

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071025\
 Data File : PS030980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 09:48
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:55:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.336	7.769	2578.4E6	701.3E6	701.710	654.252
Target Compounds							
1) T	Dalapon	2.701	2.709	3456.7E6	1541.2E6	579.428	562.111
2) T	3,5-DICHL...	6.496	6.715	3524.2E6	970.3E6	655.350	601.487
3) T	4-Nitroph...	7.136	7.301	1046.4E6	1048.0E6	663.655	604.560
5) T	DICAMBA	7.525	7.972	10312.0E6	4162.4E6	677.749m	635.164
6) T	MCPD	7.707	8.071	658.4E6	143.2E6	70.132m	68.263
7) T	MCPA	7.857	8.320	795.2E6	206.6E6	67.787	65.690
8) T	DICHLORPROP	8.238	8.691	2396.6E6	969.8E6	639.813	616.744
9) T	2,4-D	8.470	9.027	2376.0E6	1093.8E6	689.815	643.625m
10) T	Pentachlo...	8.777	9.552	37334.0E6	25412.5E6	705.408m	666.609
11) T	2,4,5-TP ...	9.356	9.934	14157.3E6	9417.7E6	706.792	652.703
12) T	2,4,5-T	9.652	10.360	12620.1E6	8980.3E6	767.032	657.195
13) T	2,4-DB	10.229	10.928	1916.6E6	756.2E6	835.673	639.291
14) T	DINOSEB	11.445	11.313	9418.4E6	6668.0E6	678.890m	618.478
15) T	Picloram	11.257	12.423	12932.0E6	15438.9E6	804.426m	664.283
16) T	DCPA	11.743	12.357	18731.1E6	14635.5E6	731.219	663.961

