.6E6	4355.2E6	516.669	484.759
12) T	2,4,5-T	9.416	10.100	13099.4E6	3731.7E6	525.910	478.766
13) T	2,4-DB	9.986	10.660	1763.3E6	360.7E6	482.373	479.392
14) T	DINOSEB	11.173	11.032	9141.5E6	2795.6E6	525.160	484.355
15) T	Picloram	10.993	12.101	14898.9E6	5172.0E6	494.578	455.729
16) T	DCPA	11.468	12.059	15962.9E6	5993.5E6	532.883m	501.284m

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

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Acq On : 20 Mar 2025 16:57
Operator : AR\AJ
Sample : PB167229BSD
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ALS Vial : 11 Sample Multiplier: 1

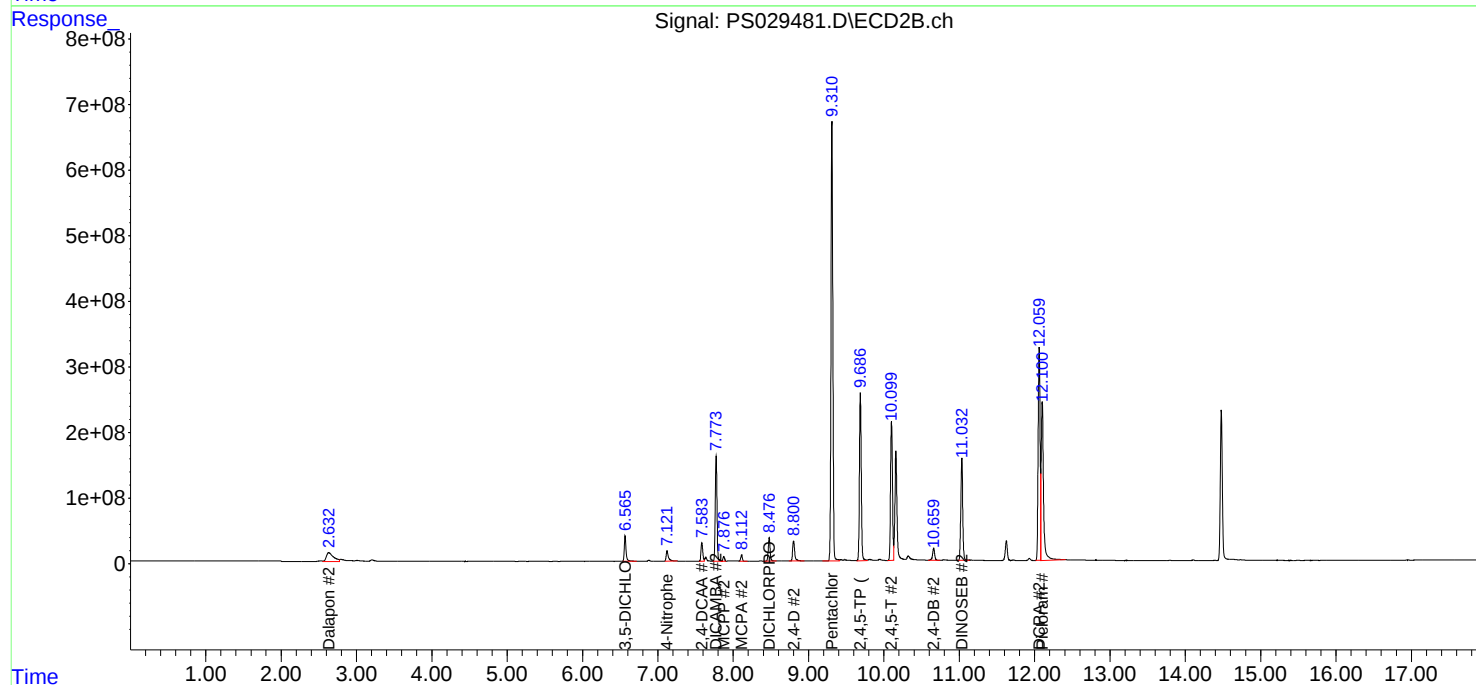
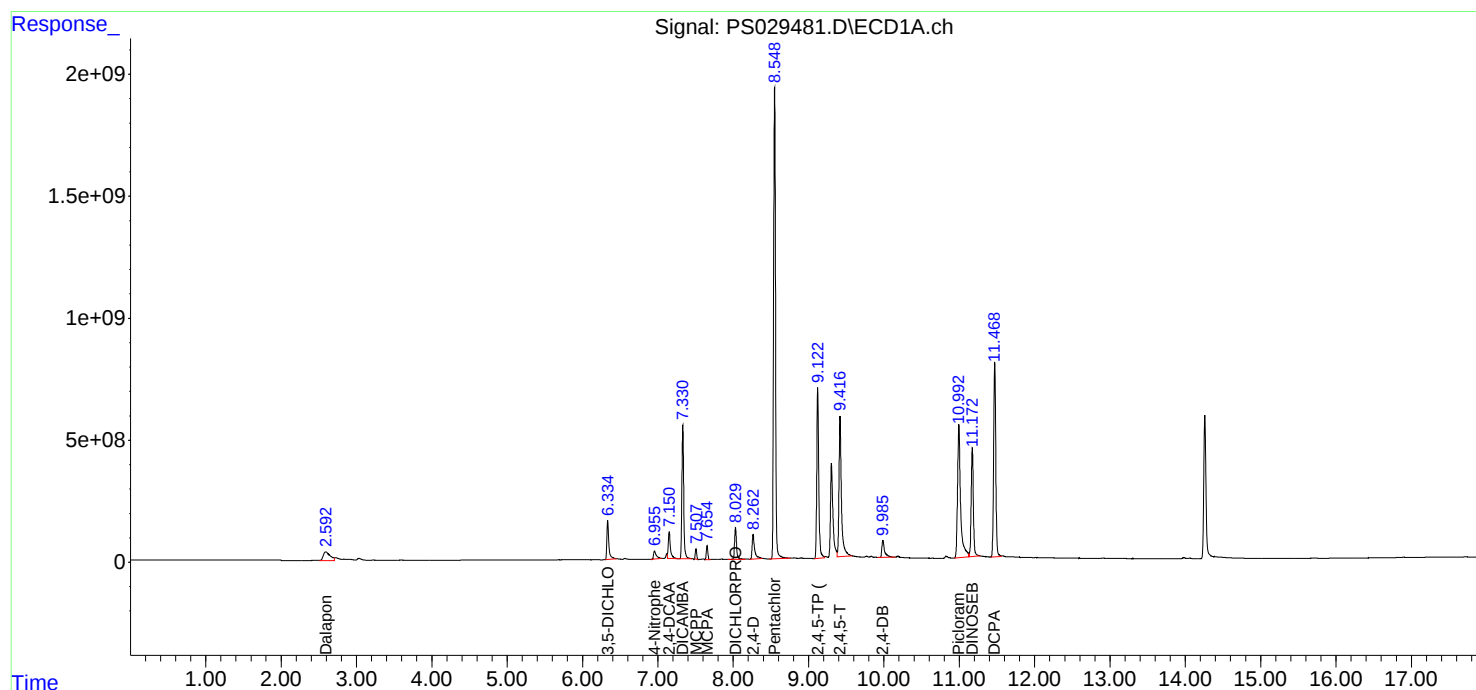
Instrument :
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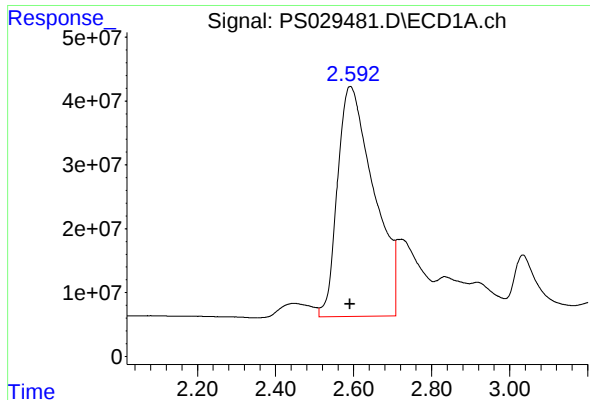
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.592 min
Delta R.T.: 0.000 min
Response: 2335364017
Conc: 416.32 ng/ml

