

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS041725\
 Data File : PS029849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 22:15
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/18/2025
 Supervised By : mohammad ahmed 04/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 23:44:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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	6.948	7.473	1529.8E6	485.1E6	750.315	711.856
Target Compounds							
1) T	Dalapon	2.454	2.530	2388.2E6	1030.3E6	703.991	648.995
2) T	3,5-DICHL...	6.152	6.468	2217.7E6	637.7E6	737.335	660.492
3) T	4-Nitroph...	6.739	7.007	1036.1E6	472.7E6	737.510	666.712
5) T	DICAMBA	7.125	7.660	6158.6E6	2601.9E6	740.046	704.483
6) T	MCP	7.303	7.766	391.3E6	107.7E6	72.195	63.768
7) T	MCPA	7.445	7.996	537.1E6	143.4E6	73.894m	63.041
8) T	DICHLORPROP	7.805	8.354	1521.4E6	656.2E6	691.713	679.210
9) T	2,4-D	8.026	8.668	1704.4E6	726.3E6	707.328	673.414
10) T	Pentachlo...	8.304	9.170	21947.5E6	13597.6E6	721.837	758.468
11) T	2,4,5-TP ...	8.869	9.549	8549.5E6	5397.1E6	736.051	748.256
12) T	2,4,5-T	9.151	9.954	8716.7E6	5069.3E6	757.685	756.297
13) T	2,4-DB	9.710	10.513	1414.7E6	517.6E6	778.713	697.557
14) T	DINOSEB	10.875	10.887	6101.8E6	3682.4E6	722.793	720.225
15) T	Picloram	10.692	11.923	11000.6E6	8340.1E6	709.699	705.332m
16) T	DCPA	11.175	11.923	10637.0E6	7006.6E6	761.629m	791.651m

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

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Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