(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

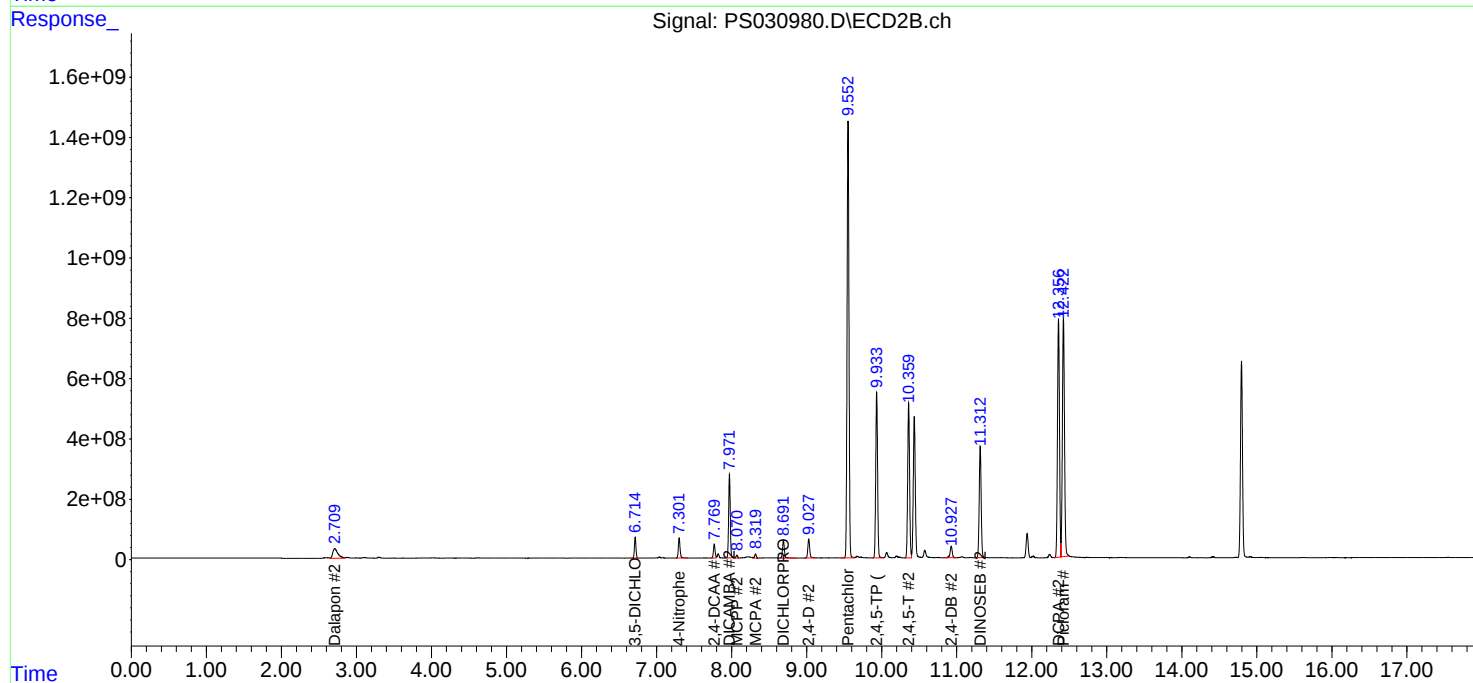
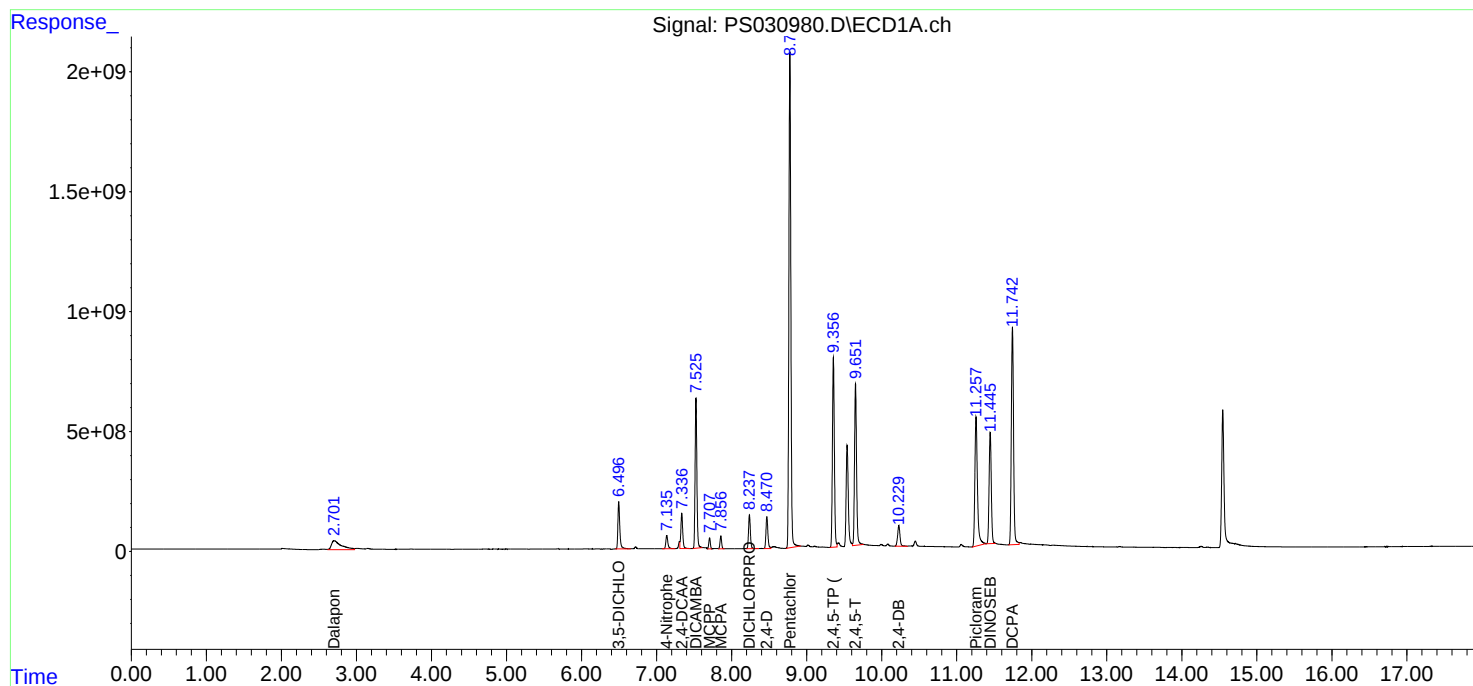
Instrument :
ECD_S
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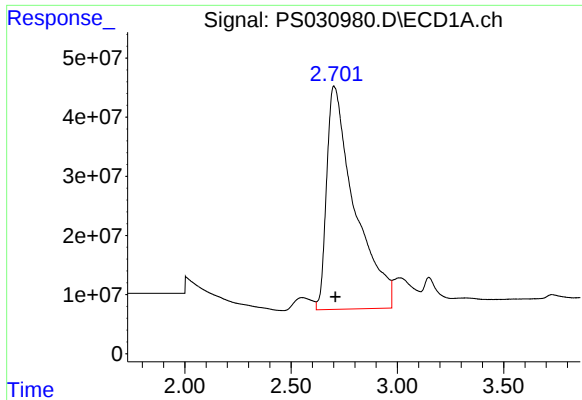
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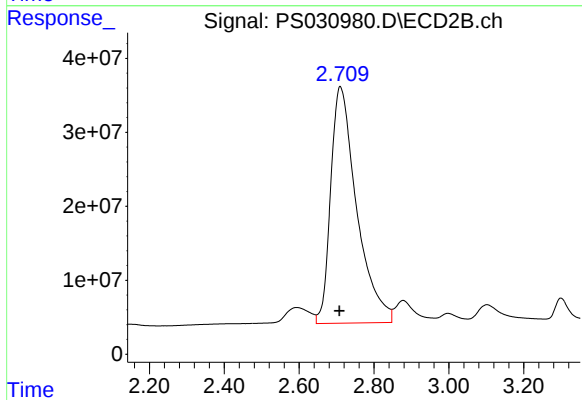
#1 Dalapon

