

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 14:15
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

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 01:55:16 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	6.938	7.461	1879.7E6	558.7E6	763.785	793.078
Target Compounds							
1) T	Dalapon	2.448	2.522	2710.6E6	1164.7E6	661.884m	670.857m
2) T	3,5-DICHL...	6.143	6.459	2528.0E6	712.0E6	707.385	728.324
3) T	4-Nitroph...	6.729	6.995	1243.0E6	533.9E6	697.020	697.085
5) T	DICAMBA	7.114	7.646	7227.9E6	3028.0E6	729.878	766.568m
6) T	MCP	7.292	7.754	489.9E6	127.6E6	76.021m	72.952
7) T	MCPA	7.436	7.984	643.5E6	172.6E6	72.862	72.939
8) T	DICHLORPROP	7.794	8.340	1800.3E6	758.0E6	710.425	755.039m
9) T	2,4-D	8.015	8.652	2024.0E6	825.2E6	719.564	732.170m
10) T	Pentachlo...	8.292	9.153	25932.5E6	15893.5E6	743.370	781.208
11) T	2,4,5-TP ...	8.856	9.532	10324.7E6	6320.0E6	744.776	772.445
12) T	2,4,5-T	9.138	9.935	10134.3E6	5867.9E6	721.146m	755.923
13) T	2,4-DB	9.696	10.494	1683.8E6	605.4E6	736.796	752.142
14) T	DINOSEB	10.858	10.867	6893.7E6	4244.6E6	677.621m	727.945
15) T	Picloram	10.678	11.902	13045.3E6	8956.4E6	711.667	729.132m
16) T	DCPA	11.159	11.901	12876.9E6	8370.0E6	756.528	742.572m

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

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Acq On : 06 May 2025 14:15
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

