

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
 Data File : PS030029.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 09:55
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2025
 Supervised By : mohammad ahmed 05/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 12:29:05 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	6.938	7.456	1902.1E6	555.4E6	772.860	788.396
Target Compounds							
1) T	Dalapon	2.446	2.517	3152.3E6	1268.0E6	769.749	730.345
2) T	3,5-DICHL...	6.142	6.454	2580.1E6	718.9E6	721.950	735.376
3) T	4-Nitroph...	6.728	6.990	1270.3E6	554.2E6	712.324	723.635
5) T	DICAMBA	7.114	7.642	7384.3E6	3117.7E6	745.677	789.285
6) T	MCP	7.293	7.750	474.5E6	139.3E6	73.642	79.630
7) T	MCPA	7.436	7.981	643.1E6	166.0E6	72.816	70.169
8) T	DICHLORPROP	7.795	8.336	1922.1E6	752.9E6	758.477	749.952
9) T	2,4-D	8.015	8.649	2185.1E6	840.8E6	776.807	745.962
10) T	Pentachlo...	8.293	9.150	26374.8E6	16140.6E6	756.051	793.353
11) T	2,4,5-TP ...	8.857	9.528	10510.0E6	6415.5E6	758.140	784.122
12) T	2,4,5-T	9.140	9.933	10639.4E6	5978.3E6	757.082	770.140
13) T	2,4-DB	9.698	10.491	1760.4E6	609.3E6	770.297	757.064
14) T	DINOSEB	10.861	10.865	7541.6E6	4394.3E6	741.305	753.615
15) T	Picloram	10.679	11.902	13895.4E6	8583.7E6	758.042	698.789m
16) T	DCPA	11.162	11.900	12980.1E6	8855.1E6	762.591	785.607m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

