

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081325\
 Data File : PS031429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2025 09:39
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/14/2025
 Supervised By :mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 03:07:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.292	7.746	2598.9E6	555.6E6	818.802	657.302
Target Compounds							
1) T	Dalapon	2.676	2.696	3249.9E6	1558.0E6	619.149	585.495
2) T	3,5-DICHL...	6.459	6.697	3179.4E6	829.1E6	673.843	613.239
3) T	4-Nitroph...	7.096	7.289	792.6E6	736.7E6	768.227m	586.150
5) T	DICAMBA	7.479	7.945	9549.7E6	3576.6E6	683.757	629.385
6) T	MCPD	7.658	8.042	563.8E6	115.2E6	70.084	65.181
7) T	MCPA	7.807	8.290	677.0E6	168.4E6	67.965	60.034
8) T	DICHLORPROP	8.187	8.663	2156.1E6	828.2E6	679.638	620.385
9) T	2,4-D	8.421	9.002	2068.6E6	875.3E6	719.058	613.242
10) T	Pentachlo...	8.719	9.515	35135.7E6	22727.9E6	731.805	652.569
11) T	2,4,5-TP ...	9.297	9.900	12908.7E6	8372.7E6	720.204	638.354
12) T	2,4,5-T	9.592	10.328	11236.3E6	7562.4E6	766.919	638.732
13) T	2,4-DB	10.167	10.896	1510.8E6	589.1E6	786.179	610.557
14) T	DINOSEB	11.371	11.276	9246.1E6	6069.4E6	729.275	641.797
15) T	Picloram	11.193	12.393	10217.2E6	11154.9E6	782.681	636.340
16) T	DCPA	11.669	12.318	16748.1E6	12903.8E6	735.234	655.000

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

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Acq On : 13 Aug 2025 09:39
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

