

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 16:16
 Operator : AR\AJ
 Sample : Q1901-08MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-167-SB01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:58:00 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 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	6.939	7.461	1701.1E6	415.3E6	691.201m	589.526
Target Compounds							
1) T	Dalapon	2.447	2.522	1791.3E6	856.4E6	437.402	493.283m
2) T	3,5-DICHL...	6.142	6.459	2133.4E6	600.1E6	596.970	613.850
3) T	4-Nitroph...	6.730	6.997	14909010	5649598	8.360	7.376m
5) T	DICAMBA	7.114	7.646	5186.9E6	2361.5E6	523.780	597.831
6) T	MCPD	7.291	7.754	457.7E6	91698459	71.033m	52.431 #
7) T	MCPA	7.434	7.982	442.4E6	134.4E6	50.096	56.792m
8) T	DICHLORPROP	7.793	8.339	1444.9E6	713.9E6	570.193	711.074m
9) T	2,4-D	8.013	8.652	1885.5E6	747.1E6	670.295	662.832
10) T	Pentachlo...	8.292	9.153	19451.4E6	11594.1E6	557.587	569.879
11) T	2,4,5-TP ...	8.855	9.532	8785.7E6	5409.3E6	633.761	661.141
12) T	2,4,5-T	9.137	9.936	8613.3E6	4842.1E6	612.909	623.777
13) T	2,4-DB	9.695	10.493	1154.6E6	468.7E6	505.224m	582.352m
14) T	DINOSEB	10.858	10.868	4206.7E6	2346.0E6	413.503	402.332
15) T	Picloram	10.677	11.903	9094.6E6	6520.5E6	496.141	530.831m
16) T	DCPA	11.159	11.901	10091.7E6	5920.2E6	592.897	525.233m

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

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Acq On : 06 May 2025 16:16
Operator : AR\AJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