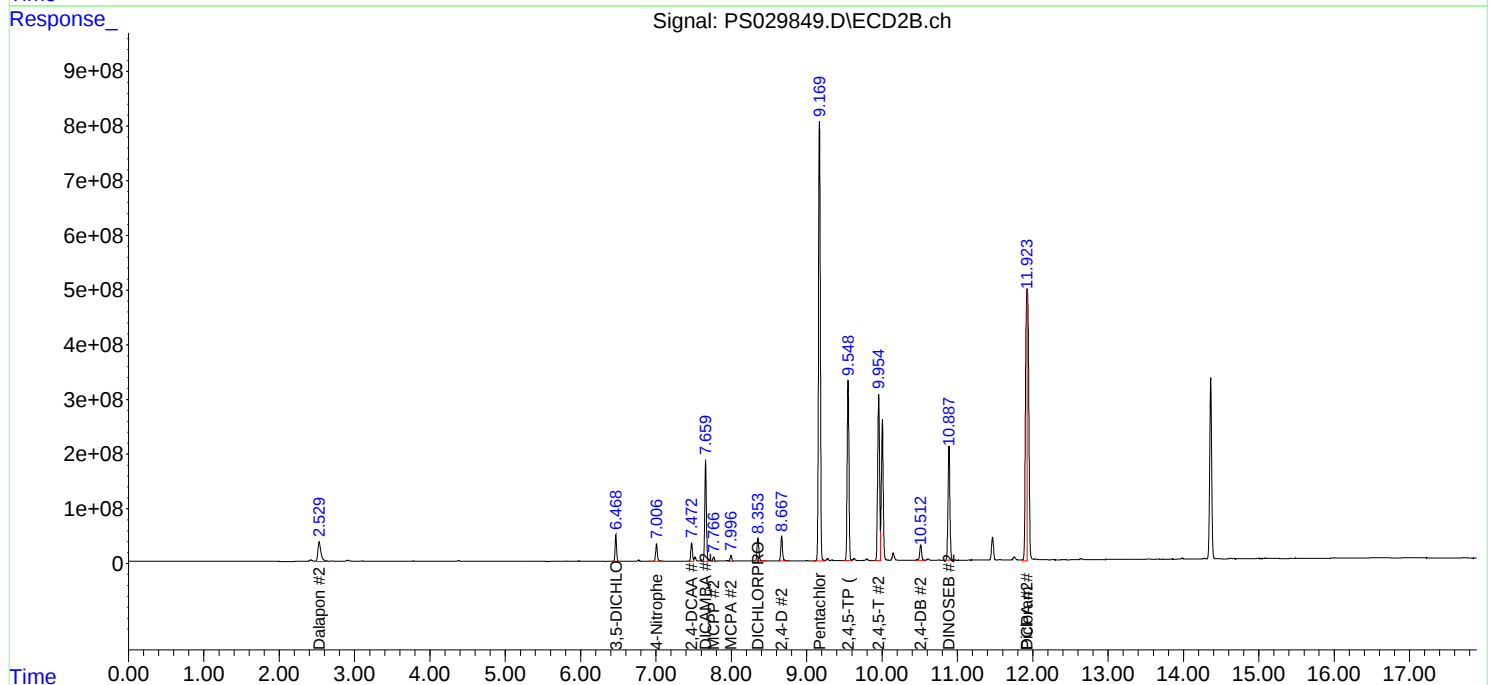
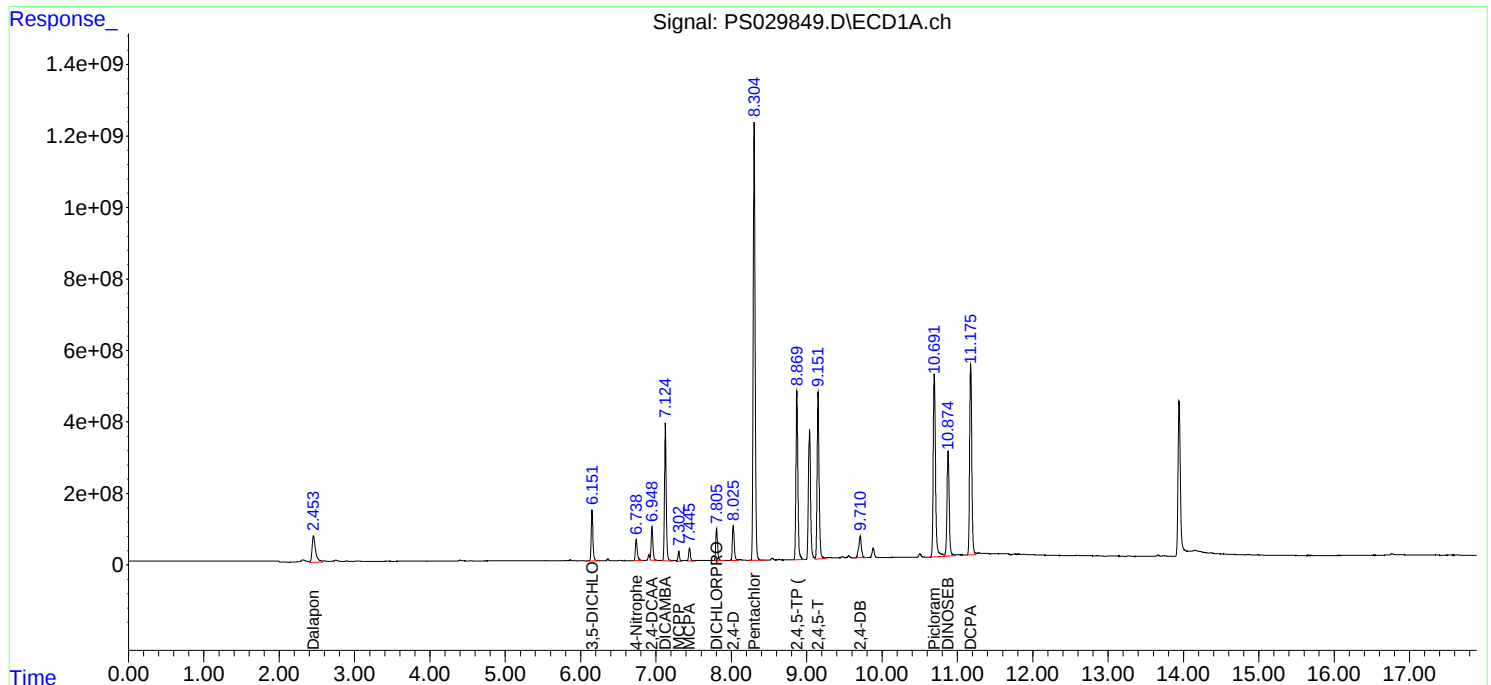
Instrument :
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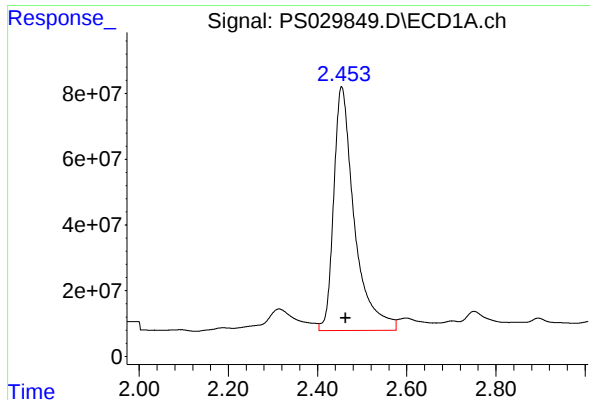
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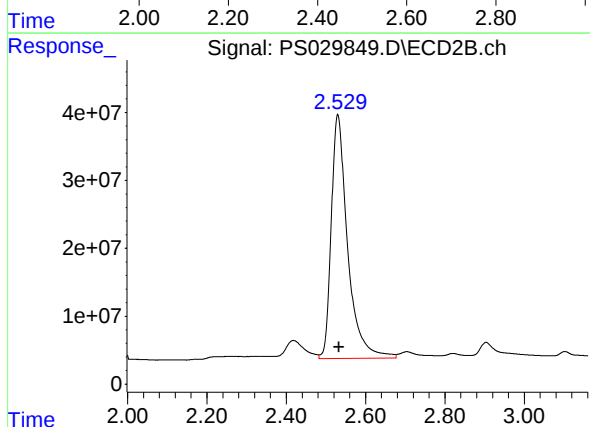
#1 Dalapon

