

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS030009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 10:35
 Operator : AR\AJ
 Sample : Q1906-05MSRE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-5MSRE

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2025
 Supervised By : mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 04:55:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 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	6.918	7.461	2373.5E6	1070.5E6	964.415	1519.527 #
Target Compounds						
1) T Dalapon	2.441	2.515	3403.6E6	1761.2E6	831.117	1014.443
2) T 3,5-DICHL...	6.141	6.459	1129.4E6	288.6E6	316.029m	295.231
3) T 4-Nitroph...	6.704f	6.965f	112.6E6	114.3E6	63.125	149.265m#
5) T DICAMBA	7.114	7.647	3248.3E6	1362.5E6	328.017m	344.935
6) T MCPP	7.291	7.791f	173.2E6	145.1E6	26.876	82.959 #
7) T MCPA	7.434	7.981	285.0E6	91517719	32.272	38.684
8) T DICHLORPROP	7.796	8.341	896.5E6	383.7E6	353.785	382.161
9) T 2,4-D	8.014	8.653	1213.7E6	470.6E6	431.492	417.505
10) T Pentachlo...	8.292	9.154	6031.0E6	3747.4E6	172.883	184.193
11) T 2,4,5-TP ...	8.856	9.532	2902.7E6	2098.7E6	209.389m	256.514m
12) T 2,4,5-T	9.139	9.937	3795.3E6	2269.7E6	270.065	292.387
13) T 2,4-DB	9.698	10.494	423.9E6	177.2E6	185.497m	220.155m
15) T Picloram	10.678	11.901	6009.1E6	5144.4E6	327.818	418.804m#
16) T DCPA	11.161	11.898	6780.8E6	3974.0E6	398.379	352.565m

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

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Data File : PS030009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 10:35
Operator : AR\AJ
Sample : Q1906-05MSRE
Misc :
ALS Vial : 11 Sample Multiplier: 1