R.T.: 2.701 min
Delta R.T.: -0.007 min
Response: 3456651954
Conc: 579.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

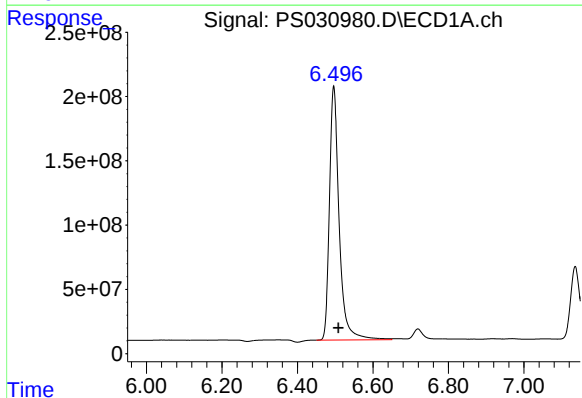
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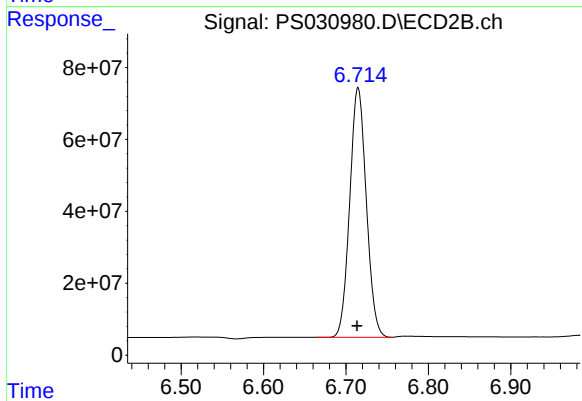
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.002 min
Response: 1541164507
Conc: 562.11 ng/ml



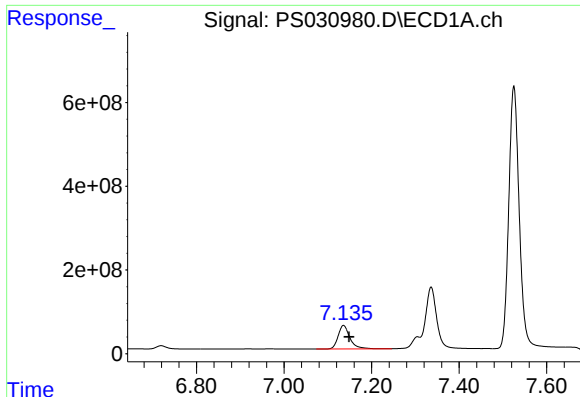
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 3524177936
Conc: 655.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 970289377
Conc: 601.49 ng/ml



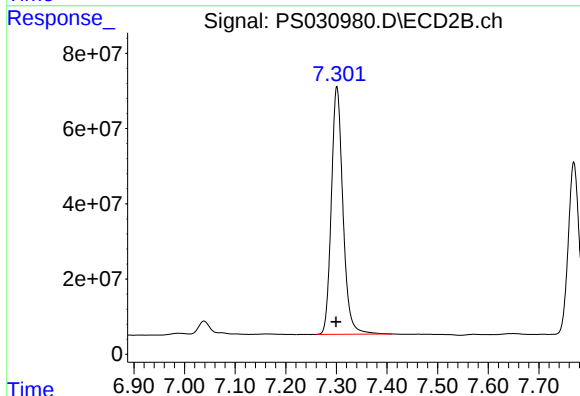
#3 4-Nitrophenol

R.T.: 7.136 min
Delta R.T.: -0.013 min
Response: 1046429283
Conc: 663.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

