

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030682.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 10:20
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

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 11:32:43 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 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	7.351	7.768	1928.2E6	543.2E6	535.186m	526.079
Target Compounds							
1) T	Dalapon	2.708	2.710	2765.3E6	1274.0E6	463.050m	472.234
2) T	3,5-DICHL...	6.510	6.713	2564.1E6	753.7E6	492.162	487.367
3) T	4-Nitroph...	7.151	7.299	742.0E6	769.6E6	475.328	466.865
5) T	DICAMBA	7.542	7.971	7439.5E6	3117.8E6	490.802	485.111
6) T	MCP	7.723	8.068	437.7E6	104.2E6	45.879	47.243
7) T	MCPA	7.873	8.317	540.9E6	147.3E6	46.242	46.299
8) T	DICHLORPROP	8.257	8.690	1731.7E6	725.4E6	501.626	494.729
9) T	2,4-D	8.490	9.025	1599.0E6	791.7E6	491.110	493.651
10) T	Pentachlo...	8.797	9.551	26597.4E6	18719.5E6	514.398	498.079
11) T	2,4,5-TP ...	9.378	9.931	9624.6E6	6932.5E6	493.620	497.302
12) T	2,4,5-T	9.673	10.358	7883.0E6	6647.0E6	483.443	496.369
13) T	2,4-DB	10.252	10.925	1150.4E6	568.7E6	479.604	498.377
14) T	DINOSEB	11.471	11.310	6689.8E6	5179.8E6	485.881	487.828
15) T	Picloram	11.279	12.419	7715.4E6	11458.3E6	473.539	485.368
16) T	DCPA	11.767	12.354	12733.7E6	10578.6E6	502.909	504.275m

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

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Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

