

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030698.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 17:25
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

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 17 04:14:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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	7.350	7.768	2678.7E6	763.1E6	712.274m	706.812
Target Compounds							
1) T	Dalapon	2.708	2.710	4088.7E6	1818.7E6	653.695	646.283
2) T	3,5-DICHL...	6.509	6.714	3379.1E6	975.5E6	621.500	603.029
3) T	4-Nitroph...	7.150	7.299	1164.3E6	1113.0E6	714.182	652.853
5) T	DICAMBA	7.541	7.971	10726.4E6	4477.3E6	685.586	675.258
6) T	MCPD	7.723	8.070	683.3E6	150.4E6	71.846	68.307
7) T	MCPA	7.874	8.320	914.8E6	212.3E6	76.765	66.214
8) T	DICHLORPROP	8.256	8.690	2513.2E6	1008.0E6	683.809	657.775
9) T	2,4-D	8.488	9.025	2477.4E6	1119.4E6	728.584	667.719
10) T	Pentachlo...	8.797	9.551	38187.9E6	26588.8E6	738.783	700.887
11) T	2,4,5-TP ...	9.378	9.931	14496.6E6	9595.8E6	724.583	668.481
12) T	2,4,5-T	9.672	10.357	13011.8E6	9496.0E6	782.519	688.685
13) T	2,4-DB	10.250	10.925	1985.0E6	791.1E6	803.269m	666.725
14) T	DINOSEB	11.470	11.310	10290.4E6	7382.6E6	726.649	673.755
15) T	Picloram	11.278	12.419	13609.1E6	16630.2E6	815.104	693.625
16) T	DCPA	11.765	12.354	19064.1E6	15014.6E6	733.934	699.149m

