

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050825\
 Data File : PS030089.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 16:51
 Operator : AR\AJ
 Sample : PB167912BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167912BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 06:05:39 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	6.937	7.460	1407.4E6	405.7E6	571.844	575.870
Target Compounds							
1) T	Dalapon	2.448	2.522	2167.1E6	879.0E6	529.181	506.271
2) T	3,5-DICHL...	6.141	6.458	1903.0E6	522.0E6	532.483	534.000
3) T	4-Nitroph...	6.728	6.994	923.4E6	422.4E6	517.825	551.507
5) T	DICAMBA	7.113	7.646	5359.9E6	2193.6E6	541.243	555.333
6) T	MCP	7.291	7.752	316.0E6	86589410	49.040	49.509
7) T	MCPA	7.434	7.982	450.8E6	129.5E6	51.050	54.737
8) T	DICHLORPROP	7.794	8.339	1347.4E6	554.4E6	531.693	552.190
9) T	2,4-D	8.014	8.652	1533.2E6	616.8E6	545.076	547.254
10) T	Pentachlo...	8.292	9.152	19512.8E6	11791.2E6	559.345	579.568
11) T	2,4,5-TP ...	8.855	9.531	7694.1E6	4644.2E6	555.016	567.623
12) T	2,4,5-T	9.137	9.934	7840.5E6	4328.1E6	557.919	557.560
13) T	2,4-DB	9.696	10.492	1247.1E6	415.1E6	545.712	515.814
14) T	DINOSEB	10.857	10.866	5569.2E6	3161.8E6	547.427	542.246
15) T	Picloram	10.677	11.901	9423.5E6	6100.7E6	514.083	496.652m
16) T	DCPA	11.158	11.899	9661.7E6	6080.2E6	567.632	539.424m

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

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Acq On : 08 May 2025 16:51
Operator : AR\AJ
Sample : PB167912BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

