

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030681.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 09:56
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

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 11:35:14 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	941.9E6	266.9E6	243.064m	240.874
Target Compounds							
1) T	Dalapon	2.708	2.710	1444.4E6	621.3E6	225.072m	215.972
2) T	3,5-DICHL...	6.510	6.713	1261.5E6	371.3E6	225.152	223.801
3) T	4-Nitroph...	7.151	7.299	358.3E6	357.0E6	215.458	206.768
5) T	DICAMBA	7.542	7.971	3504.5E6	1445.5E6	218.642	214.393
6) T	MCP	7.721	8.066	162.1E6	40694511	17.415	18.534
7) T	MCPA	7.871	8.314	226.8E6	60775932	19.187	18.978
8) T	DICHLORPROP	8.257	8.690	907.0E6	356.9E6	238.983	226.711
9) T	2,4-D	8.490	9.025	774.3E6	388.6E6	223.037	226.013
10) T	Pentachlo...	8.797	9.550	12630.4E6	8595.3E6	227.992	217.619
11) T	2,4,5-TP ...	9.378	9.931	4429.0E6	3244.6E6	216.564	220.356
12) T	2,4,5-T	9.673	10.357	3470.5E6	3100.3E6	206.627	219.523
13) T	2,4-DB	10.252	10.925	510.6E6	272.4E6	206.664	224.319
14) T	DINOSEB	11.471	11.310	3090.3E6	2416.1E6	214.074	216.176
15) T	Picloram	11.281	12.419	3391.8E6	4996.7E6	203.312	205.794
16) T	DCPA	11.767	12.354	5786.5E6	4827.3E6	218.156	219.220m

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

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Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

