

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020725\
 Data File : PS029094.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 13:01
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/10/2025
 Supervised By : Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 08:47:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Feb 04 17:44:08 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	7.190	7.665	2140.3E6	773.0E6	789.804	698.495
Target Compounds							
1) T	Dalapon	2.611	2.662	2277.3E6	1370.8E6	762.437	674.437
2) T	3,5-DICHL...	6.368	6.632	2922.6E6	1071.1E6	748.636	653.651
3) T	4-Nitroph...	6.988	7.195	1278.6E6	618.9E6	731.266	702.008
5) T	DICAMBA	7.374	7.860	8986.0E6	3940.7E6	770.816	706.325
6) T	MCP	7.555	7.965	542.9E6	189.7E6	77.908m	62.609
7) T	MCPA	7.705	8.207	732.6E6	260.8E6	74.050	61.350
8) T	DICHLORPROP	8.077	8.571	2296.9E6	955.5E6	743.564	684.639
9) T	2,4-D	8.306	8.898	2437.1E6	1005.9E6	739.166	677.176
10) T	Pentachlo...	8.602	9.419	36895.7E6	17165.9E6	812.513	752.756
11) T	2,4,5-TP ...	9.176	9.796	14314.7E6	6912.8E6	767.641	740.237
12) T	2,4,5-T	9.467	10.213	14249.1E6	6465.6E6	761.149	723.967
13) T	2,4-DB	10.037	10.777	2526.0E6	663.3E6	723.375	666.916
14) T	DINOSEB	11.238	11.154	11915.0E6	4494.3E6	739.268	707.801
15) T	Picloram	11.050	12.234	22479.7E6	9427.8E6	725.404	700.453
16) T	DCPA	11.534	12.191	21456.9E6	8731.1E6	769.313	774.800

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

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Acq On : 07 Feb 2025 13:01
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

