

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061725\
 Data File : PS030726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:52
 Operator : AR\AJ
 Sample : Q2312-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/18/2025
 Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:19:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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	7.348	7.772	2782.1E6	776.1E6	739.773	718.772
Target Compounds							
2) T	3,5-DICHL...	6.508	6.714	2306.6E6	689.4E6	424.233m	426.151
5) T	DICAMBA	7.541	7.972	6049.1E6	2574.4E6	386.634	388.270
6) T	MCP	7.721	8.071	316.8E6	72896605	33.311	33.114
7) T	MCPA	7.870	8.317	483.3E6	101.2E6	40.552m	31.559
8) T	DICHLORPROP	8.255	8.690	1551.9E6	676.4E6	422.261	441.400
9) T	2,4-D	8.481	9.026	3475.9E6	666.4E6	1022.226	397.484m#
10) T	Pentachlo...	8.793	9.551	7450.8E6	3546.0E6	144.144m	93.474m#
11) T	2,4,5-TP ...	9.376	9.932	8711.3E6	5832.7E6	435.414	406.328m
12) T	2,4,5-T	9.672	10.358	8489.0E6	5556.1E6	510.522	402.952m
13) T	2,4-DB	10.250	10.926	852.4E6	522.8E6	344.922m	440.618 #
15) T	Picloram	11.276	12.420	7428.7E6	7768.9E6	444.935m	324.031 #
16) T	DCPA	11.762	12.355	8153.8E6	9043.2E6	313.909	421.092m#

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

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Sample : Q2312-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

