

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS021925\
 Data File : PS029229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 01:56
 Operator : AR\AJ
 Sample : Q1383-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OU4-PCS-TC-11-021725MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2025
 Supervised By : Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 05:40:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS021925.M
 Quant Title : 8080.M
 QLast Update : Thu Feb 20 02:10:31 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 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	7.156	7.635	552.6E6	291.0E6	331.556m	300.787
Target Compounds							
1) T	Dalapon	2.598	2.654	556.2E6	425.7E6	169.189m	200.368m
2) T	3,5-DICHL...	6.342	6.607	625.0E6	406.1E6	250.969	278.907m
3) T	4-Nitroph...	6.957	7.166	383.9E6	249.1E6	267.760	290.911
5) T	DICAMBA	7.341	7.831	2137.1E6	1441.9E6	243.551	272.929
6) T	MCPD	7.520	7.933	51436139	57465896	16.316	25.189 #
7) T	MCPA	7.667	8.172	76450524	83315877	17.032	26.435 #
8) T	DICHLORPROP	8.041	8.540	557.4E6	406.2E6	249.821	310.006
9) T	2,4-D	8.271	8.866	674.3E6	404.9E6	296.639	308.634
10) T	Pentachlo...	8.564	9.384	10264.3E6	5993.6E6	246.542	251.919
11) T	2,4,5-TP ...	9.138	9.761	4359.4E6	2744.4E6	270.352	292.695
12) T	2,4,5-T	9.429	10.176	3896.5E6	2384.4E6	255.965	275.540
13) T	2,4-DB	9.999	10.740	395.3E6	228.5E6	163.543m	267.275 #
14) T	DINOSEB	11.196	11.116	267.0E6	149.4E6	21.011	23.071
15) T	Picloram	11.007	12.192	5804.4E6	2729.8E6	222.110	217.679
16) T	DCPA	11.488	12.151	6455.6E6	3998.9E6	246.824	321.914 #

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

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Sample : Q1383-01MSD
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ALS Vial : 35 Sample Multiplier: 1