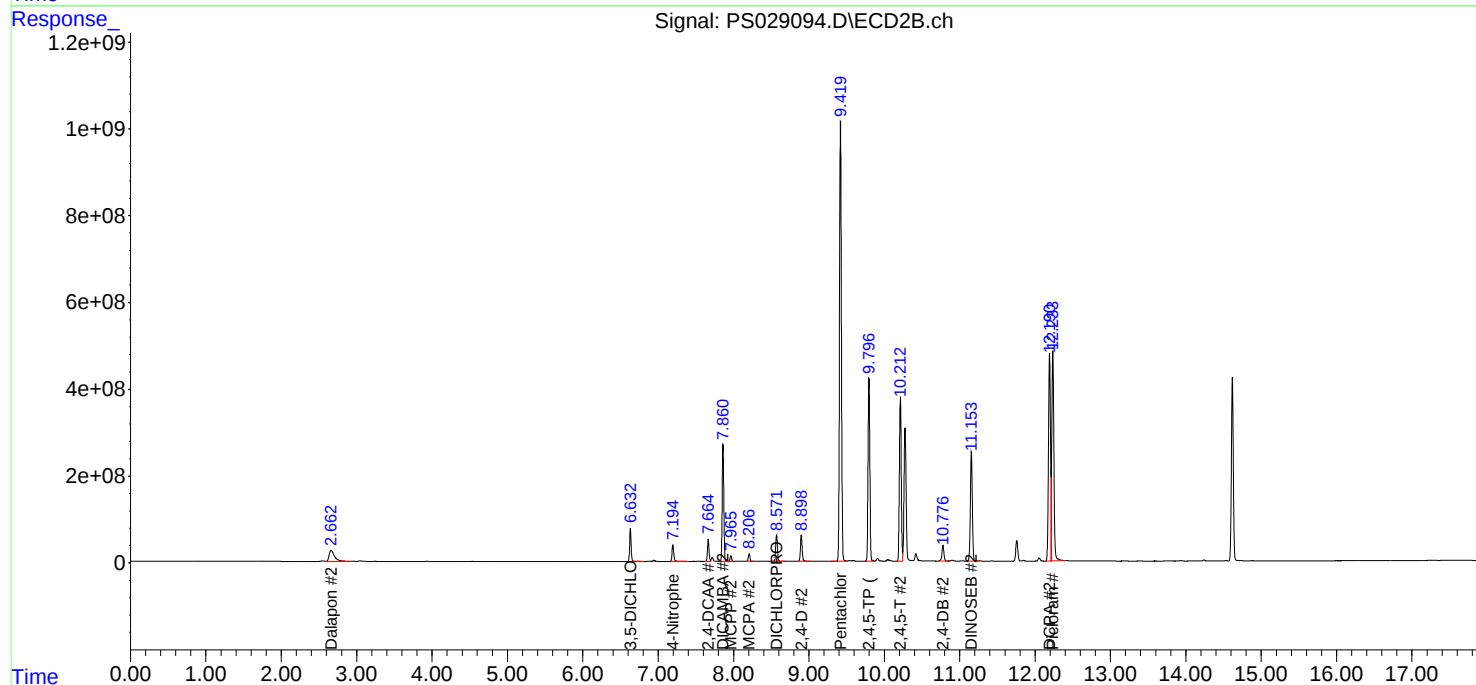
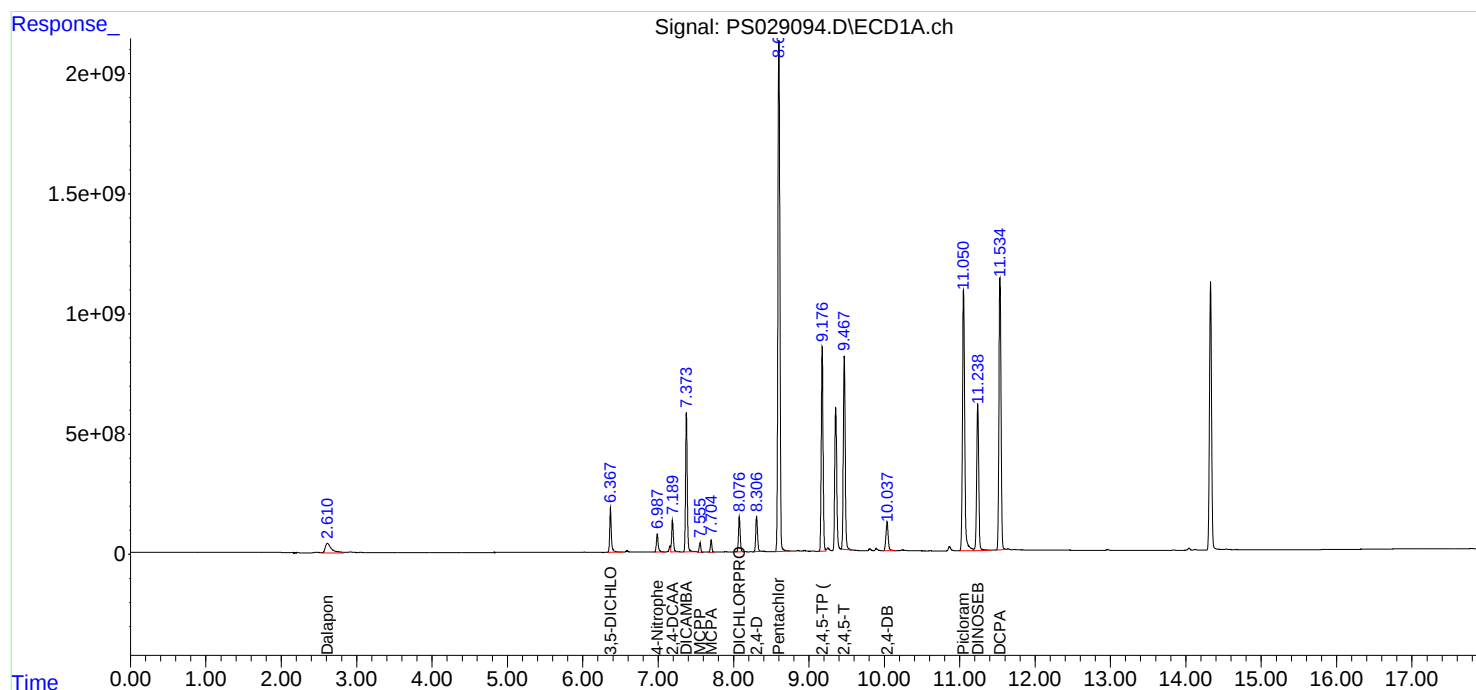
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

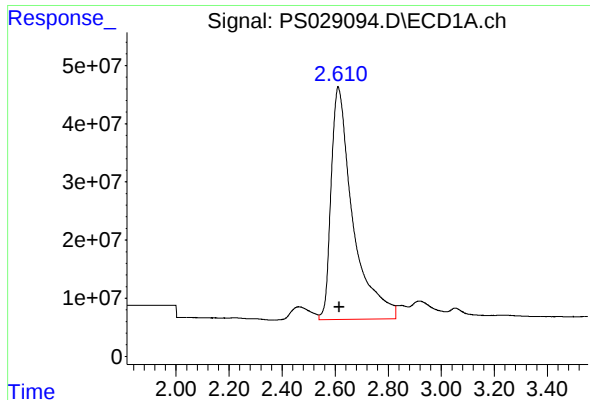
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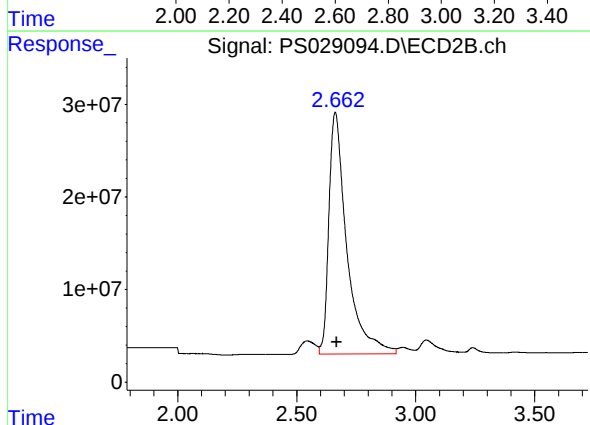
#1 Dalapon

