

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061325\
 Data File : PS030678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 16:53
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 17:12:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.353	7.768	2864.6E6	828.3E6	758.798	770.110
Target Compounds							
1) T	Dalapon	2.710	2.710	3873.6E6	1884.0E6	685.965	687.588
2) T	3,5-DICHL...	6.511	6.714	3952.6E6	1162.4E6	728.404	743.106
3) T	4-Nitroph...	7.153	7.300	1193.7E6	1167.5E6	650.960	744.945
5) T	DICAMBA	7.544	7.971	11567.5E6	4931.2E6	750.041	765.522
6) T	MCPD	7.726	8.071	746.5E6	170.1E6	75.363m	73.578
7) T	MCPA	7.877	8.320	895.2E6	214.7E6	70.548	69.586
8) T	DICHLORPROP	8.259	8.691	2608.3E6	1097.7E6	716.942	739.586
9) T	2,4-D	8.491	9.026	2531.9E6	1203.4E6	694.884	765.342
10) T	Pentachlo...	8.795f	9.552	40608.8E6	28912.7E6	799.603m	800.064
11) T	2,4,5-TP ...	9.380	9.932	15291.2E6	10617.3E6	739.955	774.041
12) T	2,4,5-T	9.674	10.358	13049.4E6	10123.1E6	708.012	775.290
13) T	2,4-DB	10.254	10.925	1928.0E6	851.4E6	634.964	740.665
14) T	DINOSEB	11.473f	11.311	10713.2E6	7938.2E6	745.267m	789.864
15) T	Picloram	11.281f	12.420	12793.0E6	16845.1E6	639.498m	762.778
16) T	DCPA	11.769f	12.356	19865.8E6	16023.3E6	751.351	783.040

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

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Acq On : 13 Jun 2025 16:53
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

