

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062025\
 Data File : PS030784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 17:43
 Operator : AR\AJ
 Sample : Q2347-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-10MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:01:50 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	7.345	7.768	1407.7E6	445.3E6	383.114m	415.362
Target Compounds							
1) T	Dalapon	2.703	2.709	866.4E6	1698.5E6	145.227m	619.488m#
2) T	3,5-DICHL...	6.505	6.715	2037.0E6	642.8E6	378.803	398.503m
3) T	4-Nitroph...	7.145	7.300	570.1E6	587.5E6	361.562	338.929m
5) T	DICAMBA	7.536	7.972	5506.5E6	2431.7E6	361.913	371.069
6) T	MCPD	7.715	8.069	312.0E6	72750964	33.236m	34.688m
7) T	MCPA	7.865	8.316	401.2E6	111.0E6	34.204	35.279
8) T	DICHLORPROP	8.250	8.690	1446.9E6	644.9E6	386.265	410.111
9) T	2,4-D	8.482	9.026	1507.3E6	650.6E6	437.600	382.825
10) T	Pentachlo...	8.789	9.551	19588.2E6	13682.5E6	370.109	358.912
11) T	2,4,5-TP ...	9.370	9.931	7903.8E6	5612.0E6	394.591	388.948m
12) T	2,4,5-T	9.664	10.357	6508.2E6	5140.1E6	395.559	376.157m
13) T	2,4-DB	10.243	10.925	798.2E6	437.3E6	348.010m	369.713
14) T	DINOSEB	11.460	11.311	762.4E6	594.3E6	54.953m	55.120m
15) T	Picloram	11.269	12.419	5458.0E6	7063.8E6	339.512m	303.929
16) T	DCPA	11.754	12.355	7212.9E6	8495.5E6	281.575	385.409m#

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

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ALS Vial : 17 Sample Multiplier: 1

