

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080825\
 Data File : PS031395.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2025 10:07
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2025
 Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 03:26:01 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	7.293	7.746	2263.8E6	632.8E6	713.242	748.628
Target Compounds							
1) T	Dalapon	2.672	2.696	3201.6E6	1714.4E6	609.961	644.264
2) T	3,5-DICHL...	6.459	6.696	3137.5E6	927.5E6	664.959	686.019
3) T	4-Nitroph...	7.095	7.286	778.0E6	976.7E6	754.131m	777.060m
5) T	DICAMBA	7.480	7.945	9457.6E6	4027.3E6	677.166	708.692
6) T	MCPD	7.660	8.044	597.1E6	133.1E6	74.222	75.271
7) T	MCPA	7.809	8.292	723.1E6	196.7E6	72.595	70.123
8) T	DICHLORPROP	8.188	8.664	2134.7E6	926.4E6	672.888	693.944
9) T	2,4-D	8.421	9.002	2002.8E6	992.3E6	696.185	695.266
10) T	Pentachlo...	8.720	9.517	34584.6E6	25420.3E6	720.327	729.874
11) T	2,4,5-TP ...	9.298	9.901	12716.2E6	9378.8E6	709.463	715.066
12) T	2,4,5-T	9.593	10.328	10971.3E6	8589.6E6	748.833	725.485
13) T	2,4-DB	10.167	10.896	1516.6E6	686.8E6	789.188	711.858
14) T	DINOSEB	11.372	11.276	8992.1E6	6651.8E6	709.241	703.375
15) T	Picloram	11.193	12.391	10274.3E6	13388.7E6	787.055	763.772
16) T	DCPA	11.671	12.318	16649.0E6	14449.7E6	730.882	733.473

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

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Acq On : 08 Aug 2025 10:07
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

