

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030070.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 18:40
 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 02:01:30 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	6.937	7.460	1909.9E6	571.3E6	776.057	810.862
Target Compounds						
1) T Dalapon	2.448	2.523	2781.9E6	1210.9E6	679.305	697.486
2) T 3,5-DICHL...	6.142	6.459	2573.9E6	727.5E6	720.203	744.165
3) T 4-Nitroph...	6.728	6.995	1268.4E6	545.3E6	711.253	711.903
5) T DICAMBA	7.114	7.646	7342.4E6	3128.6E6	741.446	792.031
6) T MCPP	7.292	7.754	468.6E6	129.9E6	72.722	74.254
7) T MCPA	7.435	7.984	655.3E6	175.6E6	74.205	74.215
8) T DICHLORPROP	7.794	8.340	1832.3E6	768.1E6	723.055	765.065
9) T 2,4-D	8.014	8.653	2051.6E6	851.6E6	729.363	755.567
10) T Pentachlo...	8.292	9.153	26503.9E6	16275.2E6	759.749	799.970
11) T 2,4,5-TP ...	8.855	9.531	10491.6E6	6479.4E6	756.817	791.938
12) T 2,4,5-T	9.138	9.936	10651.3E6	6011.4E6	757.935	774.411
13) T 2,4-DB	9.696	10.494	1708.6E6	619.4E6	747.627	769.620
14) T DINOSEB	10.858	10.868	7402.1E6	4309.6E6	727.587	739.079
15) T Picloram	10.677	11.903	13092.1E6	8909.9E6	714.218	725.346m
16) T DCPA	11.159	11.900	13120.5E6	7819.2E6	770.845	693.705m

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

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Data File : PS030070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 18:40
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

