

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040925\
 Data File : PS029754.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 12:38
 Operator : AR\AJ
 Sample : PB167511BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167511BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 05:20:18 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	6.947	7.461	1032.7E6	337.2E6	506.523	494.766
Target Compounds							
1) T	Dalapon	2.455	2.523	1691.1E6	667.1E6	498.504	420.188
2) T	3,5-DICHL...	6.151	6.457	1487.6E6	429.6E6	494.604	444.903
3) T	4-Nitroph...	6.738	6.996	698.1E6	311.5E6	496.953	439.368
5) T	DICAMBA	7.124	7.647	4031.4E6	1682.7E6	484.431	455.598
6) T	MCPD	7.301	7.753	243.1E6	71745408	44.846	42.491
7) T	MCPA	7.444	7.983	332.4E6	97391449	45.735m	42.804
8) T	DICHLORPROP	7.806	8.341	1098.3E6	459.7E6	499.343	475.810
9) T	2,4-D	8.026	8.655	1362.2E6	513.5E6	565.315	476.162
10) T	Pentachlo...	8.304	9.155	15250.9E6	8808.2E6	501.593	491.317
11) T	2,4,5-TP ...	8.870	9.533	5841.2E6	3526.3E6	502.887	488.884
12) T	2,4,5-T	9.152	9.937	5777.1E6	3283.6E6	502.166	489.877
13) T	2,4-DB	9.712	10.494	891.2E6	347.2E6	490.566	467.962
14) T	DINOSEB	10.875	10.866	4115.1E6	2446.7E6	487.449	478.537
15) T	Picloram	10.693	11.905	7828.4E6	4545.7E6	505.047	384.434m
16) T	DCPA	11.176	11.893	7149.8E6	3722.2E6	511.941	420.560m

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

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Acq On : 09 Apr 2025 12:38
Operator : AR\AJ
Sample : PB167511BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