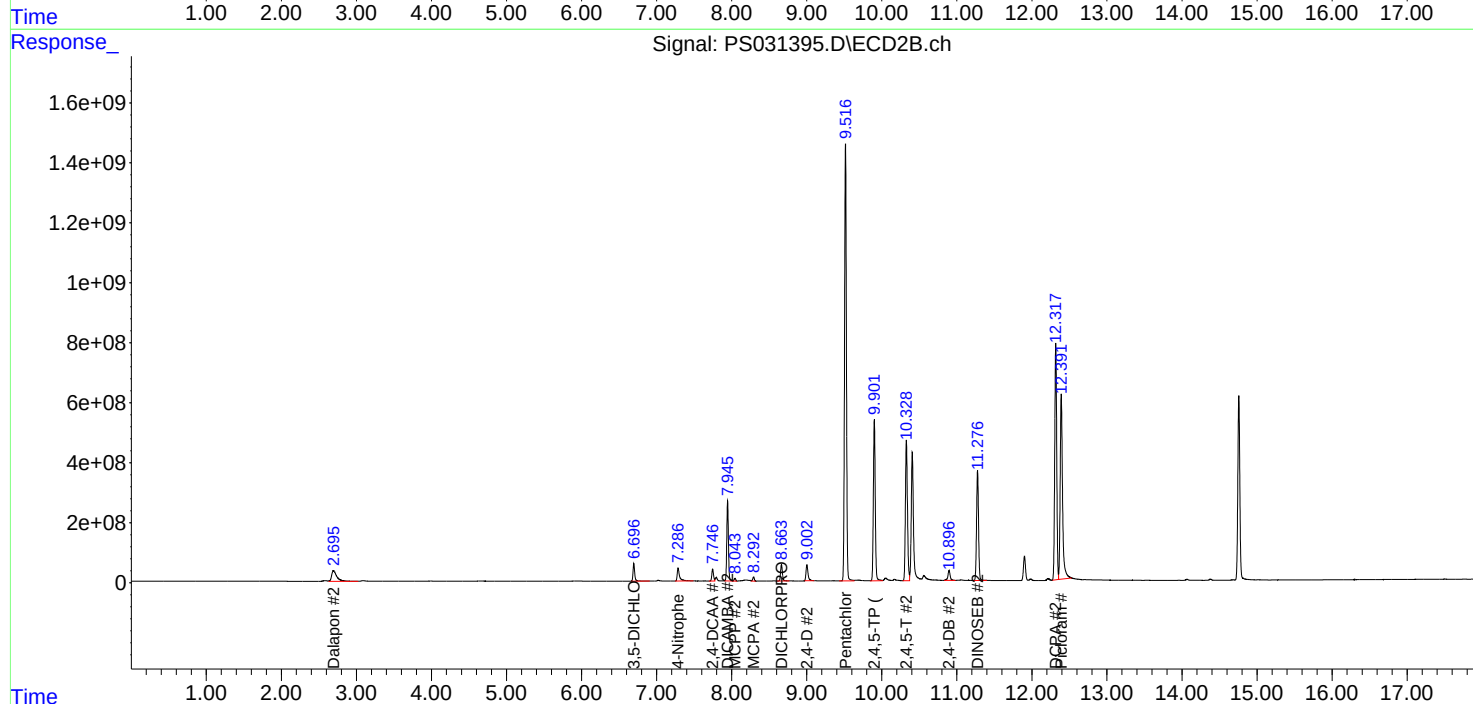
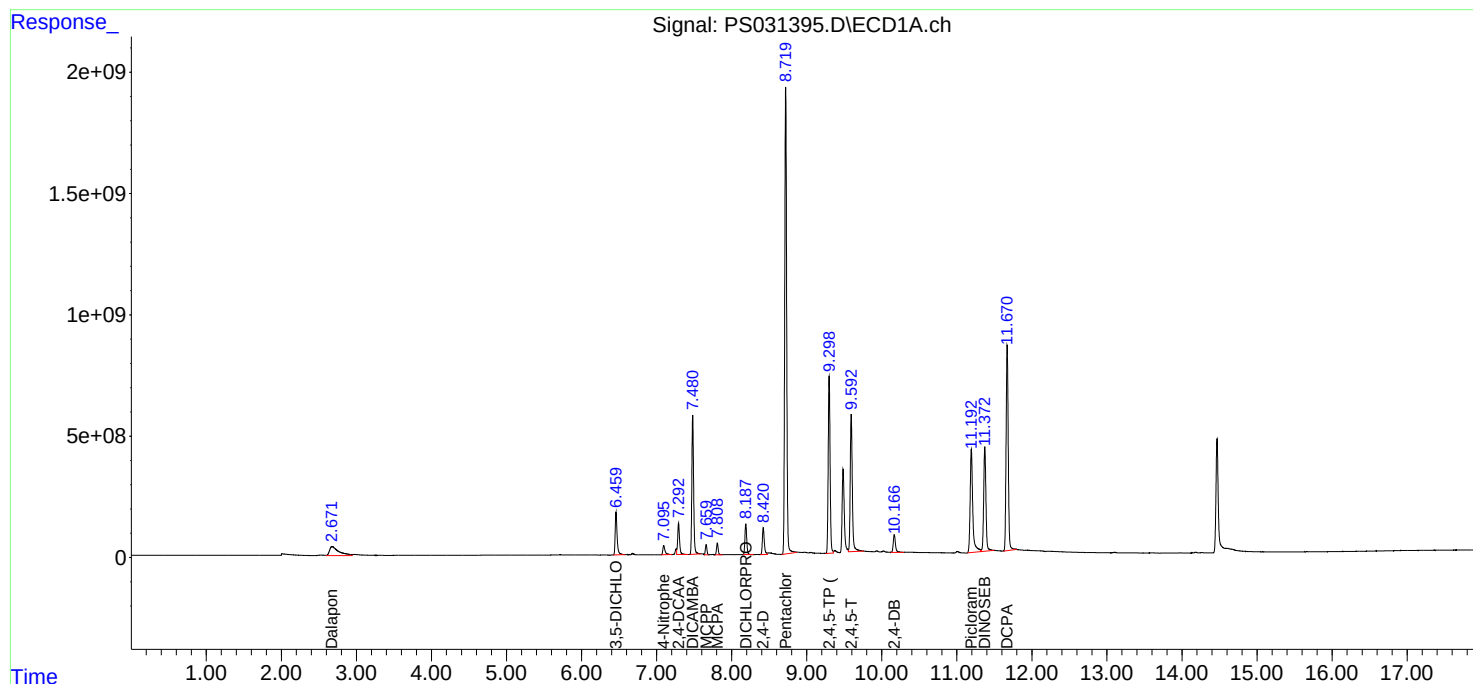
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

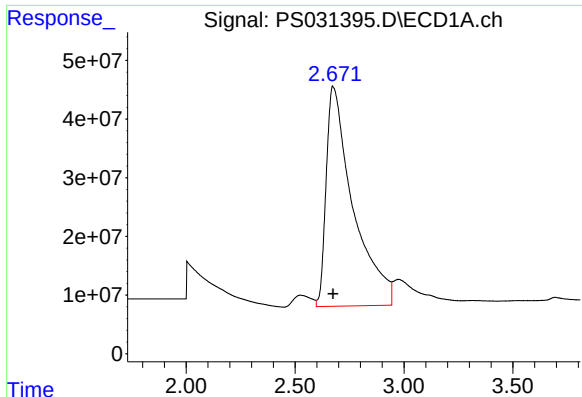
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.672 min
Delta R.T.: -0.002 min
Response: 3201648094
Conc: 609.96 ng/ml

Instrument :

ECD_S

ClientSampleId :