R.T.: 2.454 min
Delta R.T.: -0.009 min
Response: 2388216316
Conc: 703.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

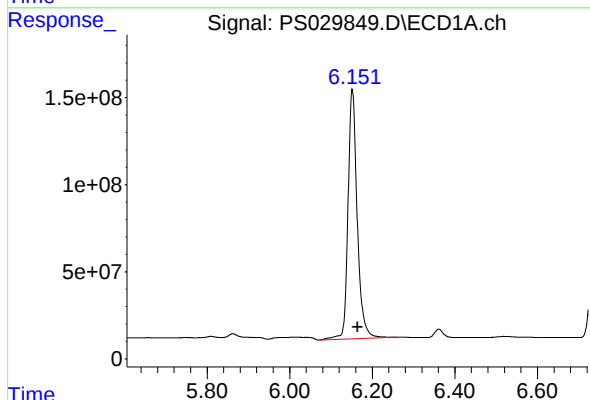
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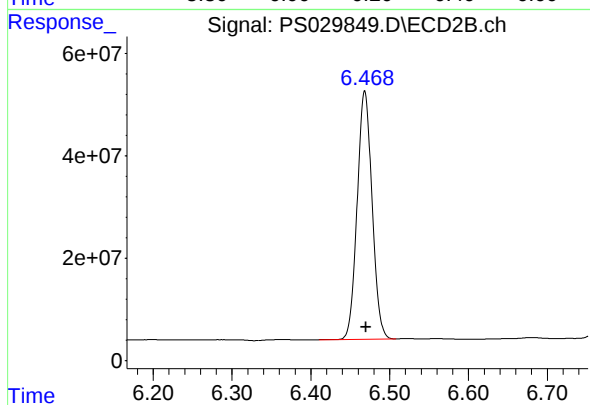
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 1030341063
Conc: 648.99 ng/ml



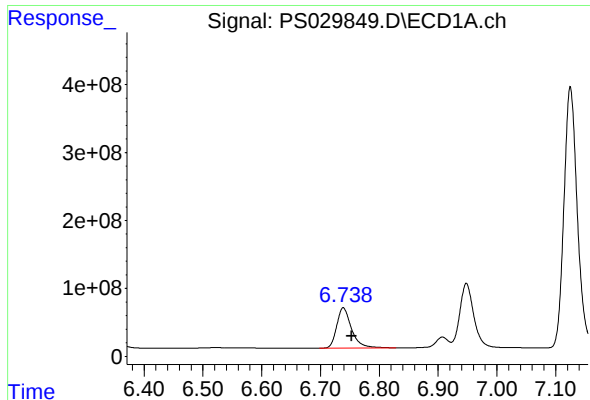
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.152 min
Delta R.T.: -0.013 min
Response: 2217726617
Conc: 737.34 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 637742607
Conc: 660.49 ng/ml



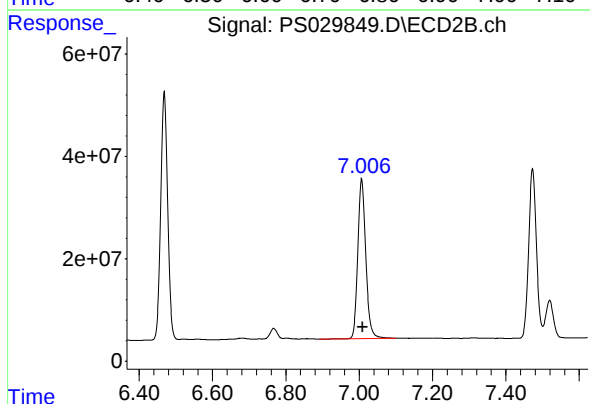
#3 4-Nitrophenol

R.T.: 6.739 min
Delta R.T.: -0.014 min
Response: 1036053192
Conc: 737.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