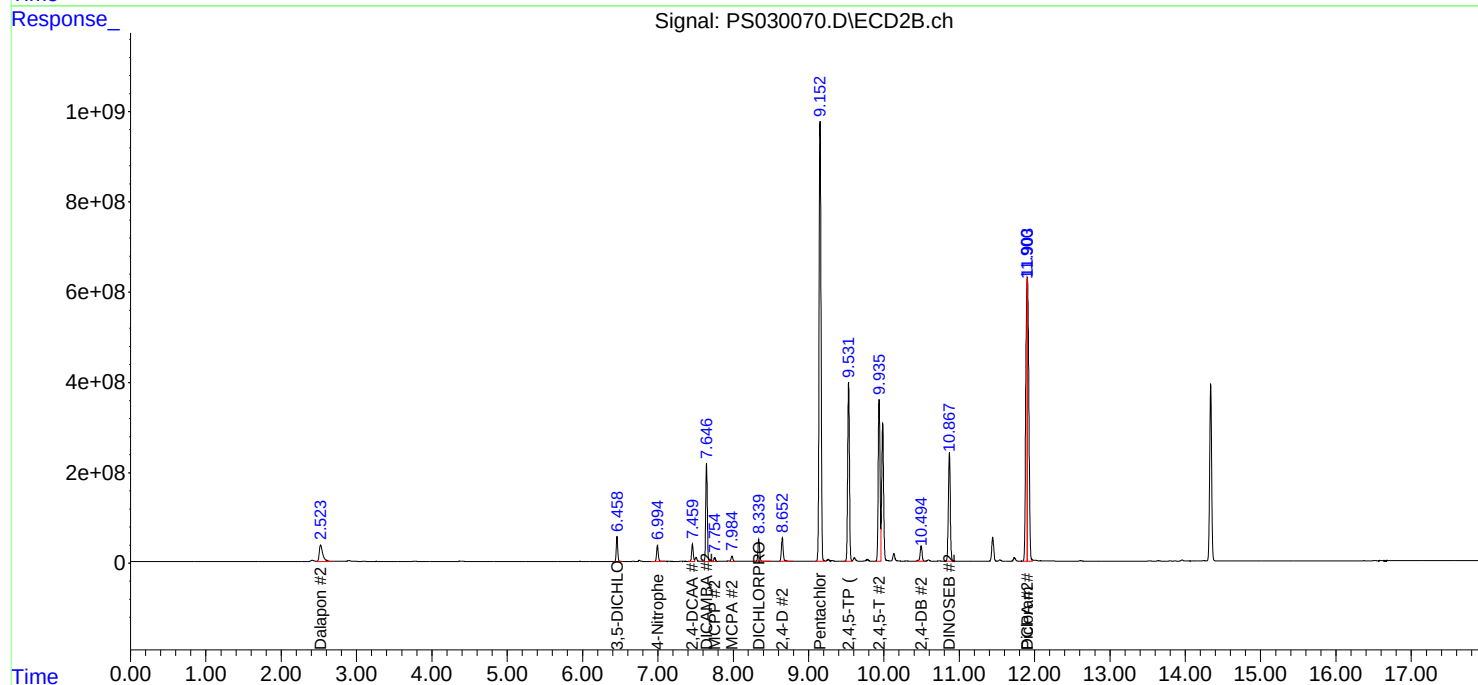
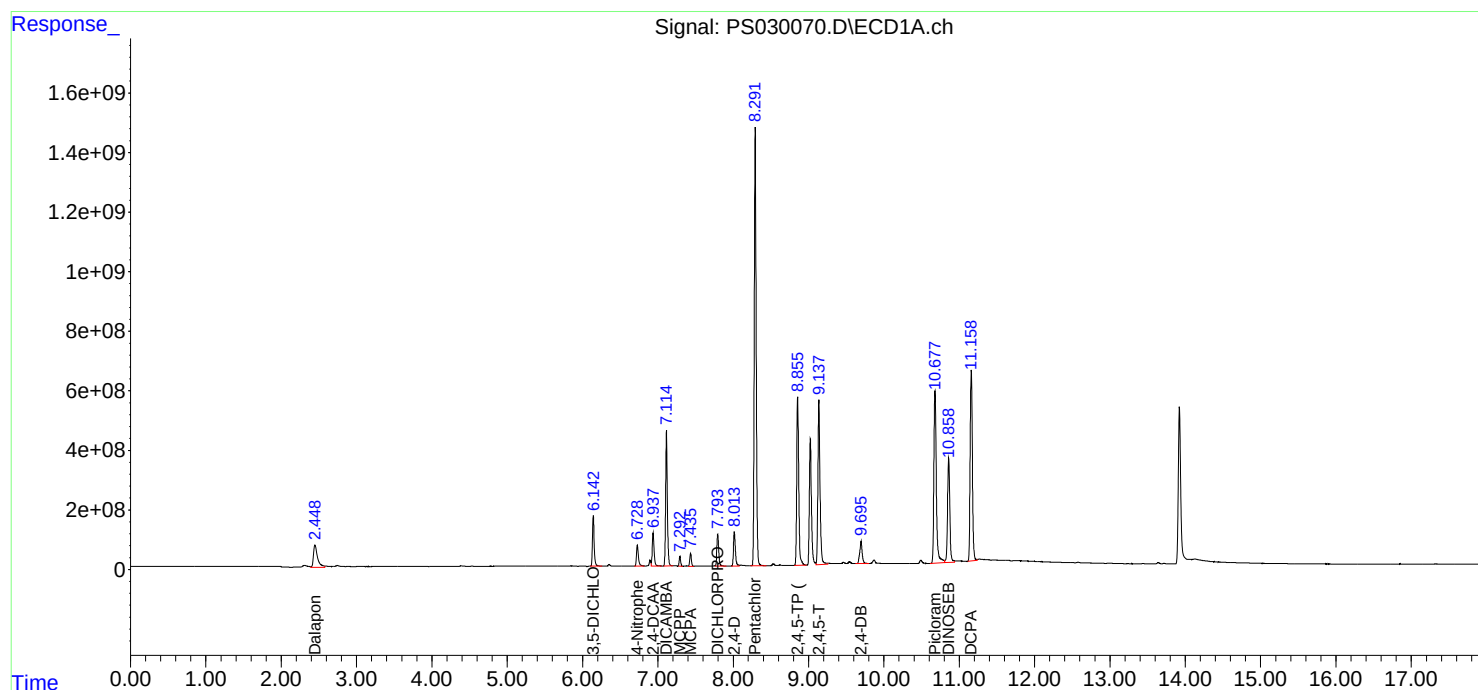
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

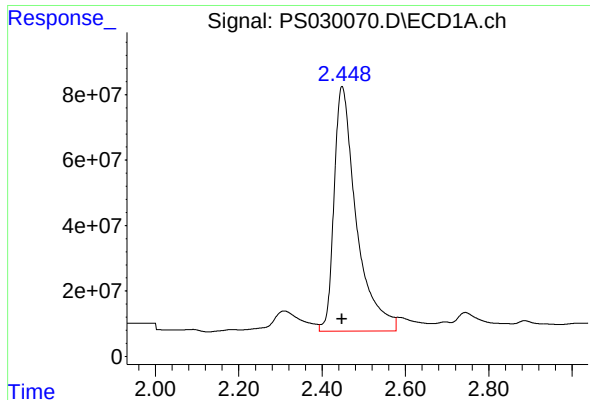
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Integration File signal 1: autoint1.e
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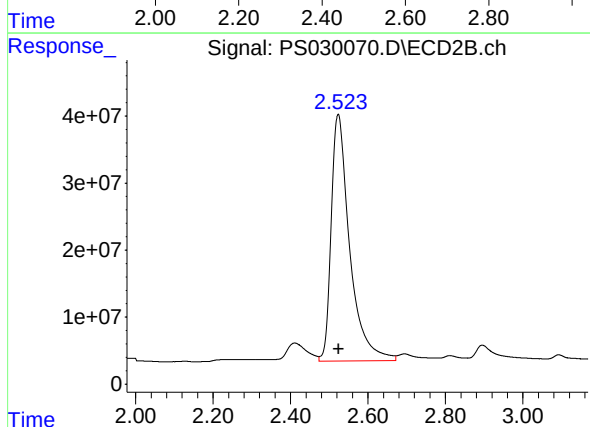
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2781930658
Conc: 679.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

