

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090825\
 Data File : PS031650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 20:24
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/09/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 04:00:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090825.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 03:37:51 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	7.283	7.741	2612.1E6	626.2E6	710.872m	740.954
Target Compounds							
1) T	Dalapon	2.673	2.691	3743.7E6	1847.0E6	654.732	664.635
2) T	3,5-DICHL...	6.451	6.693	3673.2E6	1037.0E6	666.774	680.042
3) T	4-Nitroph...	7.097	7.296	747.4E6	759.2E6	708.192	697.527
5) T	DICAMBA	7.467	7.936	11067.2E6	4417.8E6	679.380	692.192
6) T	MCPD	7.644	8.033	656.4E6	140.5E6	73.560	73.896
7) T	MCPA	7.793	8.280	772.8E6	193.3E6	70.821	72.290
8) T	DICHLORPROP	8.175	8.656	2447.5E6	999.9E6	672.353	684.229
9) T	2,4-D	8.412	8.999	2587.2E6	1060.1E6	703.342	711.079
10) T	Pentachlo...	8.706	9.505	40353.8E6	28386.2E6	730.005	720.438
11) T	2,4,5-TP ...	9.283	9.890	14814.1E6	10304.6E6	687.048	703.819
12) T	2,4,5-T	9.582	10.320	12739.8E6	8769.3E6	706.727	725.388
13) T	2,4-DB	10.157	10.889	1484.9E6	589.4E6	749.795	766.298
14) T	DINOSEB	11.352	11.263	10973.9E6	7463.2E6	679.870	692.279
15) T	Picloram	11.187	12.388	9518.8E6	12860.5E6	743.085	779.025
16) T	DCPA	11.650	12.303	19212.8E6	17037.5E6	697.954	716.346

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

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Acq On : 08 Sep 2025 20:24
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