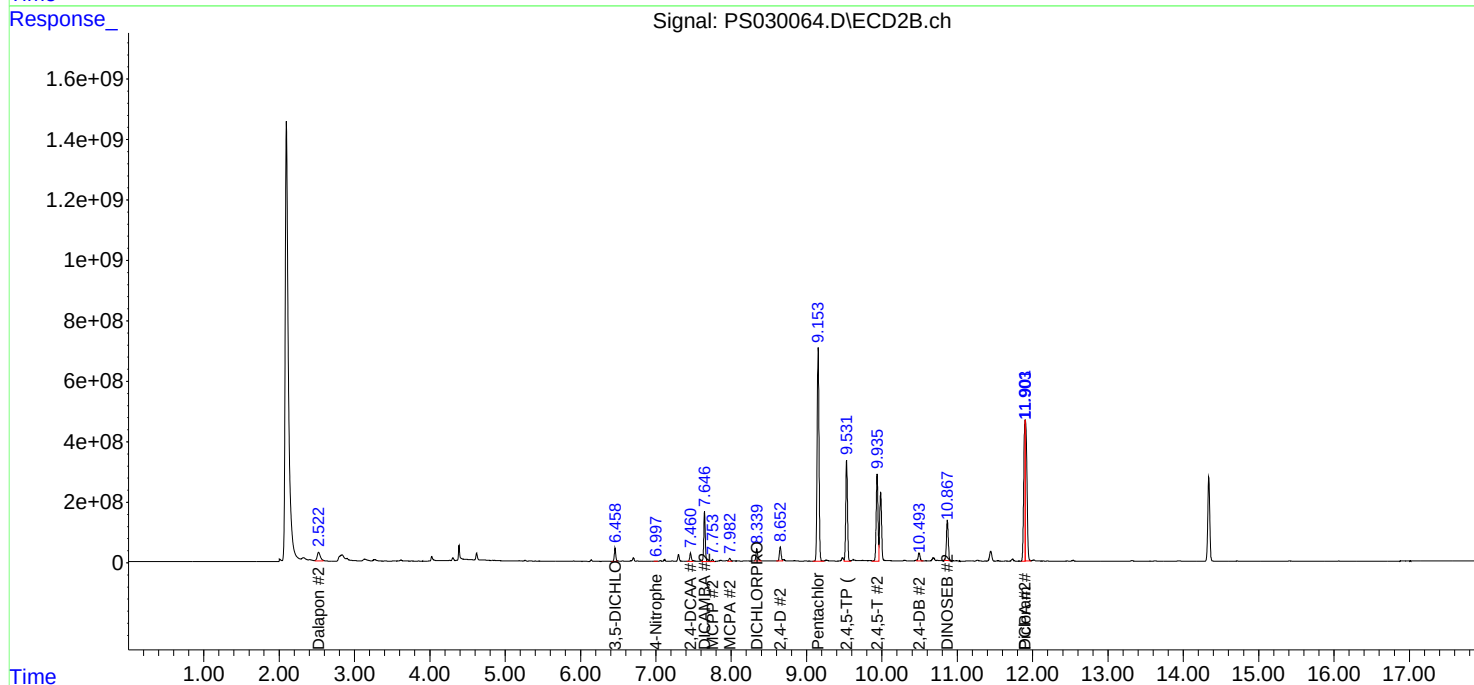
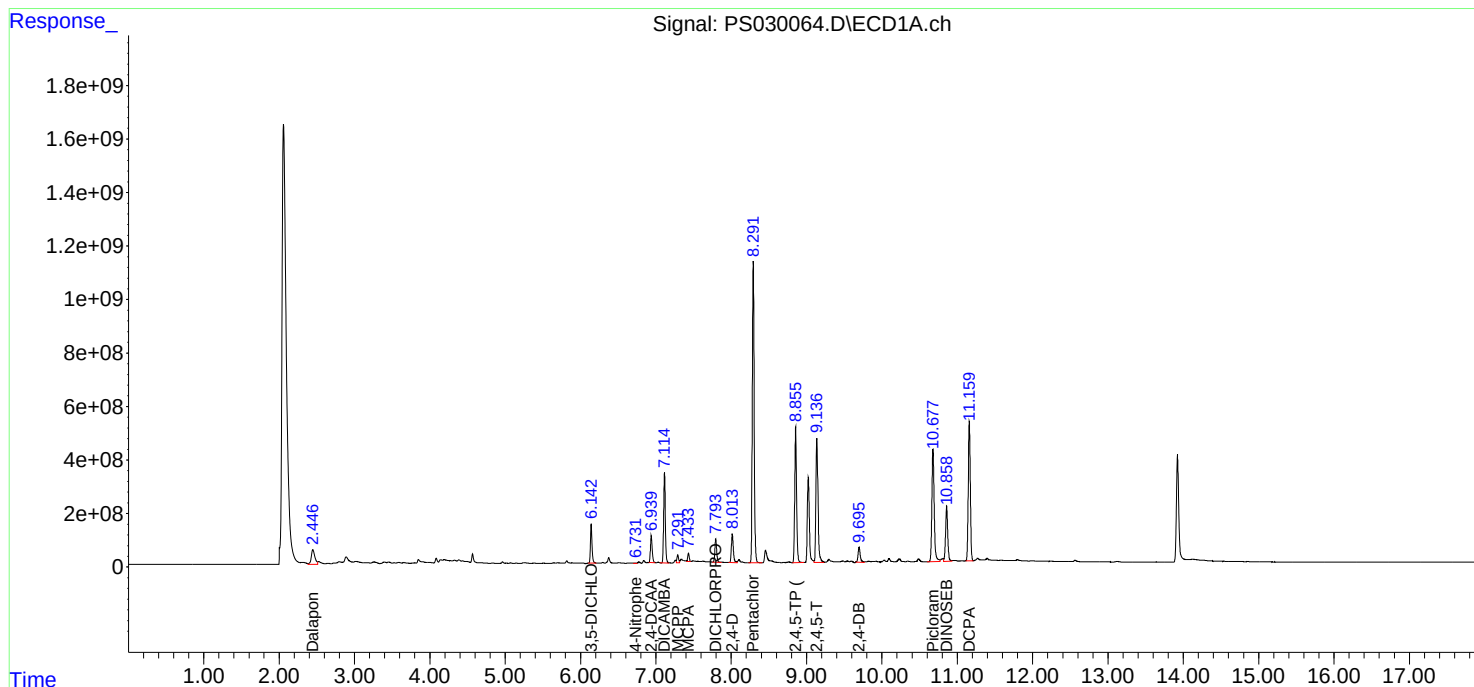
Instrument :
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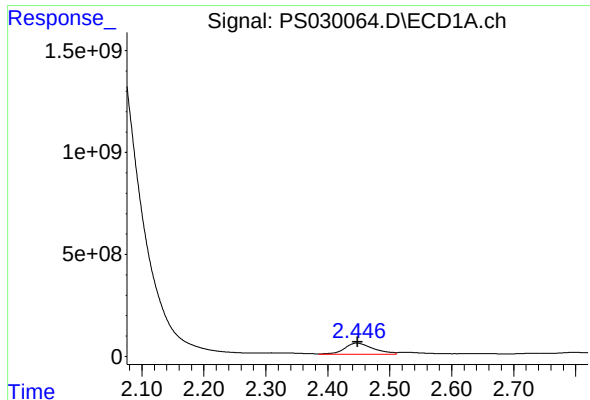
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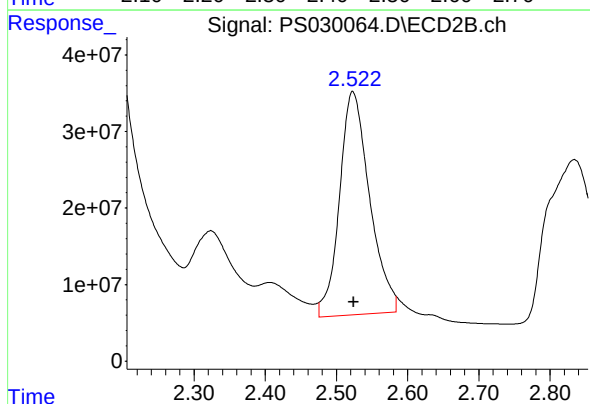
#1 Dalapon