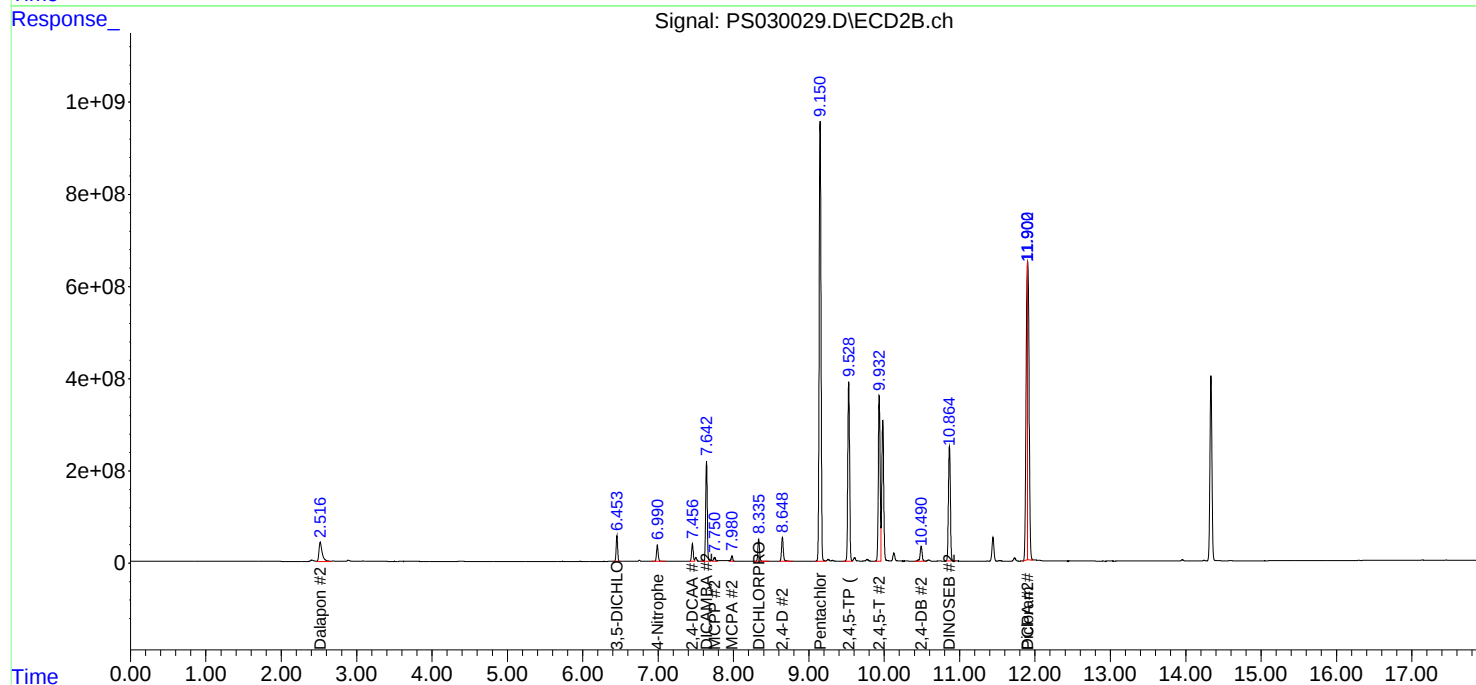
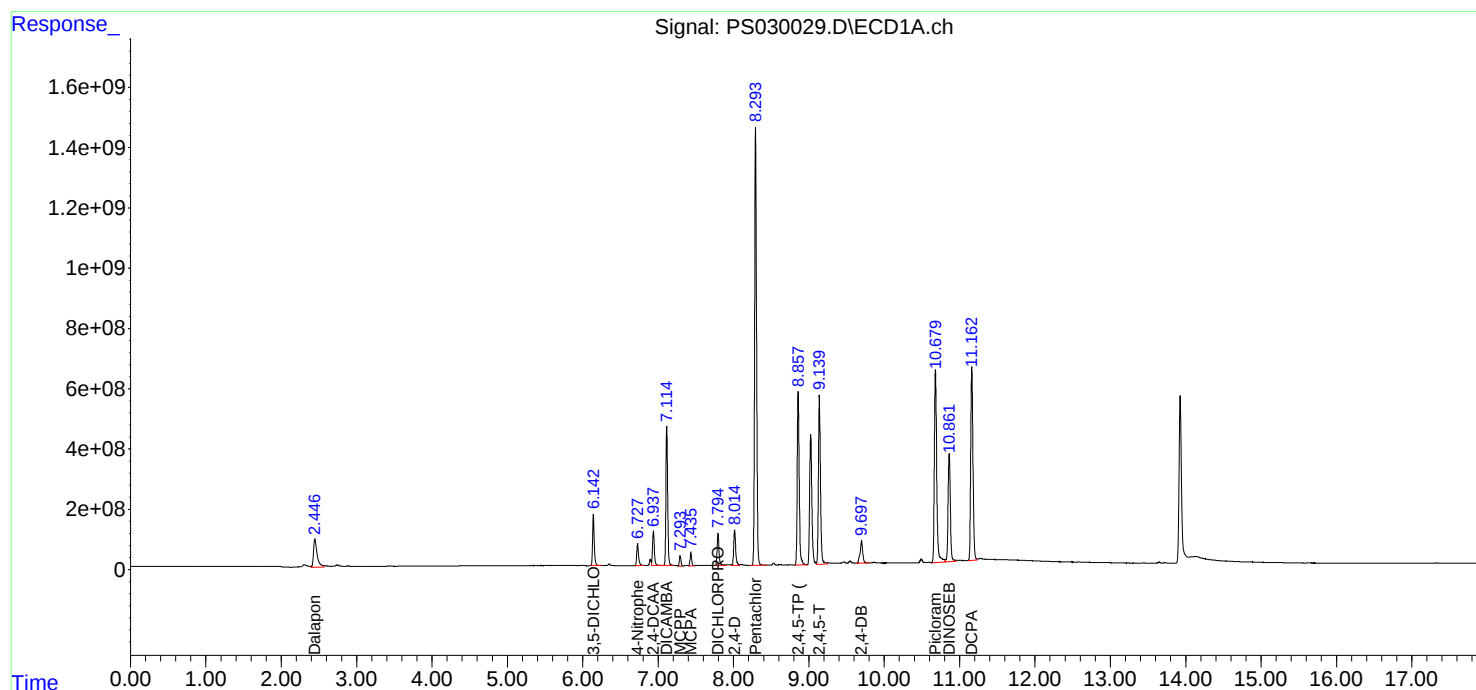
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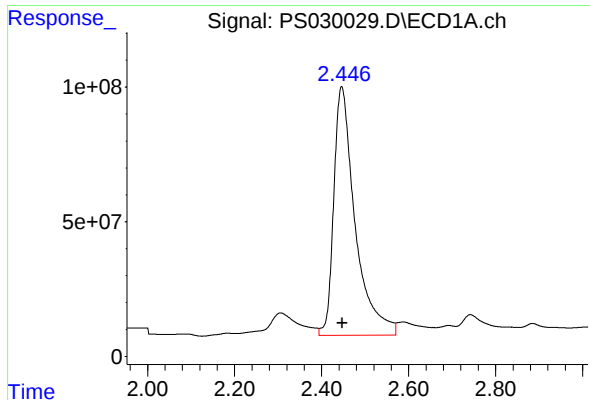
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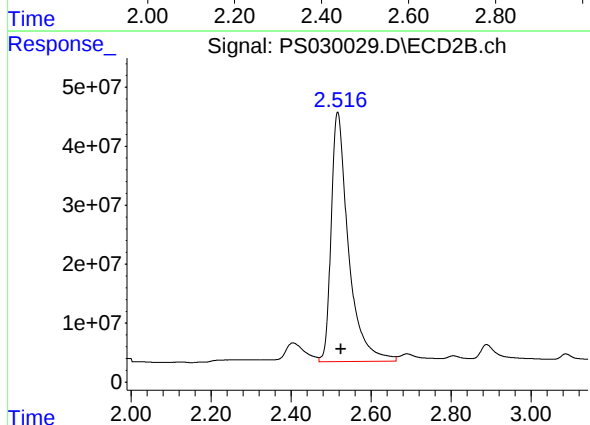
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: -0.002 min
Response: 3152321923
Conc: 769.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