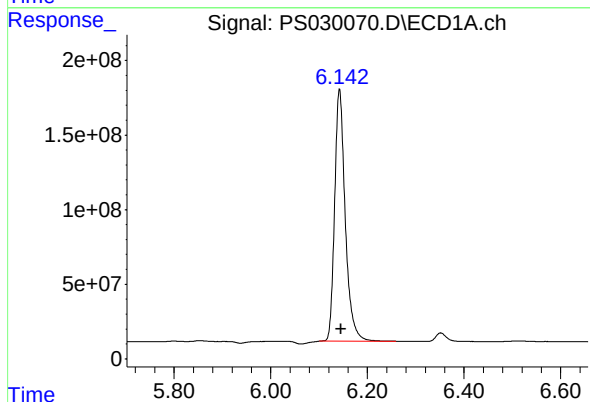
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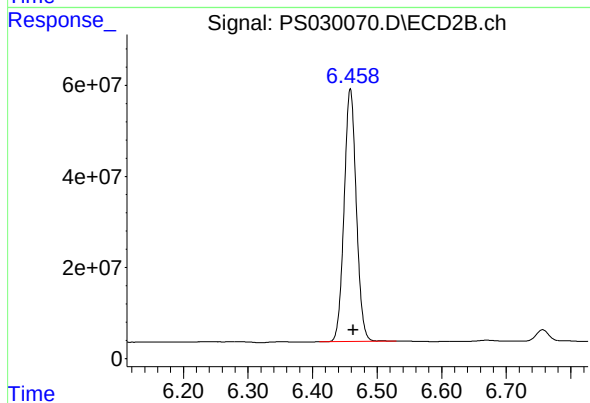
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.001 min
Response: 1210935783
Conc: 697.49 ng/ml



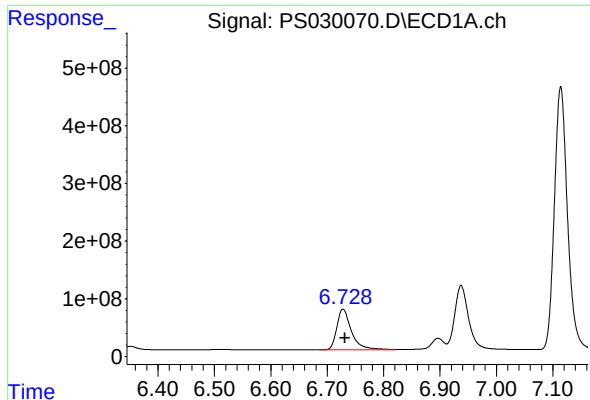
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 2573853250
Conc: 720.20 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.005 min
Response: 727480044
Conc: 744.16 ng/ml



#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 1268392403
Conc: 711.25 ng/ml

Instrument :

ECD_S

ClientSampleId :

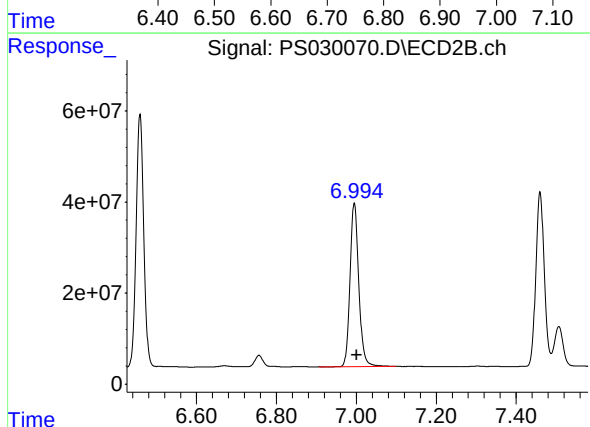
HSTDCCC750

Manual Integrations

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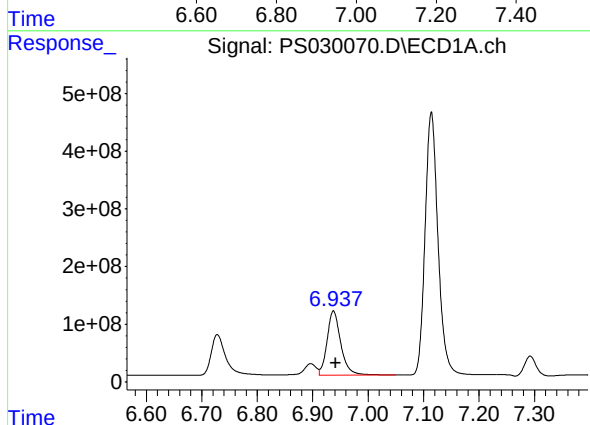
Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025



