

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070925\
 Data File : PS030962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 12:48
 Operator : AR\AJ
 Sample : Q2493-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-11MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/10/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:41:31 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	7.337	7.770	1798.3E6	456.4E6	489.414	425.726
Target Compounds							
1) T	Dalapon	2.668f	2.685	2323.0E6	1850.4E6	389.392m	674.887m#
2) T	3,5-DICHL...	6.498	6.715	2034.9E6	622.9E6	378.403	386.157
5) T	DICAMBA	7.526	7.972	5612.9E6	2333.9E6	368.900m	356.146
6) T	MCPD	7.707	8.073	345.4E6	78973867	36.790m	37.655
7) T	MCPA	7.857	8.317	527.3E6	92112621	44.951m	29.282 #
8) T	DICHLORPROP	8.240	8.692	1330.4E6	600.8E6	355.184m	382.086
9) T	2,4-D	8.459f	9.028	5165.4E6	581.0E6	1499.645m	341.906 #
10) T	Pentachlo...	8.778	9.552	8566.2E6	5754.5E6	161.854m	150.948m
11) T	2,4,5-TP ...	9.359	9.934	7694.9E6	5494.1E6	384.159	380.778m
12) T	2,4,5-T	9.653	10.360	6974.3E6	5173.3E6	423.890	378.590m
13) T	2,4-DB	10.231	10.928	770.8E6	375.9E6	336.068m	317.757
15) T	Picloram	11.258	12.423	6321.9E6	6910.1E6	393.249m	297.317m
16) T	DCPA	11.742	12.358	8511.9E6	8724.7E6	332.286	395.807m

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

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Operator : AR\AJ
Sample : Q2493-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