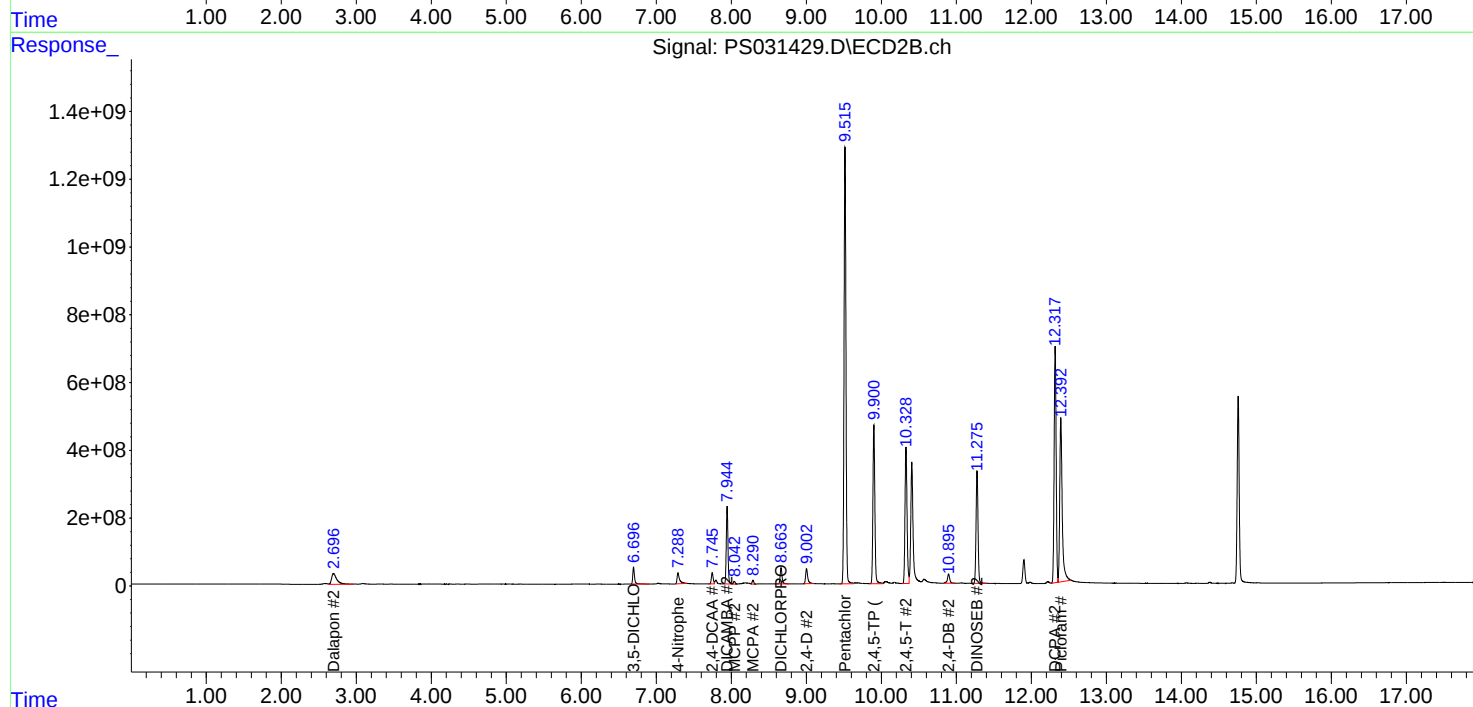
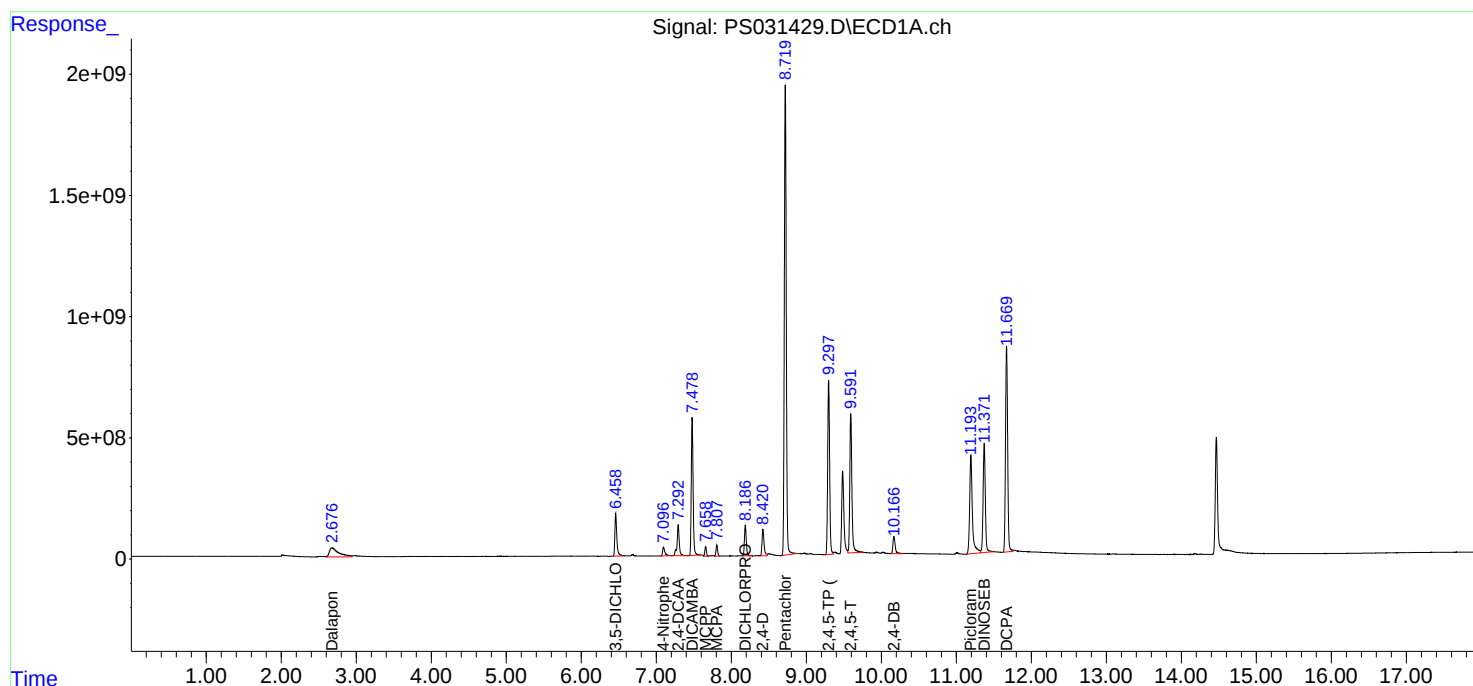
Instrument :
ECD_S
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HSTDCCC750