R.T.: 2.447 min
Delta R.T.: -0.001 min
Response: 1791275928
Conc: 437.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

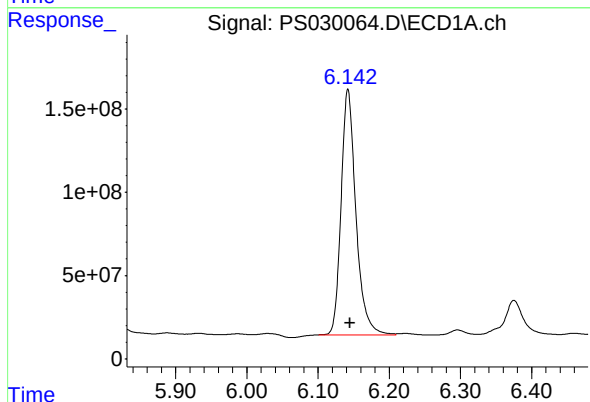
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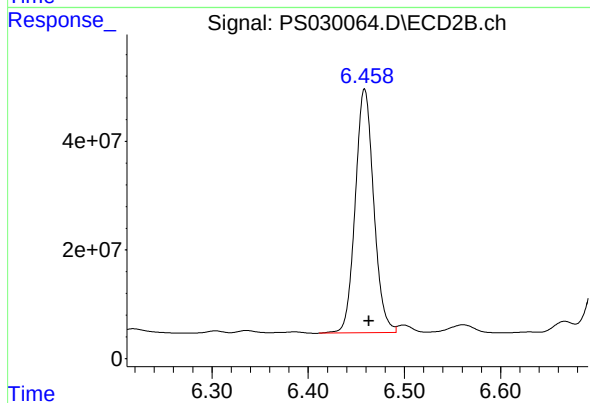
#1 Dalapon

R.T.: 2.522 min
Delta R.T.: -0.002 min
Response: 856410167
Conc: 493.28 ng/ml m



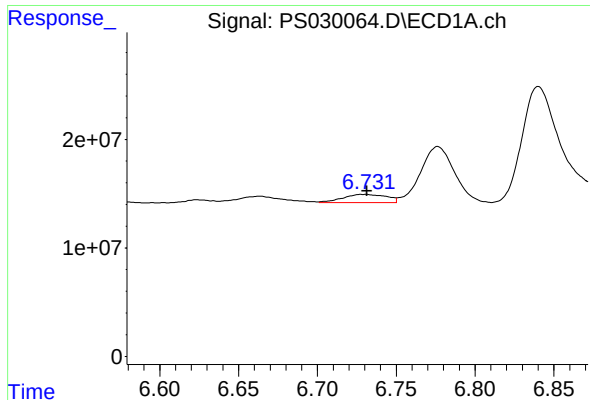
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 2133444504
Conc: 596.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 600087427
Conc: 613.85 ng/ml



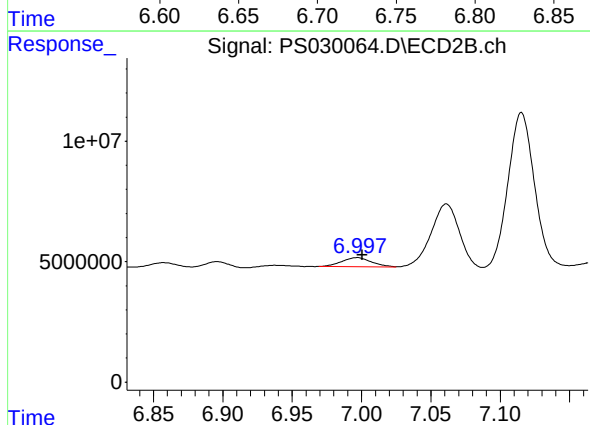
#3 4-Nitrophenol

R.T.: 6.730 min
Delta R.T.: -0.001 min
Response: 14909010
Conc: 8.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