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

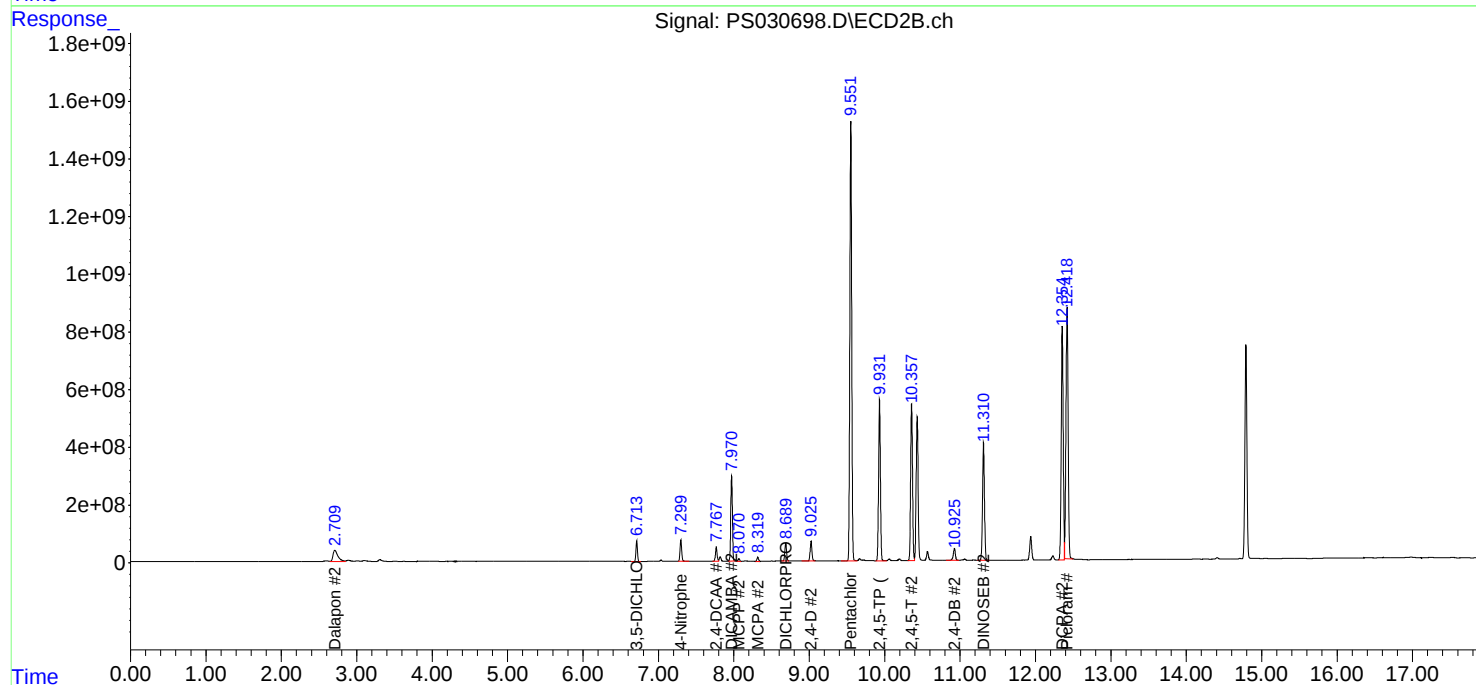
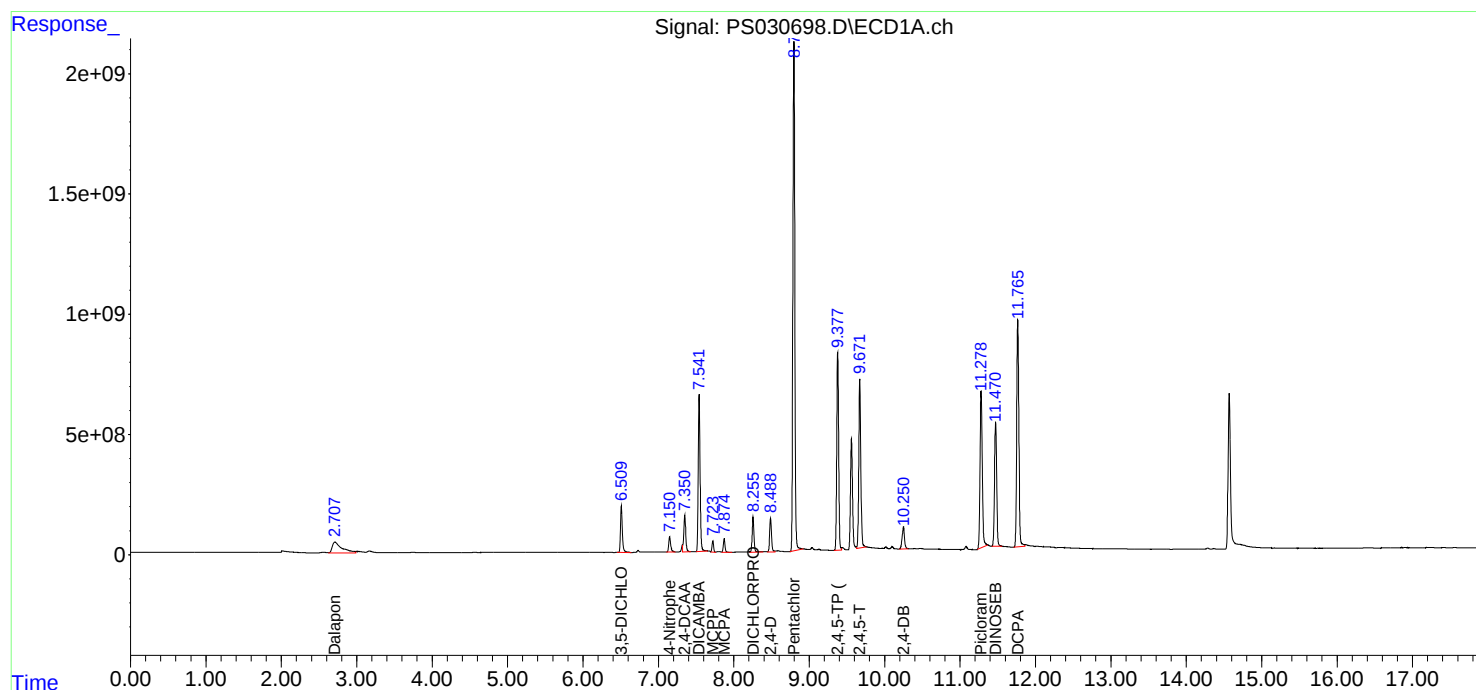
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ClientSampleId :
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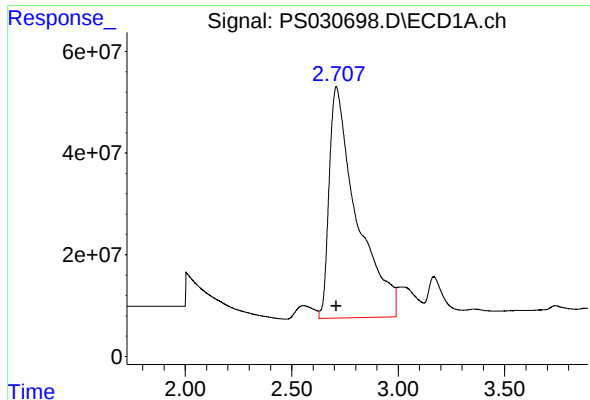
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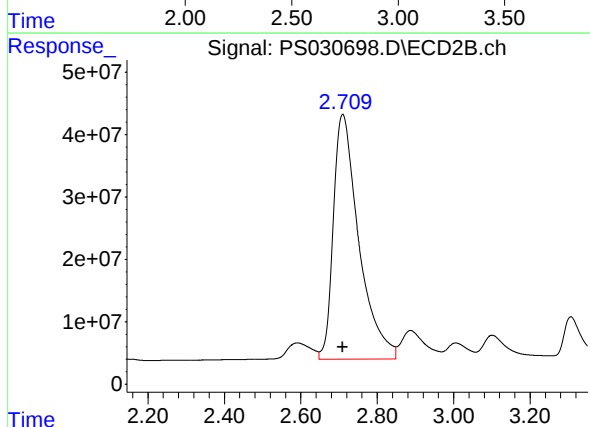
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 4088702195
Conc: 653.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