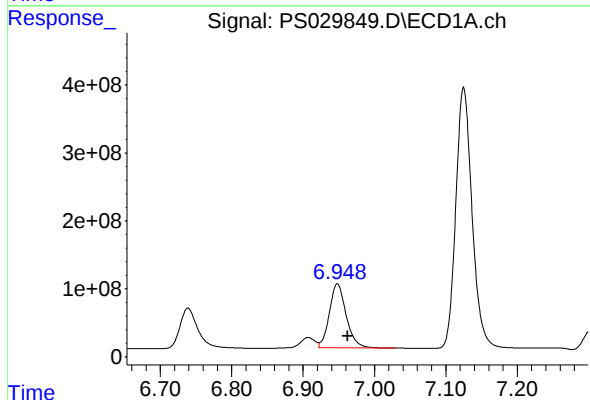
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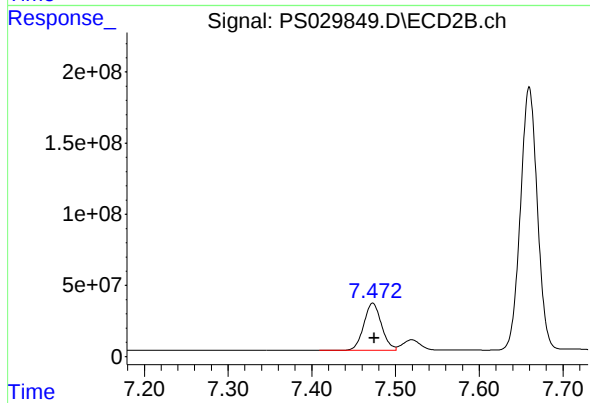
#3 4-Nitrophenol

R.T.: 7.007 min
Delta R.T.: -0.003 min
Response: 472697605
Conc: 666.71 ng/ml



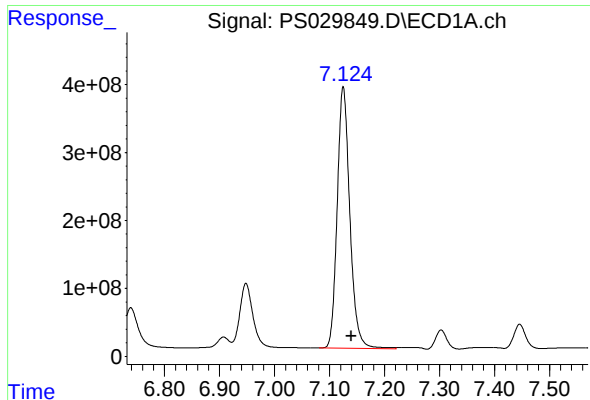
#4 2,4-DCAA

R.T.: 6.948 min
Delta R.T.: -0.015 min
Response: 1529764332
Conc: 750.31 ng/ml



#4 2,4-DCAA

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 485139230
Conc: 711.86 ng/ml



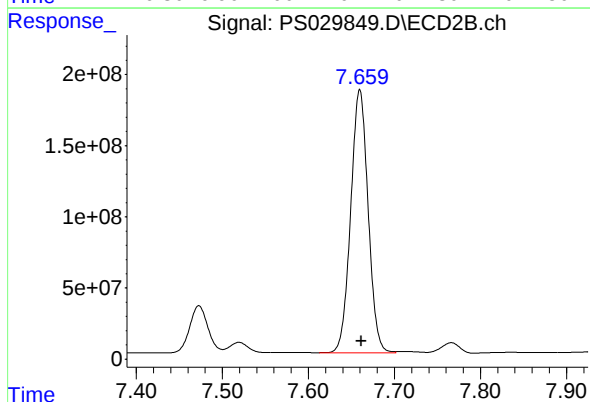
#5 DICAMBA

R.T.: 7.125 min
Delta R.T.: -0.015 min
Response: 6158616244
Conc: 740.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

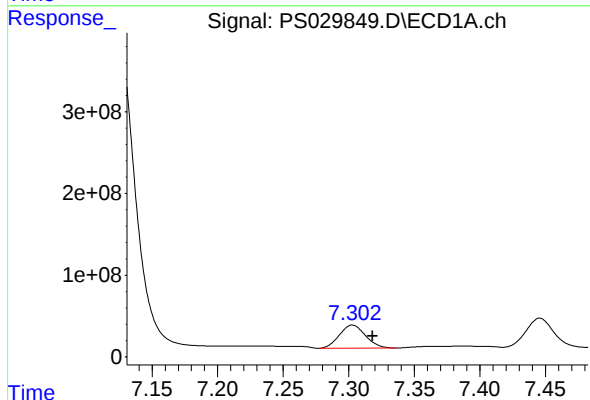
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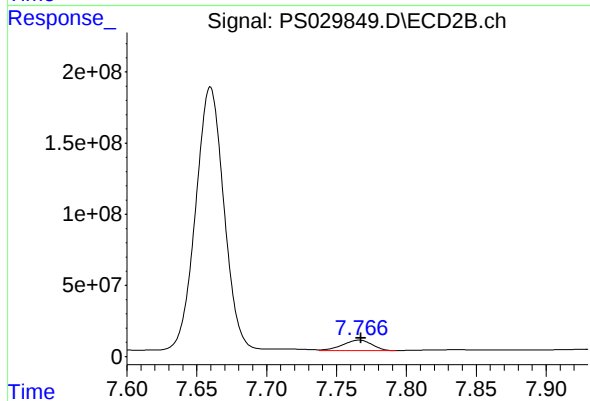
#5 DICAMBA

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 2601917745
Conc: 704.48 ng/ml