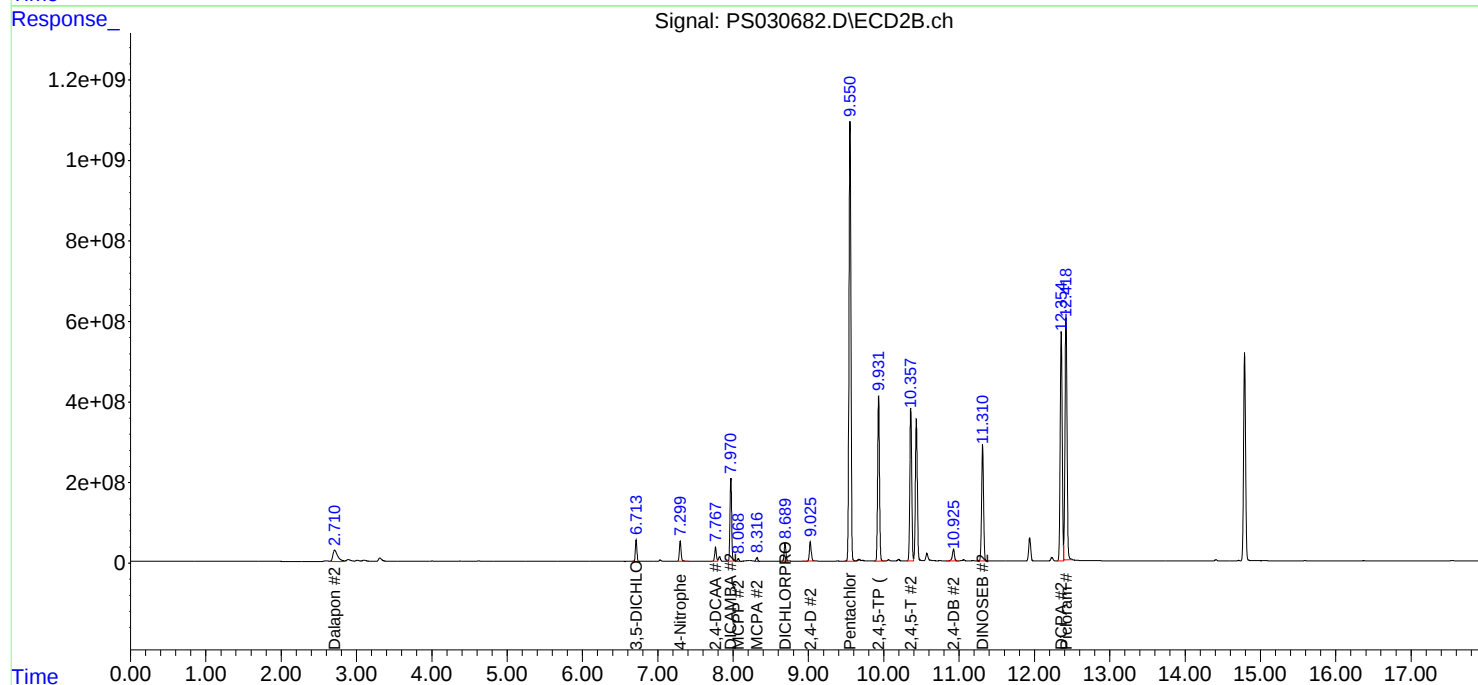
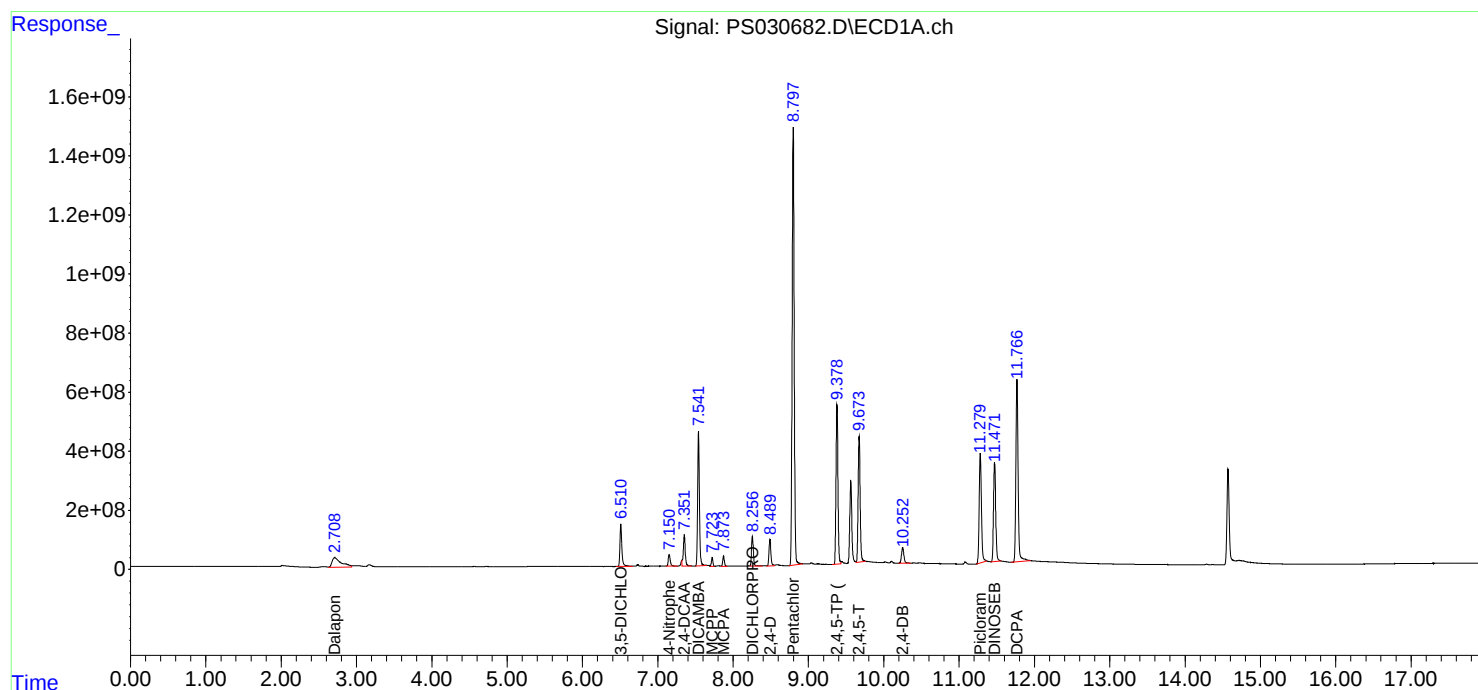
Instrument :
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ClientSampleId :
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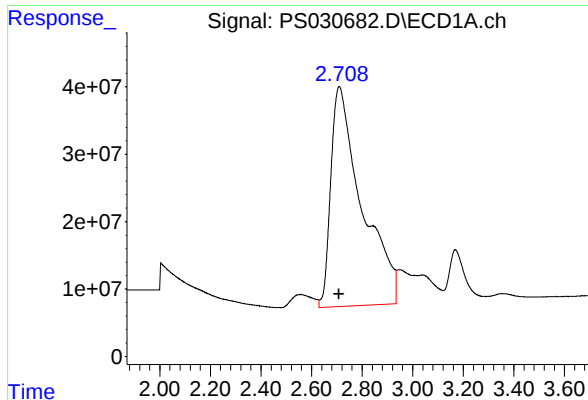
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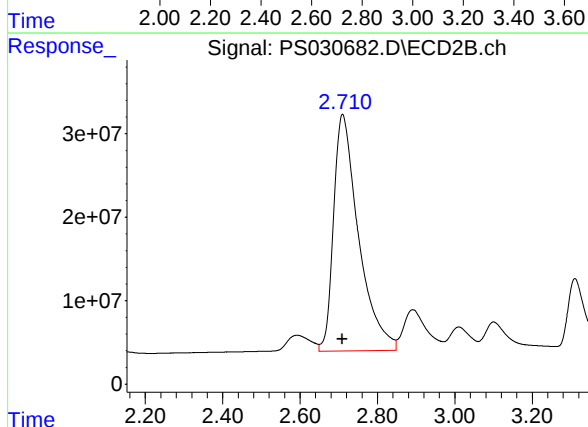
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 2765341727
Conc: 463.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