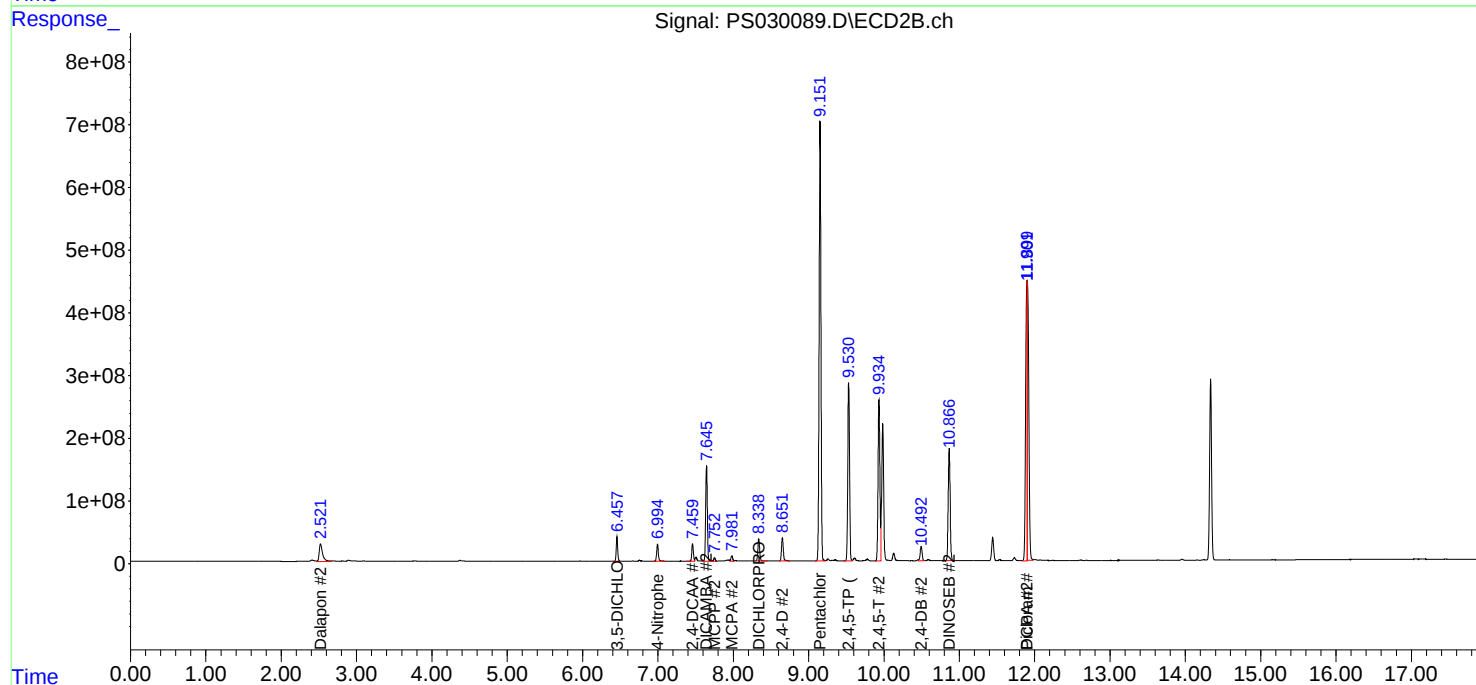
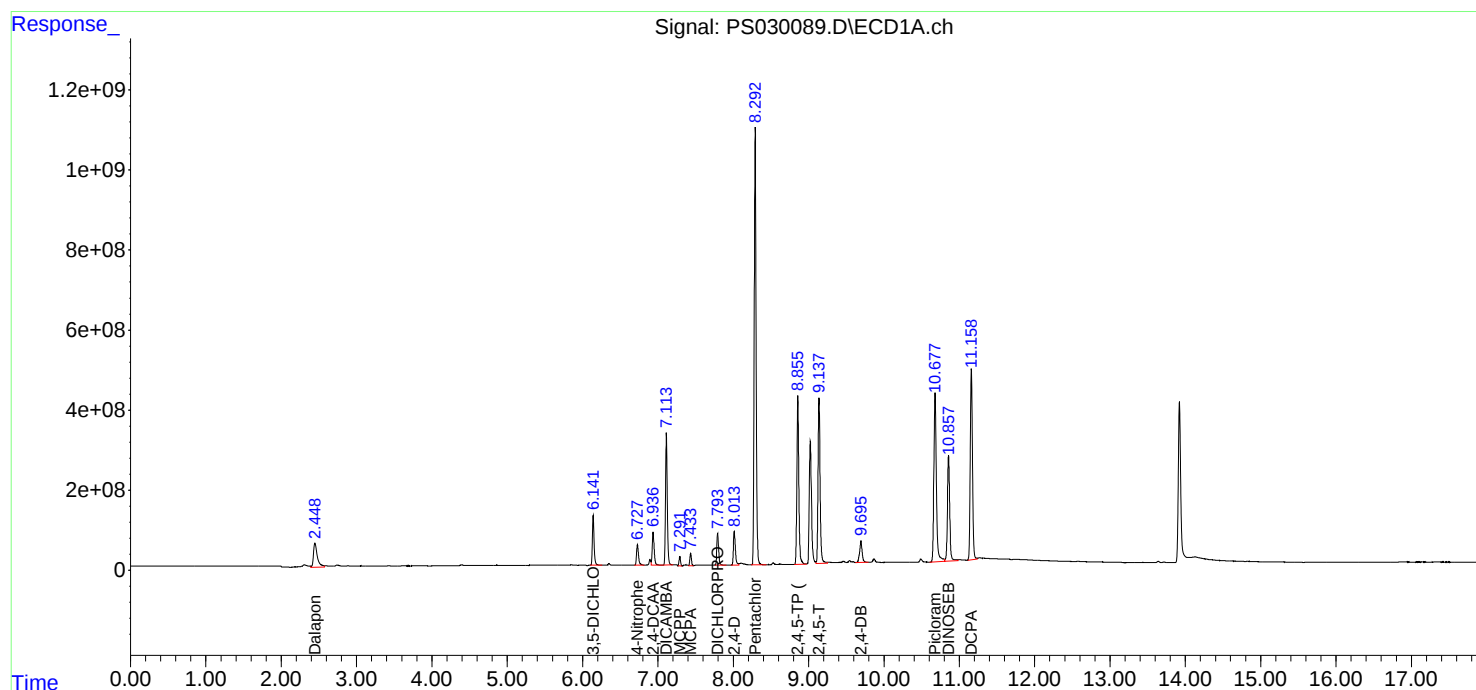
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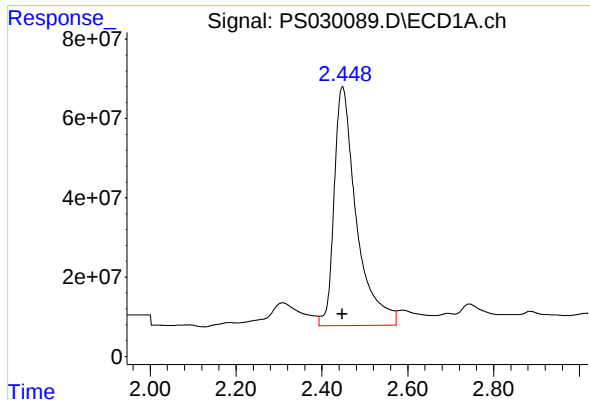
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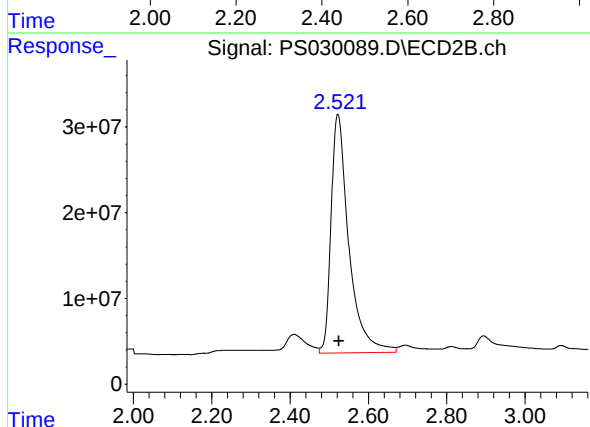
#1 Dalapon