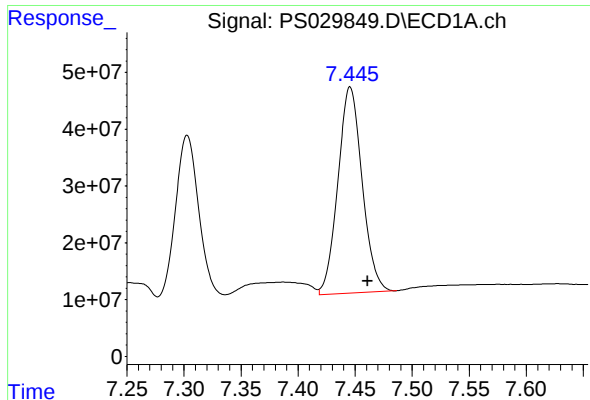
#6 MCPP

R.T.: 7.303 min
Delta R.T.: -0.015 min
Response: 391288619
Conc: 72.20 ug/ml



#6 MCPP

R.T.: 7.766 min
Delta R.T.: -0.001 min
Response: 107670632
Conc: 63.77 ug/ml



#7 MCPA

R.T.: 7.445 min
Delta R.T.: -0.016 min
Response: 537134128
Conc: 73.89 ug/ml

Instrument :

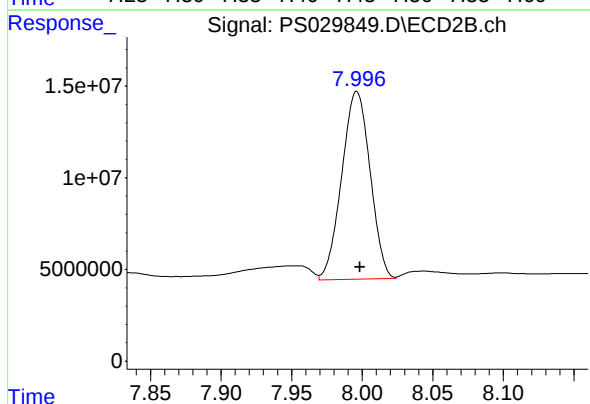
ECD_S

ClientSampleId :

HSTDCCC750

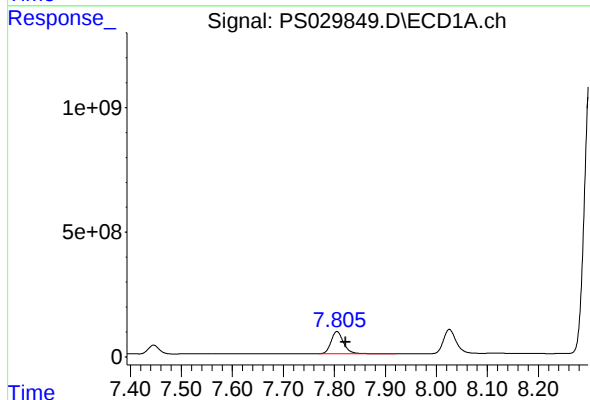
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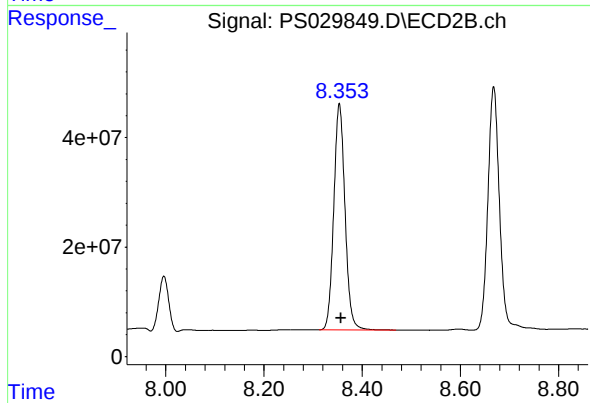
#7 MCPA

R.T.: 7.996 min
Delta R.T.: -0.002 min
Response: 143433924
Conc: 63.04 ug/ml



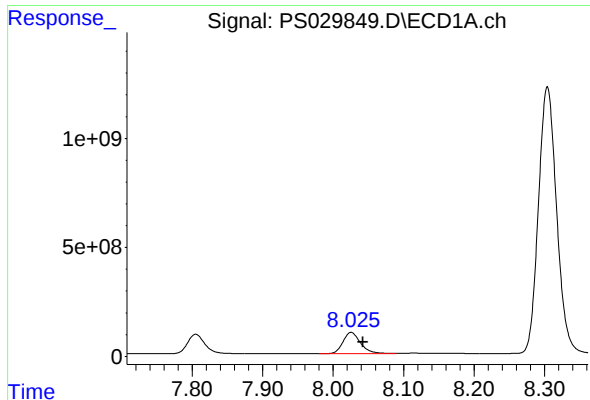
#8 DICHLORPROP

R.T.: 7.805 min
Delta R.T.: -0.017 min
Response: 1521379532
Conc: 691.71 ng/ml



#8 DICHLORPROP

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 656220804
Conc: 679.21 ng/ml