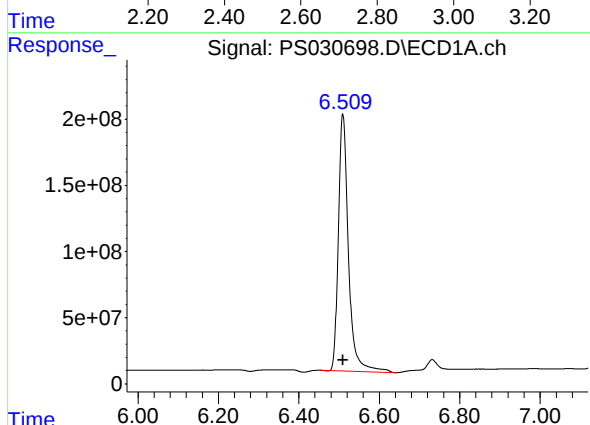
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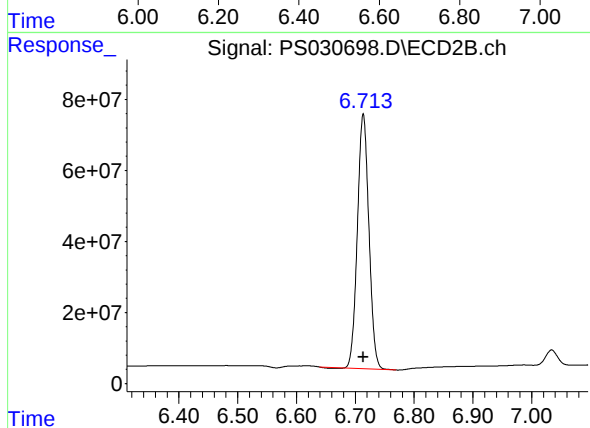
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1818744397
Conc: 646.28 ng/ml



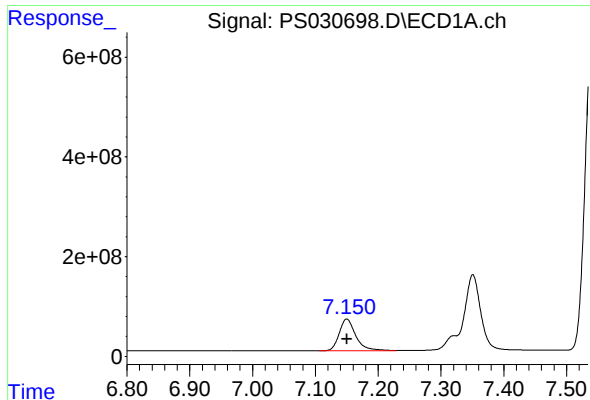
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 3379128488
Conc: 621.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 975508380
Conc: 603.03 ng/ml



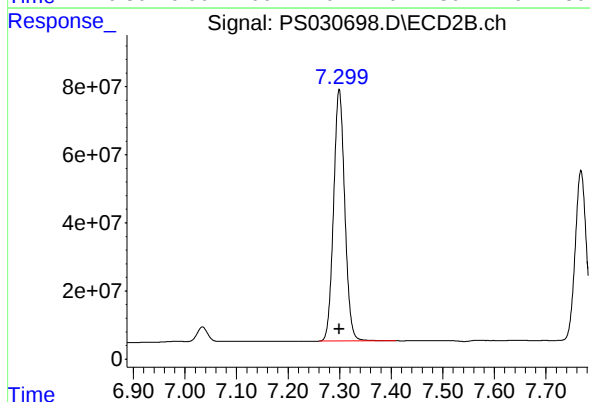
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 1164293935
Conc: 714.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