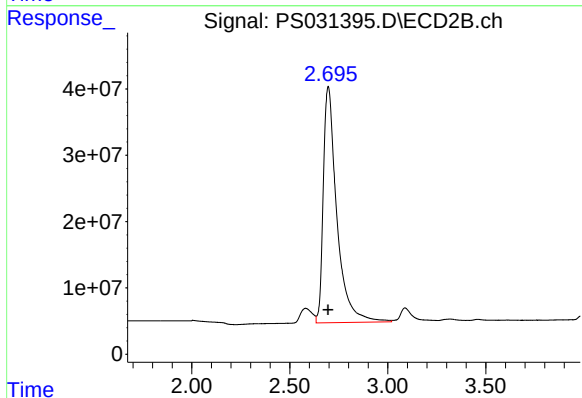
HSTDCCC750

Manual Integrations

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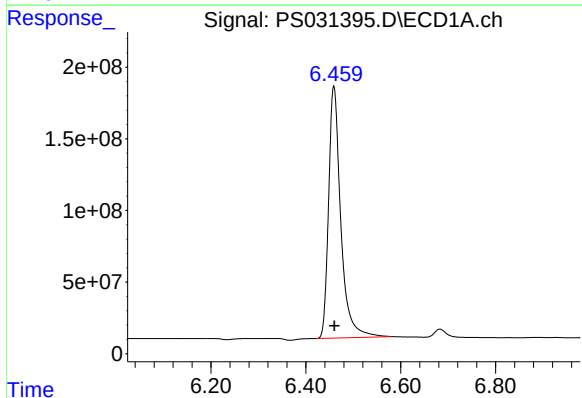
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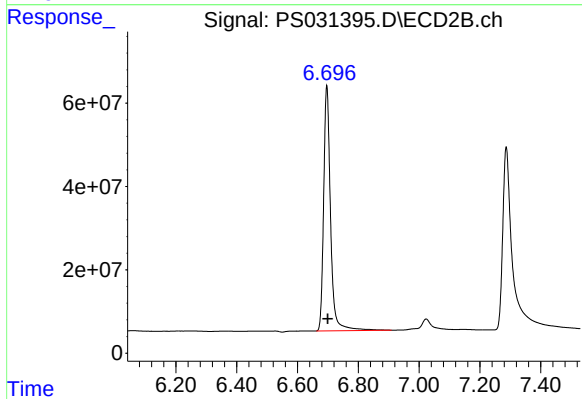
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: 0.000 min
Response: 1714393867
Conc: 644.26 ng/ml



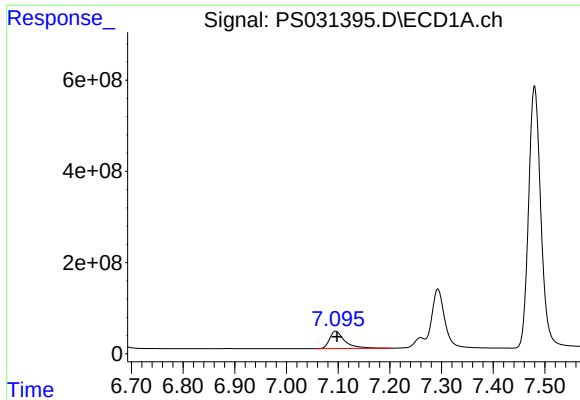
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 3137485992
Conc: 664.96 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 927450030
Conc: 686.02 ng/ml



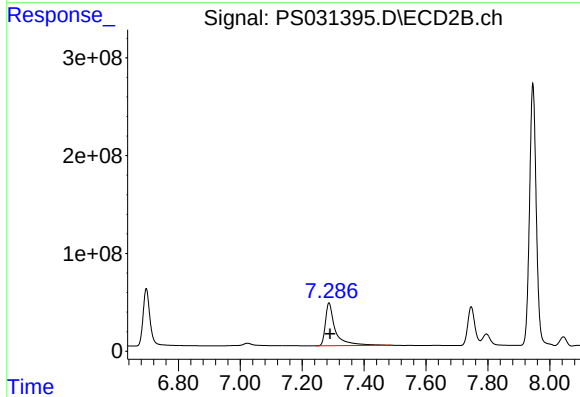
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 778021586
Conc: 754.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