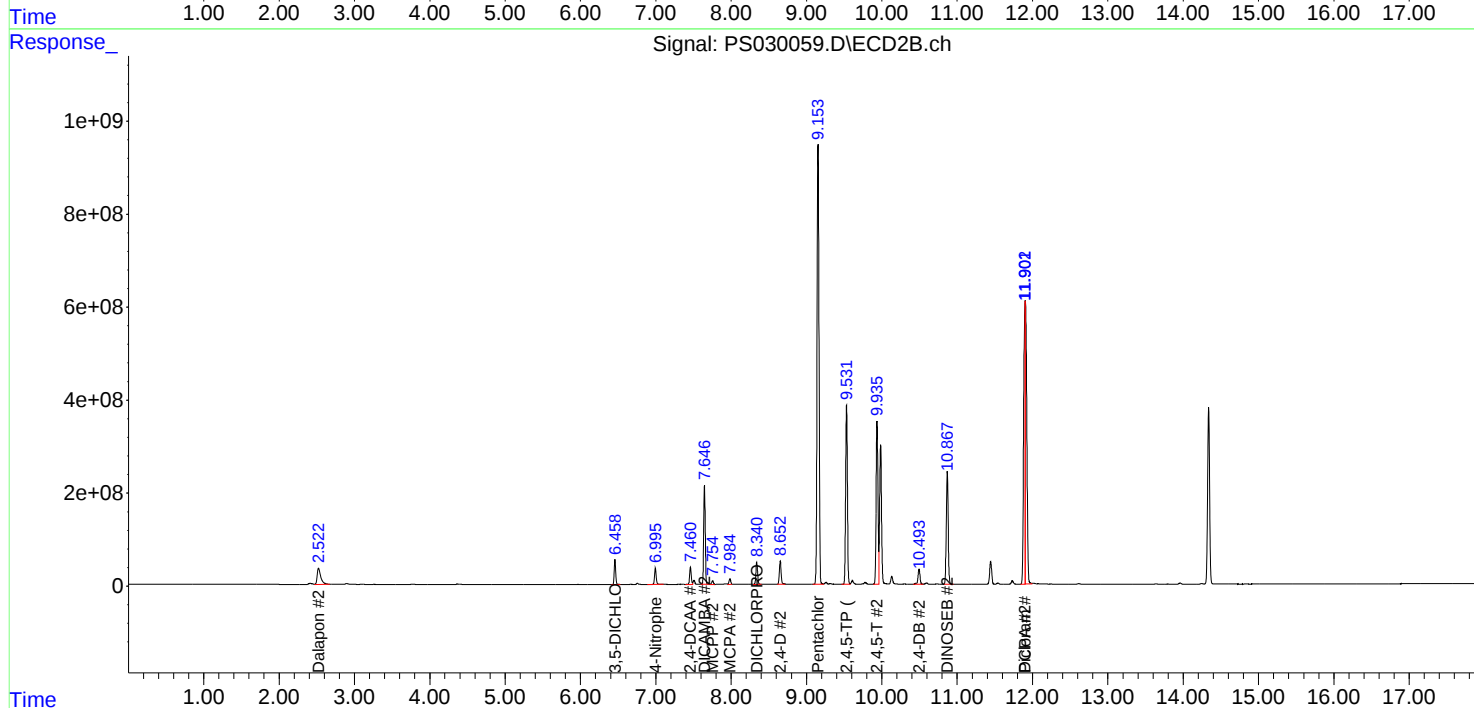
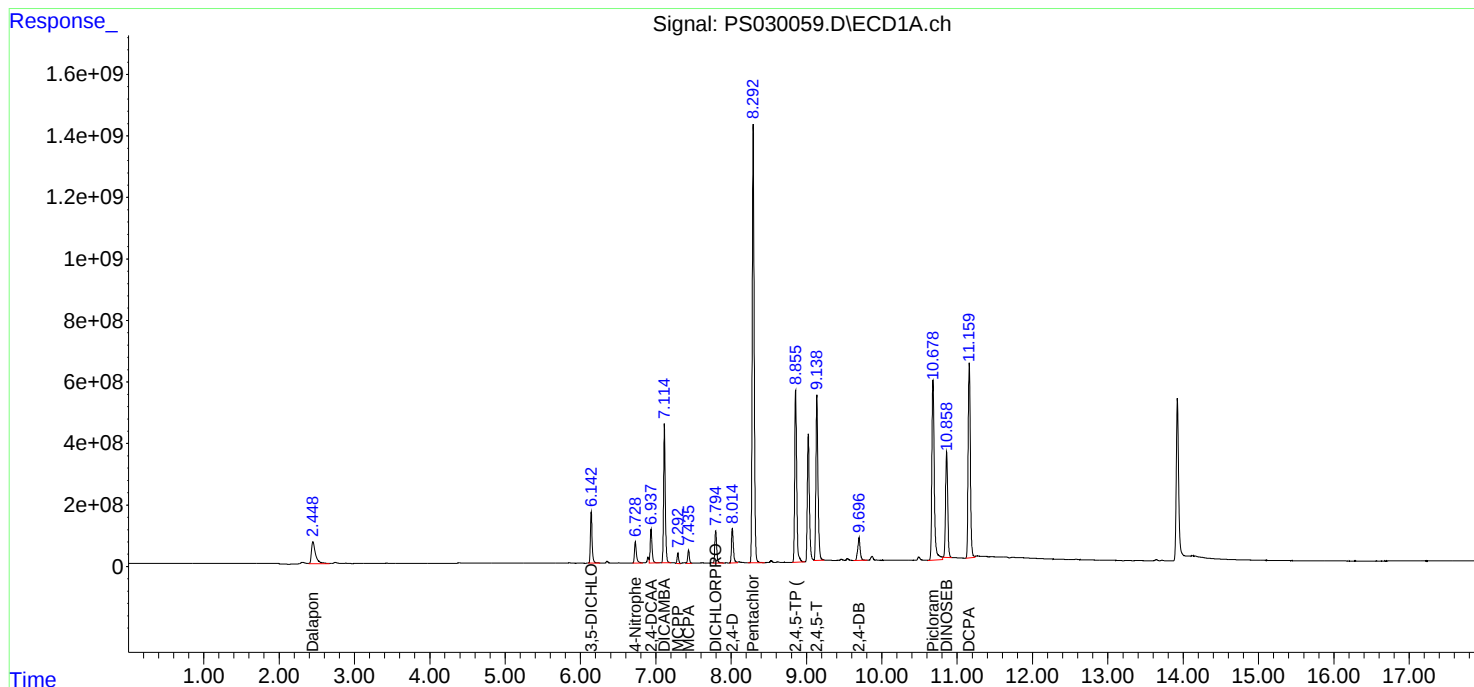
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

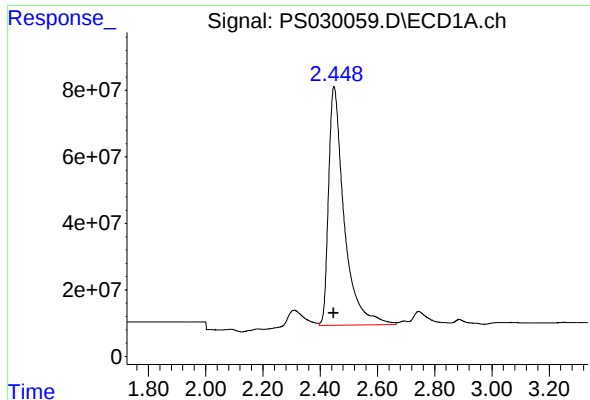
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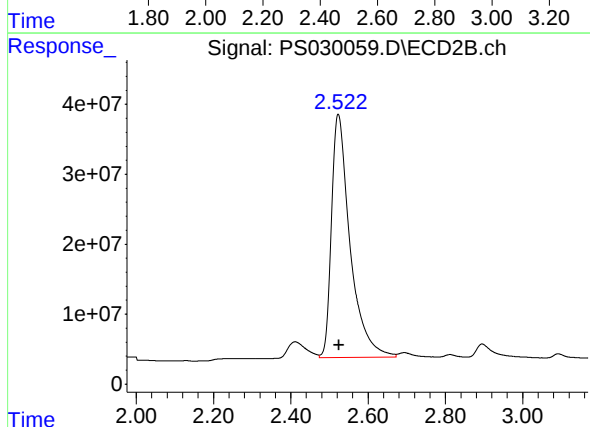
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2710588374
Conc: 661.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