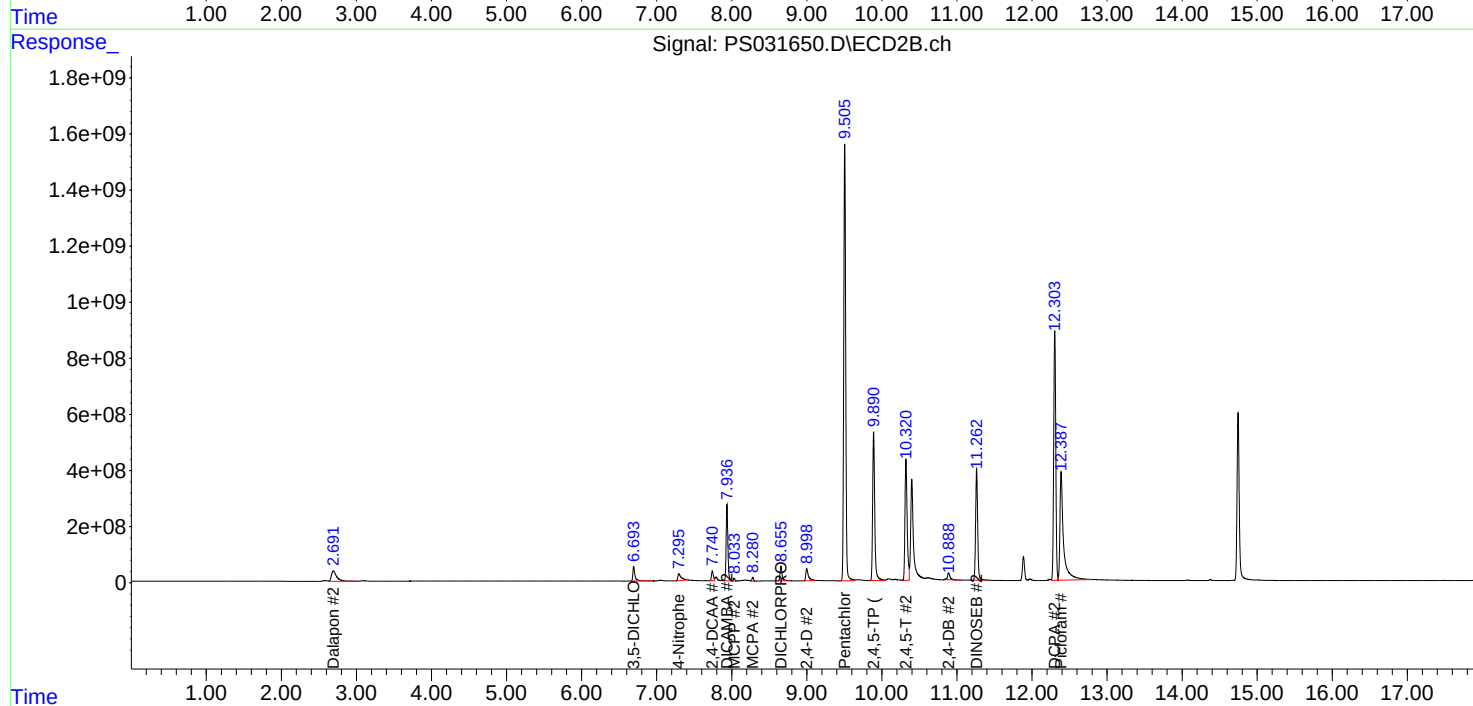
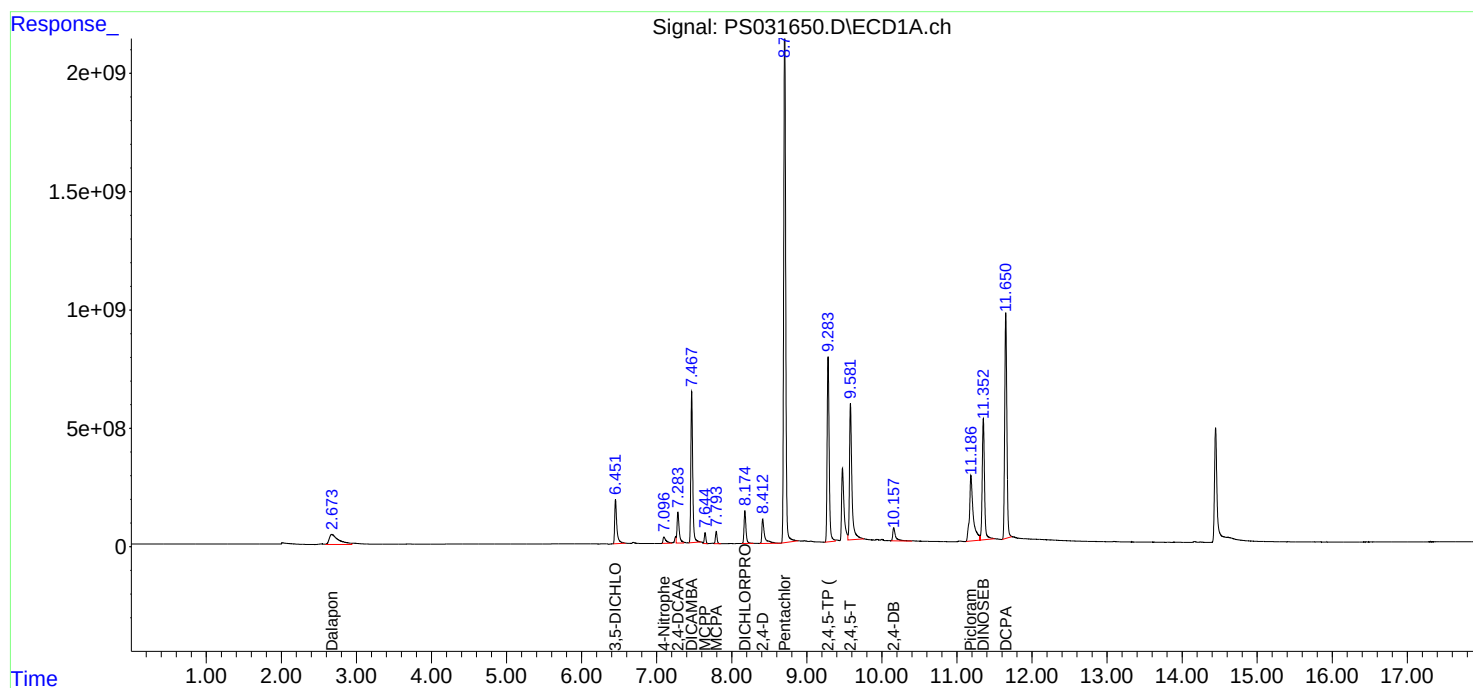
Instrument :
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ClientSampleId :
HSTDCCC750

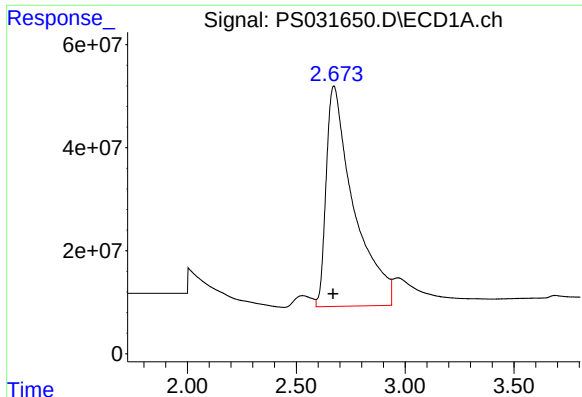
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.004 min
Response: 3743717441
Conc: 654.73 ng/ml