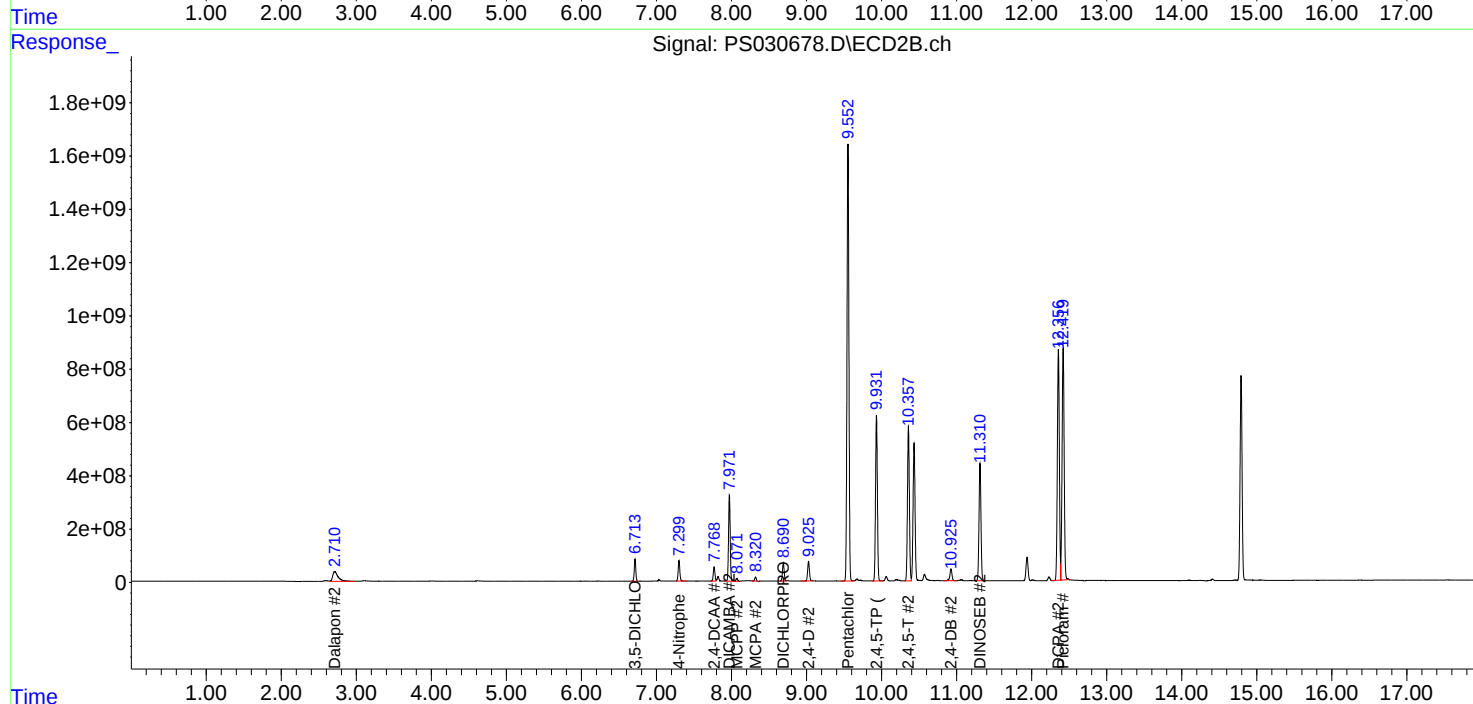
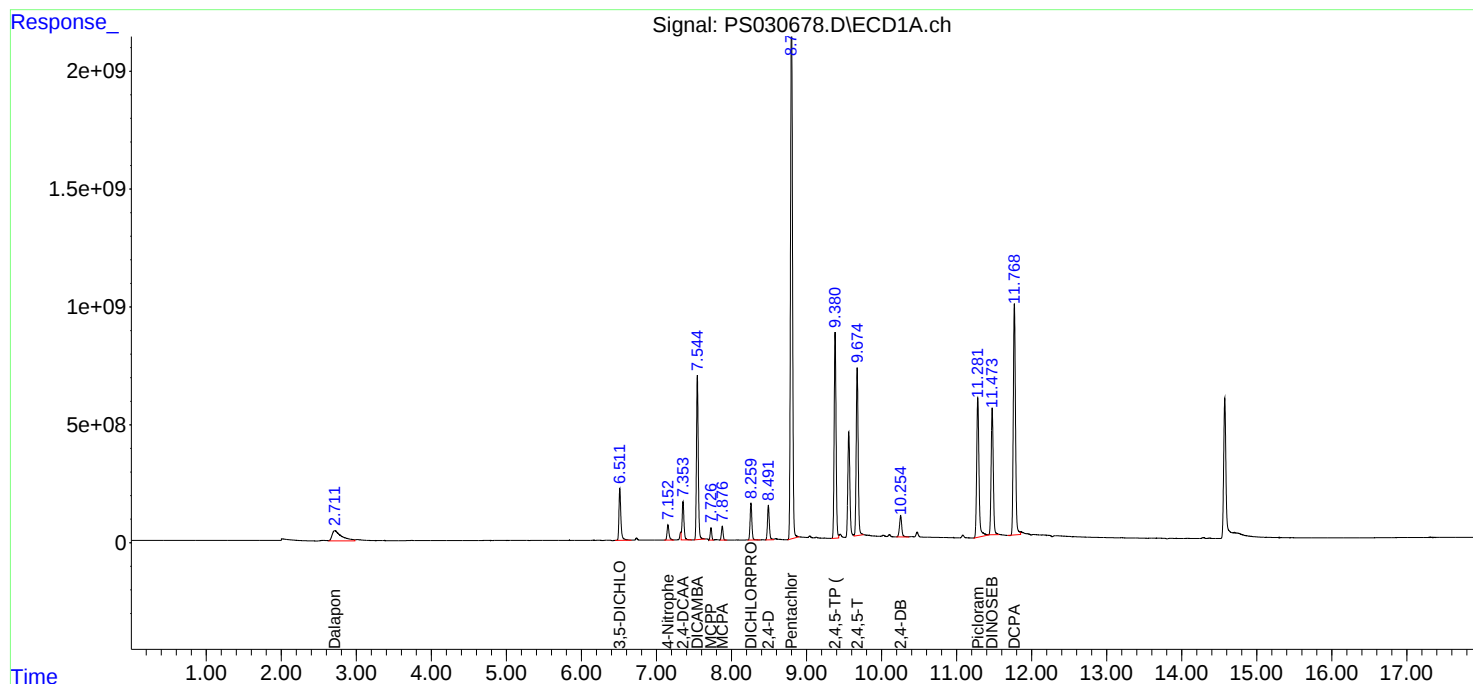
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

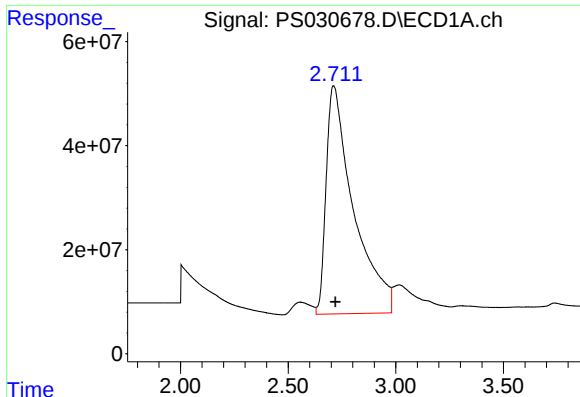
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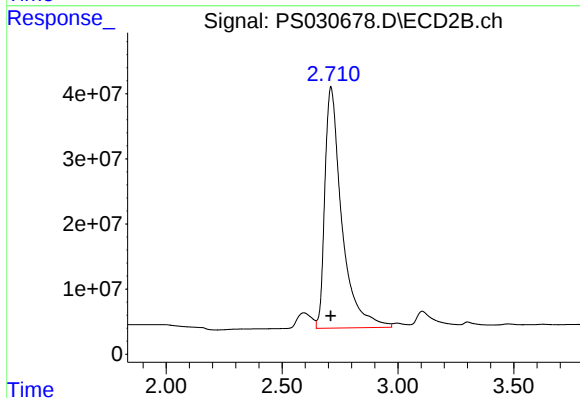
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: -0.010 min
Response: 3873624473
Conc: 685.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