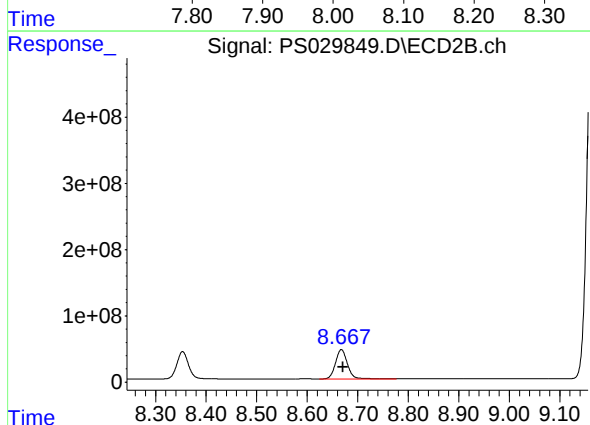
#9 2,4-D

R.T.: 8.026 min
Delta R.T.: -0.017 min
Response: 1704371896
Conc: 707.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

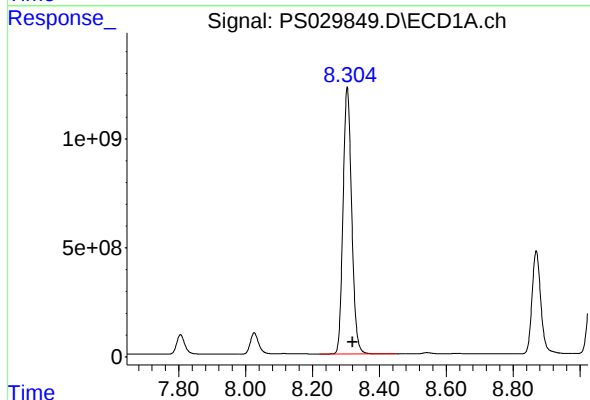
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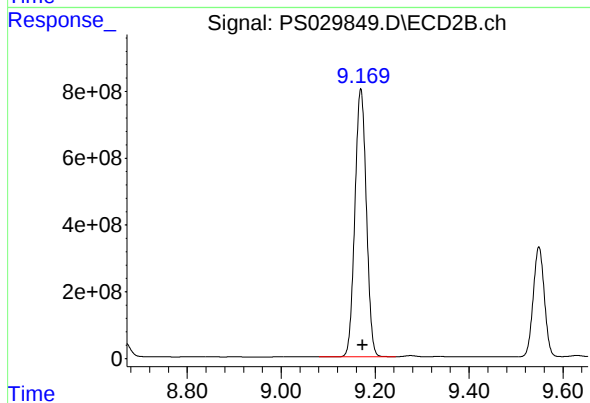
#9 2,4-D

R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 726252859
Conc: 673.41 ng/ml



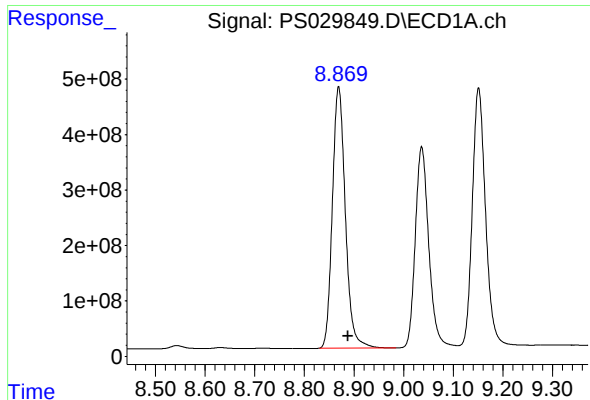
#10 Pentachlorophenol

R.T.: 8.304 min
Delta R.T.: -0.017 min
Response: 21947459268
Conc: 721.84 ng/ml



#10 Pentachlorophenol

R.T.: 9.170 min
Delta R.T.: -0.004 min
Response: 13597605535
Conc: 758.47 ng/ml



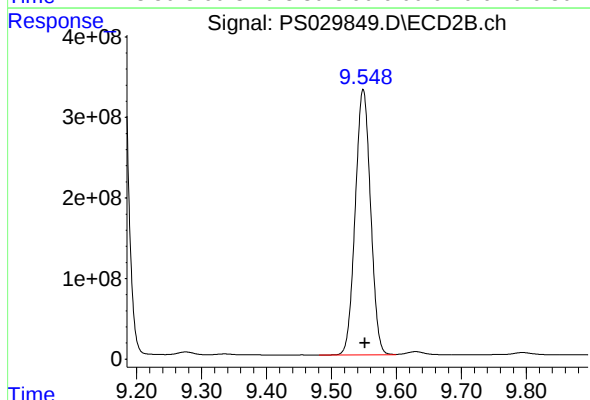
#11 2,4,5-TP (SILVEX)