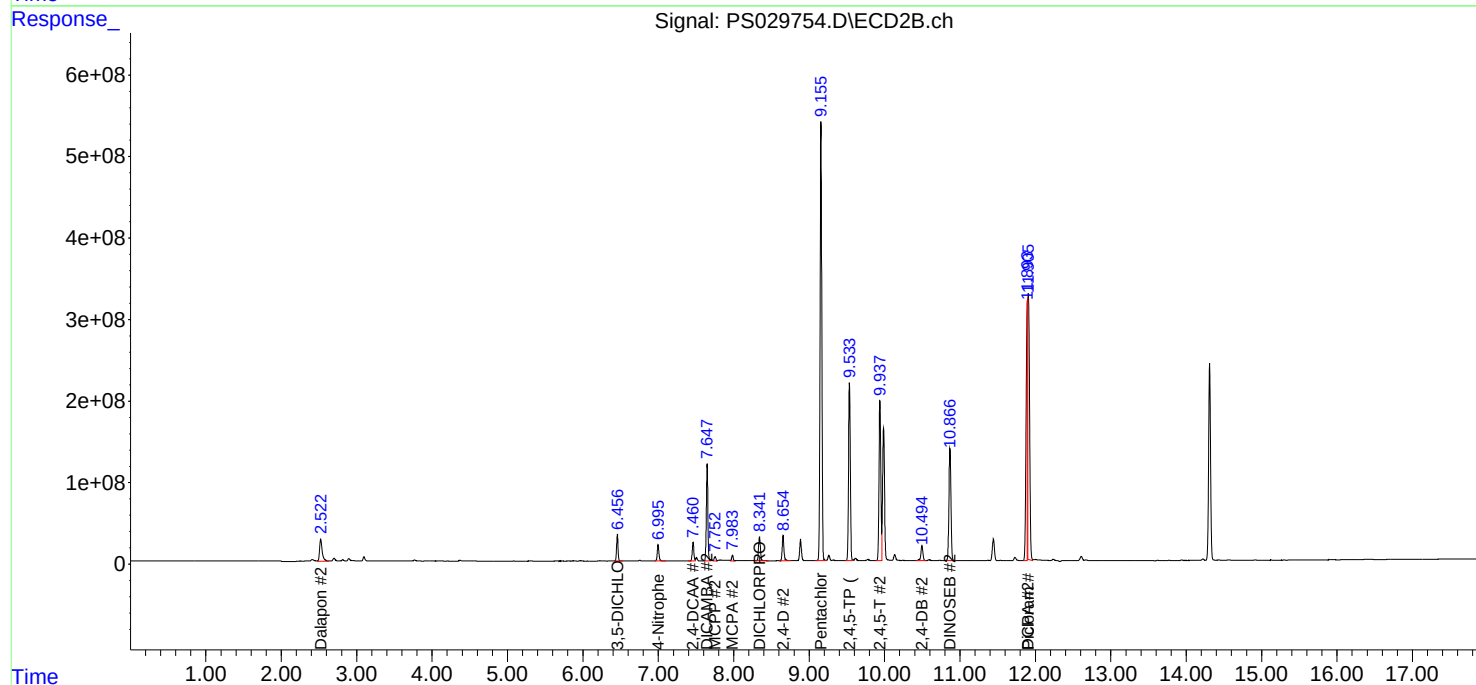
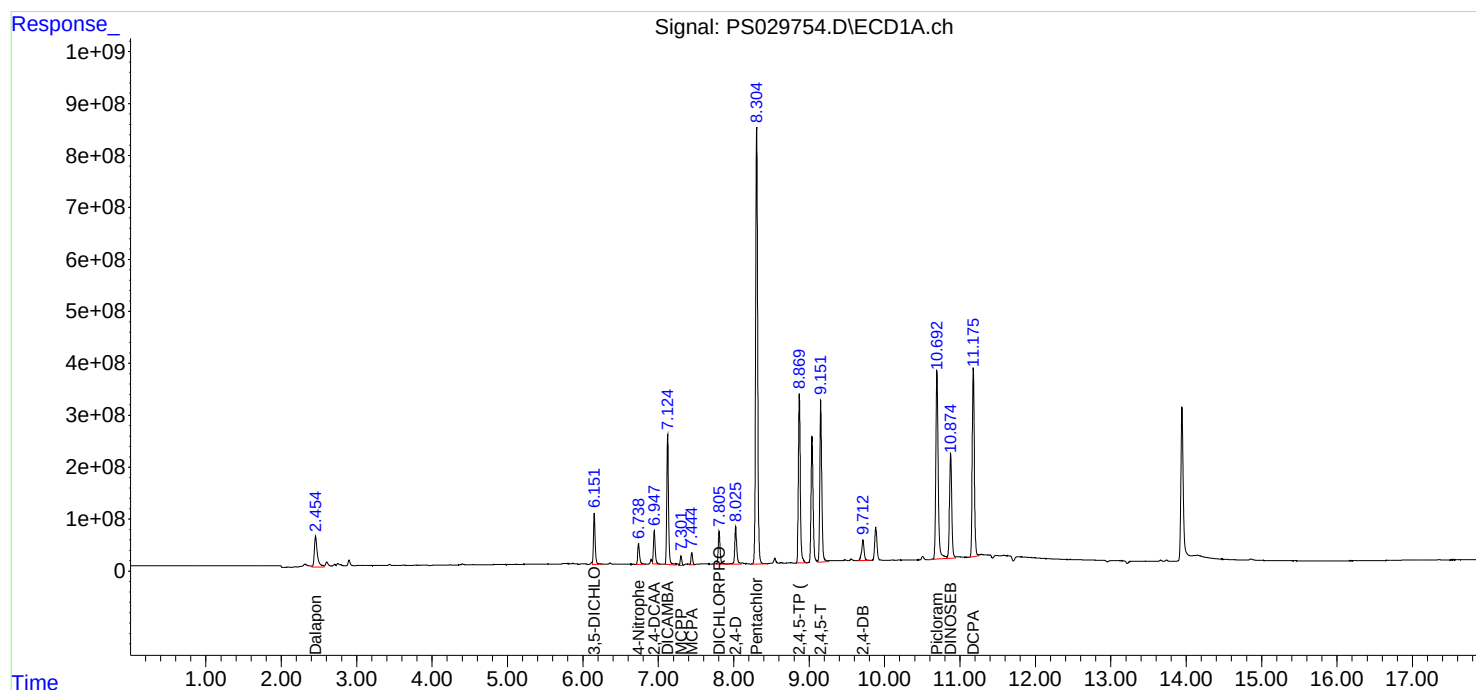
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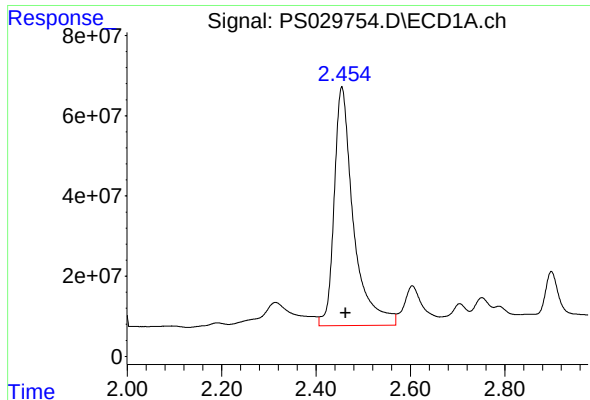
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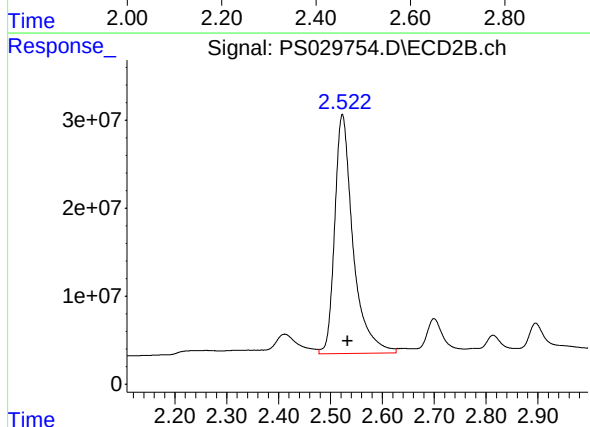
#1 Dalapon