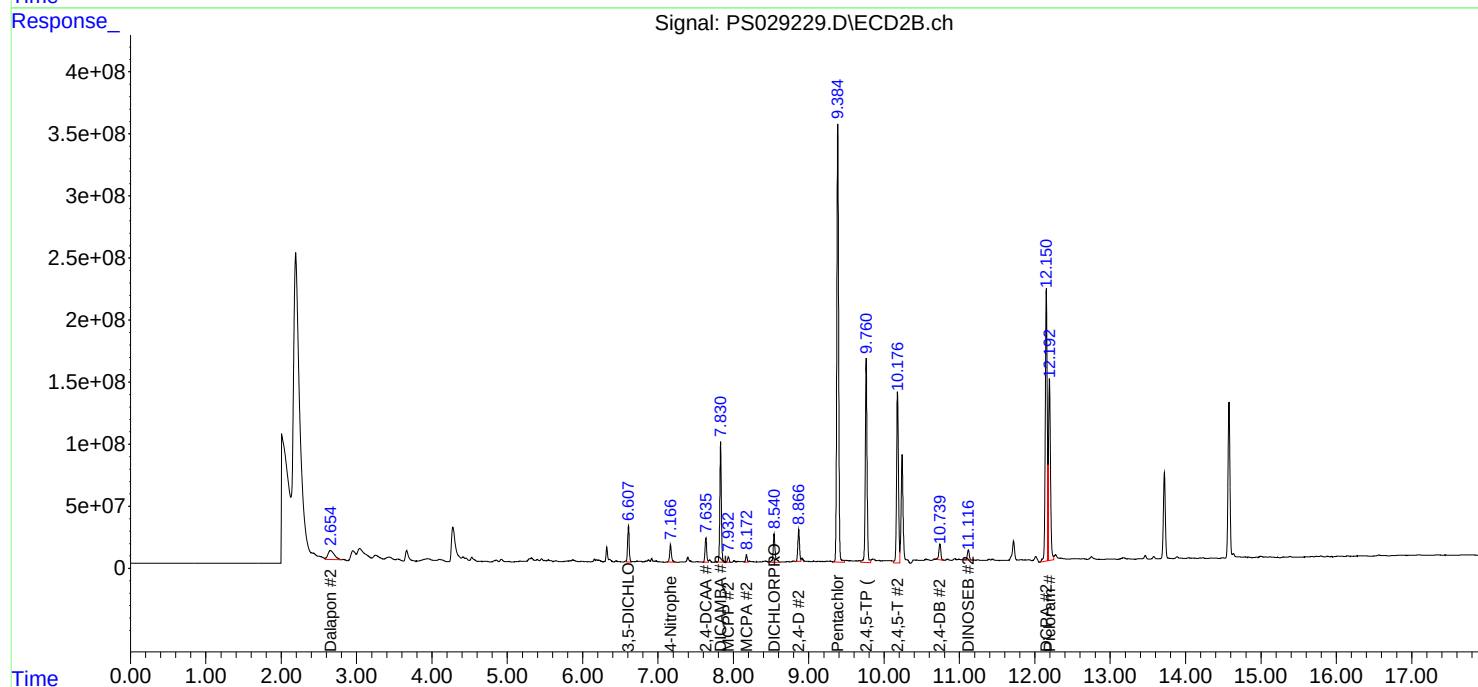
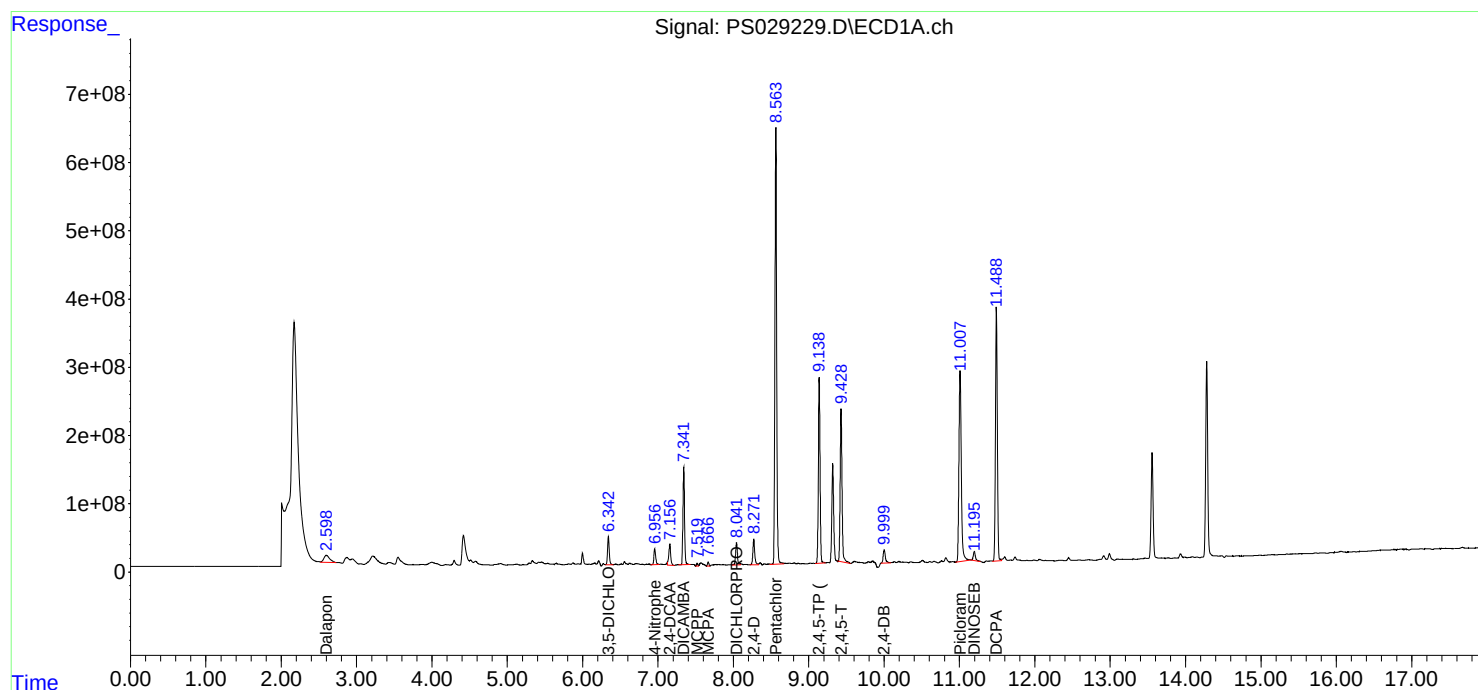
Instrument :
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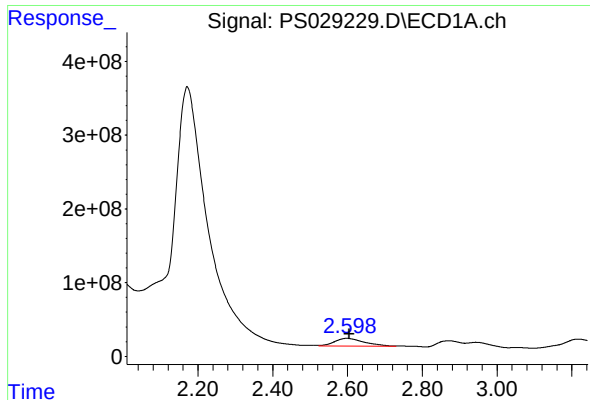
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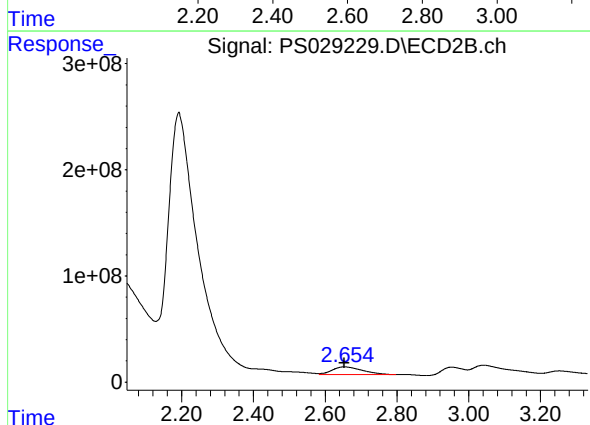
#1 Dalapon