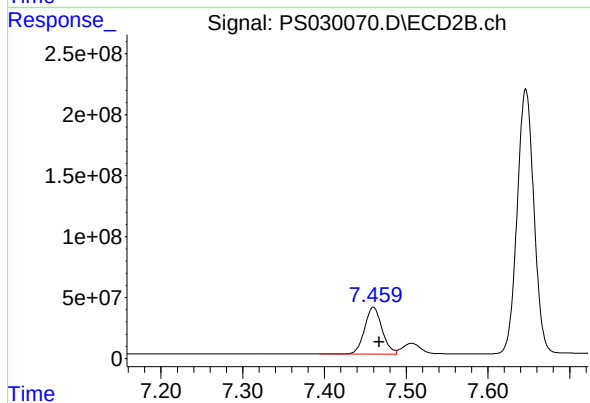
#3 4-Nitrophenol

R.T.: 6.995 min
Delta R.T.: -0.006 min
Response: 545261581
Conc: 711.90 ng/ml



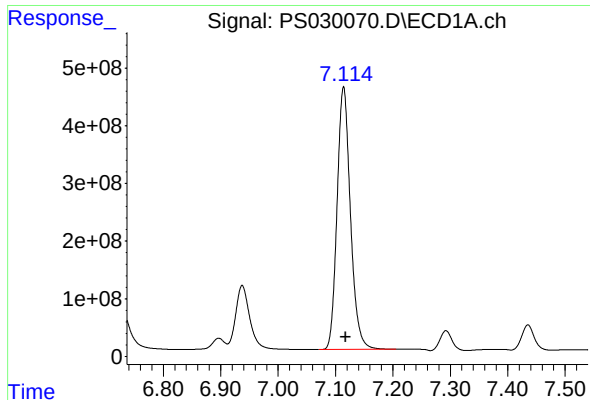
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1909936593
Conc: 776.06 ng/ml



#4 2,4-DCAA

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 571266385
Conc: 810.86 ng/ml



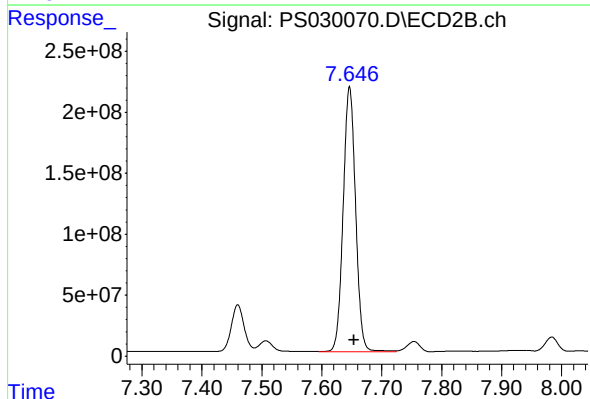
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 7342442597
Conc: 741.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

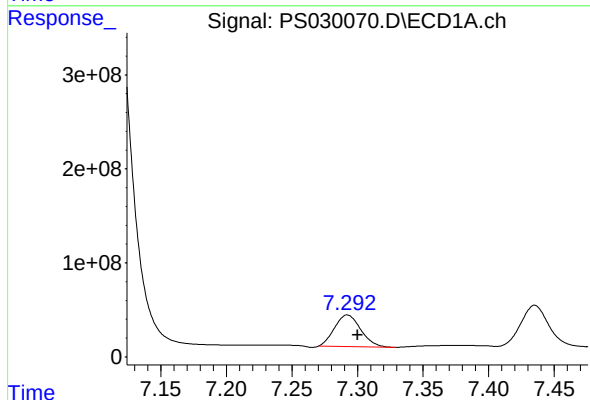
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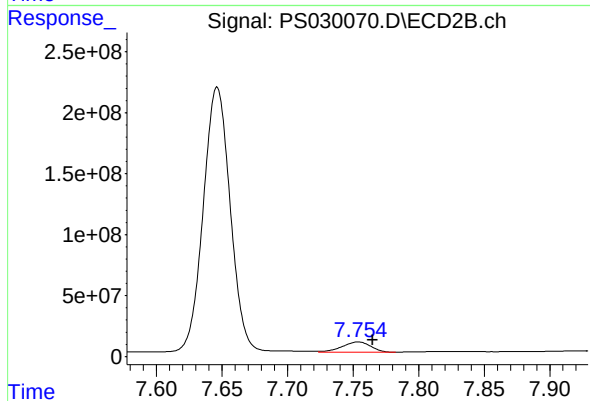
#5 DICAMBA