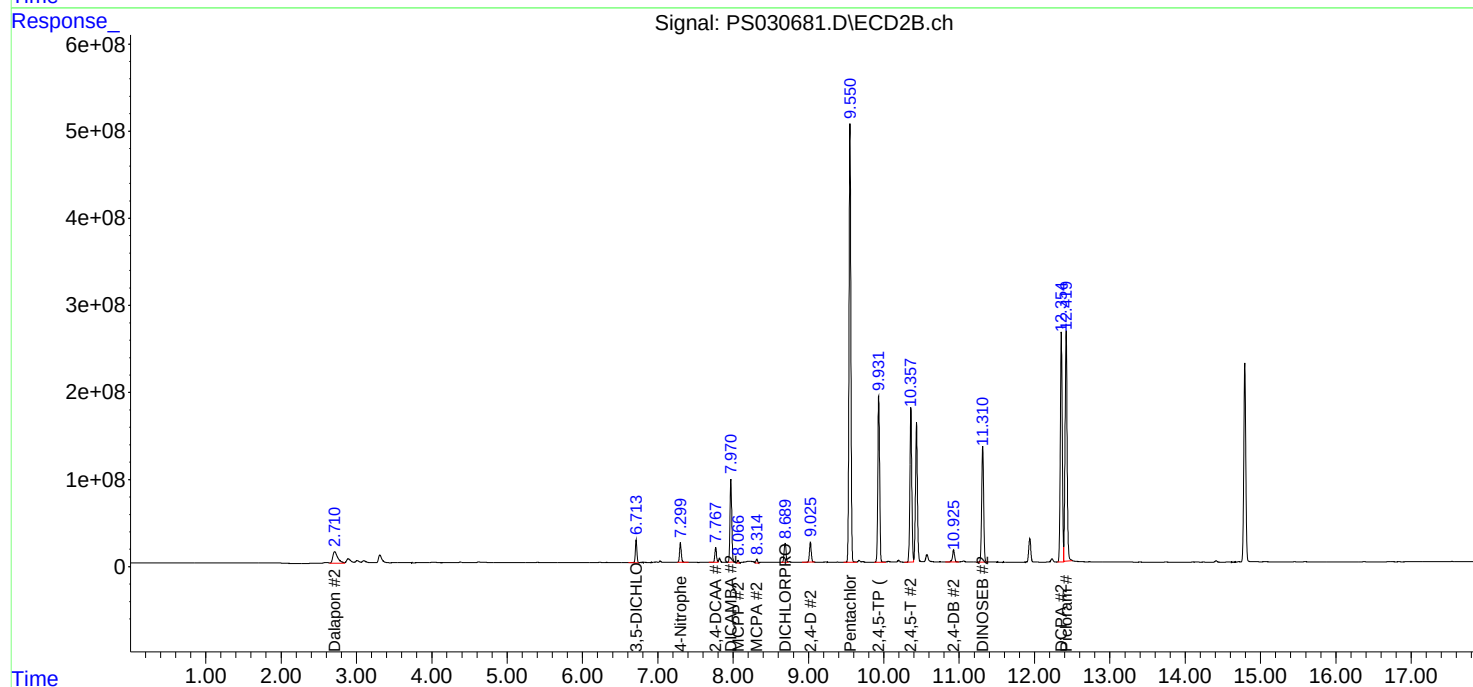
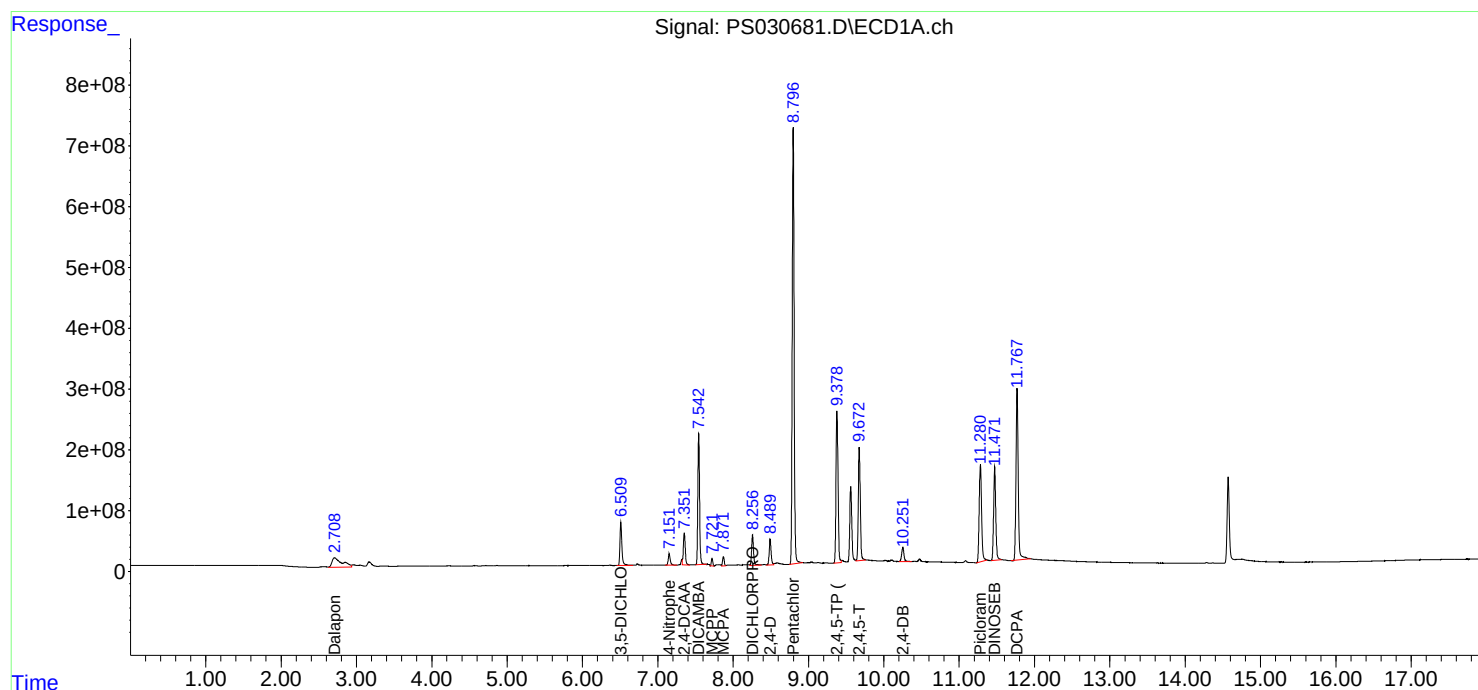
Instrument :
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ClientSampleId :
HSTDICC200

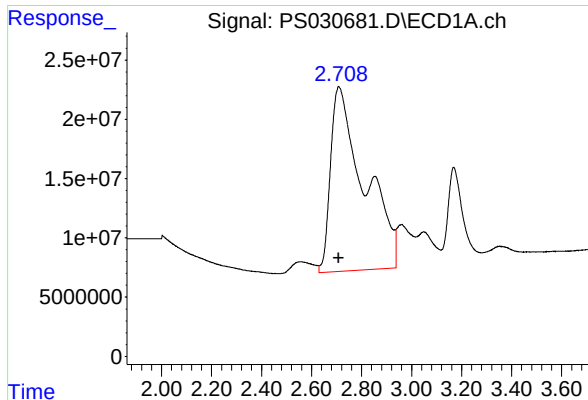
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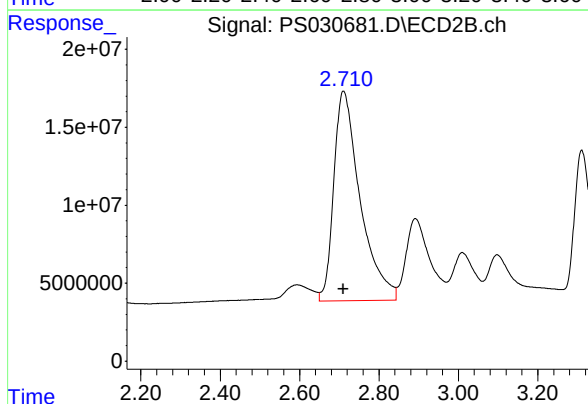
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 1444417235
Conc: 225.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