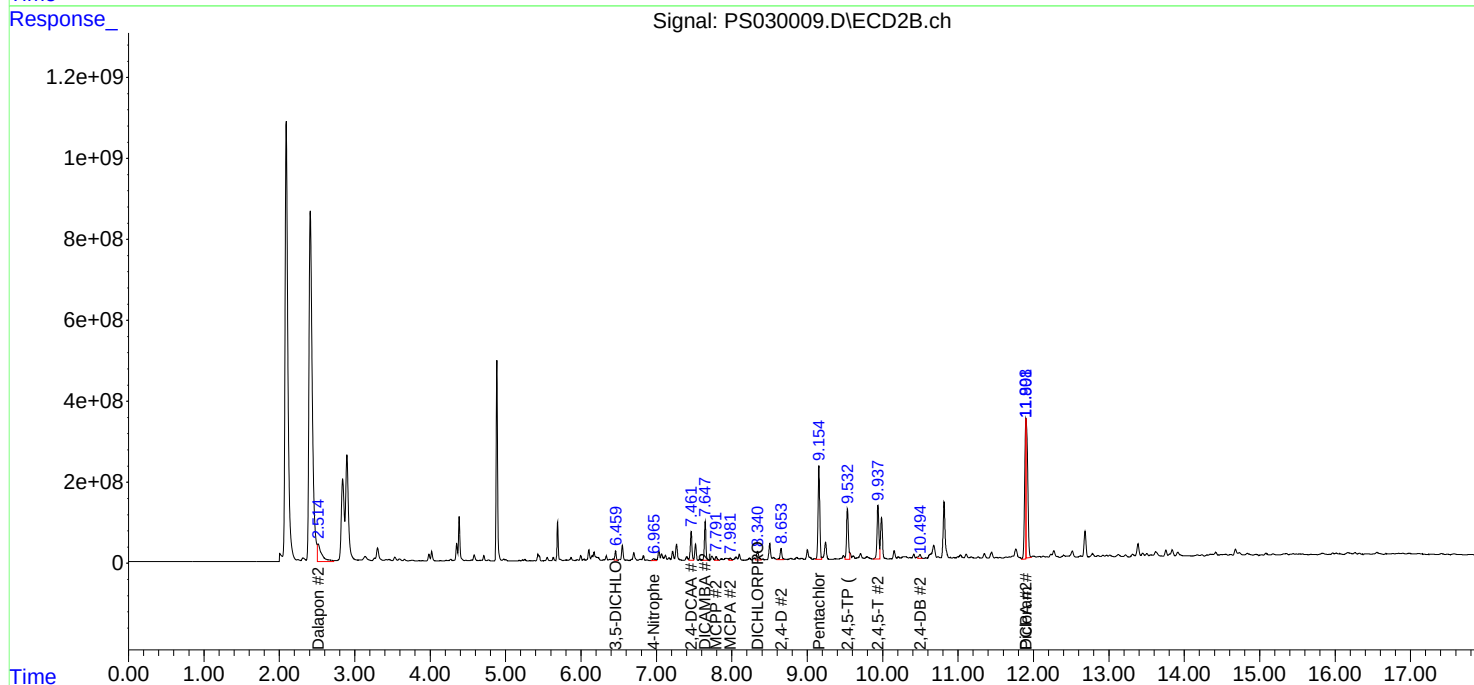
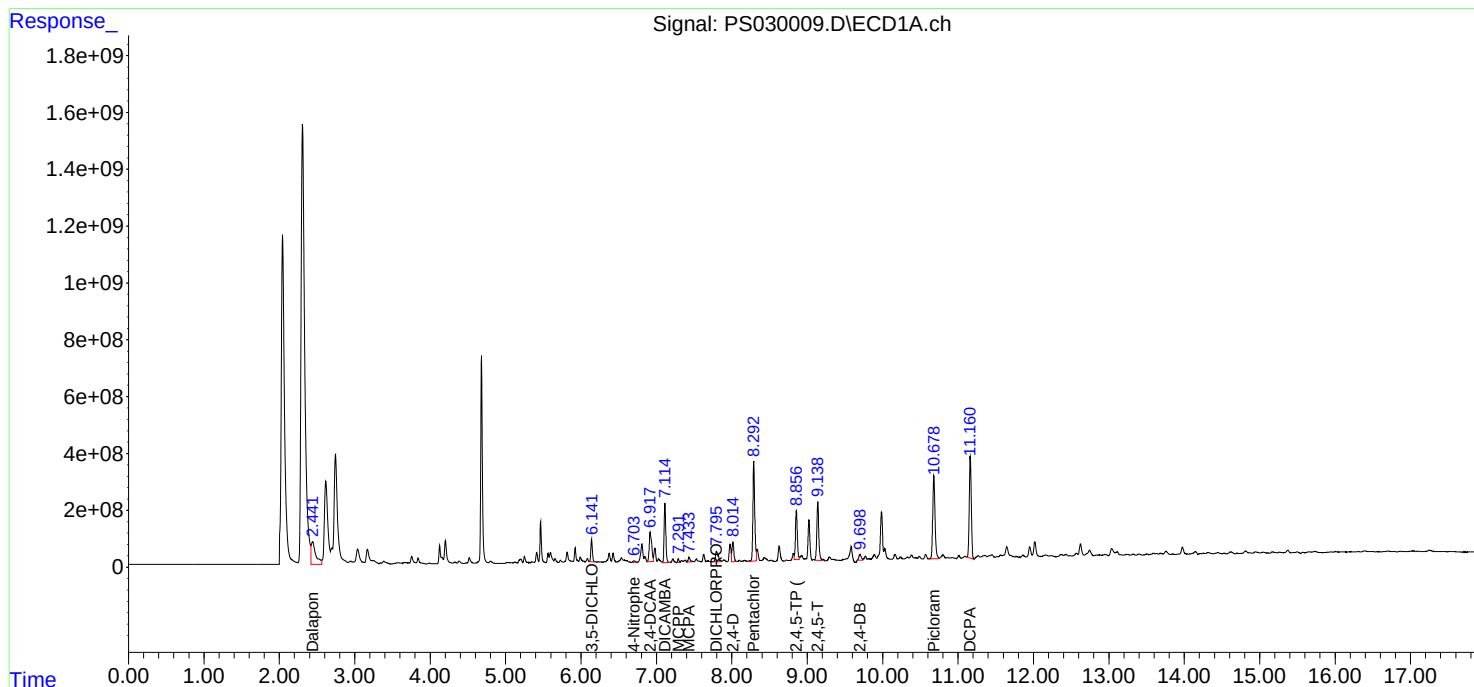
Instrument :
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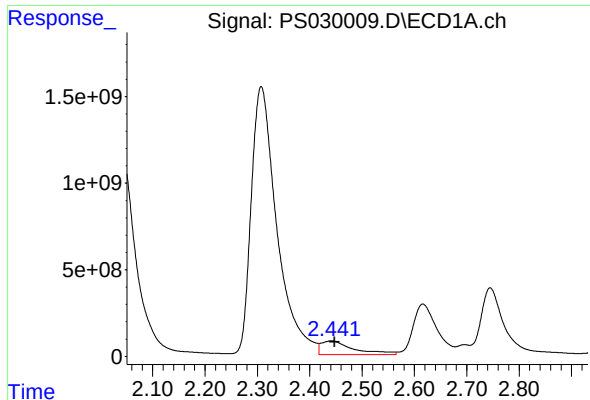
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