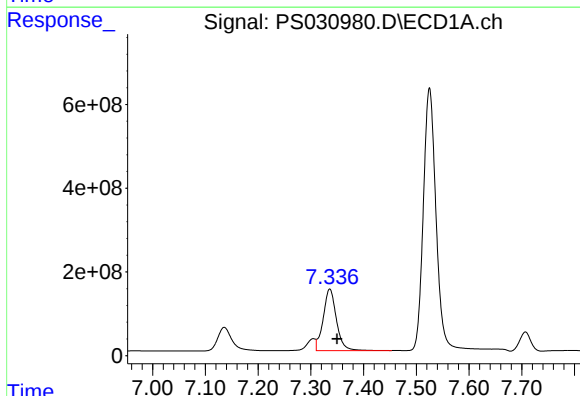
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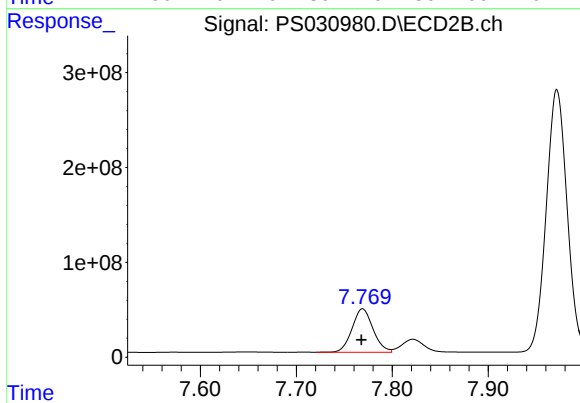
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.002 min
Response: 1048025527
Conc: 604.56 ng/ml



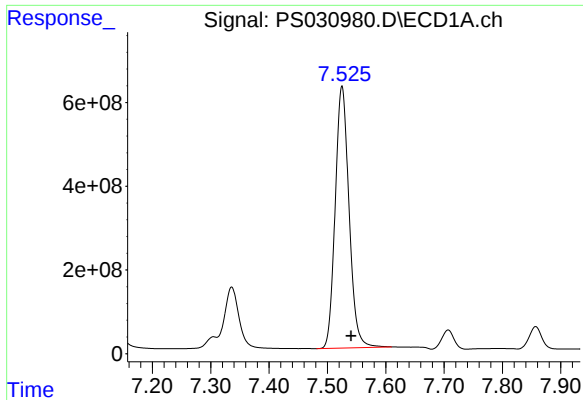
#4 2,4-DCAA

R.T.: 7.336 min
Delta R.T.: -0.014 min
Response: 2578357732
Conc: 701.71 ng/ml



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.001 min
Response: 701334549
Conc: 654.25 ng/ml



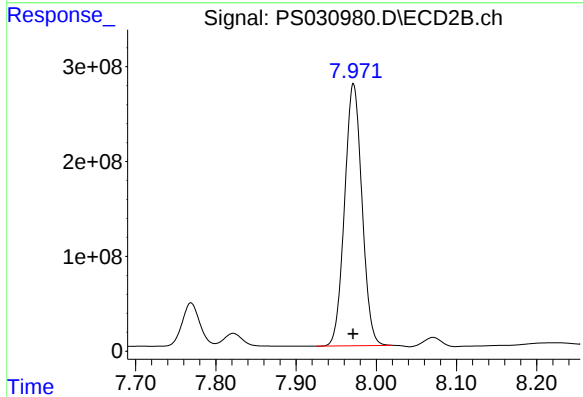
#5 DICAMBA

R.T.: 7.525 min
Delta R.T.: -0.016 min
Response: 10312009754
Conc: 677.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

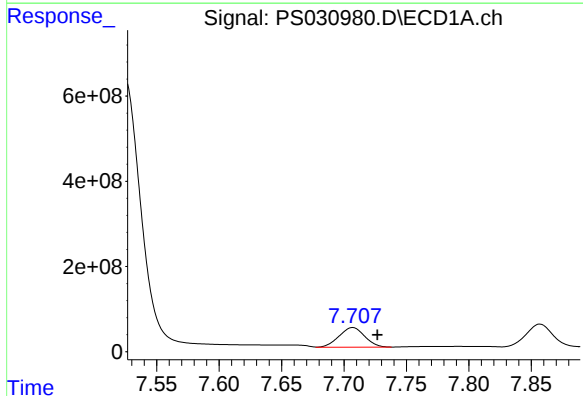
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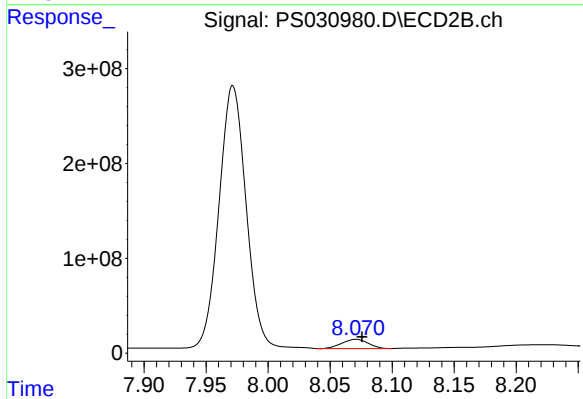
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 4162363982
Conc: 635.16 ng/ml



