

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030684.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 11:09
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 11:29:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:23:46 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	7.351	7.768	3444.8E6	1005.1E6	940.439m	999.390
Target Compounds						
1) T Dalapon	2.708	2.710	5275.8E6	2418.1E6	900.580	913.612
2) T 3,5-DICHL...	6.510	6.713	4676.3E6	1403.3E6	924.580	929.799
3) T 4-Nitroph...	7.151	7.299	1390.7E6	1490.8E6	911.282	916.371
5) T DICAMBA	7.542	7.971	13904.0E6	5971.6E6	938.043	944.319
6) T MCPP	7.726	8.072	931.2E6	209.1E6	96.462	95.025
7) T MCPA	7.876	8.321	1115.4E6	300.4E6	95.087	94.240
8) T DICHLORPROP	8.257	8.689	3125.1E6	1337.2E6	936.769	936.614
9) T 2,4-D	8.489	9.026	3003.1E6	1467.1E6	943.540	938.482
10) T Pentachlo...	8.800	9.551	44933.4E6	34663.5E6	906.618	945.274
11) T 2,4,5-TP ...	9.378	9.932	18204.7E6	12890.4E6	952.331	946.925
12) T 2,4,5-T	9.672	10.357	15551.2E6	12419.8E6	962.262	948.798
13) T 2,4-DB	10.251	10.925	2320.2E6	1056.8E6	972.010	949.587
14) T DINOSEB	11.471	11.310	12796.6E6	9811.2E6	945.391	941.882
15) T Picloram	11.278	12.419	15847.9E6	22237.3E6	971.186	952.353
16) T DCPA	11.766	12.354	23652.6E6	19597.5E6	956.978	957.858m

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

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Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