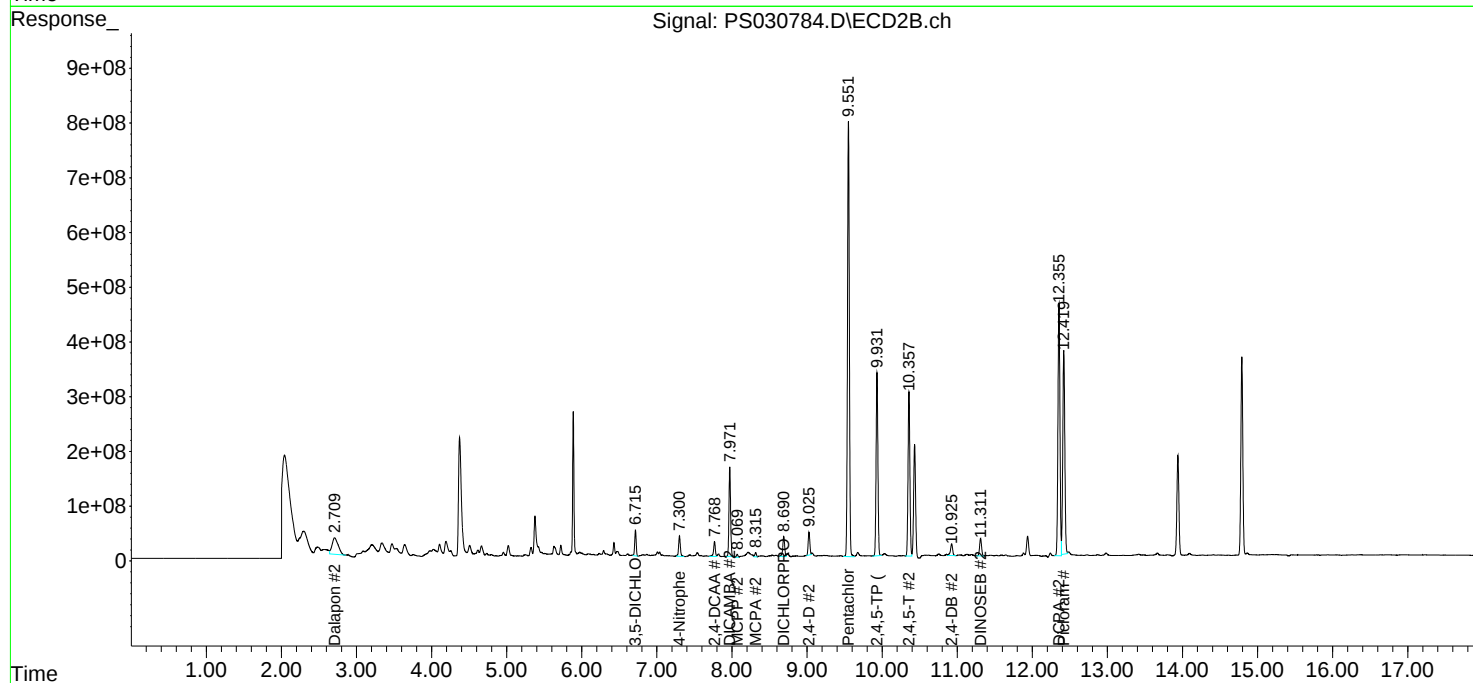
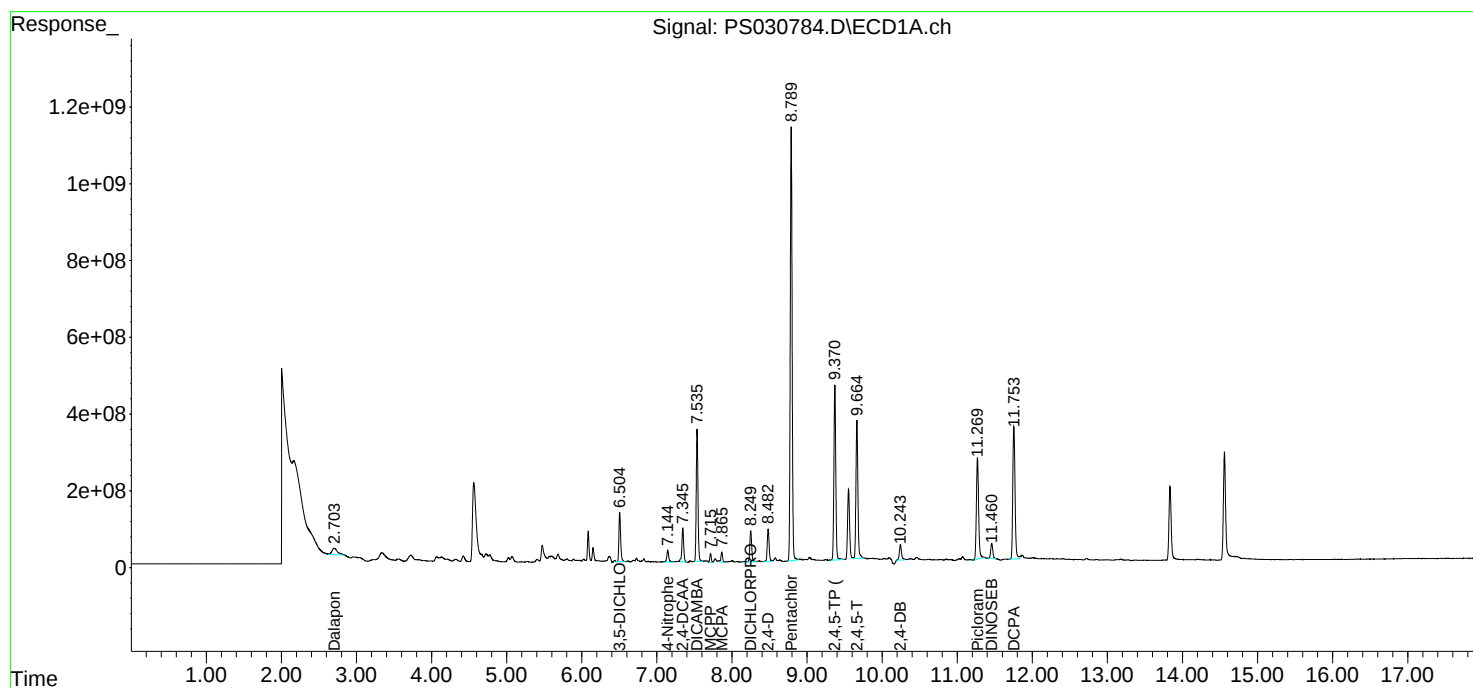
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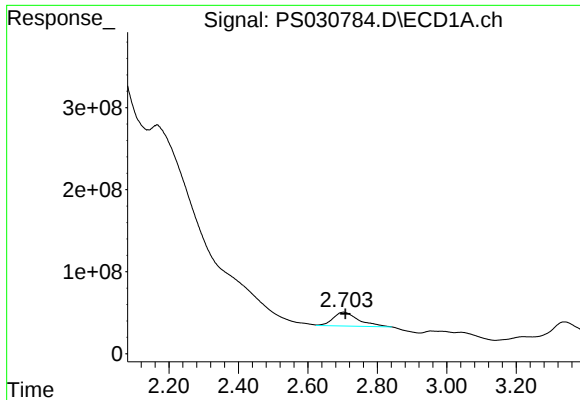
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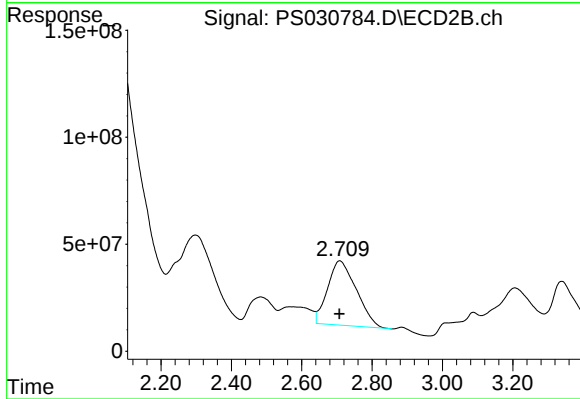
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 866373125
Conc: 145.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-10MSD