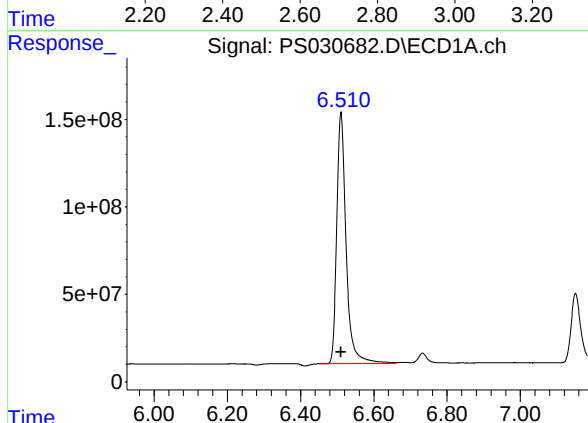
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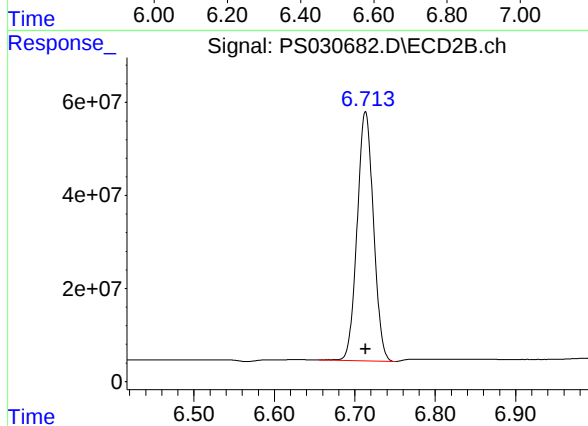
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1274025880
Conc: 472.23 ng/ml



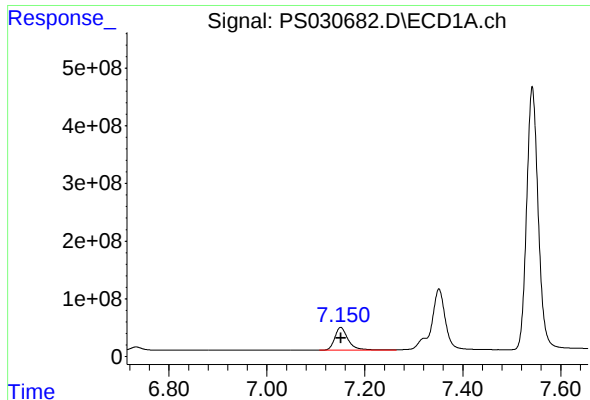
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 2564140086
Conc: 492.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 753697037
Conc: 487.37 ng/ml



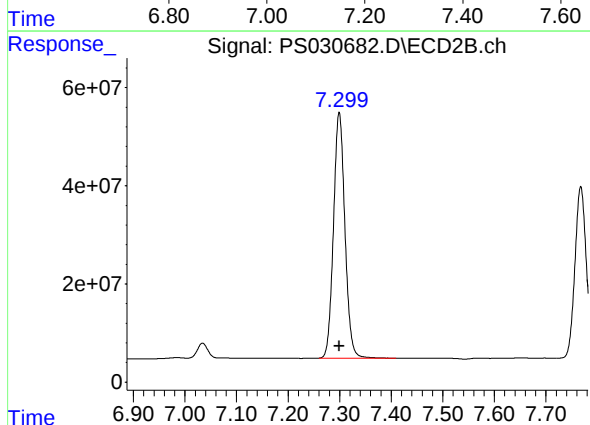
#3 4-Nitrophenol

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 741968915
Conc: 475.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