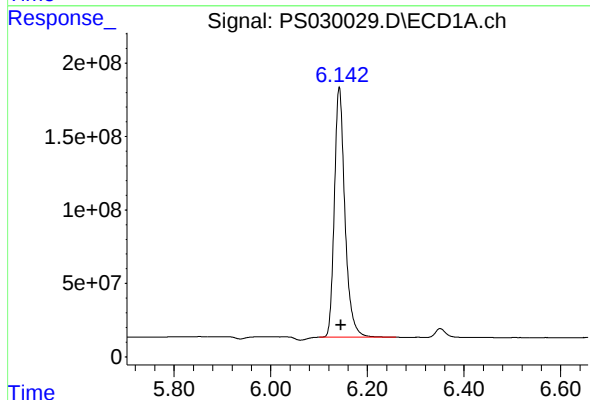
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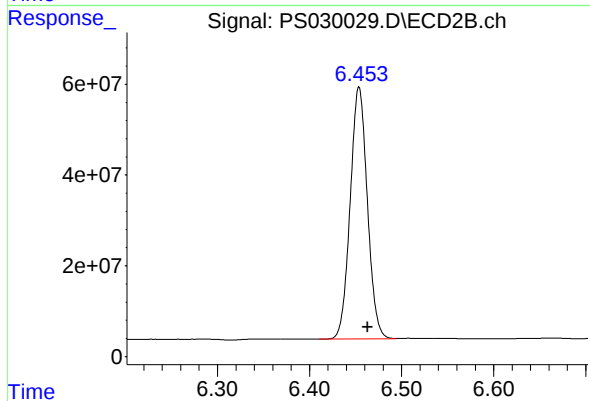
#1 Dalapon

R.T.: 2.517 min
Delta R.T.: -0.008 min
Response: 1267983437
Conc: 730.34 ng/ml



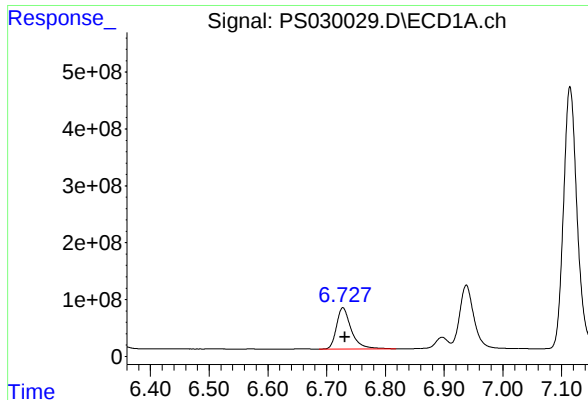
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 2580095757
Conc: 721.95 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.009 min
Response: 718888293
Conc: 735.38 ng/ml



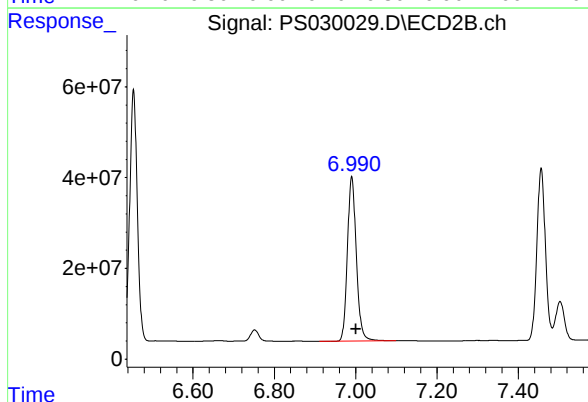
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 1270301802
Conc: 712.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

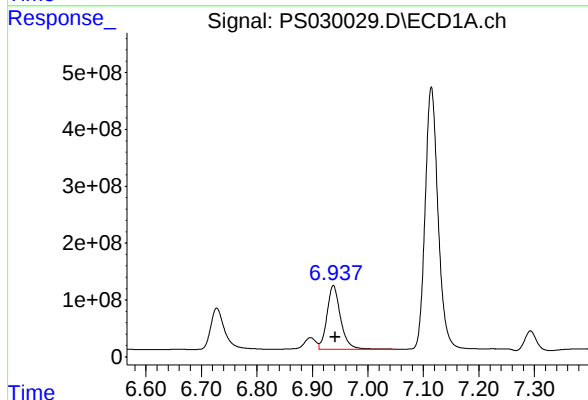
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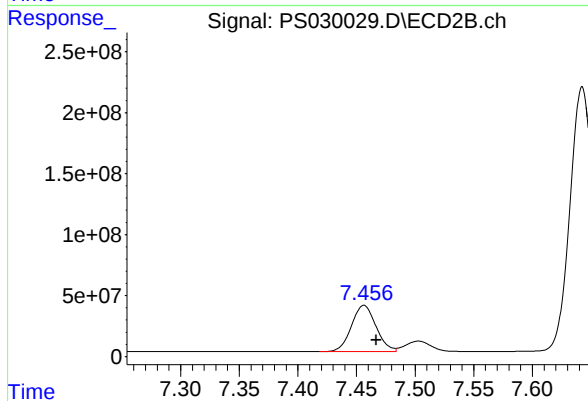
#3 4-Nitrophenol