R.T.: 2.598 min
Delta R.T.: -0.006 min
Response: 556207447
Conc: 169.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MSD

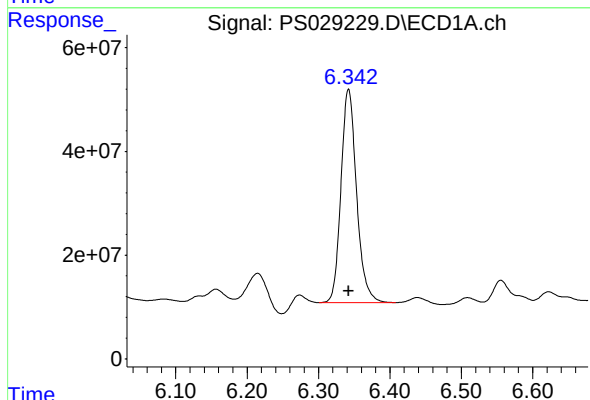
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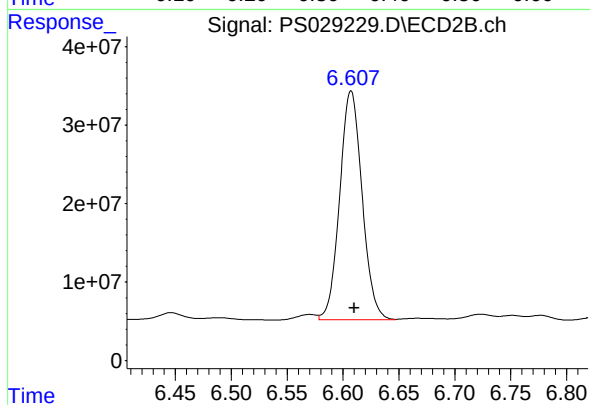
#1 Dalapon

R.T.: 2.654 min
Delta R.T.: 0.001 min
Response: 425684207
Conc: 200.37 ng/ml m



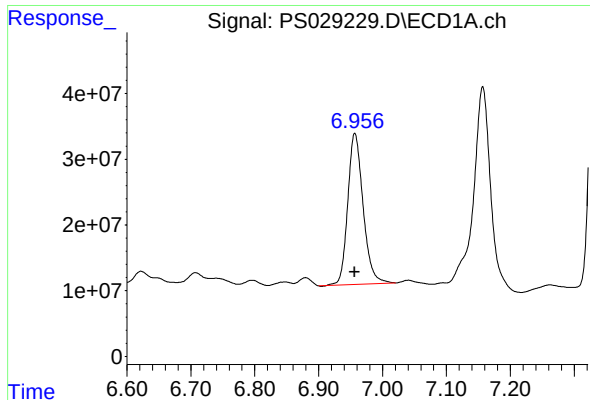
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 625023984
Conc: 250.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.607 min
Delta R.T.: -0.003 min
Response: 406077332
Conc: 278.91 ng/ml m