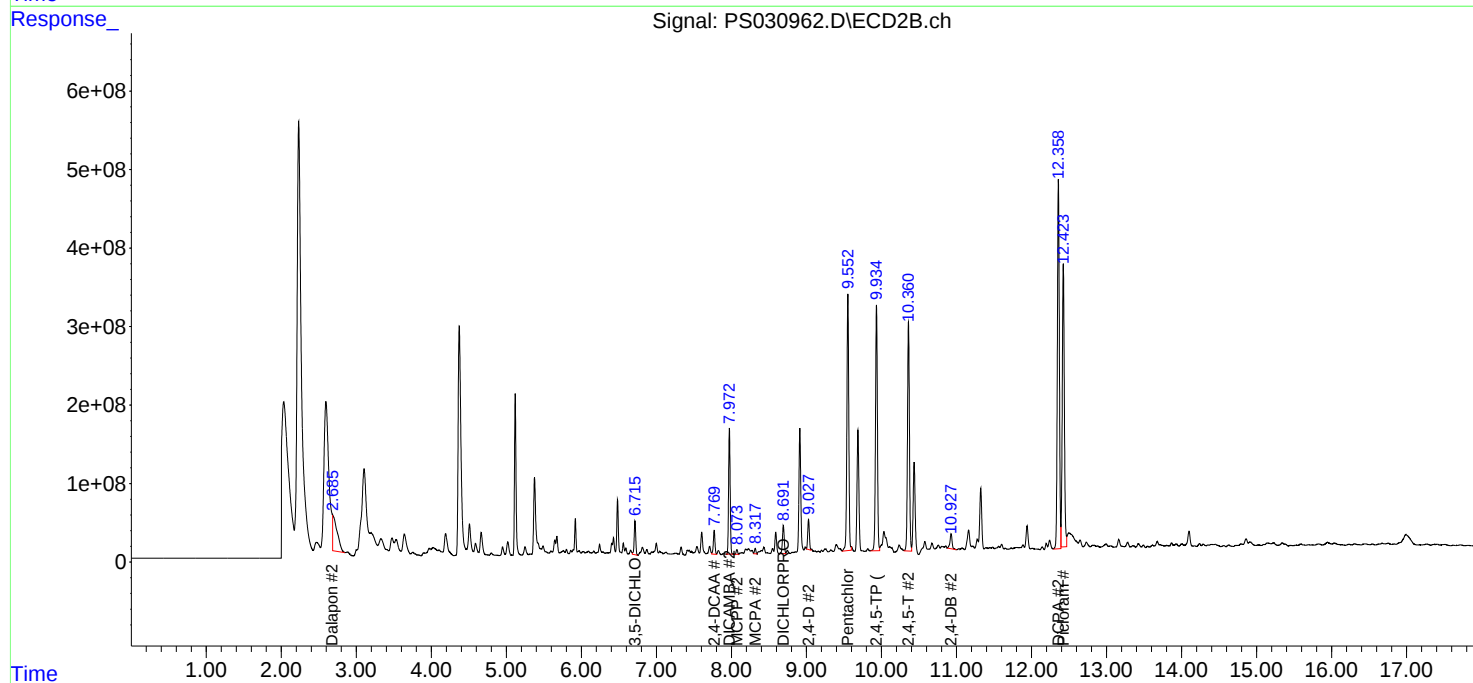
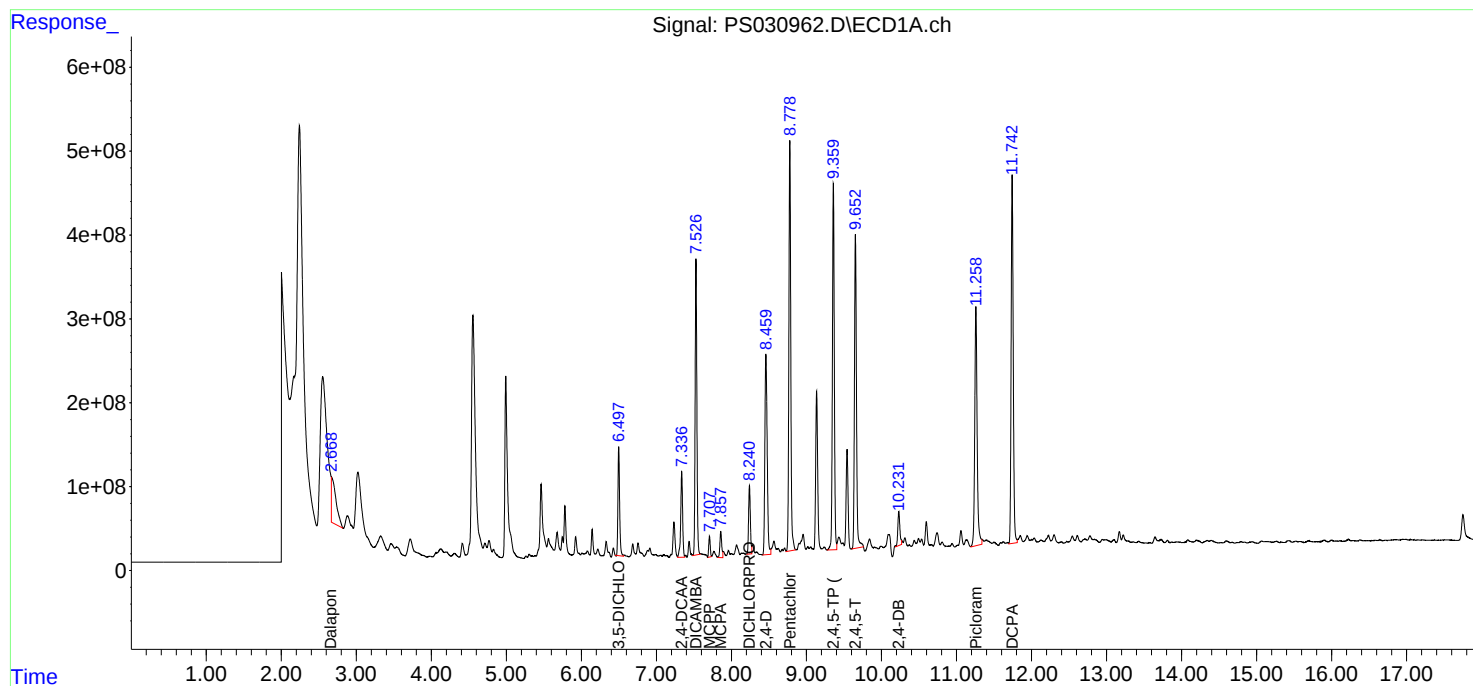
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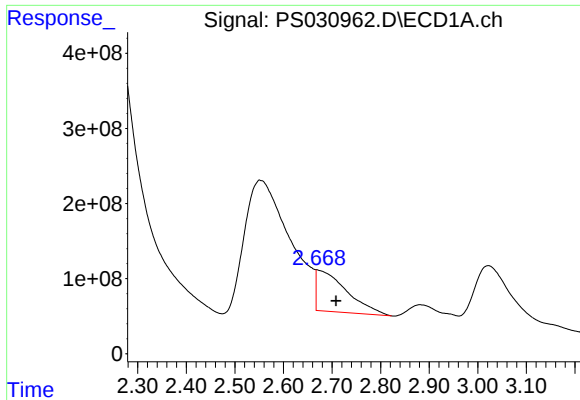
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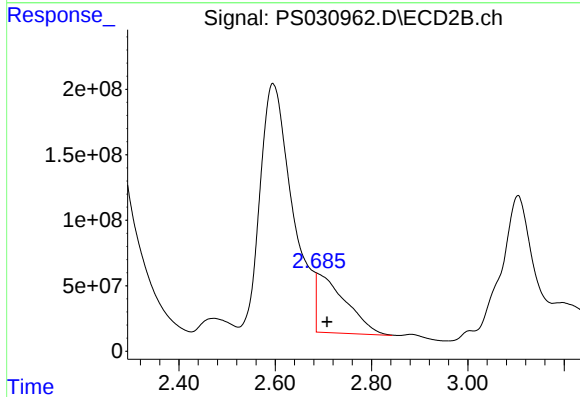
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.041 min
Response: 2322967864
Conc: 389.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

