

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031719.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 12:04
 Operator : AR\AJ
 Sample : Q2893-07
 Misc : LOD WATER 100PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 06:52:39 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	7.287	7.741	1943.9E6	511.8E6	539.731	563.052m
Target Compounds							
1) T	Dalapon	2.662	2.687	464.8E6	356.1E6	80.409m	126.390m#
2) T	3,5-DICHL...	6.457	6.701	727.3E6	184.7E6	136.363	121.086
3) T	4-Nitroph...	7.112	7.317	103.4E6	119.1E6	93.705m	94.334m
5) T	DICAMBA	7.472	7.939	1990.8E6	747.3E6	127.642	114.851m
6) T	MCPD	7.645	8.031	49514801	12608608	5.539	6.695
7) T	MCPA	7.795	8.277	124.9E6	20754851	11.238	7.409 #
8) T	DICHLORPROP	8.183	8.661	533.8E6	183.0E6	149.857	125.779
9) T	2,4-D	8.427	9.012	425.6E6	231.5E6	124.228m	140.738m
10) T	Pentachlo...	8.710	9.509	7939.8E6	5144.7E6	149.543	129.621
11) T	2,4,5-TP ...	9.290	9.895	3043.2E6	2083.3E6	145.095	138.383
12) T	2,4,5-T	9.594	10.331	2550.1E6	1620.8E6	139.365	120.442
13) T	2,4-DB	10.170	10.903	251.3E6	120.0E6	107.746m	112.173
14) T	DINOSEB	11.359	11.268	1746.0E6	1173.8E6	121.058m	120.749
15) T	Picloram	11.210f	12.407	1521.4E6	2102.9E6	84.470m	88.794m
16) T	DCPA	11.652	12.307	2190.1E6	2952.3E6	81.266	122.482m#

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

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Misc : LOD WATER 100PPB
ALS Vial : 5 Sample Multiplier: 1