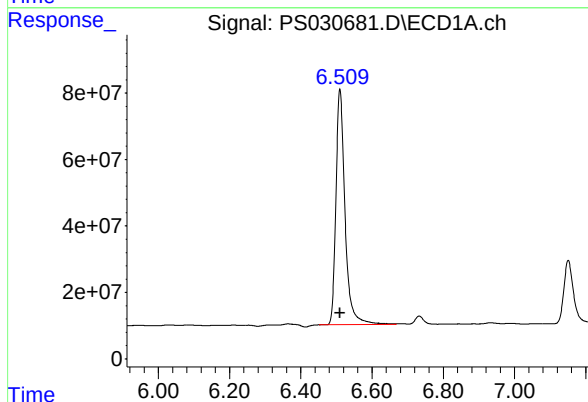
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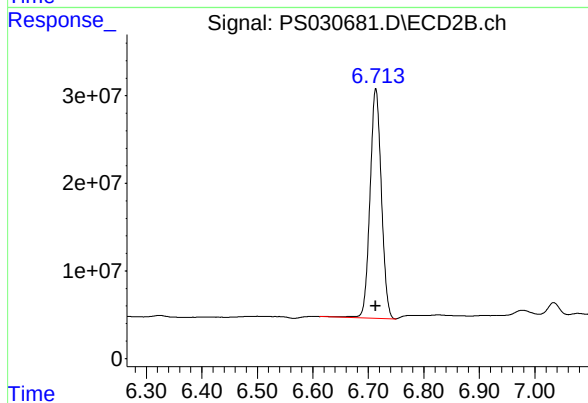
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 621324105
Conc: 215.97 ng/ml



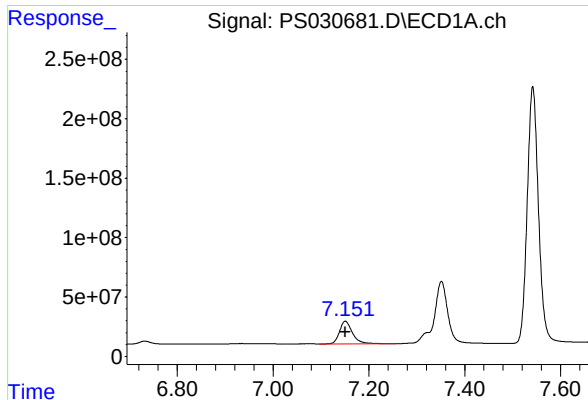
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 1261543775
Conc: 225.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 371250961
Conc: 223.80 ng/ml



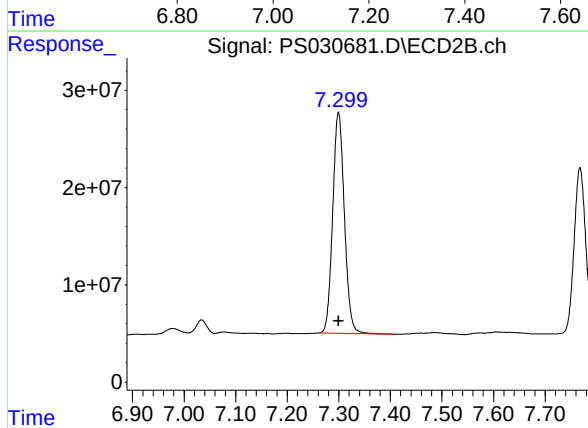
#3 4-Nitrophenol

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 358277352
Conc: 215.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