R.T.: 2.611 min
Delta R.T.: -0.004 min
Response: 2277251029
Conc: 762.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

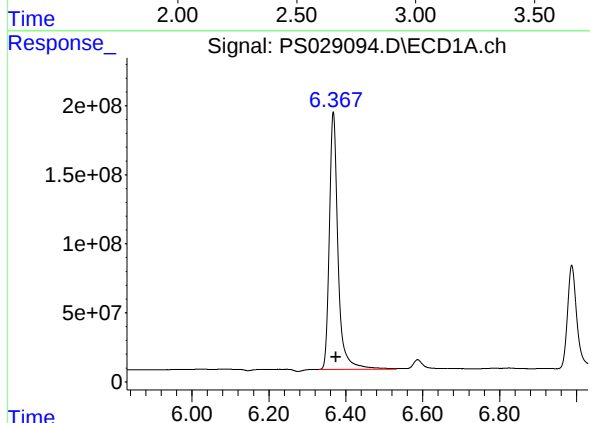
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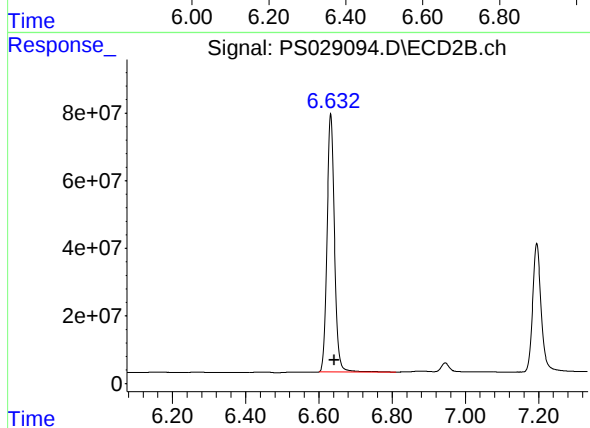
#1 Dalapon

R.T.: 2.662 min
Delta R.T.: -0.006 min
Response: 1370767067
Conc: 674.44 ng/ml



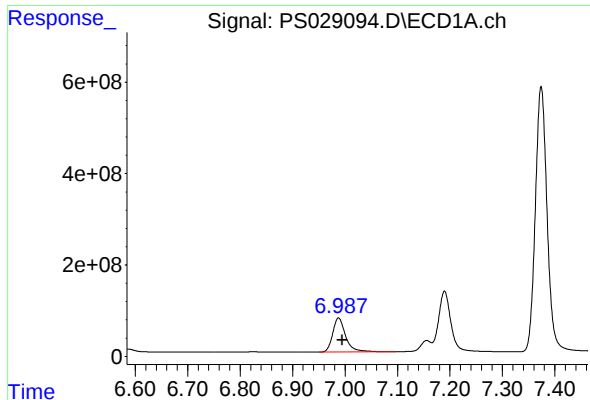
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.368 min
Delta R.T.: -0.007 min
Response: 2922613628
Conc: 748.64 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 1071093473
Conc: 653.65 ng/ml



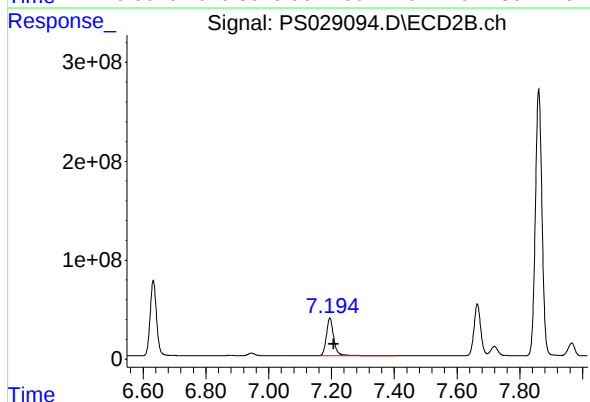
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: -0.008 min
Response: 1278568858
Conc: 731.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

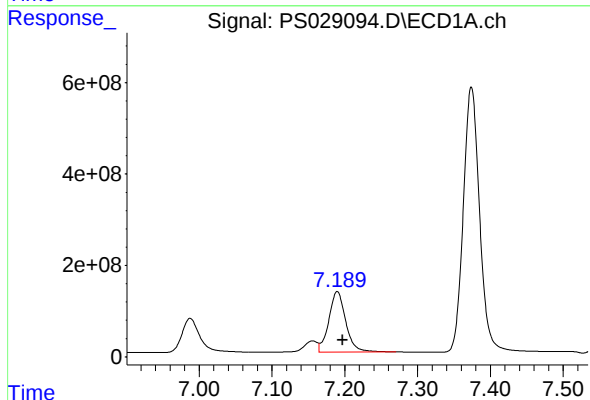
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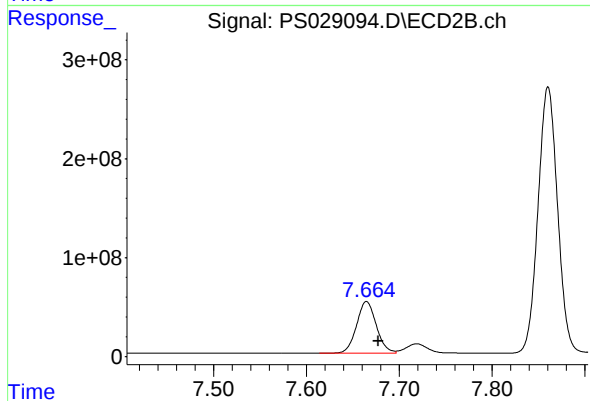
#3 4-Nitrophenol