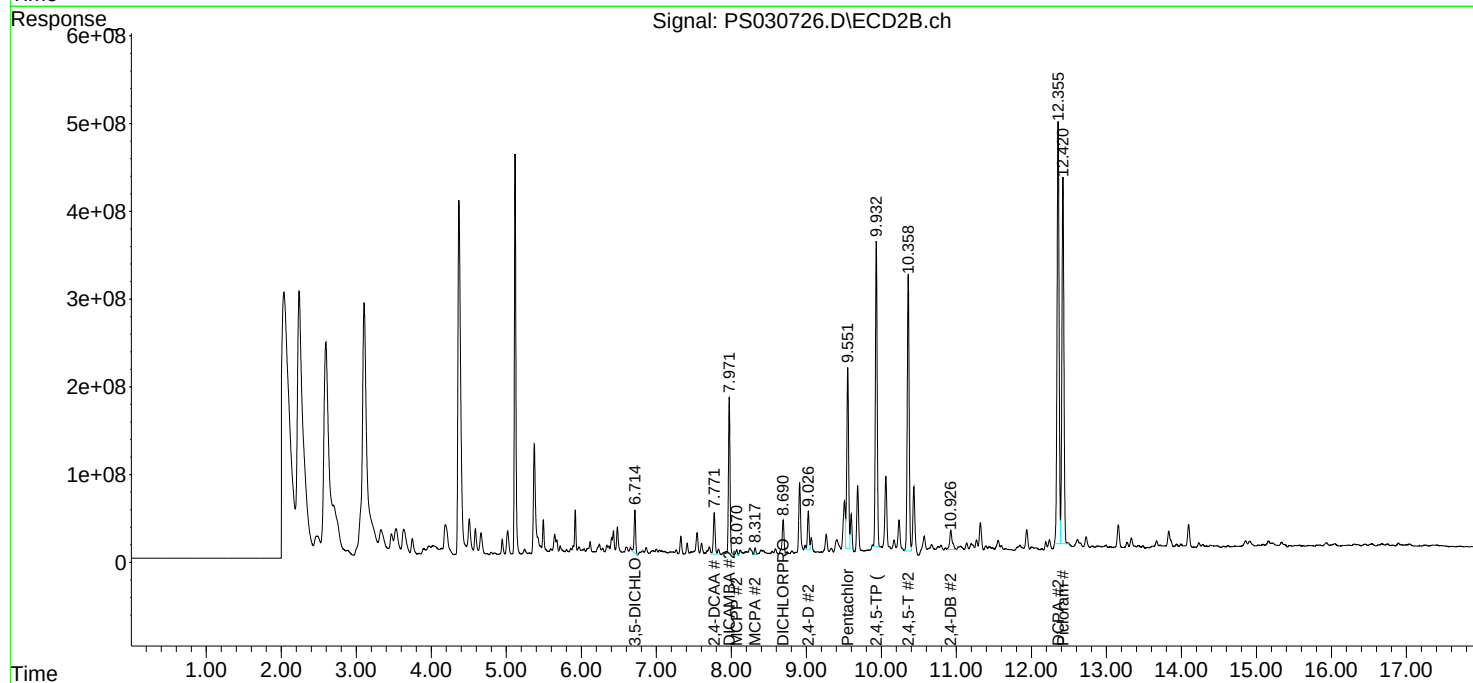
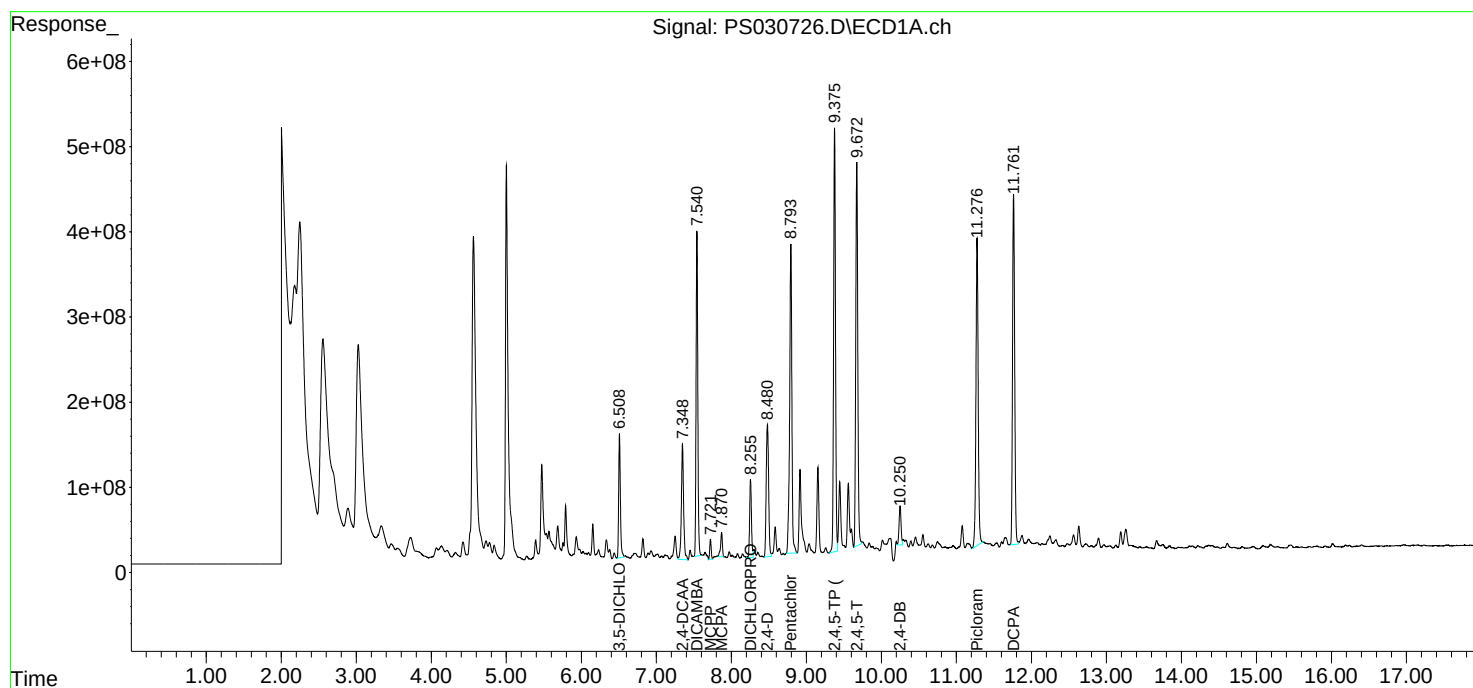
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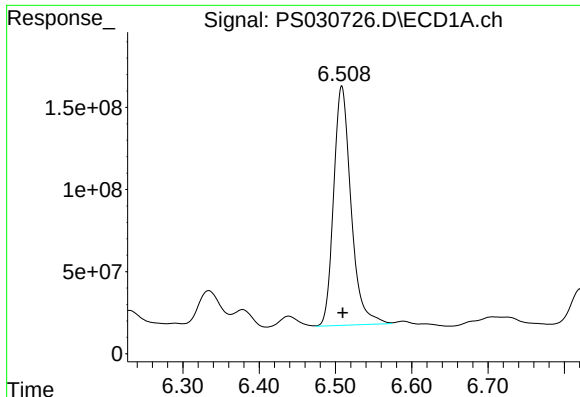
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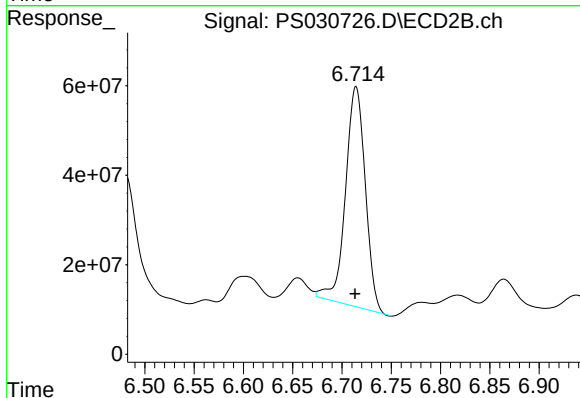
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: -0.002 min
Response: 2306577241
Conc: 424.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