R.T.: 2.448 min
Delta R.T.: 0.000 min
Response: 2167132983
Conc: 529.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BS

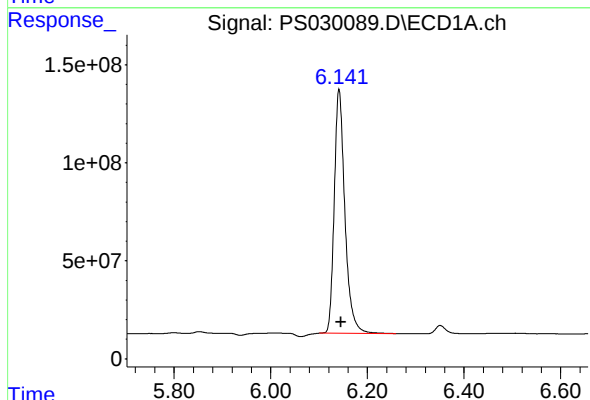
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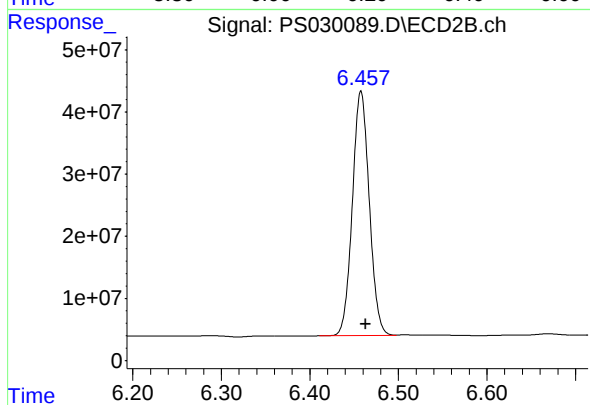
#1 Dalapon

R.T.: 2.522 min
Delta R.T.: -0.003 min
Response: 878958456
Conc: 506.27 ng/ml



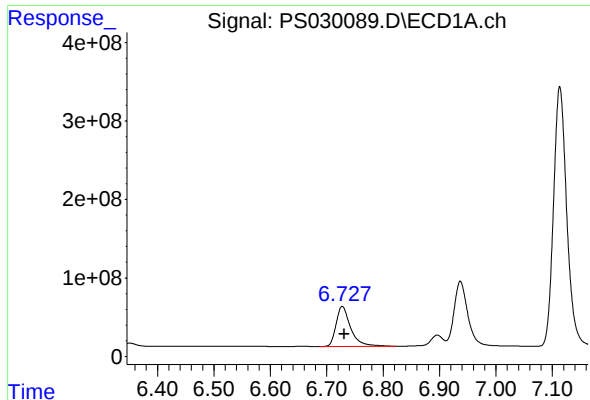
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 1902980060
Conc: 532.48 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: -0.005 min
Response: 522027238
Conc: 534.00 ng/ml



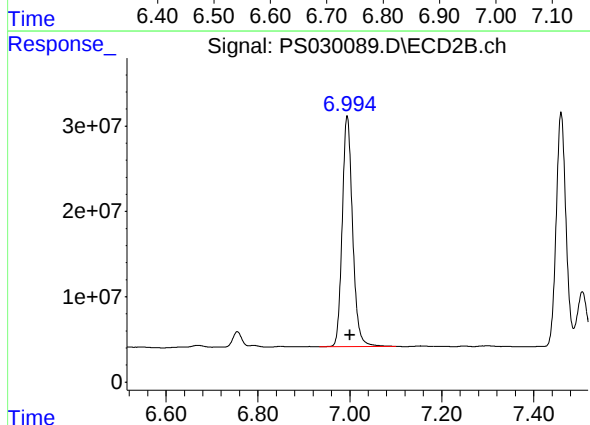
#3 4-Nitrophenol

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 923448345
Conc: 517.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BS