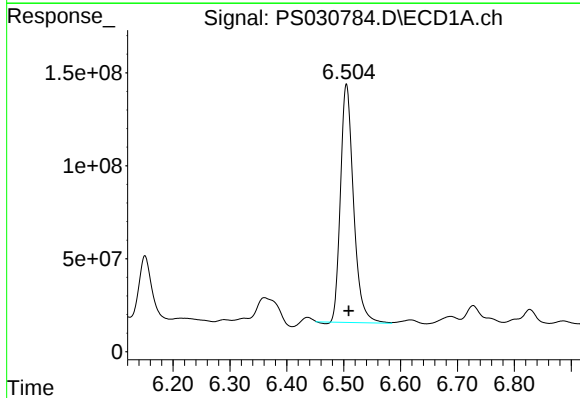
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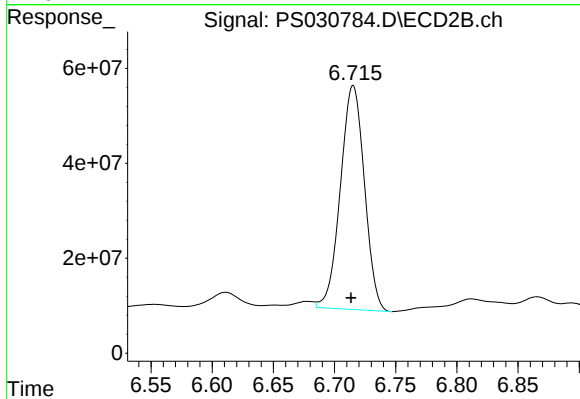
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.002 min
Response: 1698476603
Conc: 619.49 ng/ml m



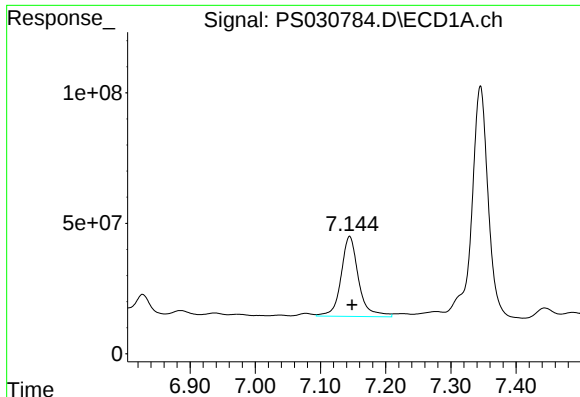
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.505 min
Delta R.T.: -0.004 min
Response: 2037034451
Conc: 378.80 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 642844974
Conc: 398.50 ng/ml m



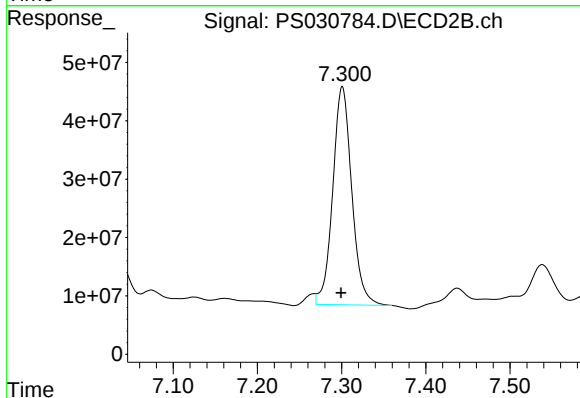
#3 4-Nitrophenol

R.T.: 7.145 min
Delta R.T.: -0.004 min
Response: 570099165
Conc: 361.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-10MSD