Instrument :

ECD_S

ClientSampleId :

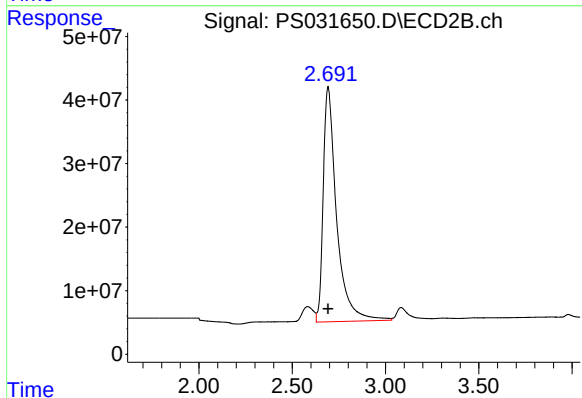
HSTDCCC750

Manual Integrations

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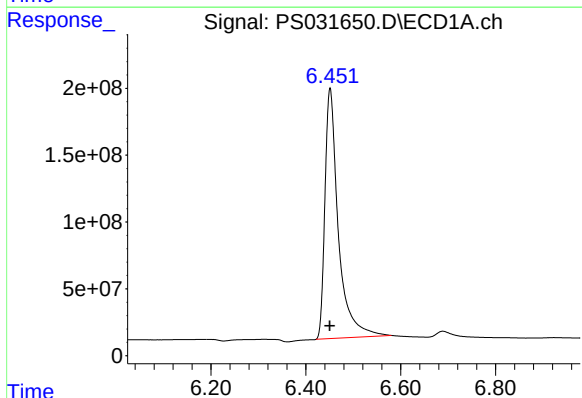
Reviewed By :Abdul Mirza 09/09/2025

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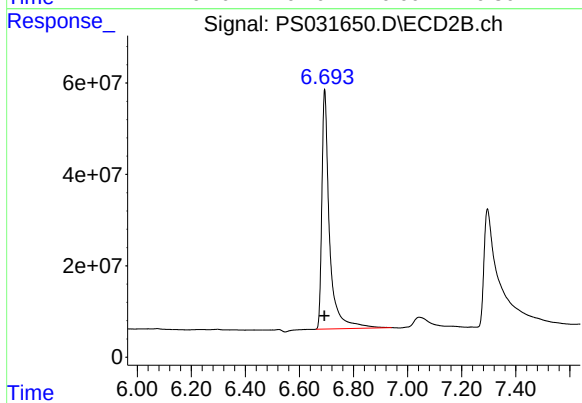
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1847028341
Conc: 664.63 ng/ml



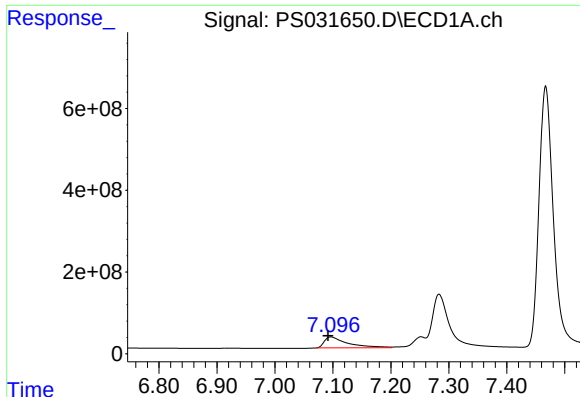
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 3673218508
Conc: 666.77 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.002 min
Response: 1036952924
Conc: 680.04 ng/ml



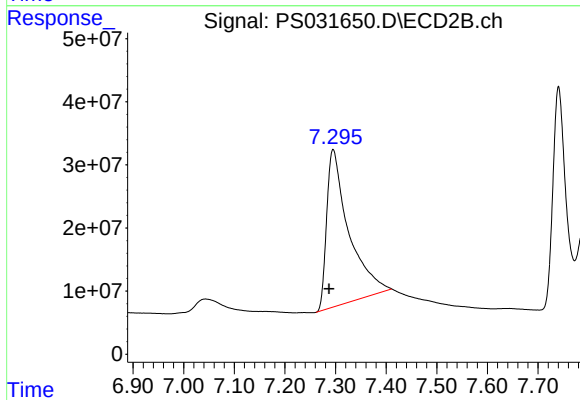
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: 0.005 min
Response: 747395994
Conc: 708.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