R.T.: 2.455 min
Delta R.T.: -0.008 min
Response: 1691123293
Conc: 498.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

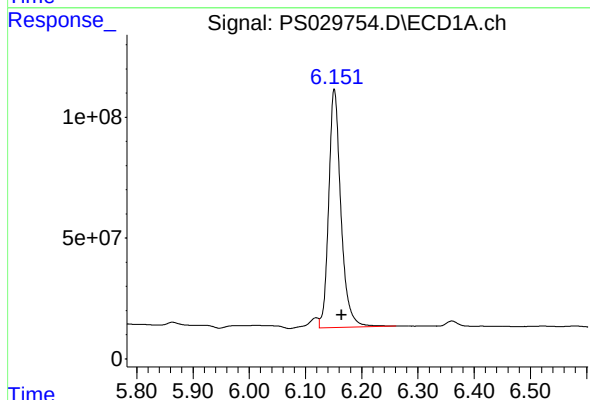
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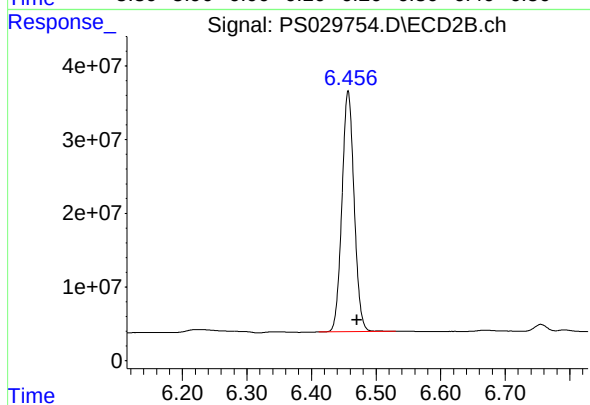
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: -0.010 min
Response: 667088066
Conc: 420.19 ng/ml



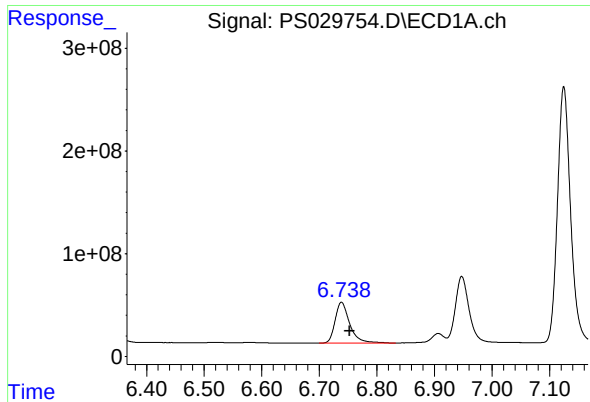
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 1487648690
Conc: 494.60 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: -0.013 min
Response: 429579010
Conc: 444.90 ng/ml



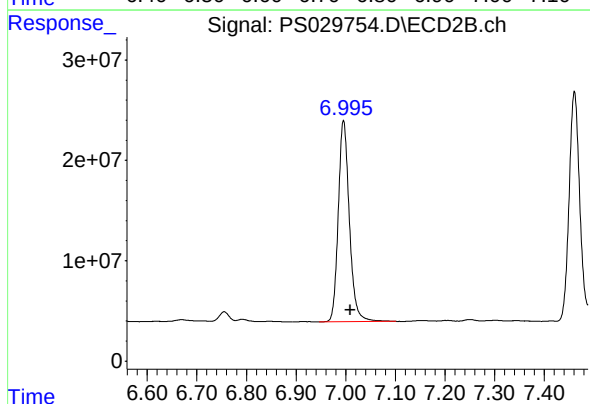
#3 4-Nitrophenol

R.T.: 6.738 min
Delta R.T.: -0.015 min
Response: 698119312
Conc: 496.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