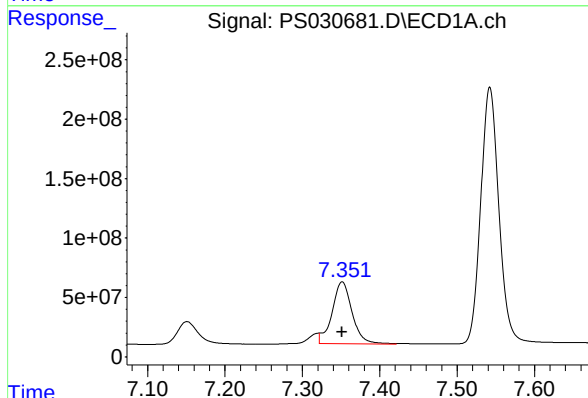
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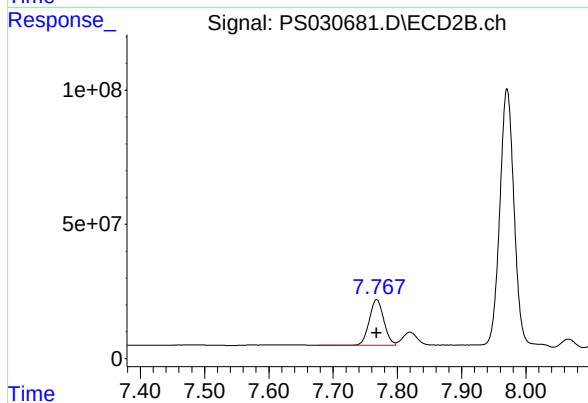
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 357027266
Conc: 206.77 ng/ml



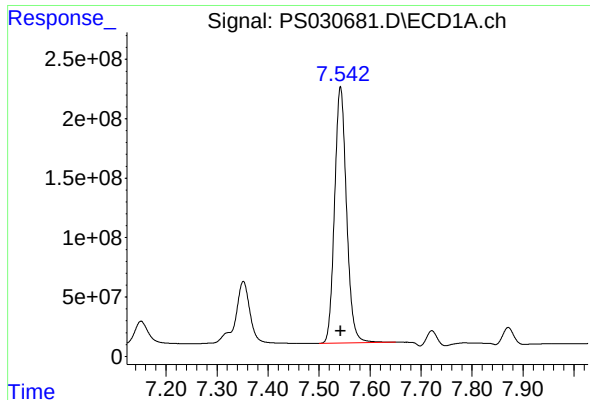
#4 2,4-DCAA

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 941926461
Conc: 243.06 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 266909709
Conc: 240.87 ng/ml



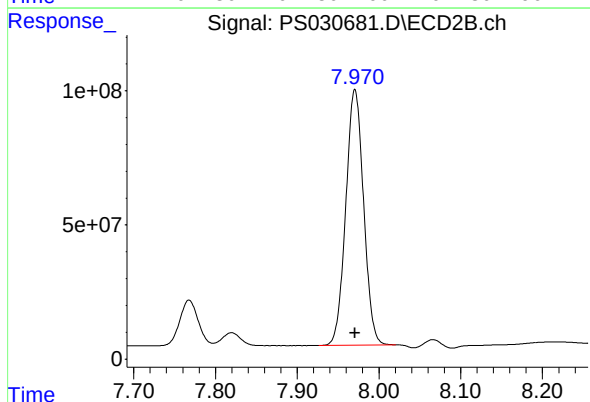
#5 DICAMBA

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 3504516223
Conc: 218.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

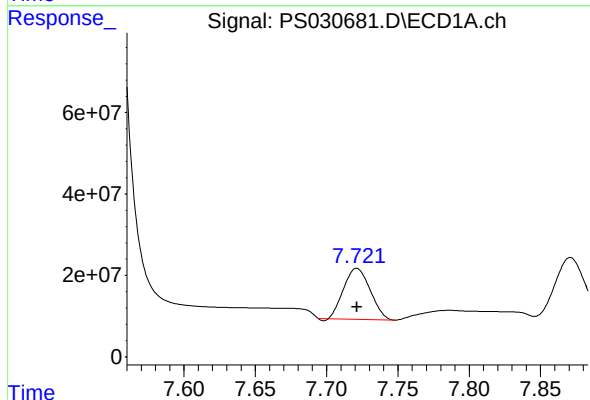
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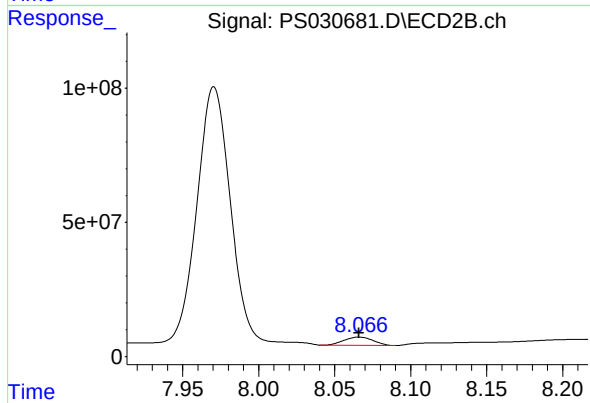
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 1445544733
Conc: 214.39 ng/ml