R.T.: 7.195 min
Delta R.T.: -0.012 min
Response: 618910333
Conc: 702.01 ng/ml



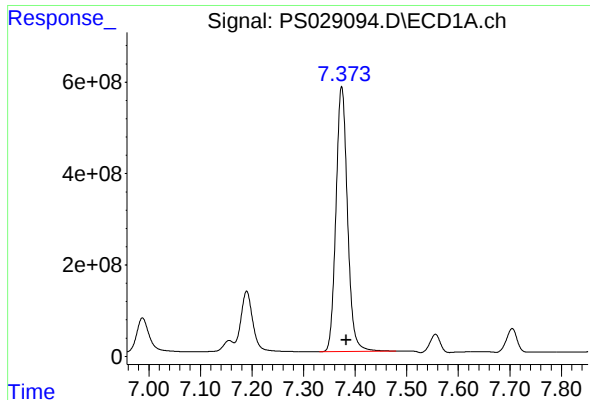
#4 2,4-DCAA

R.T.: 7.190 min
Delta R.T.: -0.007 min
Response: 2140339509
Conc: 789.80 ng/ml



#4 2,4-DCAA

R.T.: 7.665 min
Delta R.T.: -0.013 min
Response: 773001463
Conc: 698.50 ng/ml



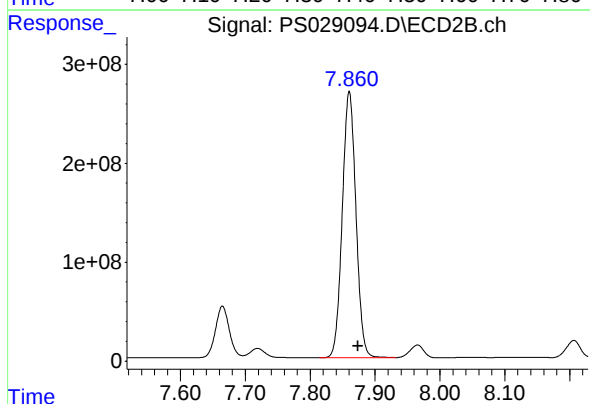
#5 DICAMBA

R.T.: 7.374 min
Delta R.T.: -0.009 min
Response: 8985963584
Conc: 770.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

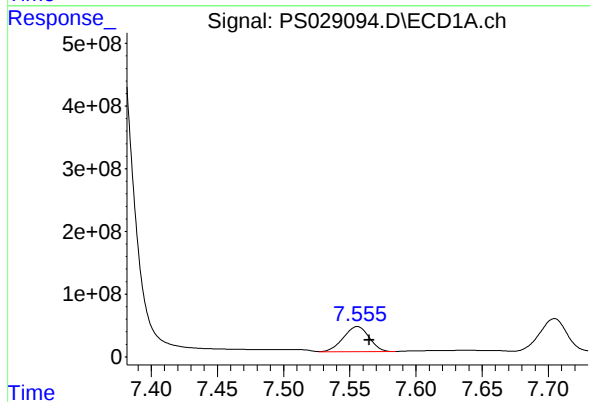
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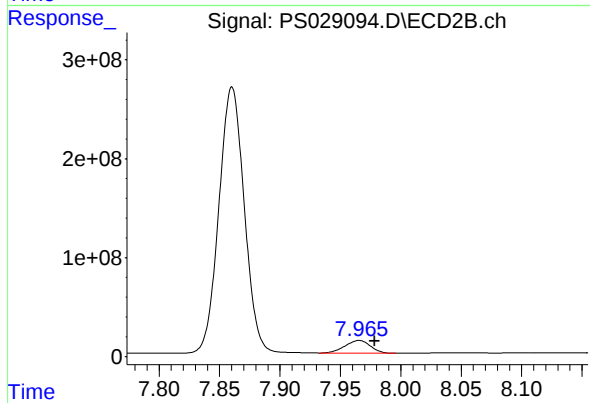
#5 DICAMBA