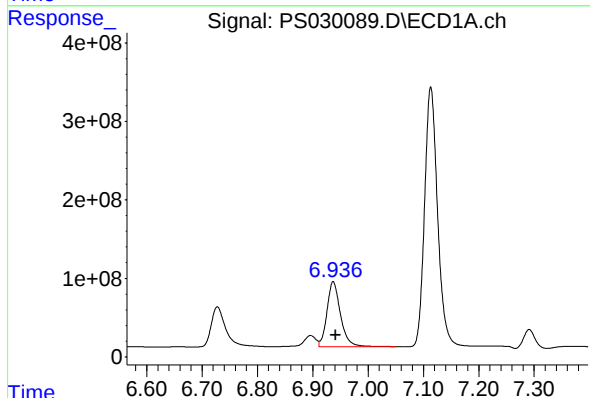
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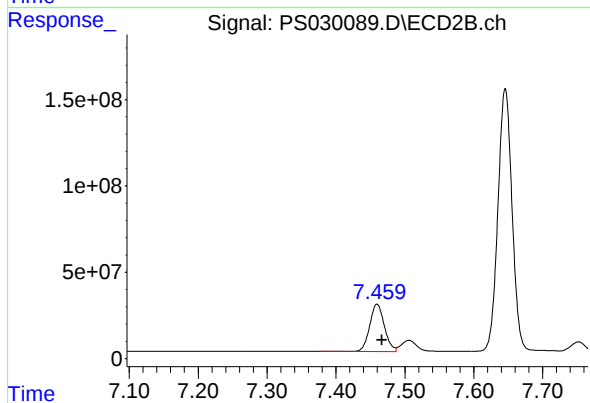
#3 4-Nitrophenol

R.T.: 6.994 min
Delta R.T.: -0.006 min
Response: 422411287
Conc: 551.51 ng/ml



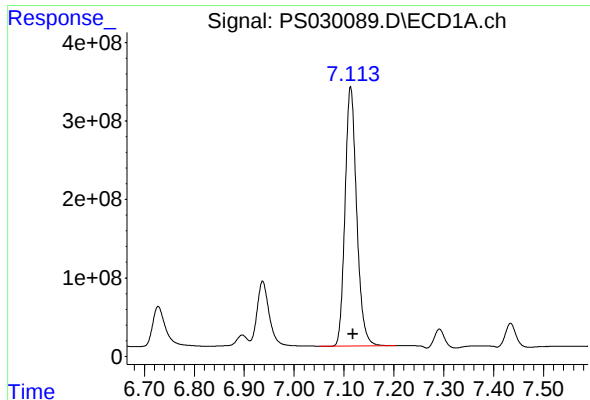
#4 2,4-DCAA

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1407352380
Conc: 571.84 ng/ml



#4 2,4-DCAA

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 405710148
Conc: 575.87 ng/ml



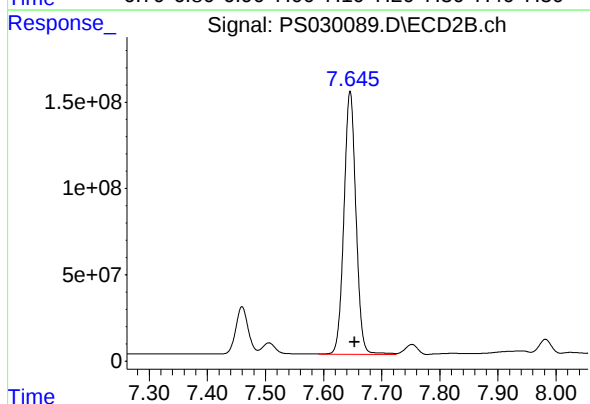
#5 DICAMBA

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 5359855299
Conc: 541.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BS

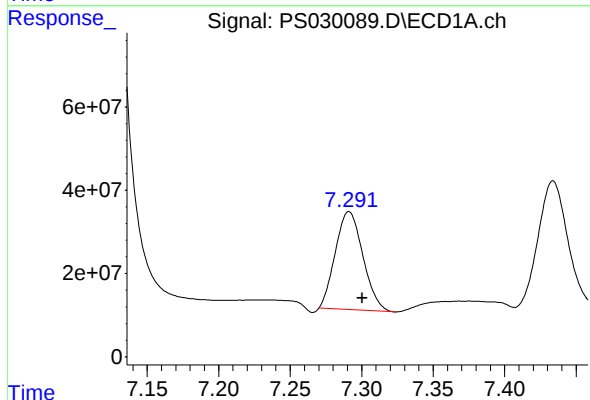
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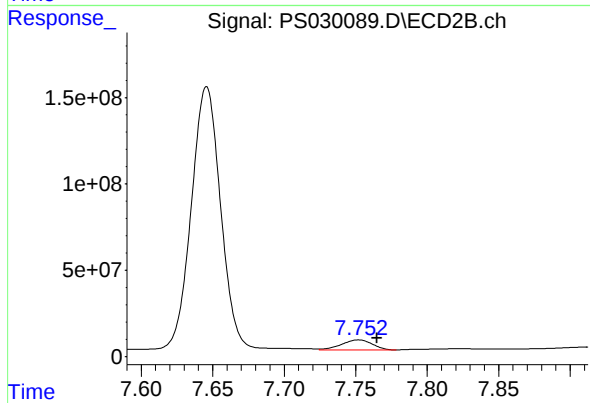
#5 DICAMBA