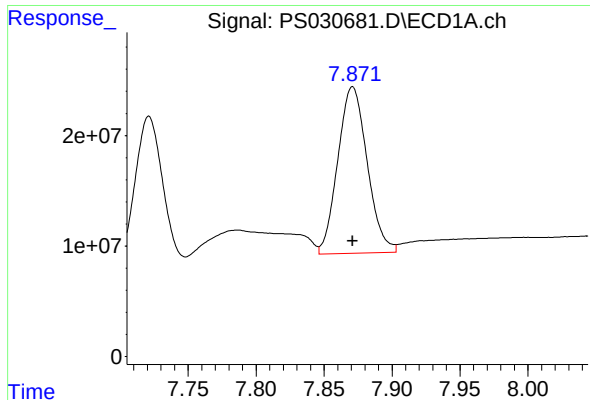
#6 MCPP

R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 162145366
Conc: 17.42 ug/ml



#6 MCPP

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 40694511
Conc: 18.53 ug/ml



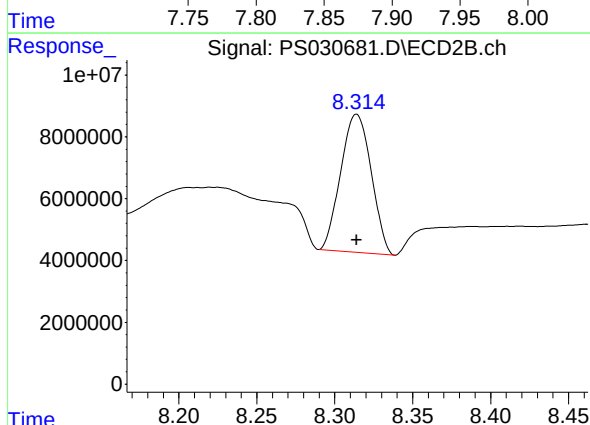
#7 MCPA

R.T.: 7.871 min
Delta R.T.: 0.000 min
Response: 226826119
Conc: 19.19 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

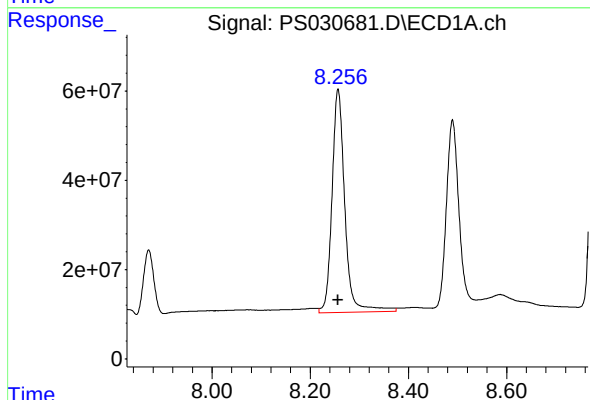
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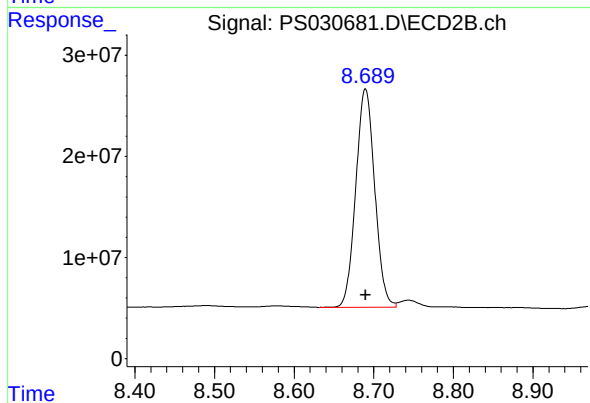
#7 MCPA

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 60775932
Conc: 18.98 ug/ml



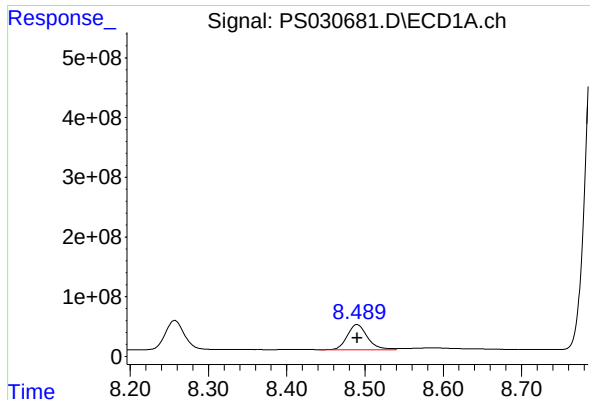
#8 DICHLORPROP

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 907008760
Conc: 238.98 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 356904936
Conc: 226.71 ng/ml