R.T.: 7.860 min
Delta R.T.: -0.014 min
Response: 3940699664
Conc: 706.32 ng/ml



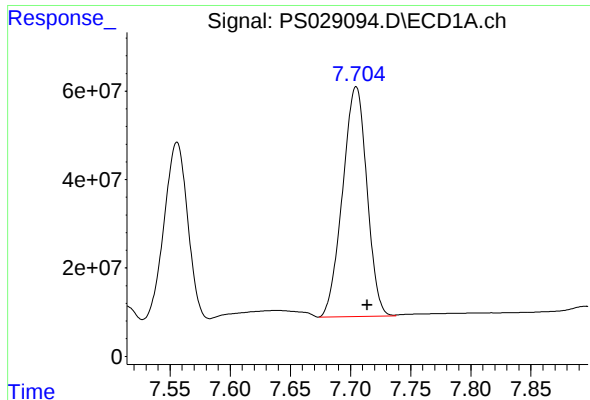
#6 MCPP

R.T.: 7.555 min
Delta R.T.: -0.009 min
Response: 542878444
Conc: 77.91 ug/ml m



#6 MCPP

R.T.: 7.965 min
Delta R.T.: -0.013 min
Response: 189661747
Conc: 62.61 ug/ml



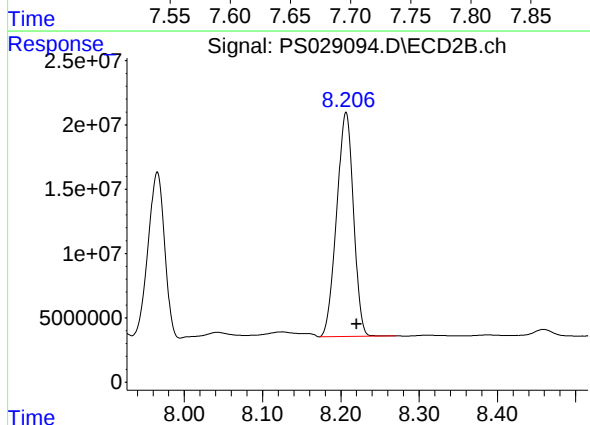
#7 MCPA

R.T.: 7.705 min
Delta R.T.: -0.009 min
Response: 732565568
Conc: 74.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

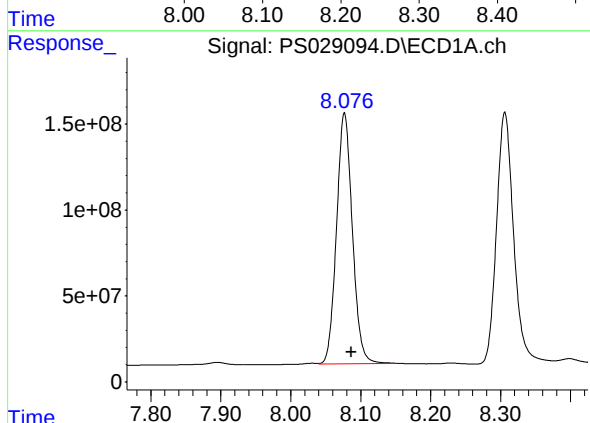
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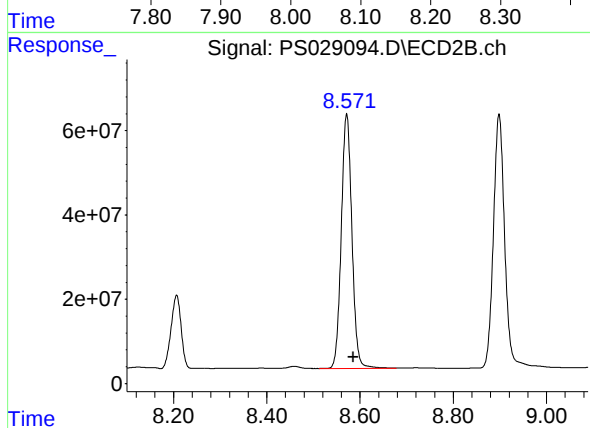
#7 MCPA