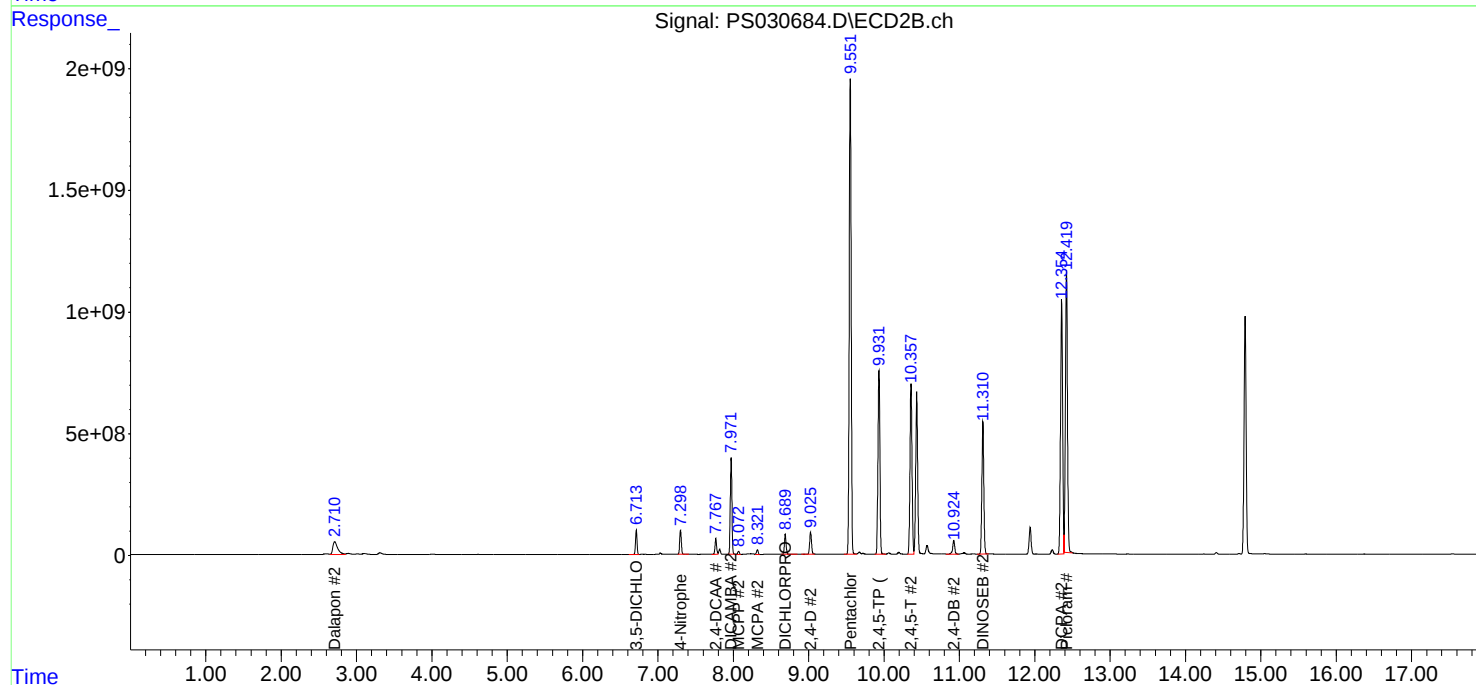
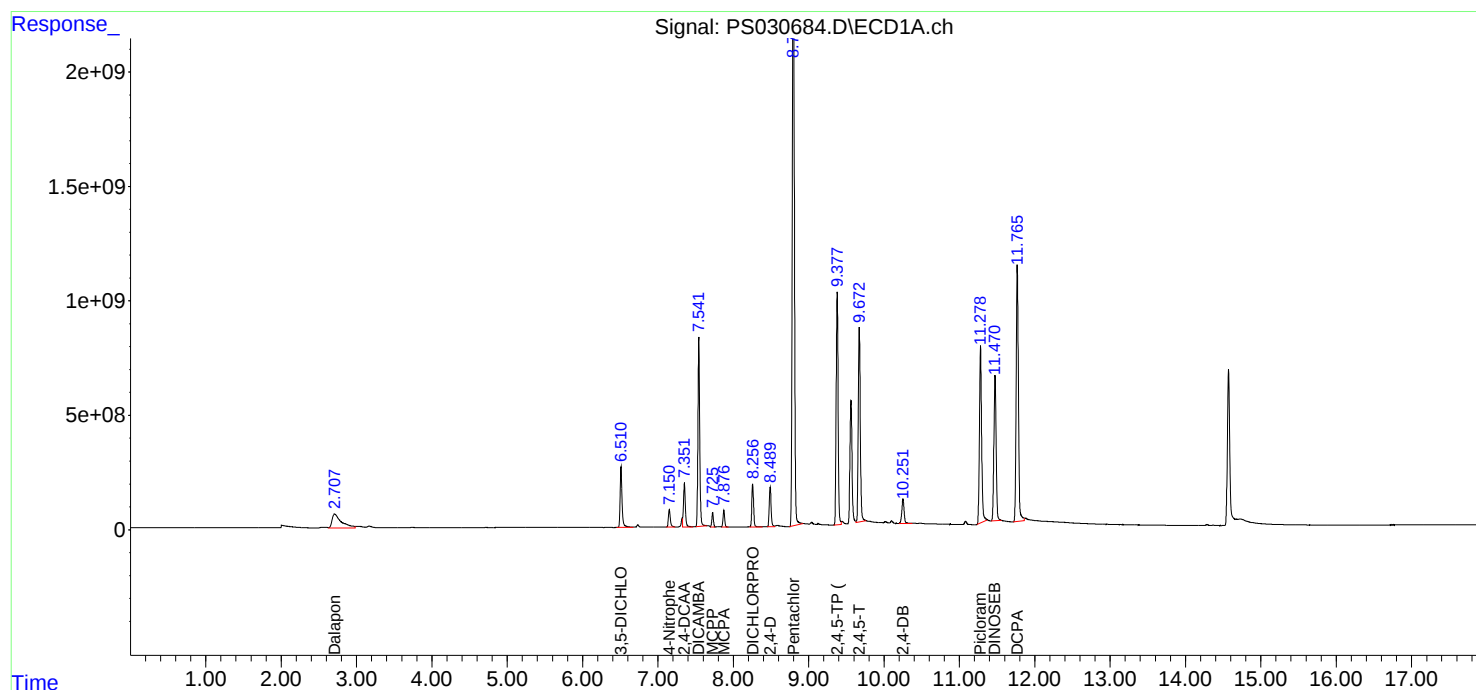
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ClientSampleId :
HSTDICC1000

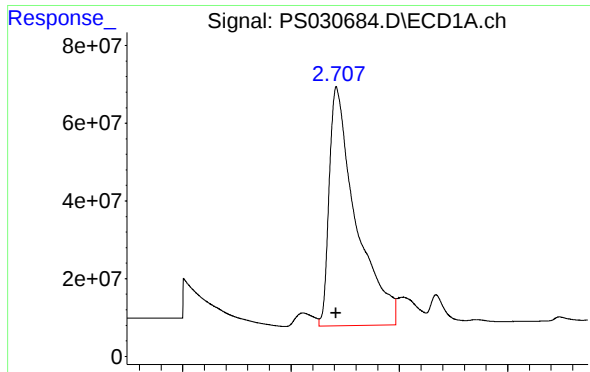
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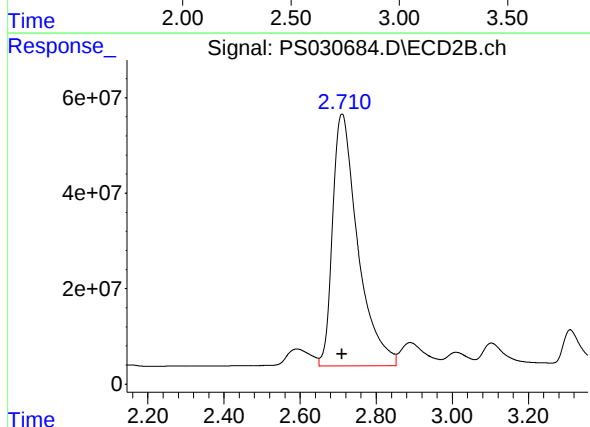
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 5275811124
Conc: 900.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