R.T.: 6.990 min
Delta R.T.: -0.010 min
Response: 554247176
Conc: 723.63 ng/ml



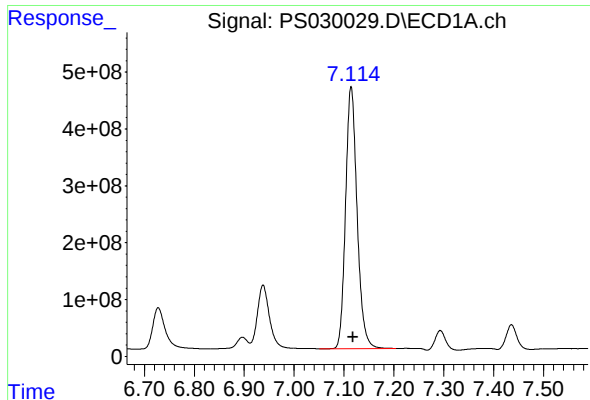
#4 2,4-DCAA

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 1902069709
Conc: 772.86 ng/ml



#4 2,4-DCAA

R.T.: 7.456 min
Delta R.T.: -0.011 min
Response: 555438378
Conc: 788.40 ng/ml



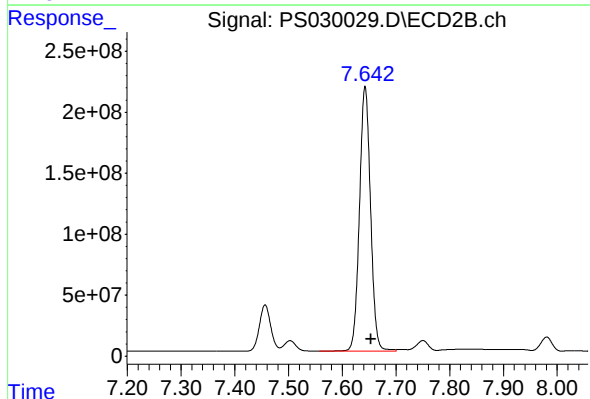
#5 DICAMBA

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 7384334899
Conc: 745.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

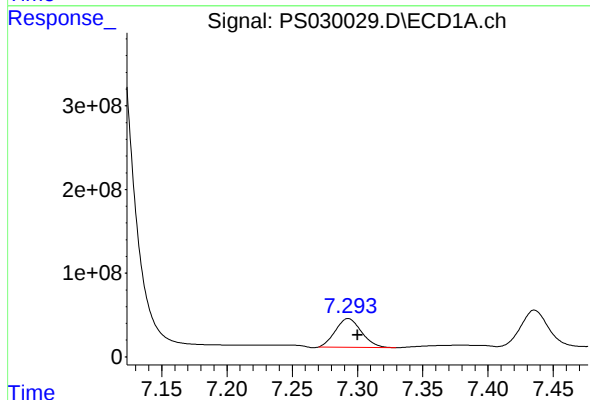
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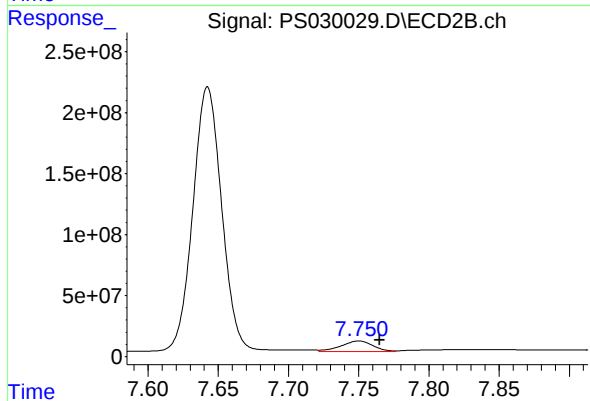
#5 DICAMBA