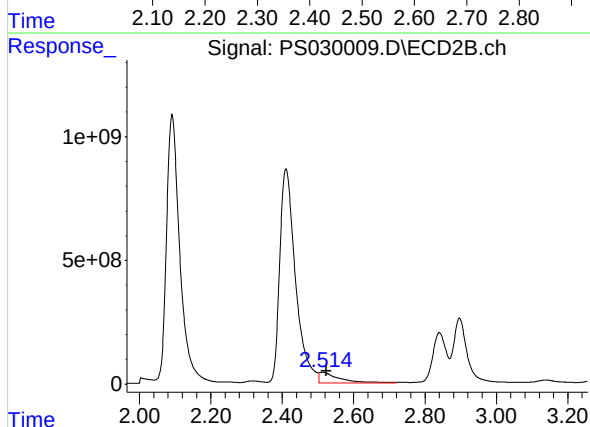
#1 Dalapon

R.T.: 2.441 min
Delta R.T.: -0.007 min
Response: 3403639199
Conc: 831.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSRE

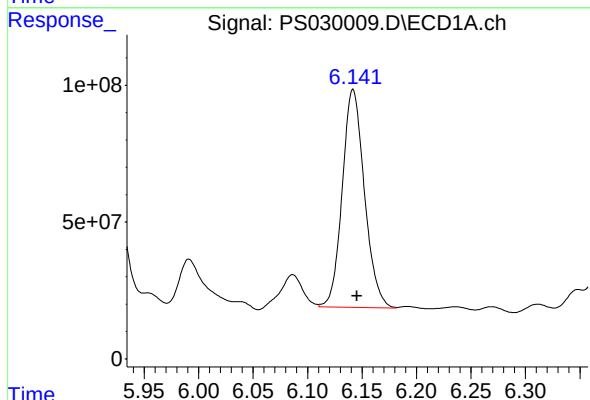
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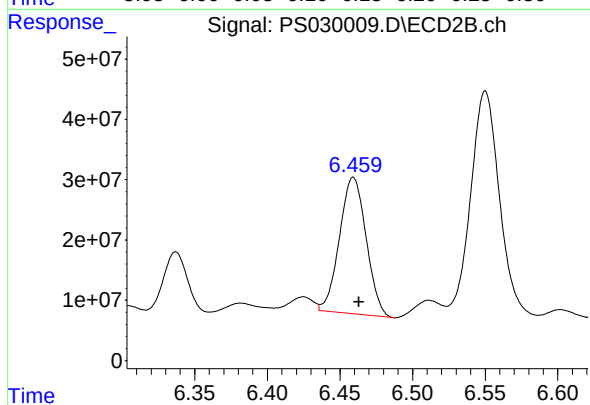
#1 Dalapon

R.T.: 2.515 min
Delta R.T.: -0.010 min
Response: 1761218631
Conc: 1014.44 ng/ml



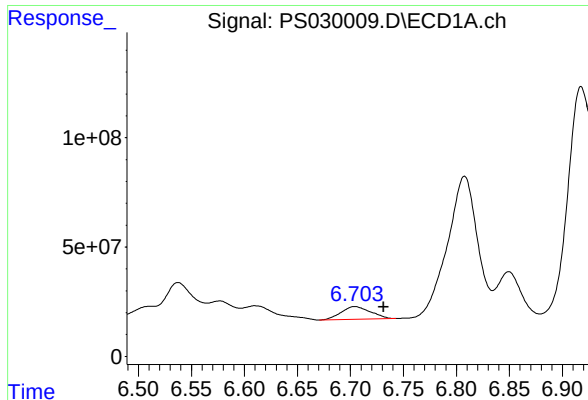
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 1129418964
Conc: 316.03 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 288611668
Conc: 295.23 ng/ml



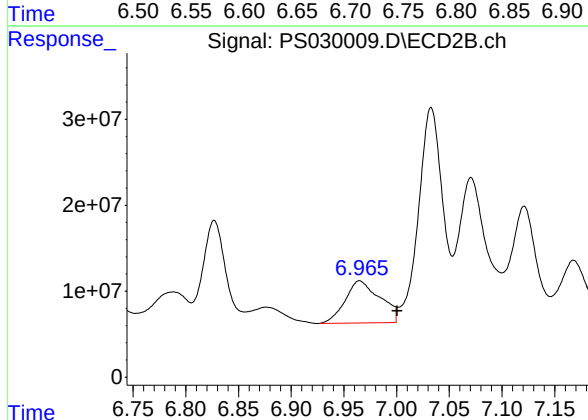
#3 4-Nitrophenol

R.T.: 6.704 min
Delta R.T.: -0.027 min
Response: 112572034
Conc: 63.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSRE

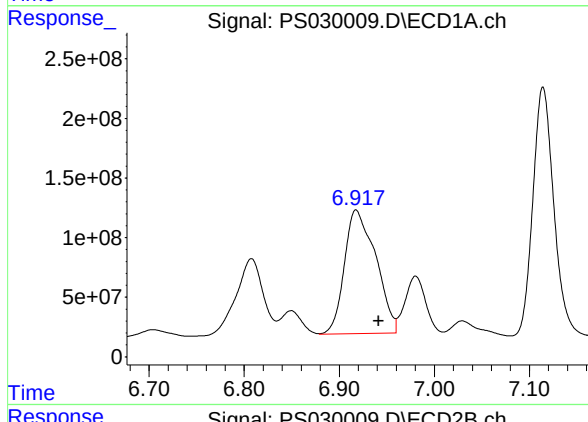
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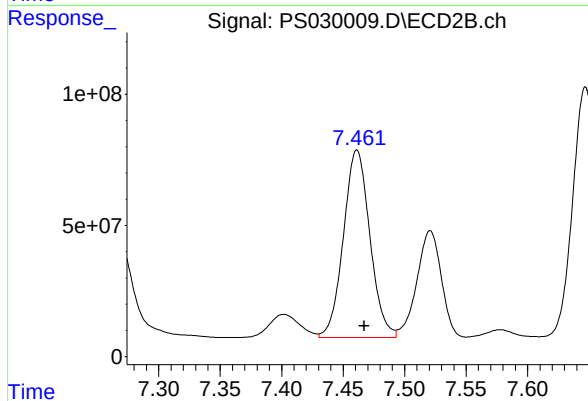
#3 4-Nitrophenol

R.T.: 6.965 min
Delta R.T.: -0.036 min
Response: 114325025
Conc: 149.26 ng/ml



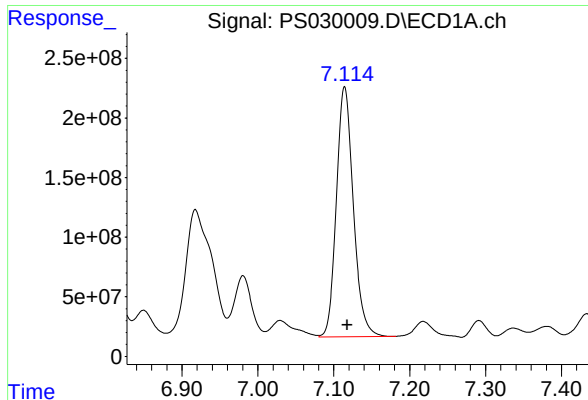
#4 2,4-DCAA

R.T.: 6.918 min
Delta R.T.: -0.023 min
Response: 2373501437
Conc: 964.41 ng/ml



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 1070532608
Conc: 1519.53 ng/ml



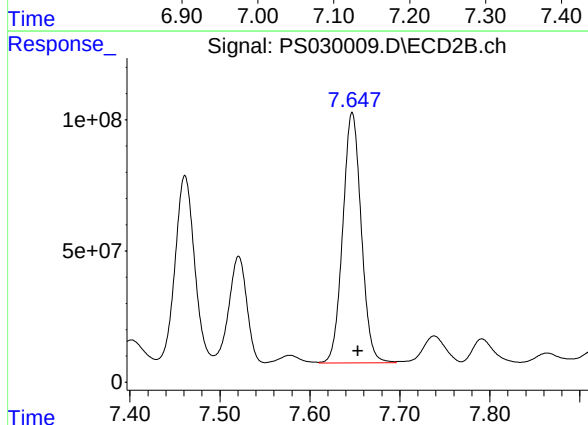
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 3248306924
Conc: 328.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSRE

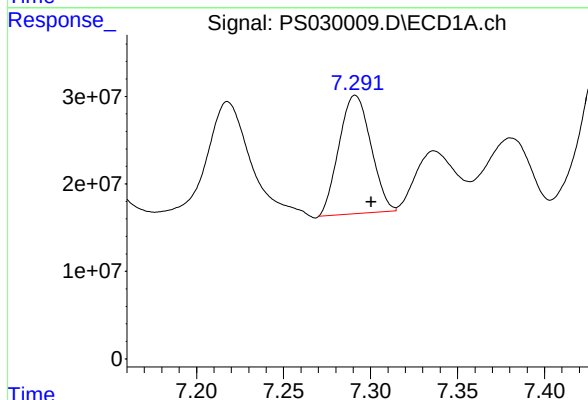
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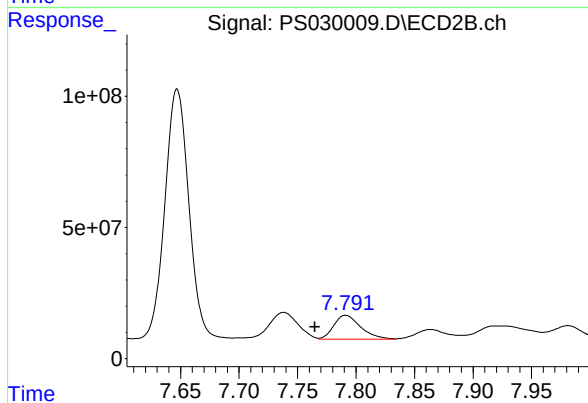
#5 DICAMBA