R.T.: 8.869 min
Delta R.T.: -0.019 min
Response: 8549486976
Conc: 736.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
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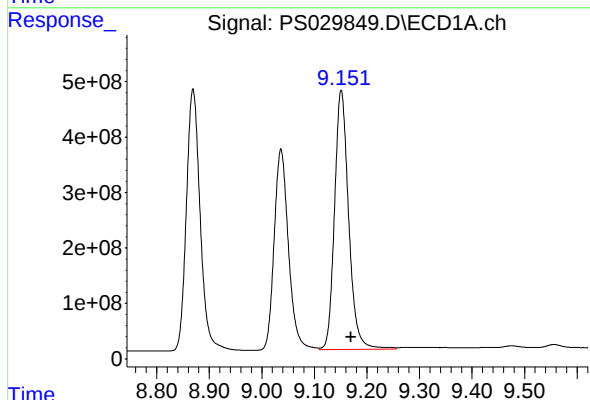
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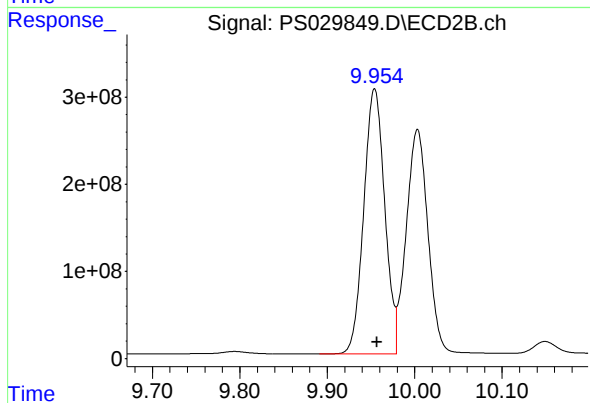
#11 2,4,5-TP (SILVEX)

R.T.: 9.549 min
Delta R.T.: -0.003 min
Response: 5397141180
Conc: 748.26 ng/ml



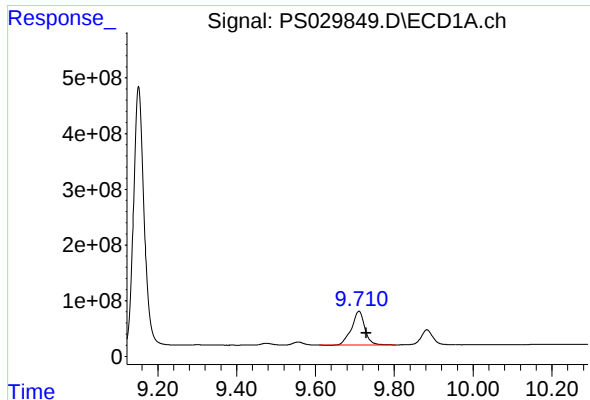
#12 2,4,5-T

R.T.: 9.151 min
Delta R.T.: -0.019 min
Response: 8716729097
Conc: 757.68 ng/ml



#12 2,4,5-T

R.T.: 9.954 min
Delta R.T.: -0.003 min
Response: 5069336749
Conc: 756.30 ng/ml



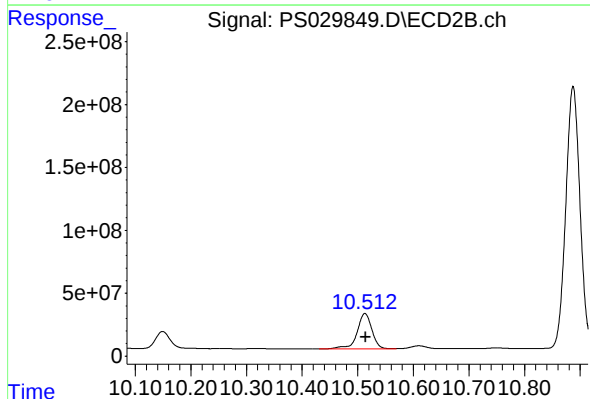
#13 2,4-DB

R.T.: 9.710 min
Delta R.T.: -0.019 min
Response: 1414721519
Conc: 778.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

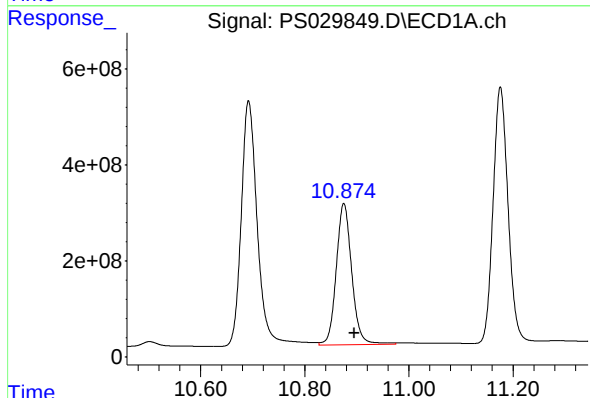
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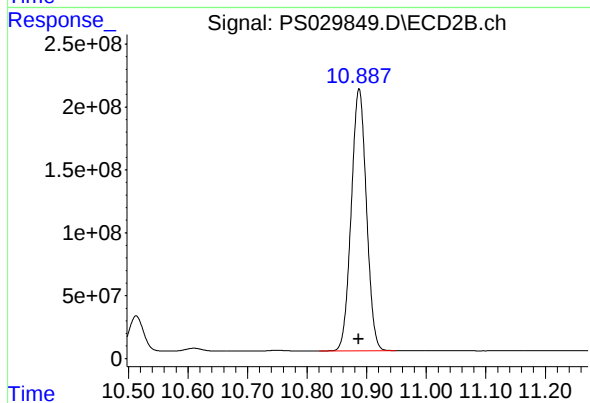
#13 2,4-DB