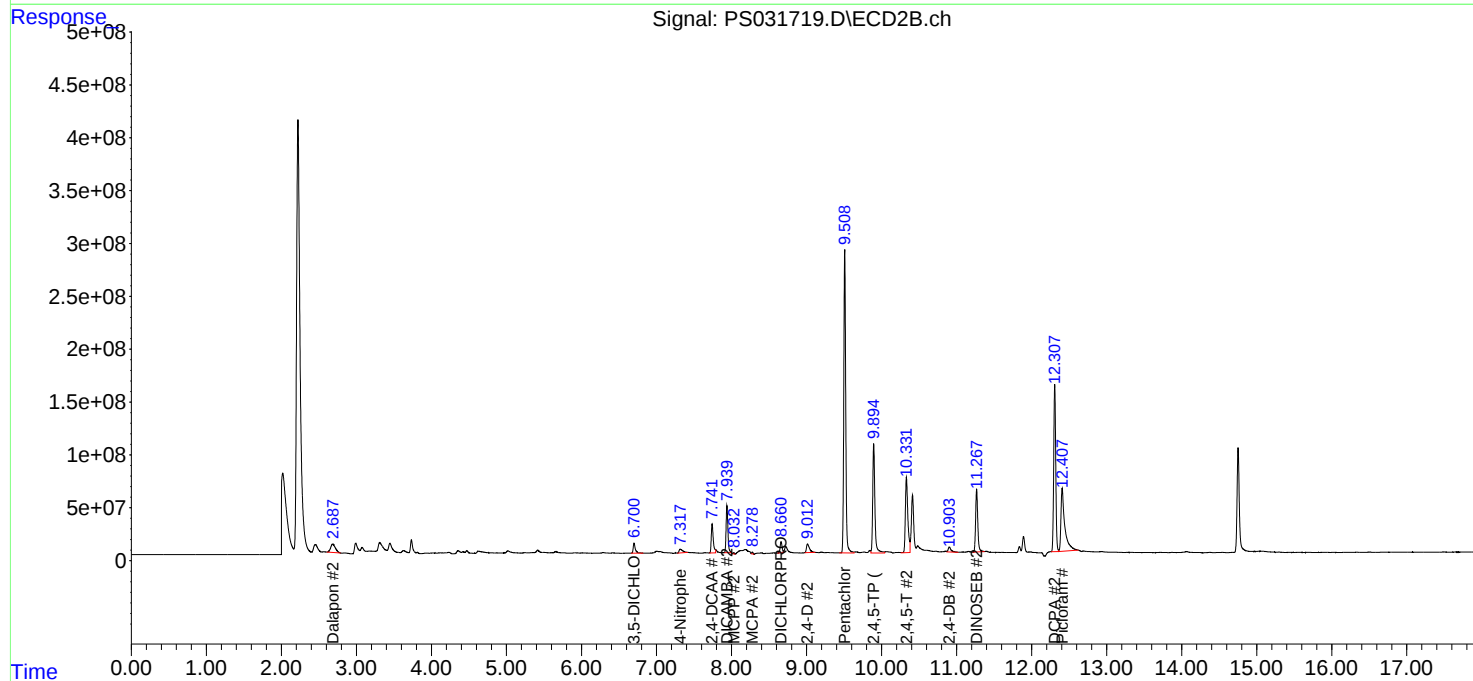
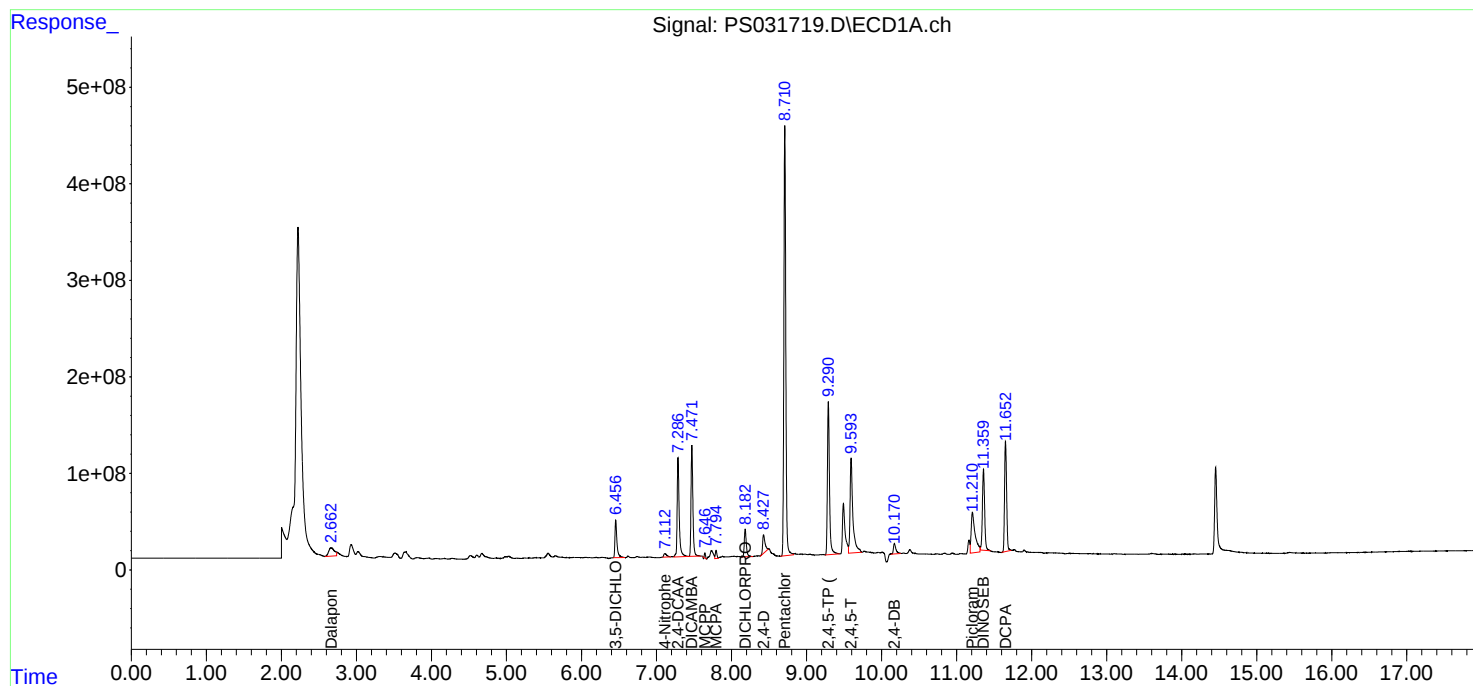
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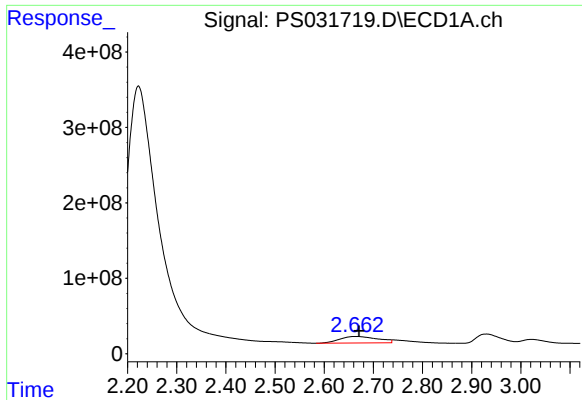
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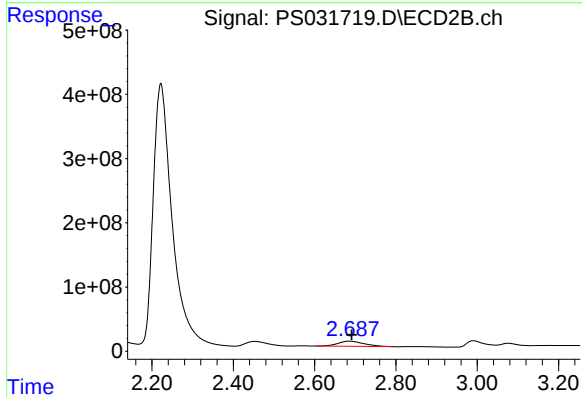
#1 Dalapon