Instrument :

ECD_S

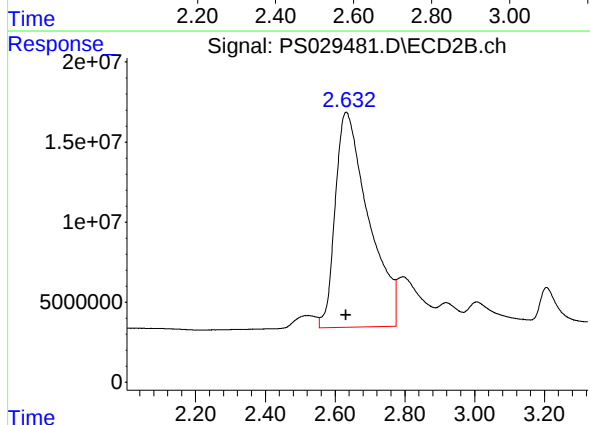
ClientSampleId :

PB167229BSD

Manual Integrations

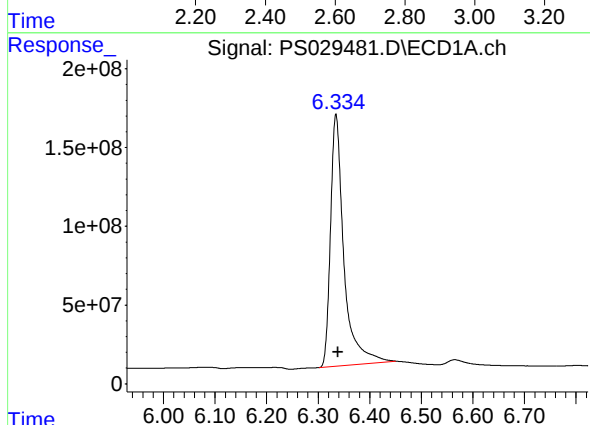
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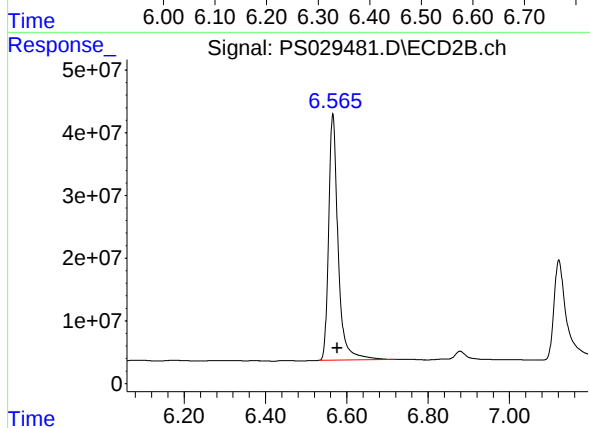
#1 Dalapon

R.T.: 2.632 min
Delta R.T.: 0.000 min
Response: 888964113
Conc: 440.46 ng/ml



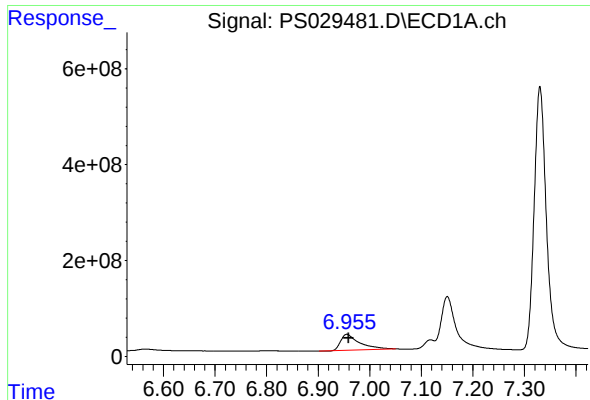
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 2892907013
Conc: 497.20 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.566 min
Delta R.T.: -0.011 min
Response: 632909752
Conc: 474.76 ng/ml



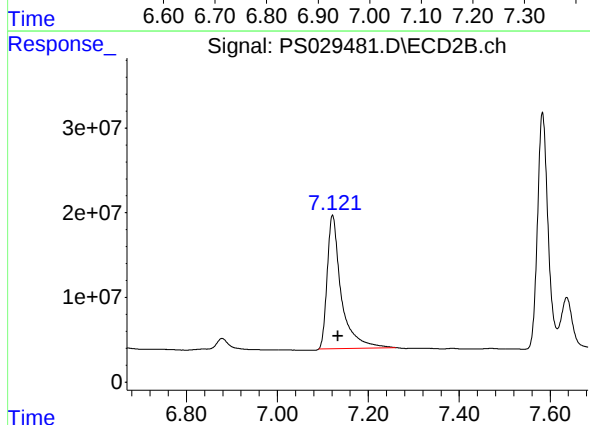
#3 4-Nitrophenol

R.T.: 6.956 min
Delta R.T.: -0.003 min
Response: 847488378
Conc: 449.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BSD

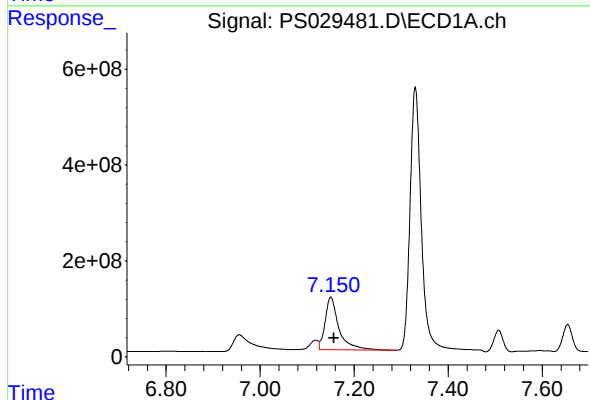
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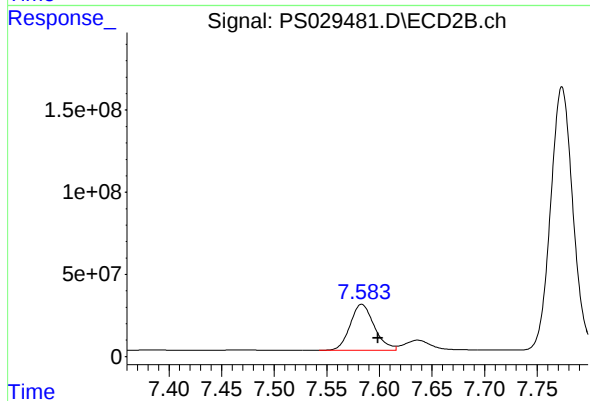
#3 4-Nitrophenol