R.T.: 7.642 min
Delta R.T.: -0.011 min
Response: 3117725389
Conc: 789.28 ng/ml



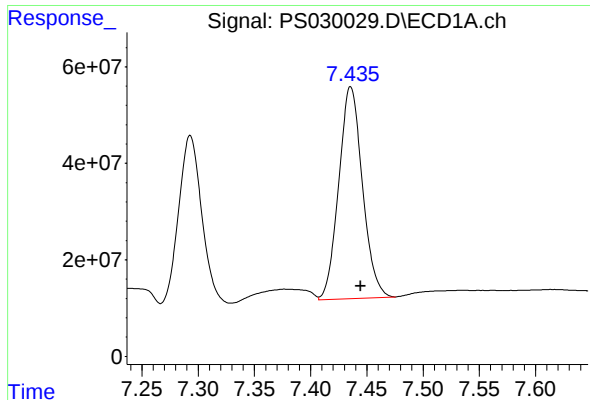
#6 MCPP

R.T.: 7.293 min
Delta R.T.: -0.007 min
Response: 474519993
Conc: 73.64 ug/ml



#6 MCPP

R.T.: 7.750 min
Delta R.T.: -0.014 min
Response: 139269003
Conc: 79.63 ug/ml



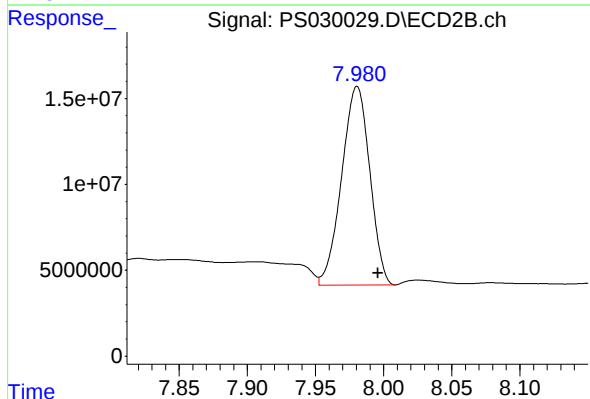
#7 MCPA

R.T.: 7.436 min
Delta R.T.: -0.009 min
Response: 643063428
Conc: 72.82 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

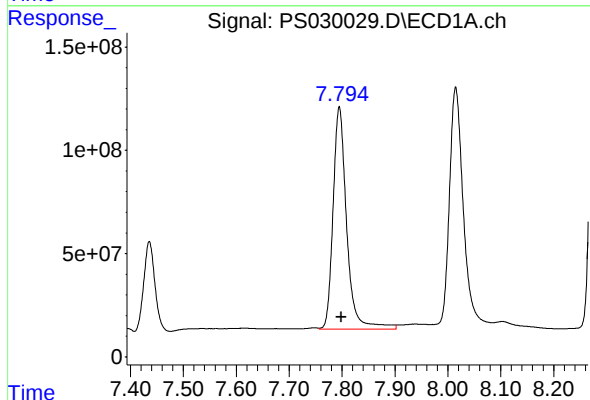
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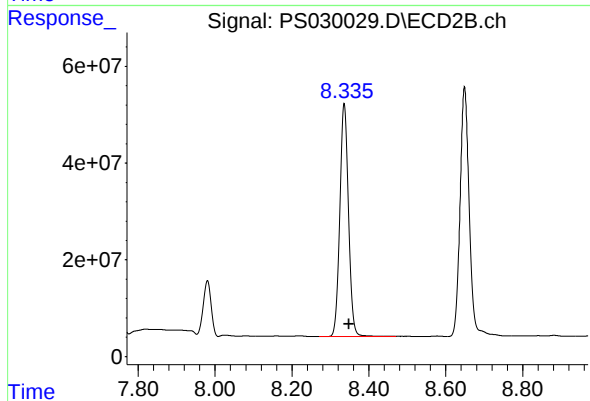
#7 MCPA

R.T.: 7.981 min
Delta R.T.: -0.015 min
Response: 166006369
Conc: 70.17 ug/ml



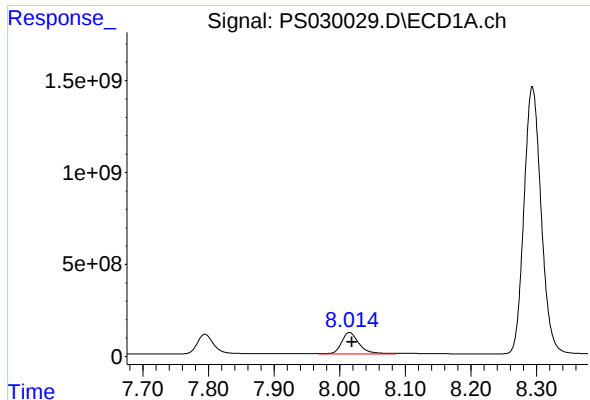
#8 DICHLORPROP

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 1922063526
Conc: 758.48 ng/ml