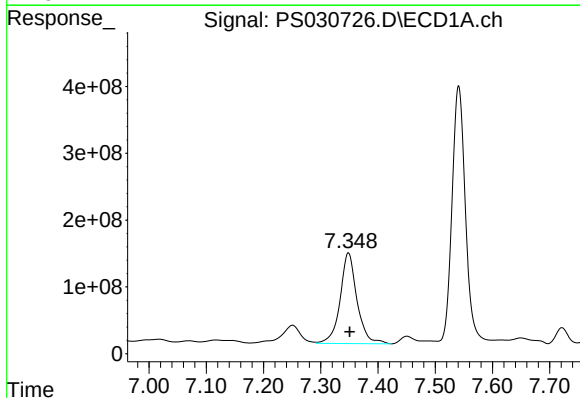
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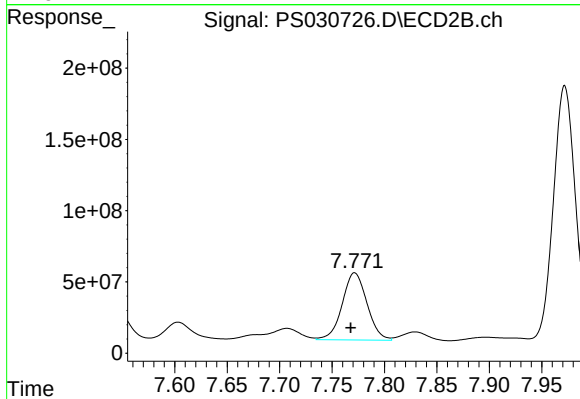
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 689375946
Conc: 426.15 ng/ml