R.T.: 8.207 min
Delta R.T.: -0.014 min
Response: 260763549
Conc: 61.35 ug/ml



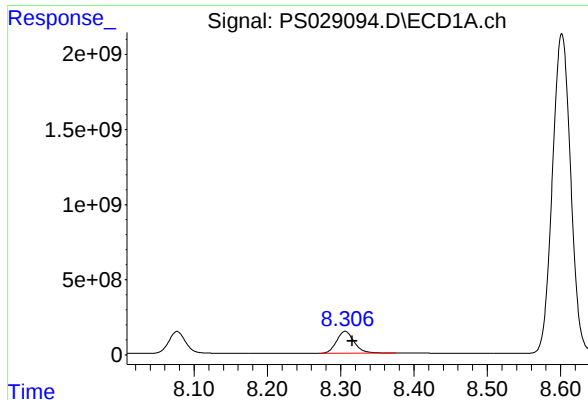
#8 DICHLORPROP

R.T.: 8.077 min
Delta R.T.: -0.010 min
Response: 2296949324
Conc: 743.56 ng/ml



#8 DICHLORPROP

R.T.: 8.571 min
Delta R.T.: -0.015 min
Response: 955458258
Conc: 684.64 ng/ml



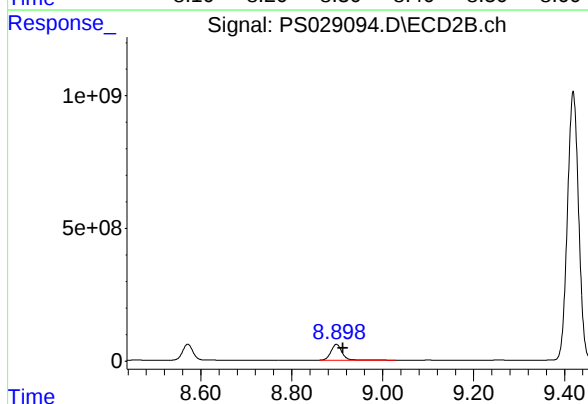
#9 2,4-D

R.T.: 8.306 min
Delta R.T.: -0.010 min
Response: 2437075924
Conc: 739.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

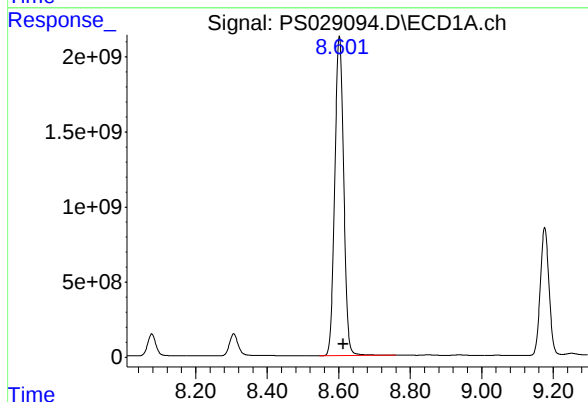
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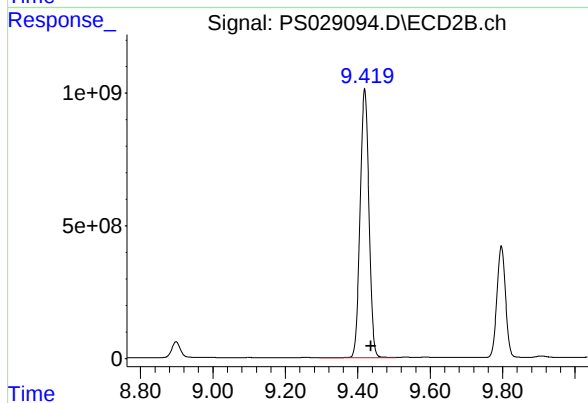
#9 2,4-D

R.T.: 8.898 min
Delta R.T.: -0.015 min
Response: 1005920332
Conc: 677.18 ng/ml



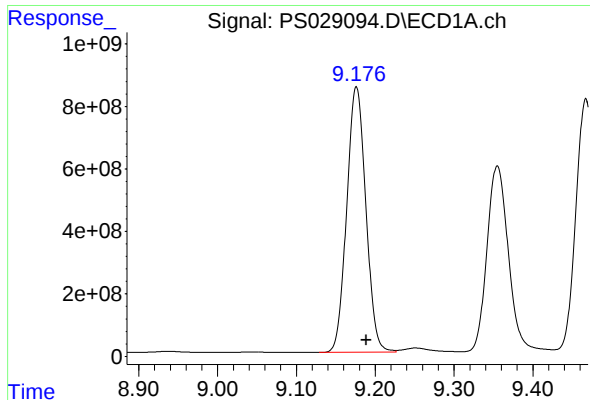
#10 Pentachlorophenol

R.T.: 8.602 min
Delta R.T.: -0.011 min
Response: 36895720392
Conc: 812.51 ng/ml



#10 Pentachlorophenol

R.T.: 9.419 min
Delta R.T.: -0.017 min
Response: 17165902854
Conc: 752.76 ng/ml



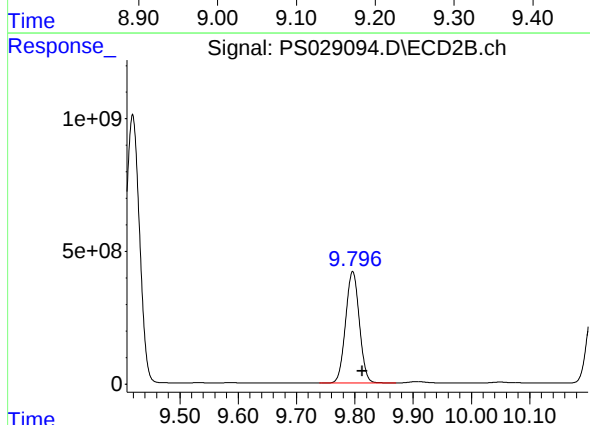
#11 2,4,5-TP (SILVEX)

R.T.: 9.176 min
Delta R.T.: -0.013 min
Response: 14314661083
Conc: 767.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