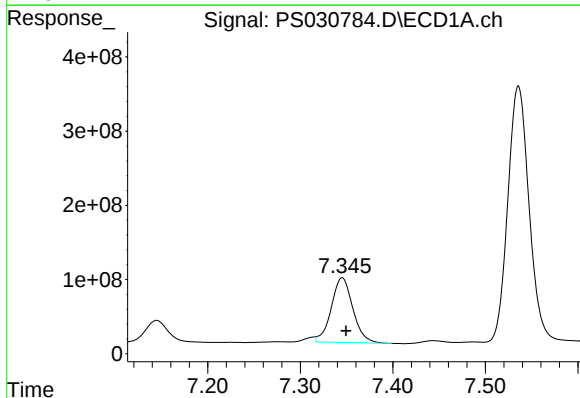
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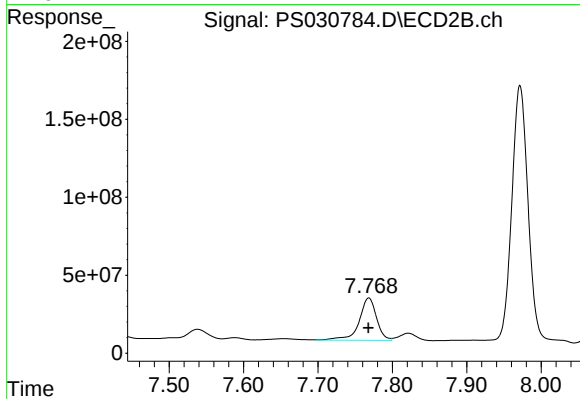
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 587546067
Conc: 338.93 ng/ml m



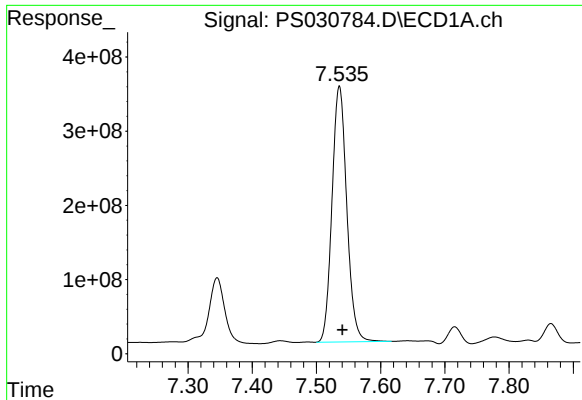
#4 2,4-DCAA

R.T.: 7.345 min
Delta R.T.: -0.004 min
Response: 1407711121
Conc: 383.11 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 445252513
Conc: 415.36 ng/ml



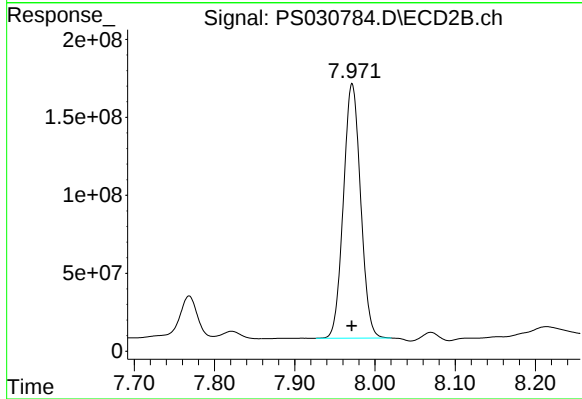
#5 DICAMBA

R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 5506544599
Conc: 361.91 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-10MSD

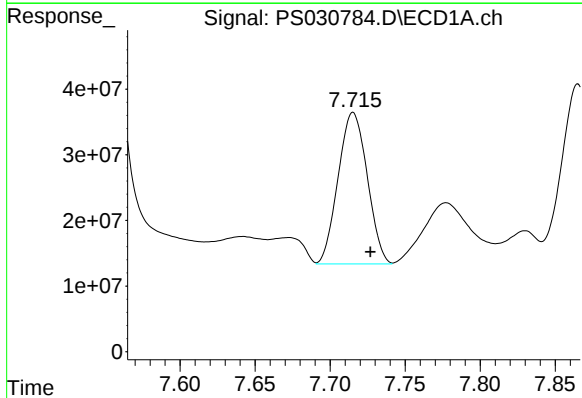
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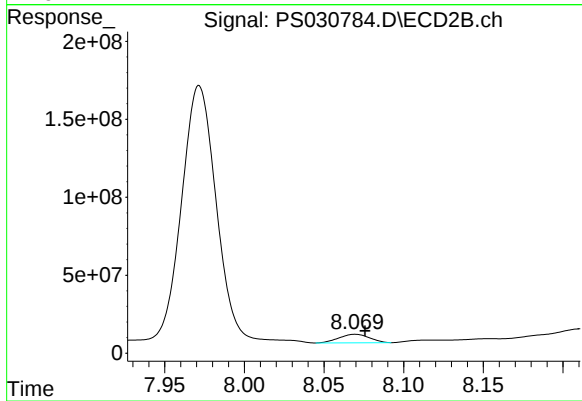
#5 DICAMBA