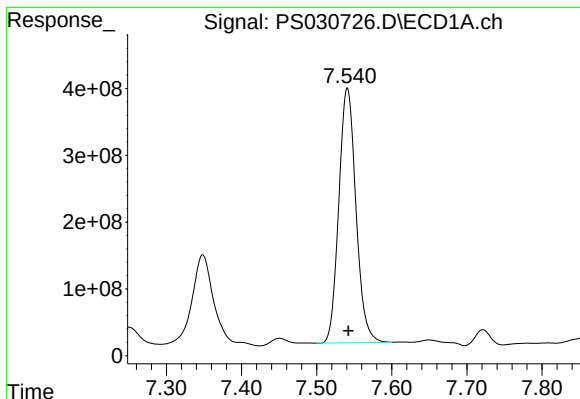
#4 2,4-DCAA

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 2782148429
Conc: 739.77 ng/ml



#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: 0.004 min
Response: 776051243
Conc: 718.77 ng/ml



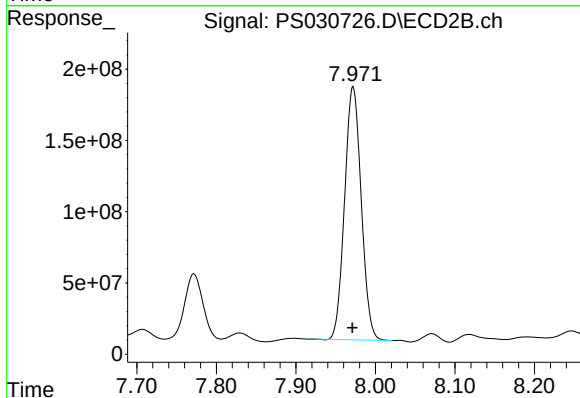
#5 DICAMBA

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 6049102779
Conc: 386.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

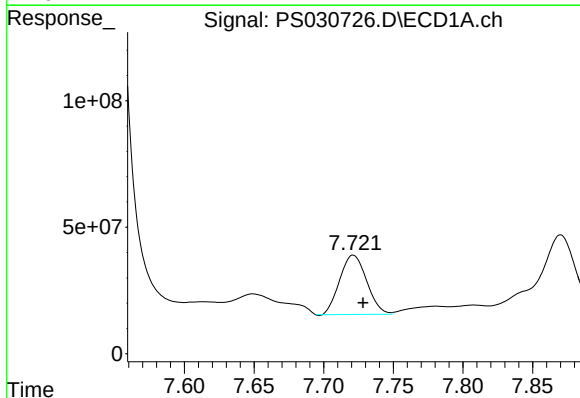
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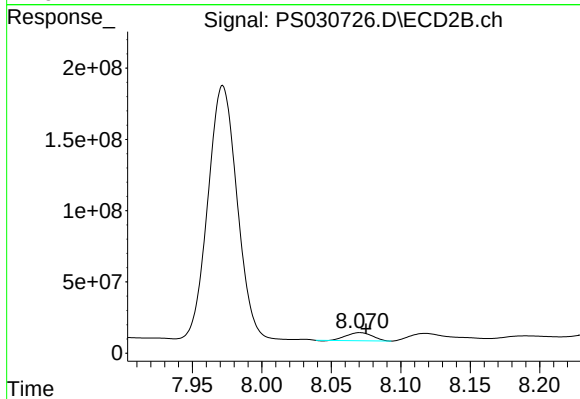
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 2574428877
Conc: 388.27 ng/ml



