

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092425\
 Data File : PS031826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2025 11:53
 Operator : AR\AJ
 Sample : Q3117-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 7211986-357MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/25/2025
 Supervised By :mohammad ahmed 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:57:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.284	7.743	780.1E6	222.7E6	216.606	245.046
Target Compounds							
1) T	Dalapon	2.669	2.692	1137.3E6	1075.5E6	196.732m	381.695m#
2) T	3,5-DICHL...	6.453	6.697	1031.2E6	299.9E6	193.351	196.647m
3) T	4-Nitroph...	7.095	7.300	329.0E6	307.8E6	298.187	243.758
5) T	DICAMBA	7.467	7.939	3079.8E6	1222.1E6	197.468	187.818
6) T	MCPD	7.643	8.033	152.8E6	21955834	17.094	11.658 #
7) T	MCPA	7.792	8.277	235.9E6	75927308	21.228	27.105 #
8) T	DICHLORPROP	8.177	8.656	688.5E6	248.3E6	193.315	170.662m
9) T	2,4-D	8.414	9.001	849.1E6	344.3E6	247.854	209.287
10) T	Pentachlo...	8.706	9.508	10278.4E6	7224.1E6	193.590	182.011
11) T	2,4,5-TP ...	9.284	9.891	3580.7E6	2671.3E6	170.725	177.443
12) T	2,4,5-T	9.581	10.322	3292.2E6	2406.0E6	179.918	178.791
13) T	2,4-DB	10.158	10.890	339.3E6	357.9E6	145.458m	334.504 #
14) T	DINOSEB	11.352	11.265	2284.2E6	1663.4E6	158.375m	171.122
15) T	Picloram	11.184	12.385	4386.5E6	4603.6E6	243.546	194.383
16) T	DCPA	11.650	12.305	8641.2E6	7787.9E6	320.639	323.096m

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

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Acq On : 24 Sep 2025 11:53
Operator : AR\AJ
Sample : Q3117-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