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 2431695021
Conc: 371.07 ng/ml



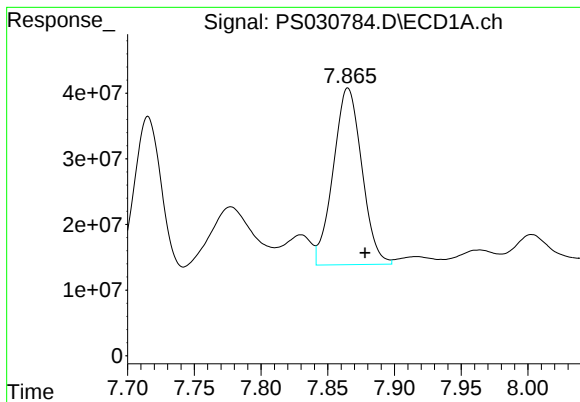
#6 MCP

R.T.: 7.715 min
Delta R.T.: -0.012 min
Response: 312029361
Conc: 33.24 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 72750964
Conc: 34.69 ug/ml m



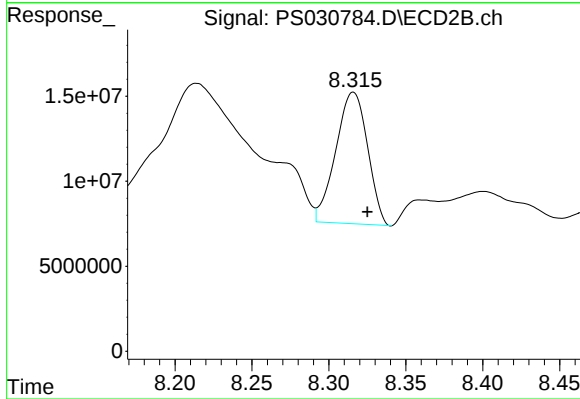
#7 MCPA

R.T.: 7.865 min
Delta R.T.: -0.013 min
Response: 401227440
Conc: 34.20 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-10MSD

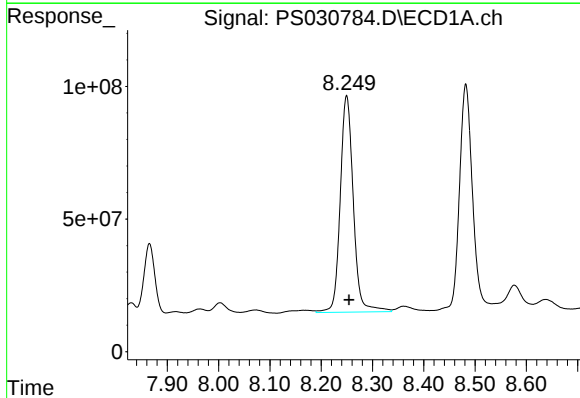
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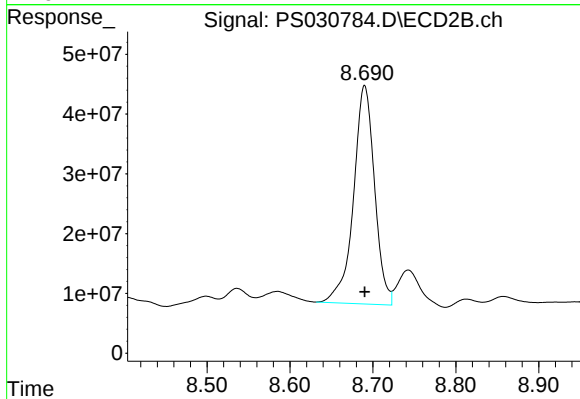
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 110977778
Conc: 35.28 ug/ml



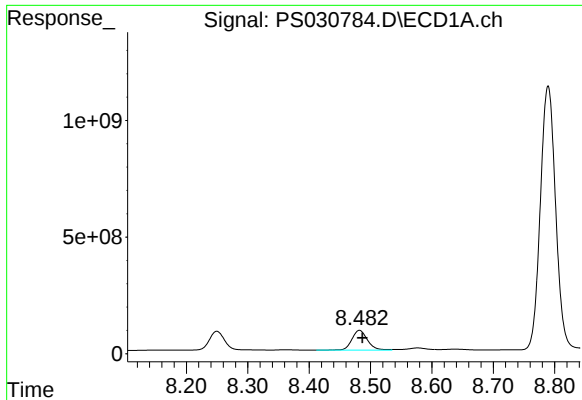
#8 DICHLORPROP

R.T.: 8.250 min
Delta R.T.: -0.005 min
Response: 1446858272
Conc: 386.27 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 644898006
Conc: 410.11 ng/ml