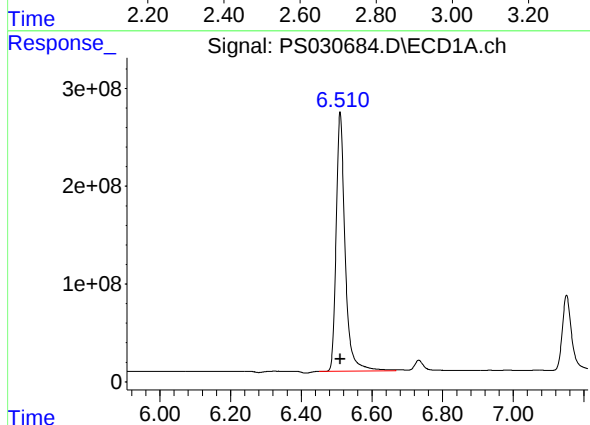
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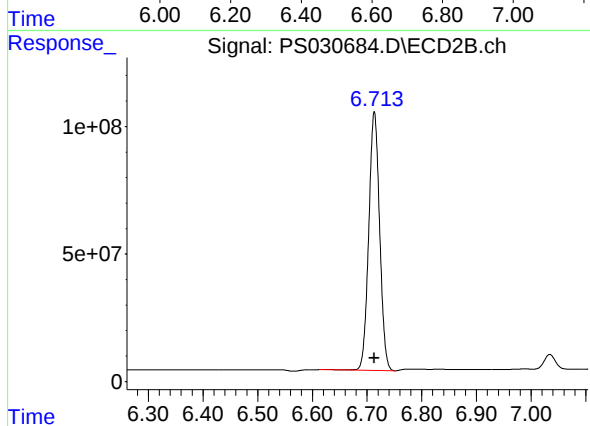
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 2418130122
Conc: 913.61 ng/ml



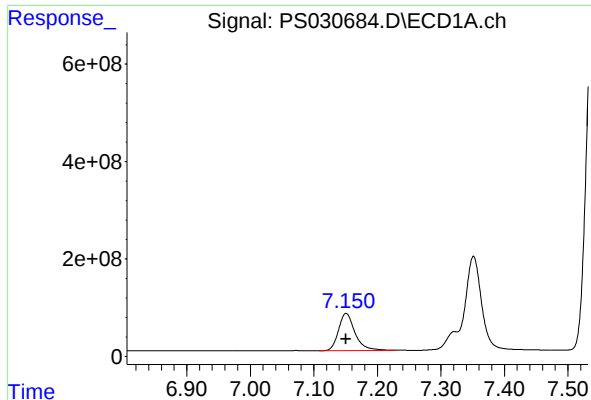
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 4676329142
Conc: 924.58 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1403323106
Conc: 929.80 ng/ml



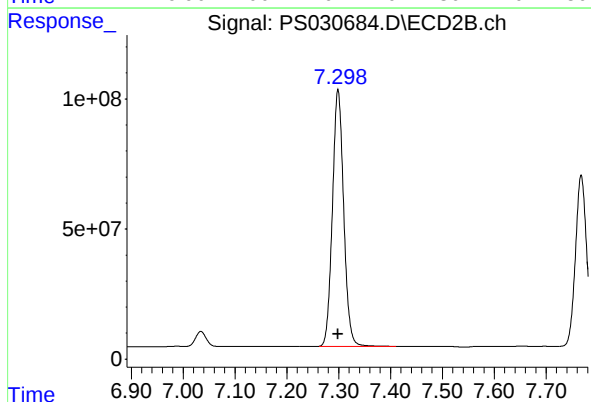
#3 4-Nitrophenol

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 1390700972
Conc: 911.28 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