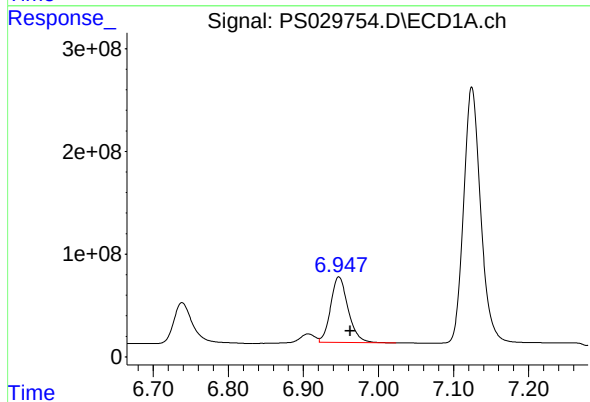
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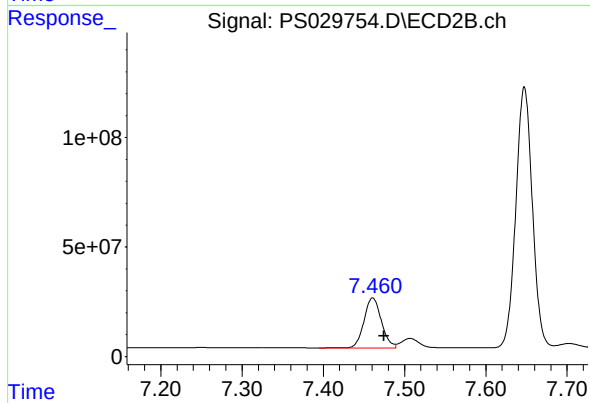
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: -0.014 min
Response: 311511106
Conc: 439.37 ng/ml



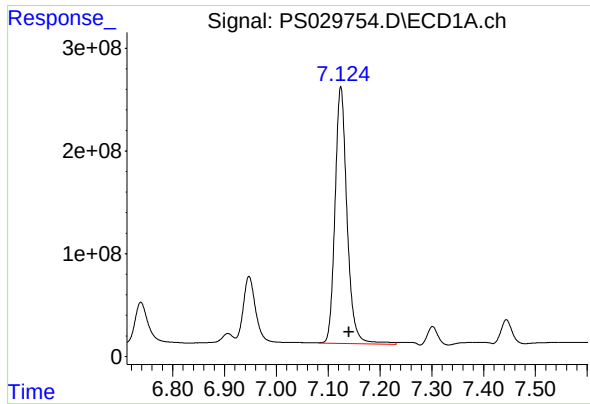
#4 2,4-DCAA

R.T.: 6.947 min
Delta R.T.: -0.015 min
Response: 1032714909
Conc: 506.52 ng/ml



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.014 min
Response: 337189584
Conc: 494.77 ng/ml



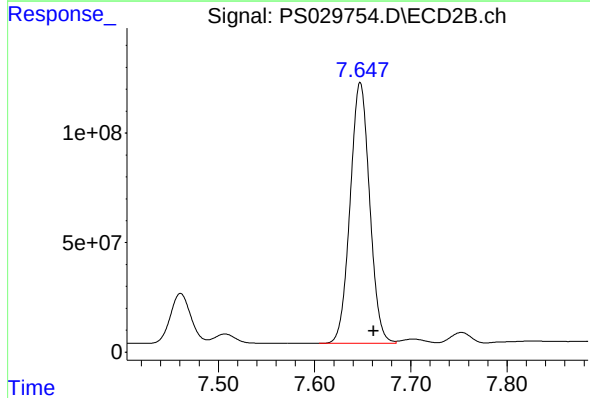
#5 DICAMBA

R.T.: 7.124 min
Delta R.T.: -0.015 min
Response: 4031407941
Conc: 484.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

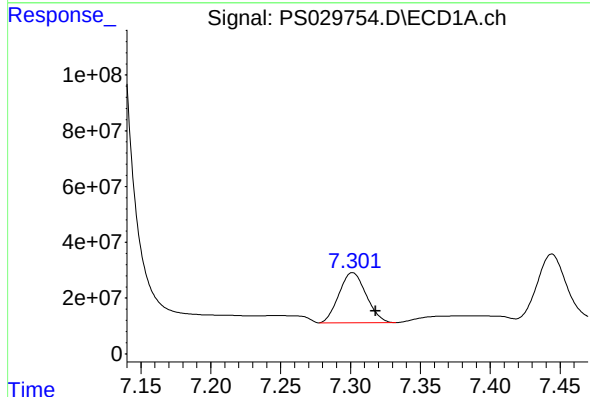
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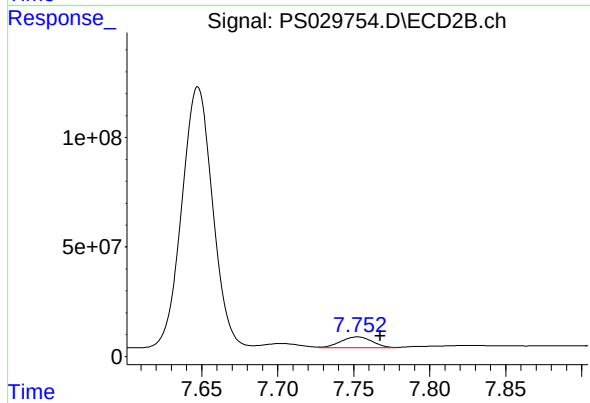
#5 DICAMBA