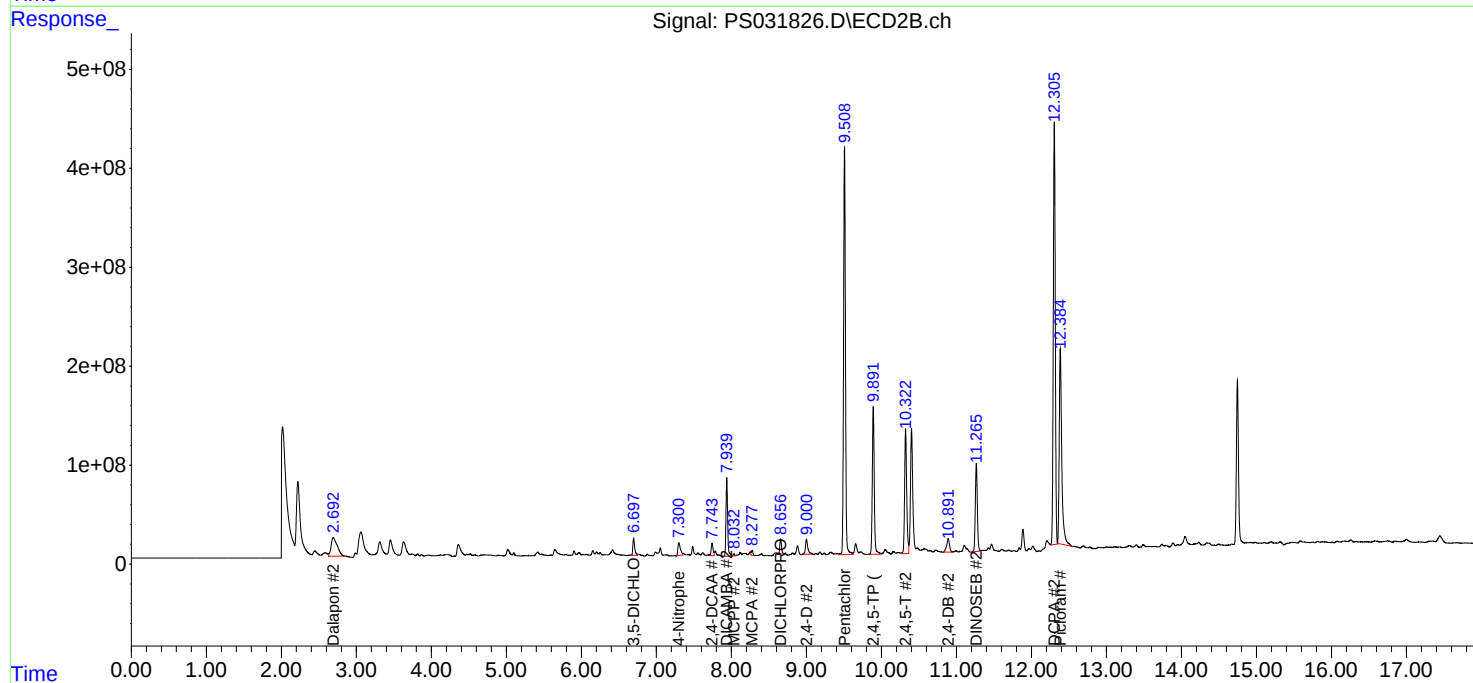
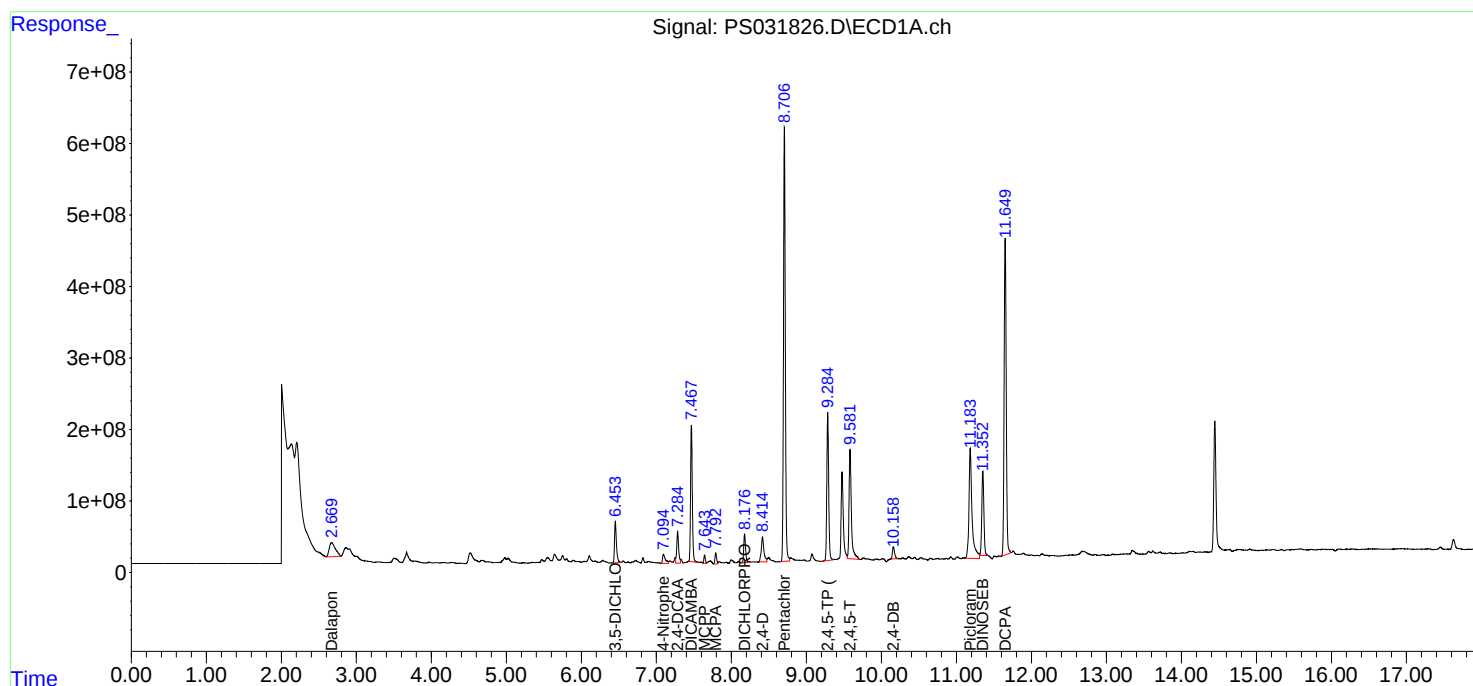
Instrument :
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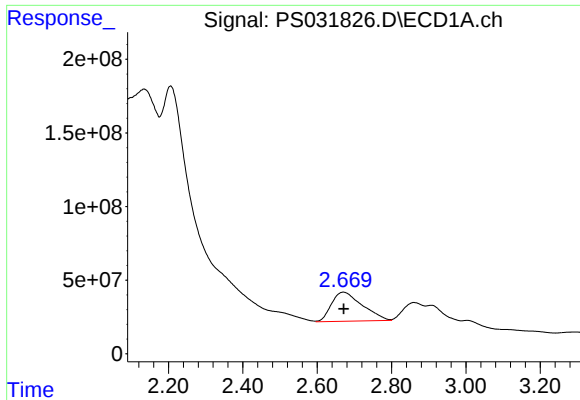
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Integration File signal 2: autoint2.e
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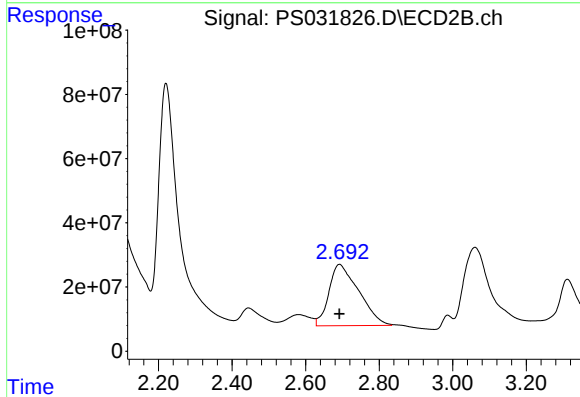
#1 Dalapon