R.T.: 7.121 min
Delta R.T.: -0.012 min
Response: 338595765
Conc: 470.36 ng/ml



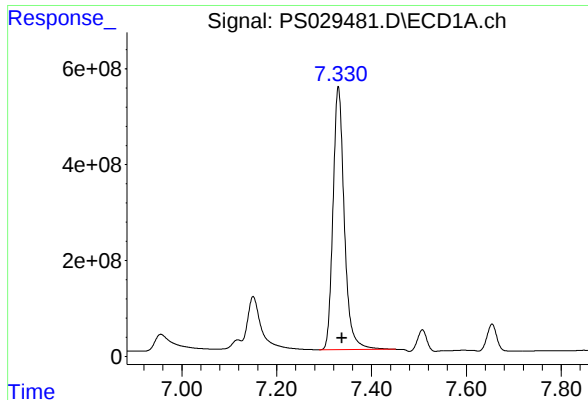
#4 2,4-DCAA

R.T.: 7.150 min
Delta R.T.: -0.007 min
Response: 2241551445
Conc: 541.70 ng/ml



#4 2,4-DCAA

R.T.: 7.583 min
Delta R.T.: -0.015 min
Response: 445481331
Conc: 512.35 ng/ml



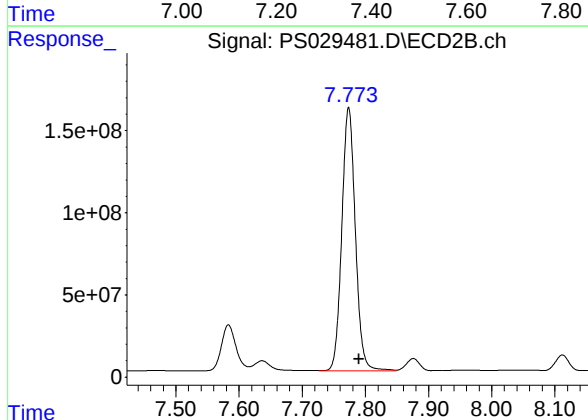
#5 DICAMBA

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 9061436540
Conc: 505.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BSD

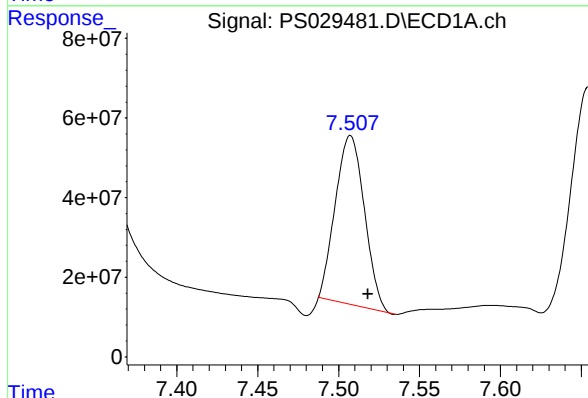
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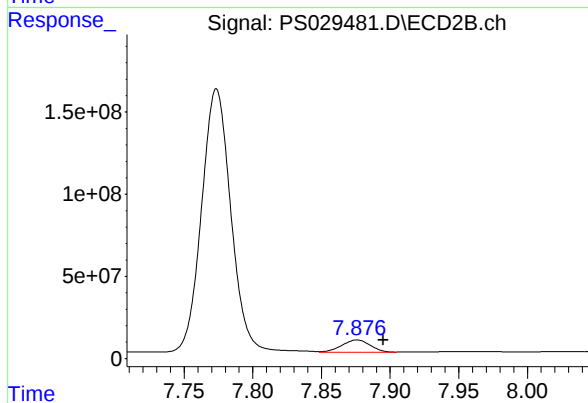
#5 DICAMBA