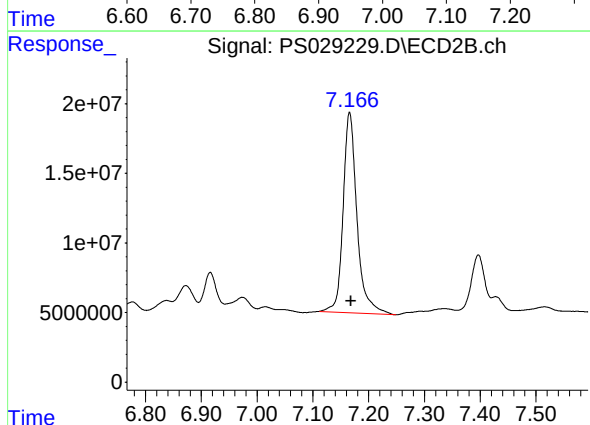
#3 4-Nitrophenol

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 383929862
Conc: 267.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
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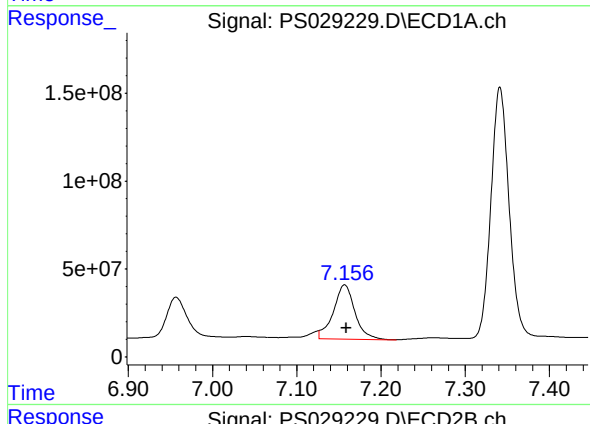
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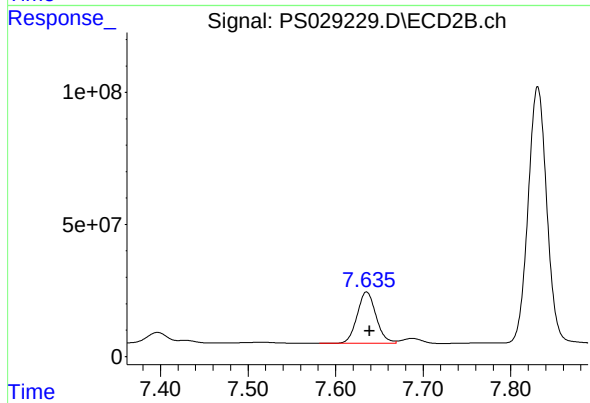
#3 4-Nitrophenol

R.T.: 7.166 min
Delta R.T.: -0.003 min
Response: 249129564
Conc: 290.91 ng/ml



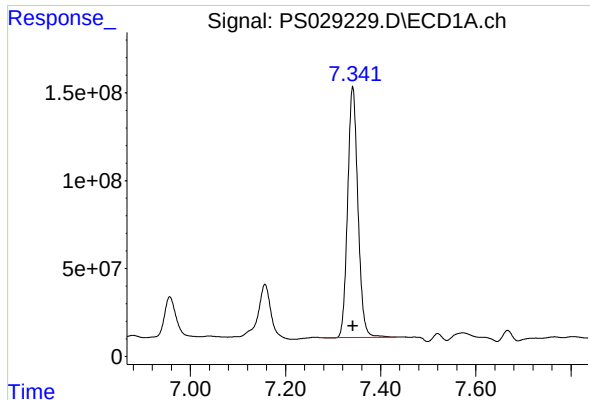
#4 2,4-DCAA

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 552557786
Conc: 331.56 ng/ml m



#4 2,4-DCAA

R.T.: 7.635 min
Delta R.T.: -0.003 min
Response: 291002667
Conc: 300.79 ng/ml



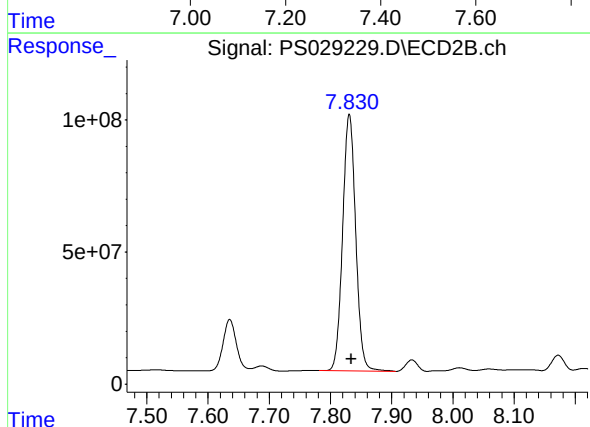
#5 DICAMBA

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 2137147941
Conc: 243.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MSD

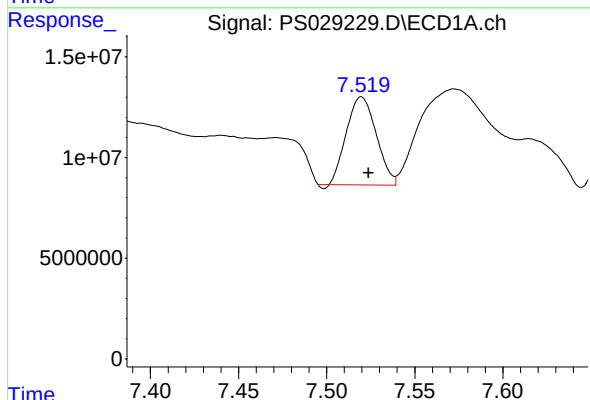
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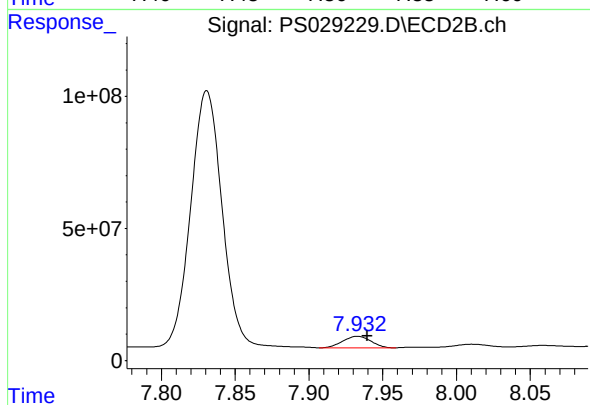
#5 DICAMBA

