

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040125\
 Data File : PS029639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 14:21
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 14:40:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS033125.M
 Quant Title : 8080.M
 QLast Update : Tue Apr 01 09:56:15 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	6.998	7.521	2084.7E6	875.2E6	774.207	625.389
Target Compounds							
1) T	Dalapon	2.493	2.552	3370.7E6	1863.2E6	576.900	542.720
2) T	3,5-DICHL...	6.197	6.511	2900.7E6	1172.9E6	646.287	577.970
3) T	4-Nitroph...	6.789	7.055	746.6E6	767.4E6	669.909	525.810
5) T	DICAMBA	7.176	7.709	9726.8E6	4743.8E6	672.851	592.690
6) T	MCPD	7.499	7.817	695.9E6	226.4E6	83.938	57.639 #
7) T	MCPA	7.499	8.050	695.9E6	286.8E6	83.045	57.667 #
8) T	DICHLORPROP	7.861	8.407	2215.7E6	1121.5E6	767.759	584.019
9) T	2,4-D	8.082	8.724	1944.6E6	1239.6E6	792.287	588.690 #
10) T	Pentachlo...	8.362	9.230	34012.9E6	21888.8E6	686.573m	616.811
11) T	2,4,5-TP ...	8.931	9.609	12846.8E6	8850.5E6	781.487	606.446
12) T	2,4,5-T	9.214	10.016	9986.3E6	8217.3E6	771.697m	611.029
13) T	2,4-DB	9.776	10.576	1420.8E6	898.2E6	783.809	613.131
14) T	DINOSEB	10.946	10.949	8521.6E6	5688.4E6	717.642	555.220m
15) T	Picloram	10.764	11.996	9984.5E6	12804.9E6	761.672	536.459m#
16) T	DCPA	11.246	11.979	14398.9E6	12520.2E6	718.879	526.933m#

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

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Acq On : 01 Apr 2025 14:21
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