#8 DICHLORPROP

R.T.: 8.336 min
Delta R.T.: -0.012 min
Response: 752925374
Conc: 749.95 ng/ml



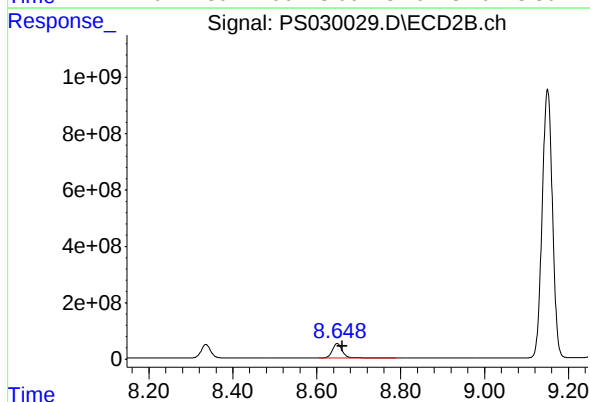
#9 2,4-D

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 2185058539
Conc: 776.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

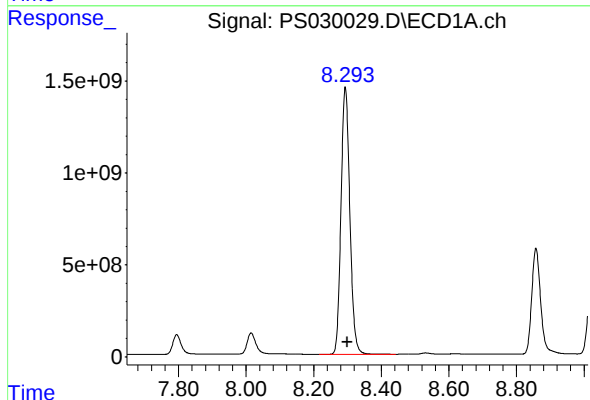
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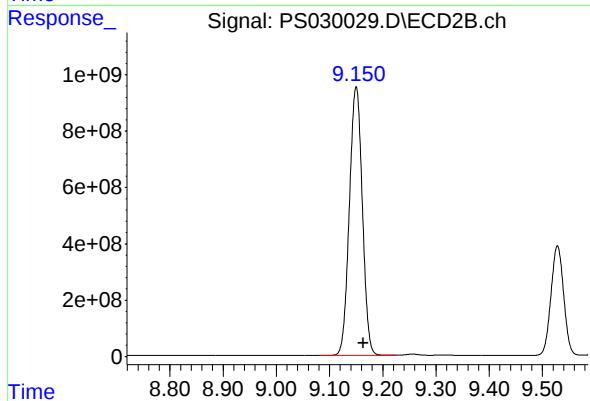
#9 2,4-D

R.T.: 8.649 min
Delta R.T.: -0.012 min
Response: 840778929
Conc: 745.96 ng/ml



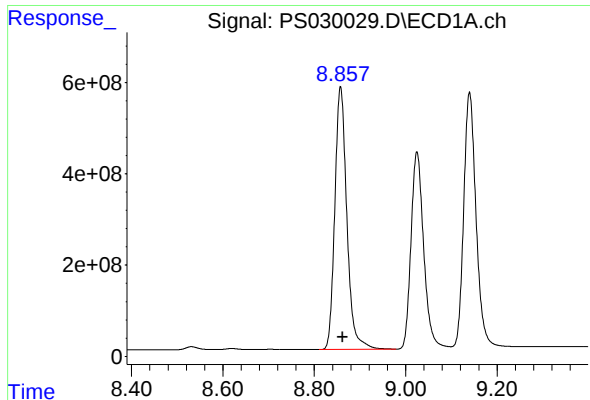
#10 Pentachlorophenol

R.T.: 8.293 min
Delta R.T.: -0.006 min
Response: 26374849284
Conc: 756.05 ng/ml



#10 Pentachlorophenol

R.T.: 9.150 min
Delta R.T.: -0.013 min
Response: 16140623302
Conc: 793.35 ng/ml



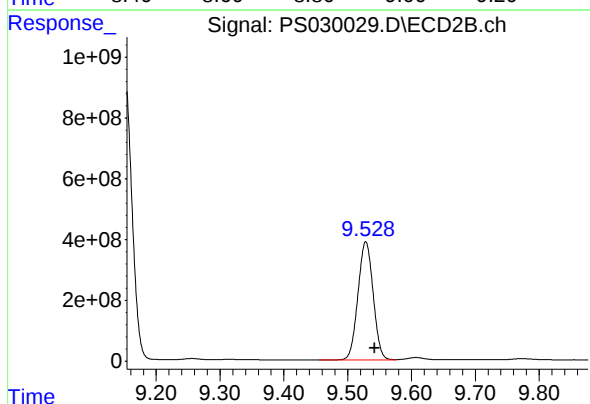
#11 2,4,5-TP (SILVEX)

R.T.: 8.857 min
Delta R.T.: -0.005 min
Response: 10509968082
Conc: 758.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