R.T.: 7.774 min
Delta R.T.: -0.017 min
Response: 2383847787
Conc: 465.09 ng/ml



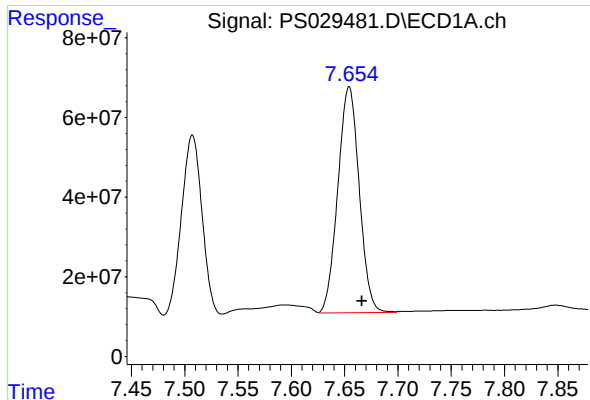
#6 MCP

R.T.: 7.507 min
Delta R.T.: -0.011 min
Response: 529341337
Conc: 40.11 ug/ml



#6 MCP

R.T.: 7.876 min
Delta R.T.: -0.019 min
Response: 106198045
Conc: 45.95 ug/ml



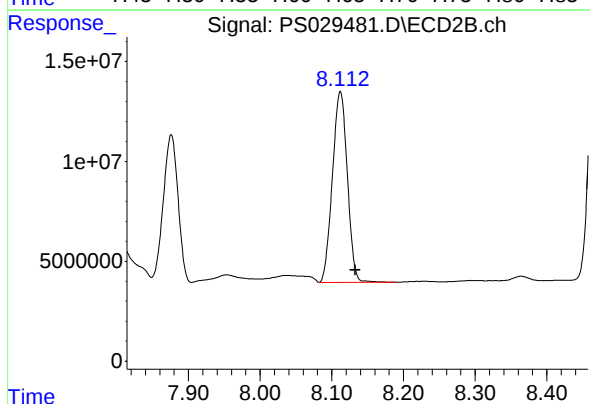
#7 MCPA

R.T.: 7.654 min
Delta R.T.: -0.012 min
Response: 792378025
Conc: 45.97 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BSD

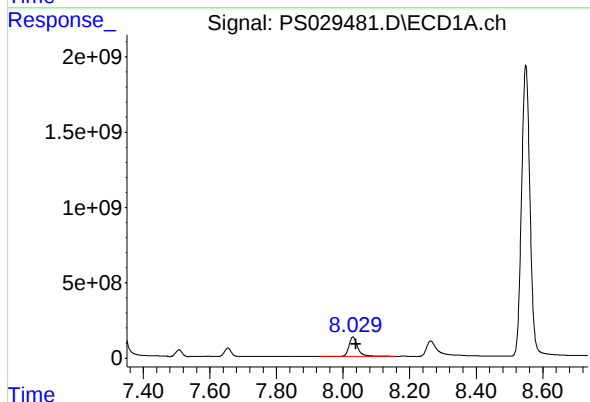
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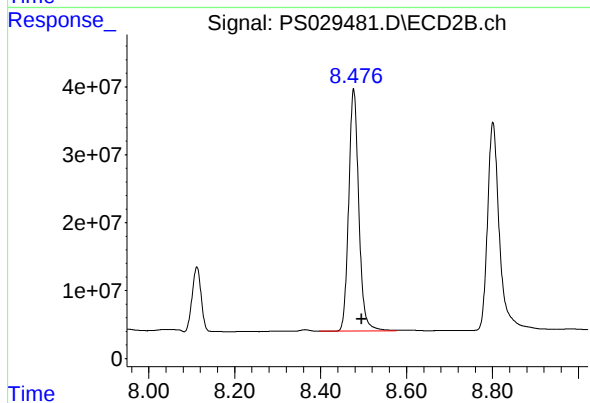
#7 MCPA

R.T.: 8.112 min
Delta R.T.: -0.021 min
Response: 137966719
Conc: 45.97 ug/ml



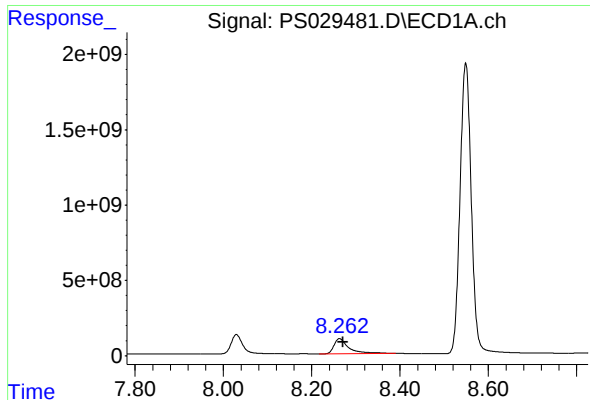
#8 DICHLORPROP

R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 2374560441
Conc: 514.24 ng/ml



#8 DICHLORPROP

R.T.: 8.477 min
Delta R.T.: -0.019 min
Response: 582217589
Conc: 481.06 ng/ml



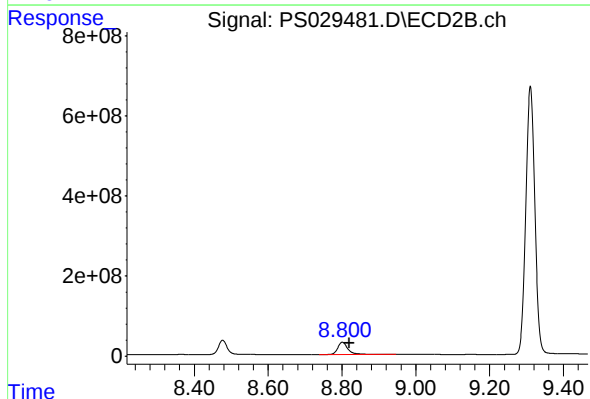
#9 2,4-D

R.T.: 8.263 min
Delta R.T.: -0.008 min
Response: 2337371178
Conc: 516.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BSD