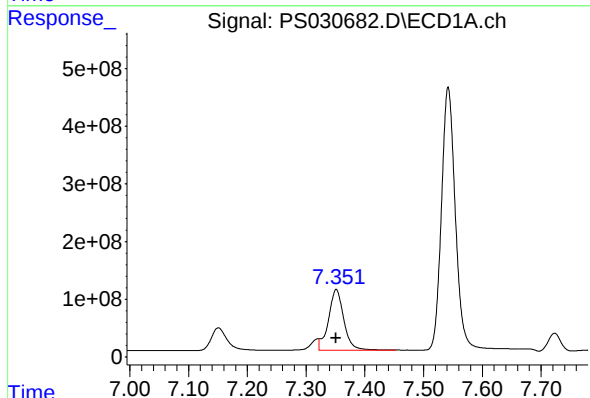
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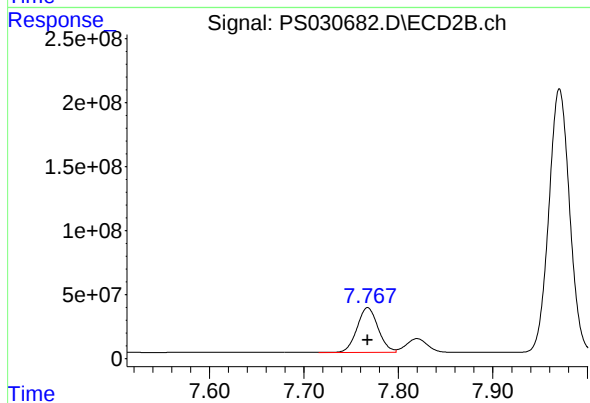
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 769568639
Conc: 466.86 ng/ml



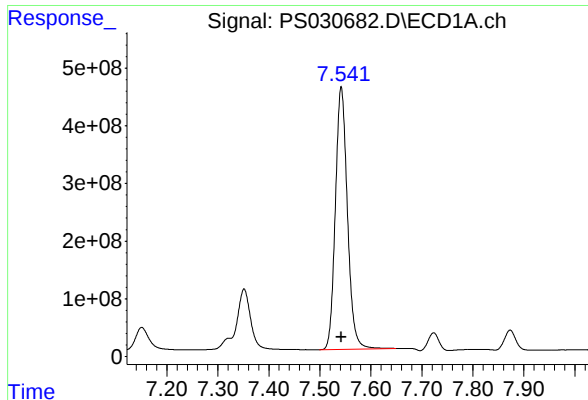
#4 2,4-DCAA

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 1928180381
Conc: 535.19 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 543230920
Conc: 526.08 ng/ml



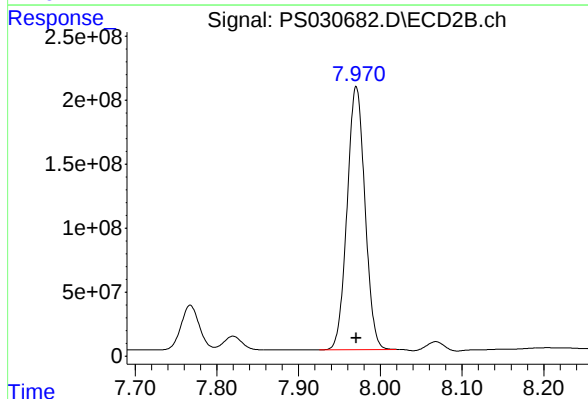
#5 DICAMBA

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 7439453672
Conc: 490.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

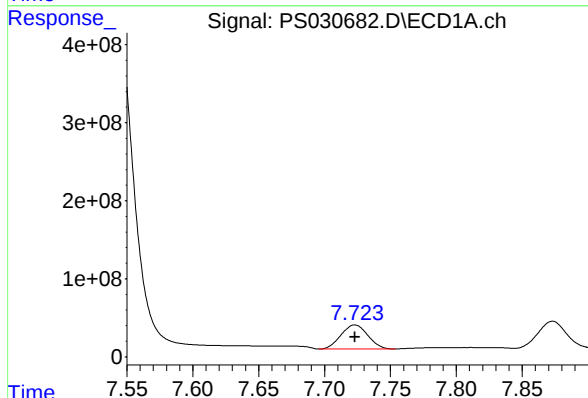
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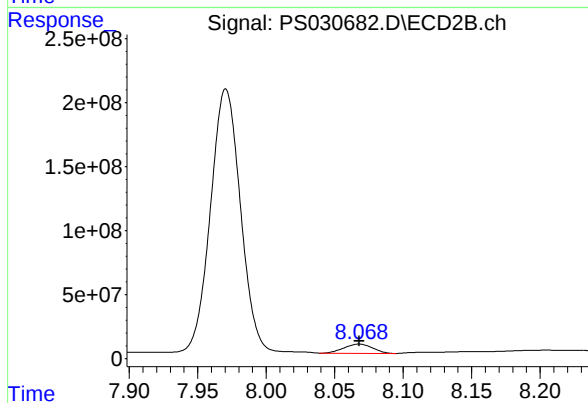
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 3117796345
Conc: 485.11 ng/ml