R.T.: 7.646 min
Delta R.T.: -0.007 min
Response: 3128575298
Conc: 792.03 ng/ml



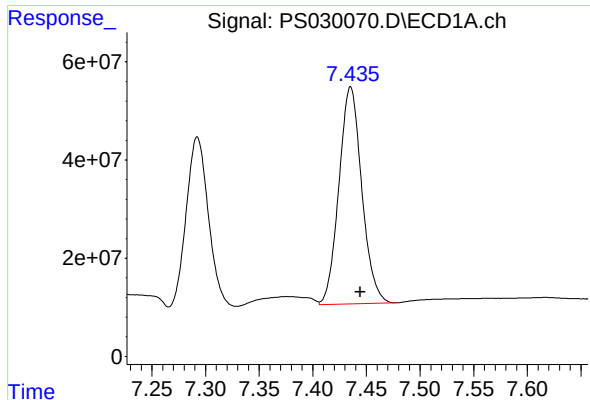
#6 MCPP

R.T.: 7.292 min
Delta R.T.: -0.008 min
Response: 468596466
Conc: 72.72 ug/ml



#6 MCPP

R.T.: 7.754 min
Delta R.T.: -0.011 min
Response: 129865890
Conc: 74.25 ug/ml



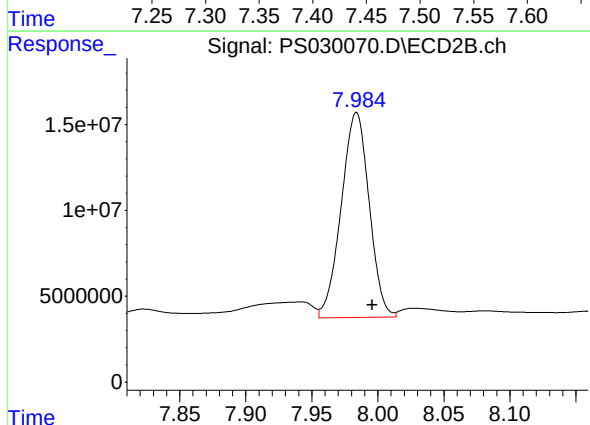
#7 MCPA

R.T.: 7.435 min
Delta R.T.: -0.009 min
Response: 655334076
Conc: 74.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

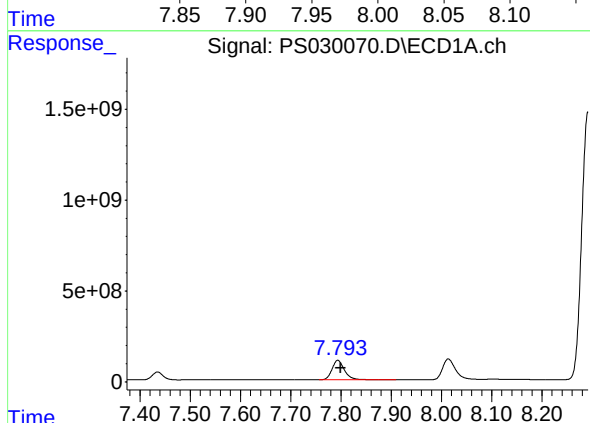
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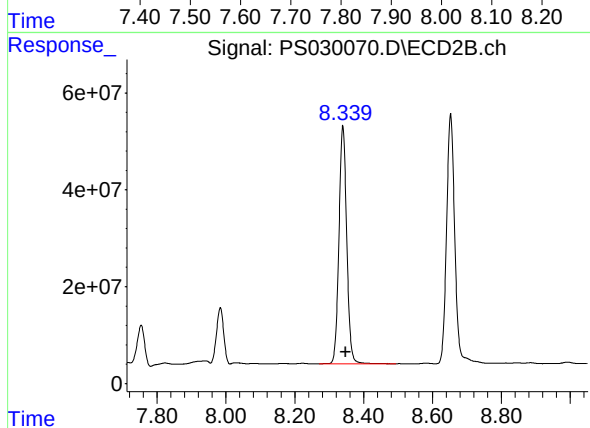
#7 MCPA

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 175577325
Conc: 74.21 ug/ml



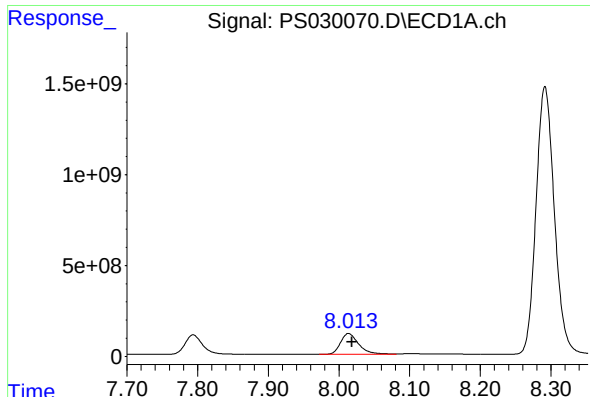
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1832298278
Conc: 723.05 ng/ml