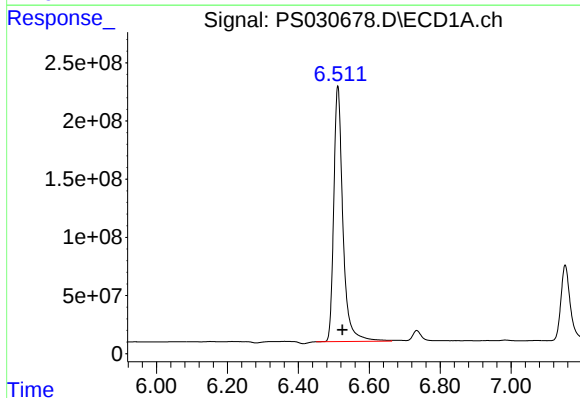
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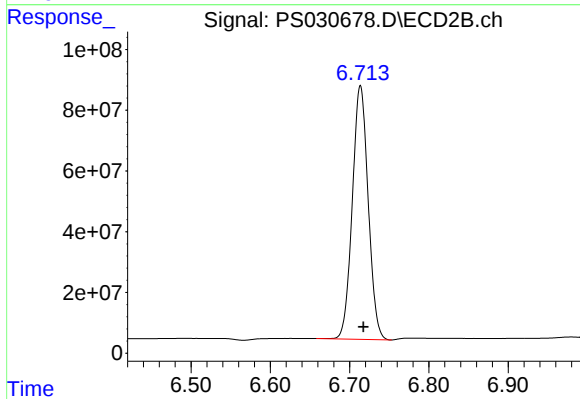
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 1884000930
Conc: 687.59 ng/ml



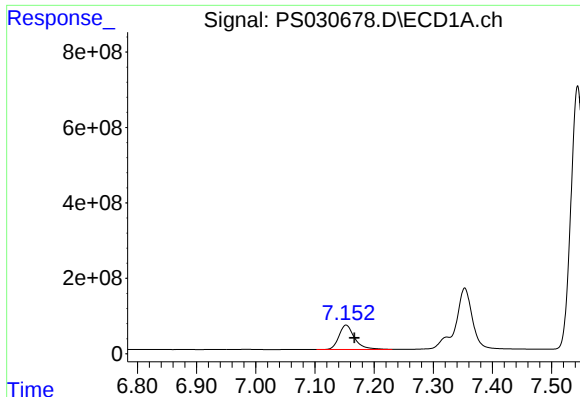
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.511 min
Delta R.T.: -0.013 min
Response: 3952574715
Conc: 728.40 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 1162402015
Conc: 743.11 ng/ml



#3 4-Nitrophenol

R.T.: 7.153 min
Delta R.T.: -0.014 min
Response: 1193701890
Conc: 650.96 ng/ml

Instrument :

ECD_S

ClientSampleId :