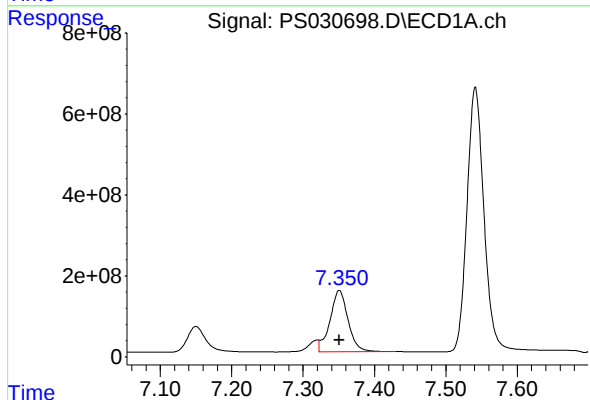
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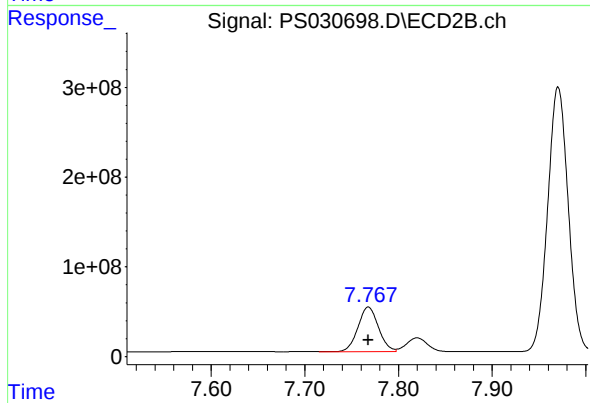
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1113014124
Conc: 652.85 ng/ml



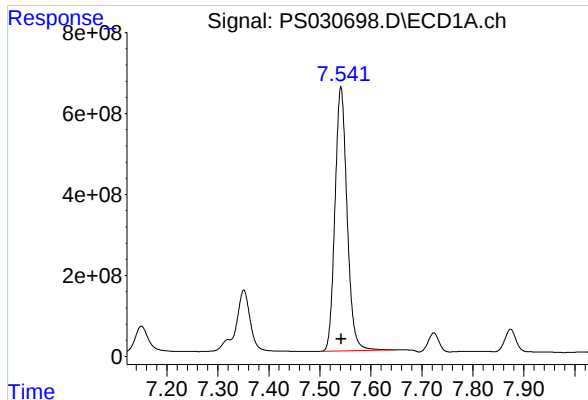
#4 2,4-DCAA

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 2678731060
Conc: 712.27 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 763138339
Conc: 706.81 ng/ml



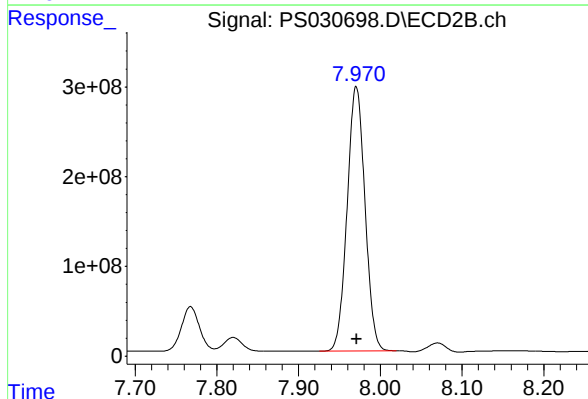
#5 DICAMBA

R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 10726380682
Conc: 685.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

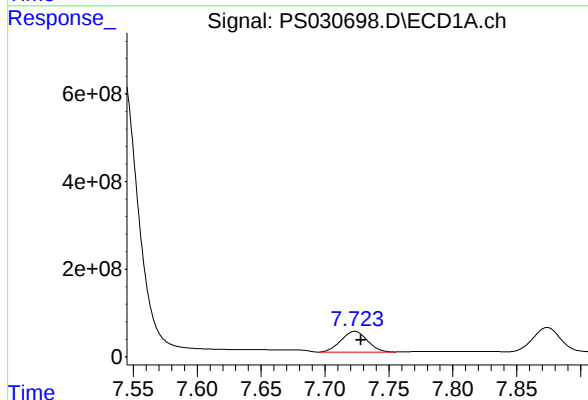
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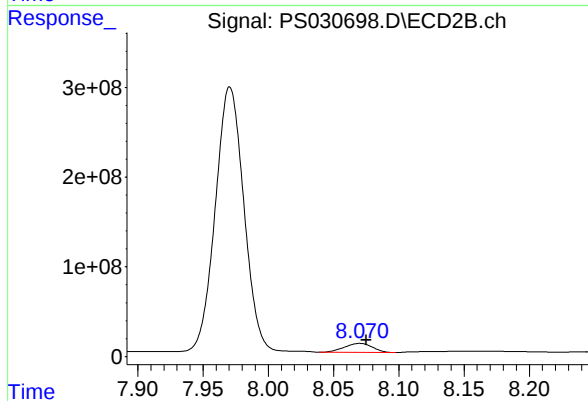
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4477304660
Conc: 675.26 ng/ml