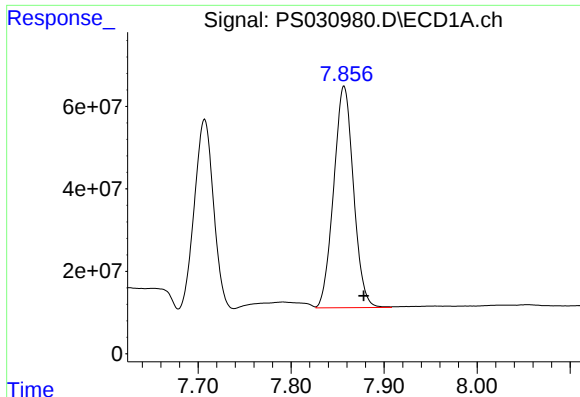
#6 MCP

R.T.: 7.707 min
Delta R.T.: -0.020 min
Response: 658424968
Conc: 70.13 ug/ml m



#6 MCP

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 143168913
Conc: 68.26 ug/ml



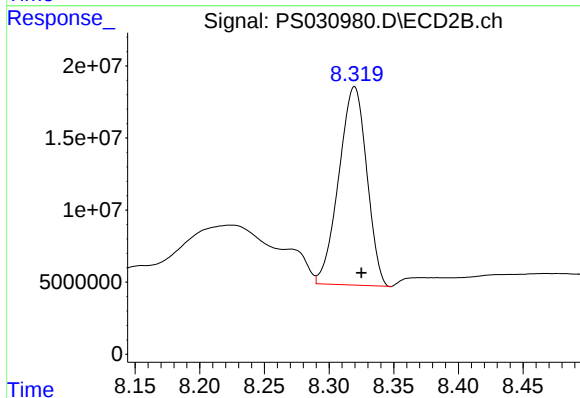
#7 MCPA

R.T.: 7.857 min
Delta R.T.: -0.021 min
Response: 795178873
Conc: 67.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

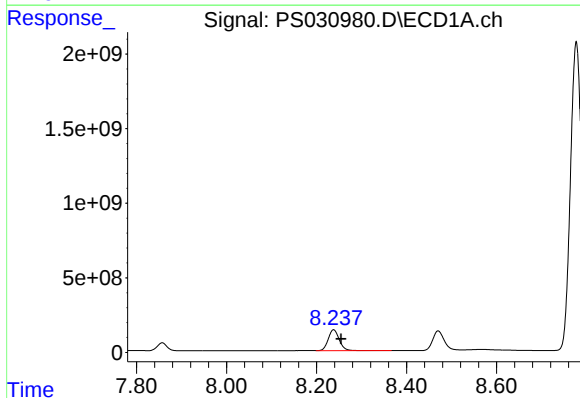
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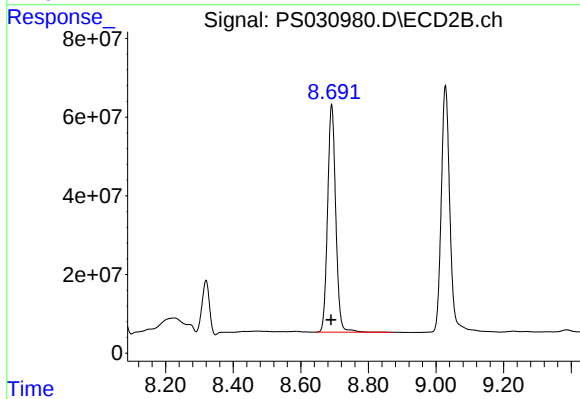
#7 MCPA

R.T.: 8.320 min
Delta R.T.: -0.005 min
Response: 206642610
Conc: 65.69 ug/ml



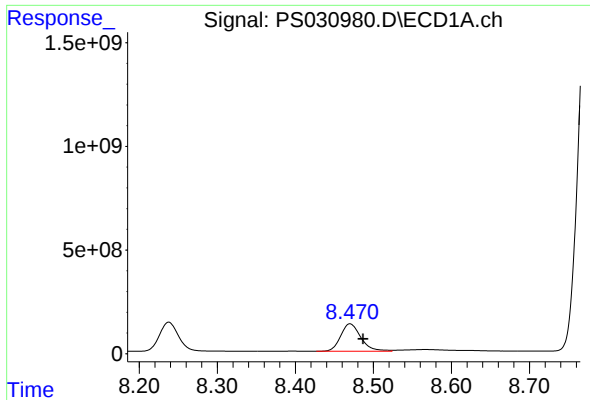
#8 DICHLORPROP

R.T.: 8.238 min
Delta R.T.: -0.017 min
Response: 2396587699
Conc: 639.81 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.001 min
Response: 969827044
Conc: 616.74 ng/ml