R.T.: 7.831 min
Delta R.T.: -0.003 min
Response: 1441875726
Conc: 272.93 ng/ml



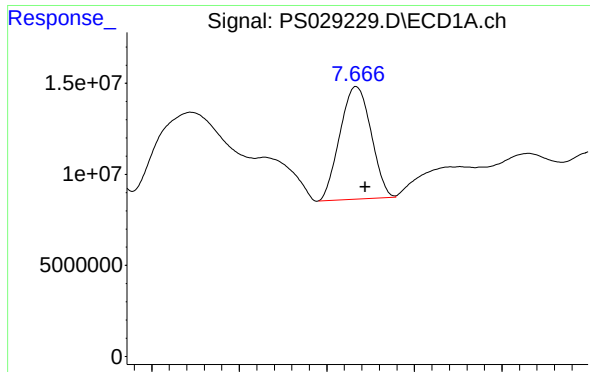
#6 MCPP

R.T.: 7.520 min
Delta R.T.: -0.004 min
Response: 51436139
Conc: 16.32 ug/ml



#6 MCPP

R.T.: 7.933 min
Delta R.T.: -0.007 min
Response: 57465896
Conc: 25.19 ug/ml



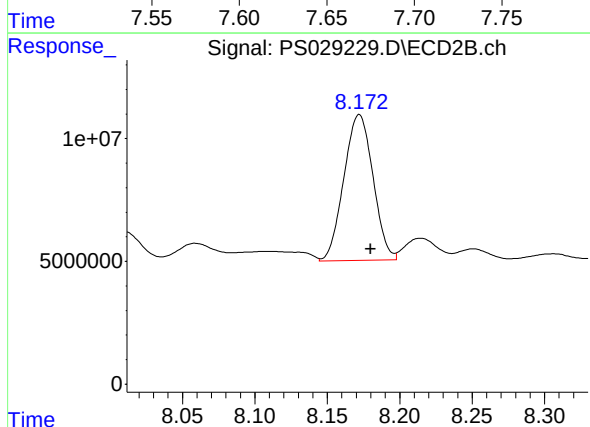
#7 MCPA

R.T.: 7.667 min
Delta R.T.: -0.005 min
Response: 76450524
Conc: 17.03 ug/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MSD

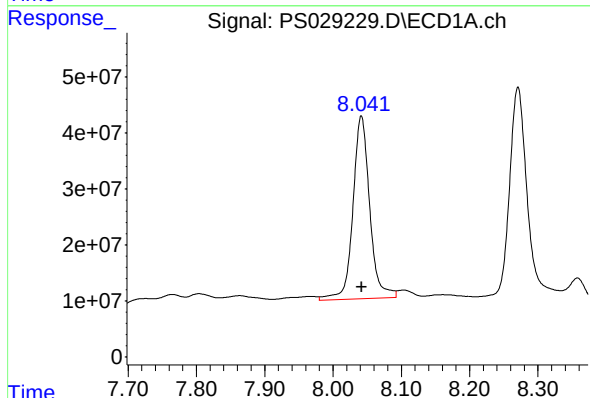
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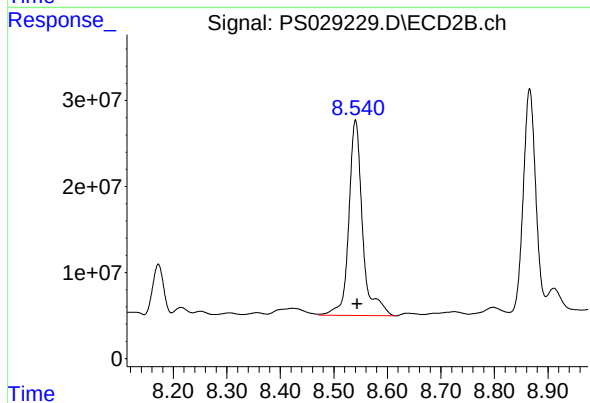
#7 MCPA

R.T.: 8.172 min
Delta R.T.: -0.008 min
Response: 83315877
Conc: 26.44 ug/ml



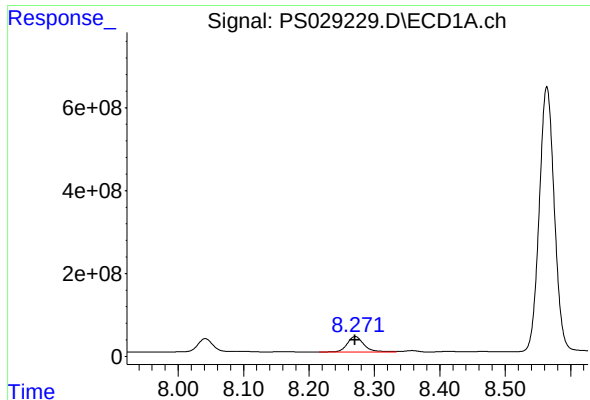
#8 DICHLORPROP

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 557401084
Conc: 249.82 ng/ml