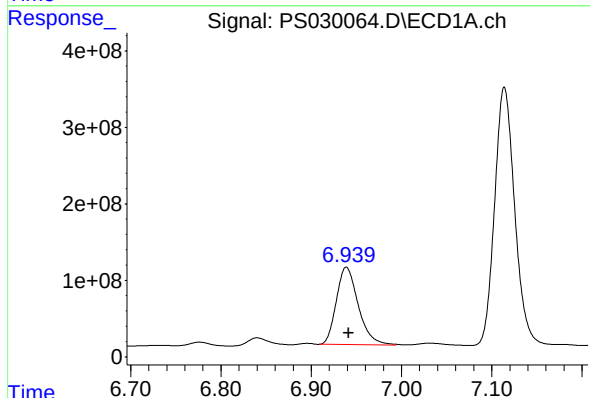
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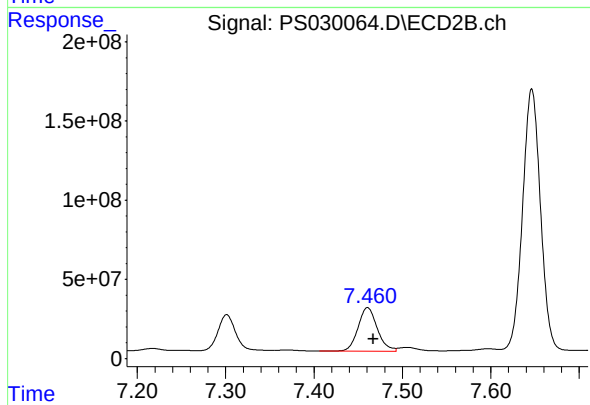
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 5649598
Conc: 7.38 ng/ml



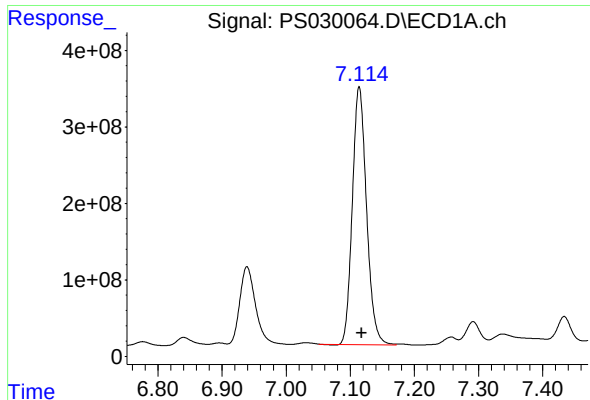
#4 2,4-DCAA

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 1701100492
Conc: 691.20 ng/ml



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 415331196
Conc: 589.53 ng/ml



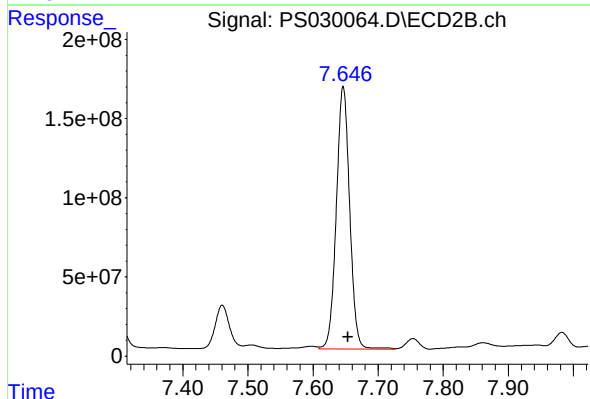
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 5186924543
Conc: 523.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

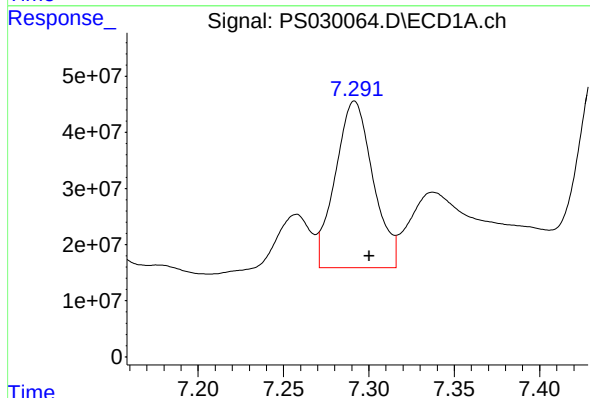
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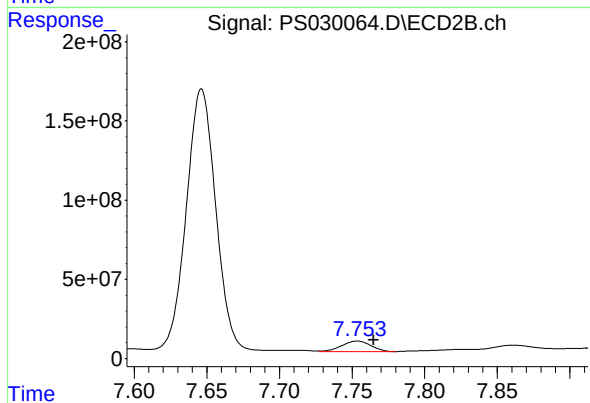
#5 DICAMBA