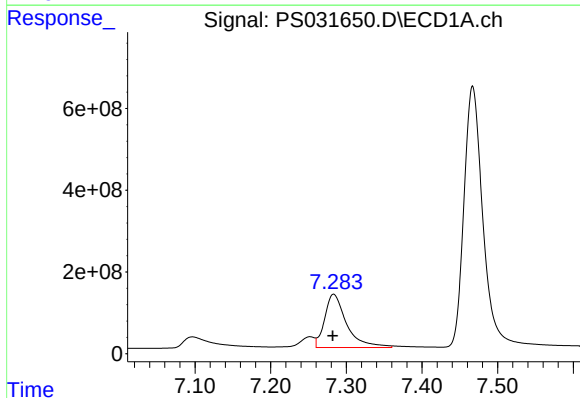
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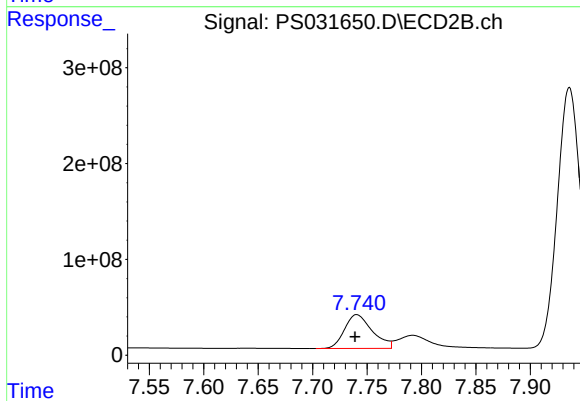
#3 4-Nitrophenol

R.T.: 7.296 min
Delta R.T.: 0.008 min
Response: 759151081
Conc: 697.53 ng/ml



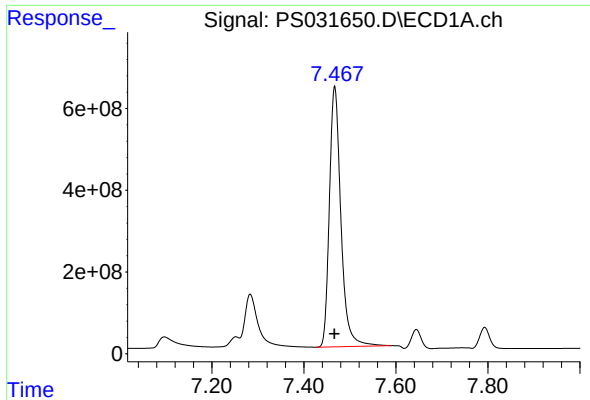
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 2612143135
Conc: 710.87 ng/ml m



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 626248988
Conc: 740.95 ng/ml



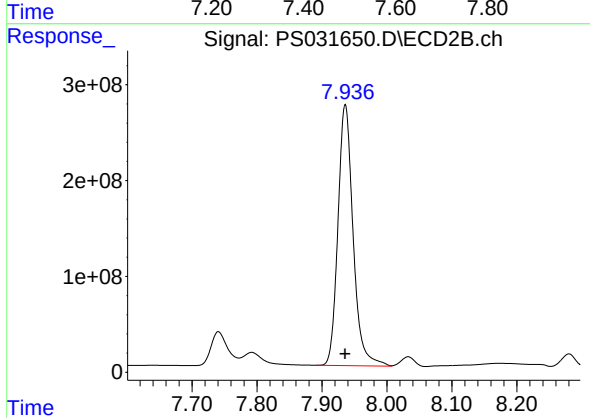
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 11067241434
Conc: 679.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

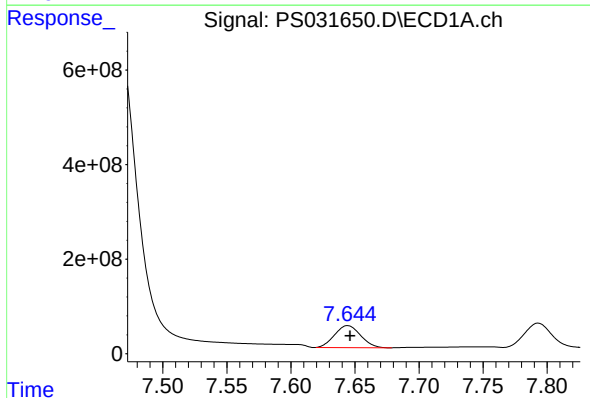
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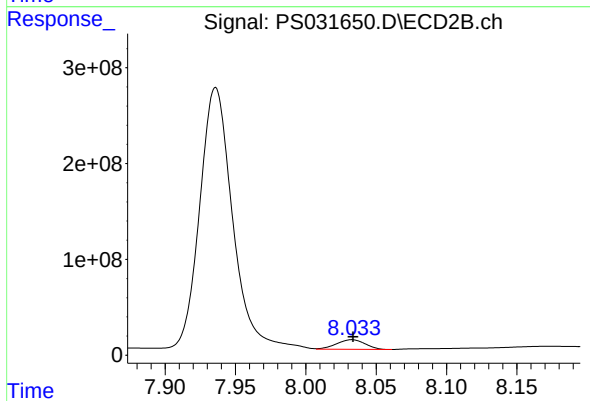
#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 4417764941
Conc: 692.19 ng/ml