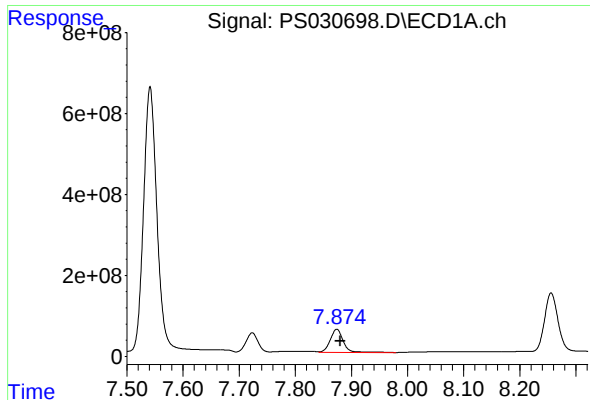
#6 MCPP

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 683316298
Conc: 71.85 ug/ml



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 150369537
Conc: 68.31 ug/ml



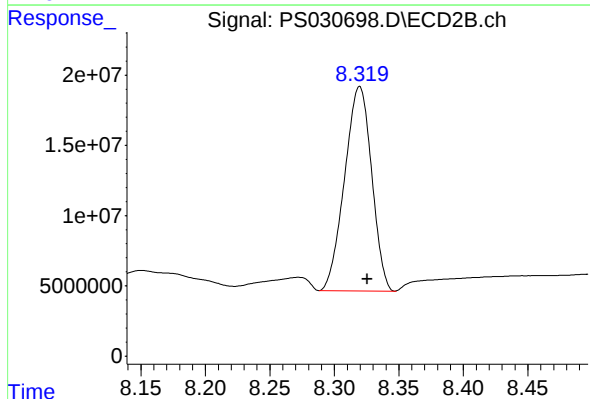
#7 MCPA

R.T.: 7.874 min
Delta R.T.: -0.006 min
Response: 914823523
Conc: 76.77 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

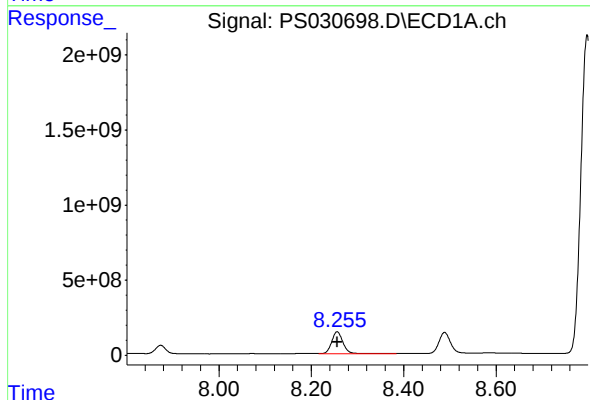
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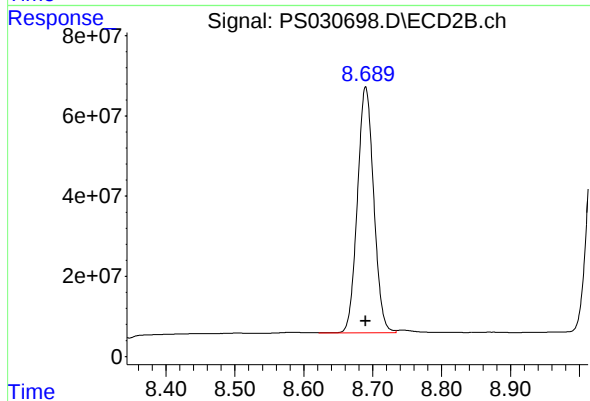
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.006 min
Response: 212286489
Conc: 66.21 ug/ml



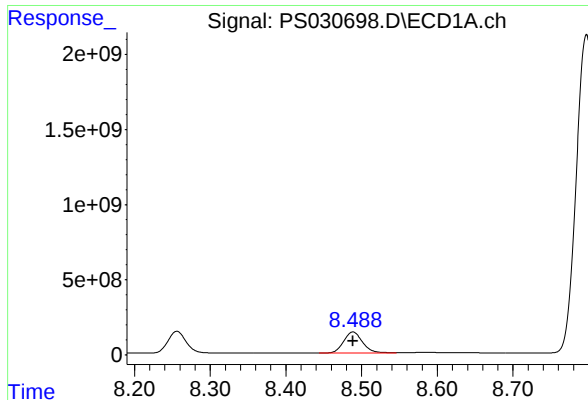
#8 DICHLORPROP

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 2513186428
Conc: 683.81 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1007952750
Conc: 657.78 ng/ml