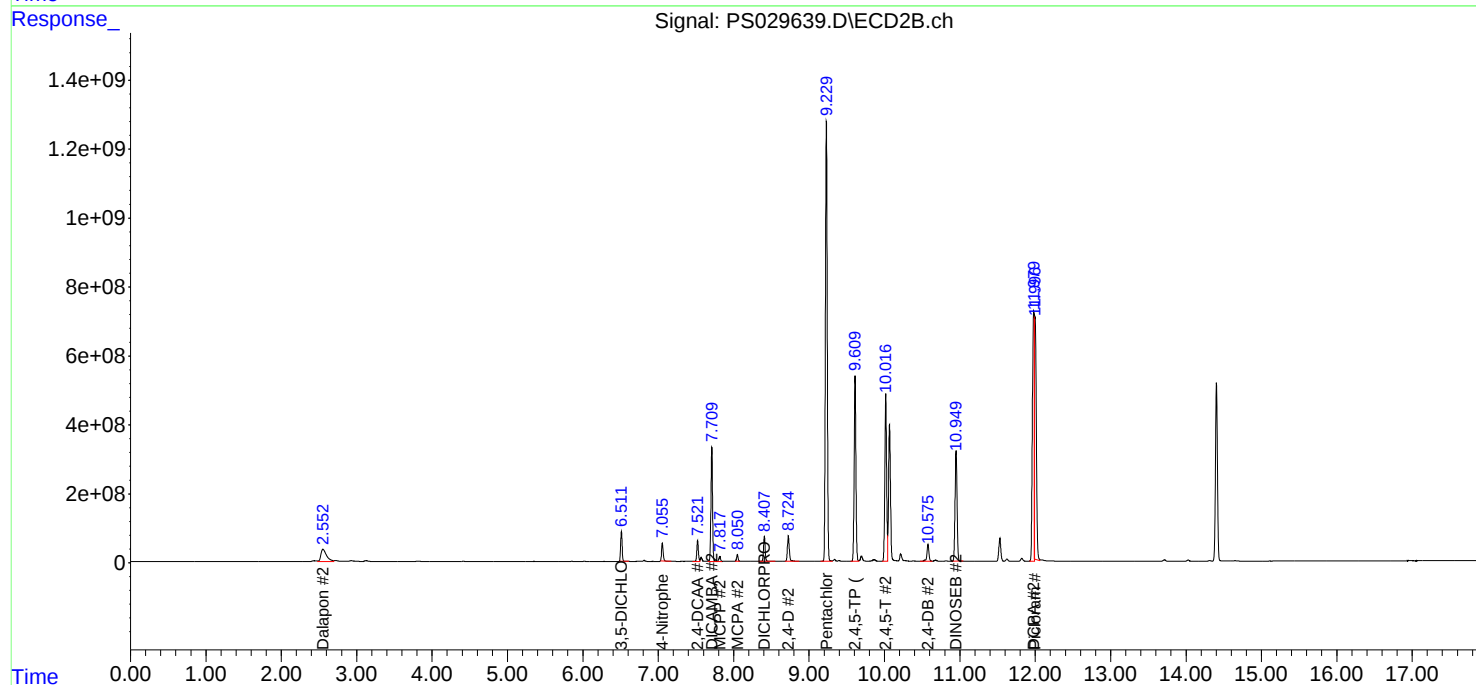
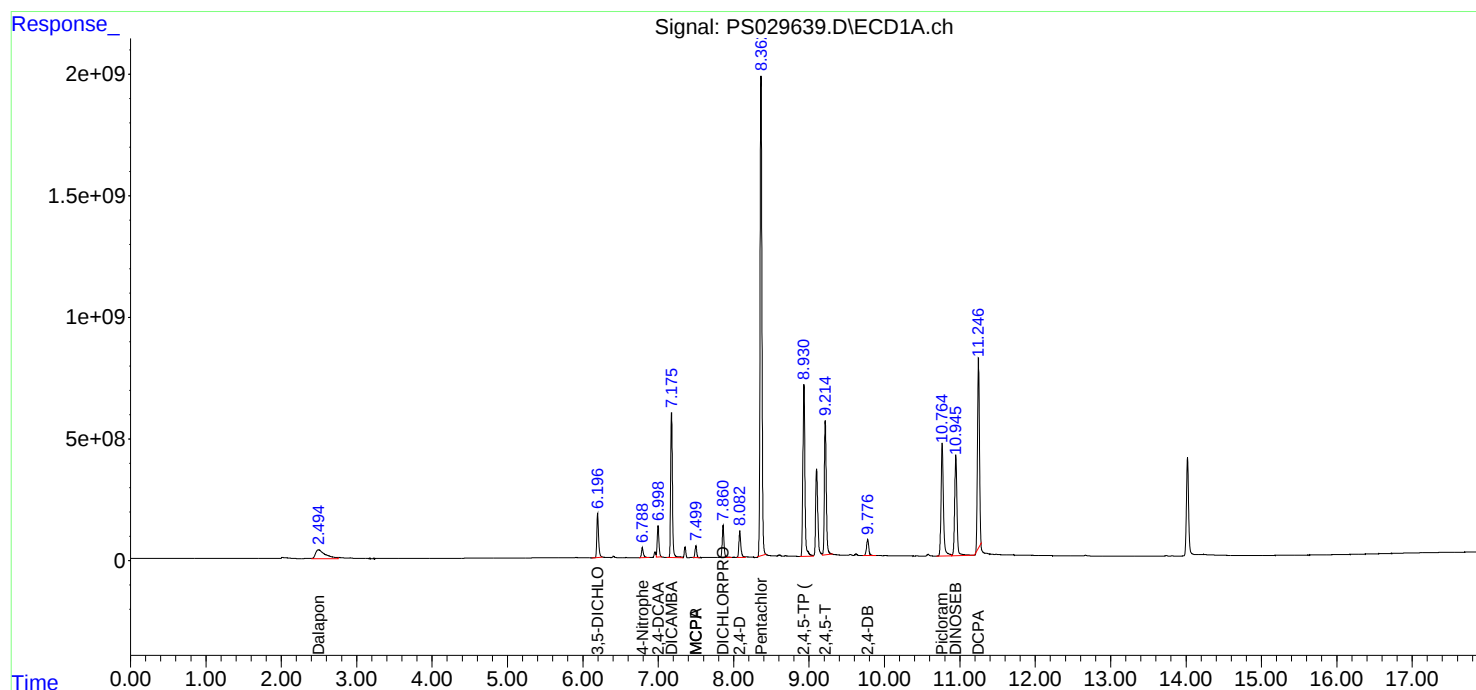
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

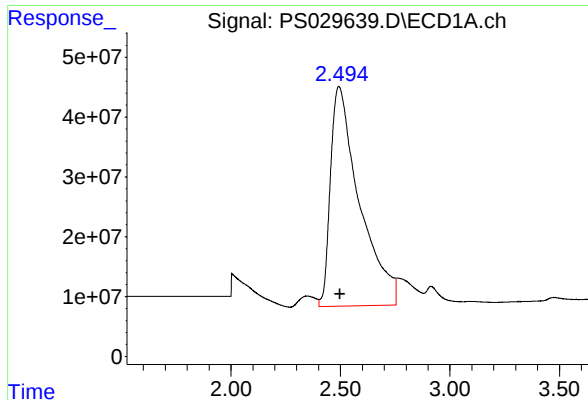
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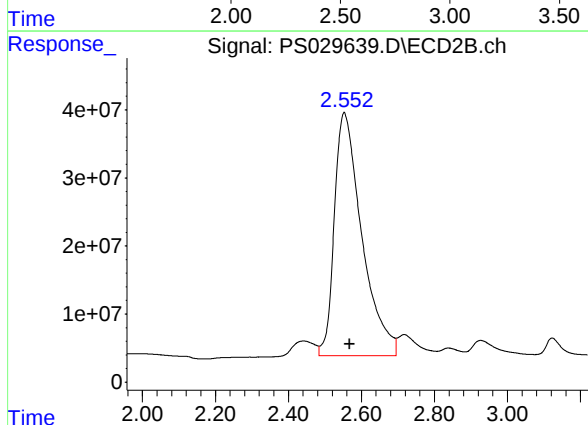
#1 Dalapon