R.T.: 2.669 min
Delta R.T.: -0.002 min
Response: 1137255087
Conc: 196.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

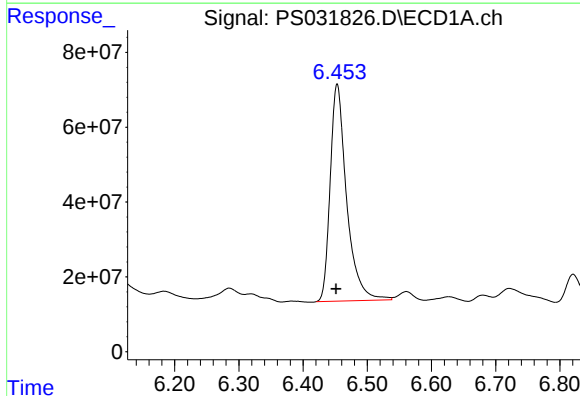
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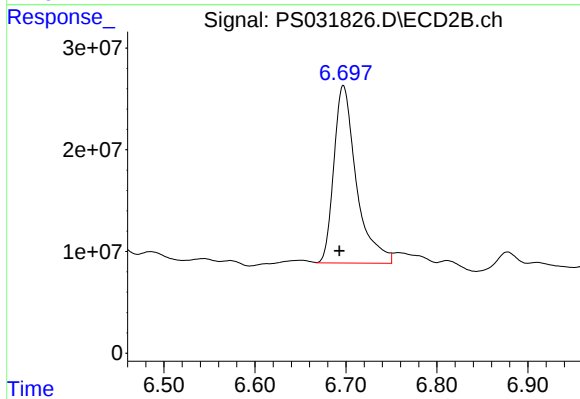
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 1075473659
Conc: 381.69 ng/ml m



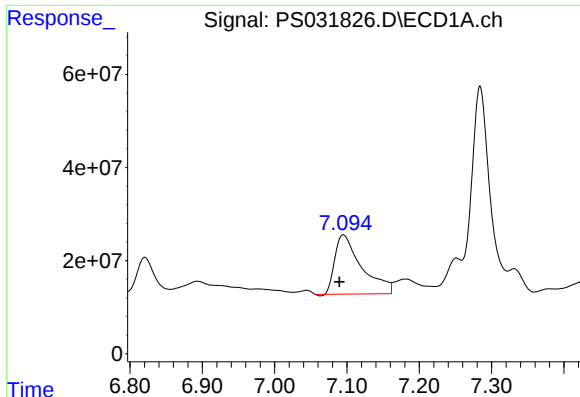
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.002 min
Response: 1031209068
Conc: 193.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 299879569
Conc: 196.65 ng/ml m



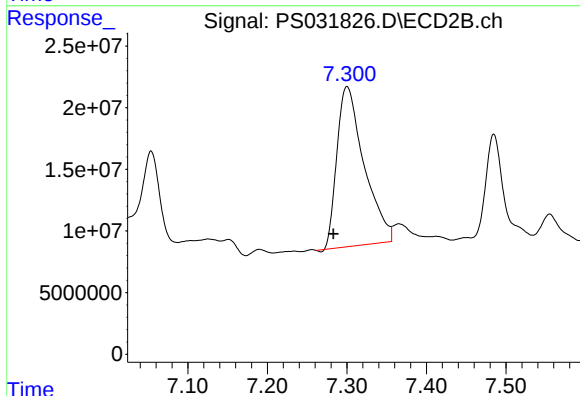
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.005 min
Response: 328963108
Conc: 298.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