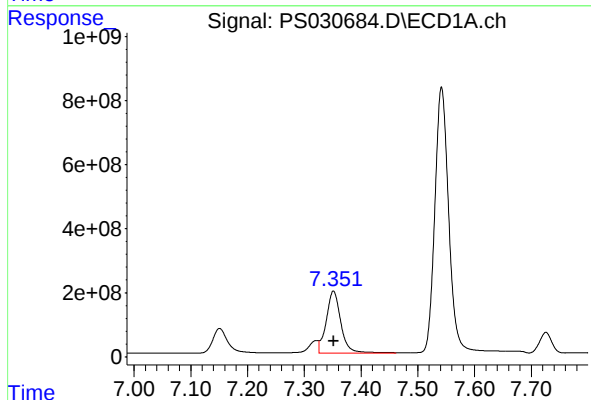
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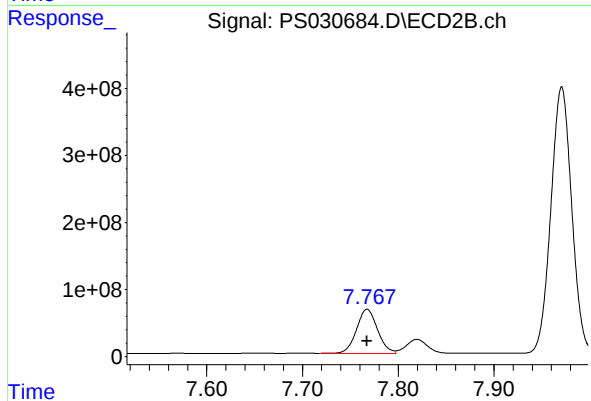
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1490829258
Conc: 916.37 ng/ml



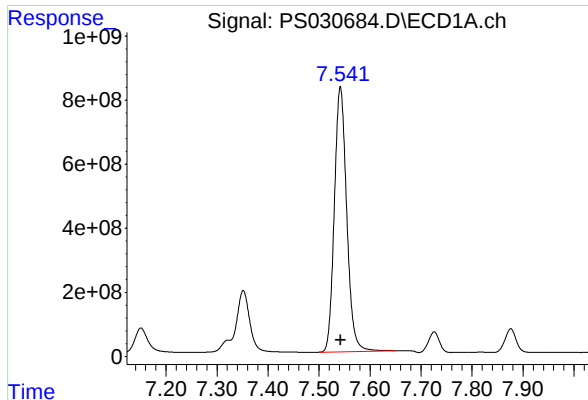
#4 2,4-DCAA

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 3444779612
Conc: 940.44 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 1005061215
Conc: 999.39 ng/ml



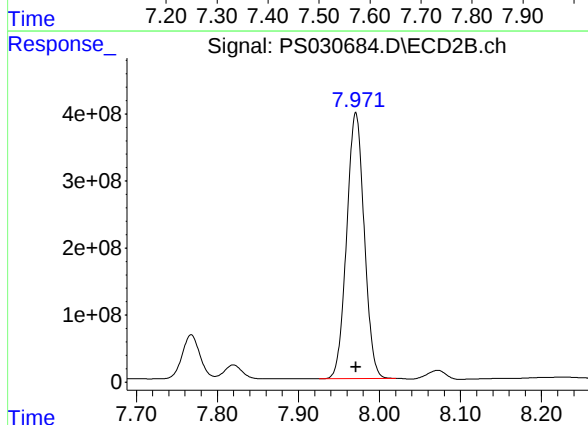
#5 DICAMBA

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 13903954650
Conc: 938.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

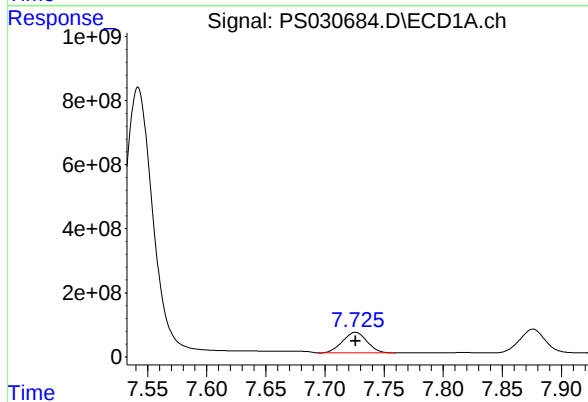
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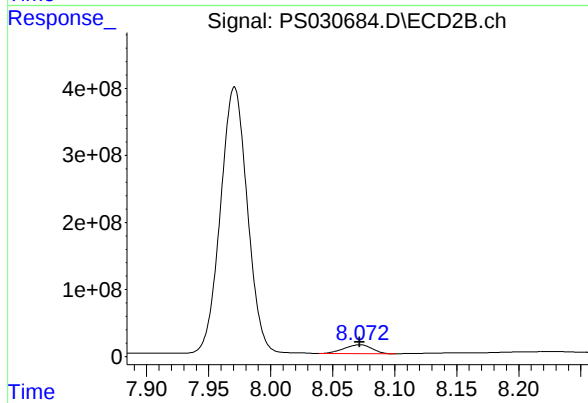
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 5971558462
Conc: 944.32 ng/ml