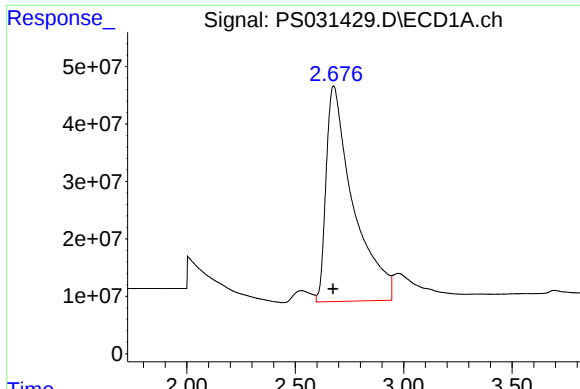
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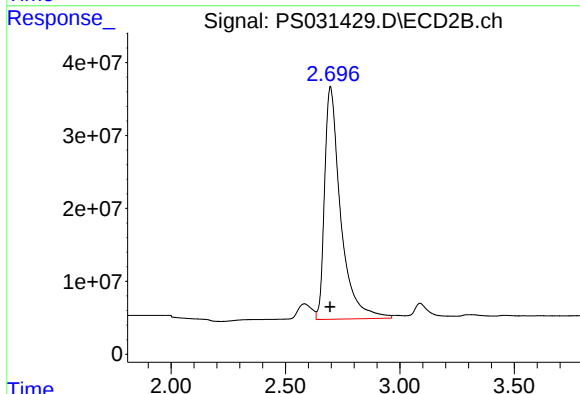
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: 0.002 min
Response: 3249872910
Conc: 619.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

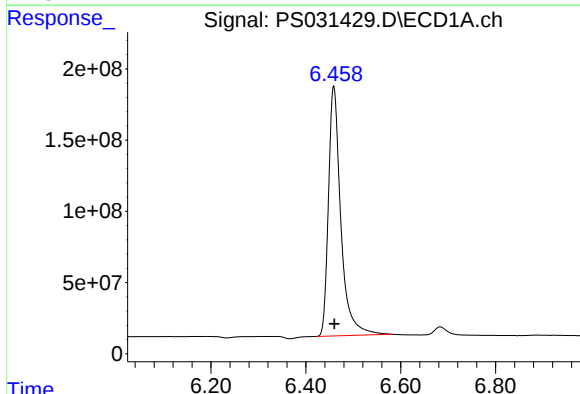
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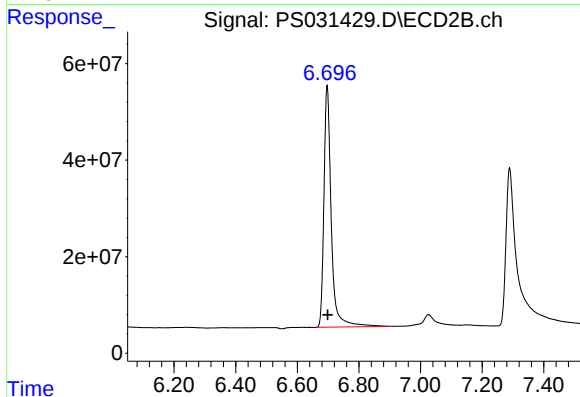
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: 0.001 min
Response: 1558008367
Conc: 585.49 ng/ml



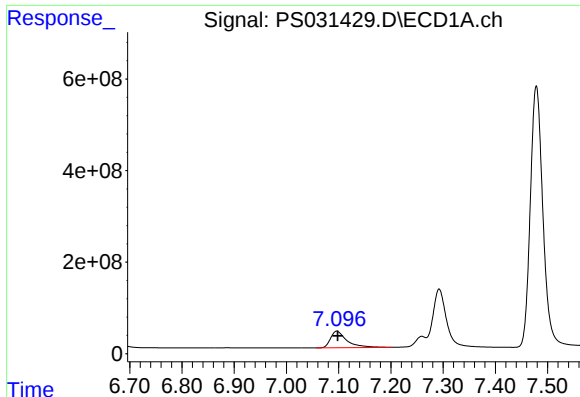
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 3179402681
Conc: 673.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 829056566
Conc: 613.24 ng/ml



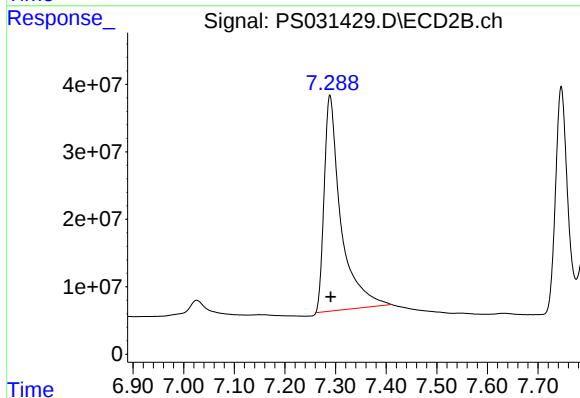
#3 4-Nitrophenol

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 792564616
Conc: 768.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