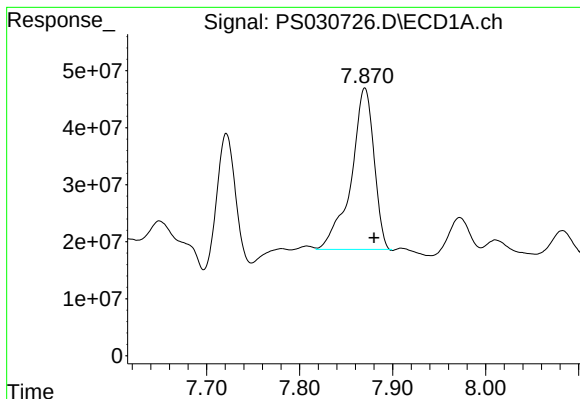
#6 MCP

R.T.: 7.721 min
Delta R.T.: -0.007 min
Response: 316820784
Conc: 33.31 ug/ml



#6 MCP

R.T.: 8.071 min
Delta R.T.: -0.004 min
Response: 72896605
Conc: 33.11 ug/ml



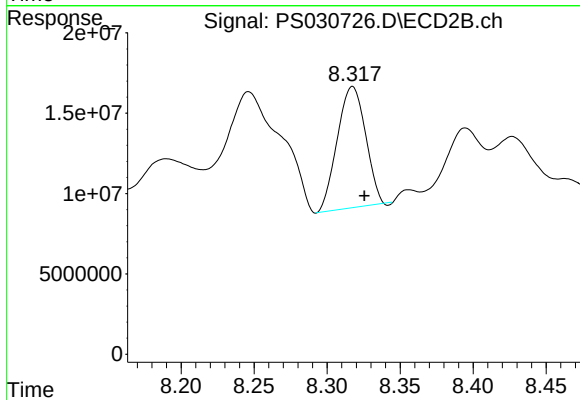
#7 MCPA

R.T.: 7.870 min
Delta R.T.: -0.010 min
Response: 483266491
Conc: 40.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

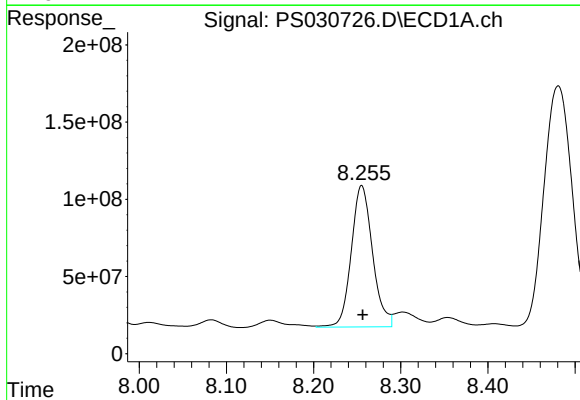
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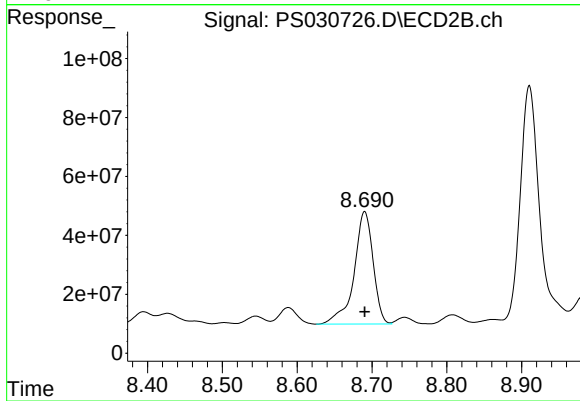
#7 MCPA

R.T.: 8.317 min
Delta R.T.: -0.008 min
Response: 101182340
Conc: 31.56 ug/ml



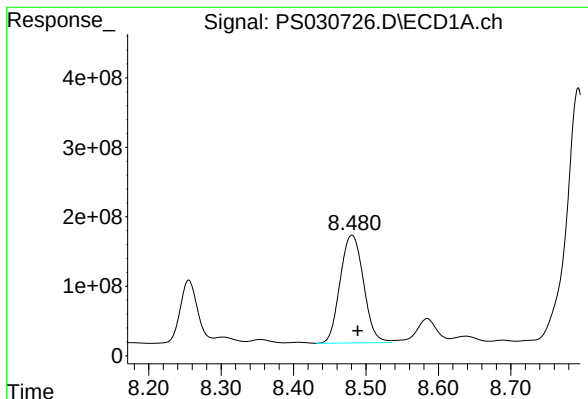
#8 DICHLORPROP

R.T.: 8.255 min
Delta R.T.: -0.001 min
Response: 1551923370
Conc: 422.26 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 676387076
Conc: 441.40 ng/ml