R.T.: 2.493 min
Delta R.T.: -0.004 min
Response: 3370664966
Conc: 576.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

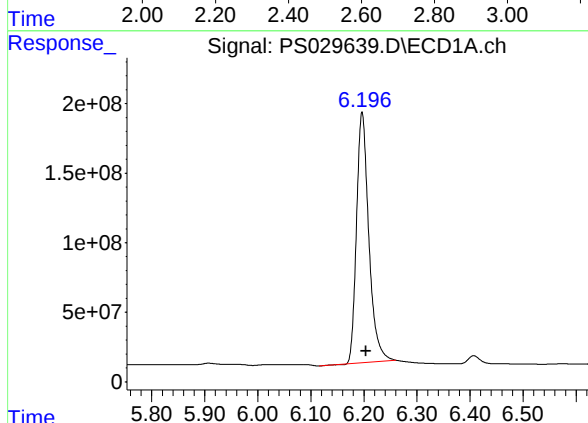
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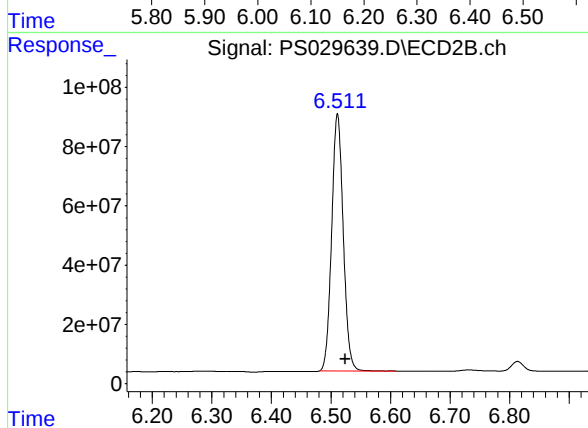
#1 Dalapon

R.T.: 2.552 min
Delta R.T.: -0.015 min
Response: 1863237698
Conc: 542.72 ng/ml



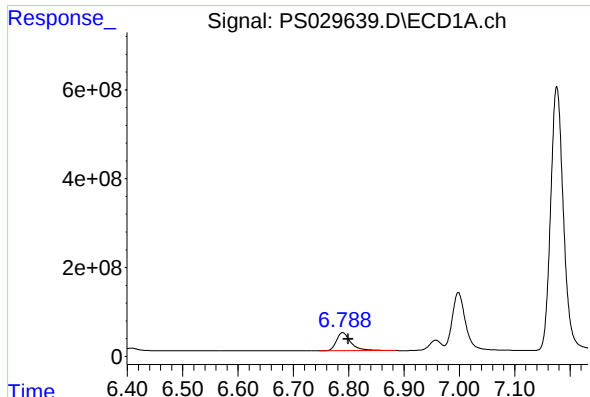
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 2900716549
Conc: 646.29 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.511 min
Delta R.T.: -0.013 min
Response: 1172910538
Conc: 577.97 ng/ml



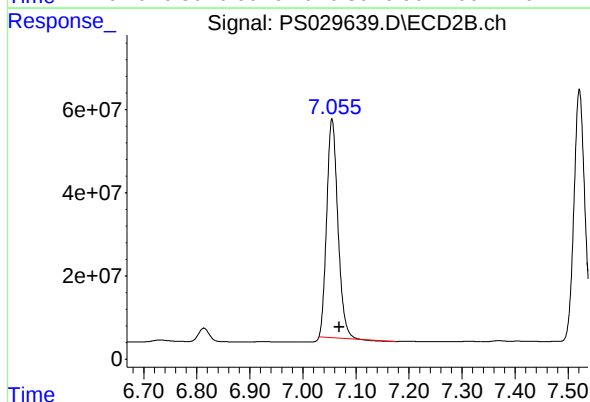
#3 4-Nitrophenol

R.T.: 6.789 min
Delta R.T.: -0.010 min
Response: 746592942
Conc: 669.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