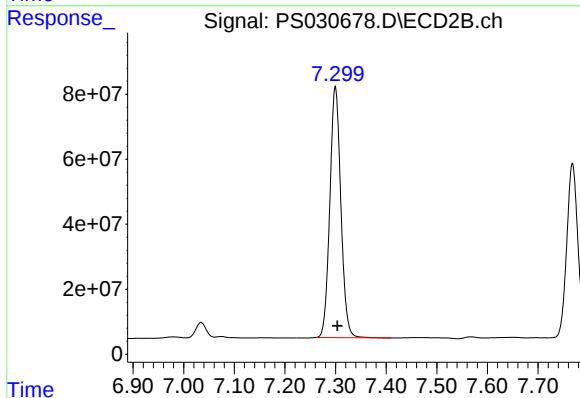
HSTDCCC750

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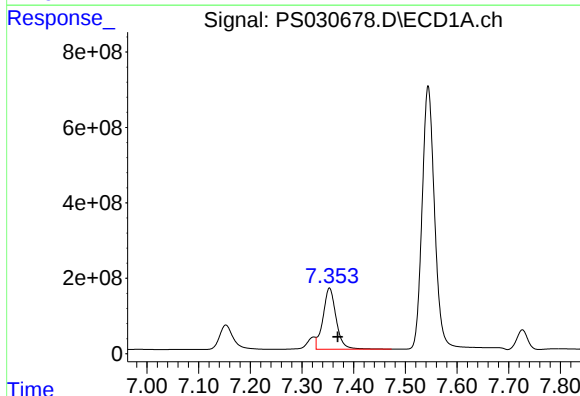
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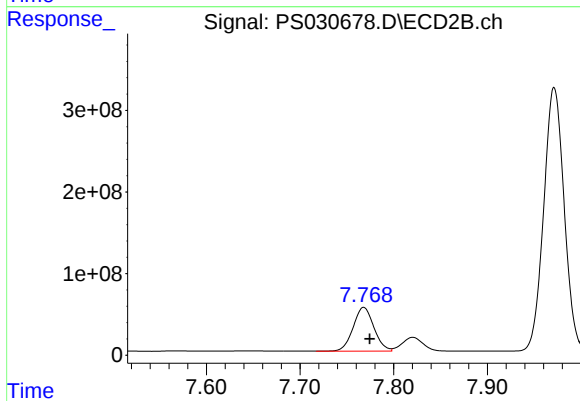
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.004 min
Response: 1167510100
Conc: 744.95 ng/ml



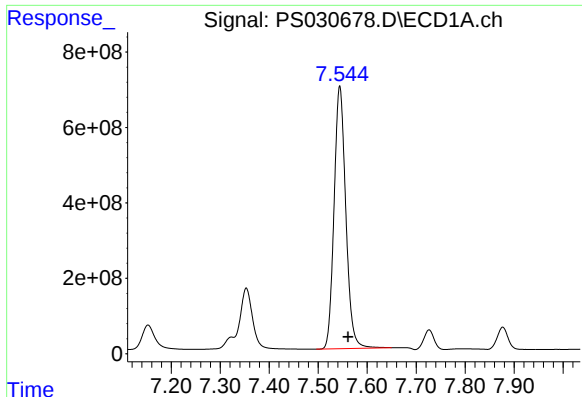
#4 2,4-DCAA

R.T.: 7.353 min
Delta R.T.: -0.016 min
Response: 2864572700
Conc: 758.80 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 828338177
Conc: 770.11 ng/ml



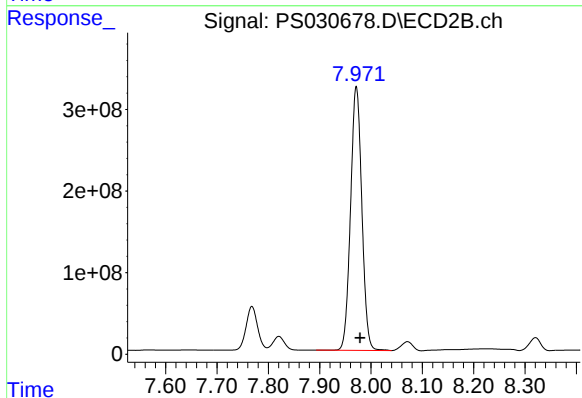
#5 DICAMBA

R.T.: 7.544 min
Delta R.T.: -0.017 min
Response: 11567536686
Conc: 750.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

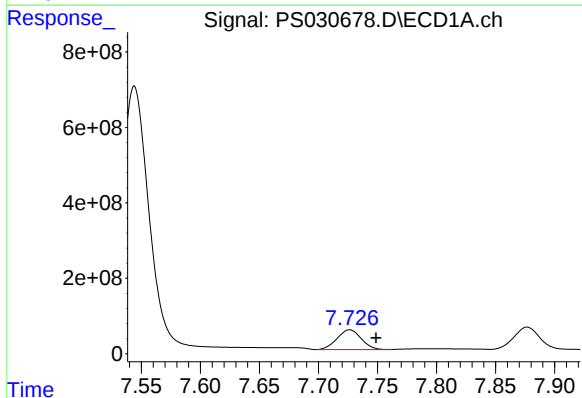
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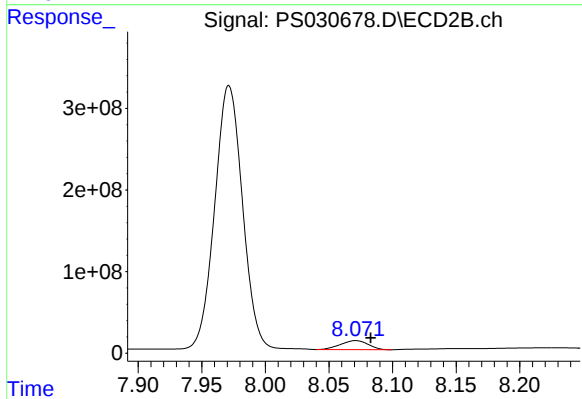
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 4931224740
Conc: 765.52 ng/ml