#8 DICHLORPROP

R.T.: 8.340 min
Delta R.T.: -0.008 min
Response: 768098122
Conc: 765.07 ng/ml



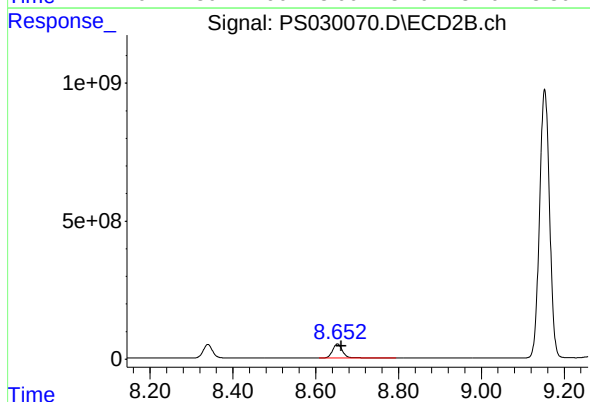
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 2051603459
Conc: 729.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

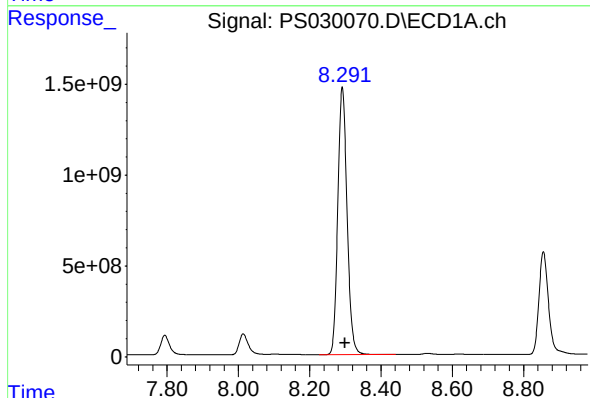
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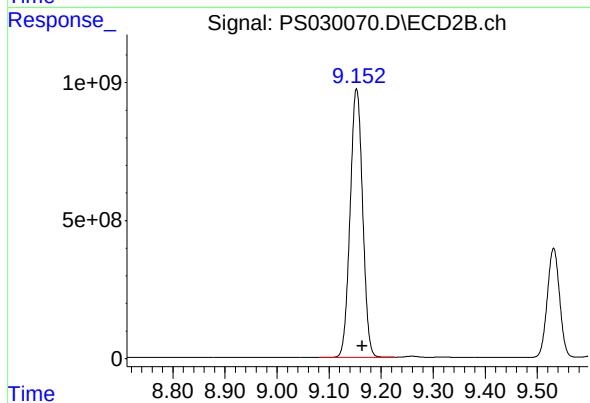
#9 2,4-D

R.T.: 8.653 min
Delta R.T.: -0.009 min
Response: 851604411
Conc: 755.57 ng/ml



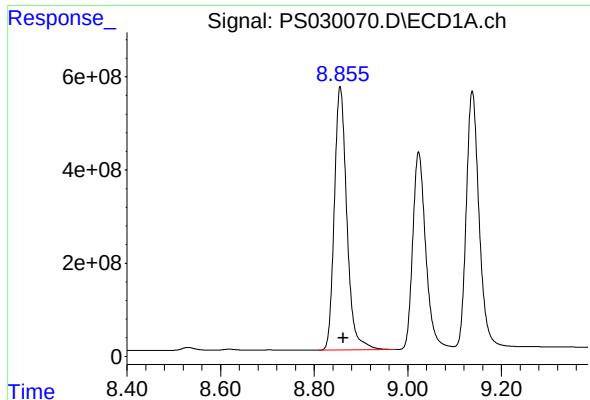
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.008 min
Response: 26503854266
Conc: 759.75 ng/ml



#10 Pentachlorophenol

R.T.: 9.153 min
Delta R.T.: -0.011 min
Response: 16275231390
Conc: 799.97 ng/ml



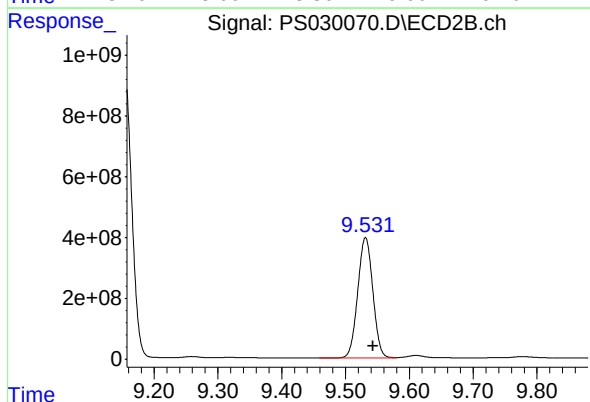
#11 2,4,5-TP (SILVEX)

R.T.: 8.855 min
Delta R.T.: -0.007 min
Response: 10491627353
Conc: 756.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