R.T.: 7.646 min
Delta R.T.: -0.008 min
Response: 2193600664
Conc: 555.33 ng/ml



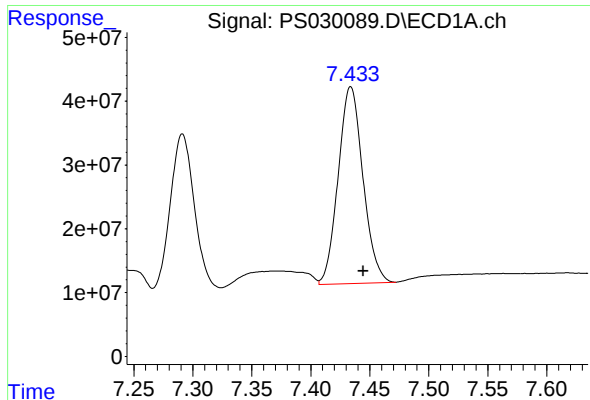
#6 MCP

R.T.: 7.291 min
Delta R.T.: -0.009 min
Response: 315996250
Conc: 49.04 ug/ml



#6 MCP

R.T.: 7.752 min
Delta R.T.: -0.013 min
Response: 86589410
Conc: 49.51 ug/ml



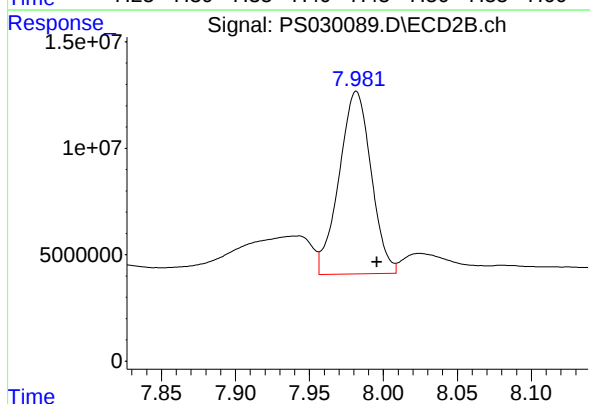
#7 MCPA

R.T.: 7.434 min
Delta R.T.: -0.011 min
Response: 450838893
Conc: 51.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BS

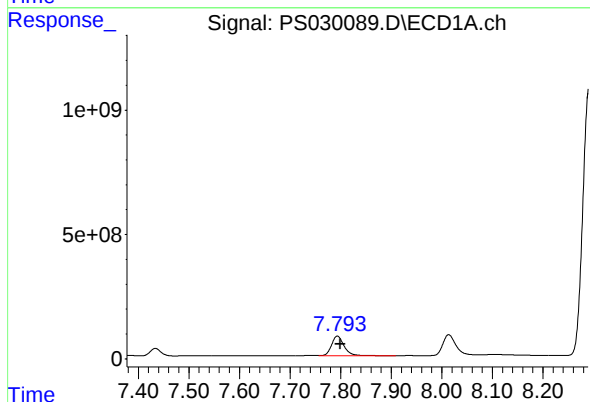
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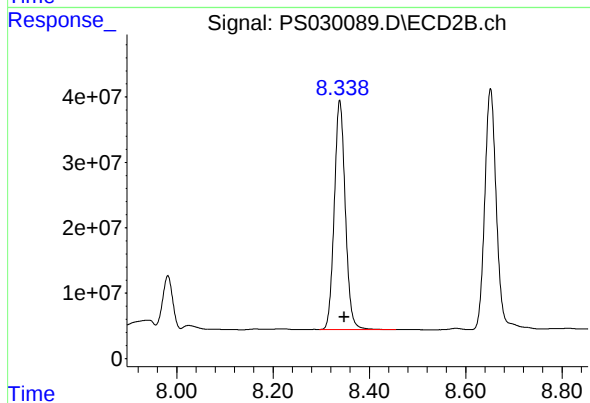
#7 MCPA

R.T.: 7.982 min
Delta R.T.: -0.014 min
Response: 129497186
Conc: 54.74 ug/ml



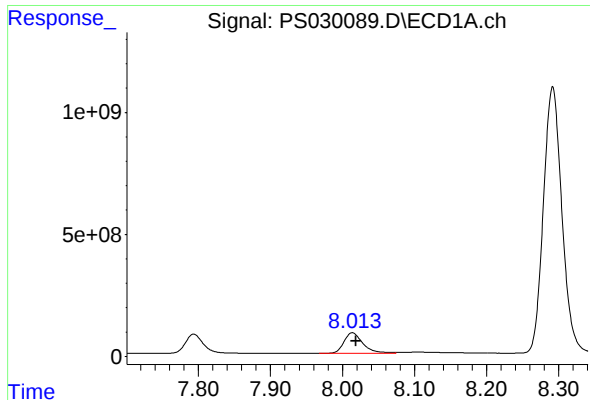
#8 DICHLORPROP

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 1347367067
Conc: 531.69 ng/ml