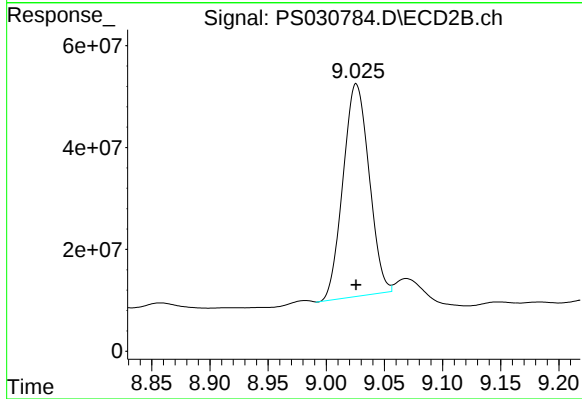
#9 2,4-D

R.T.: 8.482 min
Delta R.T.: -0.005 min
Response: 1507273514
Conc: 437.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-10MSD

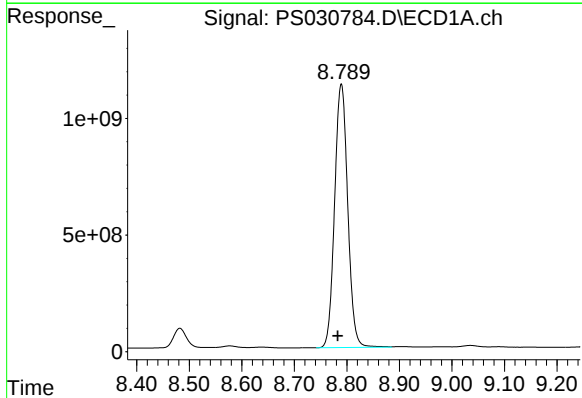
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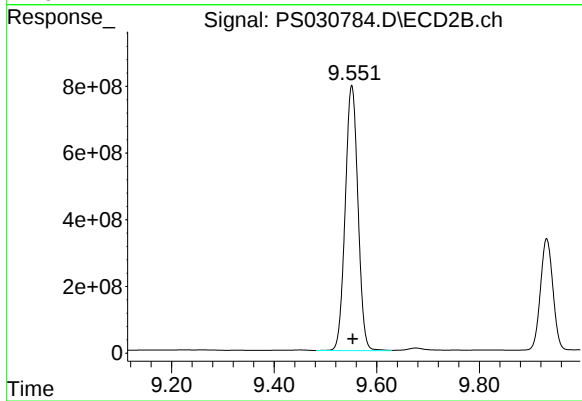
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 650574546
Conc: 382.82 ng/ml



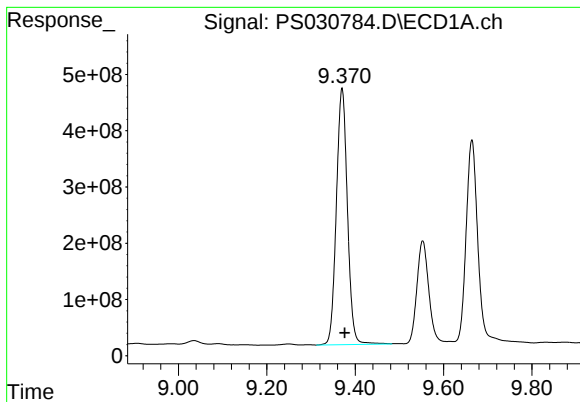
#10 Pentachlorophenol

R.T.: 8.789 min
Delta R.T.: 0.006 min
Response: 19588151702
Conc: 370.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 13682476034
Conc: 358.91 ng/ml



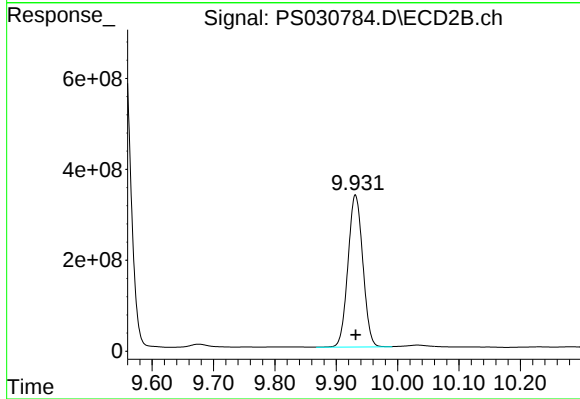
#11 2,4,5-TP (SILVEX)