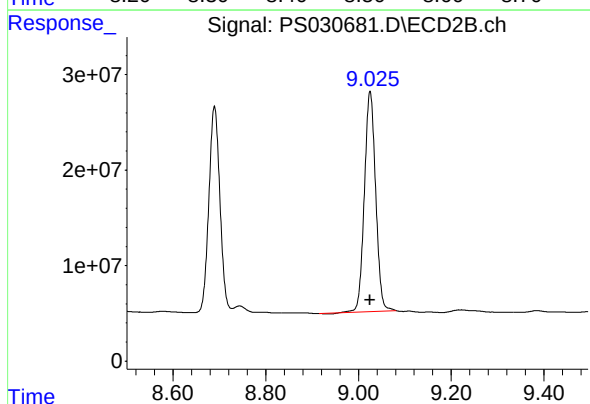
#9 2,4-D

R.T.: 8.490 min
Delta R.T.: 0.000 min
Response: 774296570
Conc: 223.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

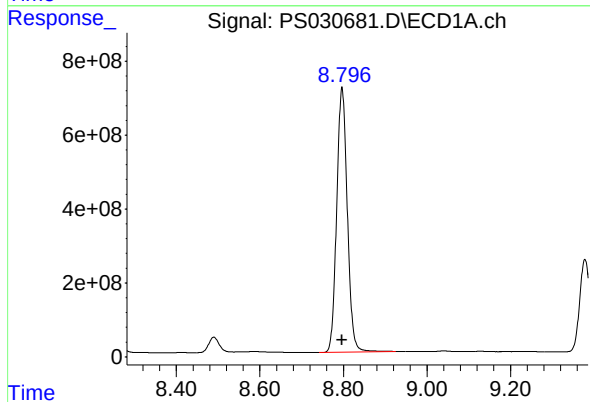
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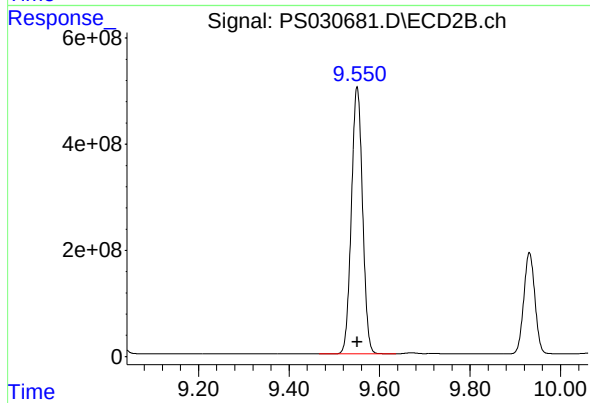
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 388643412
Conc: 226.01 ng/ml



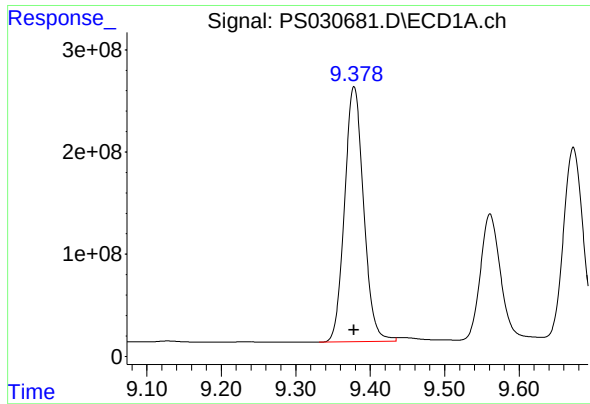
#10 Pentachlorophenol

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 12630365259
Conc: 227.99 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 8595320788
Conc: 217.62 ng/ml



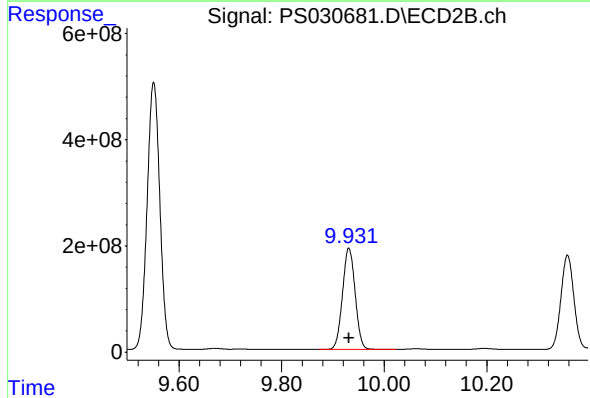
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 4428973800
Conc: 216.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