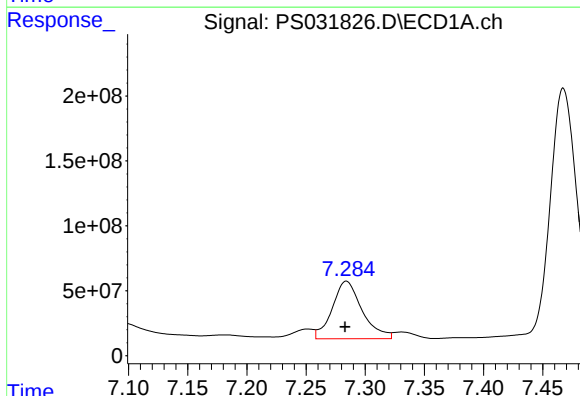
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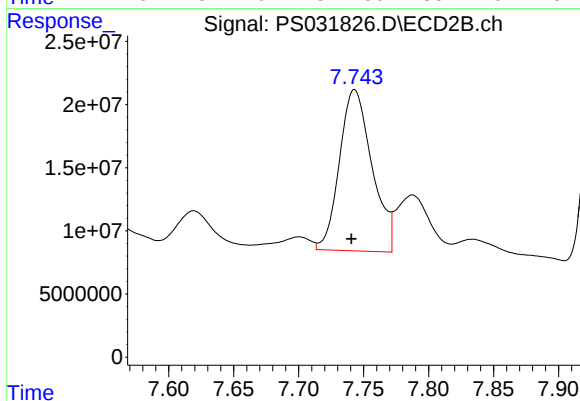
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.018 min
Response: 307814506
Conc: 243.76 ng/ml



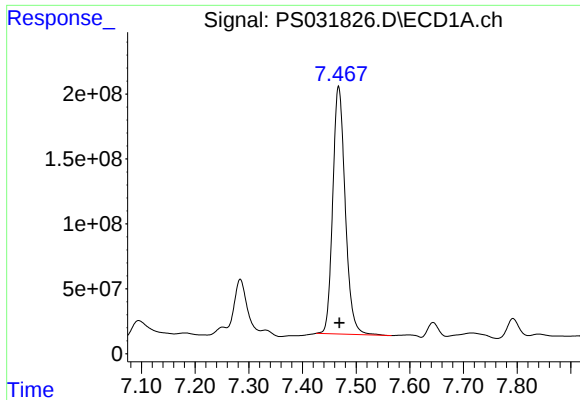
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 780110647
Conc: 216.61 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 222722188
Conc: 245.05 ng/ml



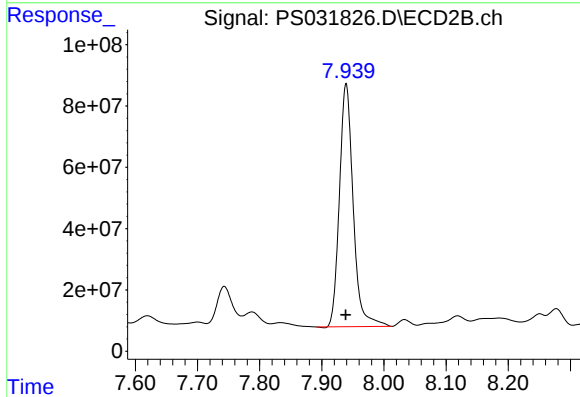
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: -0.001 min
Response: 3079844899
Conc: 197.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

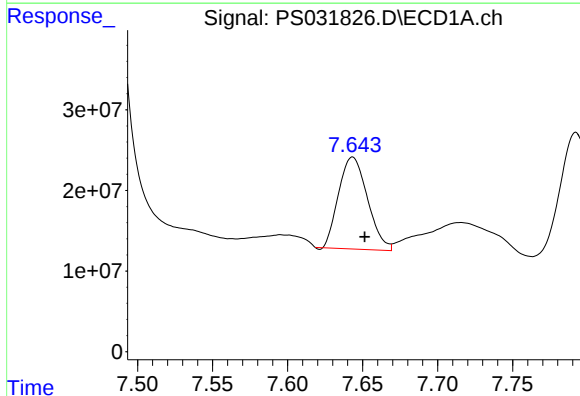
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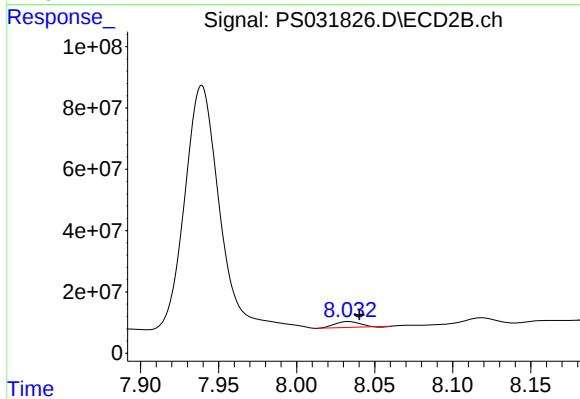
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 1222100169
Conc: 187.82 ng/ml