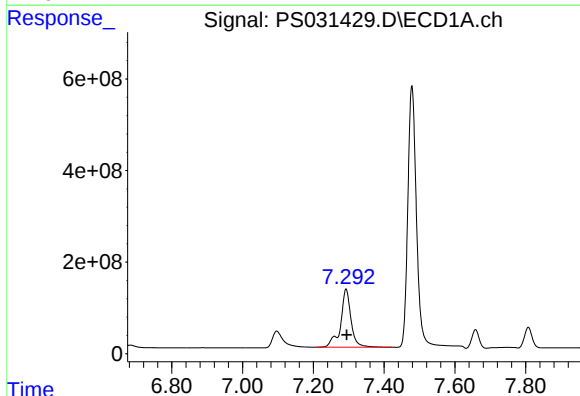
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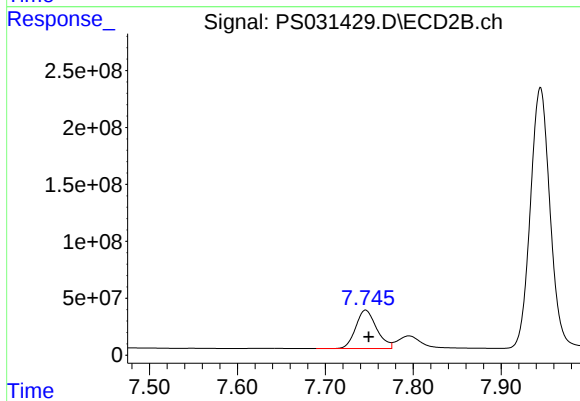
#3 4-Nitrophenol

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 736726220
Conc: 586.15 ng/ml



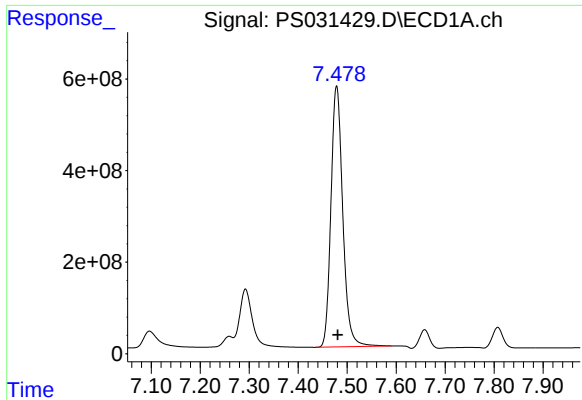
#4 2,4-DCAA

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 2598867743
Conc: 818.80 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: -0.003 min
Response: 555643157
Conc: 657.30 ng/ml



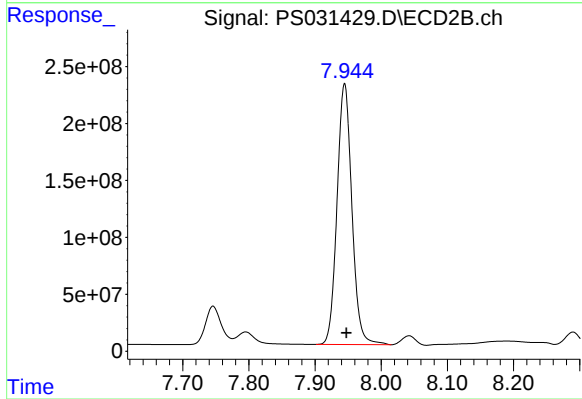
#5 DICAMBA

R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 9549674909
Conc: 683.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

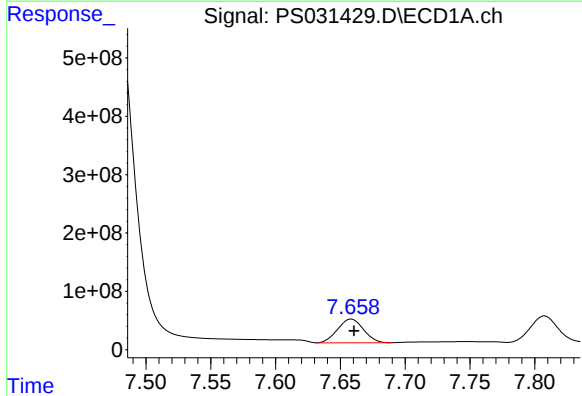
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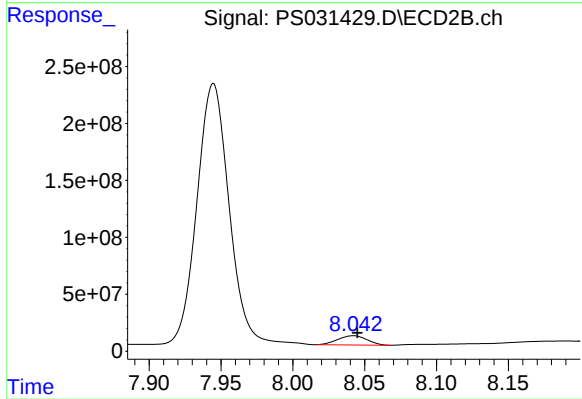
#5 DICAMBA