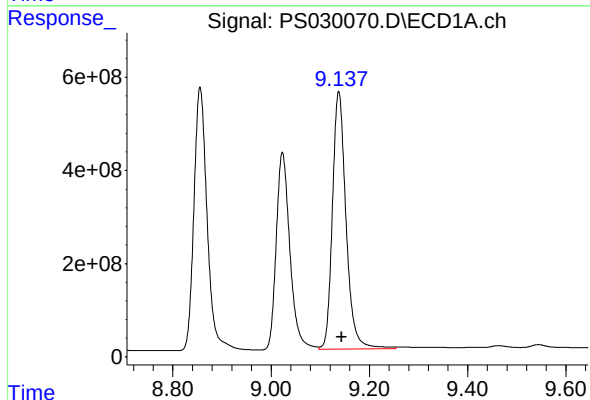
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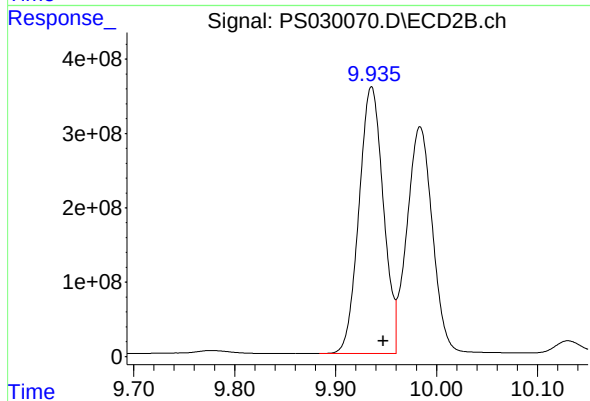
#11 2,4,5-TP (SILVEX)

R.T.: 9.531 min
Delta R.T.: -0.011 min
Response: 6479440806
Conc: 791.94 ng/ml



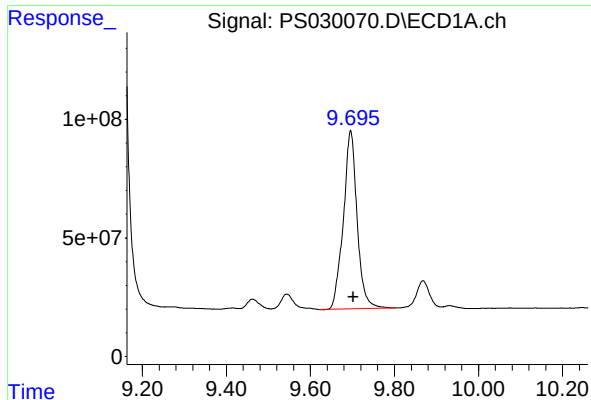
#12 2,4,5-T

R.T.: 9.138 min
Delta R.T.: -0.006 min
Response: 10651339735
Conc: 757.93 ng/ml



#12 2,4,5-T

R.T.: 9.936 min
Delta R.T.: -0.012 min
Response: 6011443714
Conc: 774.41 ng/ml



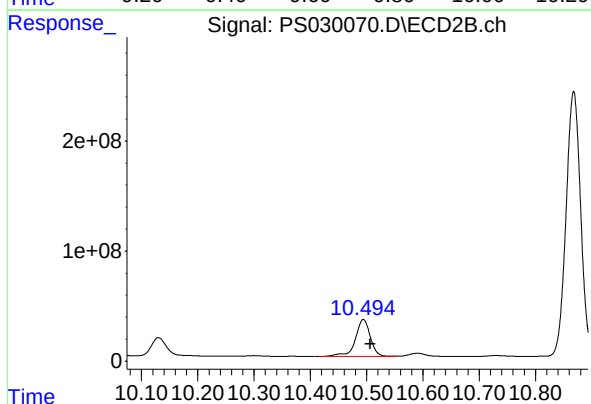
#13 2,4-DB

R.T.: 9.696 min
Delta R.T.: -0.006 min
Response: 1708594609
Conc: 747.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

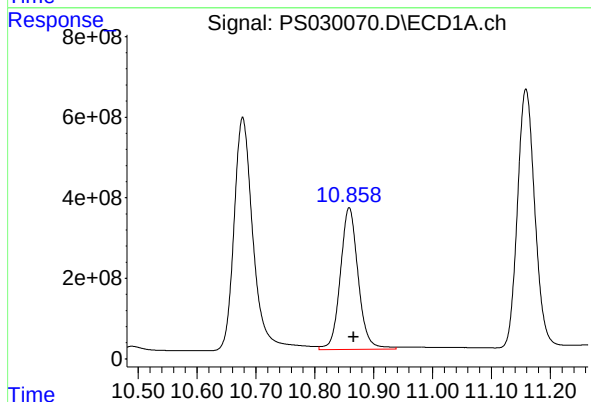
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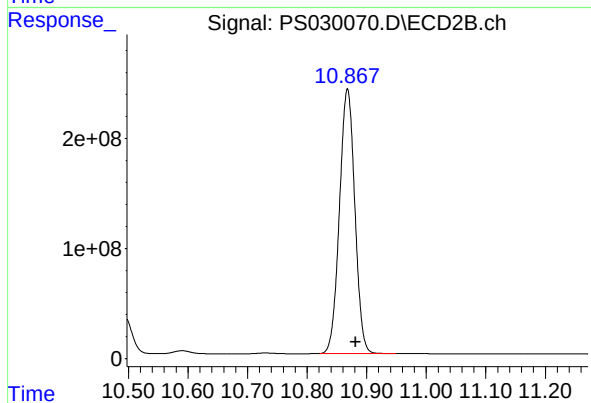
#13 2,4-DB