R.T.: 7.647 min
Delta R.T.: -0.007 min
Response: 1362514422
Conc: 344.93 ng/ml



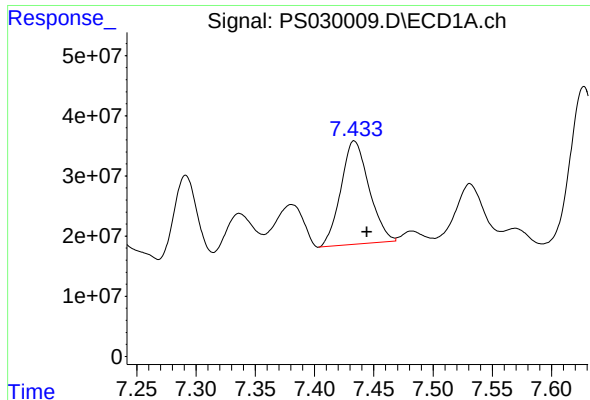
#6 MCPP

R.T.: 7.291 min
Delta R.T.: -0.009 min
Response: 173178649
Conc: 26.88 ug/ml



#6 MCPP

R.T.: 7.791 min
Delta R.T.: 0.026 min
Response: 145090802
Conc: 82.96 ug/ml



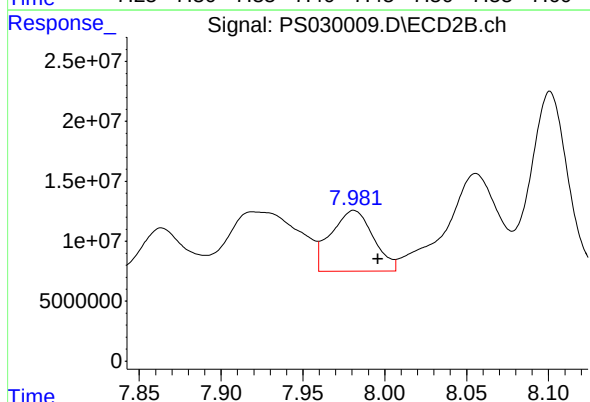
#7 MCPA

R.T.: 7.434 min
Delta R.T.: -0.011 min
Response: 285002612
Conc: 32.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSRE

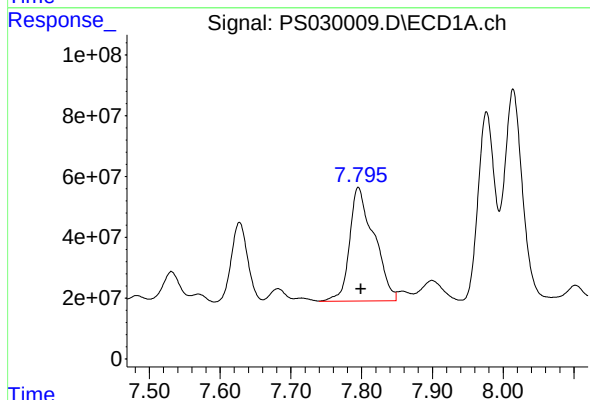
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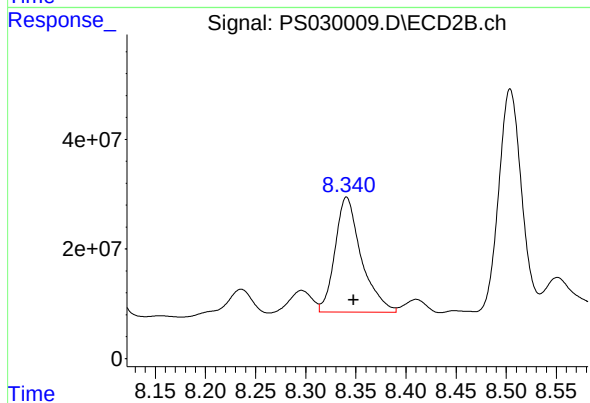
#7 MCPA