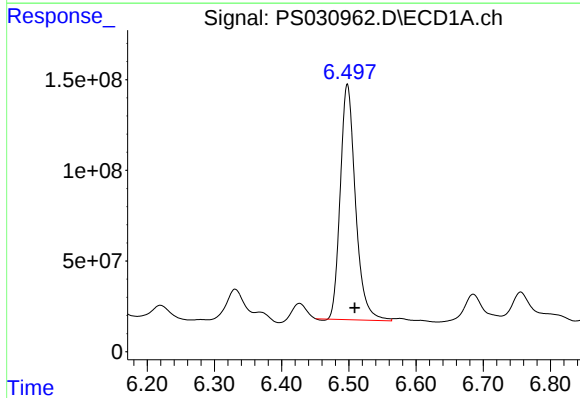
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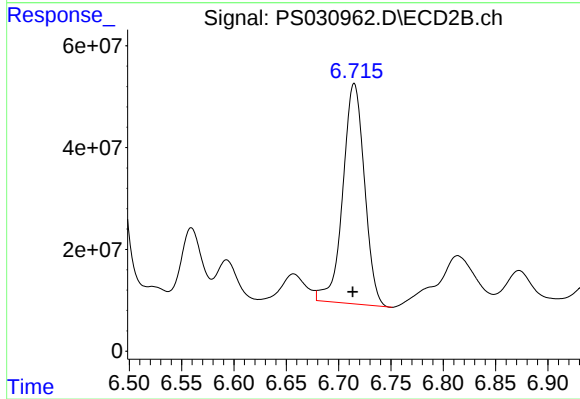
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: -0.022 min
Response: 1850366453
Conc: 674.89 ng/ml m



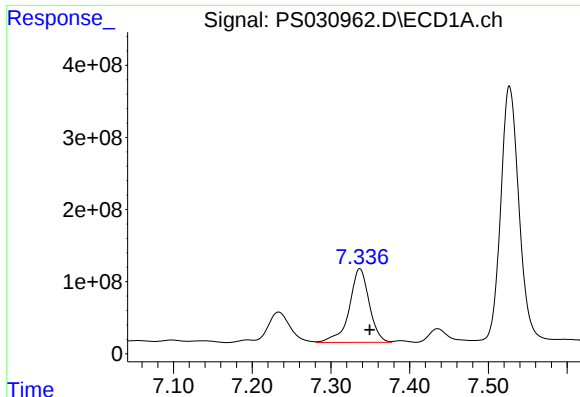
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.498 min
Delta R.T.: -0.011 min
Response: 2034881773
Conc: 378.40 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 622928461
Conc: 386.16 ng/ml