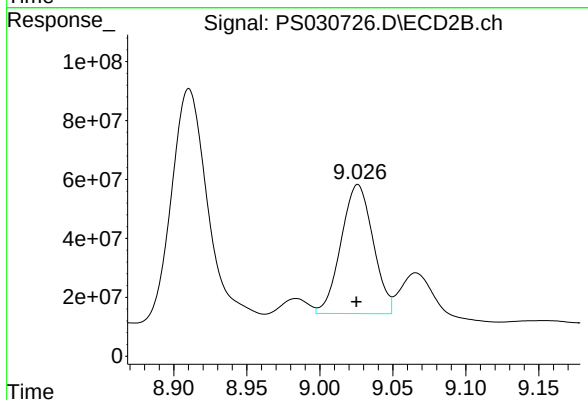
#9 2,4-D

R.T.: 8.481 min
Delta R.T.: -0.008 min
Response: 3475940057
Conc: 1022.23 ng/m

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

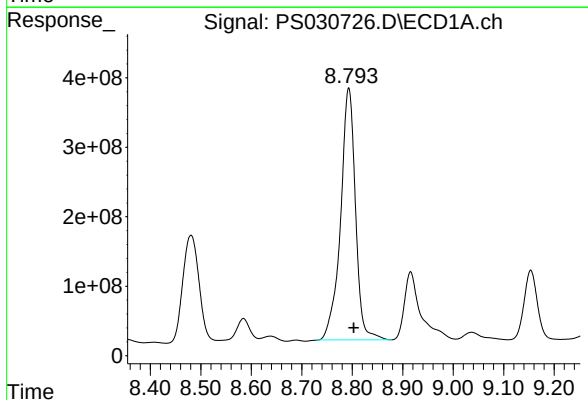
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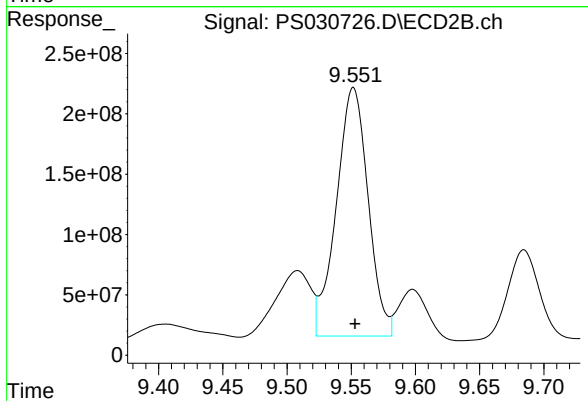
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 666359793
Conc: 397.48 ng/ml m



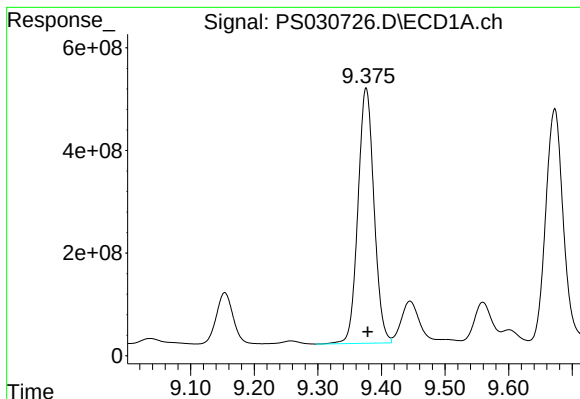
#10 Pentachlorophenol

R.T.: 8.793 min
Delta R.T.: -0.010 min
Response: 7450839317
Conc: 144.14 ng/ml m



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 3546045163
Conc: 93.47 ng/ml m