R.T.: 9.370 min
Delta R.T.: -0.006 min
Response: 7903820983
Conc: 394.59 ng/ml

Instrument :
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ClientSampleId :
TP-10MSD

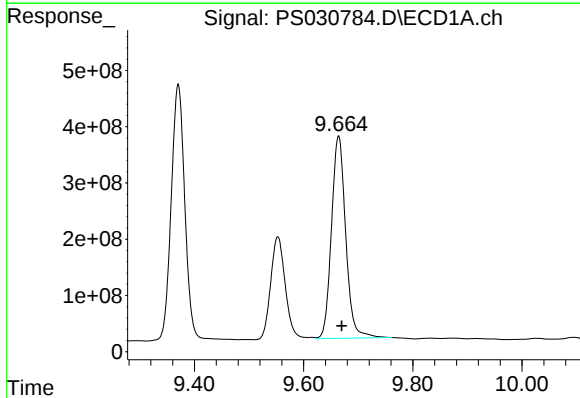
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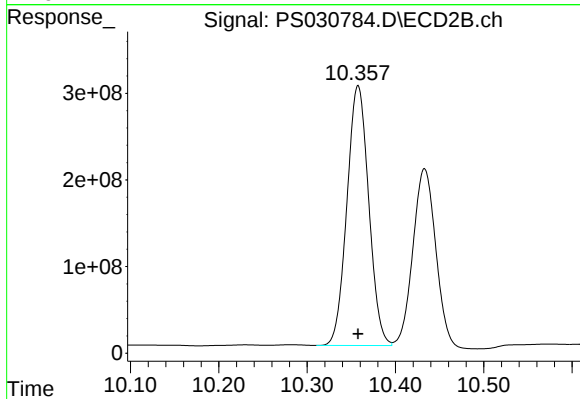
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: -0.001 min
Response: 5612009254
Conc: 388.95 ng/ml m



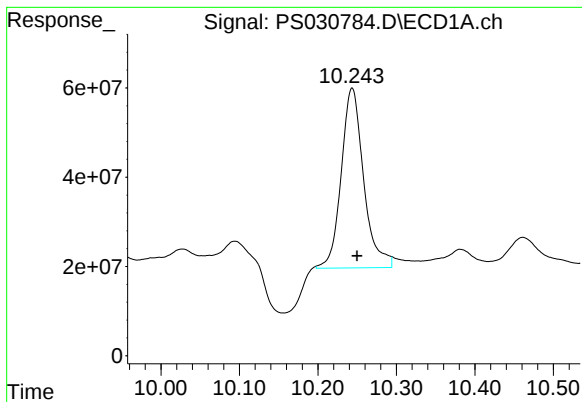
#12 2,4,5-T

R.T.: 9.664 min
Delta R.T.: -0.006 min
Response: 6508192849
Conc: 395.56 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 5140050859
Conc: 376.16 ng/ml m



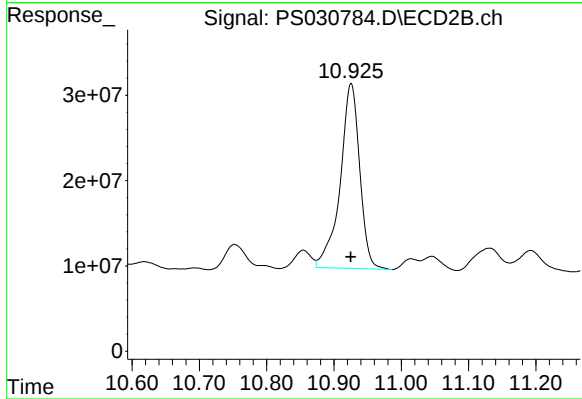
#13 2,4-DB

R.T.: 10.243 min
Delta R.T.: -0.007 min
Response: 798162835
Conc: 348.01 ng/ml

Instrument :
ECD_S
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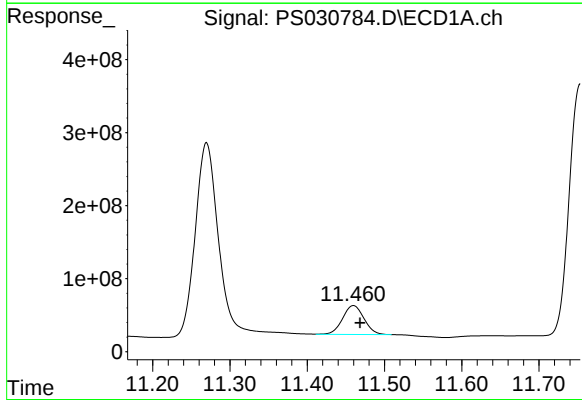
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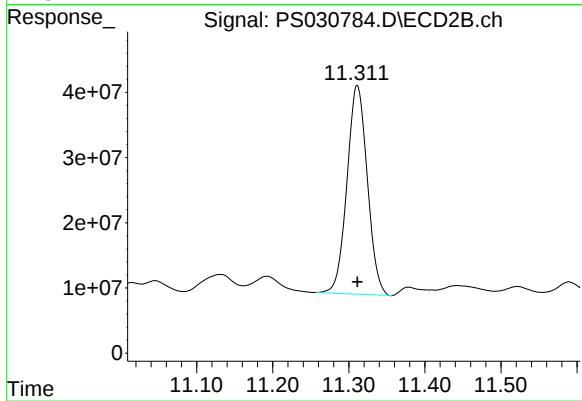
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 437334526
Conc: 369.71 ng/ml