R.T.: 7.646 min
Delta R.T.: -0.007 min
Response: 2361471649
Conc: 597.83 ng/ml



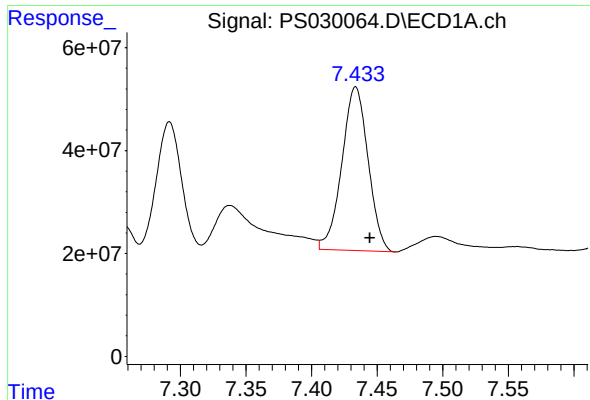
#6 MCPP

R.T.: 7.291 min
Delta R.T.: -0.009 min
Response: 457709403
Conc: 71.03 ug/ml m



#6 MCPP

R.T.: 7.754 min
Delta R.T.: -0.011 min
Response: 91698459
Conc: 52.43 ug/ml



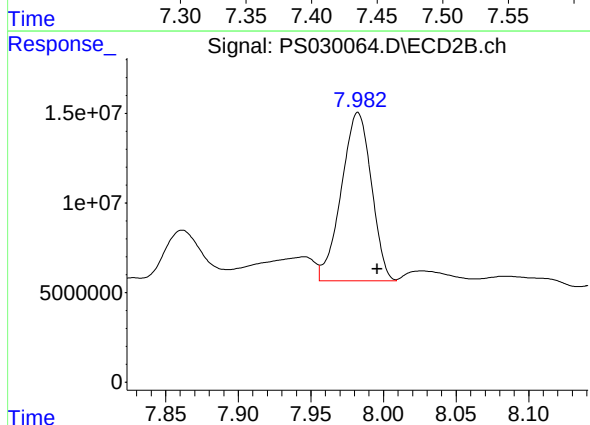
#7 MCPA

R.T.: 7.434 min
Delta R.T.: -0.011 min
Response: 442416952
Conc: 50.10 ug/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

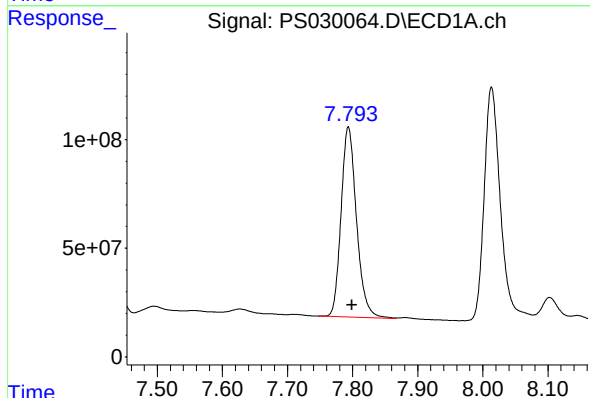
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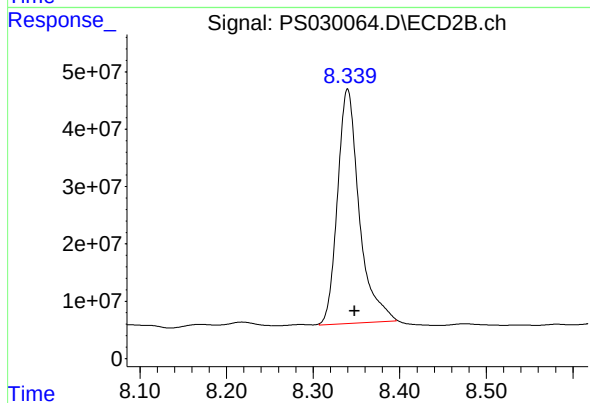
#7 MCPA

R.T.: 7.982 min
Delta R.T.: -0.014 min
Response: 134357602
Conc: 56.79 ug/ml



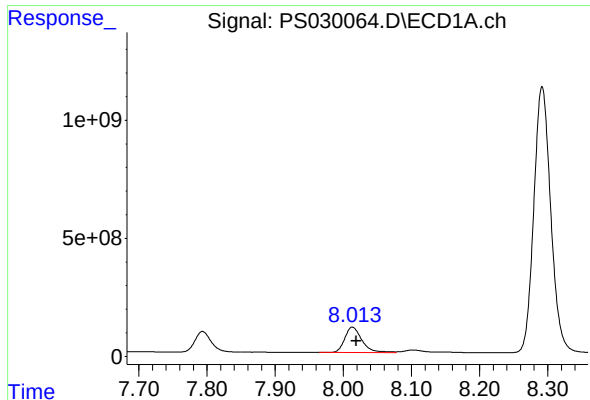
#8 DICHLORPROP

R.T.: 7.793 min
Delta R.T.: -0.006 min
Response: 1444929895
Conc: 570.19 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.008 min
Response: 713893085
Conc: 711.07 ng/ml