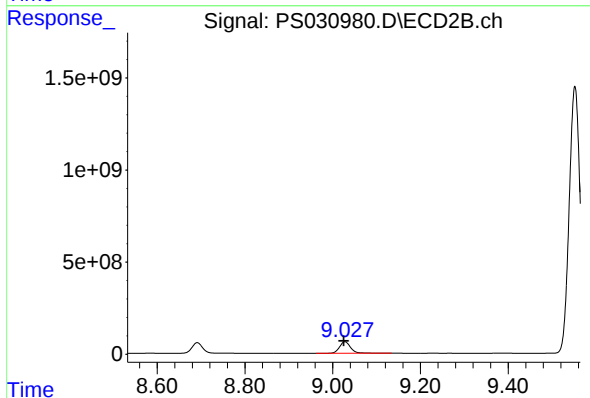
#9 2,4-D

R.T.: 8.470 min
Delta R.T.: -0.017 min
Response: 2376006058
Conc: 689.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

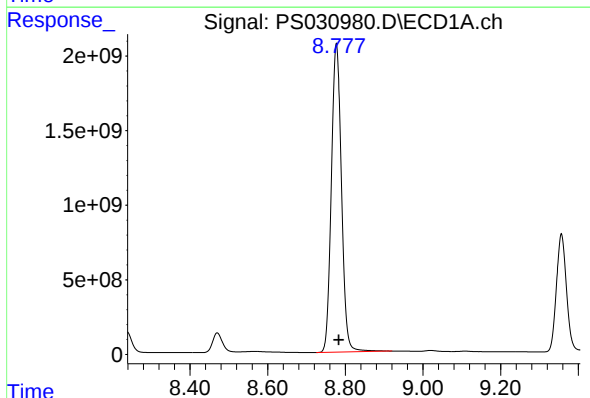
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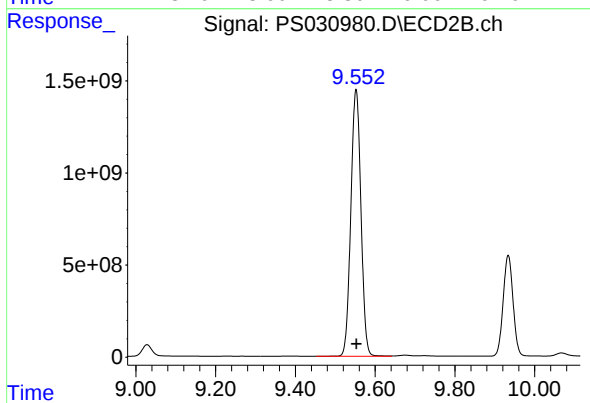
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.002 min
Response: 1093779674
Conc: 643.63 ng/ml m



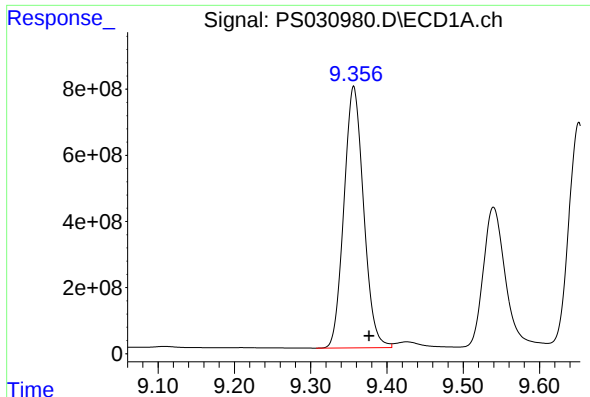
#10 Pentachlorophenol

R.T.: 8.777 min
Delta R.T.: -0.006 min
Response: 37334017650
Conc: 705.41 ng/ml m



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 25412540963
Conc: 666.61 ng/ml



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

R.T.: 9.356 min
Delta R.T.: -0.020 min
Response: 14157331059
Conc: 706.79 ng/ml

Instrument :

ECD_S

ClientSampleId :