R.T.: 10.494 min
Delta R.T.: -0.012 min
Response: 619422856
Conc: 769.62 ng/ml



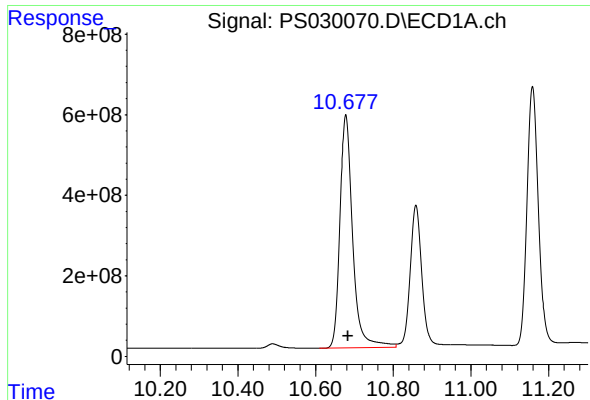
#14 DINOSEB

R.T.: 10.858 min
Delta R.T.: -0.007 min
Response: 7402056826
Conc: 727.59 ng/ml



#14 DINOSEB

R.T.: 10.868 min
Delta R.T.: -0.013 min
Response: 4309553187
Conc: 739.08 ng/ml



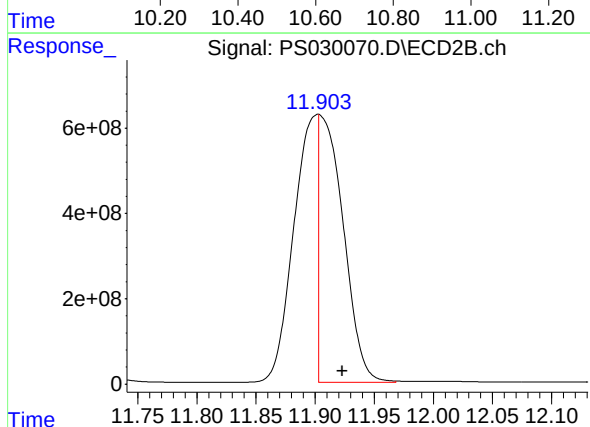
#15 Picloram

R.T.: 10.677 min
Delta R.T.: -0.006 min
Response: 13092058570
Conc: 714.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

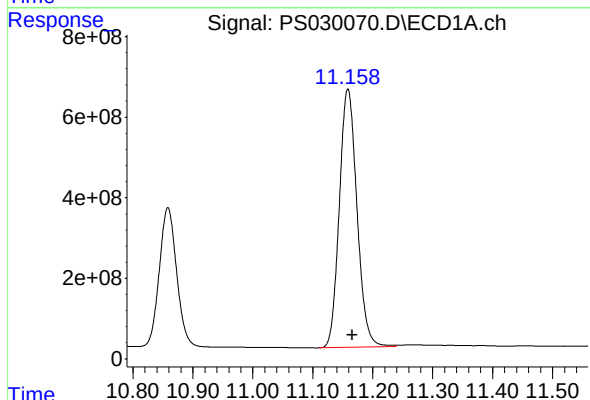
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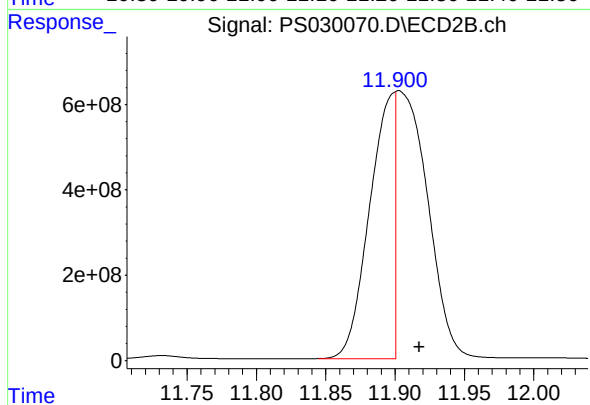
#15 Picloram

R.T.: 11.903 min
Delta R.T.: -0.020 min
Response: 8909893069
Conc: 725.35 ng/ml m



#16 DCPA

R.T.: 11.159 min
Delta R.T.: -0.007 min
Response: 13120547450
Conc: 770.84 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.018 min
Response: 7819200769
Conc: 693.70 ng/ml m