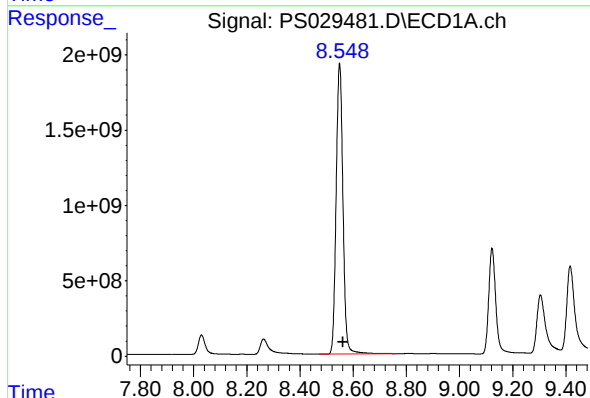
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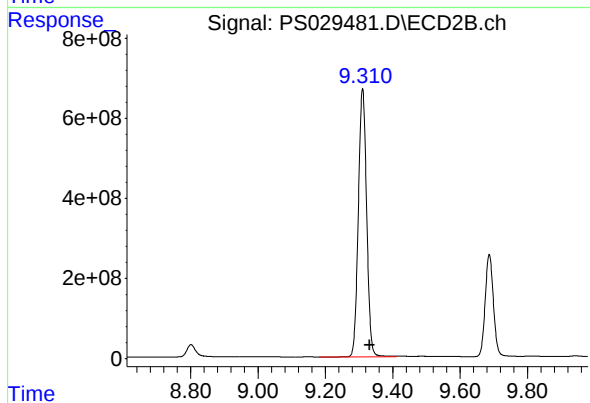
#9 2,4-D

R.T.: 8.801 min
Delta R.T.: -0.019 min
Response: 583229432
Conc: 485.72 ng/ml



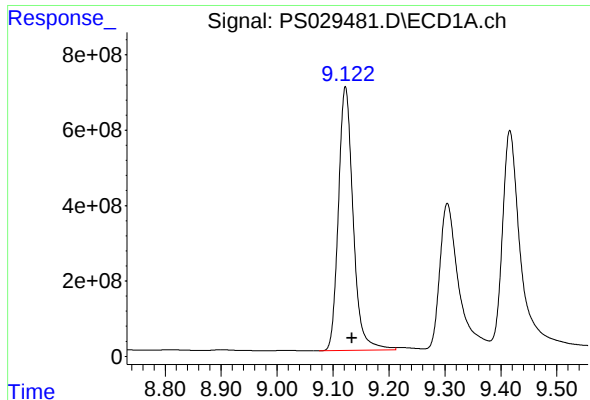
#10 Pentachlorophenol

R.T.: 8.549 min
Delta R.T.: -0.013 min
Response: 34214877846
Conc: 609.65 ng/ml



#10 Pentachlorophenol

R.T.: 9.310 min
Delta R.T.: -0.021 min
Response: 11455525483
Conc: 493.93 ng/ml



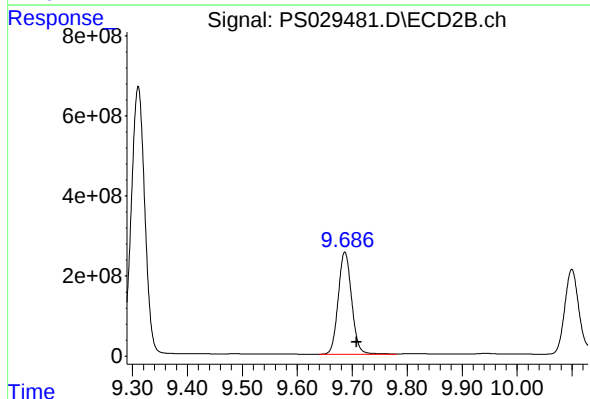
#11 2,4,5-TP (SILVEX)

R.T.: 9.122 min
Delta R.T.: -0.012 min
Response: 12765647459
Conc: 516.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BSD