#8 DICHLORPROP

R.T.: 8.540 min
Delta R.T.: -0.004 min
Response: 406241880
Conc: 310.01 ng/ml



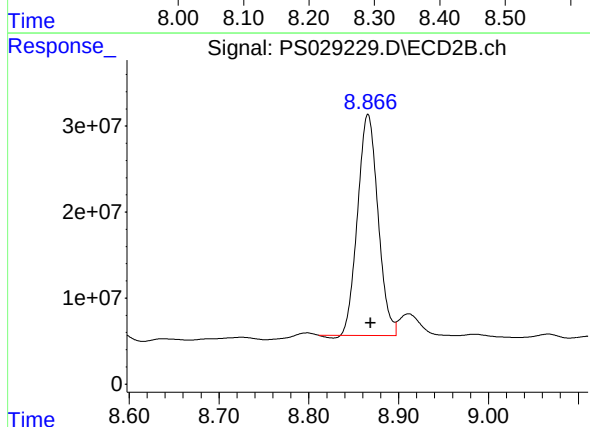
#9 2,4-D

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 674280581
Conc: 296.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
OU4-PCS-TC-11-021725MSD

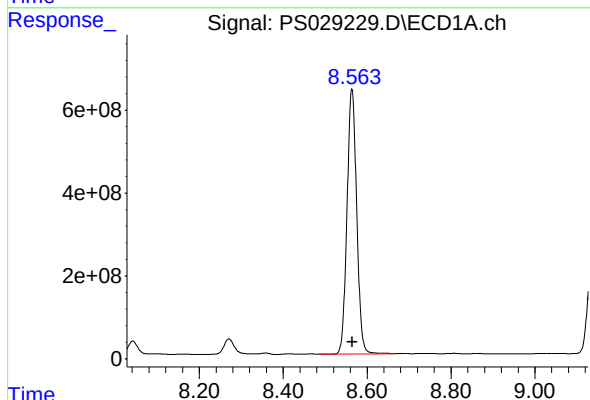
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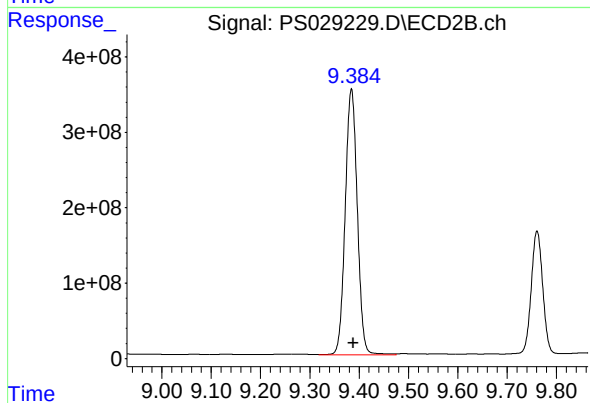
#9 2,4-D

R.T.: 8.866 min
Delta R.T.: -0.003 min
Response: 404862304
Conc: 308.63 ng/ml



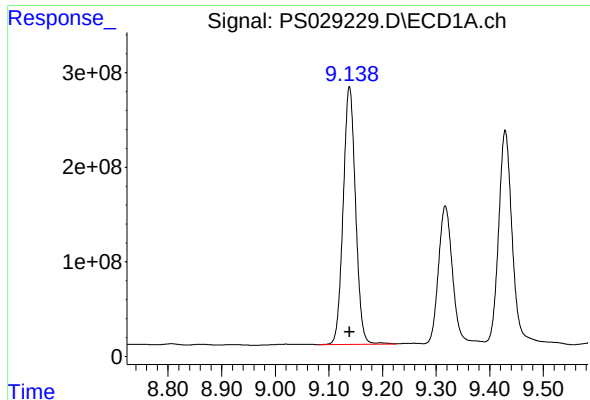
#10 Pentachlorophenol

R.T.: 8.564 min
Delta R.T.: -0.001 min
Response: 10264283007
Conc: 246.54 ng/ml



#10 Pentachlorophenol

R.T.: 9.384 min
Delta R.T.: -0.004 min
Response: 5993552926
Conc: 251.92 ng/ml



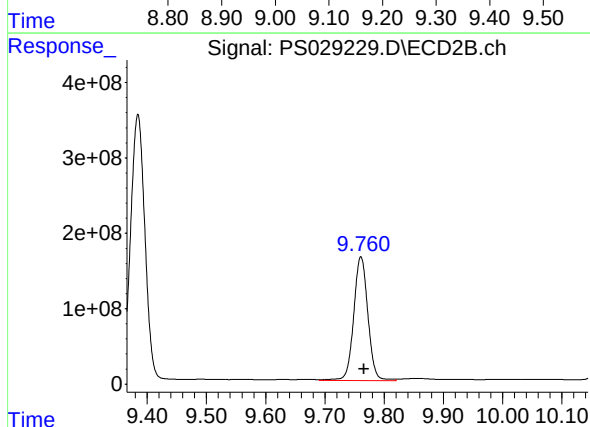
#11 2,4,5-TP (SILVEX)