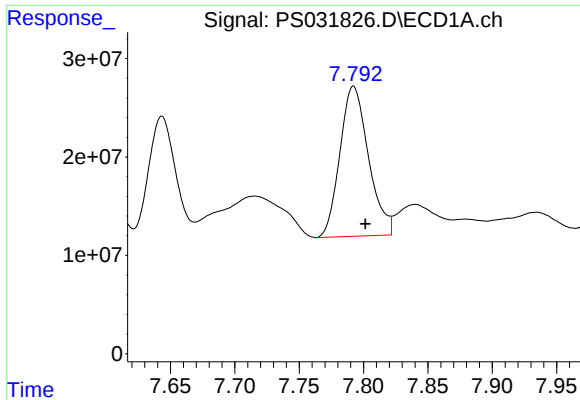
#6 MCPP

R.T.: 7.643 min
Delta R.T.: -0.008 min
Response: 152803295
Conc: 17.09 ug/ml



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 21955834
Conc: 11.66 ug/ml



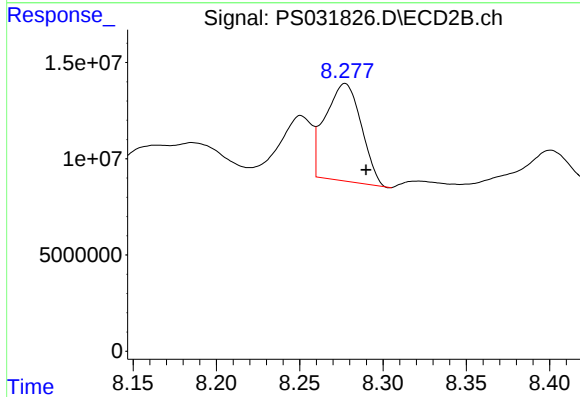
#7 MCPA

R.T.: 7.792 min
Delta R.T.: -0.009 min
Response: 235856852
Conc: 21.23 ug/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

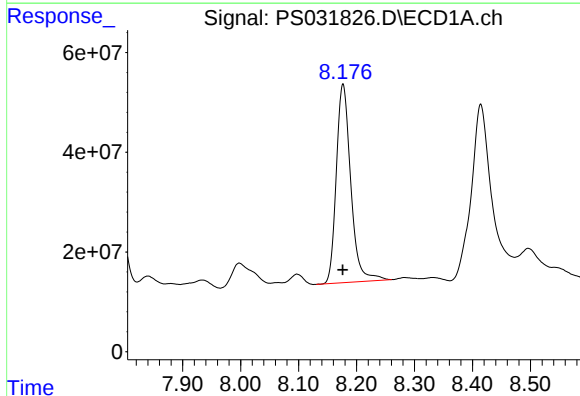
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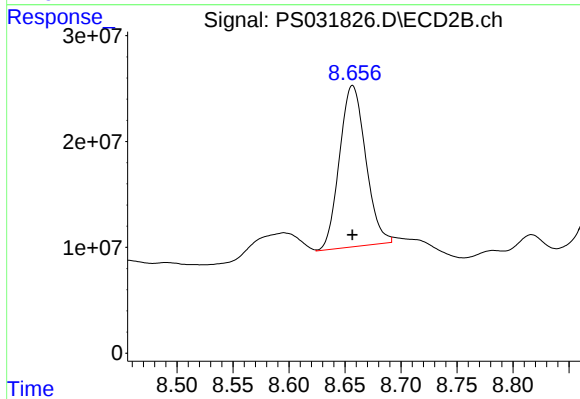
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.013 min
Response: 75927308
Conc: 27.11 ug/ml



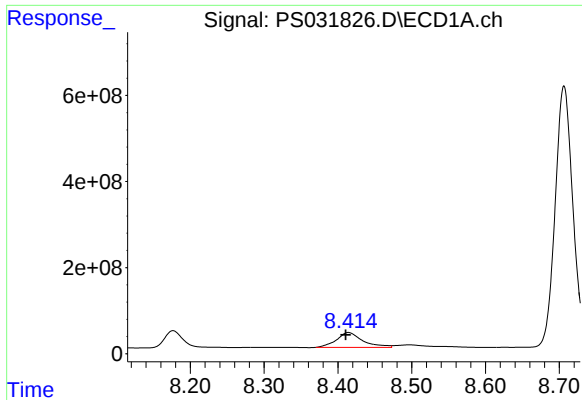
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 688543449
Conc: 193.32 ng/ml