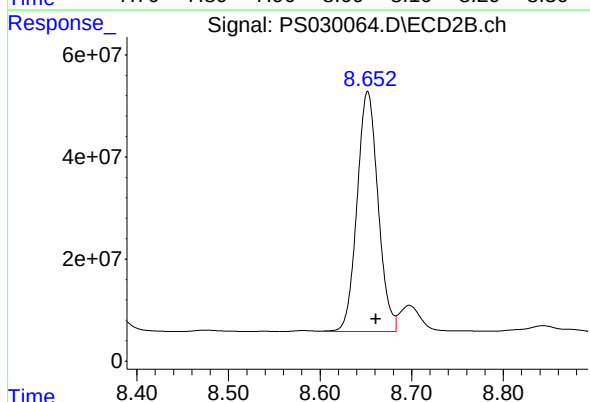
#9 2,4-D

R.T.: 8.013 min
Delta R.T.: -0.005 min
Response: 1885453467
Conc: 670.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

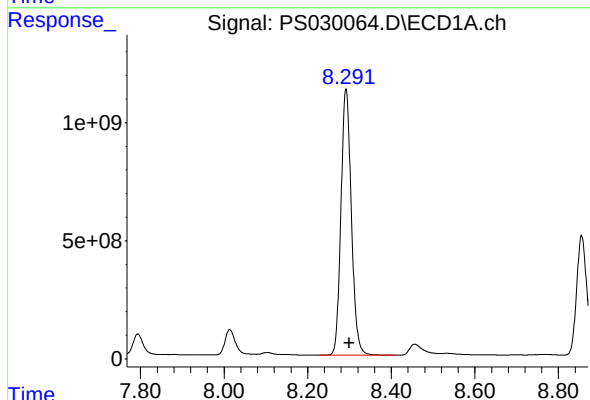
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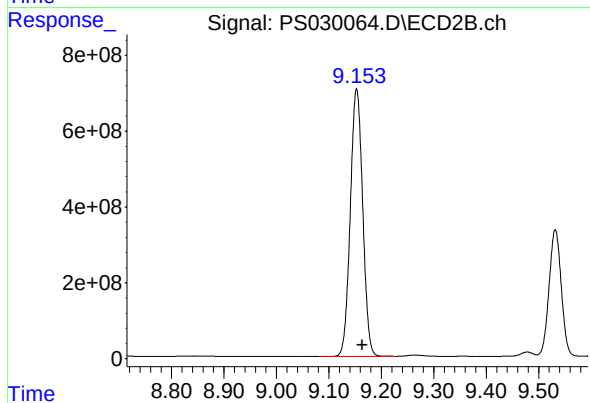
#9 2,4-D

R.T.: 8.652 min
Delta R.T.: -0.009 min
Response: 747082218
Conc: 662.83 ng/ml



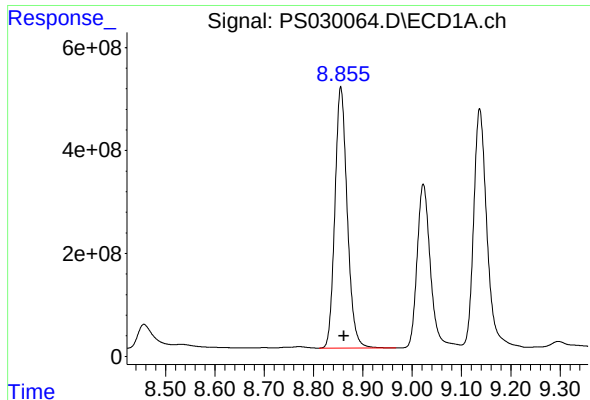
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.008 min
Response: 19451442304
Conc: 557.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.153 min
Delta R.T.: -0.011 min
Response: 11594086141
Conc: 569.88 ng/ml



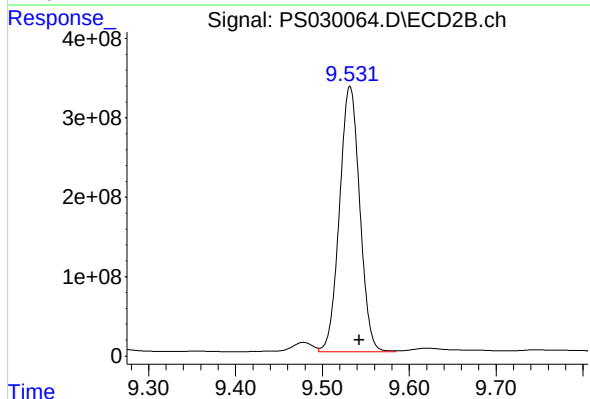
#11 2,4,5-TP (SILVEX)

R.T.: 8.855 min
Delta R.T.: -0.007 min
Response: 8785727224
Conc: 633.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