#8 DICHLORPROP

R.T.: 8.339 min
Delta R.T.: -0.009 min
Response: 554379138
Conc: 552.19 ng/ml



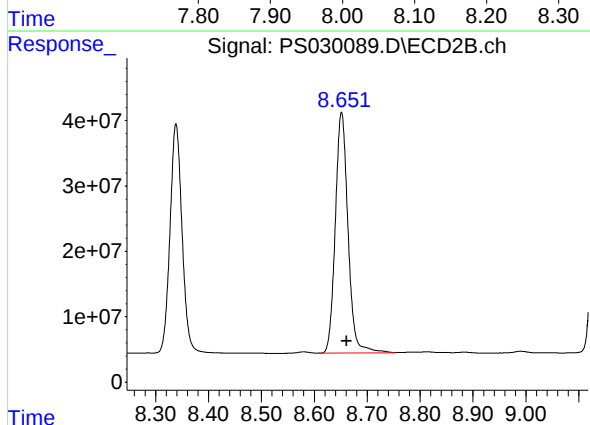
#9 2,4-D

R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 1533229791
Conc: 545.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BS

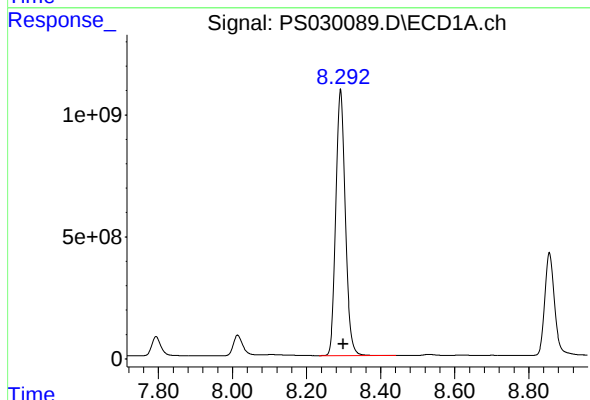
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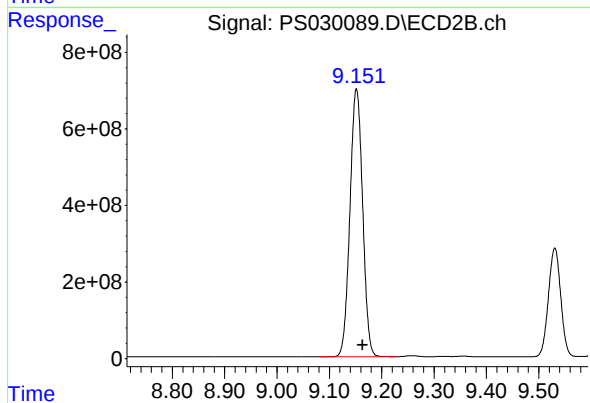
#9 2,4-D

R.T.: 8.652 min
Delta R.T.: -0.010 min
Response: 616814204
Conc: 547.25 ng/ml



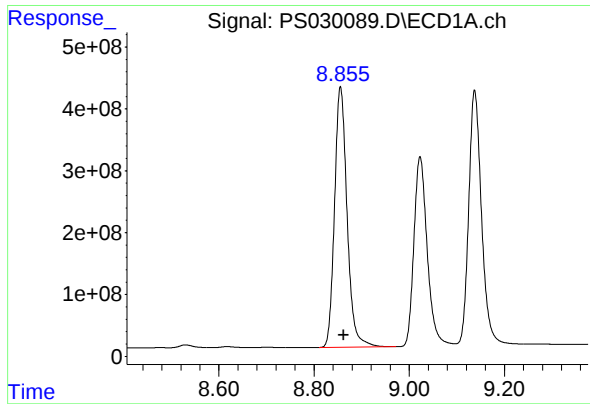
#10 Pentachlorophenol

R.T.: 8.292 min
Delta R.T.: -0.008 min
Response: 19512772641
Conc: 559.35 ng/ml



#10 Pentachlorophenol

R.T.: 9.152 min
Delta R.T.: -0.012 min
Response: 11791209402
Conc: 579.57 ng/ml



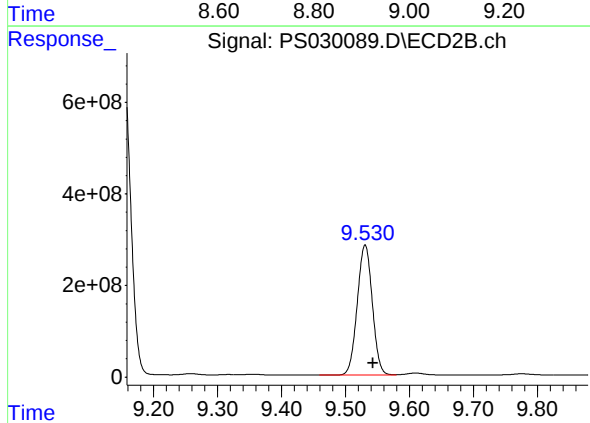
#11 2,4,5-TP (SILVEX)

R.T.: 8.855 min
Delta R.T.: -0.007 min
Response: 7694104920
Conc: 555.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BS