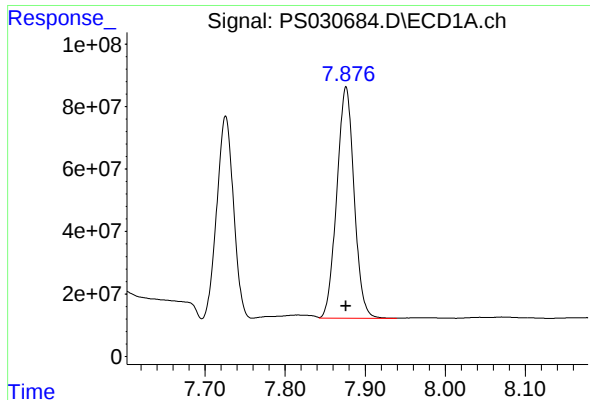
#6 MCPP

R.T.: 7.726 min
Delta R.T.: 0.000 min
Response: 931153265
Conc: 96.46 ug/ml



#6 MCPP

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 209080560
Conc: 95.03 ug/ml



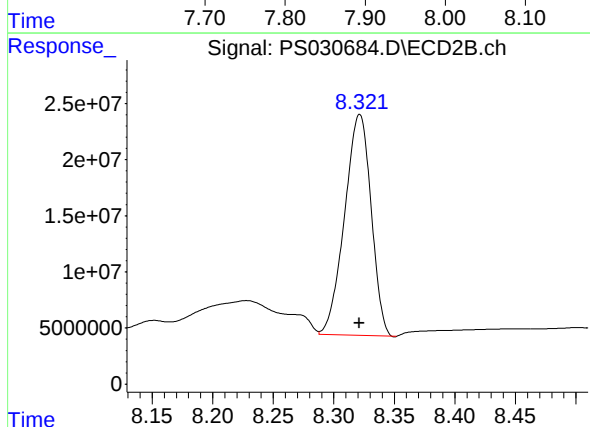
#7 MCPA

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 1115394846
Conc: 95.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

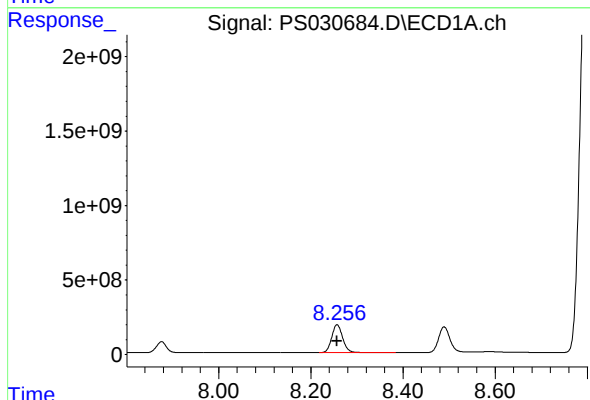
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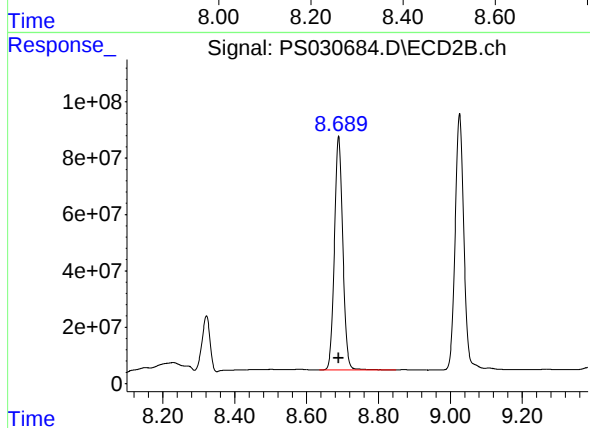
#7 MCPA

R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 300399266
Conc: 94.24 ug/ml



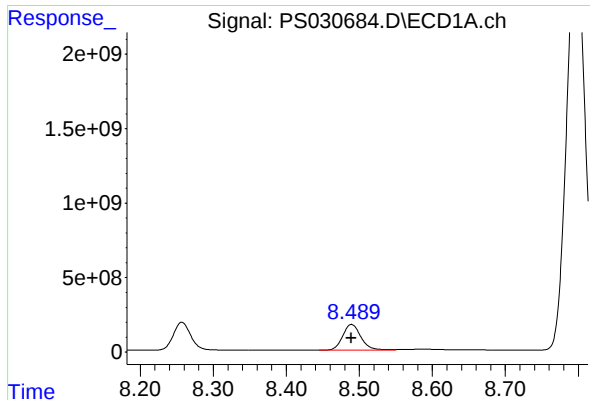
#8 DICHLORPROP

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 3125118358
Conc: 936.77 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 1337156248
Conc: 936.61 ng/ml