R.T.: 2.662 min
Delta R.T.: -0.009 min
Response: 464823132
Conc: 80.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
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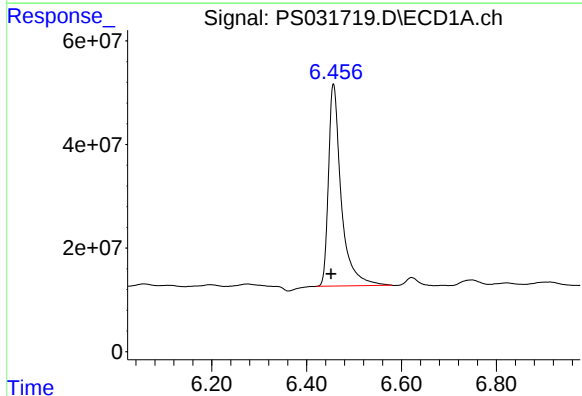
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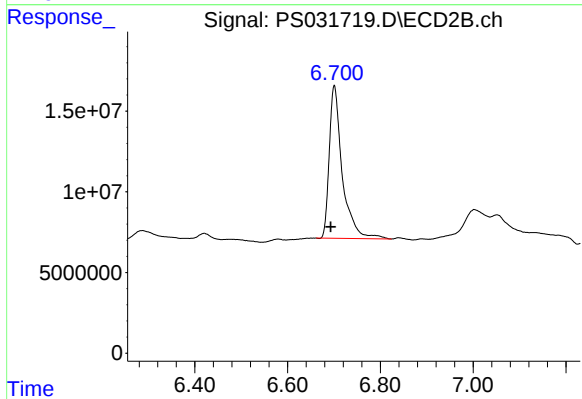
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.005 min
Response: 356118787
Conc: 126.39 ng/ml m



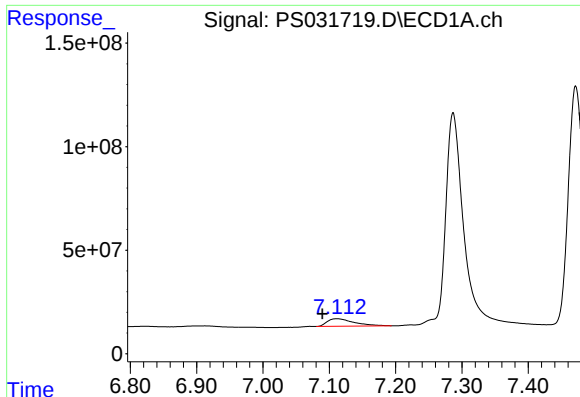
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.457 min
Delta R.T.: 0.005 min
Response: 727271517
Conc: 136.36 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.701 min
Delta R.T.: 0.008 min
Response: 184652619
Conc: 121.09 ng/ml