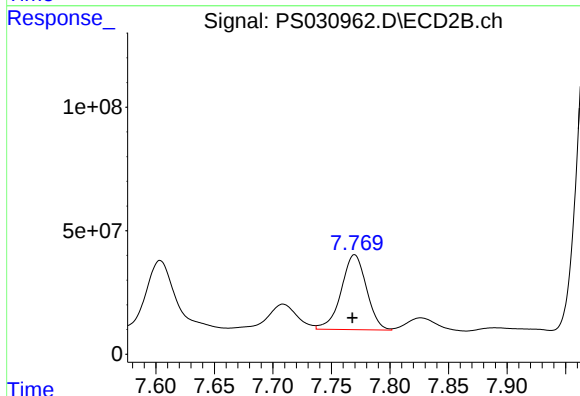
#4 2,4-DCAA

R.T.: 7.337 min
Delta R.T.: -0.013 min
Response: 1798300271
Conc: 489.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

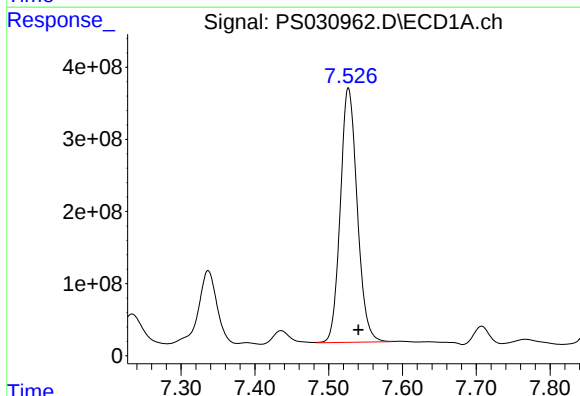
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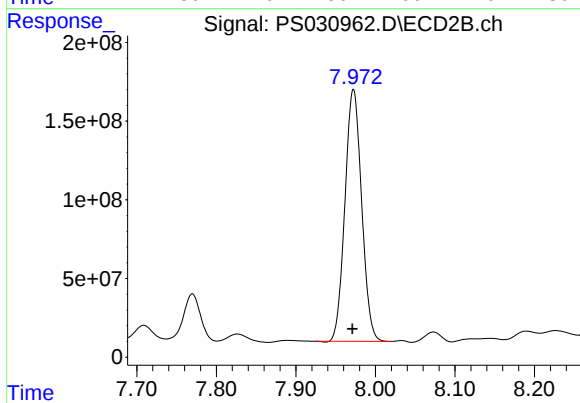
#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 456362967
Conc: 425.73 ng/ml



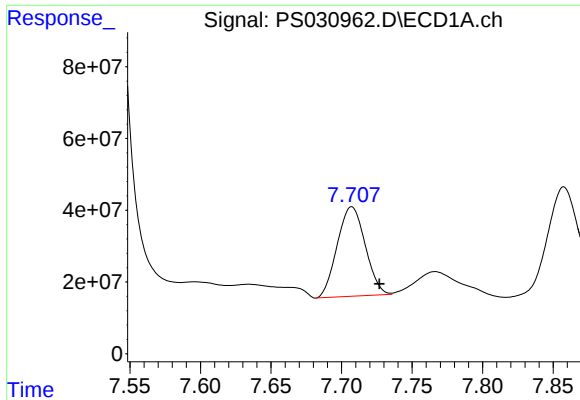
#5 DICAMBA

R.T.: 7.526 min
Delta R.T.: -0.014 min
Response: 5612851953
Conc: 368.90 ng/ml m



#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.001 min
Response: 2333899100
Conc: 356.15 ng/ml



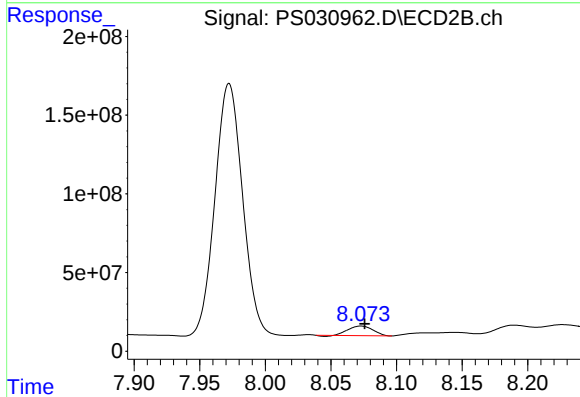
#6 MCPP

R.T.: 7.707 min
Delta R.T.: -0.020 min
Response: 345399668
Conc: 36.79 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