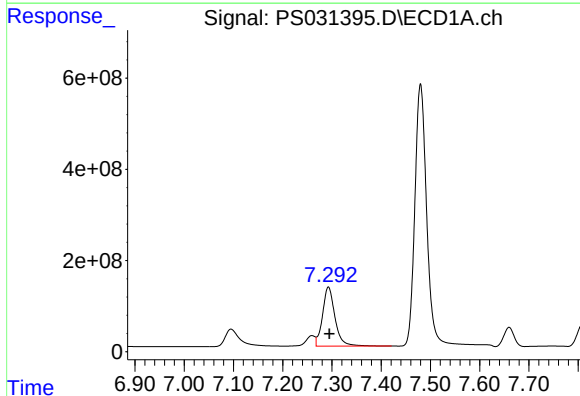
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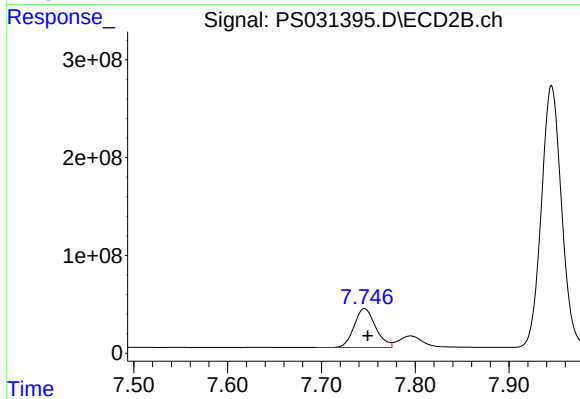
#3 4-Nitrophenol

R.T.: 7.286 min
Delta R.T.: -0.005 min
Response: 976678855
Conc: 777.06 ng/ml m



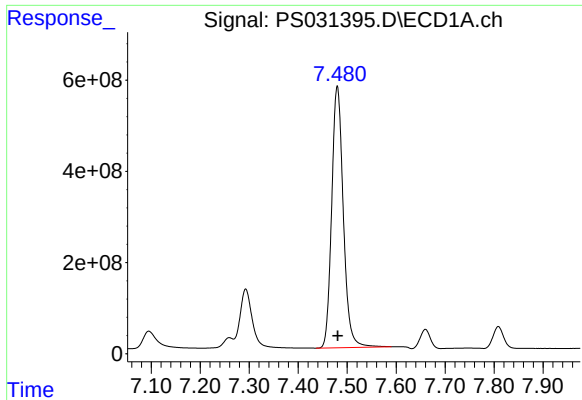
#4 2,4-DCAA

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 2263820642
Conc: 713.24 ng/ml



#4 2,4-DCAA

R.T.: 7.746 min
Delta R.T.: -0.003 min
Response: 632844573
Conc: 748.63 ng/ml



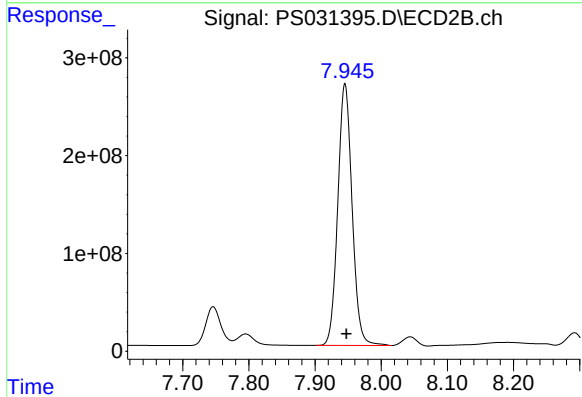
#5 DICAMBA

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 9457613334
Conc: 677.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

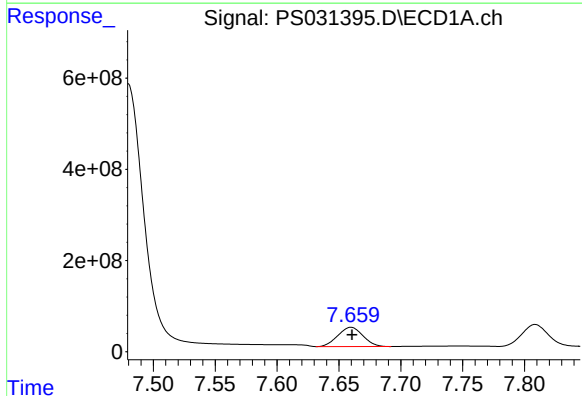
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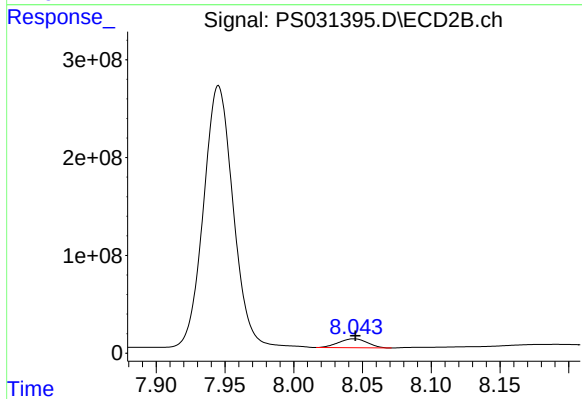
#5 DICAMBA