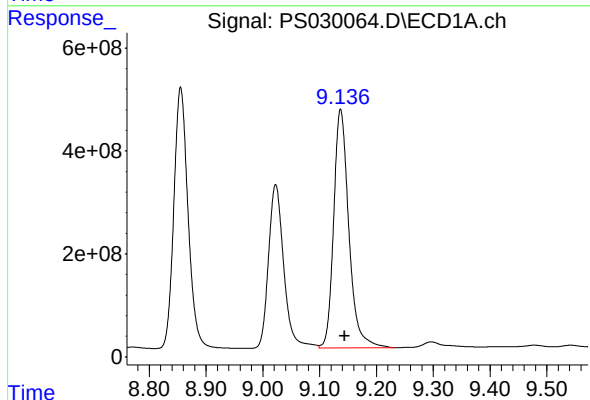
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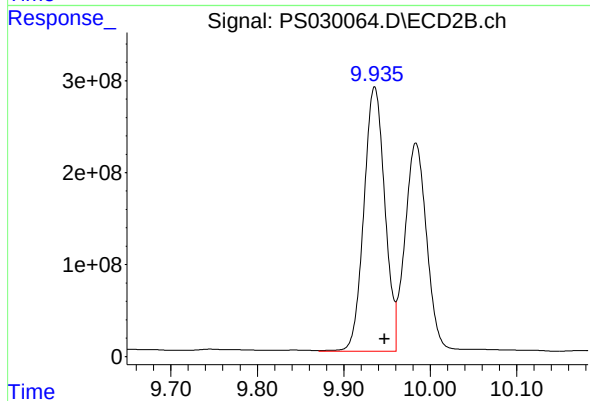
#11 2,4,5-TP (SILVEX)

R.T.: 9.532 min
Delta R.T.: -0.011 min
Response: 5409288498
Conc: 661.14 ng/ml



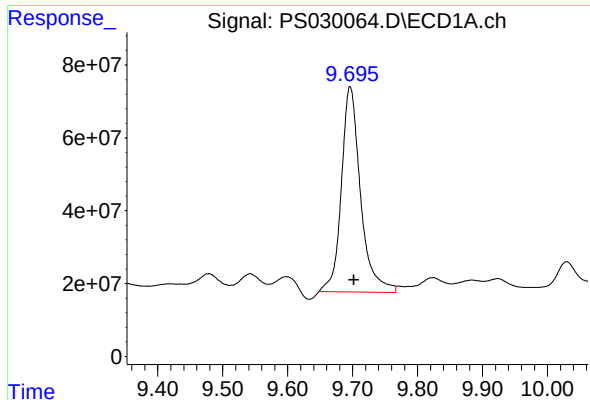
#12 2,4,5-T

R.T.: 9.137 min
Delta R.T.: -0.007 min
Response: 8613280729
Conc: 612.91 ng/ml



#12 2,4,5-T

R.T.: 9.936 min
Delta R.T.: -0.012 min
Response: 4842132270
Conc: 623.78 ng/ml



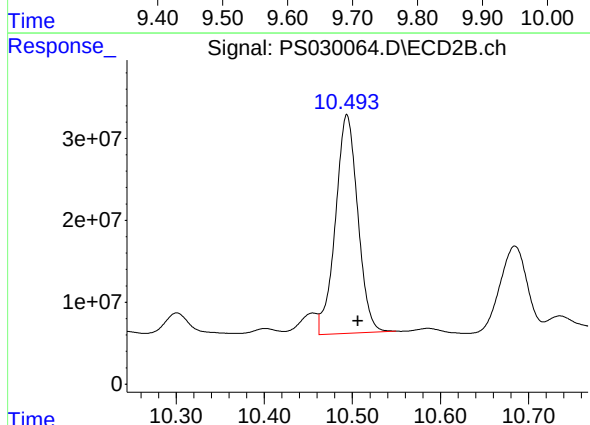
#13 2,4-DB

R.T.: 9.695 min
Delta R.T.: -0.007 min
Response: 1154616682
Conc: 505.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

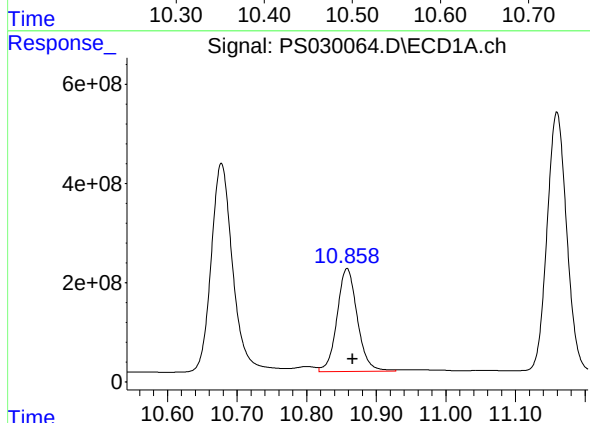
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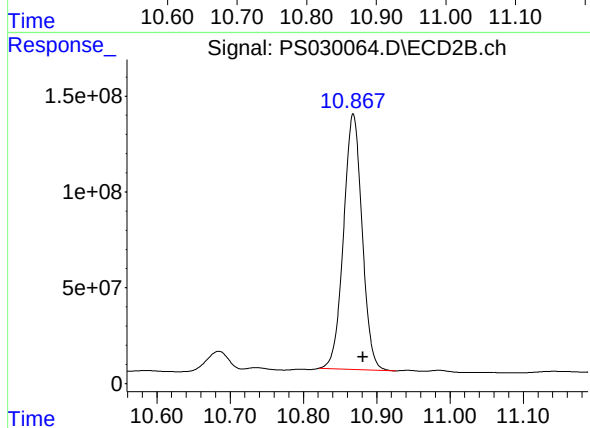
#13 2,4-DB