R.T.: 9.138 min
Delta R.T.: 0.000 min
Response: 4359394485
Conc: 270.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
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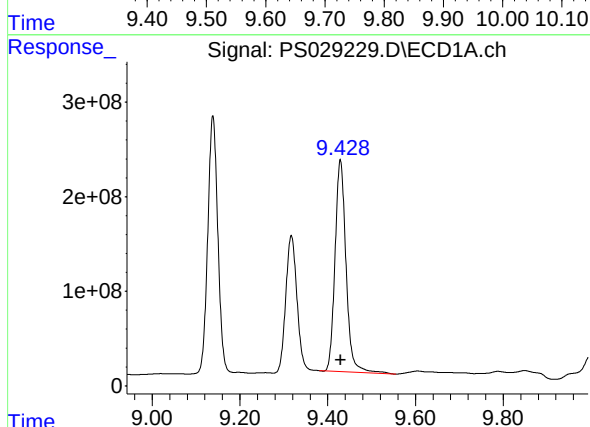
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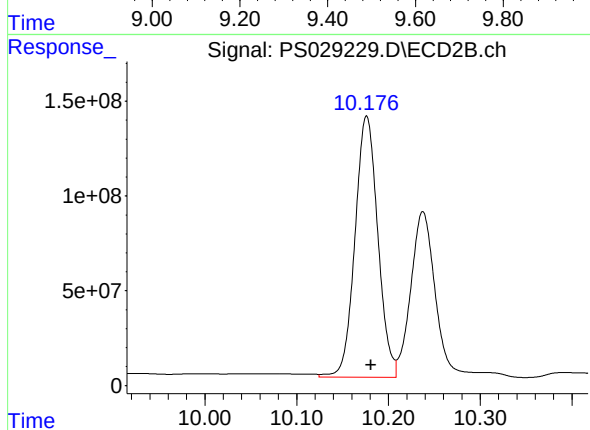
#11 2,4,5-TP (SILVEX)

R.T.: 9.761 min
Delta R.T.: -0.005 min
Response: 2744434008
Conc: 292.69 ng/ml



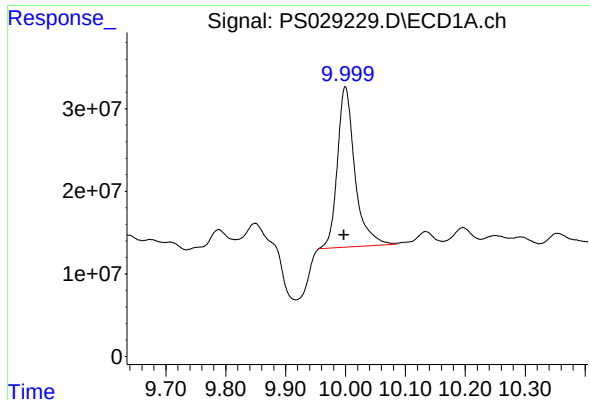
#12 2,4,5-T

R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 3896509793
Conc: 255.97 ng/ml



#12 2,4,5-T

R.T.: 10.176 min
Delta R.T.: -0.005 min
Response: 2384384993
Conc: 275.54 ng/ml



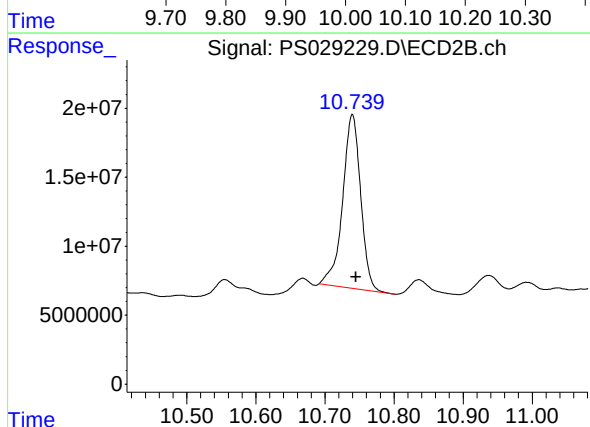
#13 2,4-DB

R.T.: 9.999 min
Delta R.T.: 0.002 min
Response: 395298075
Conc: 163.54 ng/ml

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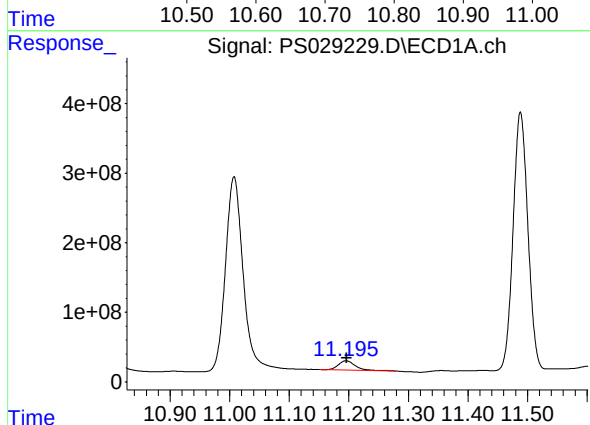
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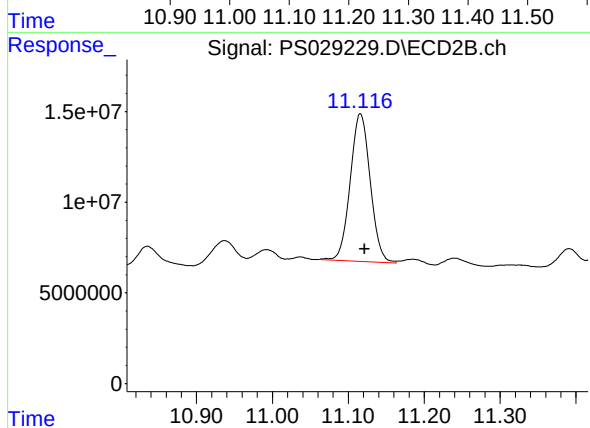
#13 2,4-DB