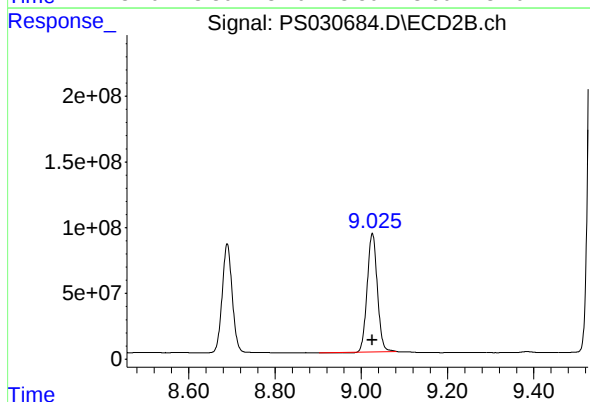
#9 2,4-D

R.T.: 8.489 min
Delta R.T.: 0.000 min
Response: 3003113742
Conc: 943.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

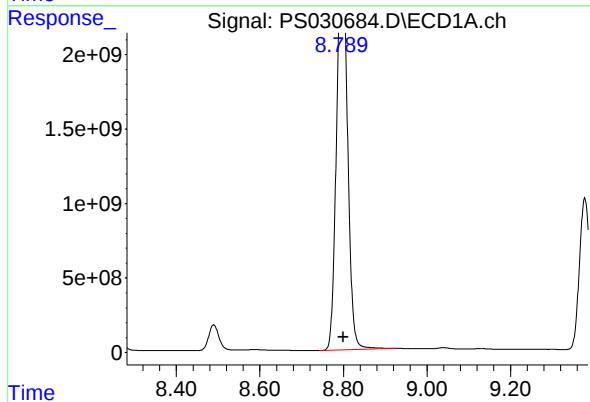
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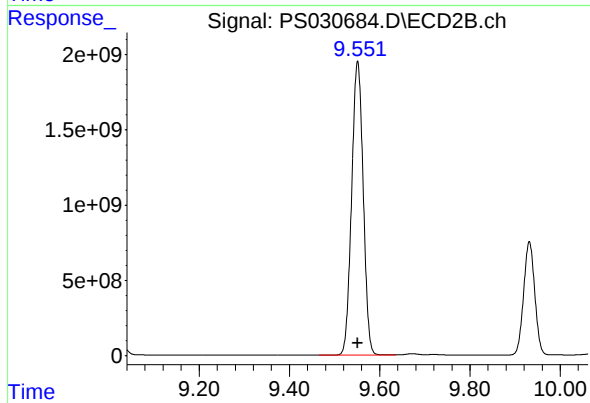
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1467143650
Conc: 938.48 ng/ml



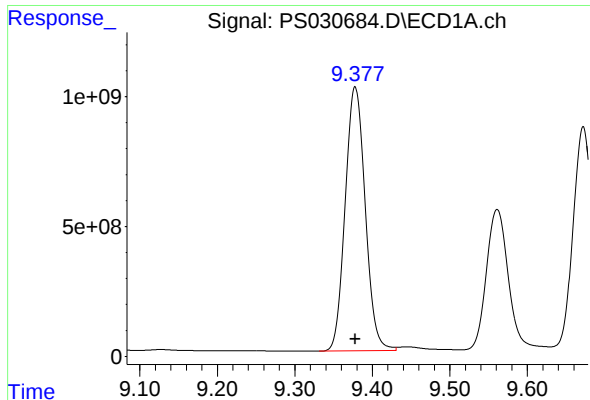
#10 Pentachlorophenol

R.T.: 8.800 min
Delta R.T.: 0.000 min
Response: 44933444165
Conc: 906.62 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 34663546114
Conc: 945.27 ng/ml



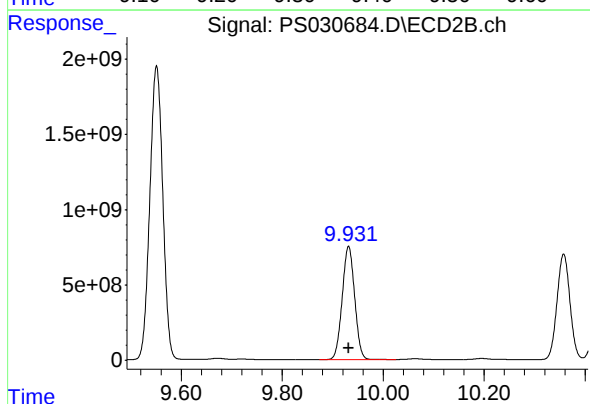
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 18204673293
Conc: 952.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