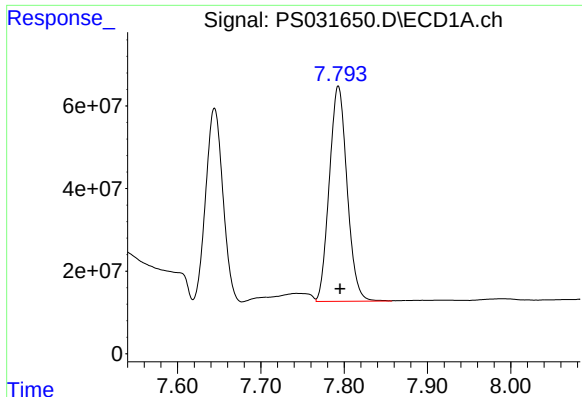
#6 MCPP

R.T.: 7.644 min
Delta R.T.: -0.002 min
Response: 656356164
Conc: 73.56 ug/ml



#6 MCPP

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 140468851
Conc: 73.90 ug/ml



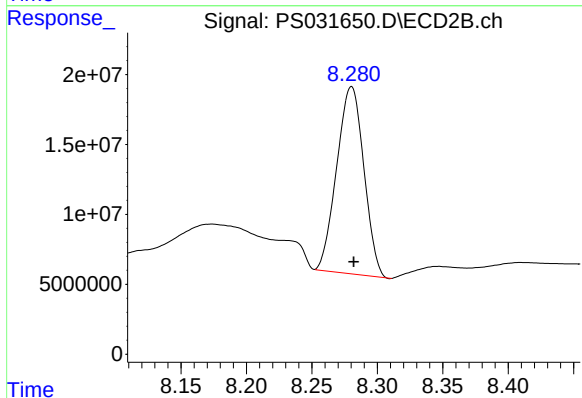
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.002 min
Response: 772826114
Conc: 70.82 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

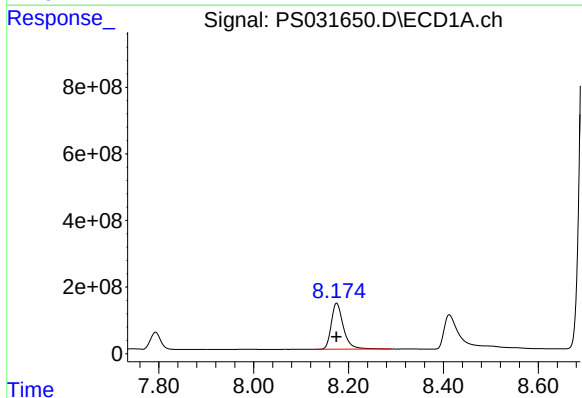
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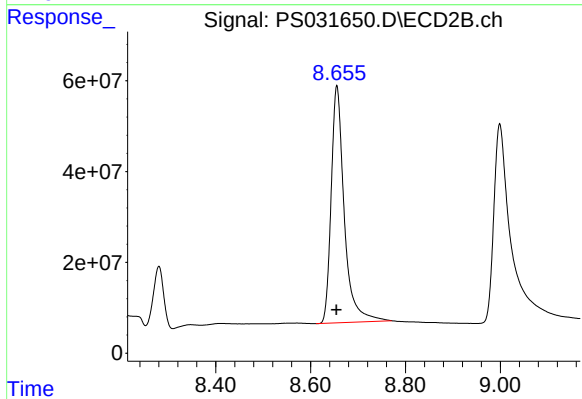
#7 MCPA

R.T.: 8.280 min
Delta R.T.: -0.002 min
Response: 193260009
Conc: 72.29 ug/ml



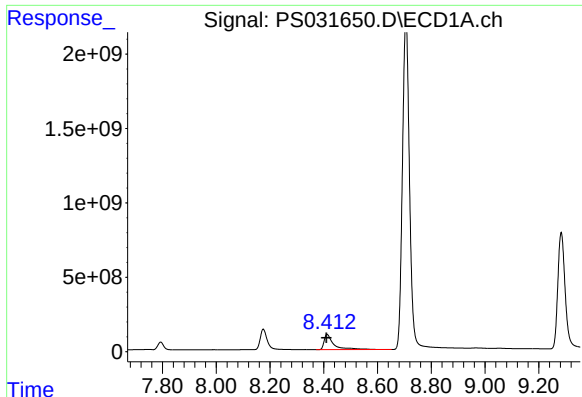
#8 DICHLORPROP

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 2447533035
Conc: 672.35 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.001 min
Response: 999893206
Conc: 684.23 ng/ml