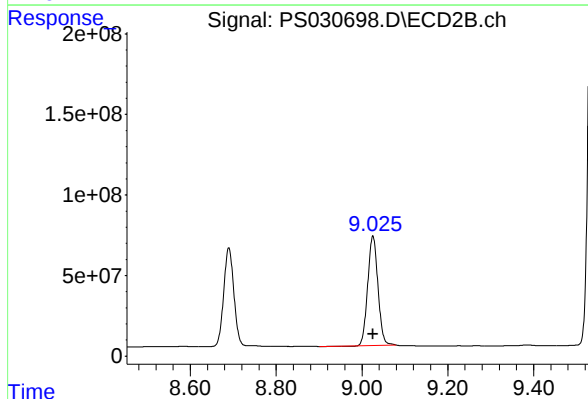
#9 2,4-D

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 2477449882
Conc: 728.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

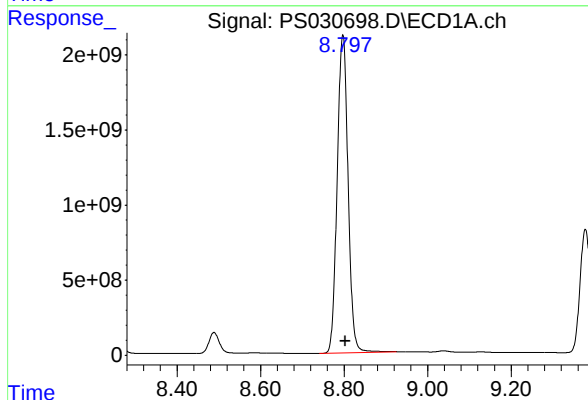
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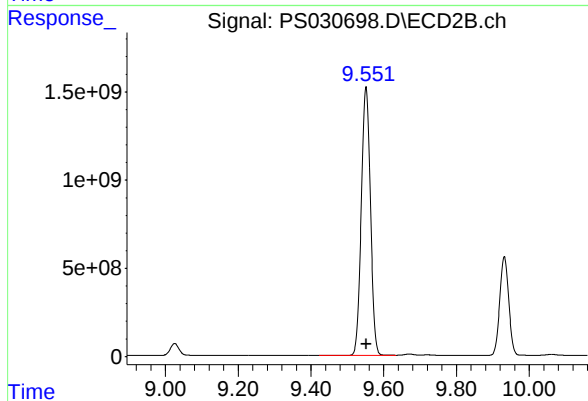
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 1119395297
Conc: 667.72 ng/ml



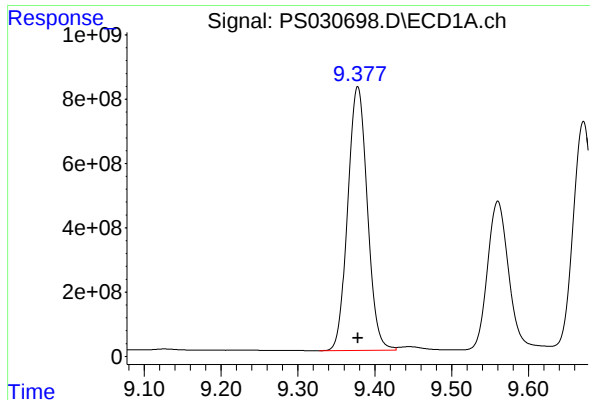
#10 Pentachlorophenol

R.T.: 8.797 min
Delta R.T.: -0.006 min
Response: 38187941711
Conc: 738.78 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 26588832735
Conc: 700.89 ng/ml



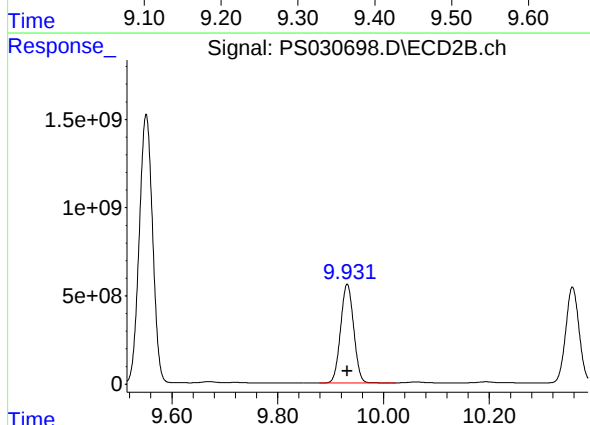
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 14496612224
Conc: 724.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