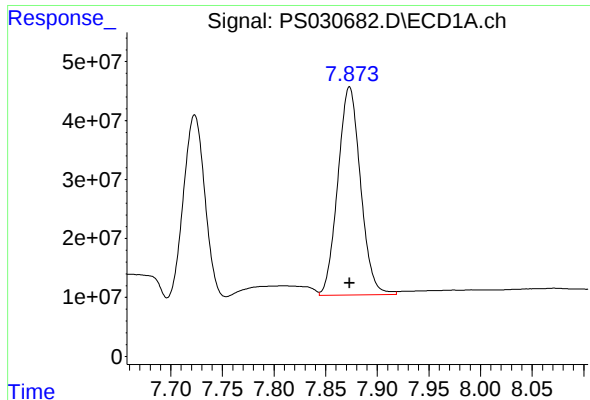
#6 MCPP

R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 437650741
Conc: 45.88 ug/ml



#6 MCPP

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 104218288
Conc: 47.24 ug/ml



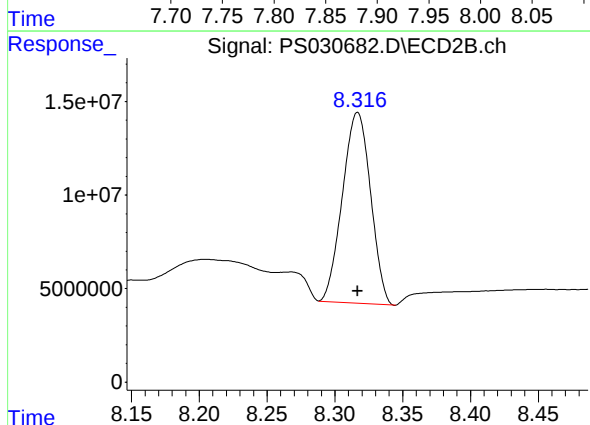
#7 MCPA

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 540922205
Conc: 46.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

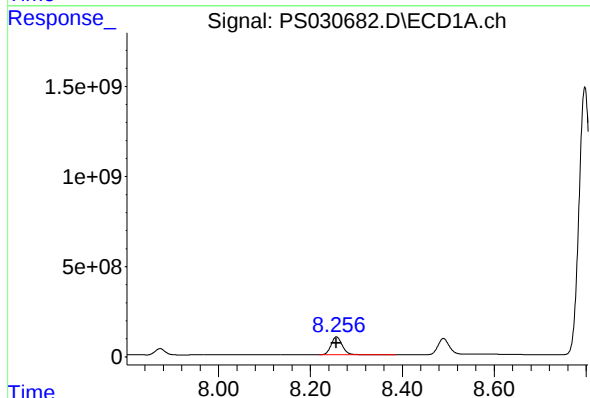
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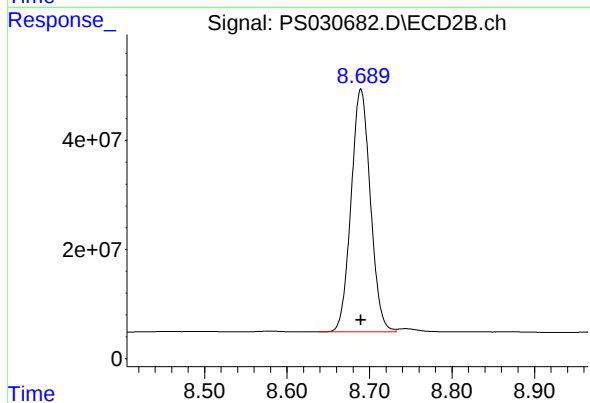
#7 MCPA

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 147264816
Conc: 46.30 ug/ml



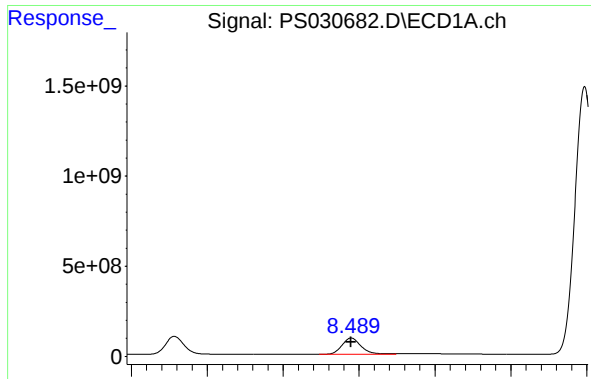
#8 DICHLORPROP

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 1731720156
Conc: 501.63 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 725382063
Conc: 494.73 ng/ml