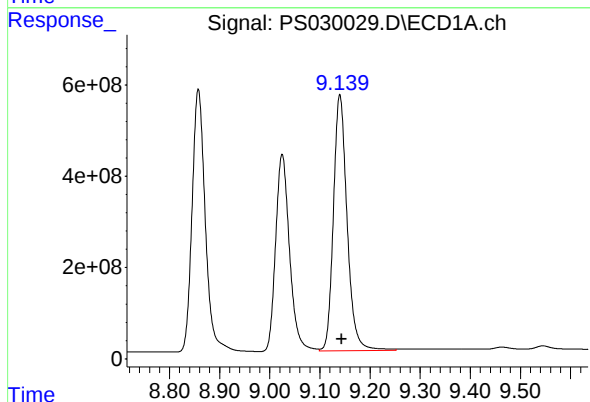
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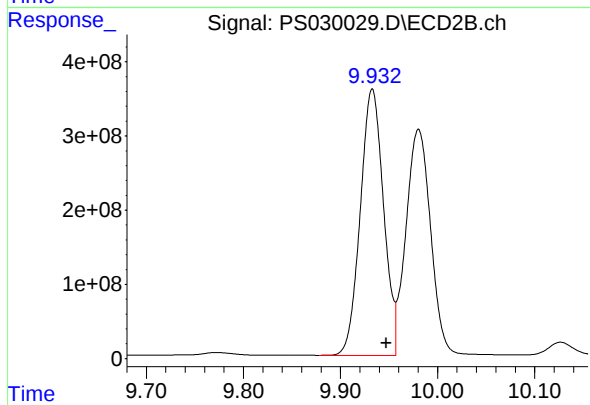
#11 2,4,5-TP (SILVEX)

R.T.: 9.528 min
Delta R.T.: -0.014 min
Response: 6415490809
Conc: 784.12 ng/ml



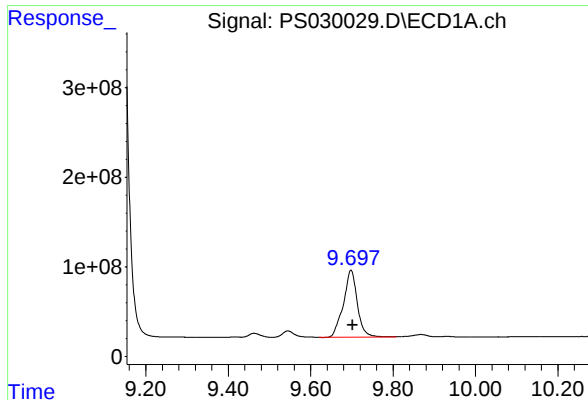
#12 2,4,5-T

R.T.: 9.140 min
Delta R.T.: -0.004 min
Response: 10639353854
Conc: 757.08 ng/ml



#12 2,4,5-T

R.T.: 9.933 min
Delta R.T.: -0.015 min
Response: 5978287108
Conc: 770.14 ng/ml



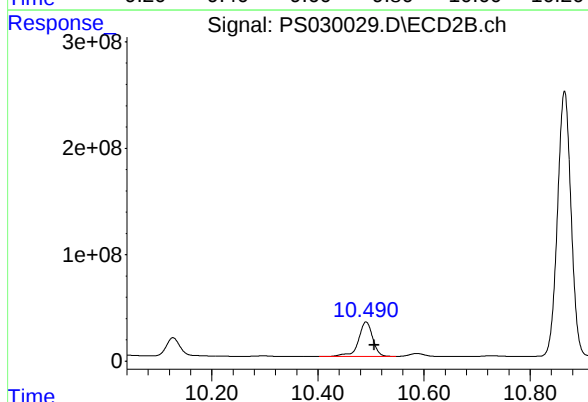
#13 2,4-DB

R.T.: 9.698 min
Delta R.T.: -0.004 min
Response: 1760403680
Conc: 770.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

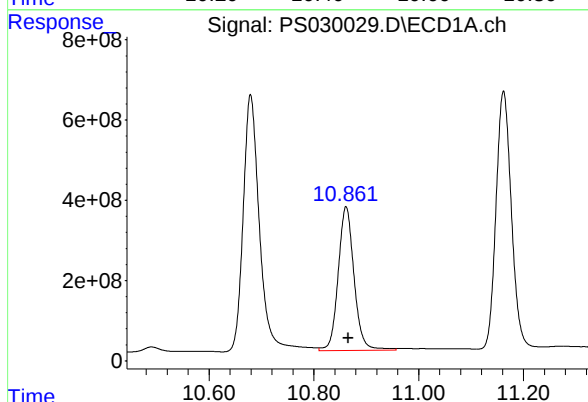
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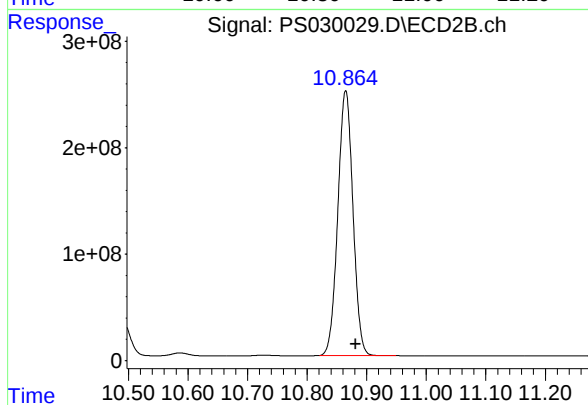
#13 2,4-DB