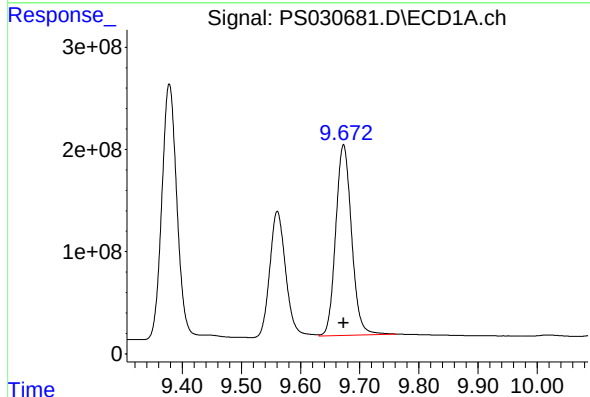
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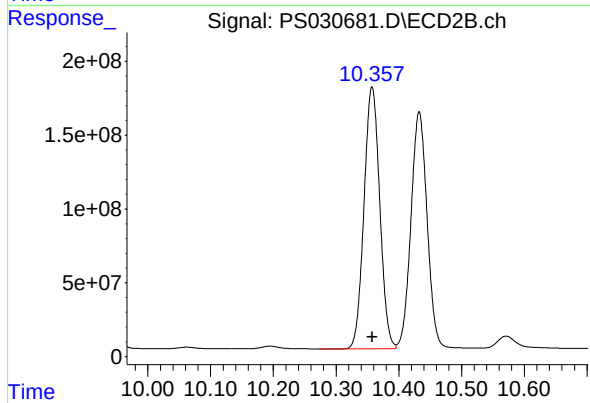
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 3244577677
Conc: 220.36 ng/ml



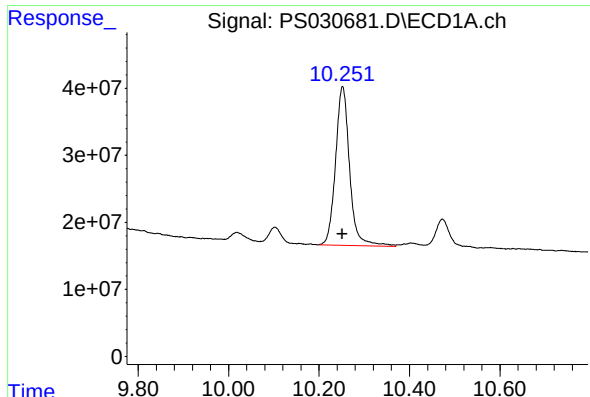
#12 2,4,5-T

R.T.: 9.673 min
Delta R.T.: 0.000 min
Response: 3470500571
Conc: 206.63 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 3100277358
Conc: 219.52 ng/ml



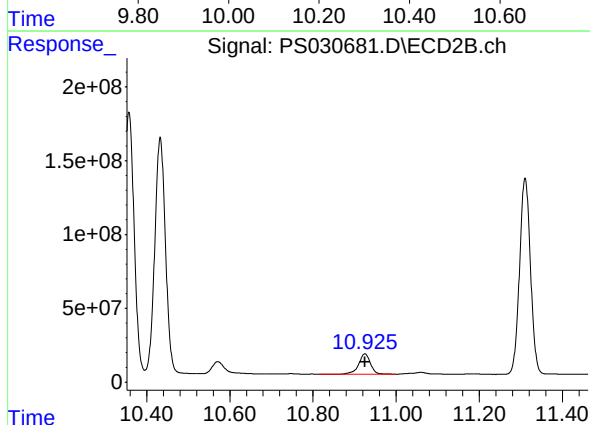
#13 2,4-DB

R.T.: 10.252 min
Delta R.T.: 0.000 min
Response: 510633172
Conc: 206.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