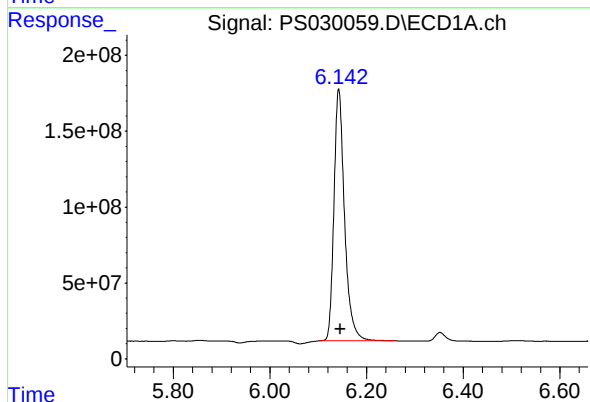
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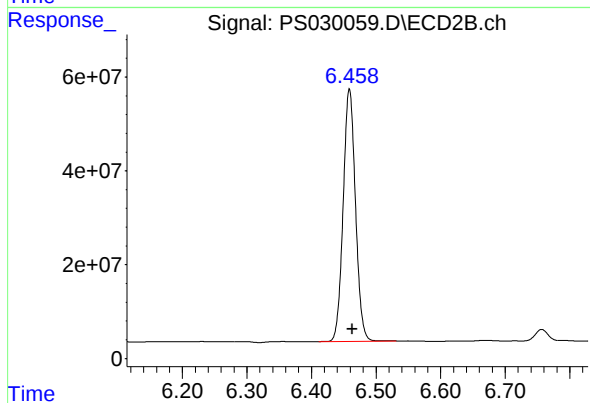
#1 Dalapon

R.T.: 2.522 min
Delta R.T.: -0.002 min
Response: 1164704021
Conc: 670.86 ng/ml



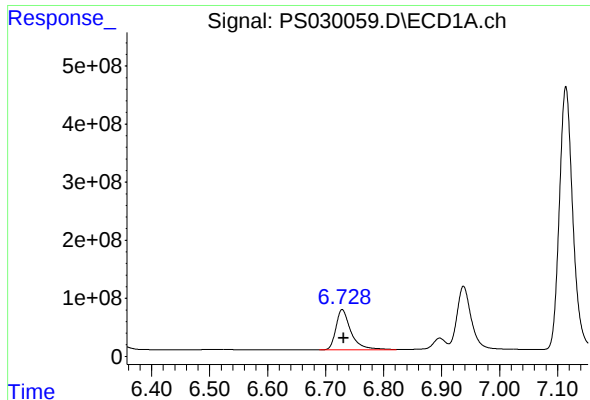
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.143 min
Delta R.T.: -0.003 min
Response: 2528044069
Conc: 707.39 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 711994448
Conc: 728.32 ng/ml



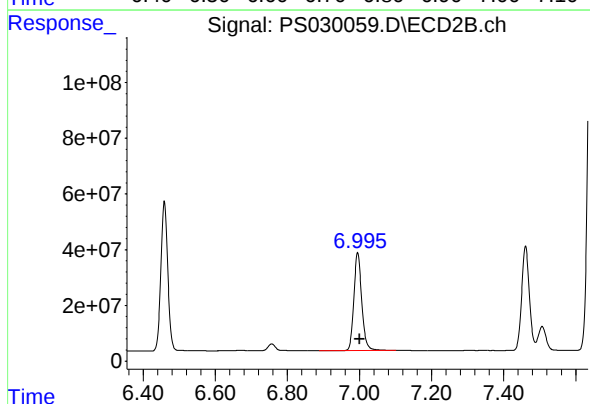
#3 4-Nitrophenol

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 1243009133
Conc: 697.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