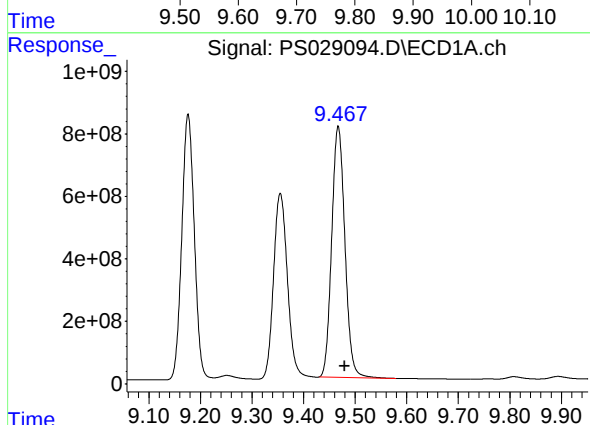
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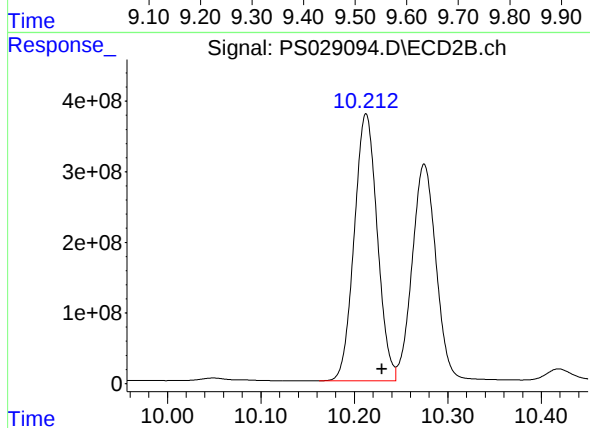
#11 2,4,5-TP (SILVEX)

R.T.: 9.796 min
Delta R.T.: -0.017 min
Response: 6912822070
Conc: 740.24 ng/ml



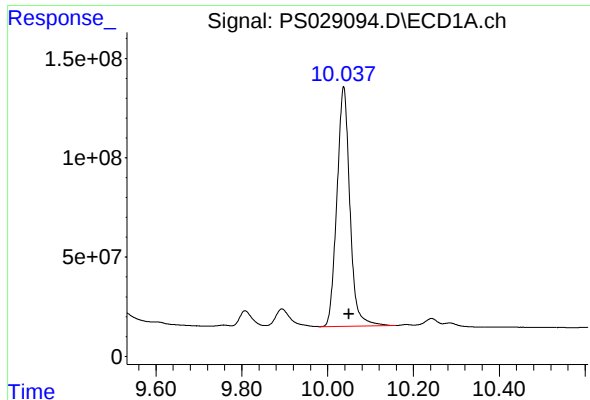
#12 2,4,5-T

R.T.: 9.467 min
Delta R.T.: -0.012 min
Response: 14249098728
Conc: 761.15 ng/ml



#12 2,4,5-T

R.T.: 10.213 min
Delta R.T.: -0.017 min
Response: 646555513
Conc: 723.97 ng/ml



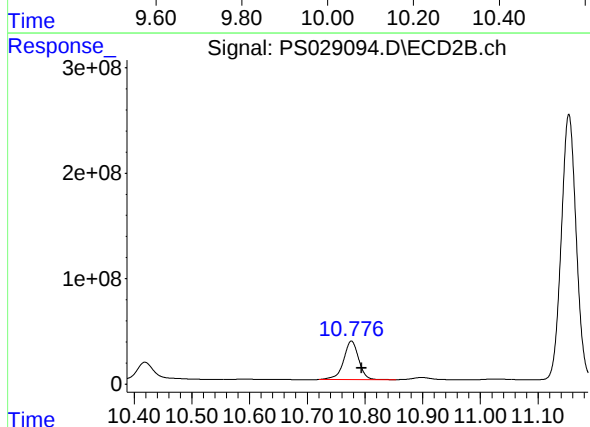
#13 2,4-DB

R.T.: 10.037 min
Delta R.T.: -0.012 min
Response: 2525950707
Conc: 723.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

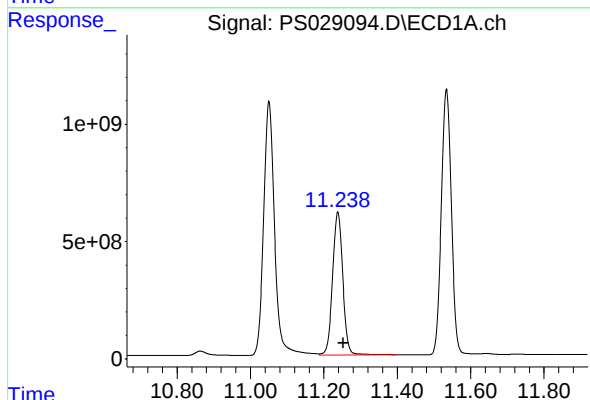
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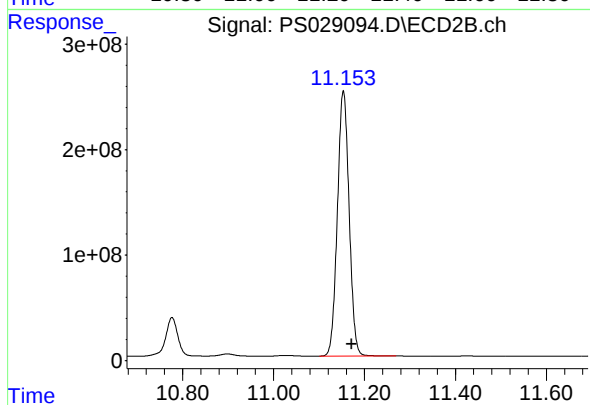
#13 2,4-DB