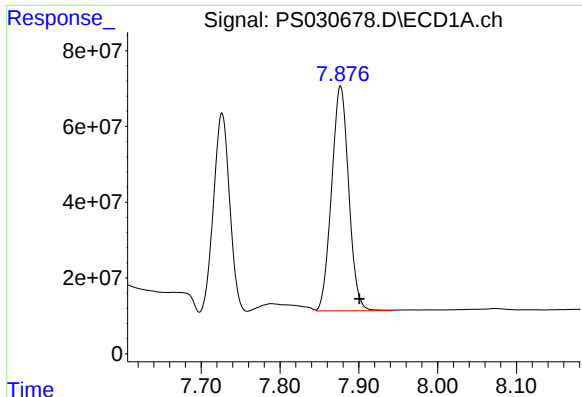
#6 MCP

R.T.: 7.726 min
Delta R.T.: -0.023 min
Response: 746463677
Conc: 75.36 ug/ml m



#6 MCP

R.T.: 8.071 min
Delta R.T.: -0.012 min
Response: 170082238
Conc: 73.58 ug/ml



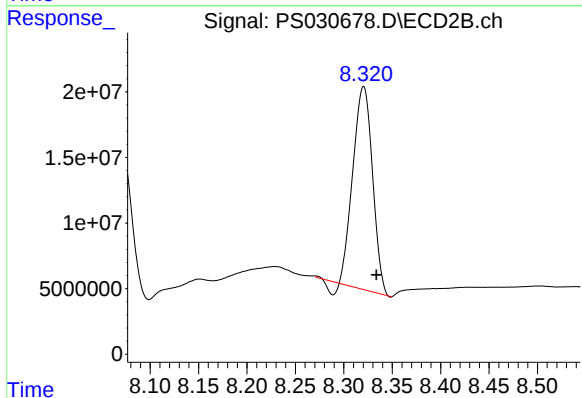
#7 MCPA

R.T.: 7.877 min
Delta R.T.: -0.024 min
Response: 895210931
Conc: 70.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

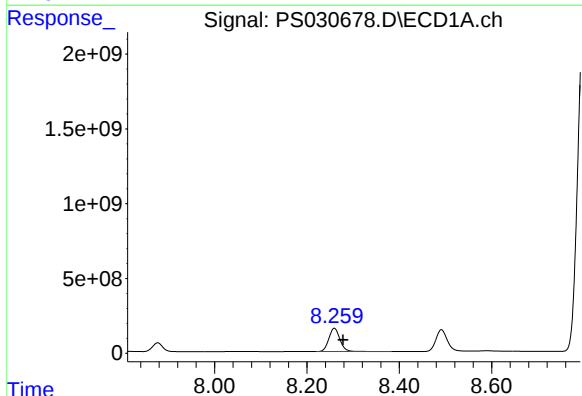
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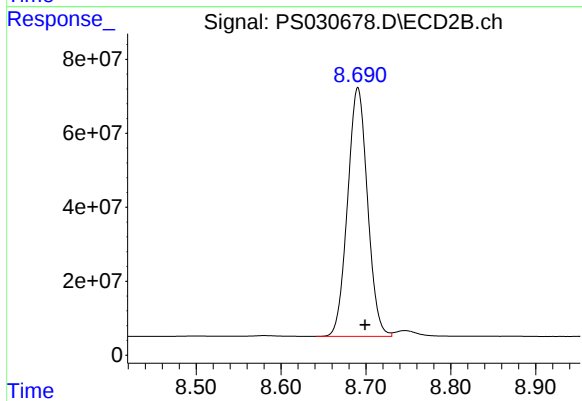
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.013 min
Response: 214737610
Conc: 69.59 ug/ml



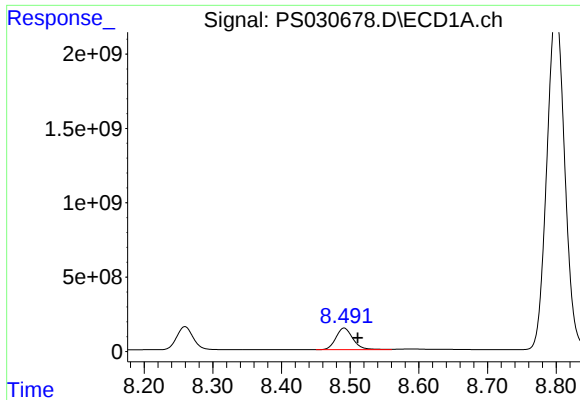
#8 DICHLORPROP

R.T.: 8.259 min
Delta R.T.: -0.019 min
Response: 2608340142
Conc: 716.94 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: -0.008 min
Response: 1097695843
Conc: 739.59 ng/ml