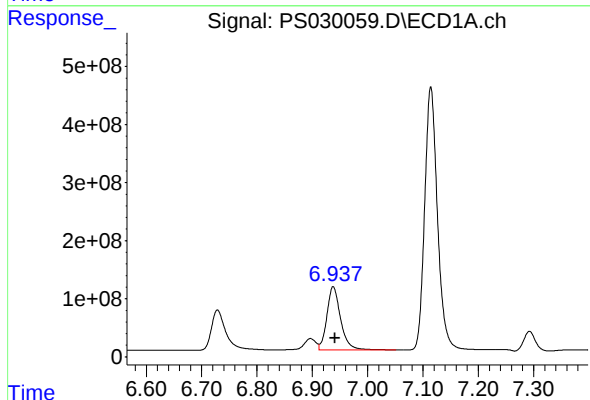
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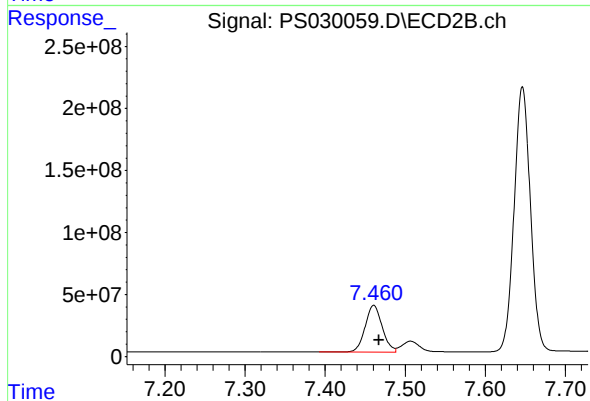
#3 4-Nitrophenol

R.T.: 6.995 min
Delta R.T.: -0.006 min
Response: 533912393
Conc: 697.09 ng/ml



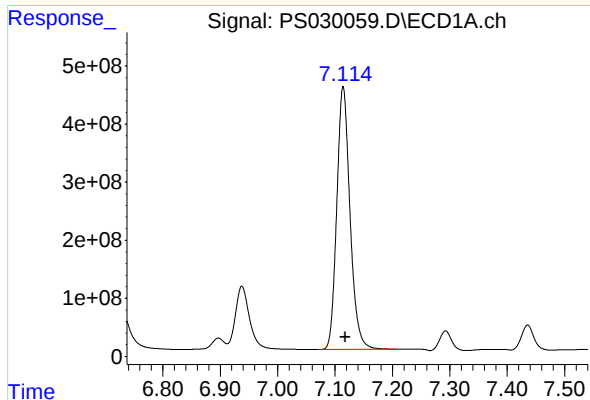
#4 2,4-DCAA

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 1879734184
Conc: 763.78 ng/ml



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 558736557
Conc: 793.08 ng/ml



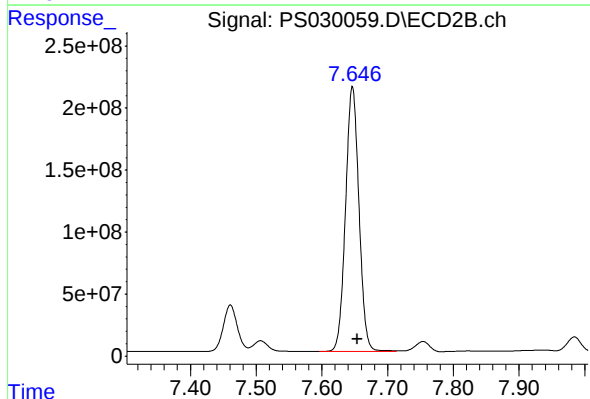
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 7227887180
Conc: 729.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

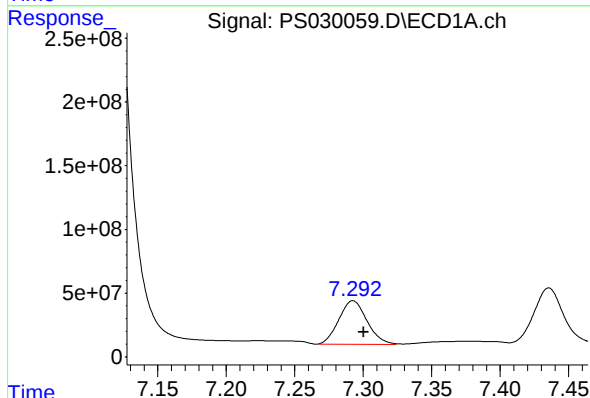
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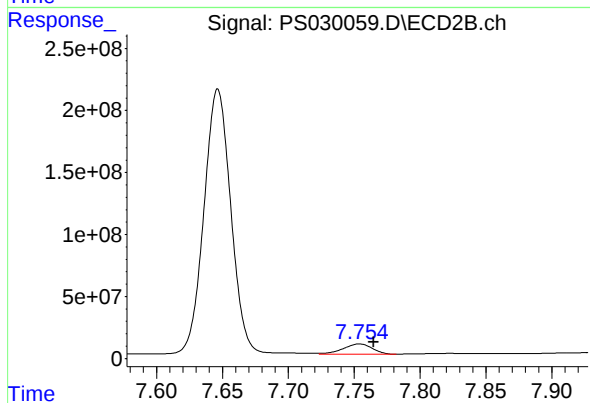
#5 DICAMBA