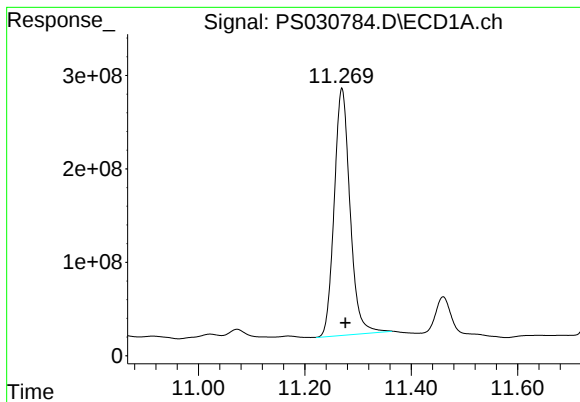
#14 DINOSEB

R.T.: 11.460 min
Delta R.T.: -0.009 min
Response: 762372660
Conc: 54.95 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 594264440
Conc: 55.12 ng/ml m



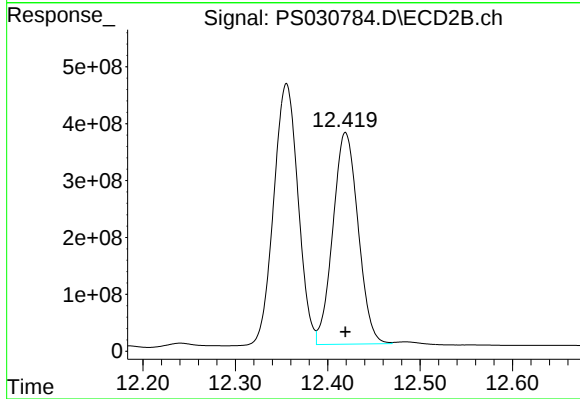
#15 Picloram

R.T.: 11.269 min
Delta R.T.: -0.007 min
Response: 5458034521
Conc: 339.51 ng/ml

Instrument :
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ClientSampleId :
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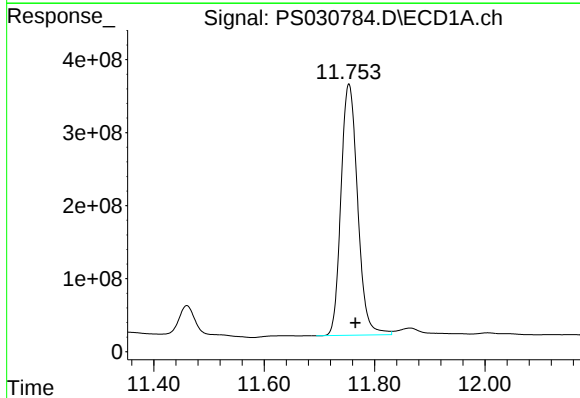
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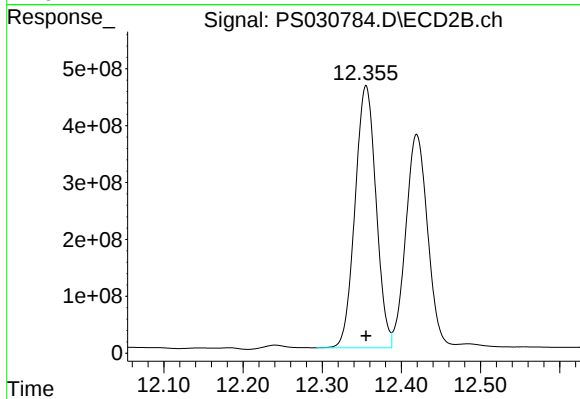
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 7063753771
Conc: 303.93 ng/ml



#16 DCPA

R.T.: 11.754 min
Delta R.T.: -0.011 min
Response: 7212899170
Conc: 281.58 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 8495497395
Conc: 385.41 ng/ml m