R.T.: 10.491 min
Delta R.T.: -0.016 min
Response: 609316861
Conc: 757.06 ng/ml



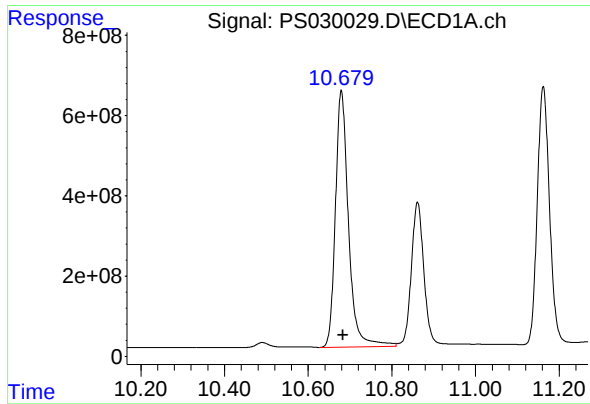
#14 DINOSEB

R.T.: 10.861 min
Delta R.T.: -0.004 min
Response: 7541611717
Conc: 741.30 ng/ml



#14 DINOSEB

R.T.: 10.865 min
Delta R.T.: -0.016 min
Response: 4394315725
Conc: 753.62 ng/ml



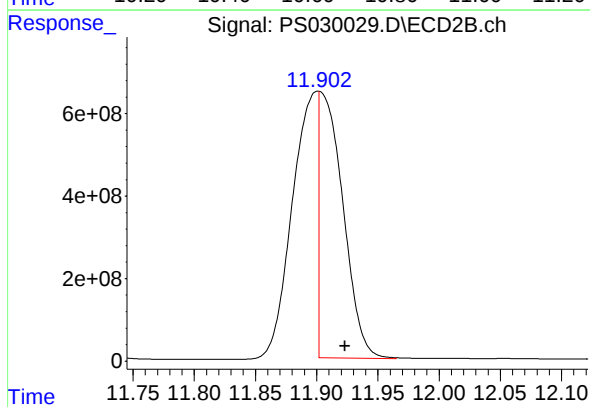
#15 Picloram

R.T.: 10.679 min
Delta R.T.: -0.004 min
Response: 13895378925
Conc: 758.04 ng/ml

Instrument :
ECD_S
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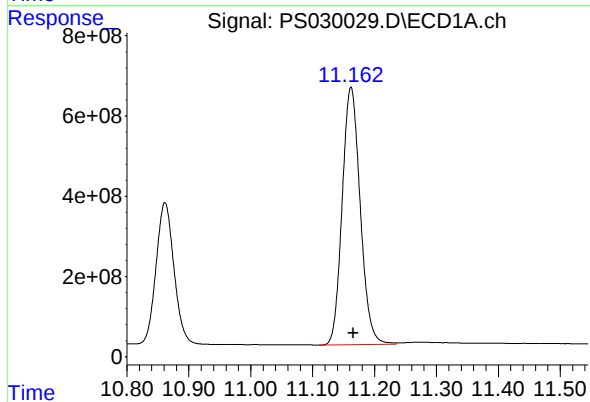
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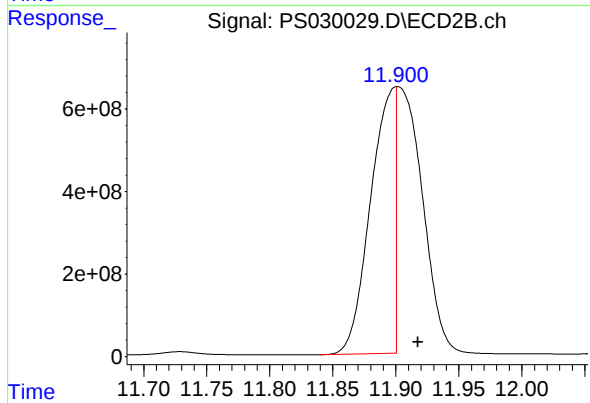
#15 Picloram

R.T.: 11.902 min
Delta R.T.: -0.021 min
Response: 8583671437
Conc: 698.79 ng/ml m



#16 DCPA

R.T.: 11.162 min
Delta R.T.: -0.004 min
Response: 12980066848
Conc: 762.59 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.018 min
Response: 8855092205
Conc: 785.61 ng/ml m