R.T.: 7.945 min
Delta R.T.: -0.002 min
Response: 4027279271
Conc: 708.69 ng/ml



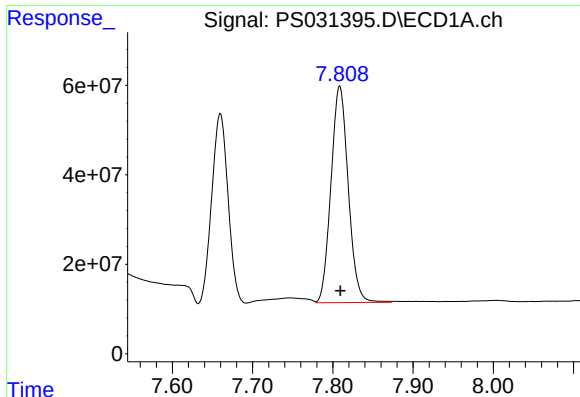
#6 MCP

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 597105106
Conc: 74.22 ug/ml



#6 MCP

R.T.: 8.044 min
Delta R.T.: -0.001 min
Response: 133065790
Conc: 75.27 ug/ml



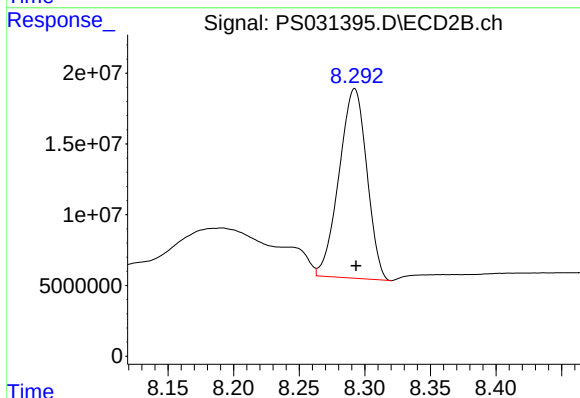
#7 MCPA

R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 723137785
Conc: 72.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

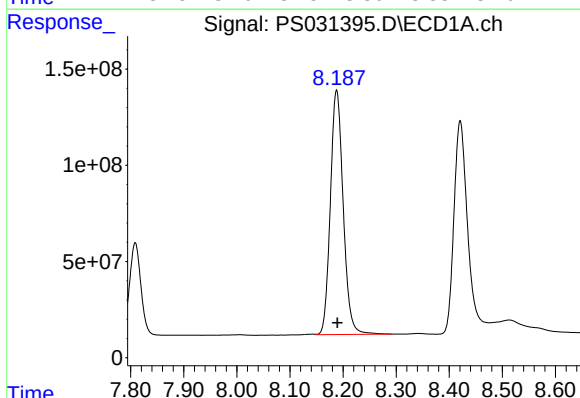
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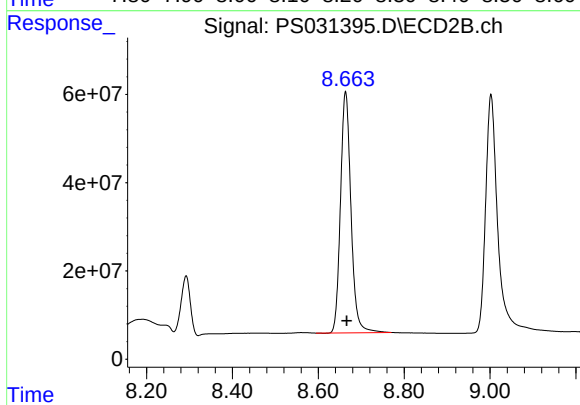
#7 MCPA

R.T.: 8.292 min
Delta R.T.: -0.001 min
Response: 196730618
Conc: 70.12 ug/ml



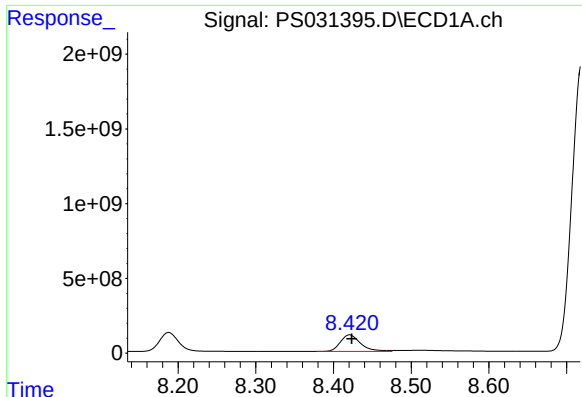
#8 DICHLORPROP

R.T.: 8.188 min
Delta R.T.: -0.002 min
Response: 2134689538
Conc: 672.89 ng/ml



#8 DICHLORPROP

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 926437782
Conc: 693.94 ng/ml