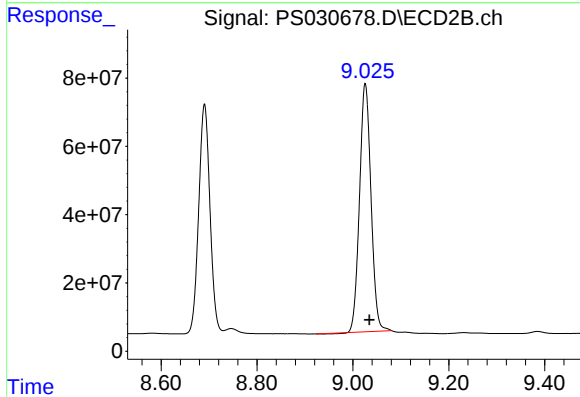
#9 2,4-D

R.T.: 8.491 min
Delta R.T.: -0.020 min
Response: 2531887377
Conc: 694.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

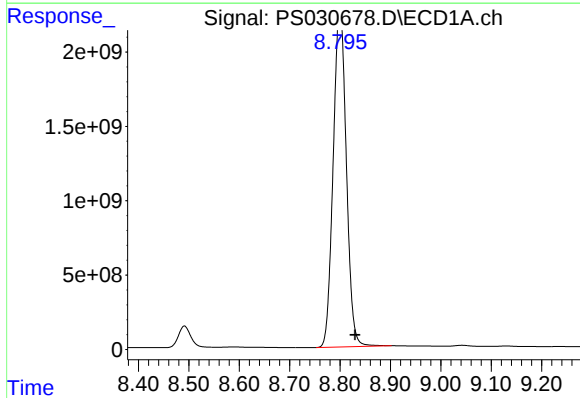
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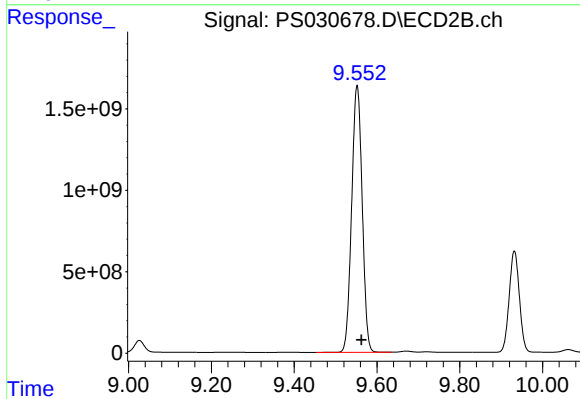
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 1203363333
Conc: 765.34 ng/ml



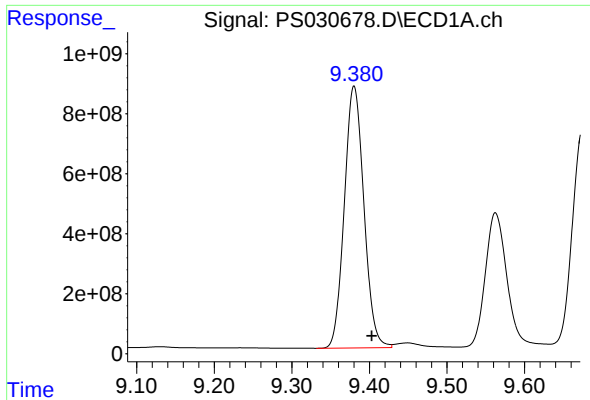
#10 Pentachlorophenol

R.T.: 8.795 min
Delta R.T.: -0.034 min
Response: 40608779163
Conc: 799.60 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 28912727408
Conc: 800.06 ng/ml



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

R.T.: 9.380 min
Delta R.T.: -0.023 min
Response: 15291239893
Conc: 739.96 ng/ml

Instrument :

ECD_S

ClientSampleId :