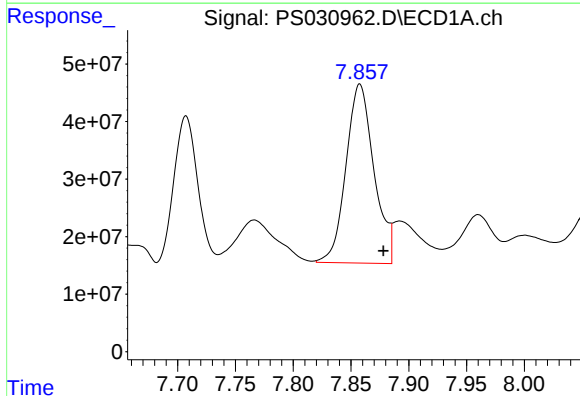
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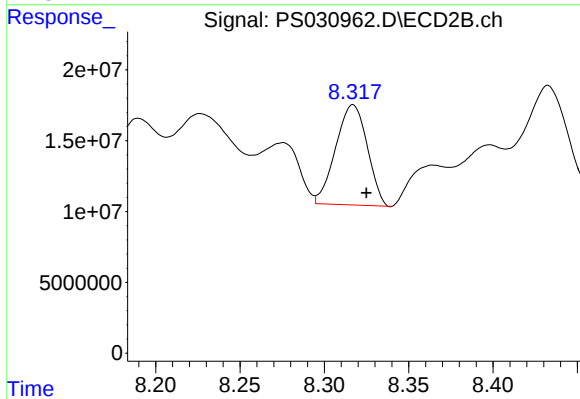
#6 MCPP

R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 78973867
Conc: 37.65 ug/ml



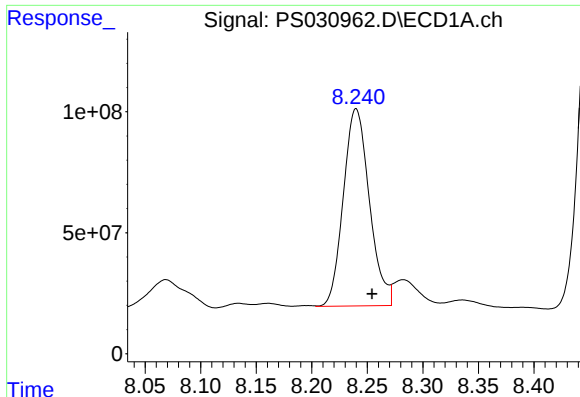
#7 MCPA

R.T.: 7.857 min
Delta R.T.: -0.021 min
Response: 527304965
Conc: 44.95 ug/ml m



#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 92112621
Conc: 29.28 ug/ml



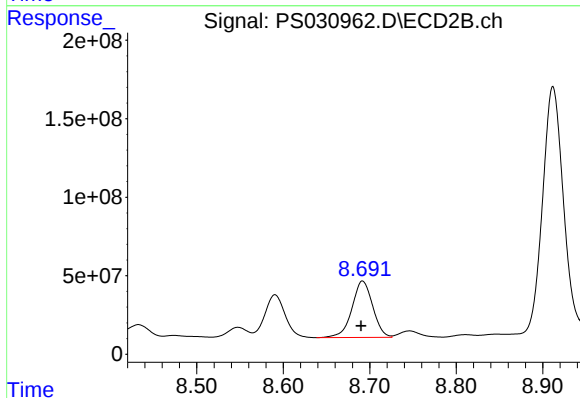
#8 DICHLORPROP

R.T.: 8.240 min
Delta R.T.: -0.015 min
Response: 1330435206
Conc: 355.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