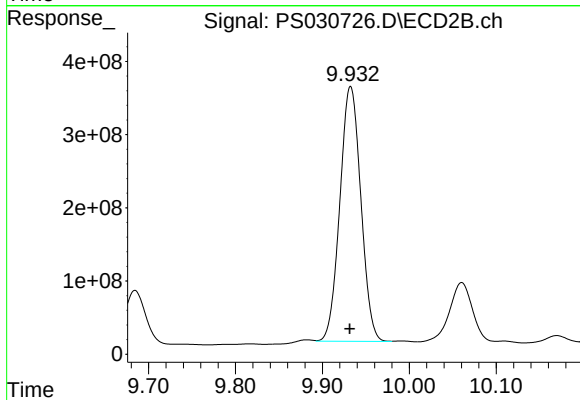
#11 2,4,5-TP (SILVEX)

R.T.: 9.376 min
Delta R.T.: -0.002 min
Response: 8711251971
Conc: 435.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

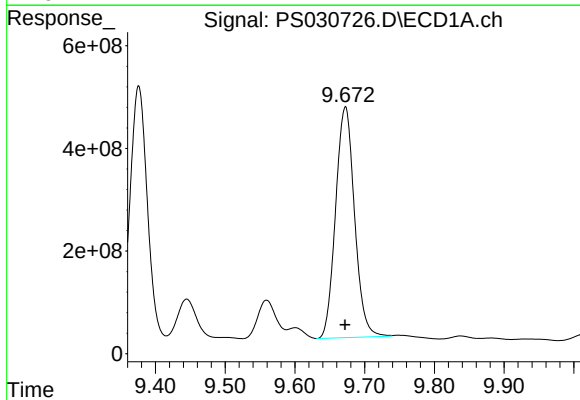
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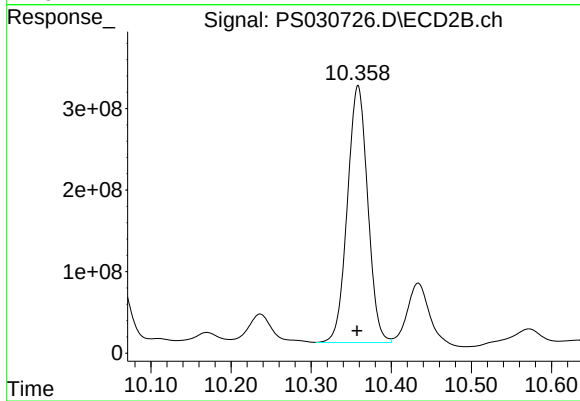
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 5832681912
Conc: 406.33 ng/ml m



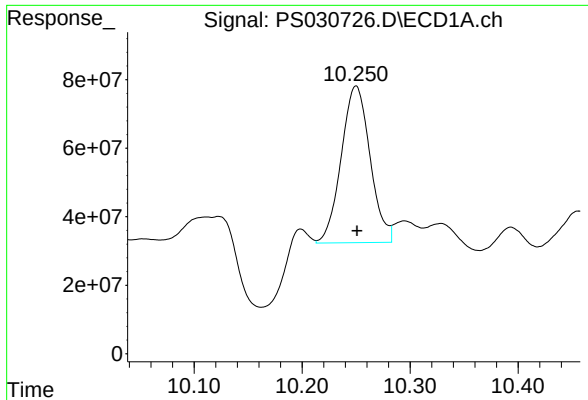
#12 2,4,5-T

R.T.: 9.672 min
Delta R.T.: 0.000 min
Response: 8488975804
Conc: 510.52 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 5556116512
Conc: 402.95 ng/ml m



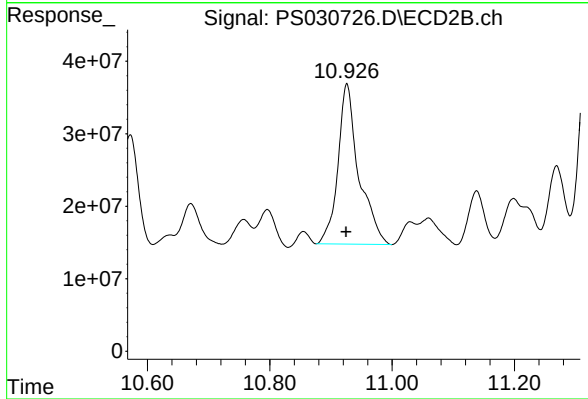
#13 2,4-DB

R.T.: 10.250 min
Delta R.T.: -0.001 min
Response: 852356607
Conc: 344.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