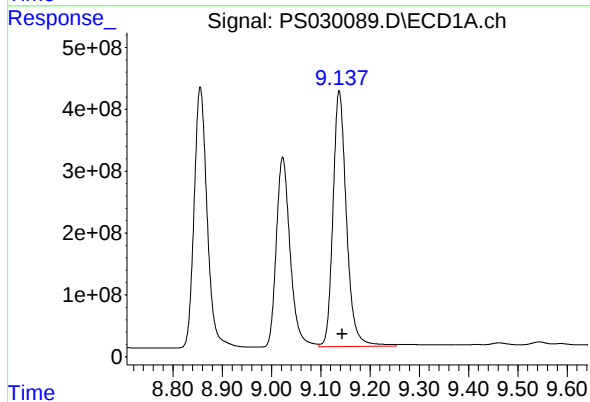
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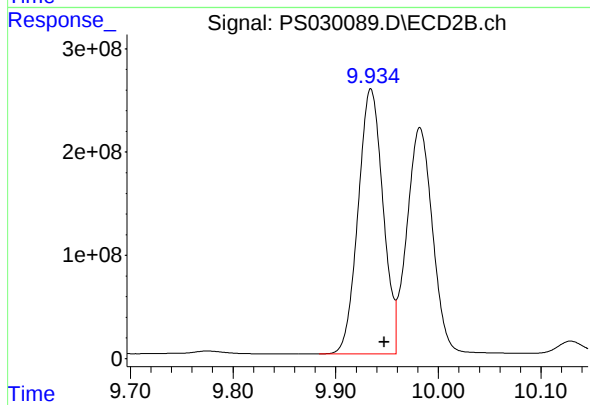
#11 2,4,5-TP (SILVEX)

R.T.: 9.531 min
Delta R.T.: -0.012 min
Response: 4644150057
Conc: 567.62 ng/ml



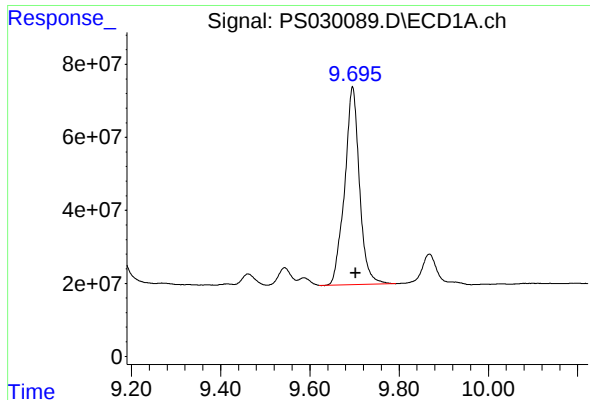
#12 2,4,5-T

R.T.: 9.137 min
Delta R.T.: -0.007 min
Response: 7840499315
Conc: 557.92 ng/ml



#12 2,4,5-T

R.T.: 9.934 min
Delta R.T.: -0.013 min
Response: 4328113570
Conc: 557.56 ng/ml



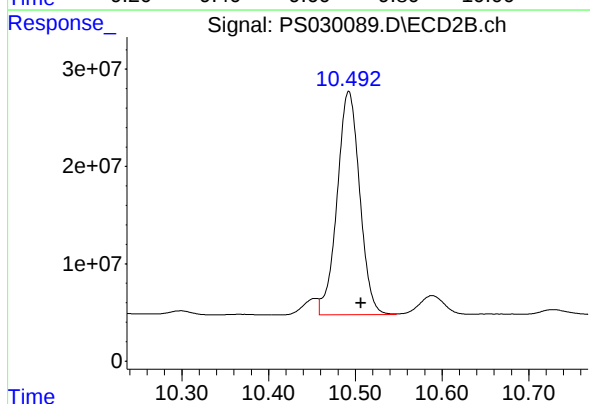
#13 2,4-DB

R.T.: 9.696 min
Delta R.T.: -0.006 min
Response: 1247146164
Conc: 545.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167912BS

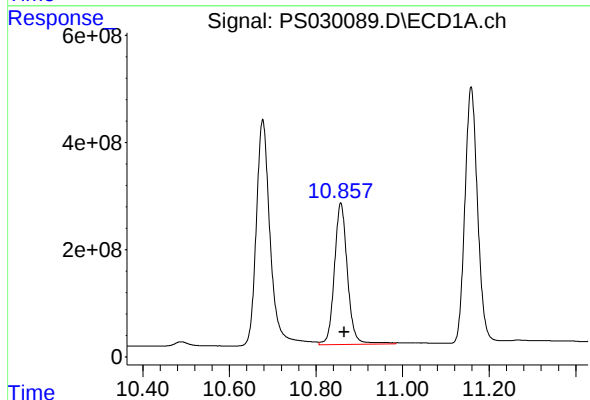
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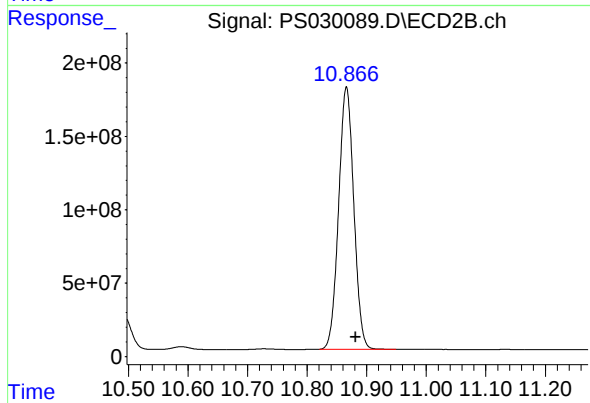
#13 2,4-DB