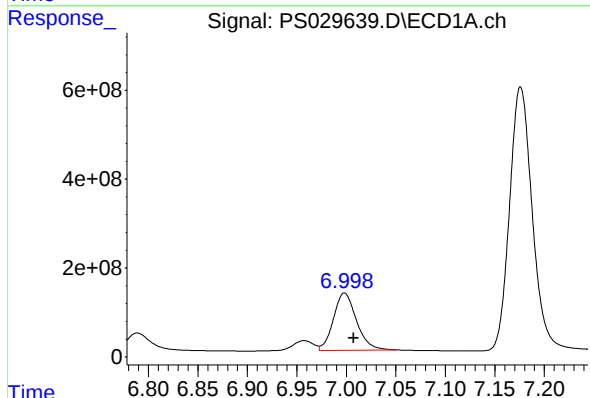
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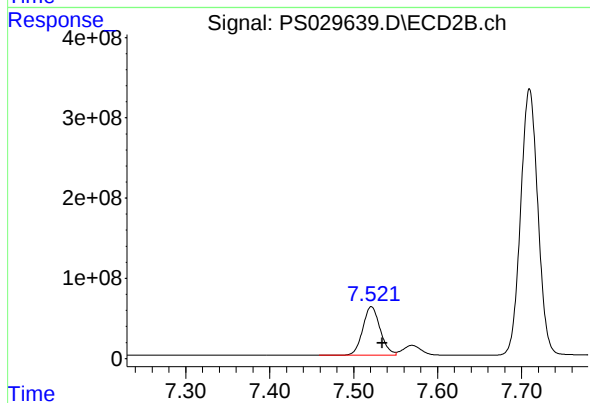
#3 4-Nitrophenol

R.T.: 7.055 min
Delta R.T.: -0.014 min
Response: 767384453
Conc: 525.81 ng/ml



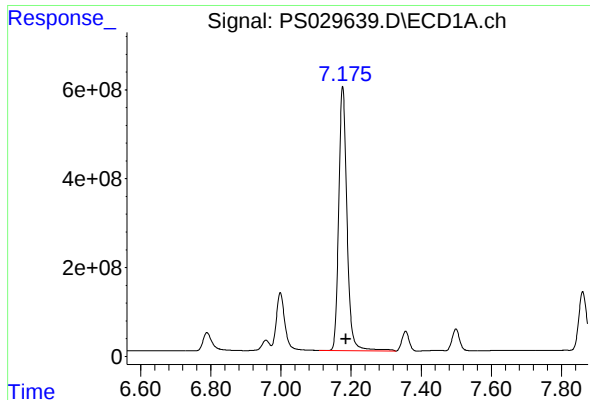
#4 2,4-DCAA

R.T.: 6.998 min
Delta R.T.: -0.009 min
Response: 2084654046
Conc: 774.21 ng/ml



#4 2,4-DCAA

R.T.: 7.521 min
Delta R.T.: -0.013 min
Response: 875173635
Conc: 625.39 ng/ml



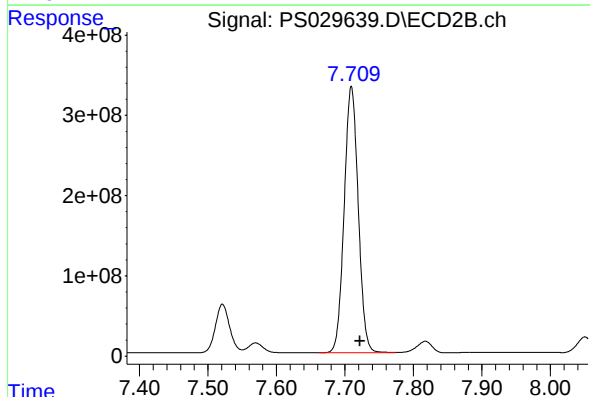
#5 DICAMBA

R.T.: 7.176 min
Delta R.T.: -0.009 min
Response: 9726798717
Conc: 672.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

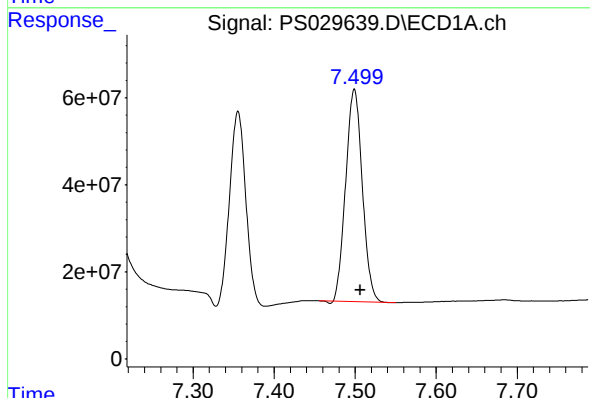
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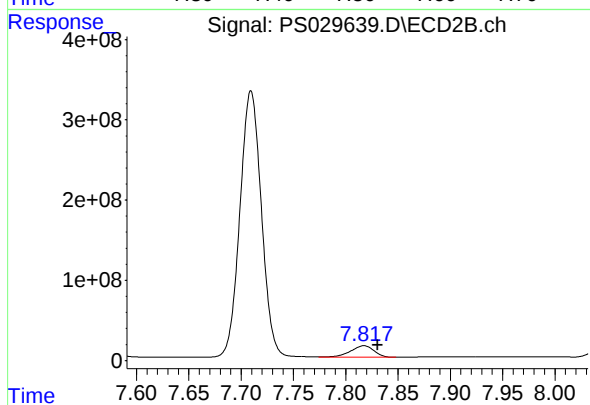
#5 DICAMBA