R.T.: 7.981 min
Delta R.T.: -0.015 min
Response: 91517719
Conc: 38.68 ug/ml



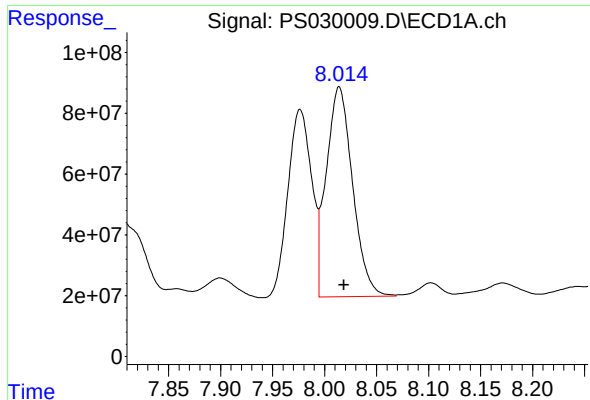
#8 DICHLORPROP

R.T.: 7.796 min
Delta R.T.: -0.003 min
Response: 896529829
Conc: 353.79 ng/ml



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.007 min
Response: 383676070
Conc: 382.16 ng/ml



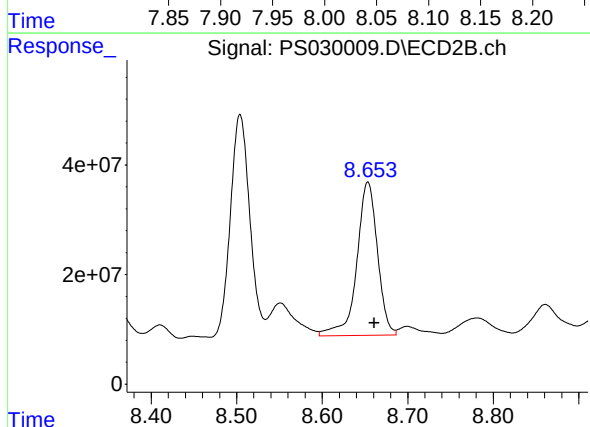
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 1213731768
Conc: 431.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSRE

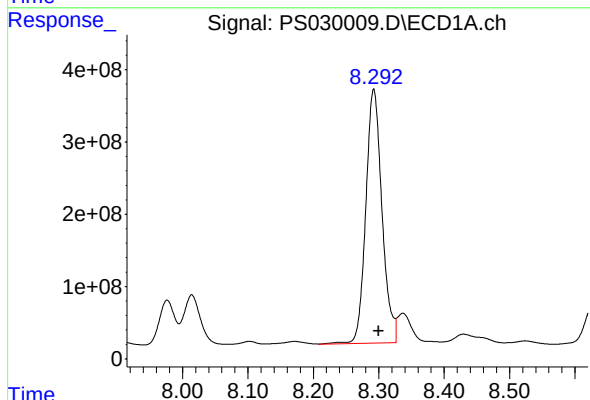
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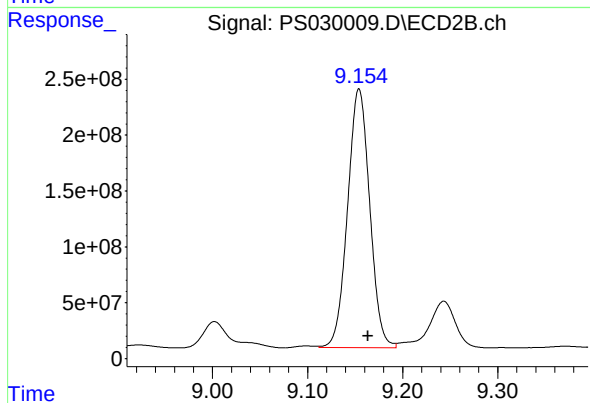
#9 2,4-D

R.T.: 8.653 min
Delta R.T.: -0.008 min
Response: 470572964
Conc: 417.51 ng/ml



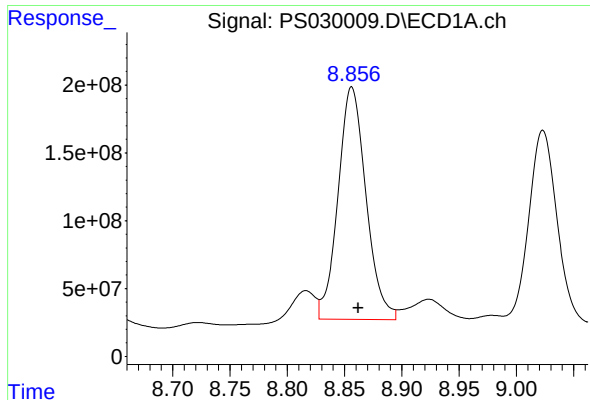
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.007 min
Response: 6031018209
Conc: 172.88 ng/ml