#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 248323686
Conc: 170.66 ng/ml m



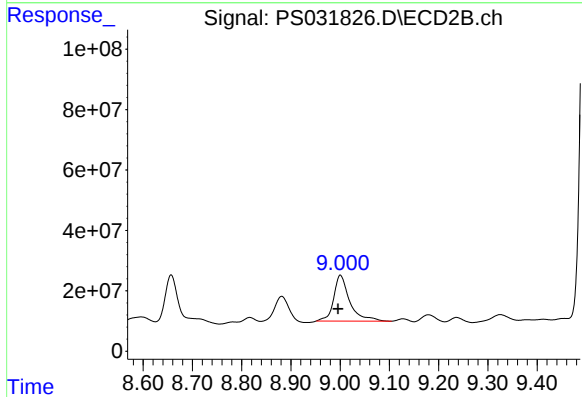
#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.004 min
Response: 849057551
Conc: 247.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

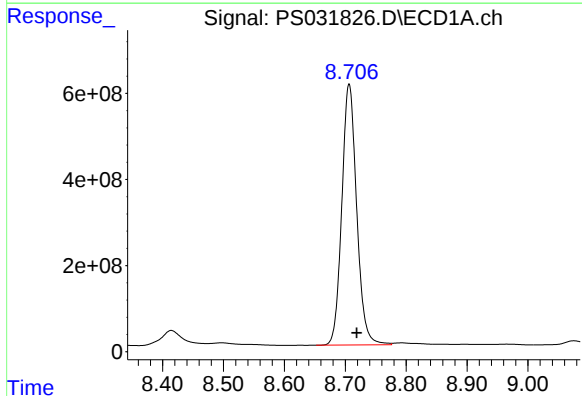
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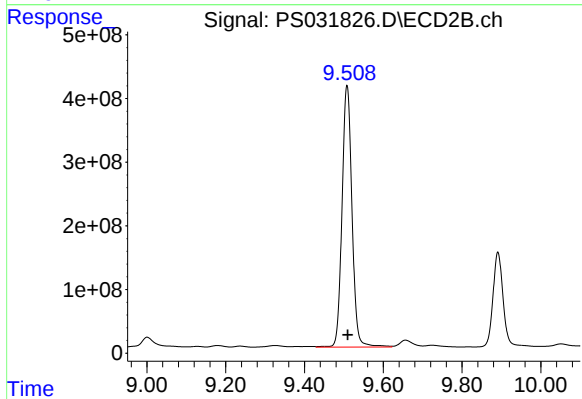
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 344299507
Conc: 209.29 ng/ml



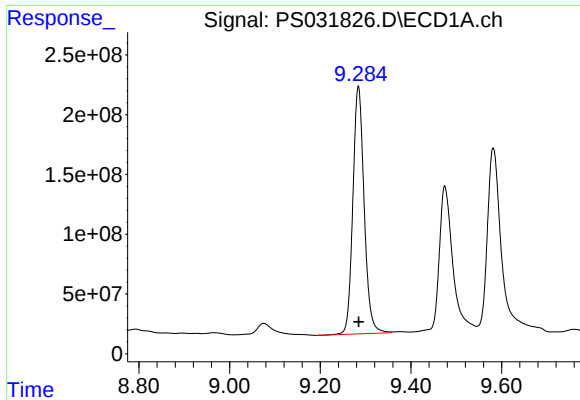
#10 Pentachlorophenol

R.T.: 8.706 min
Delta R.T.: -0.012 min
Response: 10278412756
Conc: 193.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.002 min
Response: 7224113423
Conc: 182.01 ng/ml



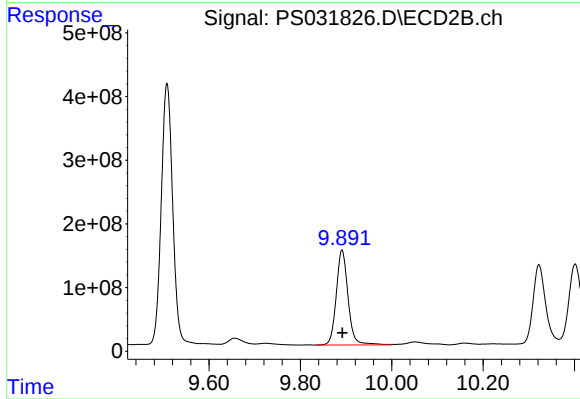
#11 2,4,5-TP (SILVEX)