R.T.: 10.777 min
Delta R.T.: -0.017 min
Response: 663289896
Conc: 666.92 ng/ml



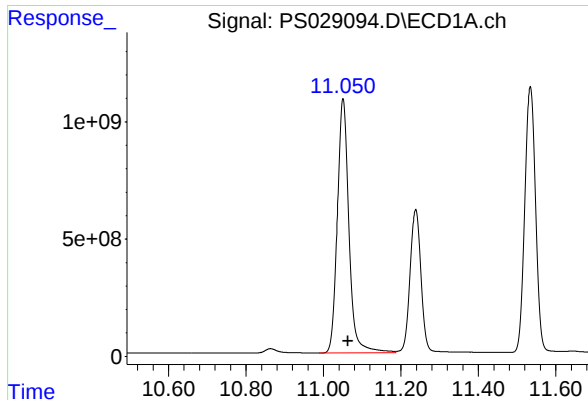
#14 DINOSEB

R.T.: 11.238 min
Delta R.T.: -0.015 min
Response: 11914971653
Conc: 739.27 ng/ml



#14 DINOSEB

R.T.: 11.154 min
Delta R.T.: -0.018 min
Response: 4494292232
Conc: 707.80 ng/ml



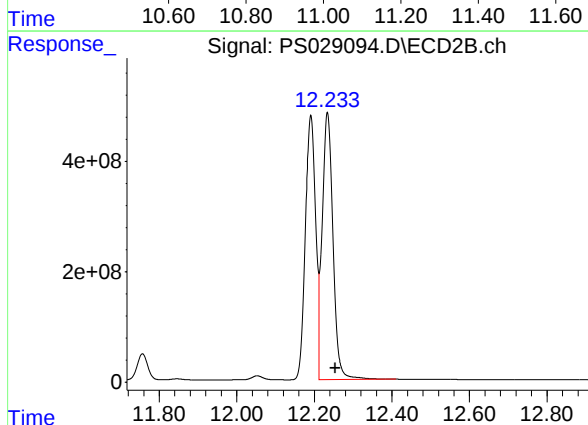
#15 Picloram

R.T.: 11.050 min
Delta R.T.: -0.013 min
Response: 22479726758
Conc: 725.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

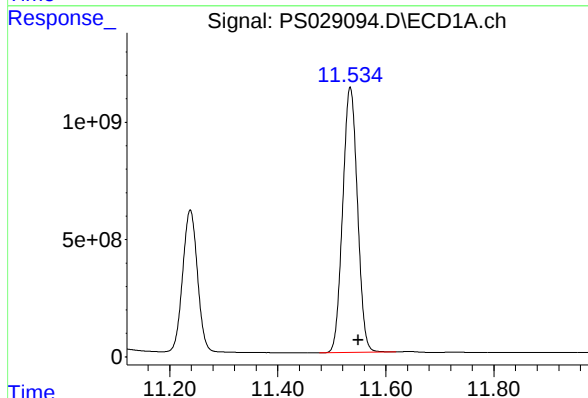
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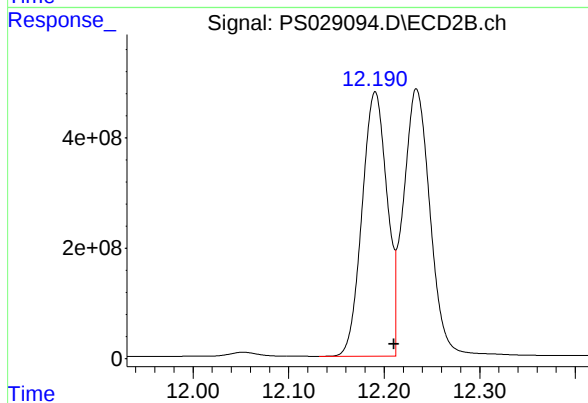
#15 Picloram

R.T.: 12.234 min
Delta R.T.: -0.021 min
Response: 9427781926
Conc: 700.45 ng/ml



#16 DCPA

R.T.: 11.534 min
Delta R.T.: -0.015 min
Response: 21456947412
Conc: 769.31 ng/ml



#16 DCPA

R.T.: 12.191 min
Delta R.T.: -0.020 min
Response: 8731088041
Conc: 774.80 ng/ml