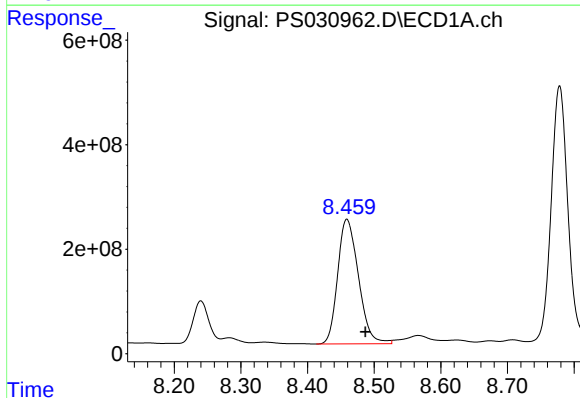
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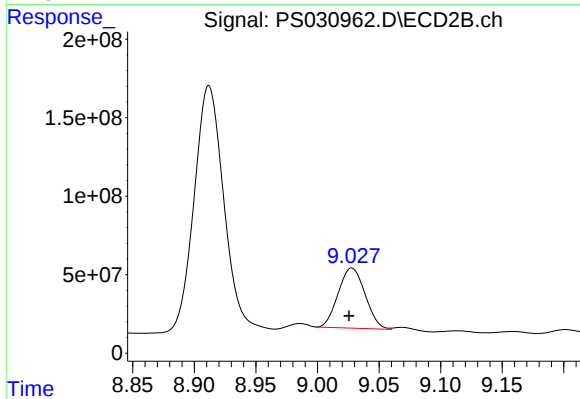
#8 DICHLORPROP

R.T.: 8.692 min
Delta R.T.: 0.002 min
Response: 600828143
Conc: 382.09 ng/ml



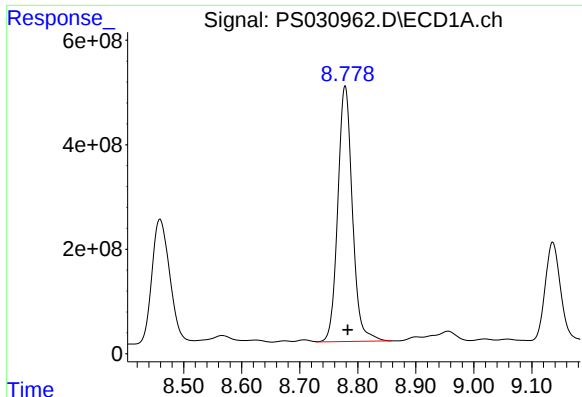
#9 2,4-D

R.T.: 8.459 min
Delta R.T.: -0.028 min
Response: 5165396852
Conc: 1499.65 ng/ml m



#9 2,4-D

R.T.: 9.028 min
Delta R.T.: 0.002 min
Response: 581036141
Conc: 341.91 ng/ml



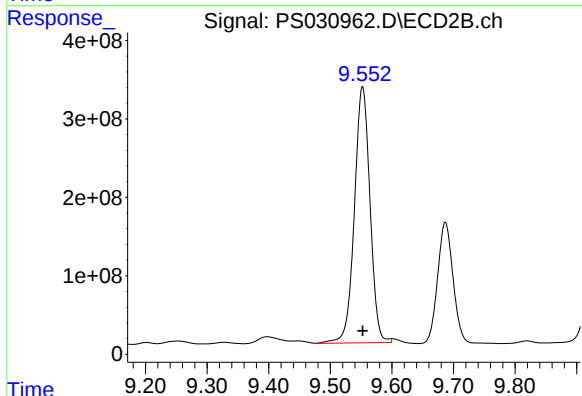
#10 Pentachlorophenol

R.T.: 8.778 min
Delta R.T.: -0.005 min
Response: 8566179852
Conc: 161.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-11MSD

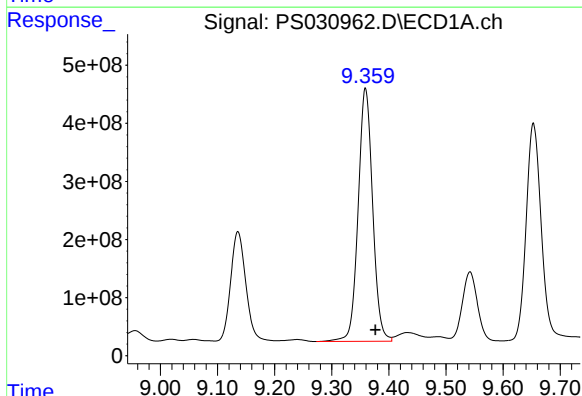
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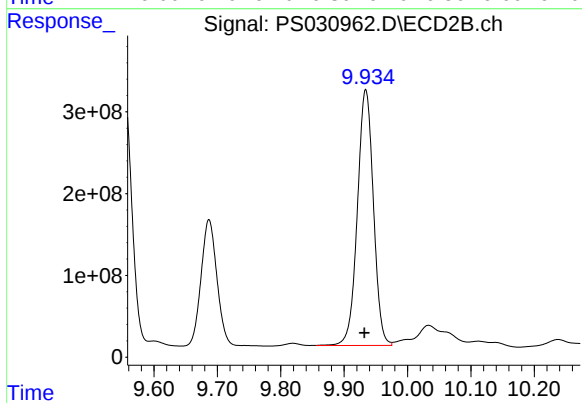
#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 5754452300
Conc: 150.95 ng/ml m