#9 2,4-D

R.T.: 8.490 min
Delta R.T.: 0.000 min
Response: 1599023072
Conc: 491.11 ng/ml

Instrument :

ECD_S

ClientSampleId :

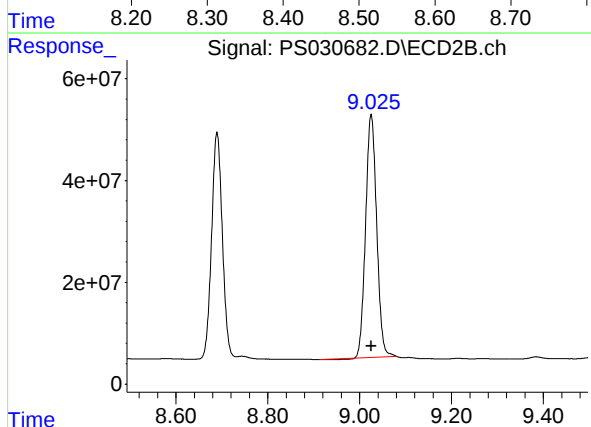
HSTDICC500

Manual Integrations

APPROVED

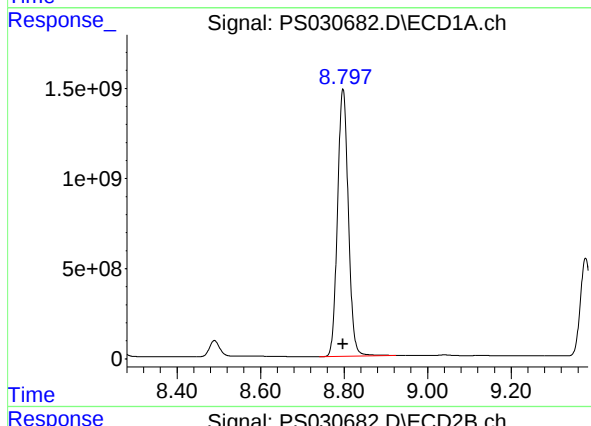
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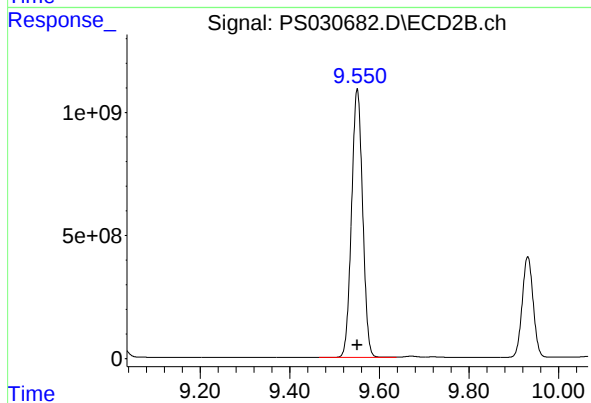
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 791650735
Conc: 493.65 ng/ml



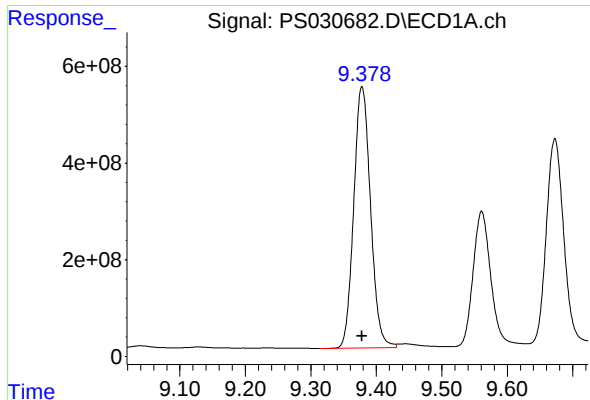
#10 Pentachlorophenol

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 26597428885
Conc: 514.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 18719497129
Conc: 498.08 ng/ml



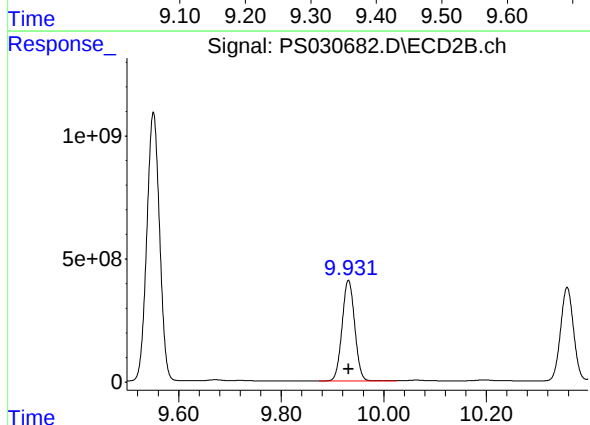
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 9624629260
Conc: 493.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