R.T.: 7.945 min
Delta R.T.: -0.003 min
Response: 3576598789
Conc: 629.38 ng/ml



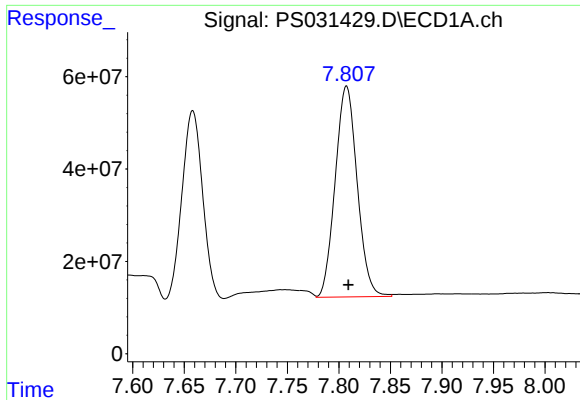
#6 MCPP

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 563812876
Conc: 70.08 ug/ml



#6 MCPP

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 115228882
Conc: 65.18 ug/ml



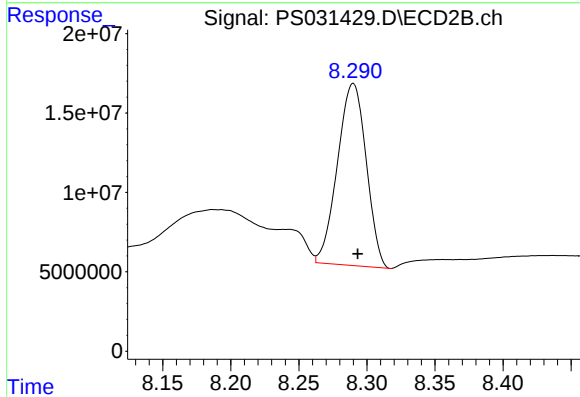
#7 MCPA

R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 677019767
Conc: 67.96 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

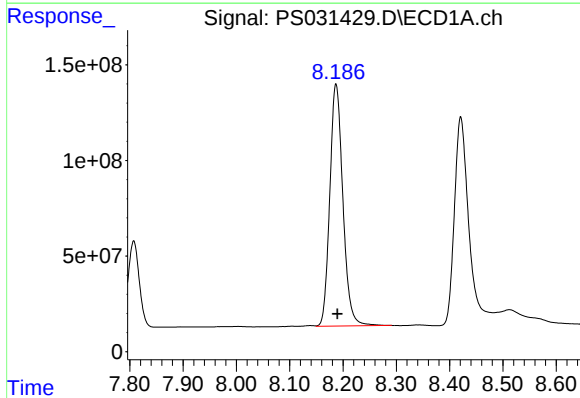
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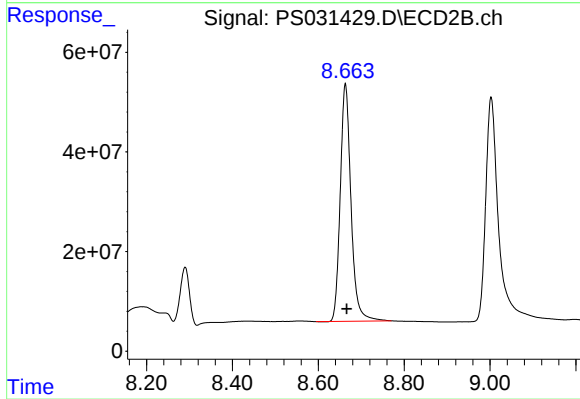
#7 MCPA

R.T.: 8.290 min
Delta R.T.: -0.003 min
Response: 168425240
Conc: 60.03 ug/ml



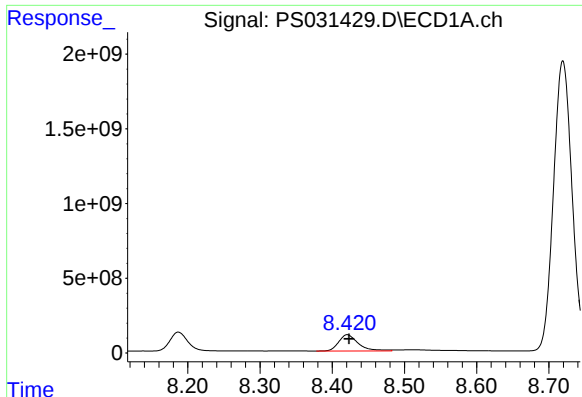
#8 DICHLORPROP

R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 2156103384
Conc: 679.64 ng/ml



#8 DICHLORPROP

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 828233929
Conc: 620.38 ng/ml



#9 2,4-D

R.T.: 8.421 min
Delta R.T.: -0.003 min
Response: 2068596199
Conc: 719.06 ng/ml

Instrument :