R.T.: 7.709 min
Delta R.T.: -0.013 min
Response: 4743772618
Conc: 592.69 ng/ml



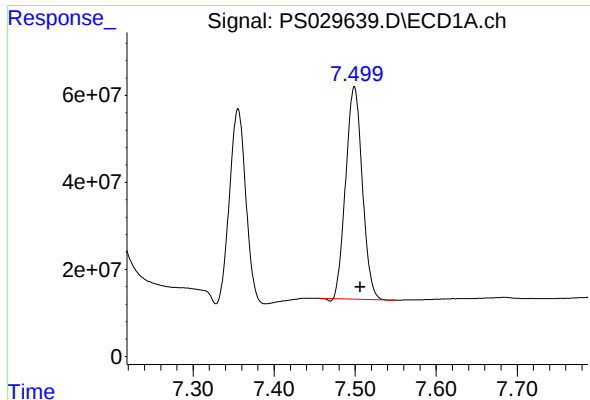
#6 MCPP

R.T.: 7.499 min
Delta R.T.: -0.008 min
Response: 695936009
Conc: 83.94 ug/ml



#6 MCPP

R.T.: 7.817 min
Delta R.T.: -0.013 min
Response: 226420687
Conc: 57.64 ug/ml



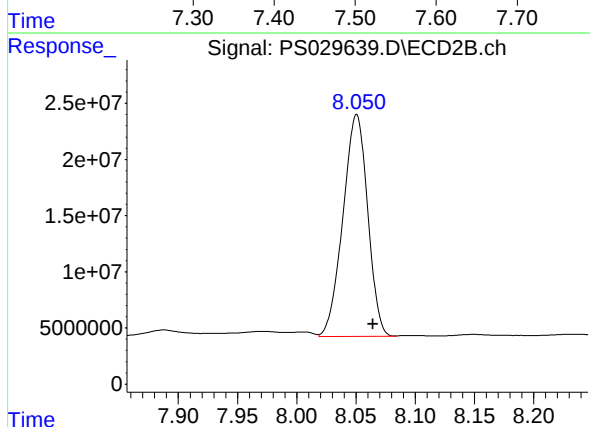
#7 MCPA

R.T.: 7.499 min
Delta R.T.: -0.008 min
Response: 695936009
Conc: 83.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

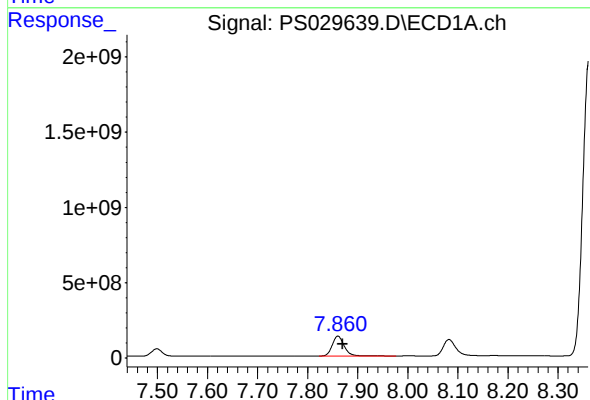
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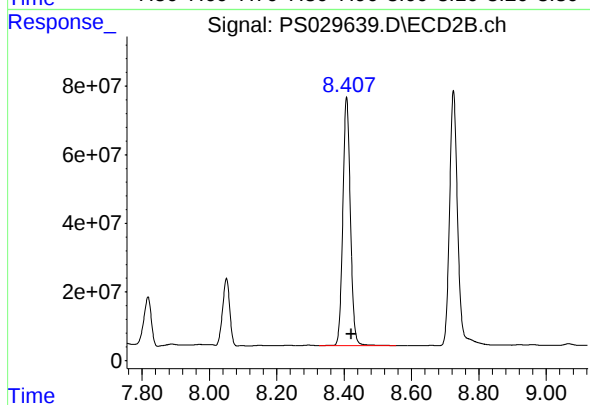
#7 MCPA