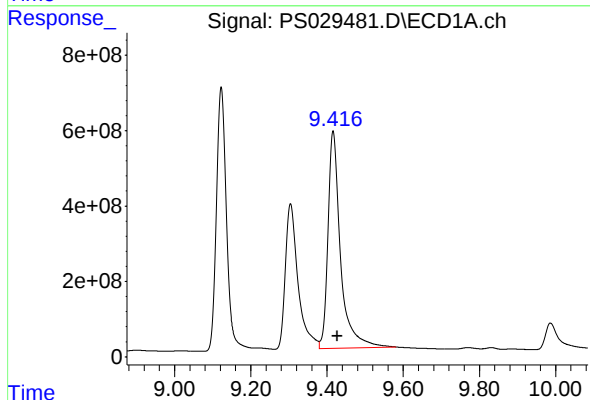
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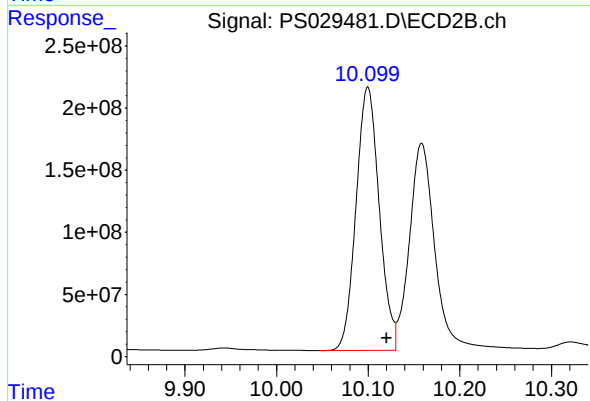
#11 2,4,5-TP (SILVEX)

R.T.: 9.687 min
Delta R.T.: -0.021 min
Response: 4355178866
Conc: 484.76 ng/ml



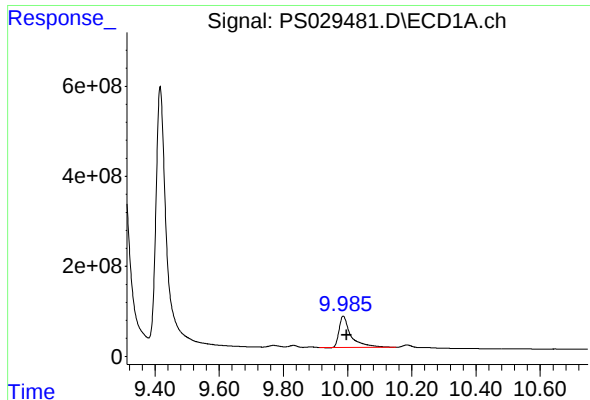
#12 2,4,5-T

R.T.: 9.416 min
Delta R.T.: -0.011 min
Response: 13099377255
Conc: 525.91 ng/ml



#12 2,4,5-T

R.T.: 10.100 min
Delta R.T.: -0.021 min
Response: 3731737776
Conc: 478.77 ng/ml



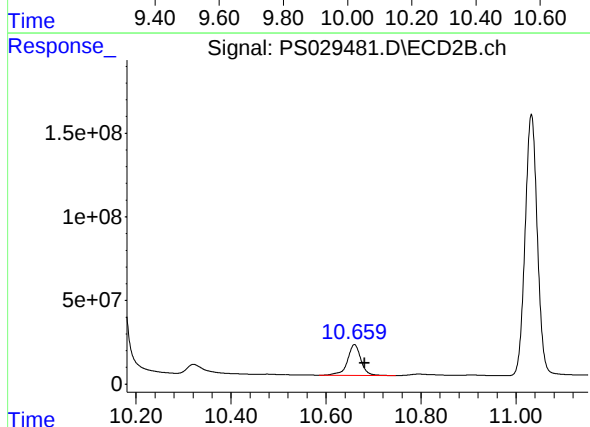
#13 2,4-DB

R.T.: 9.986 min
Delta R.T.: -0.011 min
Response: 1763290770
Conc: 482.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167229BSD

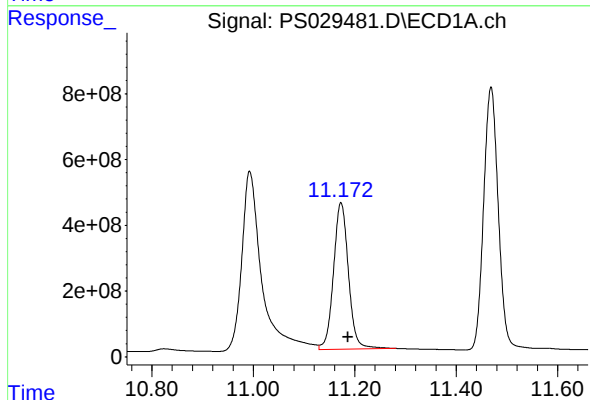
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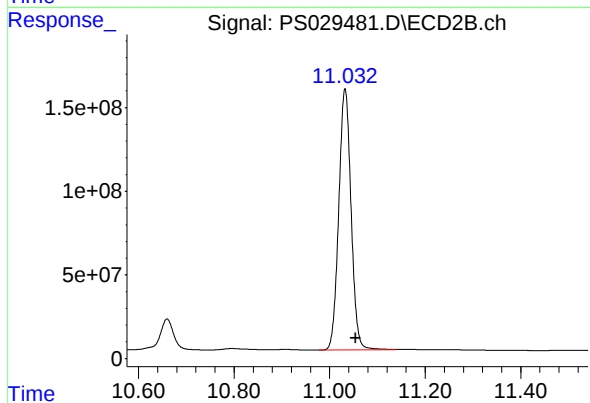
#13 2,4-DB