R.T.: 10.513 min
Delta R.T.: -0.001 min
Response: 517570254
Conc: 697.56 ng/ml



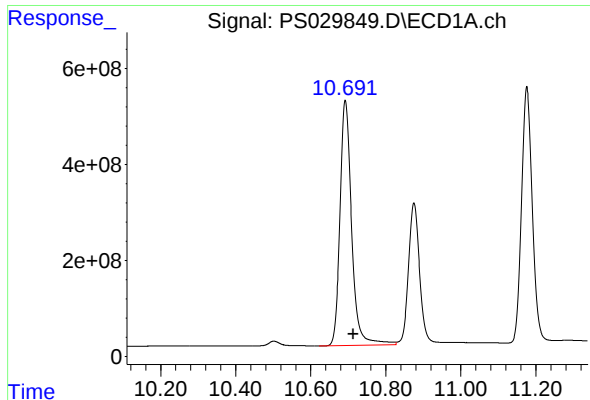
#14 DINOSEB

R.T.: 10.875 min
Delta R.T.: -0.020 min
Response: 6101845520
Conc: 722.79 ng/ml



#14 DINOSEB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 3682365690
Conc: 720.22 ng/ml



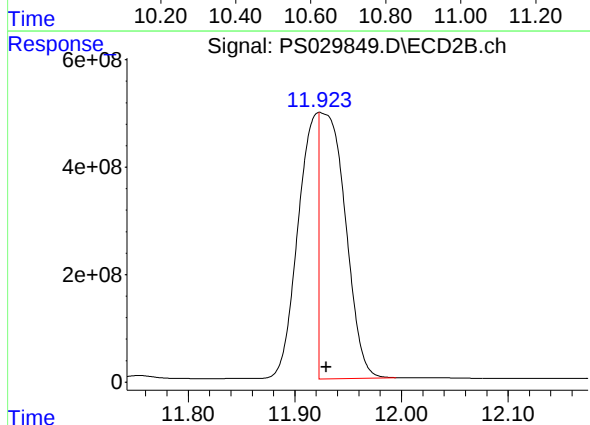
#15 Picloram

R.T.: 10.692 min
Delta R.T.: -0.021 min
Response: 11000616549
Conc: 709.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

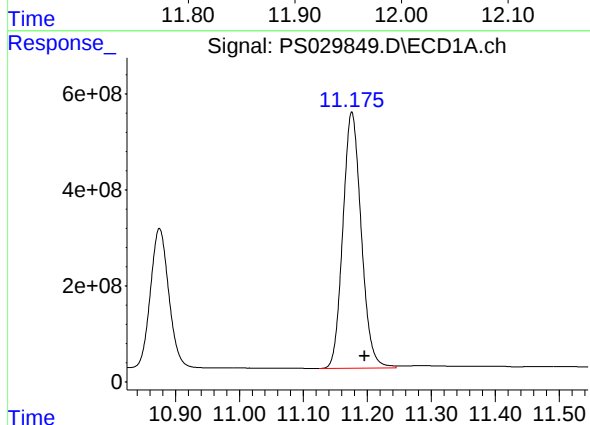
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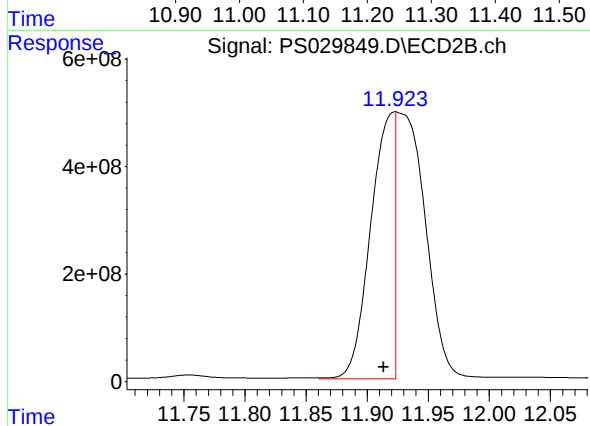
#15 Picloram

R.T.: 11.923 min
Delta R.T.: -0.007 min
Response: 8340148880
Conc: 705.33 ng/ml m



#16 DCPA

R.T.: 11.175 min
Delta R.T.: -0.020 min
Response: 10636994207
Conc: 761.63 ng/ml m



#16 DCPA

R.T.: 11.923 min
Delta R.T.: 0.010 min
Response: 7006633345
Conc: 791.65 ng/ml m