R.T.: 8.050 min
Delta R.T.: -0.014 min
Response: 286786589
Conc: 57.67 ug/ml



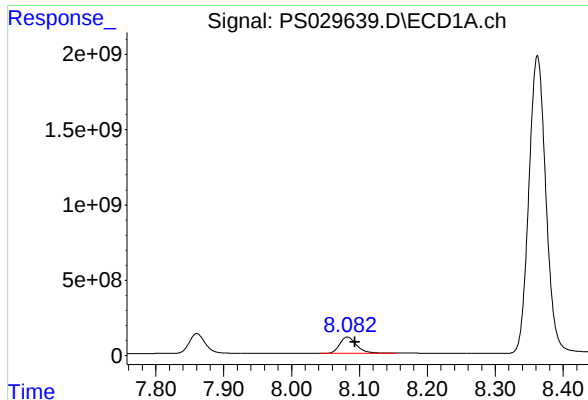
#8 DICHLORPROP

R.T.: 7.861 min
Delta R.T.: -0.010 min
Response: 2215661018
Conc: 767.76 ng/ml



#8 DICHLORPROP

R.T.: 8.407 min
Delta R.T.: -0.014 min
Response: 1121499925
Conc: 584.02 ng/ml



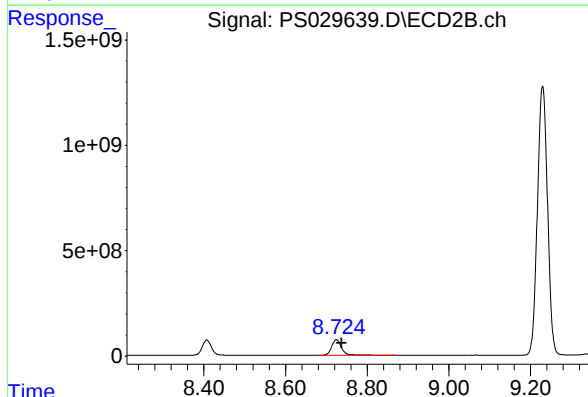
#9 2,4-D

R.T.: 8.082 min
Delta R.T.: -0.011 min
Response: 1944570675
Conc: 792.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

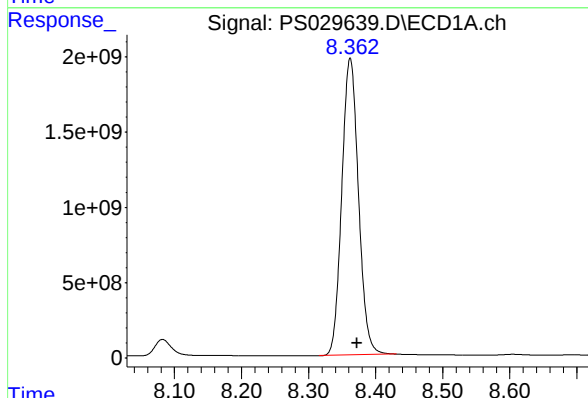
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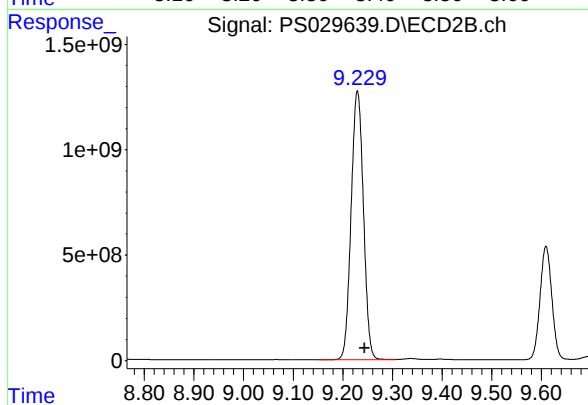
#9 2,4-D

R.T.: 8.724 min
Delta R.T.: -0.014 min
Response: 1239586312
Conc: 588.69 ng/ml



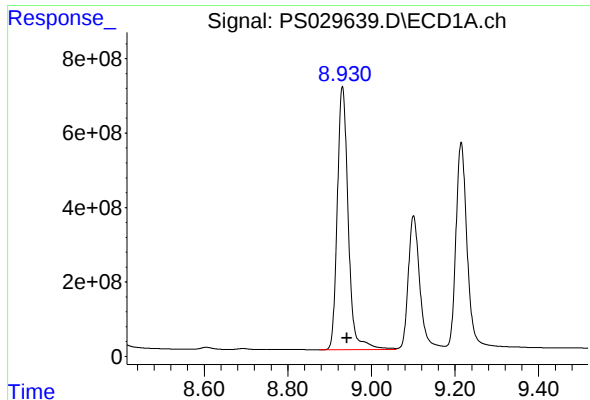
#10 Pentachlorophenol

R.T.: 8.362 min
Delta R.T.: -0.010 min
Response: 34012919162
Conc: 686.57 ng/ml m



#10 Pentachlorophenol

R.T.: 9.230 min
Delta R.T.: -0.014 min
Response: 21888849228
Conc: 616.81 ng/ml



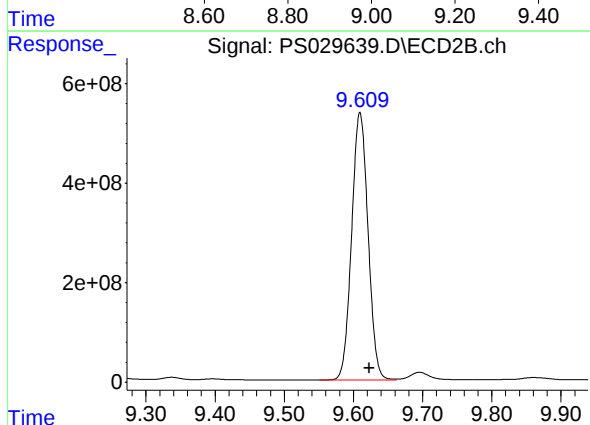
#11 2,4,5-TP (SILVEX)

R.T.: 8.931 min
Delta R.T.: -0.011 min
Response: 12846777467
Conc: 781.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