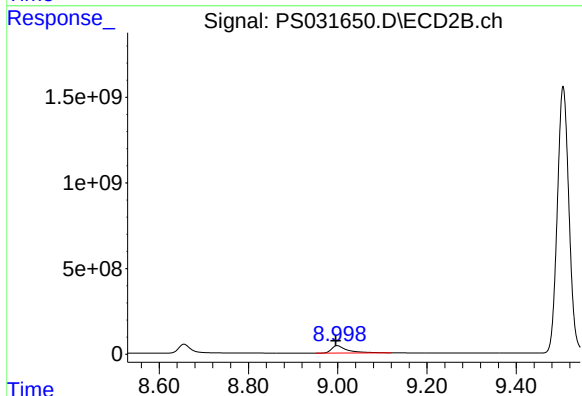
#9 2,4-D

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 2587212613
Conc: 703.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

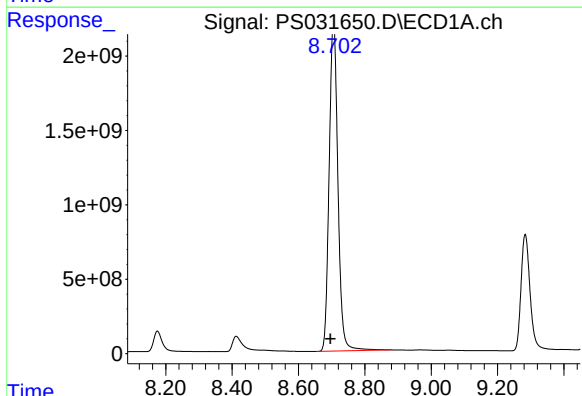
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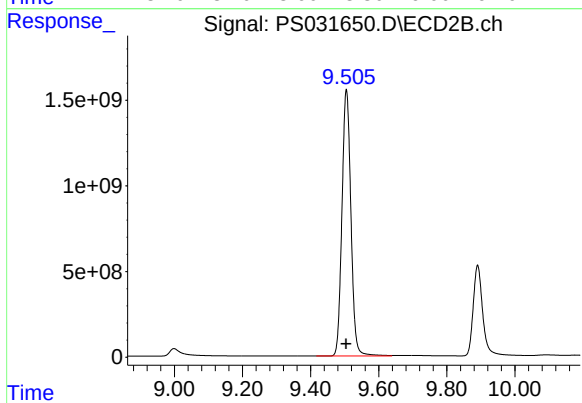
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: 0.003 min
Response: 1060084815
Conc: 711.08 ng/ml



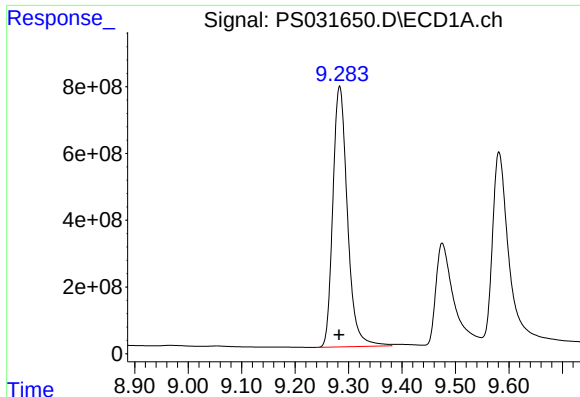
#10 Pentachlorophenol

R.T.: 8.706 min
Delta R.T.: 0.009 min
Response: 40353790049
Conc: 730.01 ng/ml



#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: 0.000 min
Response: 28386188714
Conc: 720.44 ng/ml



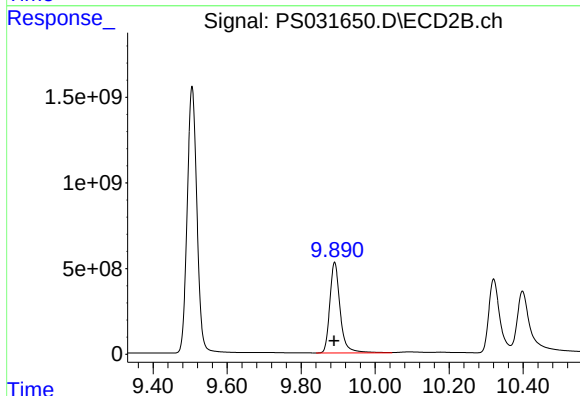
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: 0.000 min
Response: 14814090048
Conc: 687.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