R.T.: 7.646 min
Delta R.T.: -0.008 min
Response: 3027992712
Conc: 766.57 ng/ml



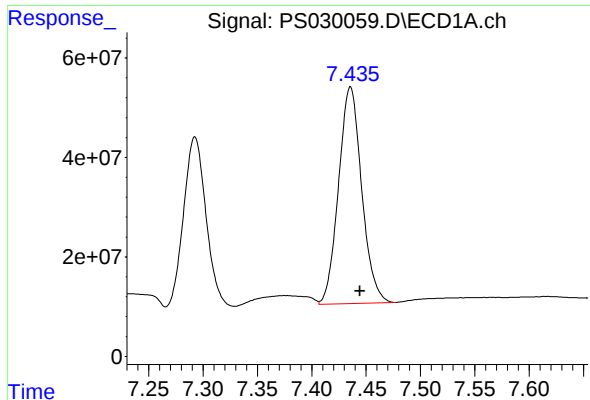
#6 MCPP

R.T.: 7.292 min
Delta R.T.: -0.008 min
Response: 489850716
Conc: 76.02 ug/ml



#6 MCPP

R.T.: 7.754 min
Delta R.T.: -0.011 min
Response: 127588906
Conc: 72.95 ug/ml



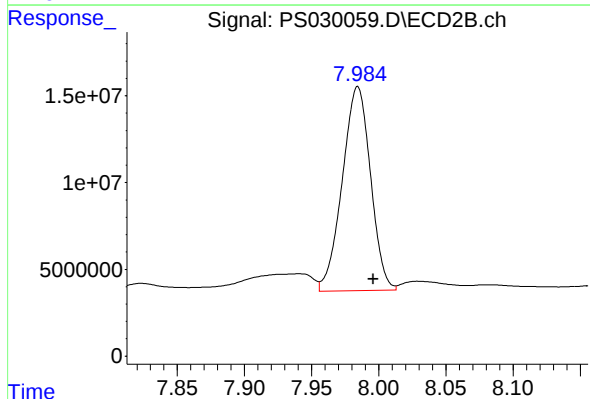
#7 MCPA

R.T.: 7.436 min
Delta R.T.: -0.009 min
Response: 643470674
Conc: 72.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

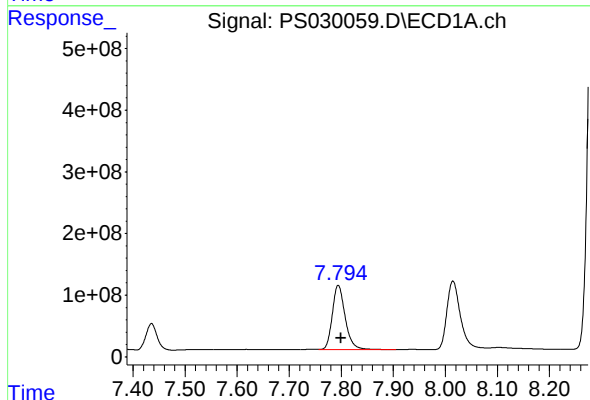
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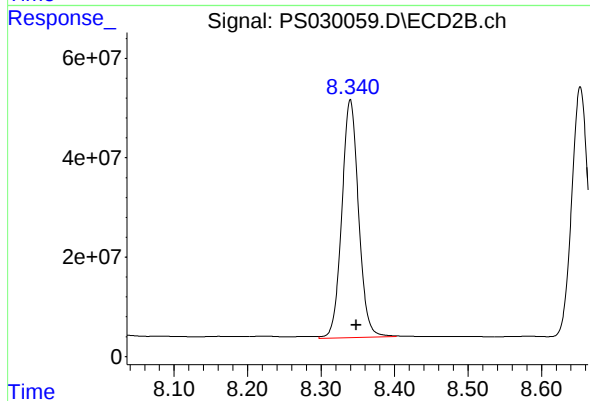
#7 MCPA

R.T.: 7.984 min
Delta R.T.: -0.011 min
Response: 172559452
Conc: 72.94 ug/ml



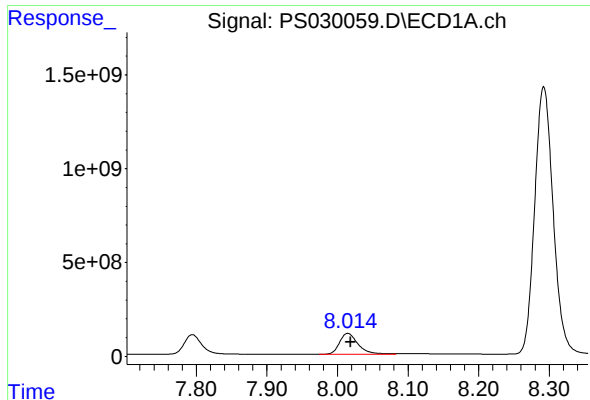
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1800292372
Conc: 710.42 ng/ml