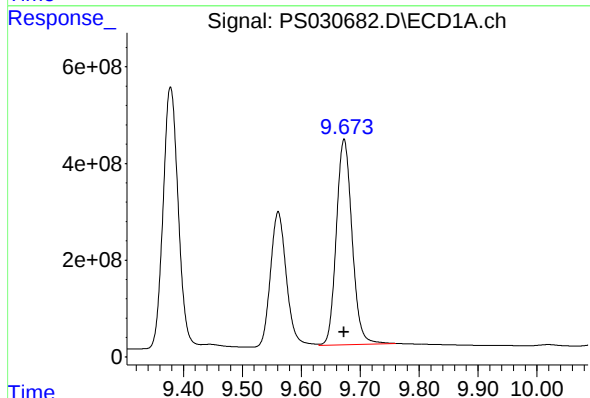
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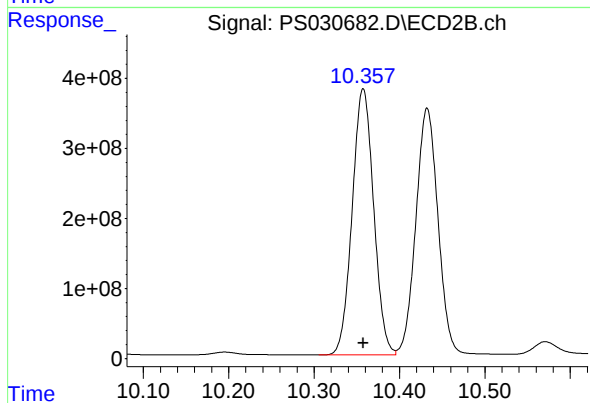
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 6932458261
Conc: 497.30 ng/ml



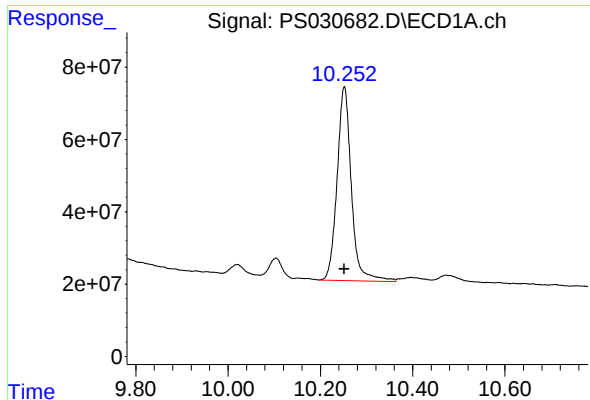
#12 2,4,5-T

R.T.: 9.673 min
Delta R.T.: 0.000 min
Response: 7883014305
Conc: 483.44 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 6647031428
Conc: 496.37 ng/ml



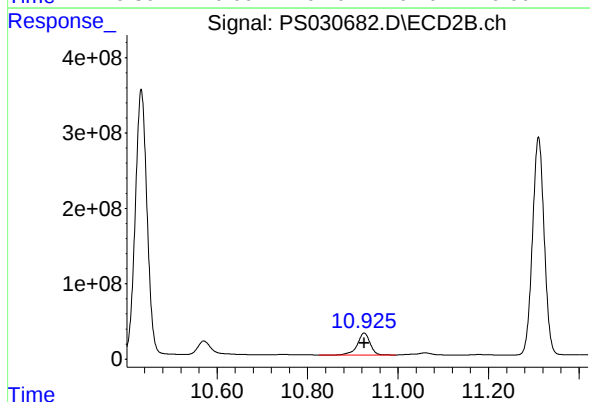
#13 2,4-DB

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 1150382491
Conc: 479.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