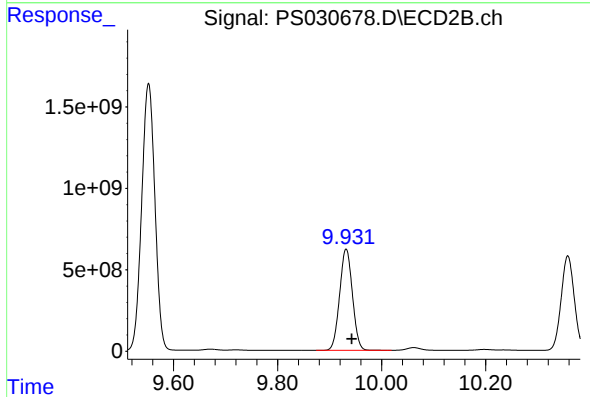
HSTDCCC750

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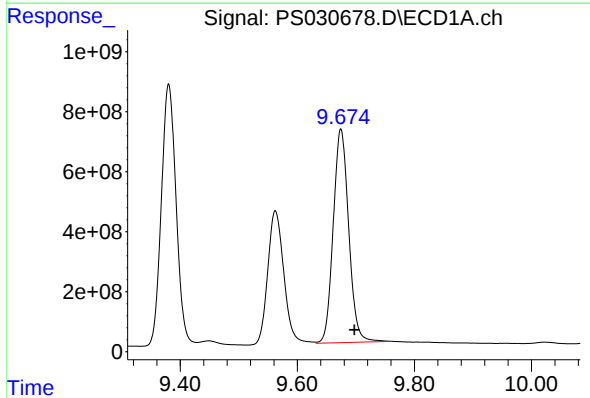
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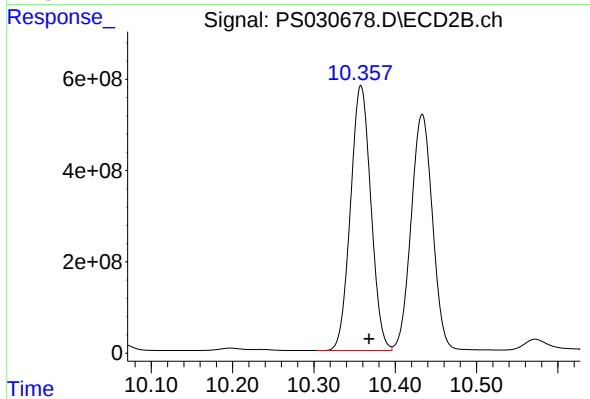
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.011 min
Response: 10617323690
Conc: 774.04 ng/ml



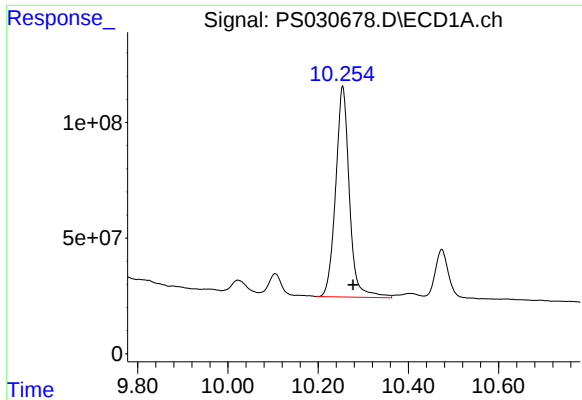
#12 2,4,5-T

R.T.: 9.674 min
Delta R.T.: -0.023 min
Response: 13049419640
Conc: 708.01 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: -0.010 min
Response: 10123064718
Conc: 775.29 ng/ml



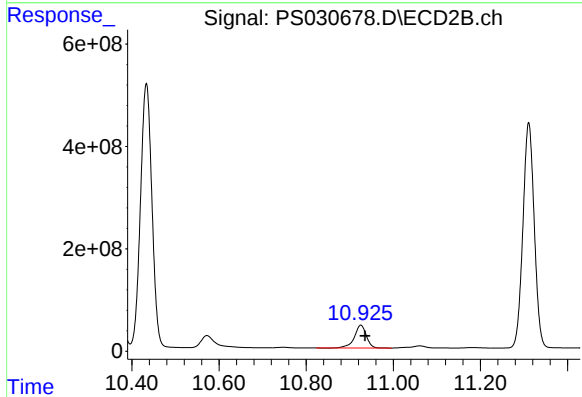
#13 2,4-DB

R.T.: 10.254 min
Delta R.T.: -0.023 min
Response: 1927980589
Conc: 634.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