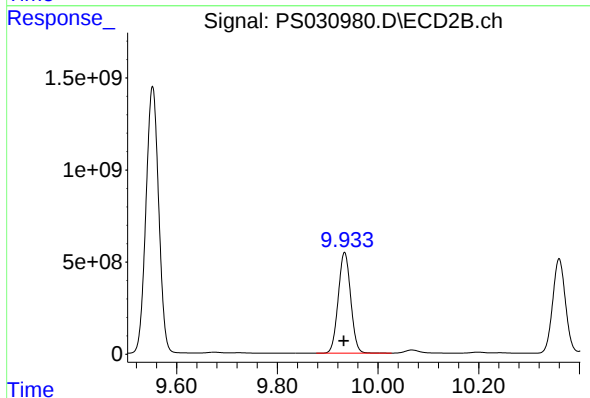
HSTDCCC750

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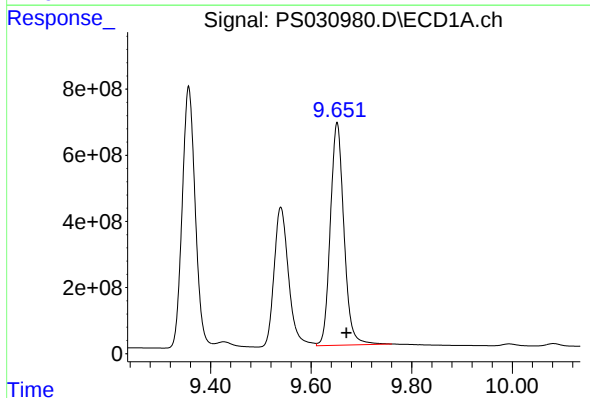
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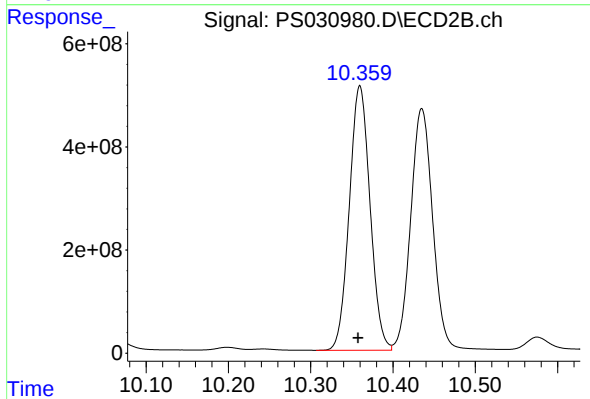
#11 2,4,5-TP (SILVEX)

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 9417661025
Conc: 652.70 ng/ml



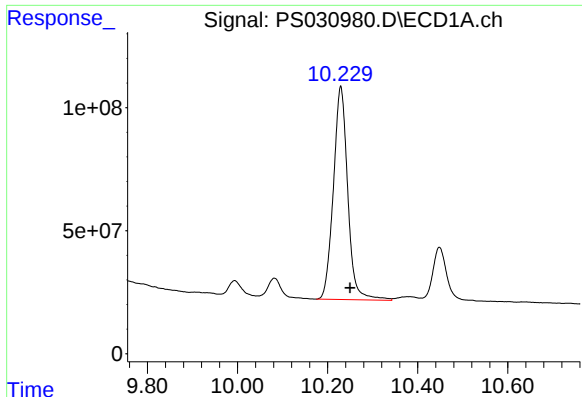
#12 2,4,5-T

R.T.: 9.652 min
Delta R.T.: -0.019 min
Response: 12620092099
Conc: 767.03 ng/ml



#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: 0.002 min
Response: 8980325513
Conc: 657.20 ng/ml



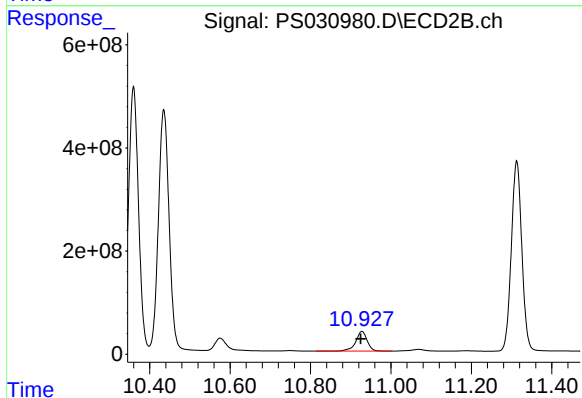
#13 2,4-DB

R.T.: 10.229 min
Delta R.T.: -0.021 min
Response: 1916619041
Conc: 835.67 ng/ml

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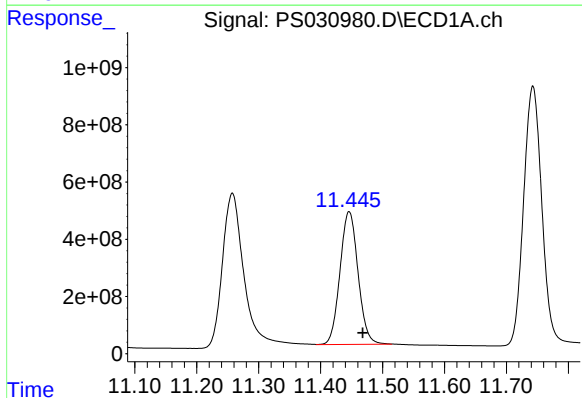
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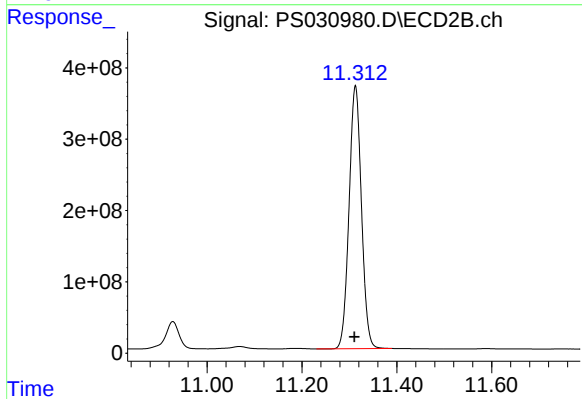
#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: 0.003 min
Response: 756219709
Conc: 639.29 ng/ml