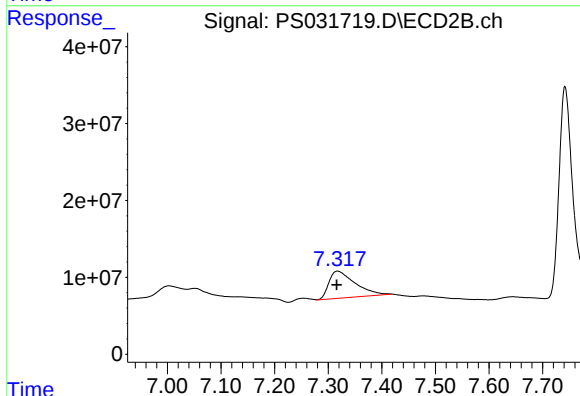
#3 4-Nitrophenol

R.T.: 7.112 min
Delta R.T.: 0.022 min
Response: 103375709
Conc: 93.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
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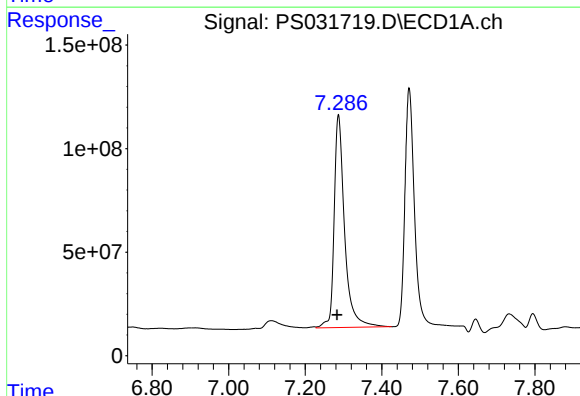
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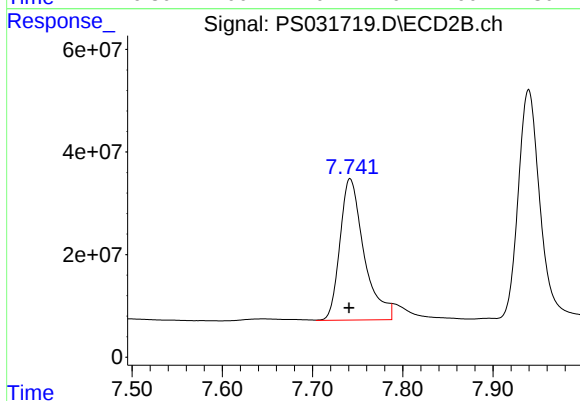
#3 4-Nitrophenol

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 119123280
Conc: 94.33 ng/ml m



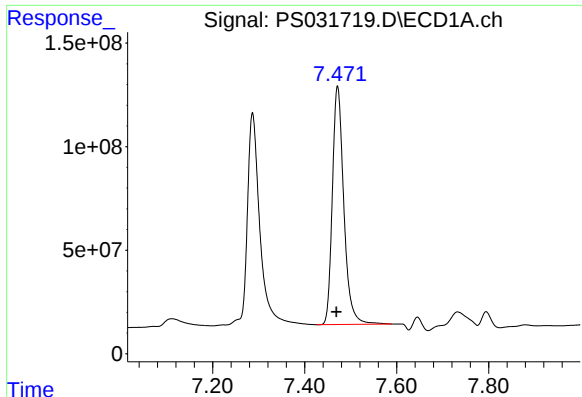
#4 2,4-DCAA

R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 1943856275
Conc: 539.73 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 511757874
Conc: 563.05 ng/ml m



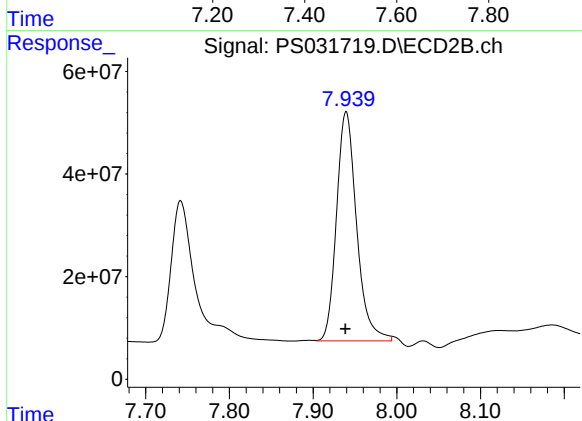
#5 DICAMBA

R.T.: 7.472 min
Delta R.T.: 0.003 min
Response: 1990800536
Conc: 127.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

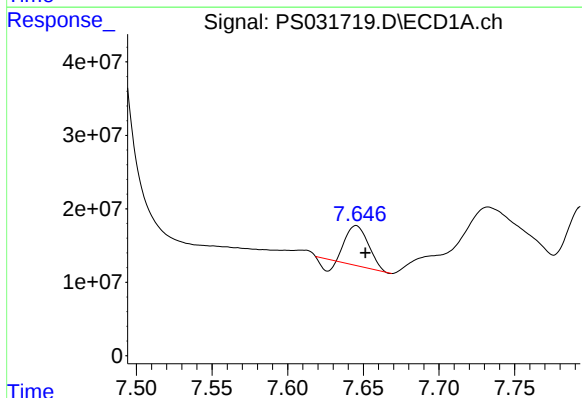
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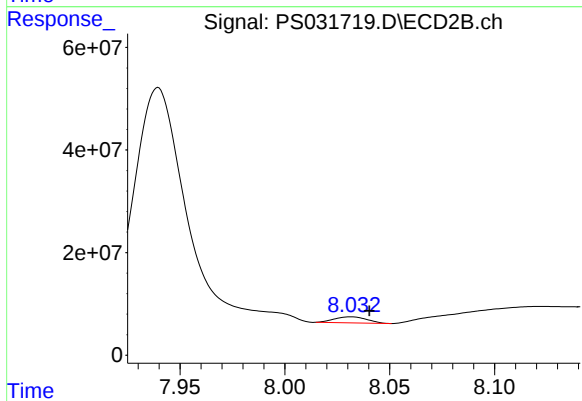
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 747316654
Conc: 114.85 ng/ml m