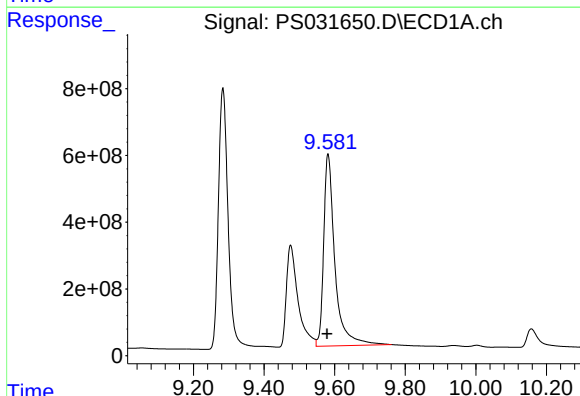
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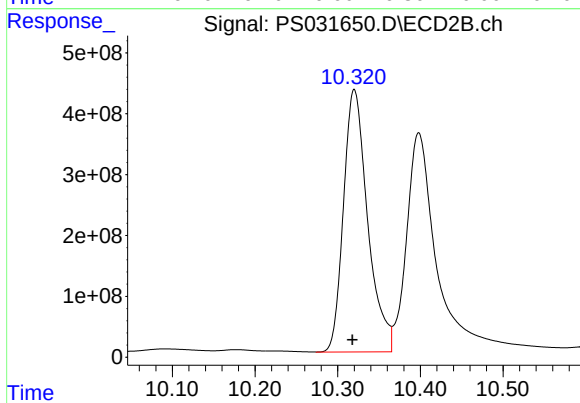
#11 2,4,5-TP (SILVEX)

R.T.: 9.890 min
Delta R.T.: 0.002 min
Response: 10304575910
Conc: 703.82 ng/ml



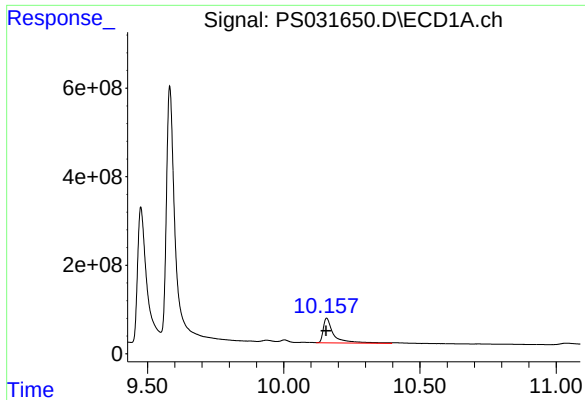
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.003 min
Response: 12739825216
Conc: 706.73 ng/ml



#12 2,4,5-T

R.T.: 10.320 min
Delta R.T.: 0.002 min
Response: 8769281142
Conc: 725.39 ng/ml



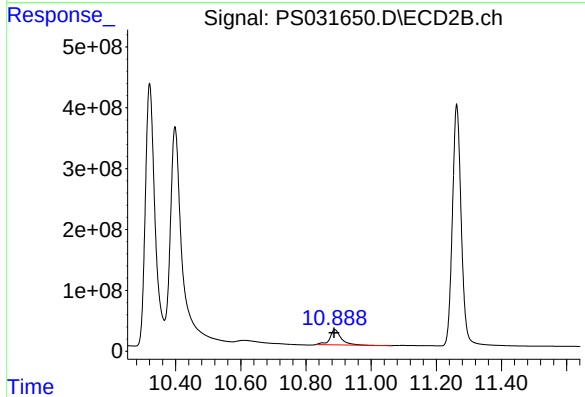
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.001 min
Response: 1484942016
Conc: 749.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

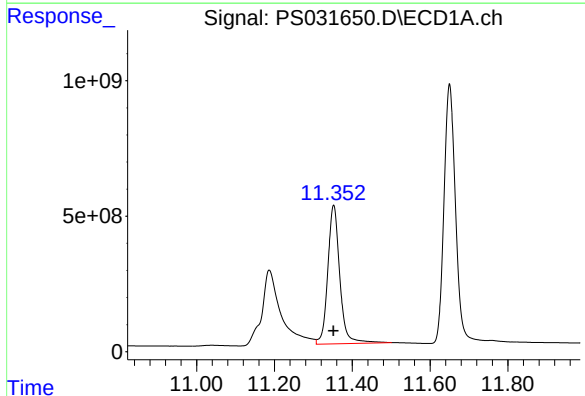
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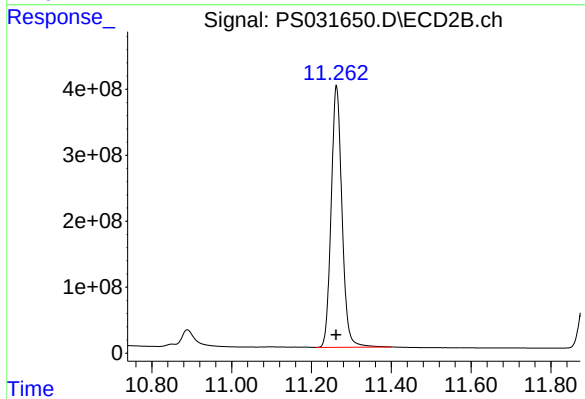
#13 2,4-DB