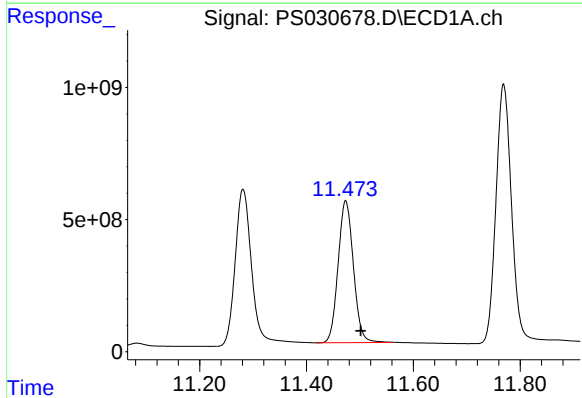
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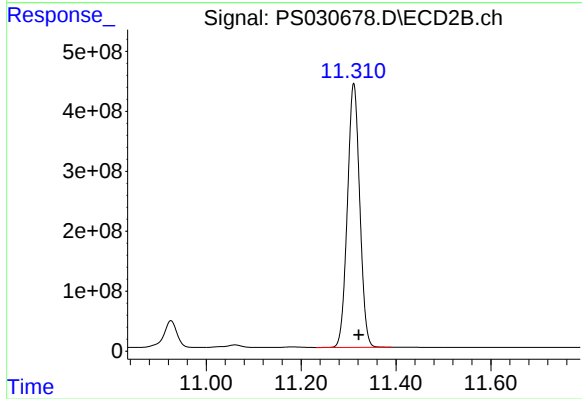
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: -0.010 min
Response: 851433700
Conc: 740.67 ng/ml



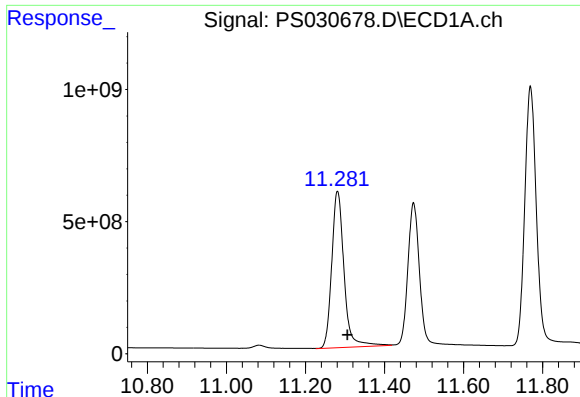
#14 DINOSEB

R.T.: 11.473 min
Delta R.T.: -0.029 min
Response: 10713166134
Conc: 745.27 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.011 min
Response: 7938221739
Conc: 789.86 ng/ml



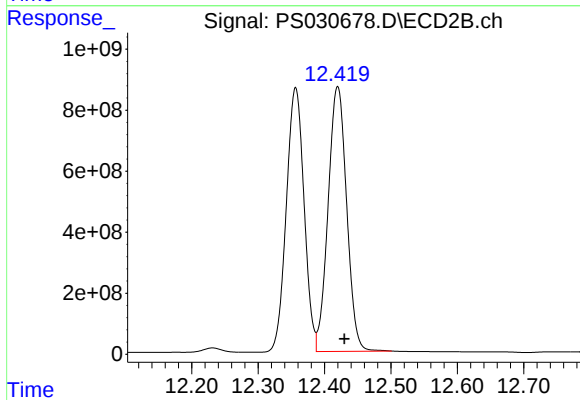
#15 Picloram

R.T.: 11.281 min
Delta R.T.: -0.026 min
Response: 12793035355
Conc: 639.50 ng/ml

Instrument :
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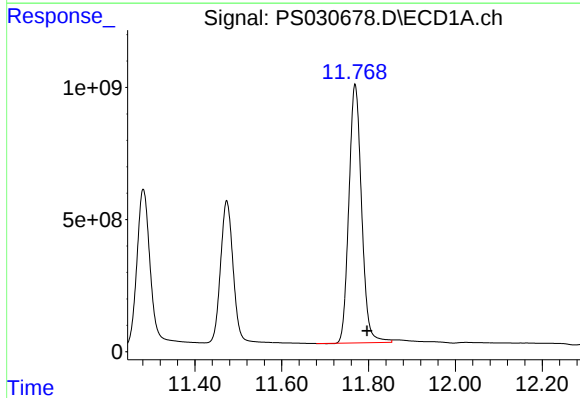
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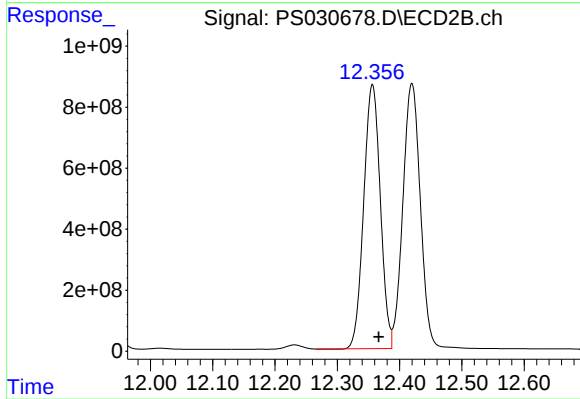
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.010 min
Response: 16845105611
Conc: 762.78 ng/ml



#16 DCPA

R.T.: 11.769 min
Delta R.T.: -0.028 min
Response: 19865804287
Conc: 751.35 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: -0.010 min
Response: 16023291041
Conc: 783.04 ng/ml