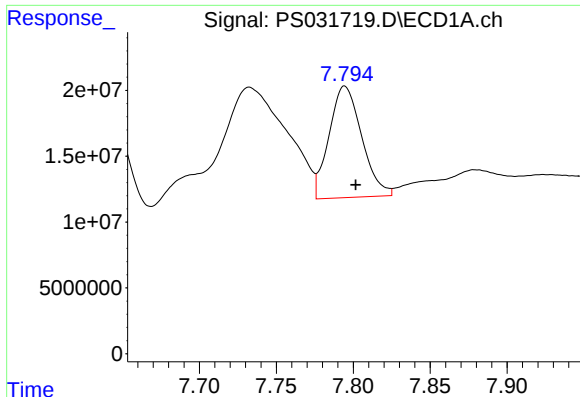
#6 MCPP

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 49514801
Conc: 5.54 ug/ml



#6 MCPP

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 12608608
Conc: 6.69 ug/ml



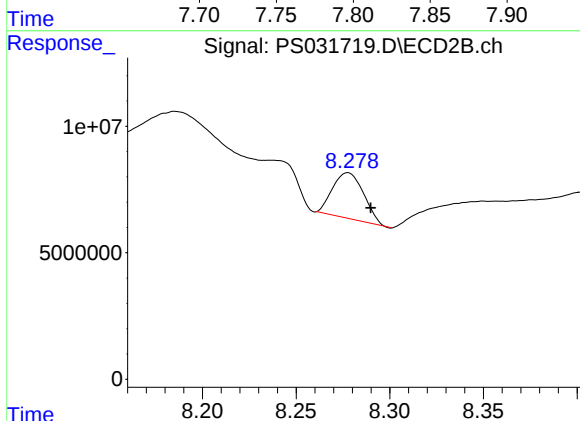
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 124862668
Conc: 11.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

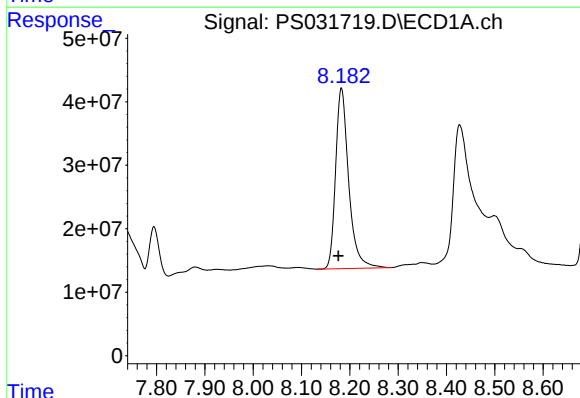
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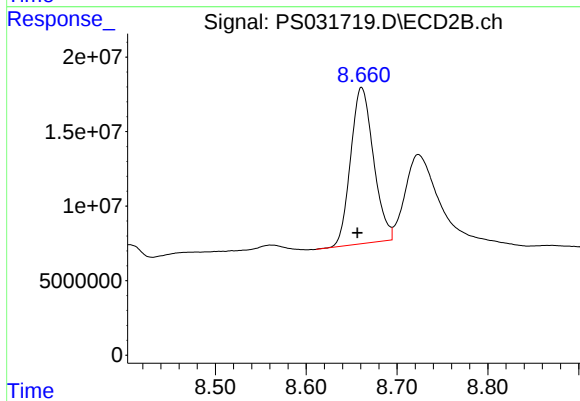
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.012 min
Response: 20754851
Conc: 7.41 ug/ml