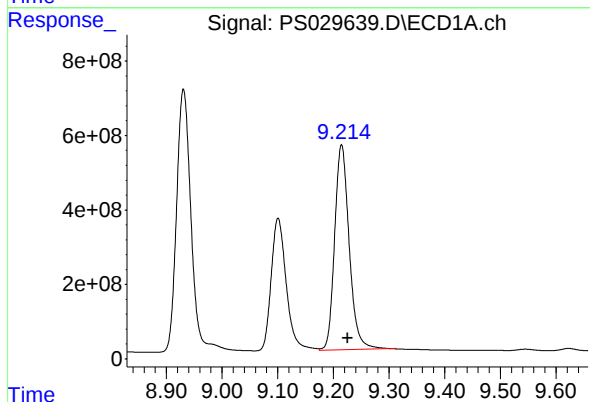
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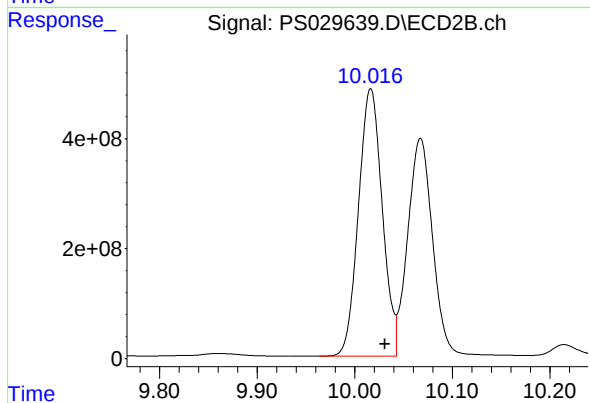
#11 2,4,5-TP (SILVEX)

R.T.: 9.609 min
Delta R.T.: -0.013 min
Response: 8850459085
Conc: 606.45 ng/ml



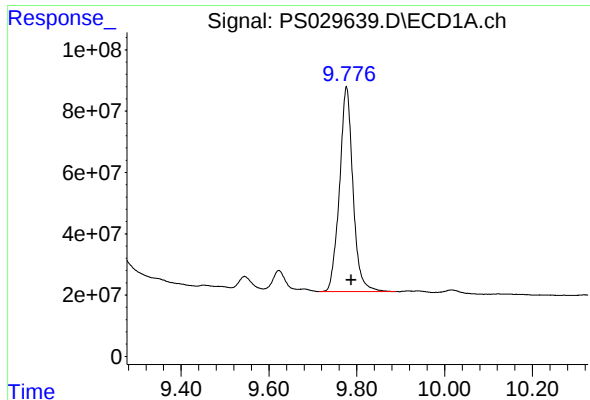
#12 2,4,5-T

R.T.: 9.214 min
Delta R.T.: -0.011 min
Response: 9986257748
Conc: 771.70 ng/ml m



#12 2,4,5-T

R.T.: 10.016 min
Delta R.T.: -0.015 min
Response: 8217330362
Conc: 611.03 ng/ml



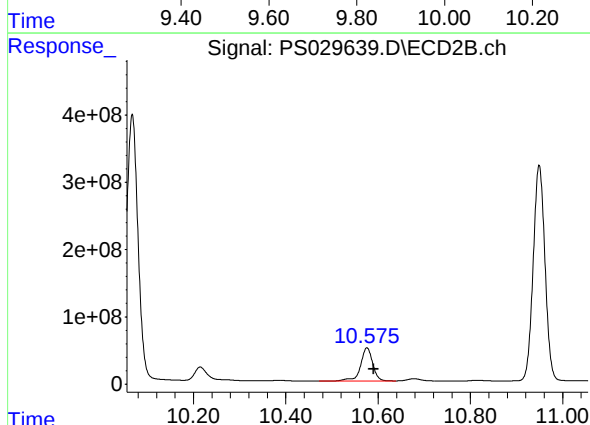
#13 2,4-DB

R.T.: 9.776 min
Delta R.T.: -0.011 min
Response: 1420762555
Conc: 783.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

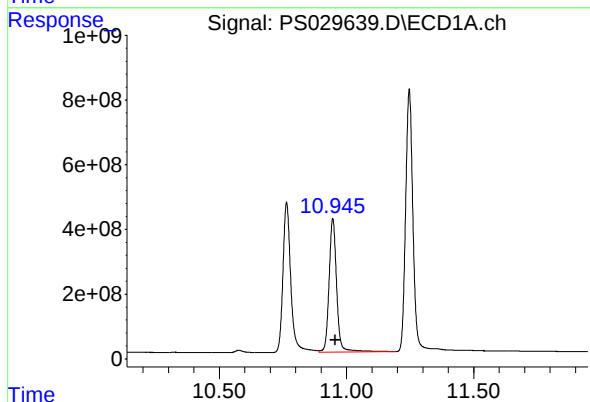
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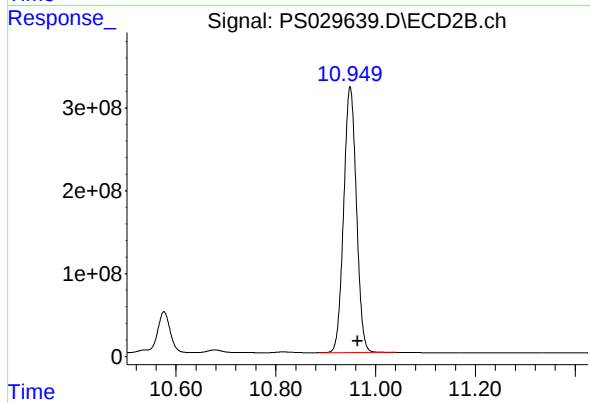
#13 2,4-DB