ECD_S

ClientSampleId :

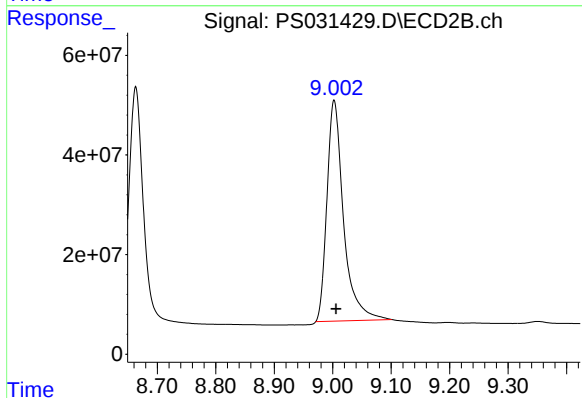
HSTDCCC750

Manual Integrations

APPROVED

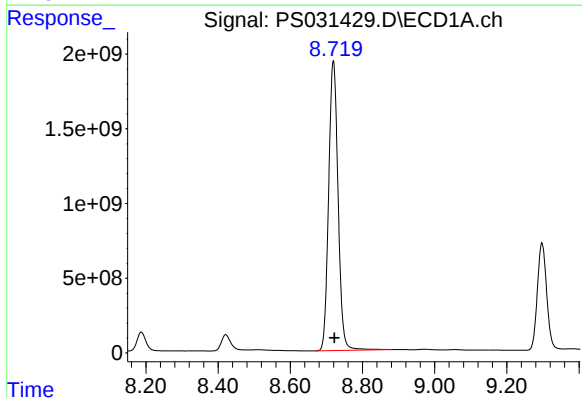
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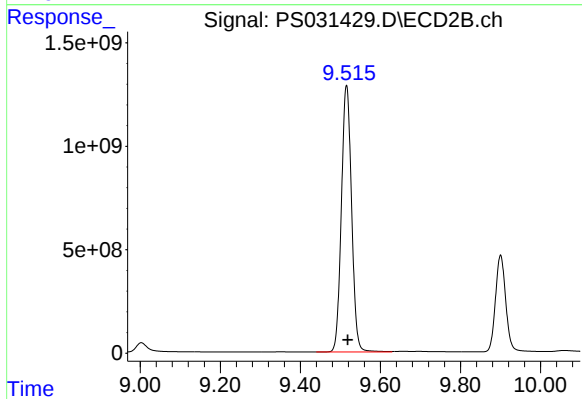
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: -0.003 min
Response: 875272624
Conc: 613.24 ng/ml



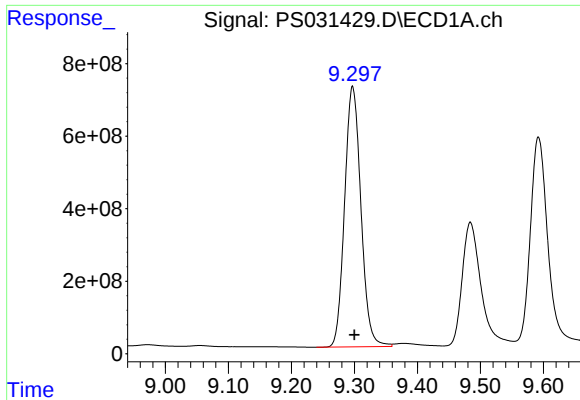
#10 Pentachlorophenol

R.T.: 8.719 min
Delta R.T.: -0.003 min
Response: 35135707927
Conc: 731.80 ng/ml



#10 Pentachlorophenol

R.T.: 9.515 min
Delta R.T.: -0.003 min
Response: 22727942280
Conc: 652.57 ng/ml



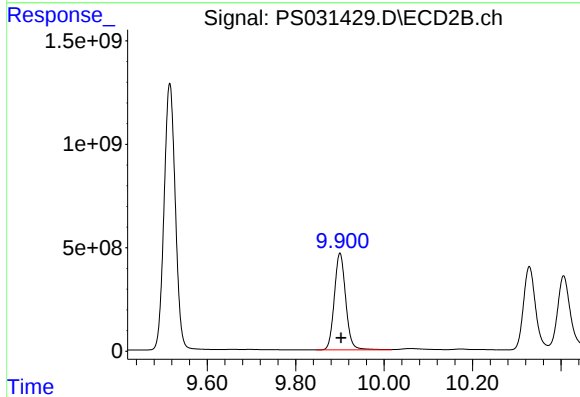
#11 2,4,5-TP (SILVEX)

R.T.: 9.297 min
Delta R.T.: -0.003 min
Response: 12908721632
Conc: 720.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