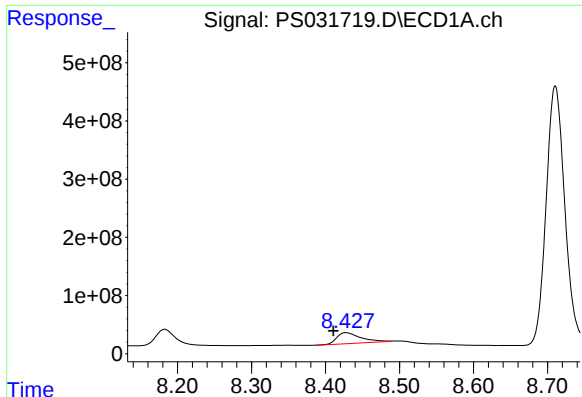
#8 DICHLORPROP

R.T.: 8.183 min
Delta R.T.: 0.006 min
Response: 533754700
Conc: 149.86 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 183016047
Conc: 125.78 ng/ml



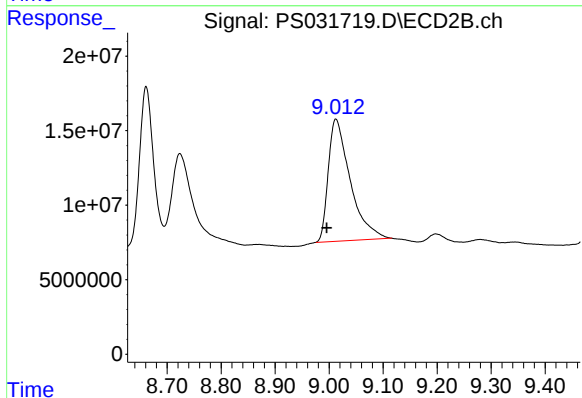
#9 2,4-D

R.T.: 8.427 min
Delta R.T.: 0.016 min
Response: 425561859
Conc: 124.23 ng/ml

Instrument :
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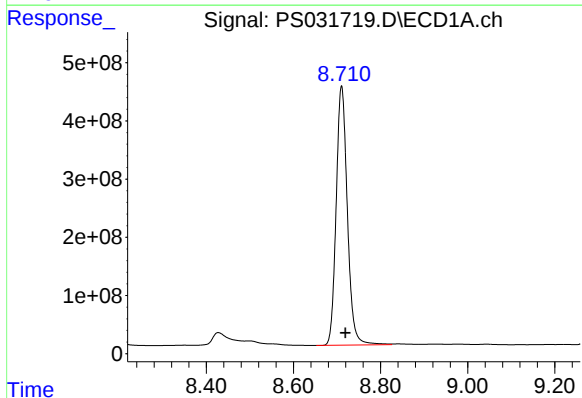
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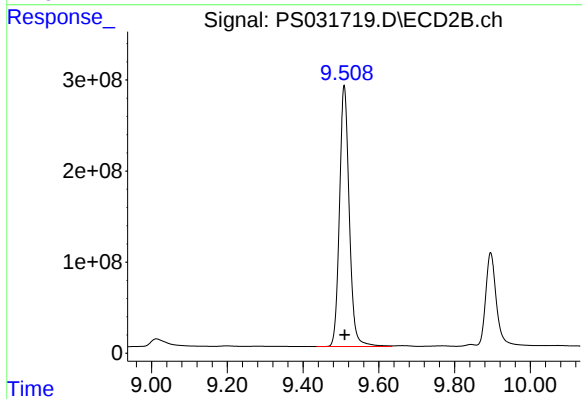
#9 2,4-D

R.T.: 9.012 min
Delta R.T.: 0.016 min
Response: 231529918
Conc: 140.74 ng/ml m



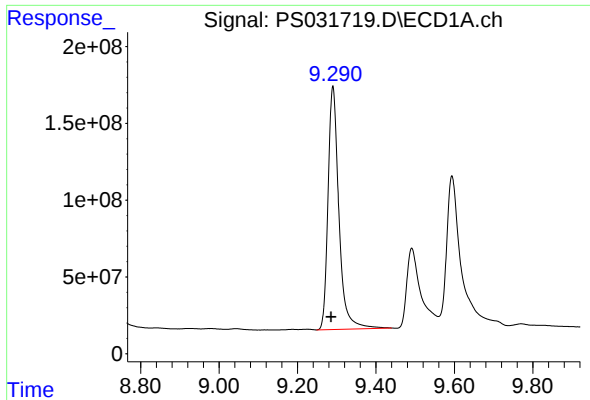
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.008 min
Response: 7939823381
Conc: 149.54 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 5144743263
Conc: 129.62 ng/ml