R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 3580725098
Conc: 170.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

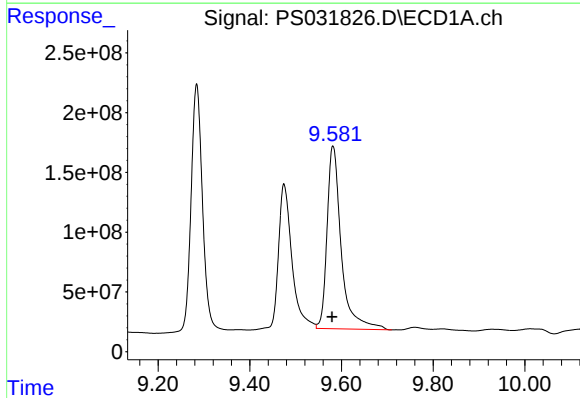
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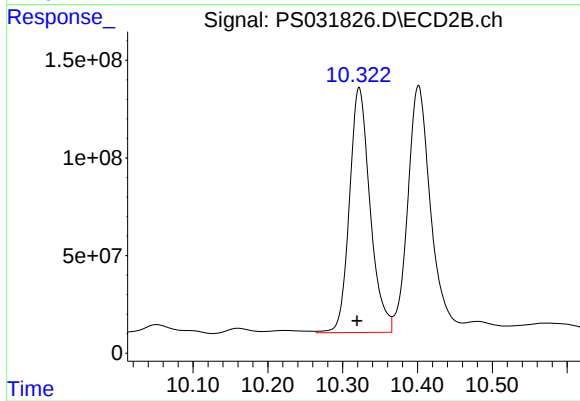
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 2671279678
Conc: 177.44 ng/ml



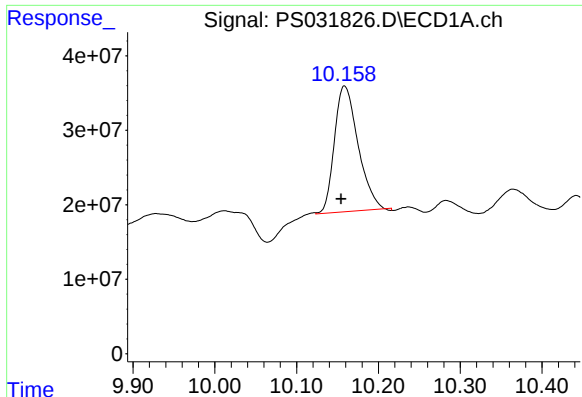
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.002 min
Response: 3292175873
Conc: 179.92 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 2405993991
Conc: 178.79 ng/ml



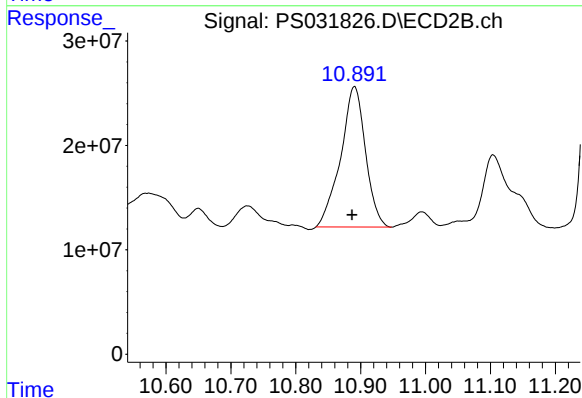
#13 2,4-DB

R.T.: 10.158 min
Delta R.T.: 0.003 min
Response: 339319325
Conc: 145.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
7211986-357MSD