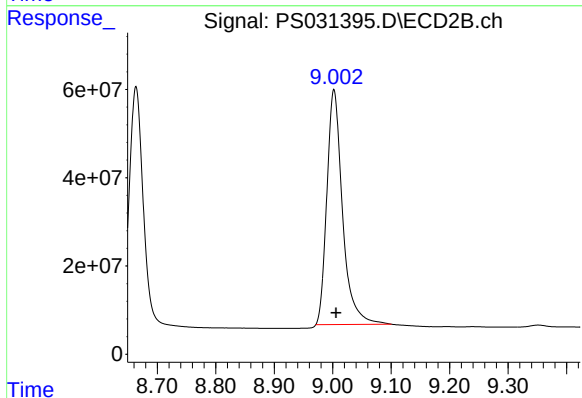
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: -0.003 min
Response: 2002795256
Conc: 696.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

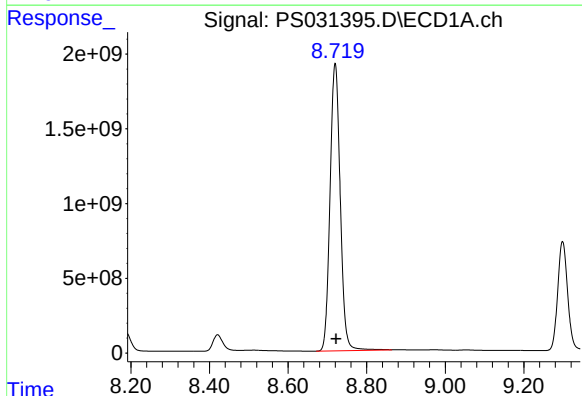
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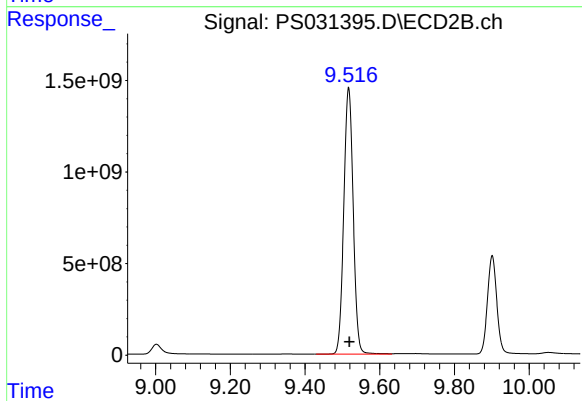
#9 2,4-D

R.T.: 9.002 min
Delta R.T.: -0.003 min
Response: 992344111
Conc: 695.27 ng/ml



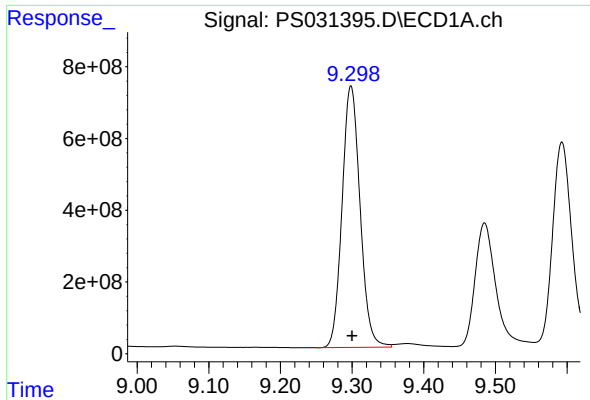
#10 Pentachlorophenol

R.T.: 8.720 min
Delta R.T.: -0.002 min
Response: 34584643273
Conc: 720.33 ng/ml



#10 Pentachlorophenol

R.T.: 9.517 min
Delta R.T.: -0.002 min
Response: 25420349015
Conc: 729.87 ng/ml



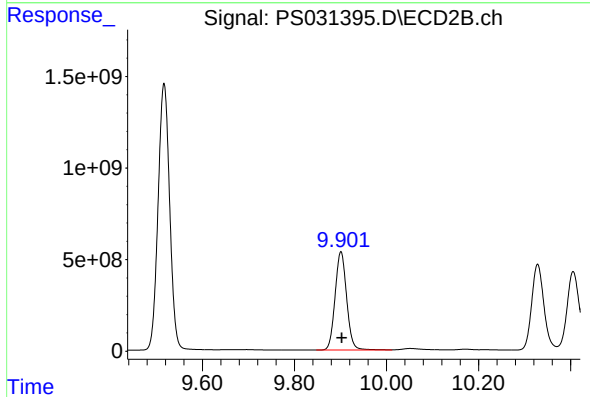
#11 2,4,5-TP (SILVEX)

R.T.: 9.298 min
Delta R.T.: -0.002 min
Response: 12716215343
Conc: 709.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