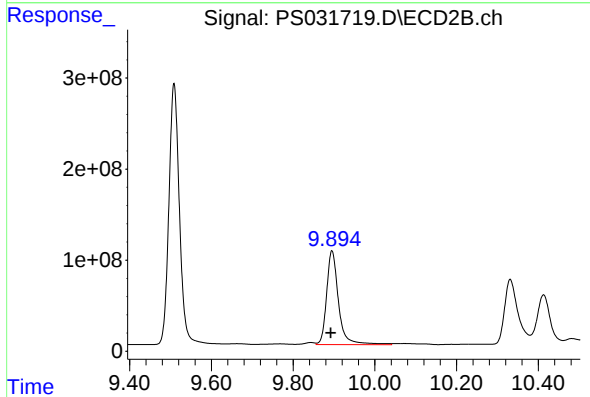
#11 2,4,5-TP (SILVEX)

R.T.: 9.290 min
Delta R.T.: 0.005 min
Response: 3043175623
Conc: 145.09 ng/ml

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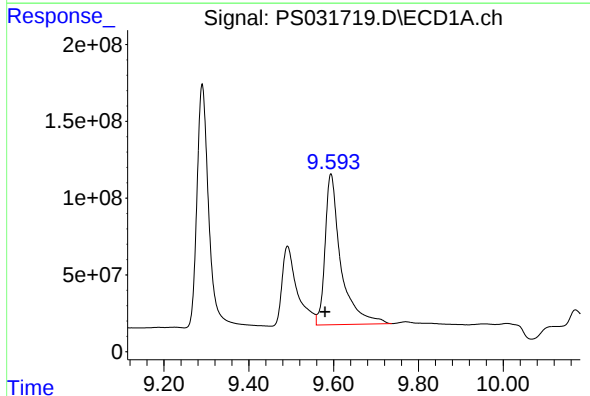
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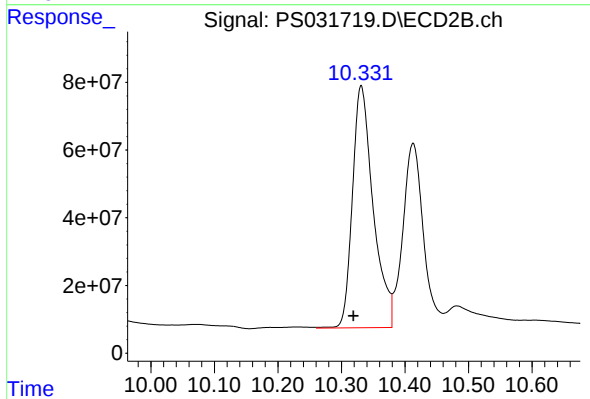
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 2083254359
Conc: 138.38 ng/ml