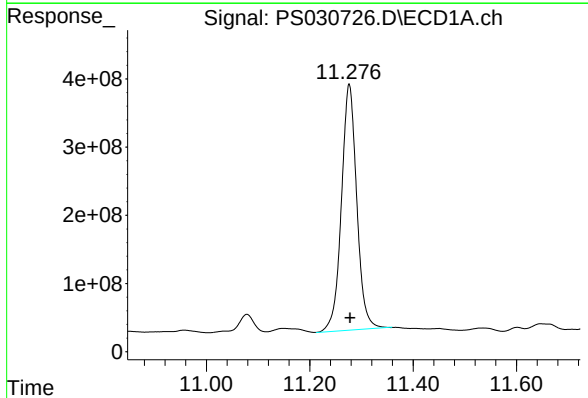
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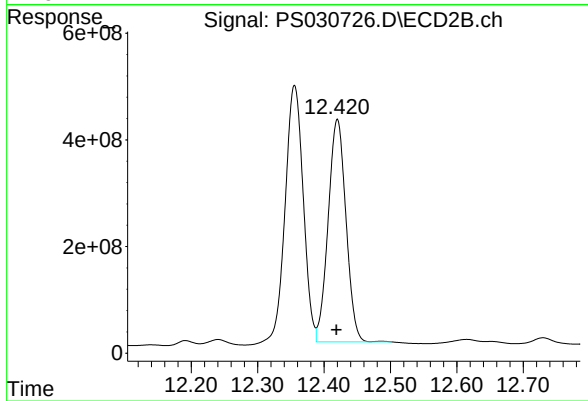
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.002 min
Response: 522817665
Conc: 440.62 ng/ml



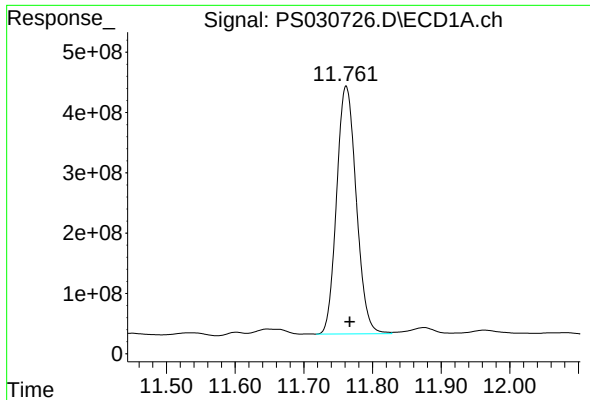
#15 Picloram

R.T.: 11.276 min
Delta R.T.: -0.003 min
Response: 7428718501
Conc: 444.93 ng/ml m



#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.002 min
Response: 7768918029
Conc: 324.03 ng/ml



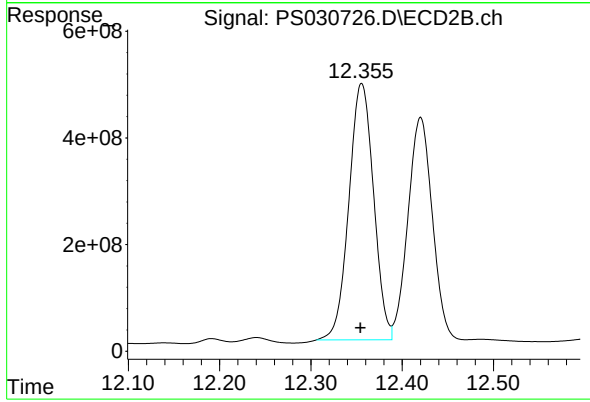
#16 DCPA

R.T.: 11.762 min
Delta R.T.: -0.005 min
Response: 8153831078
Conc: 313.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

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#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.001 min
Response: 9043188778
Conc: 421.09 ng/ml m