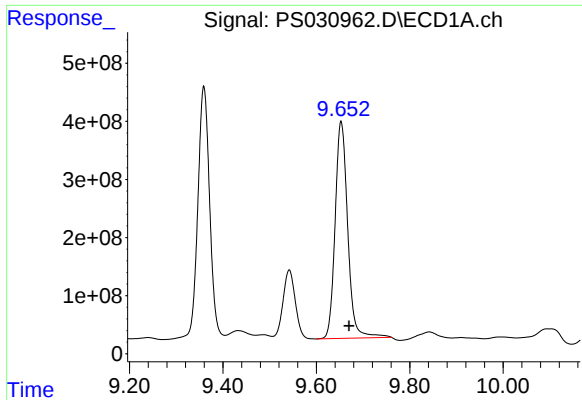
#11 2,4,5-TP (SILVEX)

R.T.: 9.359 min
Delta R.T.: -0.017 min
Response: 7694860600
Conc: 384.16 ng/ml



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

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 5494127272
Conc: 380.78 ng/ml m



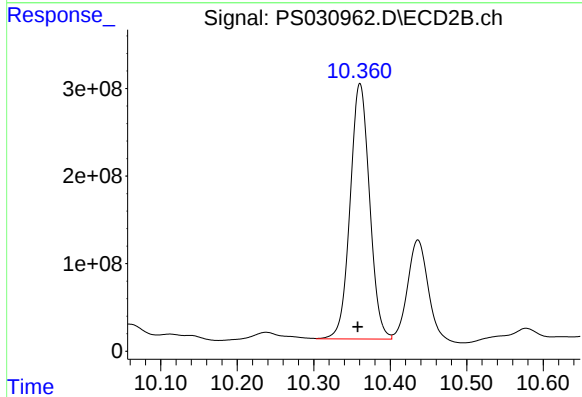
#12 2,4,5-T

R.T.: 9.653 min
Delta R.T.: -0.017 min
Response: 6974331026
Conc: 423.89 ng/ml

Instrument :
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ClientSampleId :
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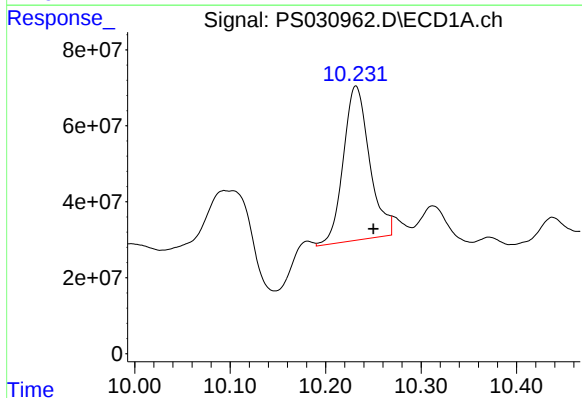
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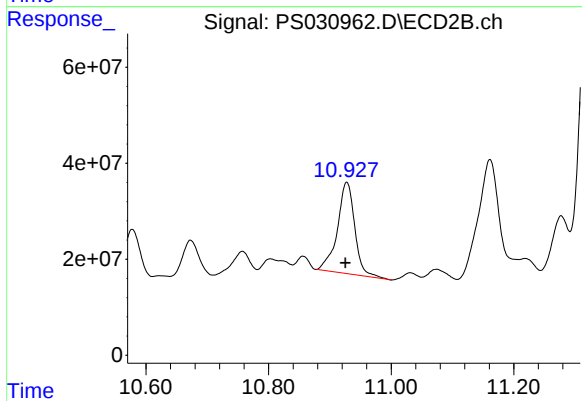
#12 2,4,5-T