#8 DICHLORPROP

R.T.: 8.340 min
Delta R.T.: -0.008 min
Response: 758031996
Conc: 755.04 ng/ml m



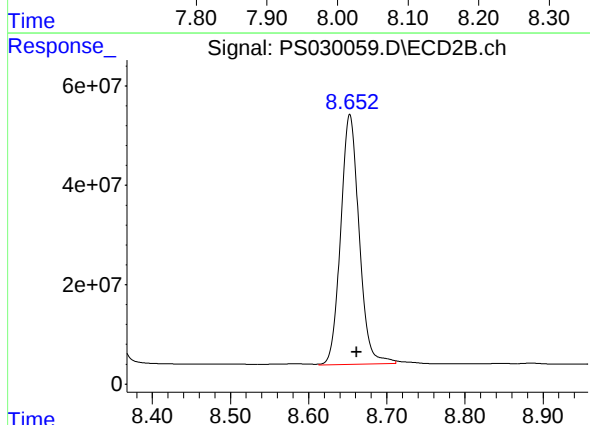
#9 2,4-D

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 2024040143
Conc: 719.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

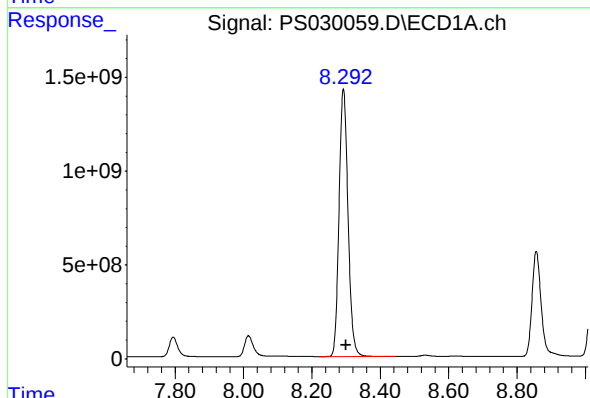
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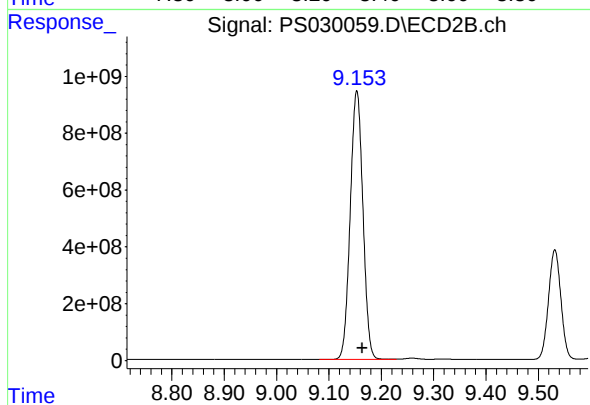
#9 2,4-D

R.T.: 8.652 min
Delta R.T.: -0.009 min
Response: 825233690
Conc: 732.17 ng/ml



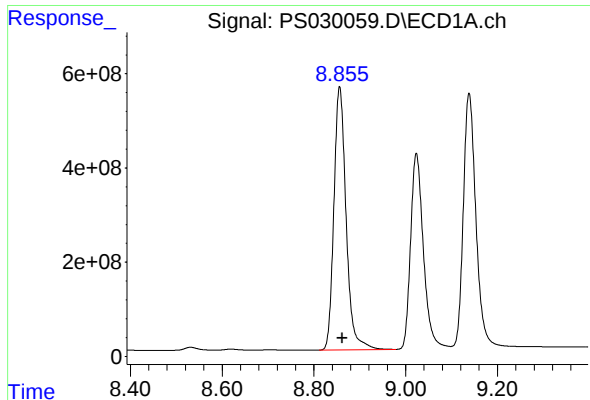
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.007 min
Response: 25932470131
Conc: 743.37 ng/ml



#10 Pentachlorophenol

R.T.: 9.153 min
Delta R.T.: -0.010 min
Response: 15893537628
Conc: 781.21 ng/ml



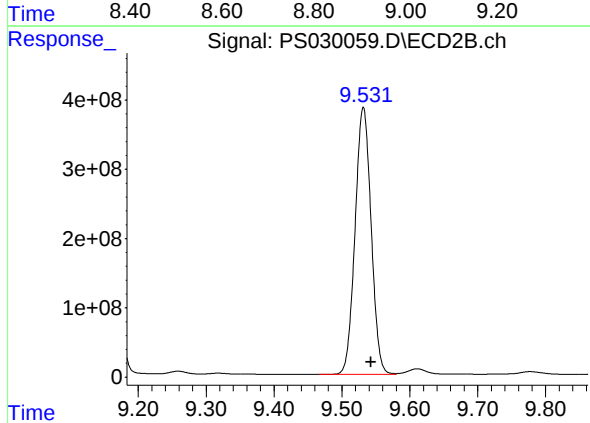
#11 2,4,5-TP (SILVEX)

R.T.: 8.856 min
Delta R.T.: -0.006 min
Response: 10324705984
Conc: 744.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