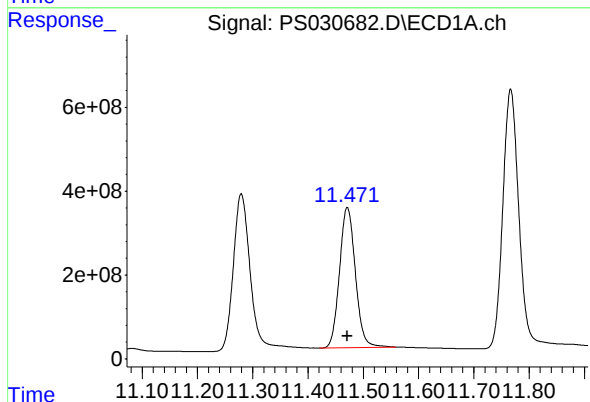
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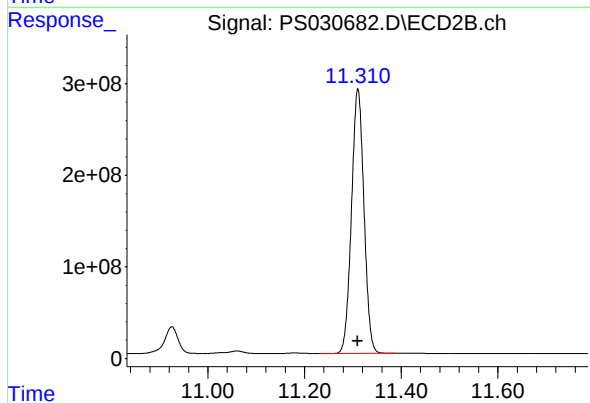
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 568665111
Conc: 498.38 ng/ml



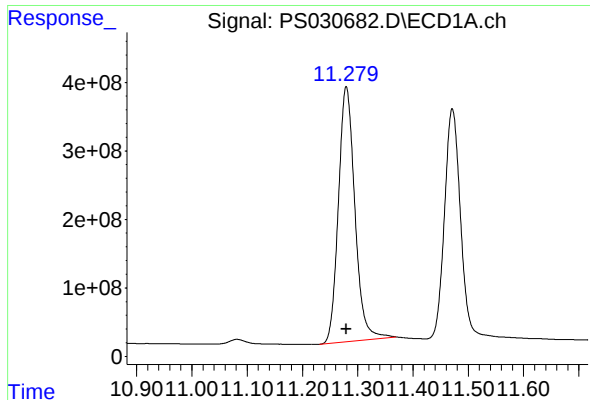
#14 DINOSEB

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 6689804571
Conc: 485.88 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 5179760694
Conc: 487.83 ng/ml



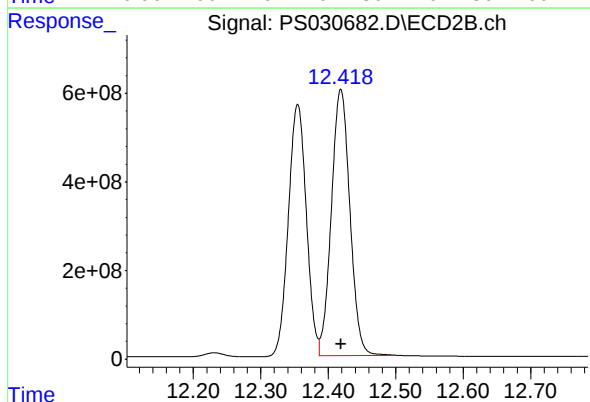
#15 Picloram

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 7715395797
Conc: 473.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

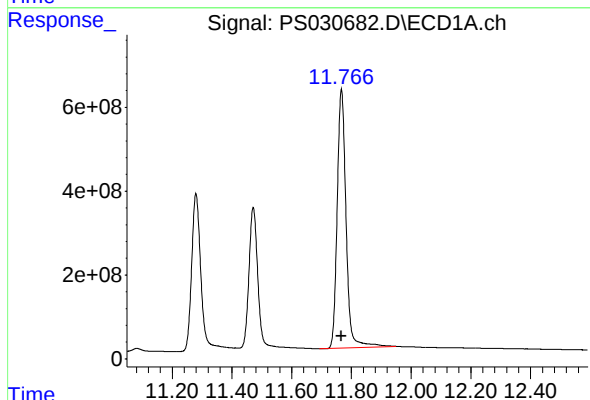
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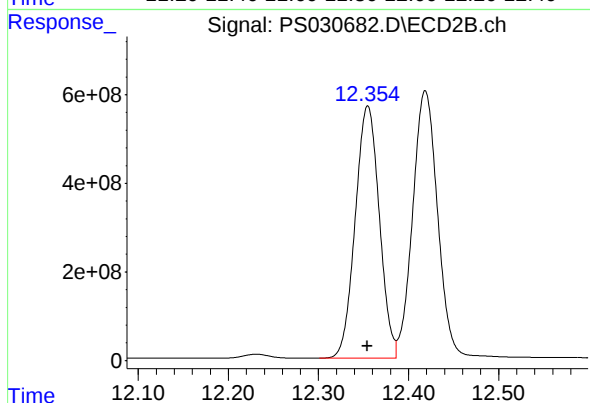
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 11458309175
Conc: 485.37 ng/ml



#16 DCPA

R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 12733725304
Conc: 502.91 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 10578638040
Conc: 504.28 ng/ml m