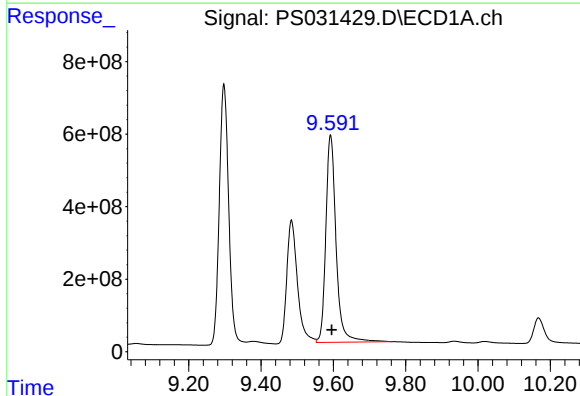
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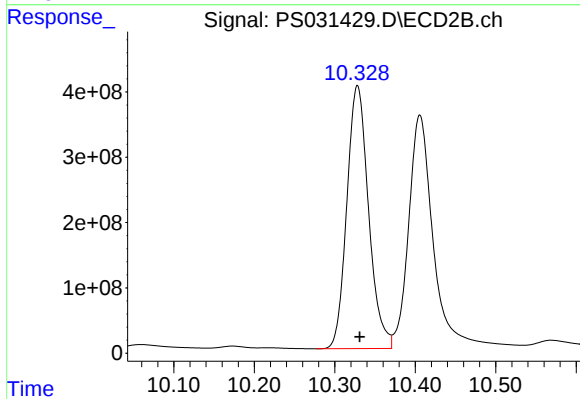
#11 2,4,5-TP (SILVEX)

R.T.: 9.900 min
Delta R.T.: -0.003 min
Response: 8372666038
Conc: 638.35 ng/ml



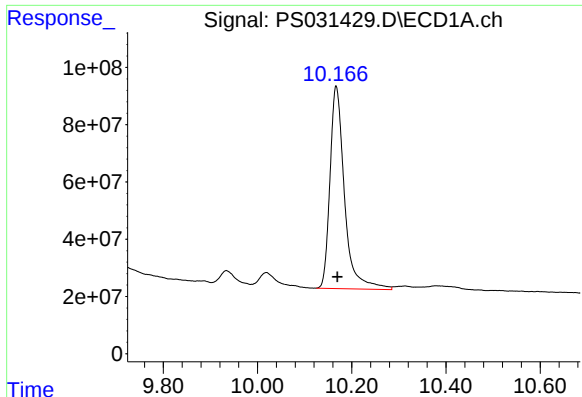
#12 2,4,5-T

R.T.: 9.592 min
Delta R.T.: -0.003 min
Response: 11236309937
Conc: 766.92 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 7562434235
Conc: 638.73 ng/ml



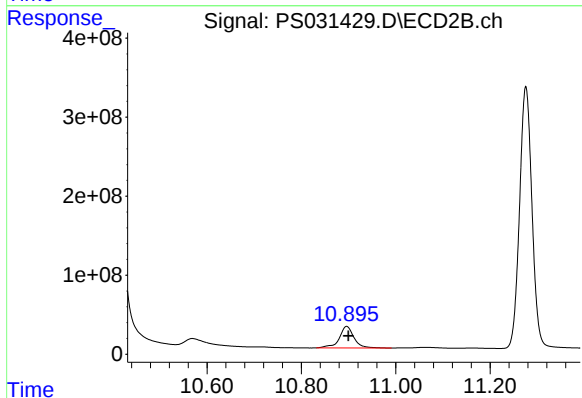
#13 2,4-DB

R.T.: 10.167 min
Delta R.T.: -0.003 min
Response: 1510816286
Conc: 786.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

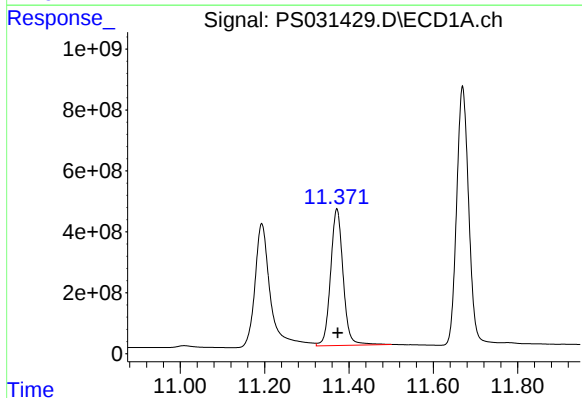
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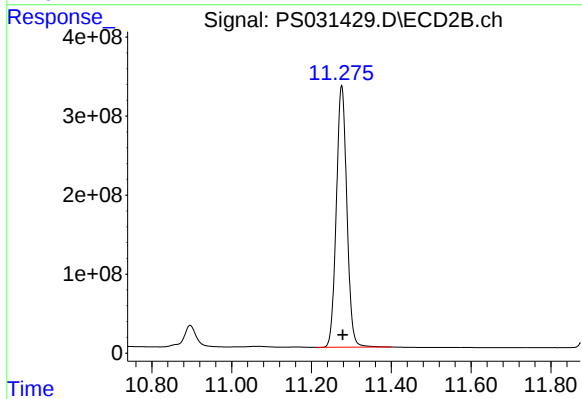
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: -0.003 min
Response: 589093514
Conc: 610.56 ng/ml