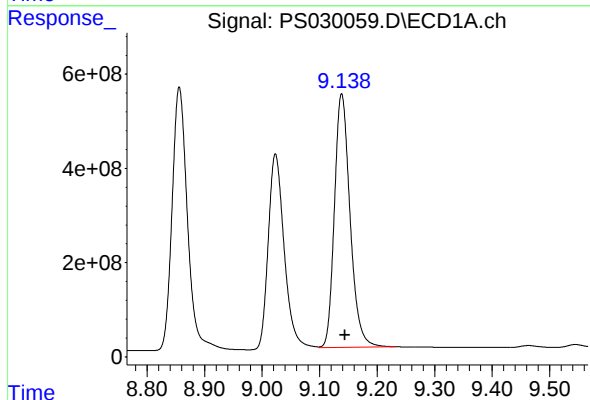
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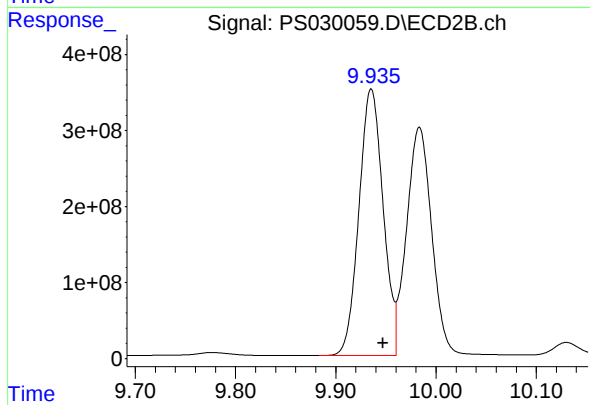
#11 2,4,5-TP (SILVEX)

R.T.: 9.532 min
Delta R.T.: -0.011 min
Response: 6319951058
Conc: 772.44 ng/ml



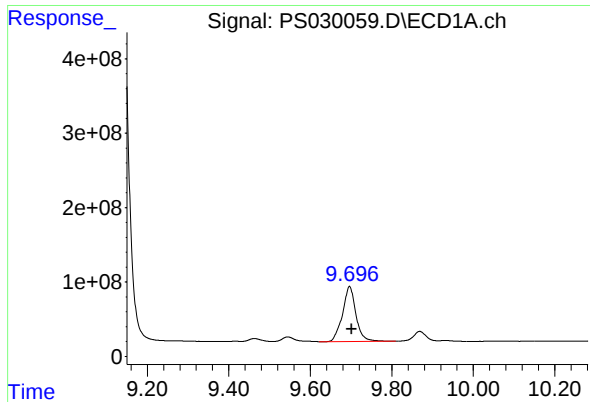
#12 2,4,5-T

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 10134339813
Conc: 721.15 ng/ml m



#12 2,4,5-T

R.T.: 9.935 min
Delta R.T.: -0.012 min
Response: 5867929481
Conc: 755.92 ng/ml



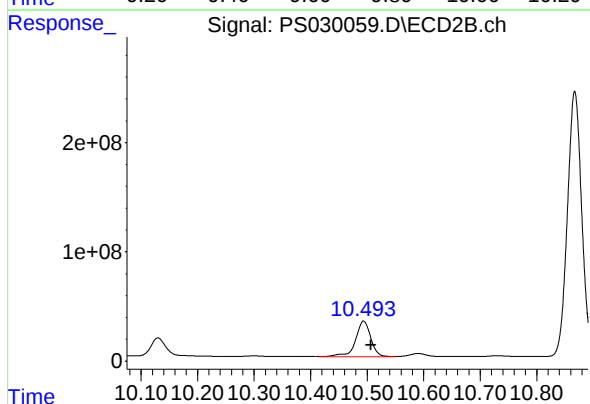
#13 2,4-DB

R.T.: 9.696 min
Delta R.T.: -0.006 min
Response: 1683841779
Conc: 736.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

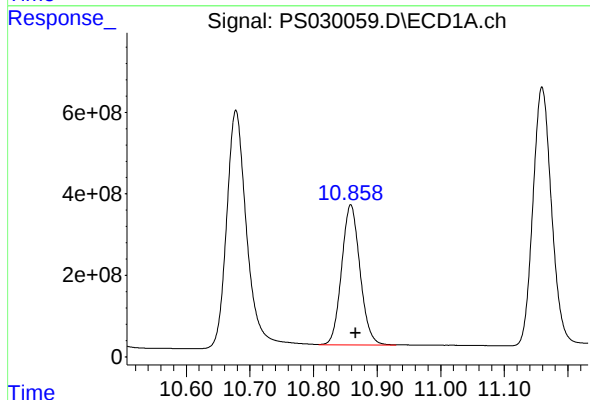
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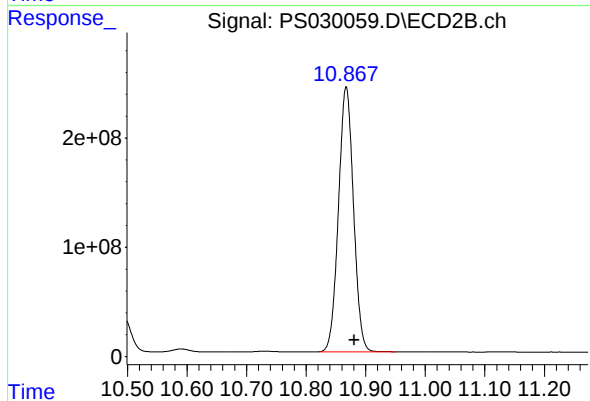
#13 2,4-DB