R.T.: 10.889 min
Delta R.T.: 0.002 min
Response: 589368337
Conc: 766.30 ng/ml



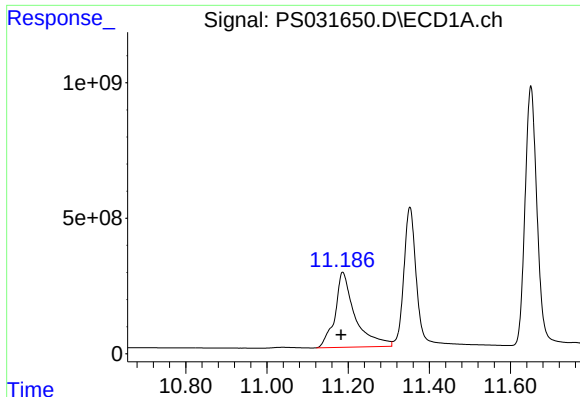
#14 DINOSEB

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 10973857690
Conc: 679.87 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 7463157636
Conc: 692.28 ng/ml



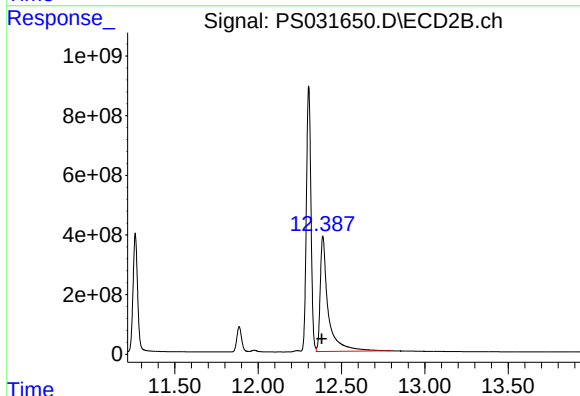
#15 Picloram

R.T.: 11.187 min
Delta R.T.: 0.004 min
Response: 9518787544
Conc: 743.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

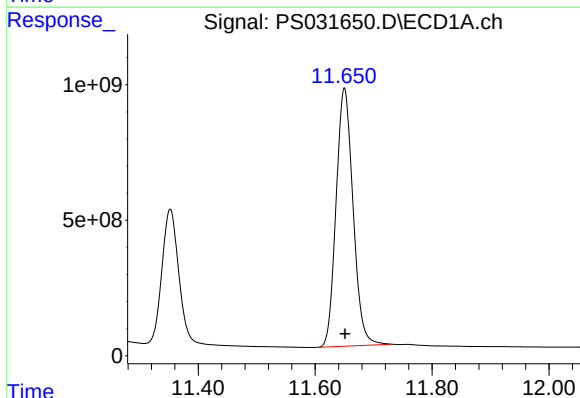
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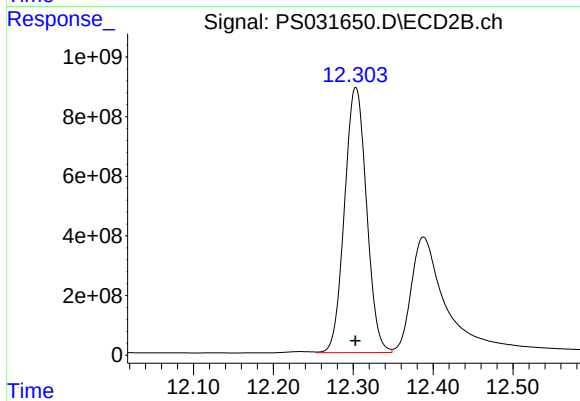
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.005 min
Response: 12860513482
Conc: 779.03 ng/ml



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.001 min
Response: 19212815975
Conc: 697.95 ng/ml



#16 DCPA

R.T.: 12.303 min
Delta R.T.: 0.000 min
Response: 17037500647
Conc: 716.35 ng/ml