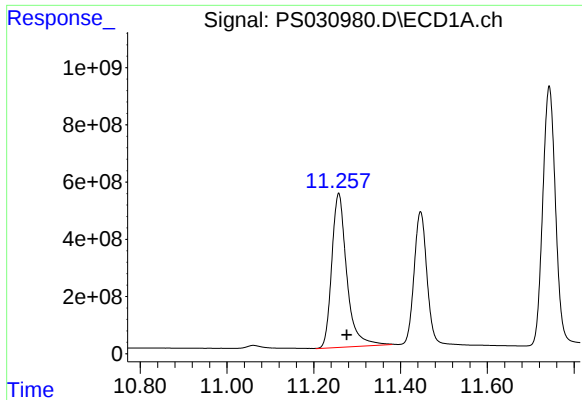
#14 DINOSEB

R.T.: 11.445 min
Delta R.T.: -0.023 min
Response: 9418369412
Conc: 678.89 ng/ml m



#14 DINOSEB

R.T.: 11.313 min
Delta R.T.: 0.002 min
Response: 6667968978
Conc: 618.48 ng/ml



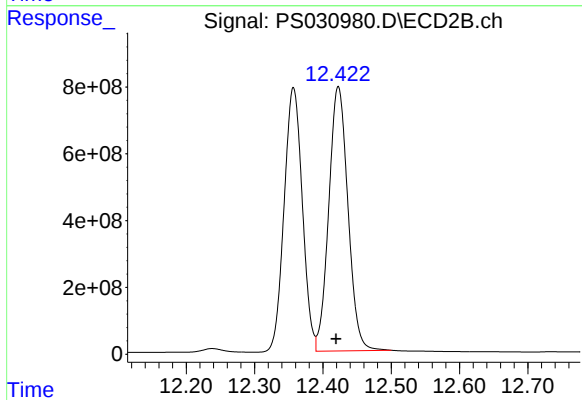
#15 Picloram

R.T.: 11.257 min
Delta R.T.: -0.019 min
Response: 12932033169
Conc: 804.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
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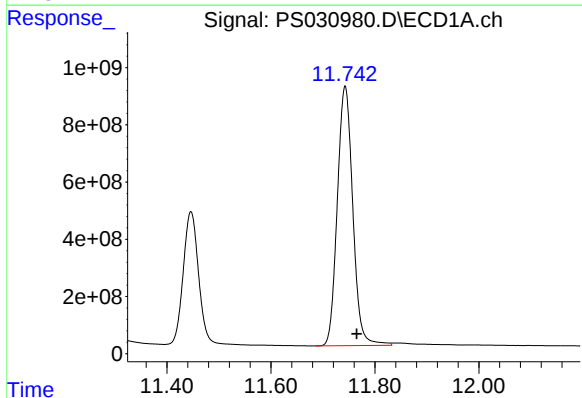
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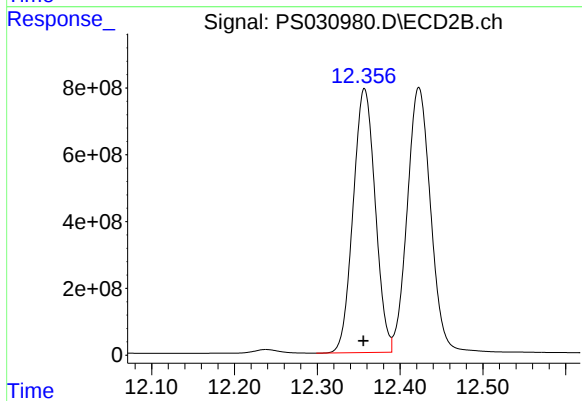
#15 Picloram

R.T.: 12.423 min
Delta R.T.: 0.003 min
Response: 15438882455
Conc: 664.28 ng/ml



#16 DCPA

R.T.: 11.743 min
Delta R.T.: -0.022 min
Response: 18731099982
Conc: 731.22 ng/ml



#16 DCPA

R.T.: 12.357 min
Delta R.T.: 0.001 min
Response: 14635542641
Conc: 663.96 ng/ml