#10 Pentachlorophenol

R.T.: 9.154 min
Delta R.T.: -0.009 min
Response: 3747368065
Conc: 184.19 ng/ml



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

R.T.: 8.856 min
Delta R.T.: -0.006 min
Response: 2902723572
Conc: 209.39 ng/ml

Instrument :

ECD_S

ClientSampleId :

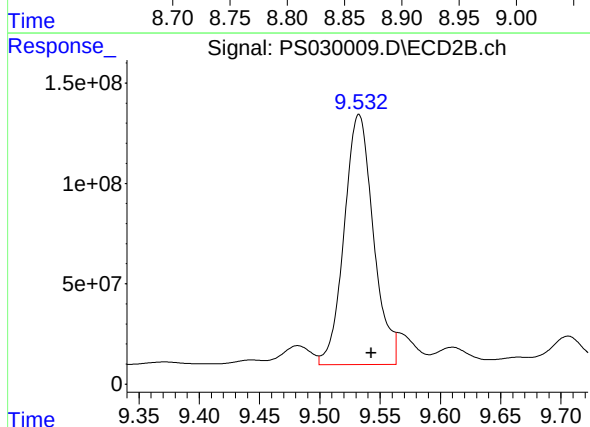
WC-5MSRE

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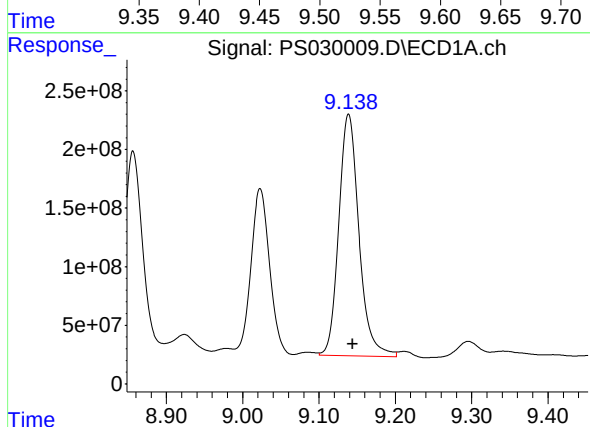
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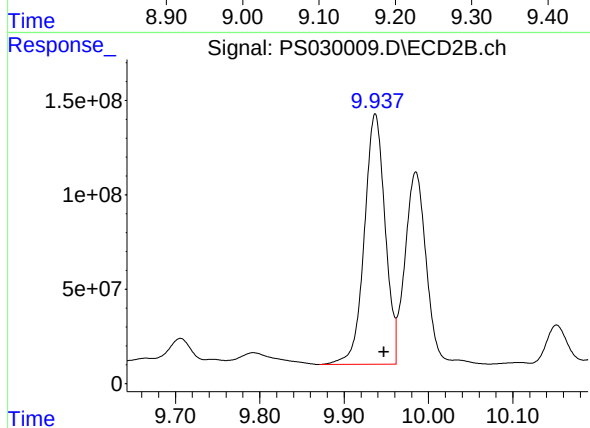
#11 2,4,5-TP (SILVEX)

R.T.: 9.532 min
Delta R.T.: -0.011 min
Response: 2098733090
Conc: 256.51 ng/ml



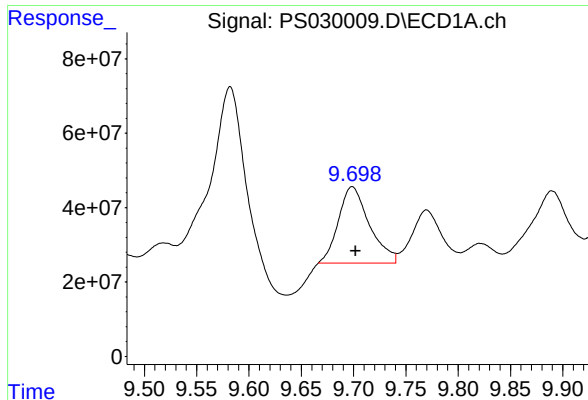
#12 2,4,5-T

R.T.: 9.139 min
Delta R.T.: -0.005 min
Response: 3795258729
Conc: 270.07 ng/ml



#12 2,4,5-T

R.T.: 9.937 min
Delta R.T.: -0.010 min
Response: 2269681201
Conc: 292.39 ng/ml



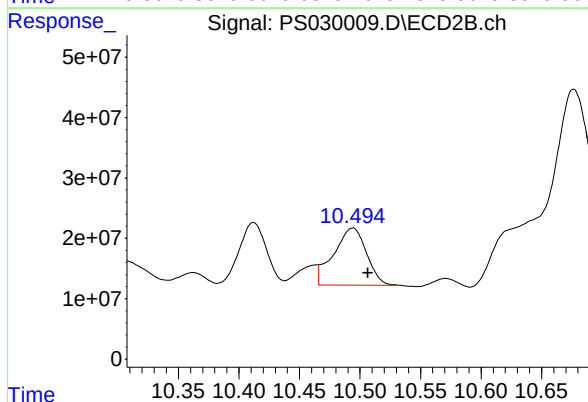
#13 2,4-DB

R.T.: 9.698 min
Delta R.T.: -0.004 min
Response: 423927736
Conc: 185.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-5MSRE