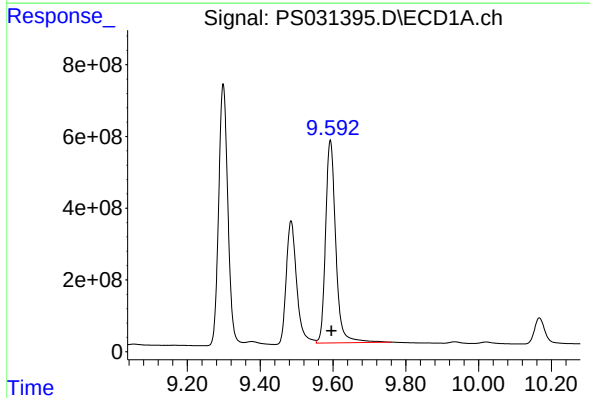
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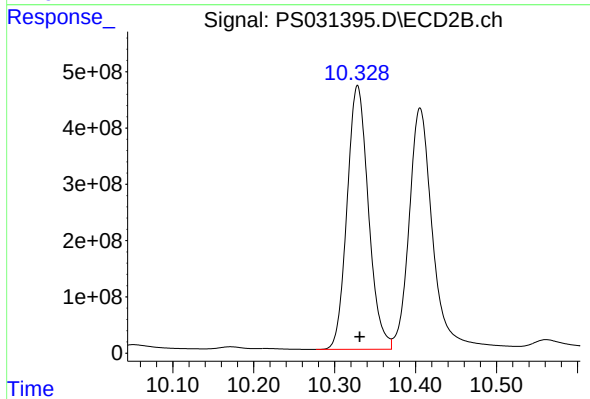
#11 2,4,5-TP (SILVEX)

R.T.: 9.901 min
Delta R.T.: -0.002 min
Response: 9378822370
Conc: 715.07 ng/ml



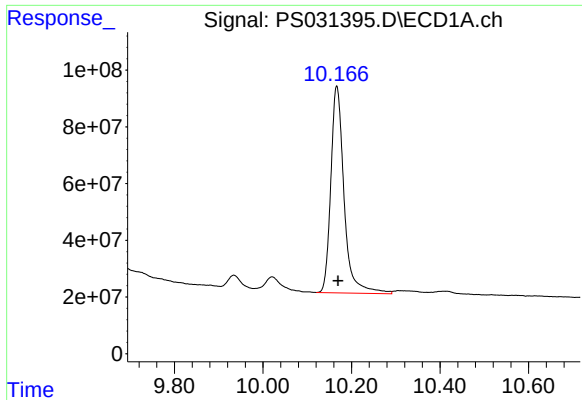
#12 2,4,5-T

R.T.: 9.593 min
Delta R.T.: -0.003 min
Response: 10971327573
Conc: 748.83 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 8589572971
Conc: 725.49 ng/ml



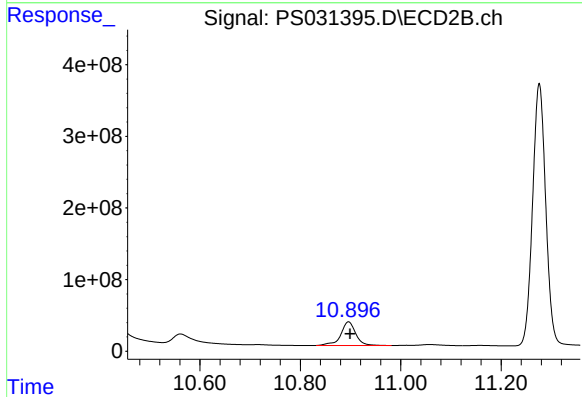
#13 2,4-DB

R.T.: 10.167 min
Delta R.T.: -0.003 min
Response: 1516599658
Conc: 789.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

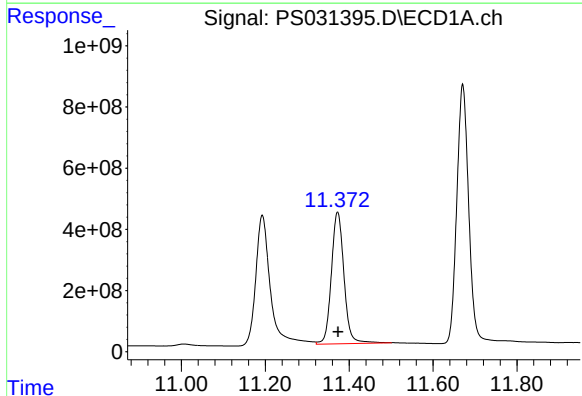
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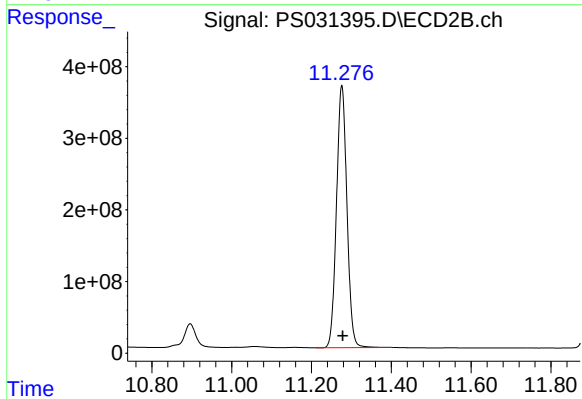
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: -0.003 min
Response: 686833788
Conc: 711.86 ng/ml