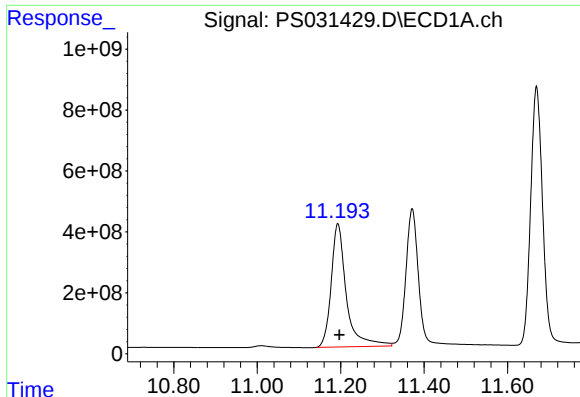
#14 DINOSEB

R.T.: 11.371 min
Delta R.T.: -0.002 min
Response: 9246089824
Conc: 729.27 ng/ml



#14 DINOSEB

R.T.: 11.276 min
Delta R.T.: -0.003 min
Response: 6069438679
Conc: 641.80 ng/ml



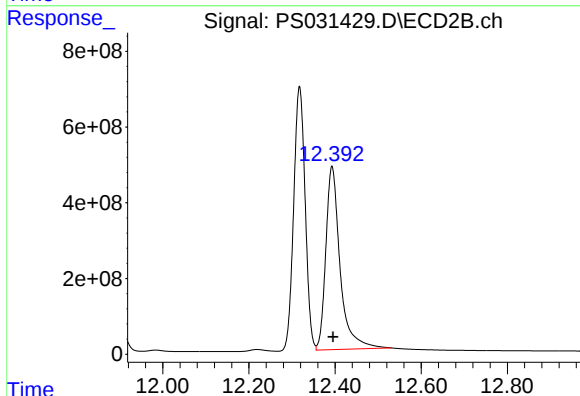
#15 Picloram

R.T.: 11.193 min
Delta R.T.: -0.004 min
Response: 10217239028
Conc: 782.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

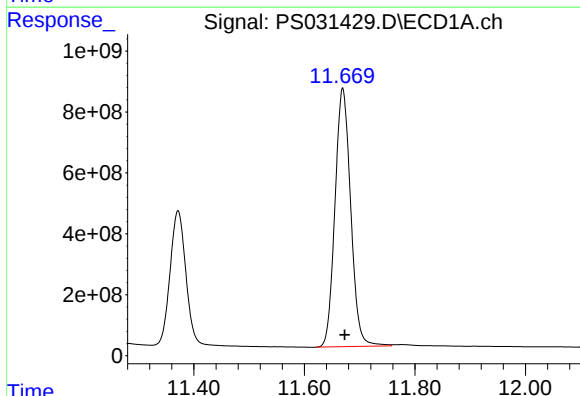
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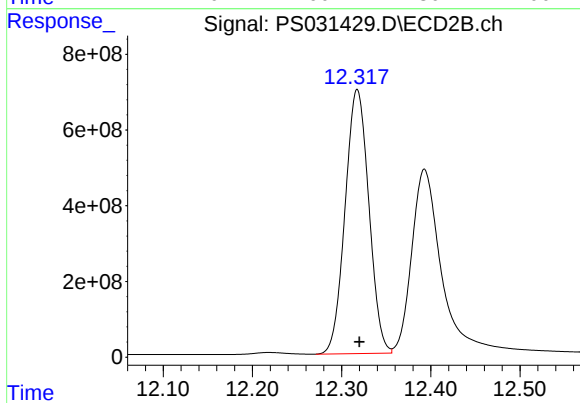
#15 Picloram

R.T.: 12.393 min
Delta R.T.: -0.003 min
Response: 11154867659
Conc: 636.34 ng/ml



#16 DCPA

R.T.: 11.669 min
Delta R.T.: -0.003 min
Response: 16748128734
Conc: 735.23 ng/ml



#16 DCPA

R.T.: 12.318 min
Delta R.T.: -0.002 min
Response: 12903761952
Conc: 655.00 ng/ml