R.T.: 7.647 min
Delta R.T.: -0.014 min
Response: 1682691732
Conc: 455.60 ng/ml



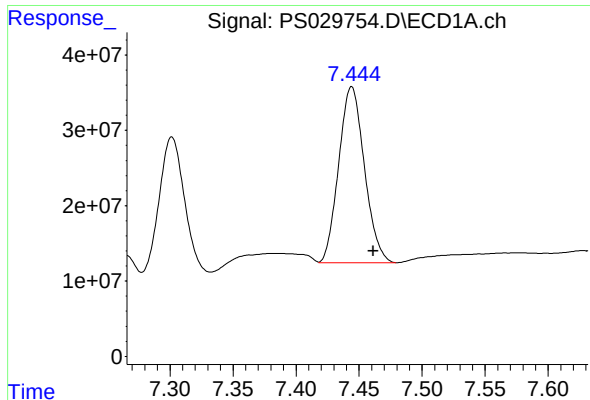
#6 MCPP

R.T.: 7.301 min
Delta R.T.: -0.017 min
Response: 243061861
Conc: 44.85 ug/ml



#6 MCPP

R.T.: 7.753 min
Delta R.T.: -0.015 min
Response: 71745408
Conc: 42.49 ug/ml



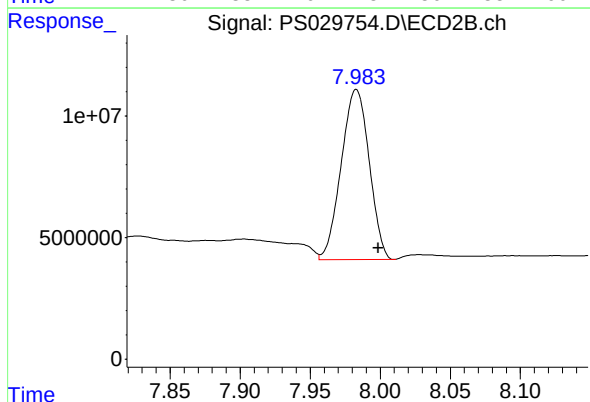
#7 MCPA

R.T.: 7.444 min
Delta R.T.: -0.017 min
Response: 332449092
Conc: 45.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

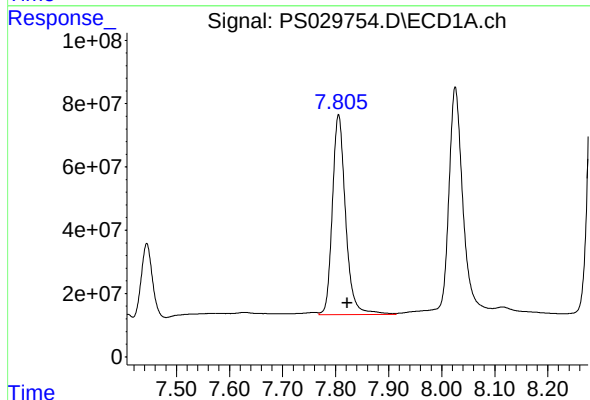
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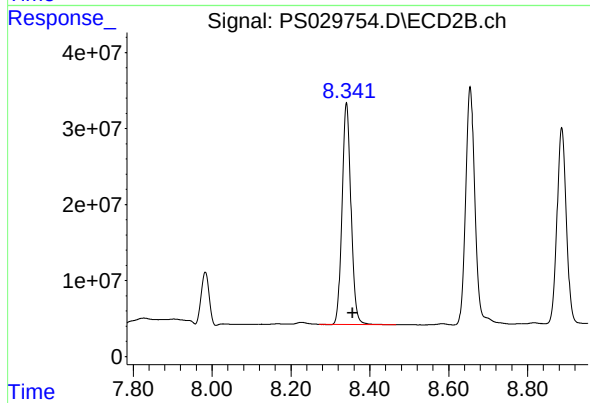
#7 MCPA