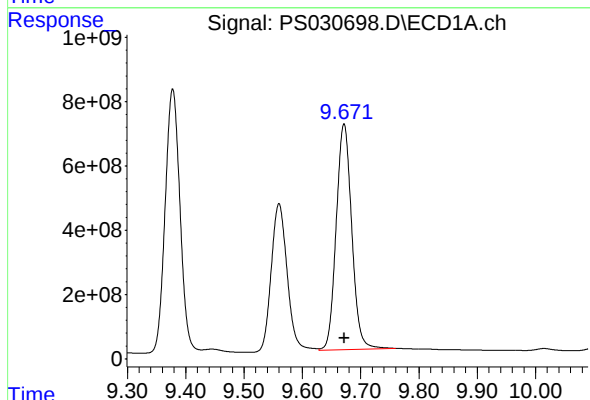
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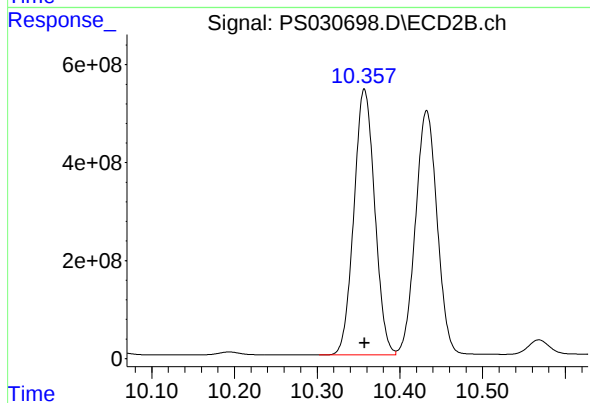
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 9595773428
Conc: 668.48 ng/ml



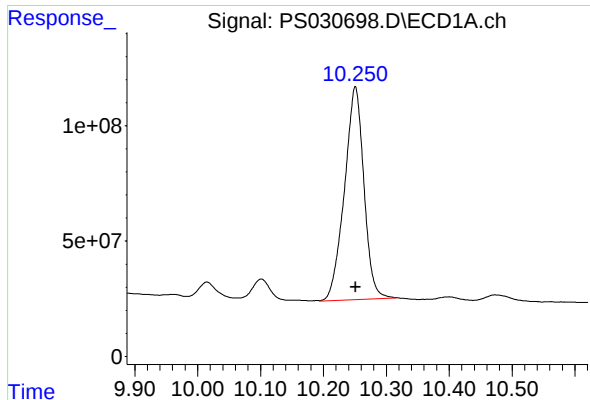
#12 2,4,5-T

R.T.: 9.672 min
Delta R.T.: 0.000 min
Response: 13011764543
Conc: 782.52 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 9495967836
Conc: 688.69 ng/ml