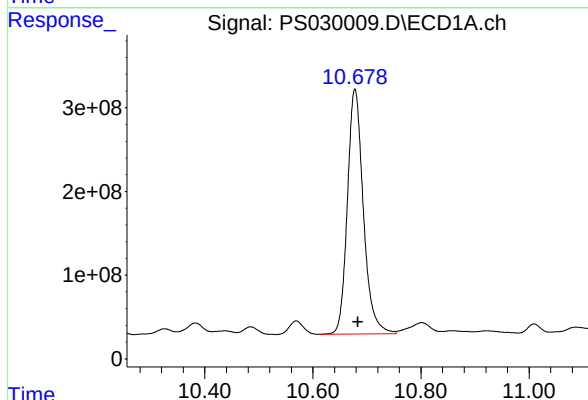
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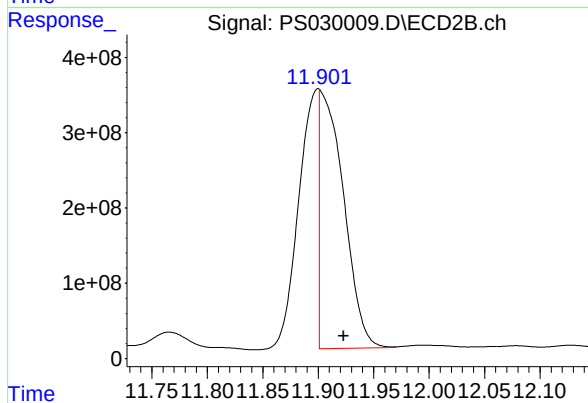
#13 2,4-DB

R.T.: 10.494 min
Delta R.T.: -0.013 min
Response: 177190222
Conc: 220.16 ng/ml m



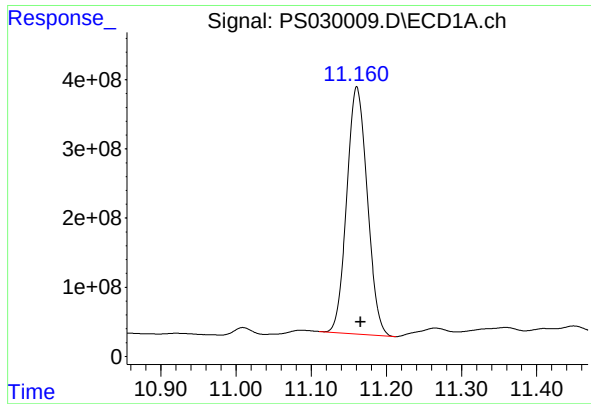
#15 Picloram

R.T.: 10.678 min
Delta R.T.: -0.006 min
Response: 6009103761
Conc: 327.82 ng/ml



#15 Picloram

R.T.: 11.901 min
Delta R.T.: -0.022 min
Response: 5144439128
Conc: 418.80 ng/ml m



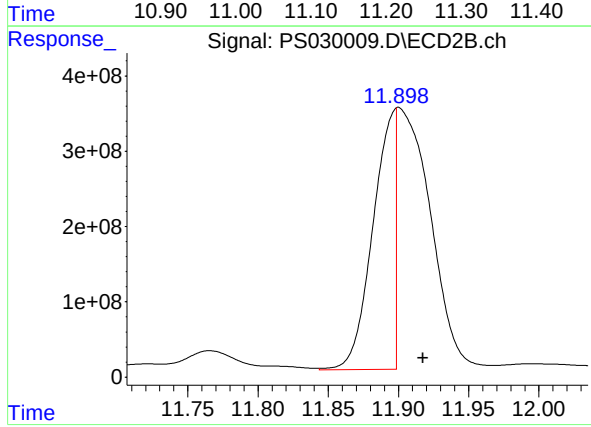
#16 DCPA

R.T.: 11.161 min
Delta R.T.: -0.005 min
Response: 6780800158
Conc: 398.38 ng/ml

Instrument :
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#16 DCPA

R.T.: 11.898 min
Delta R.T.: -0.019 min
Response: 3973993117
Conc: 352.57 ng/ml m