R.T.: 10.576 min
Delta R.T.: -0.015 min
Response: 898178515
Conc: 613.13 ng/ml



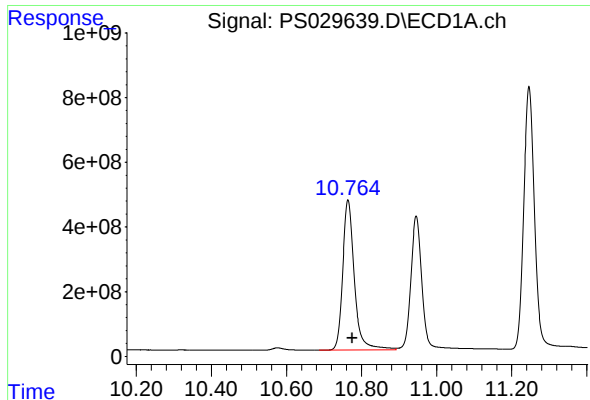
#14 DINOSEB

R.T.: 10.946 min
Delta R.T.: -0.010 min
Response: 8521628259
Conc: 717.64 ng/ml



#14 DINOSEB

R.T.: 10.949 min
Delta R.T.: -0.015 min
Response: 5688371452
Conc: 555.22 ng/ml m



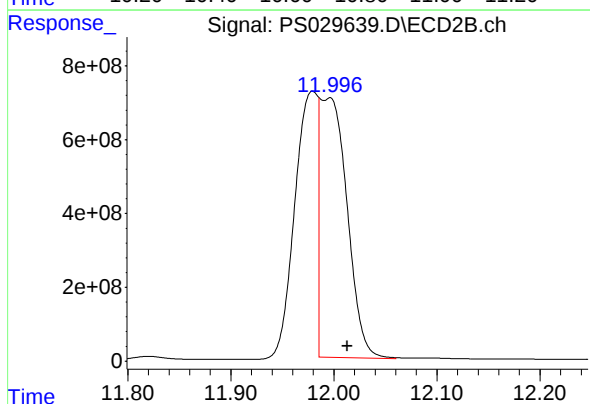
#15 Picloram

R.T.: 10.764 min
Delta R.T.: -0.012 min
Response: 9984509042
Conc: 761.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

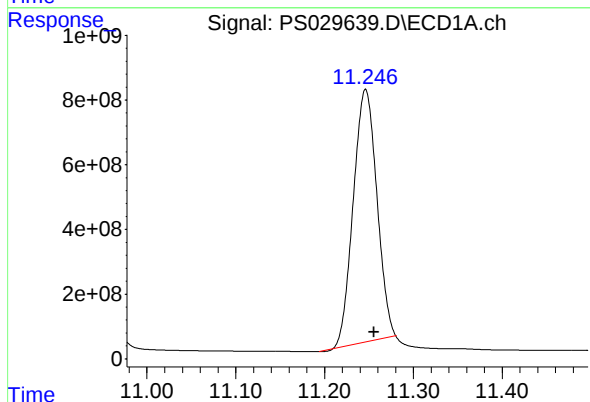
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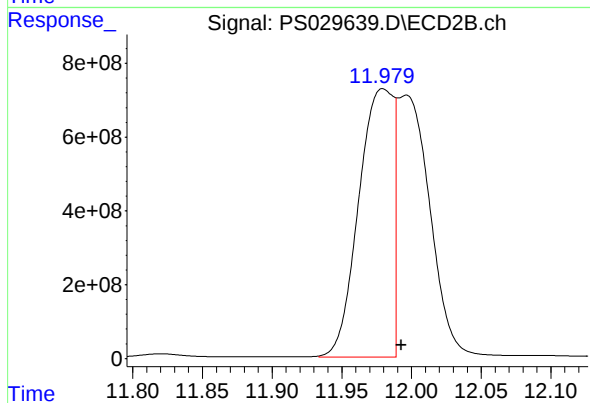
#15 Picloram

R.T.: 11.996 min
Delta R.T.: -0.017 min
Response: 12804855666
Conc: 536.46 ng/ml m



#16 DCPA

R.T.: 11.246 min
Delta R.T.: -0.010 min
Response: 14398885900
Conc: 718.88 ng/ml



#16 DCPA

R.T.: 11.979 min
Delta R.T.: -0.014 min
Response: 12520243561
Conc: 526.93 ng/ml m