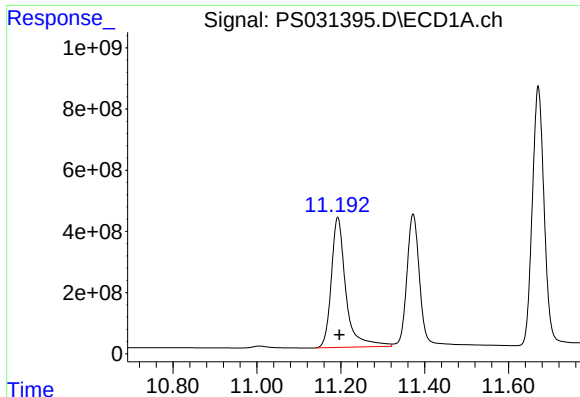
#14 DINOSEB

R.T.: 11.372 min
Delta R.T.: -0.001 min
Response: 8992095745
Conc: 709.24 ng/ml



#14 DINOSEB

R.T.: 11.276 min
Delta R.T.: -0.002 min
Response: 6651777526
Conc: 703.37 ng/ml



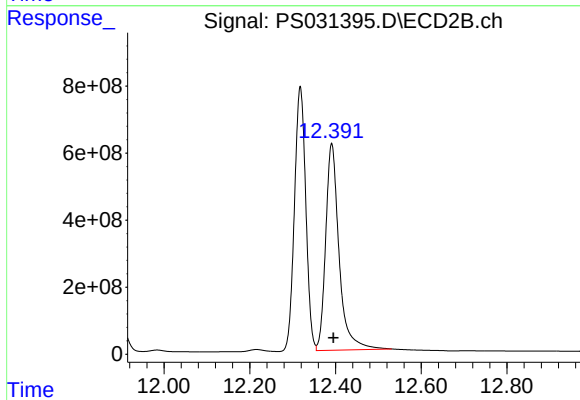
#15 Picloram

R.T.: 11.193 min
Delta R.T.: -0.004 min
Response: 10274330567
Conc: 787.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

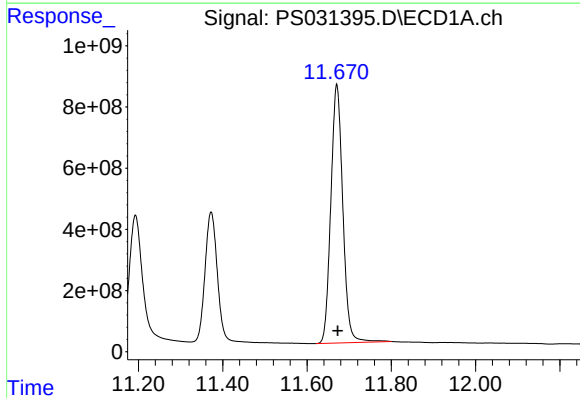
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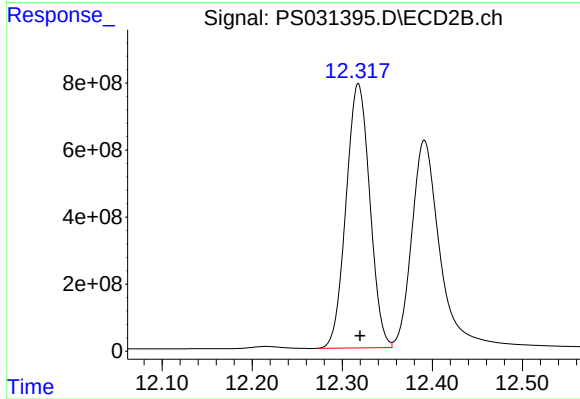
#15 Picloram

R.T.: 12.391 min
Delta R.T.: -0.004 min
Response: 13388719545
Conc: 763.77 ng/ml



#16 DCPA

R.T.: 11.671 min
Delta R.T.: -0.002 min
Response: 16648986537
Conc: 730.88 ng/ml



#16 DCPA

R.T.: 12.318 min
Delta R.T.: -0.002 min
Response: 14449709254
Conc: 733.47 ng/ml