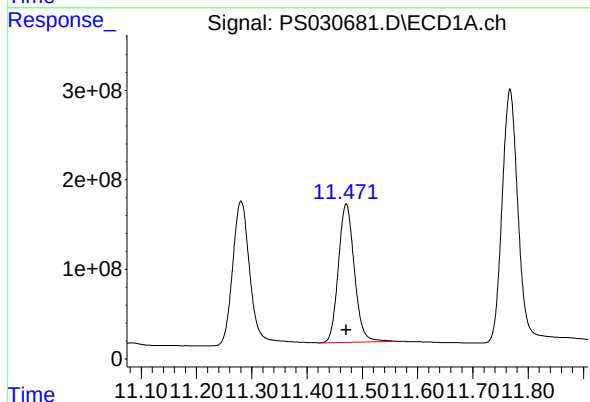
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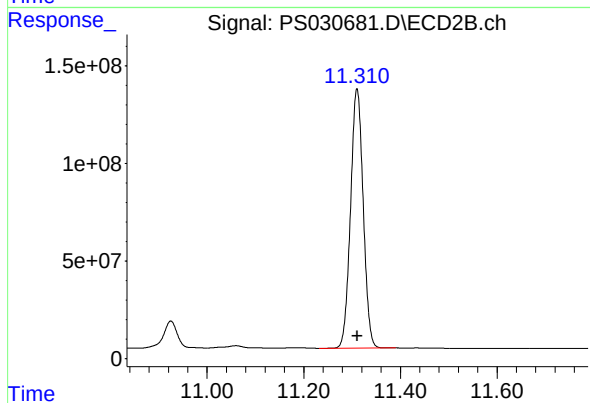
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 272352860
Conc: 224.32 ng/ml



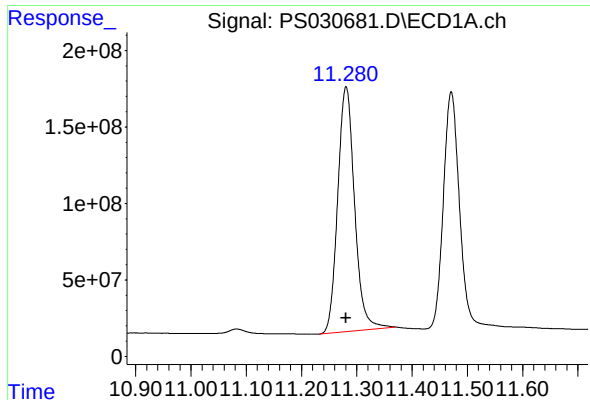
#14 DINOSEB

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 3090327103
Conc: 214.07 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 2416051536
Conc: 216.18 ng/ml



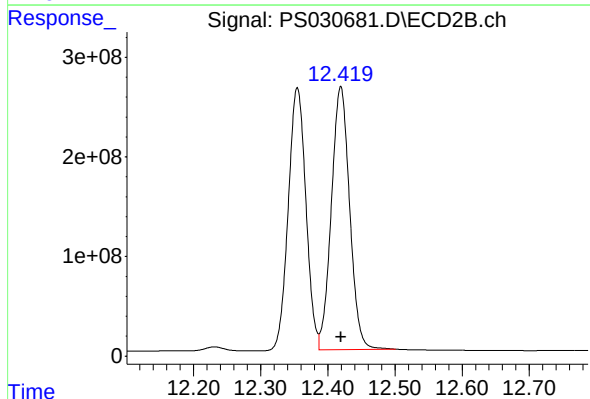
#15 Picloram

R.T.: 11.281 min
Delta R.T.: 0.000 min
Response: 3391796908
Conc: 203.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

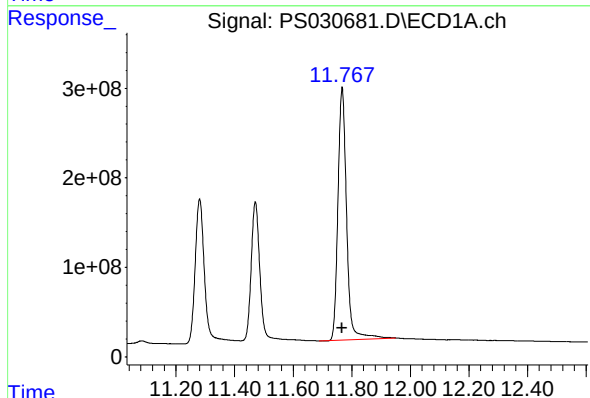
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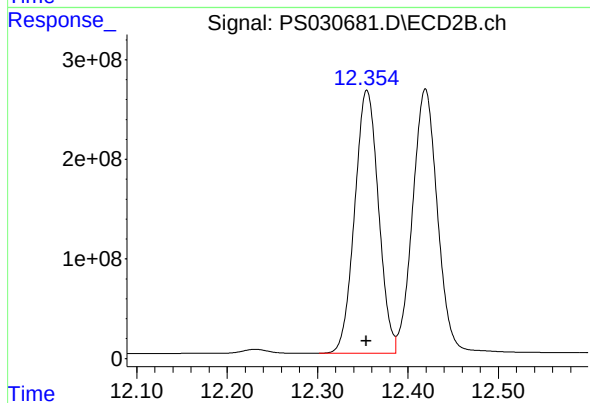
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 4996726037
Conc: 205.79 ng/ml



#16 DCPA

R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 5786485296
Conc: 218.16 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 4827255066
Conc: 219.22 ng/ml m