R.T.: 10.740 min
Delta R.T.: -0.005 min
Response: 228547804
Conc: 267.27 ng/ml



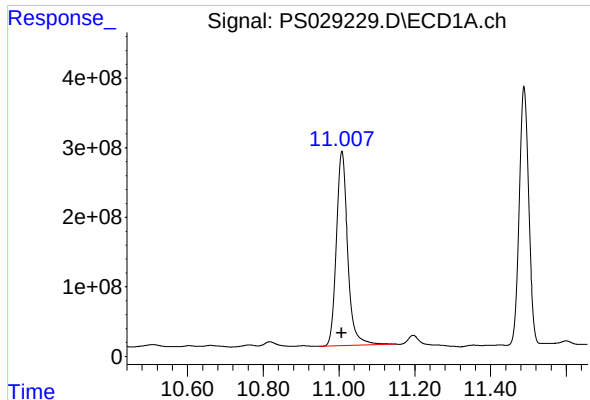
#14 DINOSEB

R.T.: 11.196 min
Delta R.T.: -0.001 min
Response: 266963348
Conc: 21.01 ng/ml



#14 DINOSEB

R.T.: 11.116 min
Delta R.T.: -0.006 min
Response: 149400181
Conc: 23.07 ng/ml



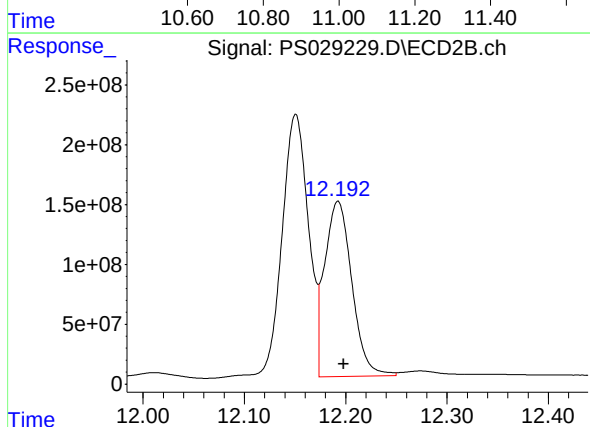
#15 Picloram

R.T.: 11.007 min
Delta R.T.: 0.000 min
Response: 5804447178
Conc: 222.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
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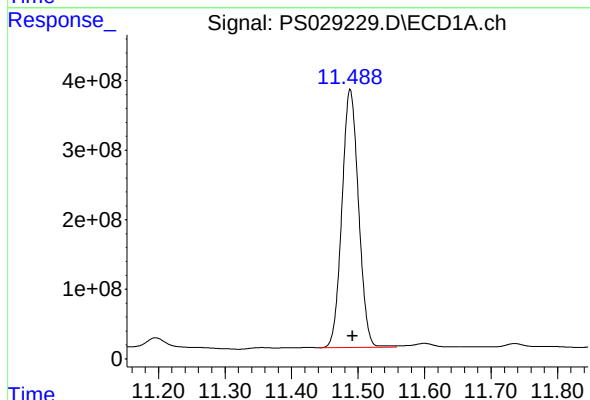
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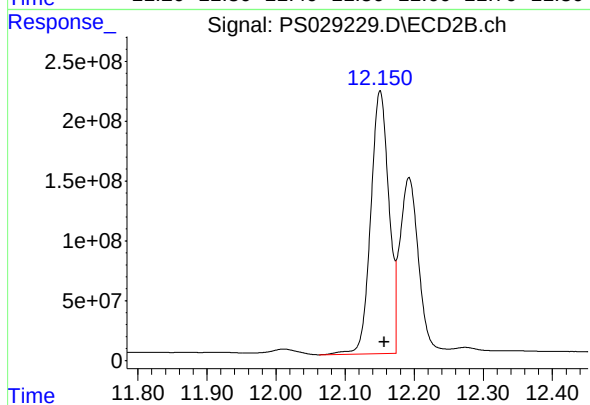
#15 Picloram

R.T.: 12.192 min
Delta R.T.: -0.006 min
Response: 2729751471
Conc: 217.68 ng/ml



#16 DCPA

R.T.: 11.488 min
Delta R.T.: -0.004 min
Response: 6455606383
Conc: 246.82 ng/ml



#16 DCPA

R.T.: 12.151 min
Delta R.T.: -0.006 min
Response: 3998855850
Conc: 321.91 ng/ml