R.T.: 10.492 min
Delta R.T.: -0.014 min
Response: 415148802
Conc: 515.81 ng/ml



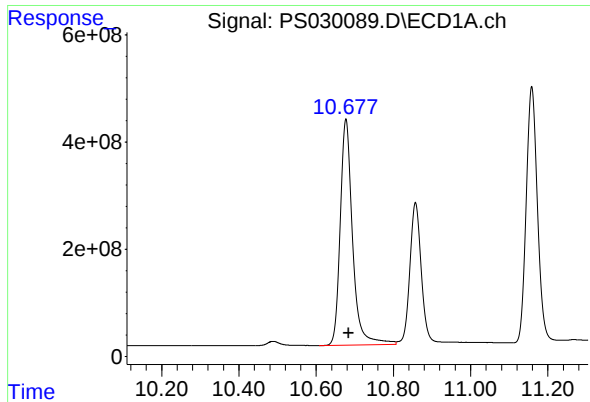
#14 DINOSEB

R.T.: 10.857 min
Delta R.T.: -0.009 min
Response: 5569210405
Conc: 547.43 ng/ml



#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: -0.015 min
Response: 3161825003
Conc: 542.25 ng/ml



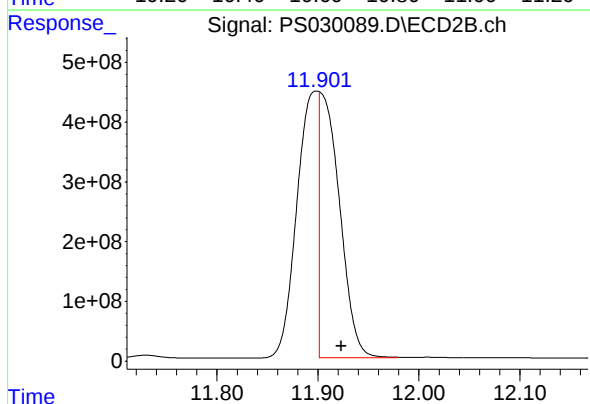
#15 Picloram

R.T.: 10.677 min
Delta R.T.: -0.007 min
Response: 9423458380
Conc: 514.08 ng/ml

Instrument :
ECD_S
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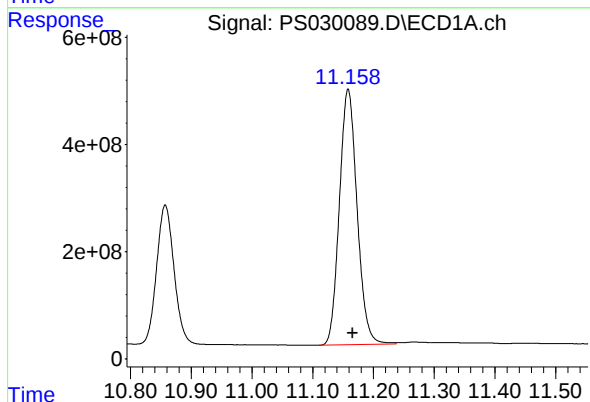
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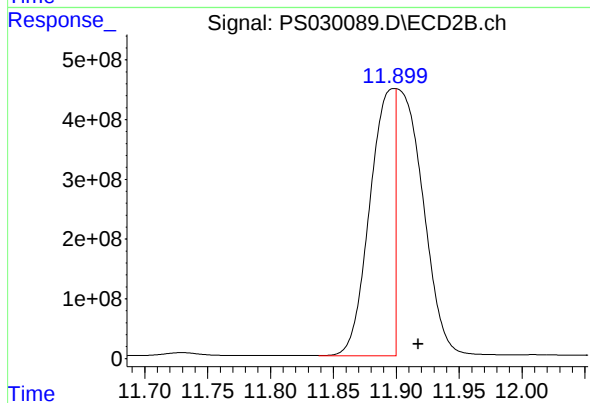
#15 Picloram

R.T.: 11.901 min
Delta R.T.: -0.022 min
Response: 6100697724
Conc: 496.65 ng/ml m



#16 DCPA

R.T.: 11.158 min
Delta R.T.: -0.008 min
Response: 9661657165
Conc: 567.63 ng/ml



#16 DCPA

R.T.: 11.899 min
Delta R.T.: -0.018 min
Response: 6080198110
Conc: 539.42 ng/ml m