R.T.: 10.660 min
Delta R.T.: -0.021 min
Response: 360741930
Conc: 479.39 ng/ml



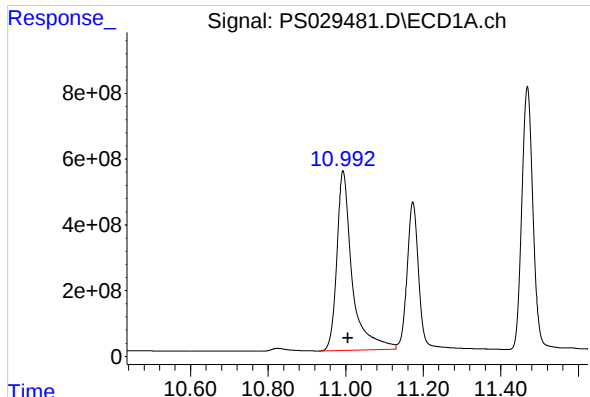
#14 DINOSEB

R.T.: 11.173 min
Delta R.T.: -0.014 min
Response: 9141458419
Conc: 525.16 ng/ml



#14 DINOSEB

R.T.: 11.032 min
Delta R.T.: -0.022 min
Response: 2795618135
Conc: 484.36 ng/ml



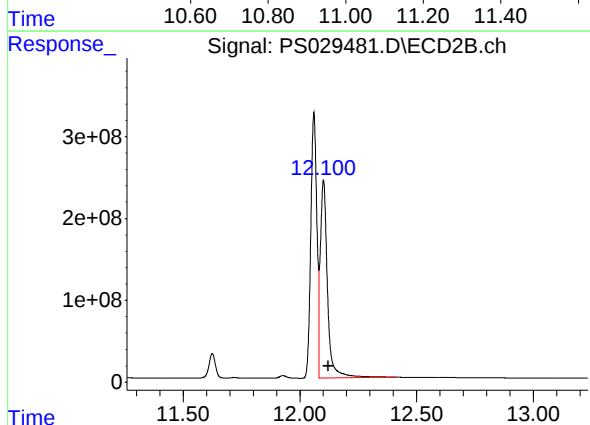
#15 Picloram

R.T.: 10.993 min
Delta R.T.: -0.012 min
Response: 14898943545
Conc: 494.58 ng/ml

Instrument :
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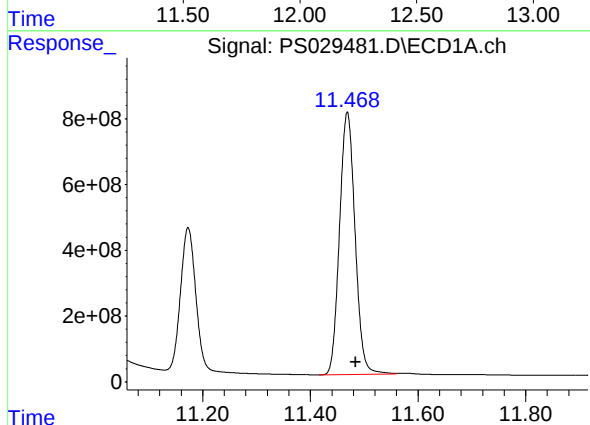
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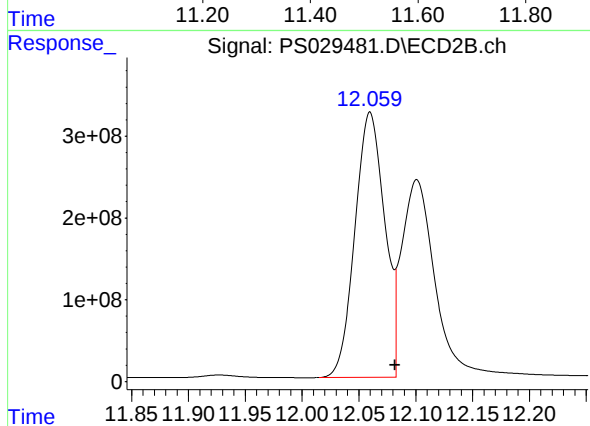
#15 Picloram

R.T.: 12.101 min
Delta R.T.: -0.021 min
Response: 5172045509
Conc: 455.73 ng/ml



#16 DCPA

R.T.: 11.468 min
Delta R.T.: -0.015 min
Response: 15962918977
Conc: 532.88 ng/ml m



#16 DCPA

R.T.: 12.059 min
Delta R.T.: -0.022 min
Response: 5993494804
Conc: 501.28 ng/ml m