R.T.: 10.494 min
Delta R.T.: -0.013 min
Response: 605355822
Conc: 752.14 ng/ml



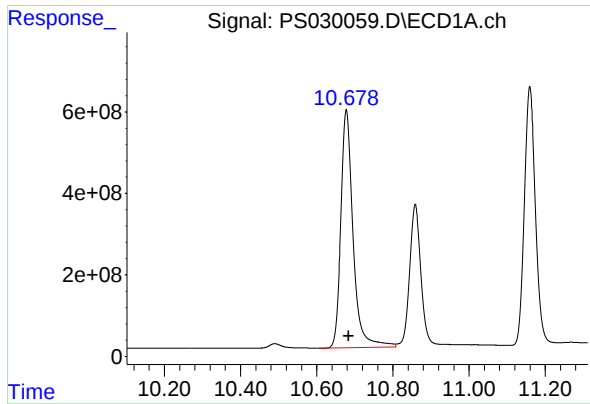
#14 DINOSEB

R.T.: 10.858 min
Delta R.T.: -0.008 min
Response: 6893728640
Conc: 677.62 ng/ml m



#14 DINOSEB

R.T.: 10.867 min
Delta R.T.: -0.014 min
Response: 4244634873
Conc: 727.95 ng/ml



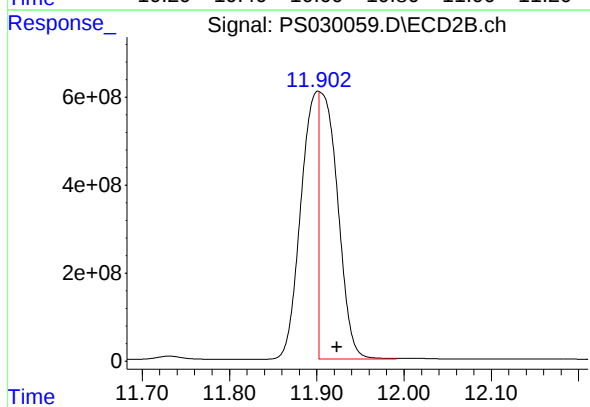
#15 Picloram

R.T.: 10.678 min
Delta R.T.: -0.006 min
Response: 13045290739
Conc: 711.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
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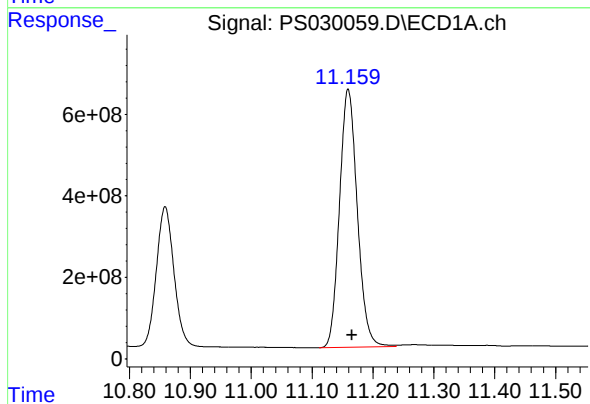
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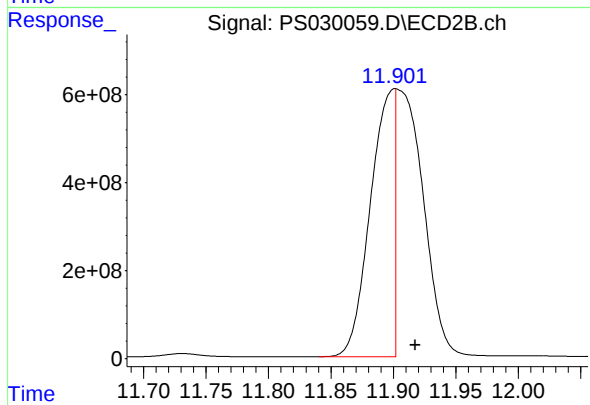
#15 Picloram

R.T.: 11.902 min
Delta R.T.: -0.021 min
Response: 8956390708
Conc: 729.13 ng/ml m



#16 DCPA

R.T.: 11.159 min
Delta R.T.: -0.007 min
Response: 12876866753
Conc: 756.53 ng/ml



#16 DCPA

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 8370011564
Conc: 742.57 ng/ml m