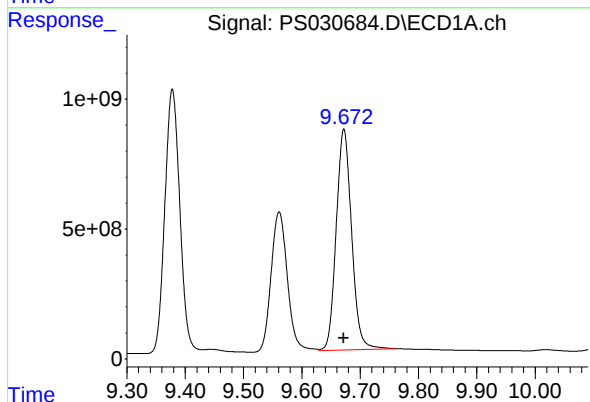
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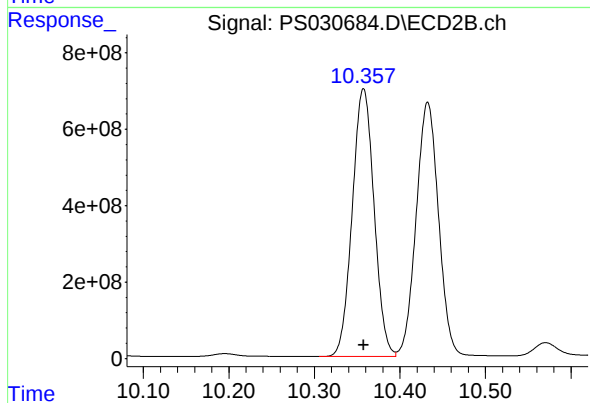
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 12890381830
Conc: 946.93 ng/ml



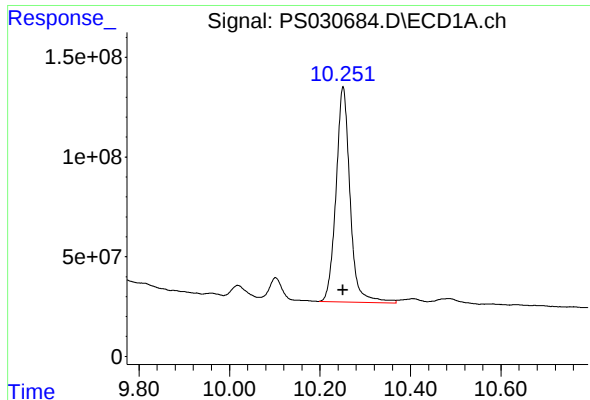
#12 2,4,5-T

R.T.: 9.672 min
Delta R.T.: 0.000 min
Response: 15551179341
Conc: 962.26 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 12419833402
Conc: 948.80 ng/ml



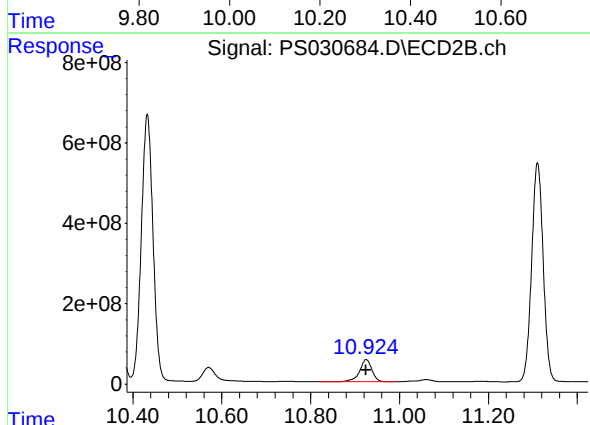
#13 2,4-DB

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 2320170208
Conc: 972.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