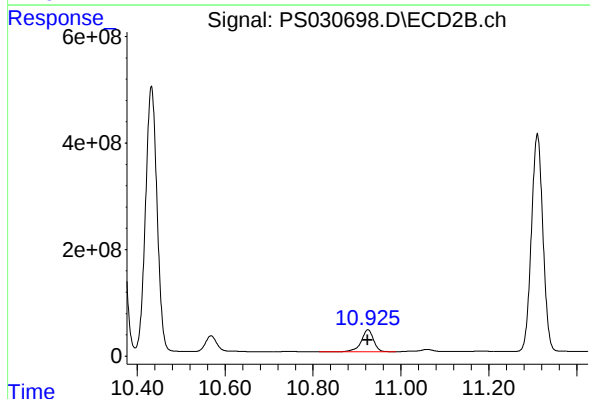
#13 2,4-DB

R.T.: 10.250 min
Delta R.T.: 0.000 min
Response: 1985004122
Conc: 803.27 ng/ml

Instrument :
ECD_S
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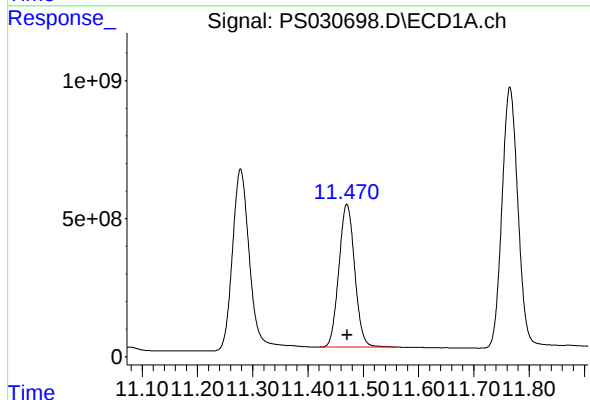
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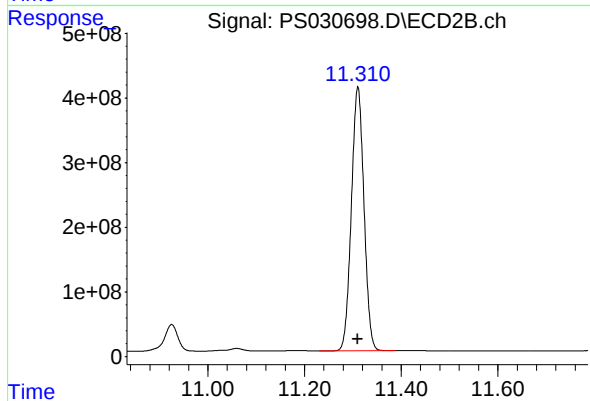
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 791106482
Conc: 666.72 ng/ml



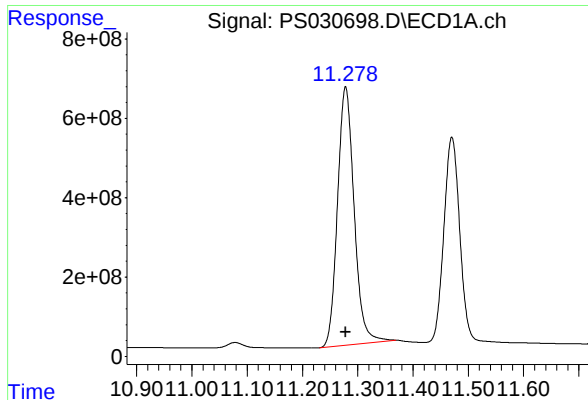
#14 DINOSEB

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 10290353576
Conc: 726.65 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 7382598212
Conc: 673.76 ng/ml



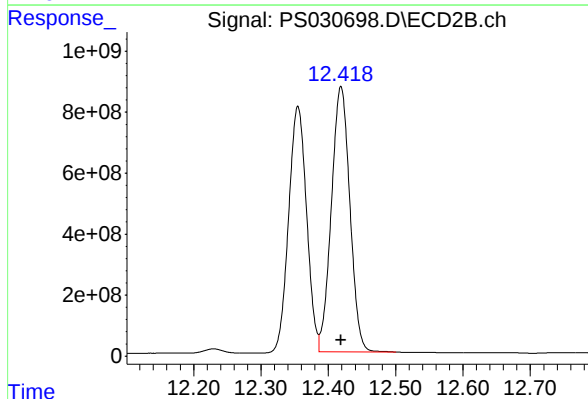
#15 Picloram

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 13609140509
Conc: 815.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
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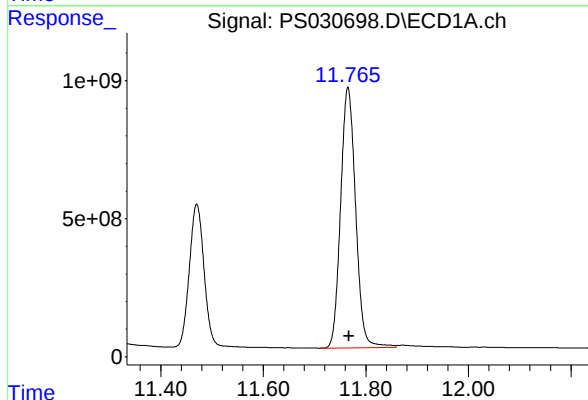
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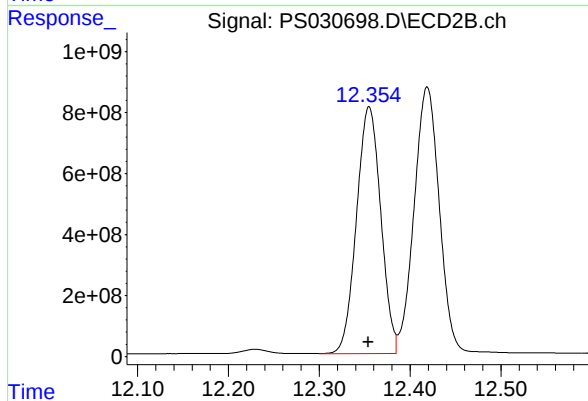
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 16630241687
Conc: 693.62 ng/ml



#16 DCPA

R.T.: 11.765 min
Delta R.T.: -0.002 min
Response: 19064052920
Conc: 733.93 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 15014625861
Conc: 699.15 ng/ml m