R.T.: 7.983 min
Delta R.T.: -0.016 min
Response: 97391449
Conc: 42.80 ug/ml



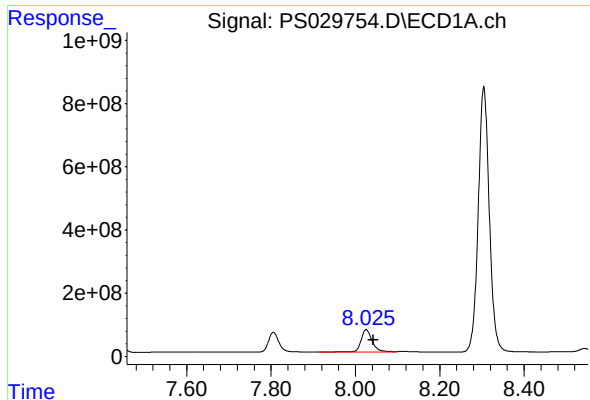
#8 DICHLORPROP

R.T.: 7.806 min
Delta R.T.: -0.016 min
Response: 1098274287
Conc: 499.34 ng/ml



#8 DICHLORPROP

R.T.: 8.341 min
Delta R.T.: -0.016 min
Response: 459705216
Conc: 475.81 ng/ml



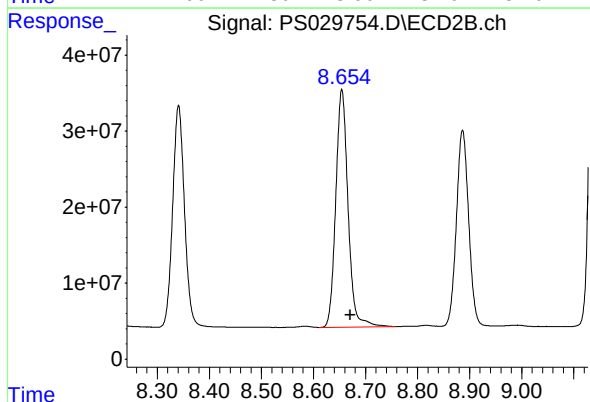
#9 2,4-D

R.T.: 8.026 min
Delta R.T.: -0.017 min
Response: 1362176439
Conc: 565.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

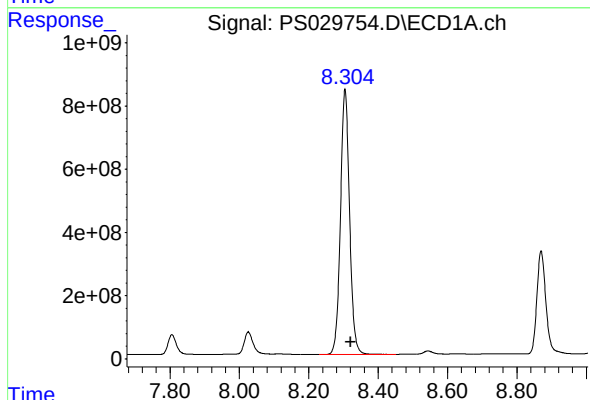
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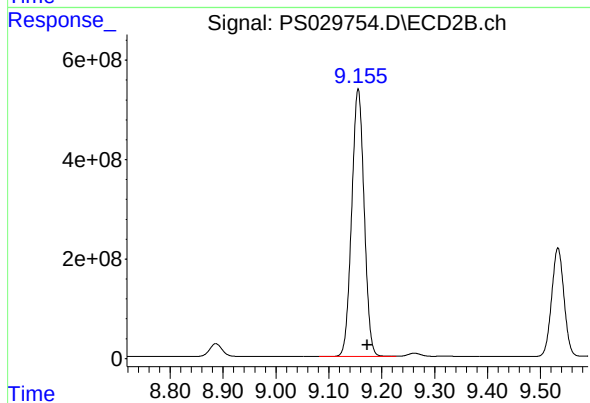
#9 2,4-D

R.T.: 8.655 min
Delta R.T.: -0.016 min
Response: 513523804
Conc: 476.16 ng/ml



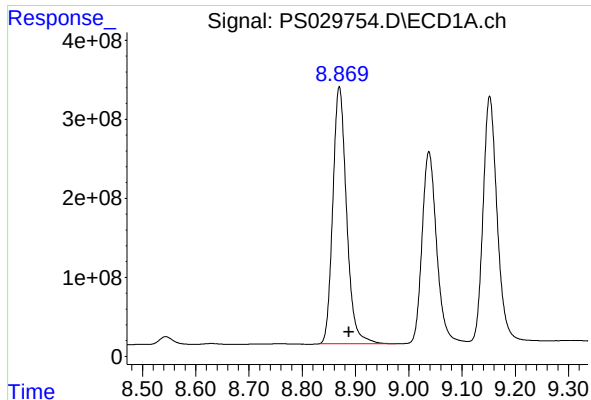
#10 Pentachlorophenol

R.T.: 8.304 min
Delta R.T.: -0.016 min
Response: 15250944272
Conc: 501.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.155 min
Delta R.T.: -0.018 min
Response: 8808185843
Conc: 491.32 ng/ml



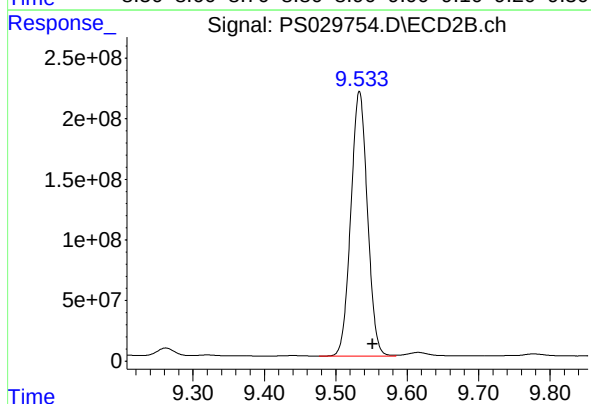
#11 2,4,5-TP (SILVEX)

R.T.: 8.870 min
Delta R.T.: -0.018 min
Response: 5841206053
Conc: 502.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB167511BS