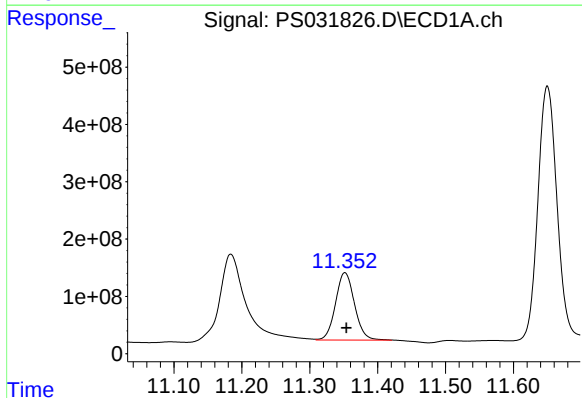
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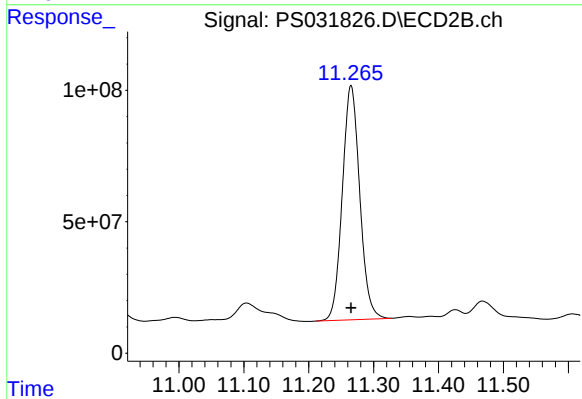
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: 0.004 min
Response: 357934200
Conc: 334.50 ng/ml



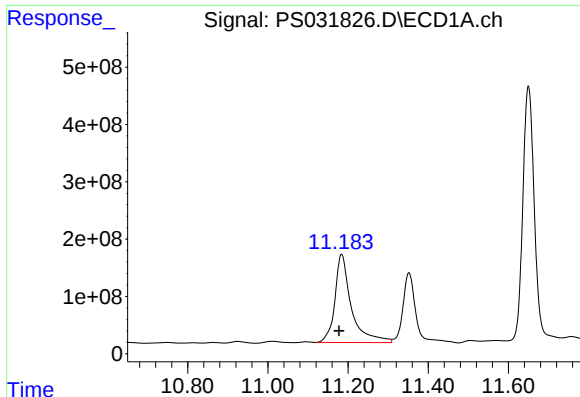
#14 DINOSEB

R.T.: 11.352 min
Delta R.T.: -0.003 min
Response: 2284191938
Conc: 158.37 ng/ml m



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 1663422263
Conc: 171.12 ng/ml



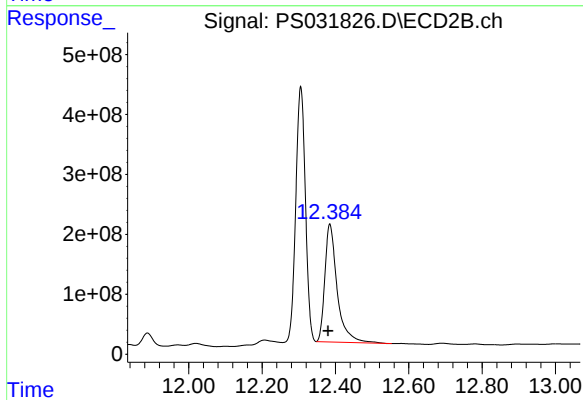
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.006 min
Response: 4386532967
Conc: 243.55 ng/ml

Instrument :
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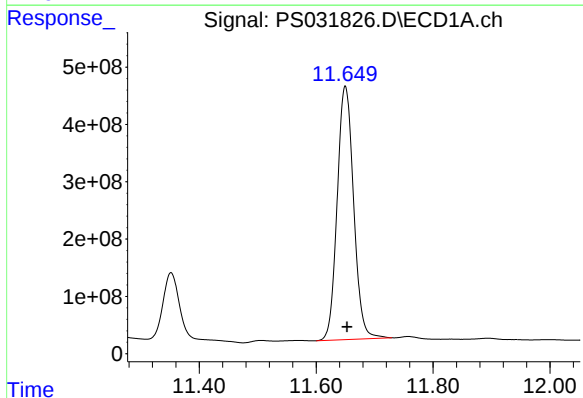
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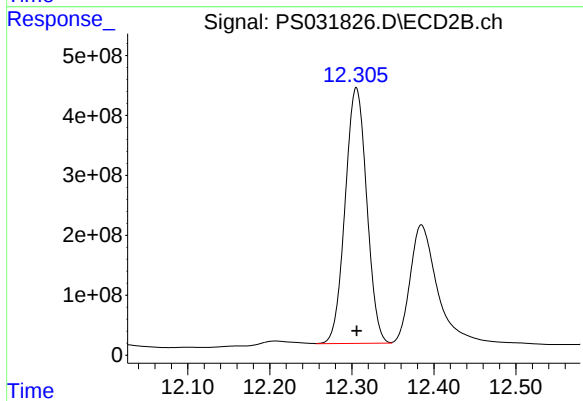
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.005 min
Response: 4603619648
Conc: 194.38 ng/ml



#16 DCPA

R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 8641192523
Conc: 320.64 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: -0.001 min
Response: 7787944912
Conc: 323.10 ng/ml m