R.T.: 10.493 min
Delta R.T.: -0.013 min
Response: 468701717
Conc: 582.35 ng/ml



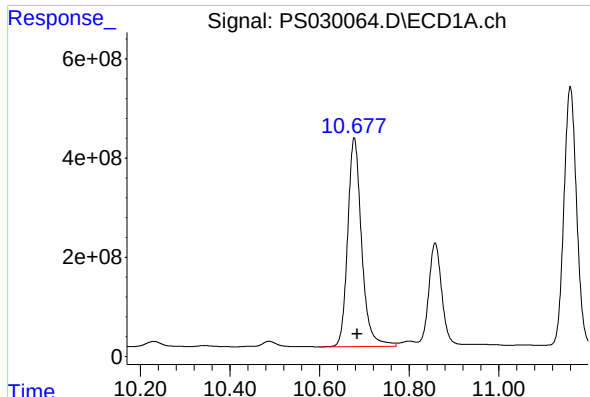
#14 DINOSEB

R.T.: 10.858 min
Delta R.T.: -0.008 min
Response: 4206739432
Conc: 413.50 ng/ml



#14 DINOSEB

R.T.: 10.868 min
Delta R.T.: -0.013 min
Response: 2345989327
Conc: 402.33 ng/ml



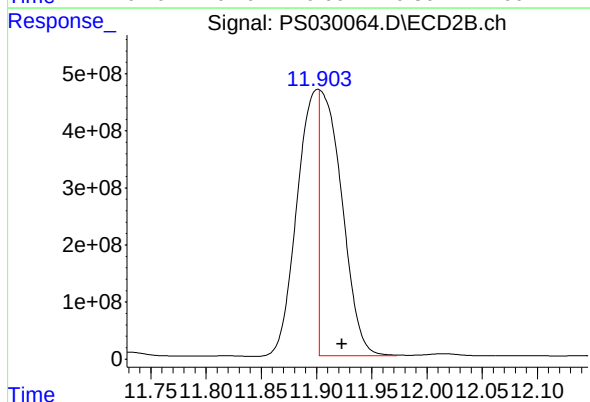
#15 Picloram

R.T.: 10.677 min
Delta R.T.: -0.006 min
Response: 9094564862
Conc: 496.14 ng/ml

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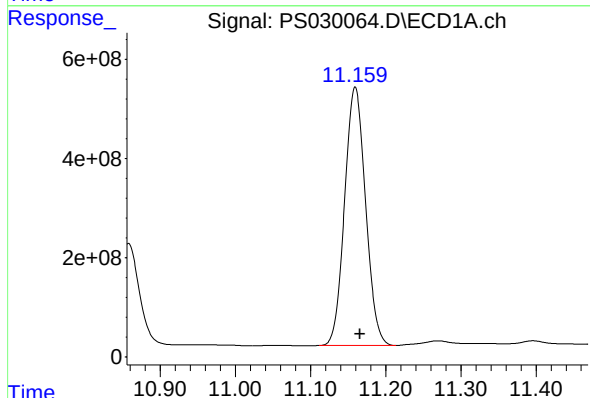
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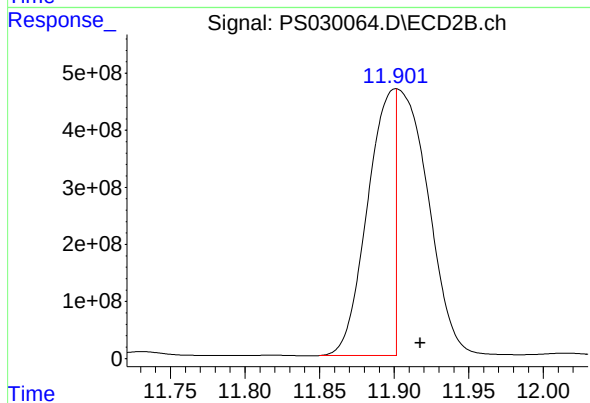
#15 Picloram

R.T.: 11.903 min
Delta R.T.: -0.020 min
Response: 6520533241
Conc: 530.83 ng/ml m



#16 DCPA

R.T.: 11.159 min
Delta R.T.: -0.006 min
Response: 10091697688
Conc: 592.90 ng/ml



#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 5920246094
Conc: 525.23 ng/ml m