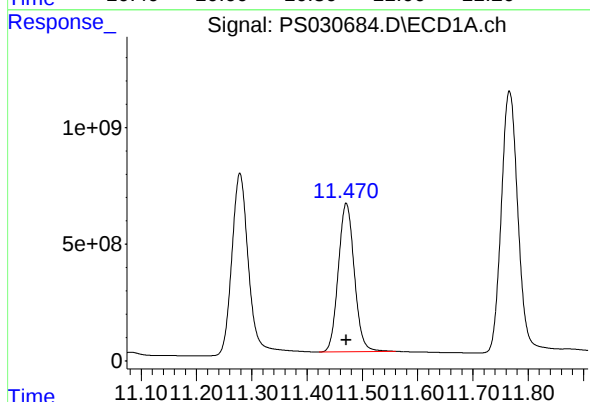
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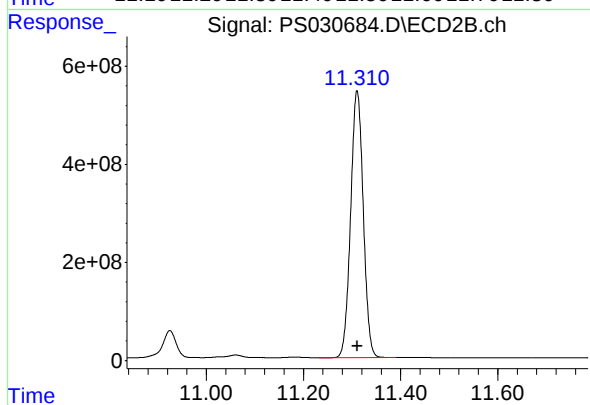
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 1056847799
Conc: 949.59 ng/ml



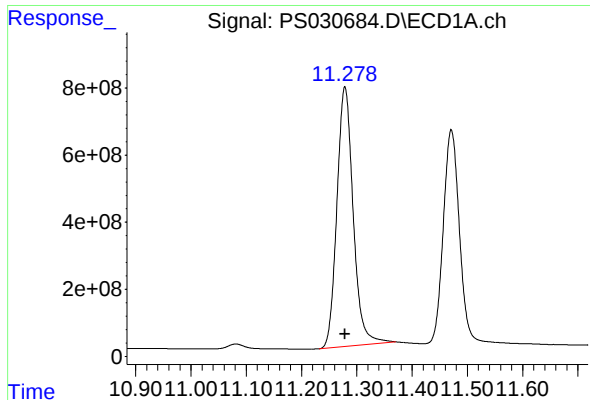
#14 DINOSEB

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 12796610171
Conc: 945.39 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 9811228555
Conc: 941.88 ng/ml



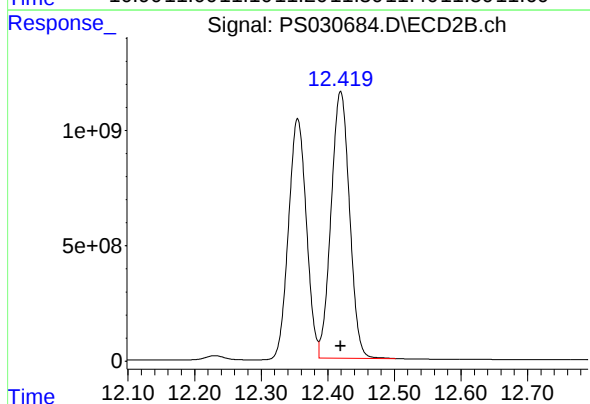
#15 Picloram

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 15847936237
Conc: 971.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

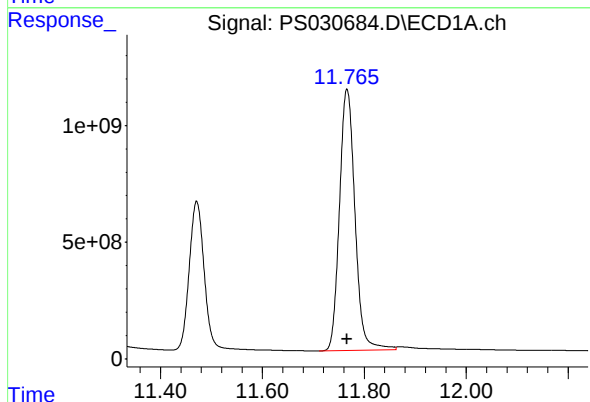
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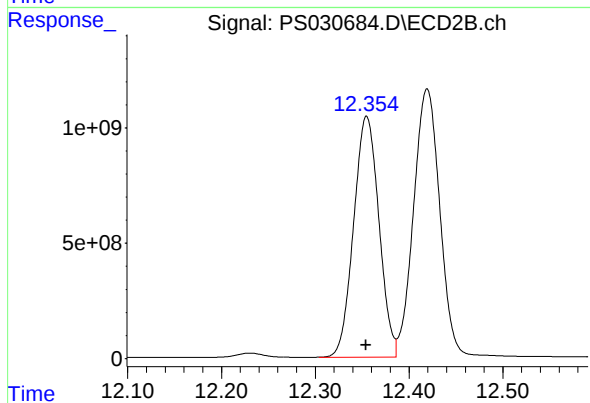
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 22237278300
Conc: 952.35 ng/ml



#16 DCPA

R.T.: 11.766 min
Delta R.T.: 0.000 min
Response: 23652563828
Conc: 956.98 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 19597494262
Conc: 957.86 ng/ml m