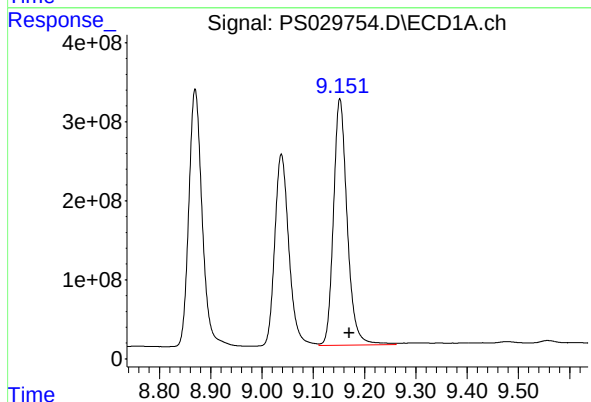
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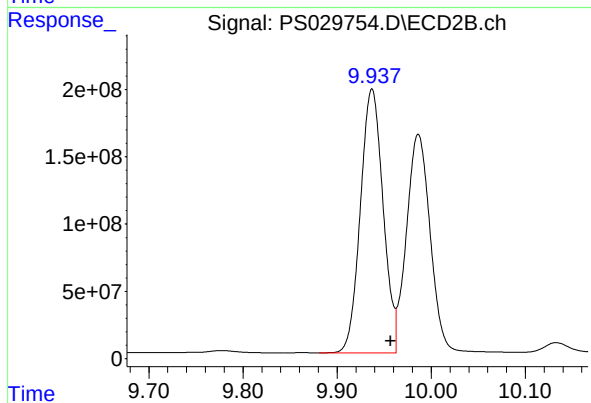
#11 2,4,5-TP (SILVEX)

R.T.: 9.533 min
Delta R.T.: -0.018 min
Response: 3526300956
Conc: 488.88 ng/ml



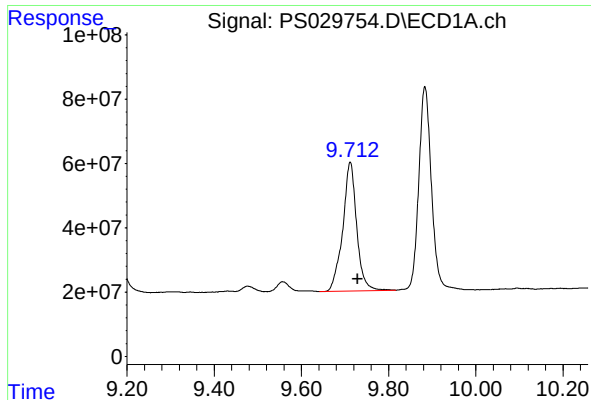
#12 2,4,5-T

R.T.: 9.152 min
Delta R.T.: -0.018 min
Response: 5777129821
Conc: 502.17 ng/ml



#12 2,4,5-T

R.T.: 9.937 min
Delta R.T.: -0.020 min
Response: 3283567624
Conc: 489.88 ng/ml



#13 2,4-DB

R.T.: 9.712 min
Delta R.T.: -0.017 min
Response: 891233644
Conc: 490.57 ng/ml

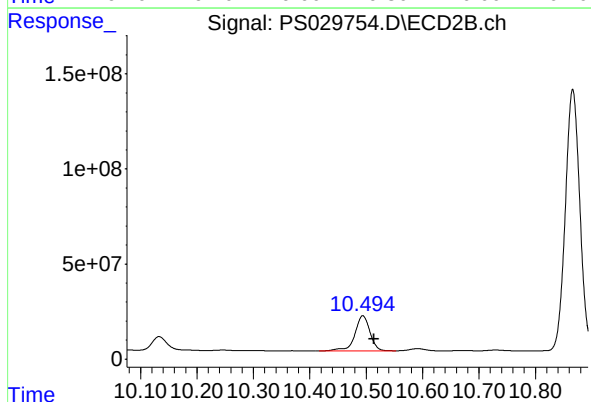
Instrument :

ECD_S

ClientSampleId :
PB167511BS

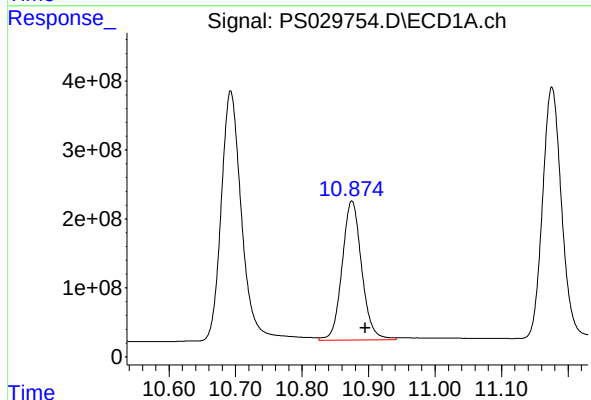
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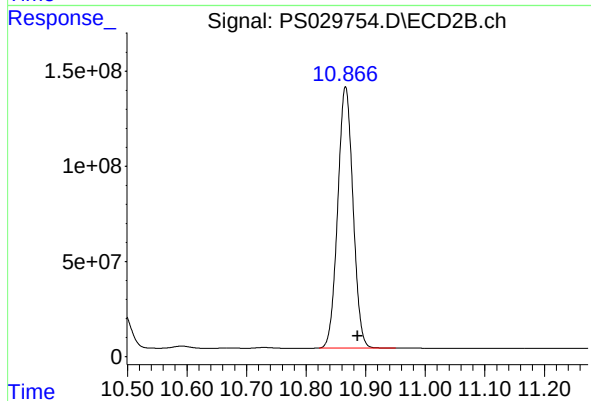
#13 2,4-DB