R.T.: 10.360 min
Delta R.T.: 0.002 min
Response: 5173294387
Conc: 378.59 ng/ml m



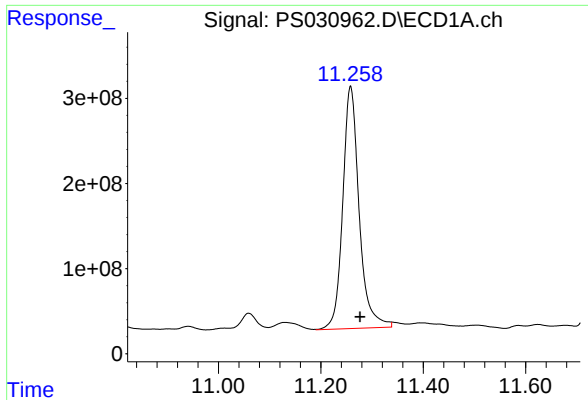
#13 2,4-DB

R.T.: 10.231 min
Delta R.T.: -0.018 min
Response: 770771811
Conc: 336.07 ng/ml m



#13 2,4-DB

R.T.: 10.928 min
Delta R.T.: 0.002 min
Response: 375875329
Conc: 317.76 ng/ml



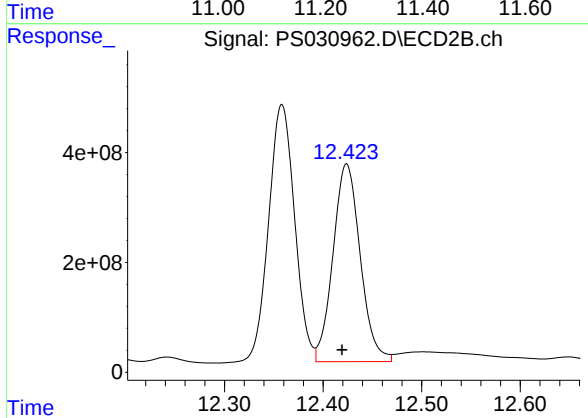
#15 Picloram

R.T.: 11.258 min
Delta R.T.: -0.019 min
Response: 6321909736
Conc: 393.25 ng/ml

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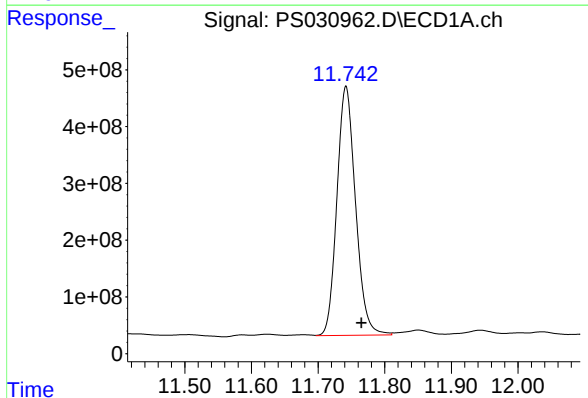
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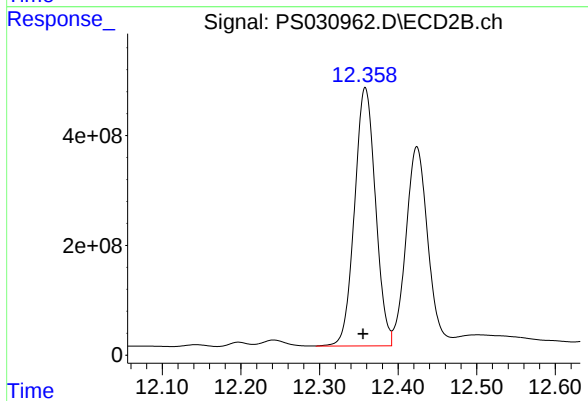
#15 Picloram

R.T.: 12.423 min
Delta R.T.: 0.004 min
Response: 6910079853
Conc: 297.32 ng/ml m



#16 DCPA

R.T.: 11.742 min
Delta R.T.: -0.023 min
Response: 8511932495
Conc: 332.29 ng/ml



#16 DCPA

R.T.: 12.358 min
Delta R.T.: 0.002 min
Response: 8724682505
Conc: 395.81 ng/ml m