R.T.: 10.494 min
Delta R.T.: -0.020 min
Response: 347216279
Conc: 467.96 ng/ml



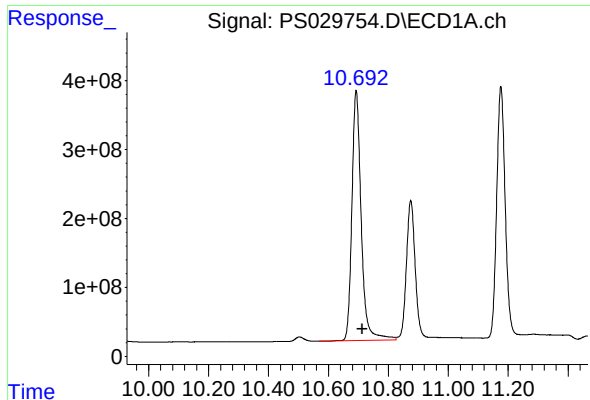
#14 DINOSEB

R.T.: 10.875 min
Delta R.T.: -0.020 min
Response: 4115062917
Conc: 487.45 ng/ml



#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: -0.020 min
Response: 2446666959
Conc: 478.54 ng/ml



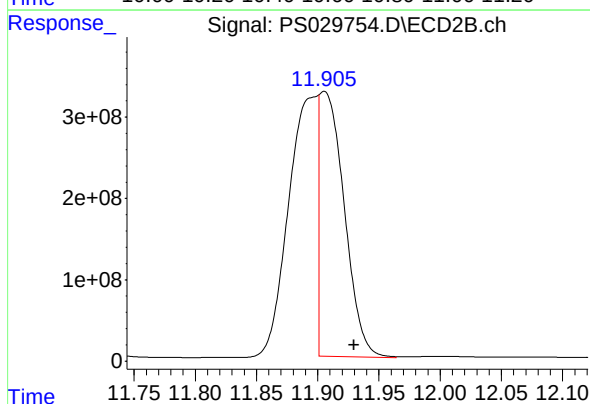
#15 Picloram

R.T.: 10.693 min
Delta R.T.: -0.021 min
Response: 7828426995
Conc: 505.05 ng/ml

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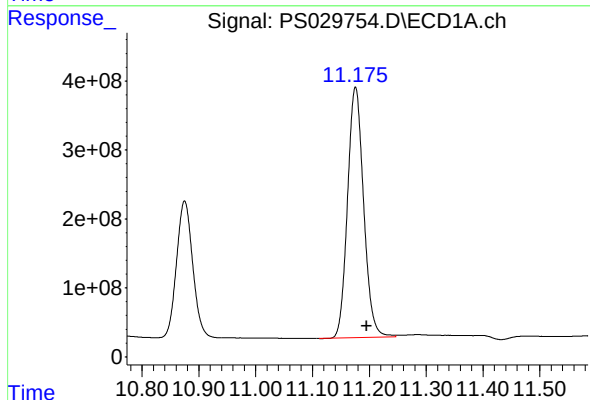
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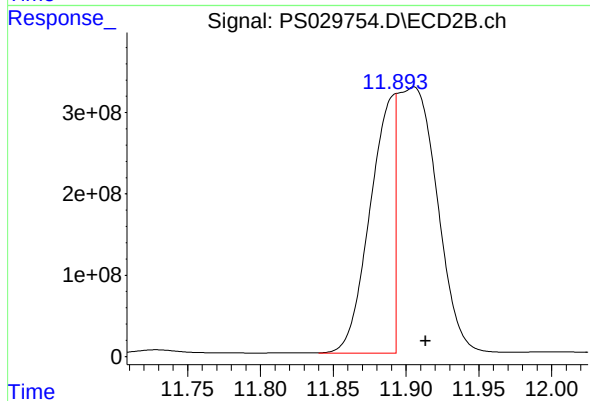
#15 Picloram

R.T.: 11.905 min
Delta R.T.: -0.025 min
Response: 4545712827
Conc: 384.43 ng/ml m



#16 DCPA

R.T.: 11.176 min
Delta R.T.: -0.020 min
Response: 7149825301
Conc: 511.94 ng/ml



#16 DCPA

R.T.: 11.893 min
Delta R.T.: -0.021 min
Response: 3722236319
Conc: 420.56 ng/ml m