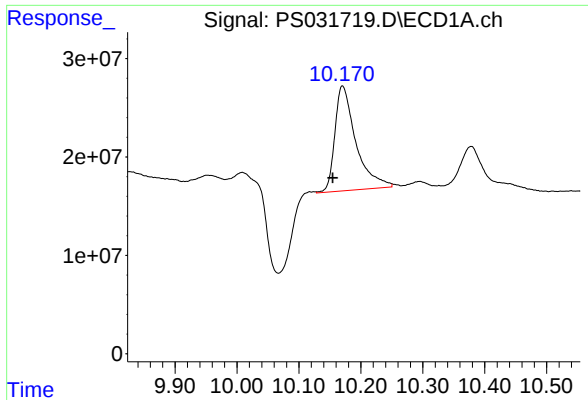
#12 2,4,5-T

R.T.: 9.594 min
Delta R.T.: 0.014 min
Response: 2550133478
Conc: 139.37 ng/ml



#12 2,4,5-T

R.T.: 10.331 min
Delta R.T.: 0.012 min
Response: 1620790472
Conc: 120.44 ng/ml



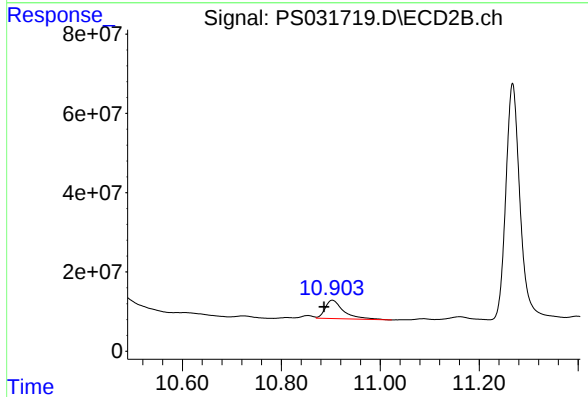
#13 2,4-DB

R.T.: 10.170 min
Delta R.T.: 0.015 min
Response: 251346808
Conc: 107.75 ng/ml

Instrument :
ECD_S
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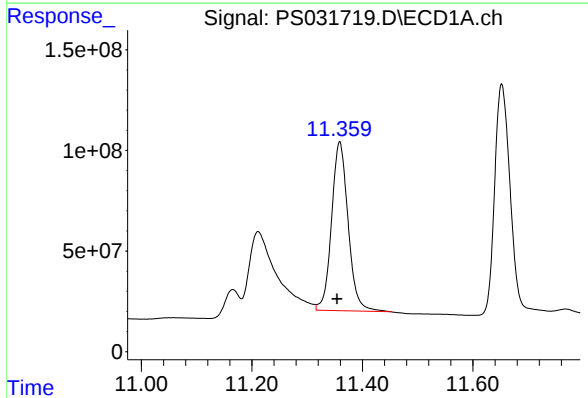
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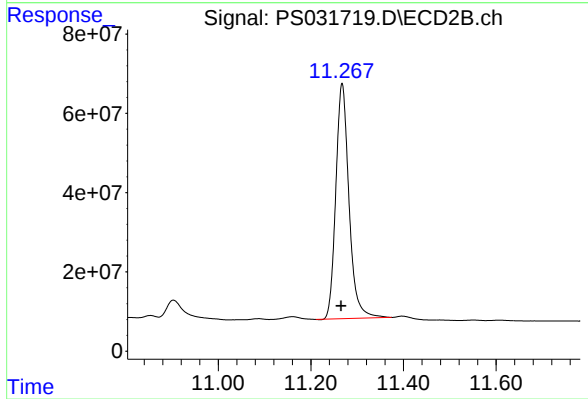
#13 2,4-DB

R.T.: 10.903 min
Delta R.T.: 0.016 min
Response: 120030449
Conc: 112.17 ng/ml



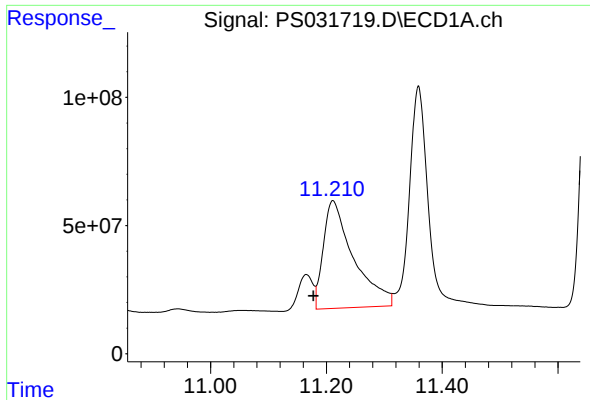
#14 DINOSEB

R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 1745981941
Conc: 121.06 ng/ml m



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: 0.002 min
Response: 1173758670
Conc: 120.75 ng/ml



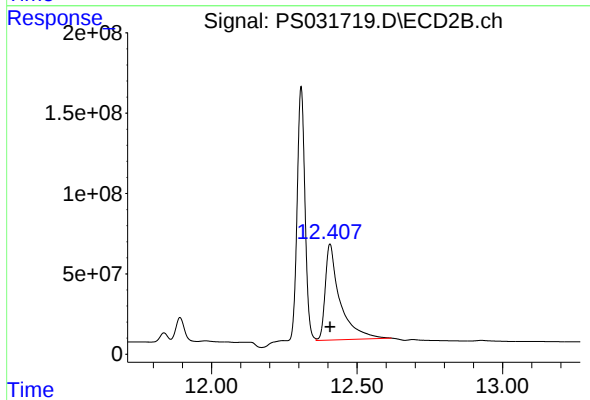
#15 Picloram

R.T.: 11.210 min
Delta R.T.: 0.033 min
Response: 1521398553
Conc: 84.47 ng/ml

Instrument :
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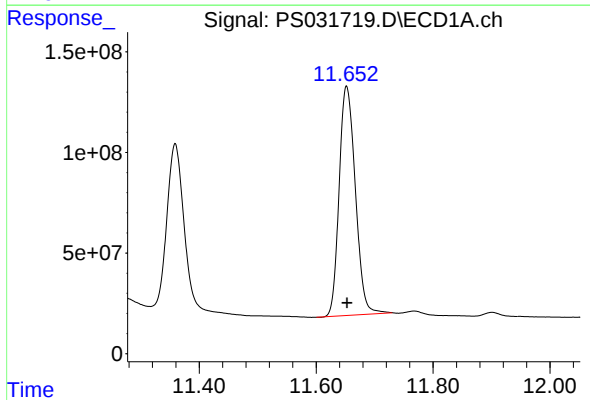
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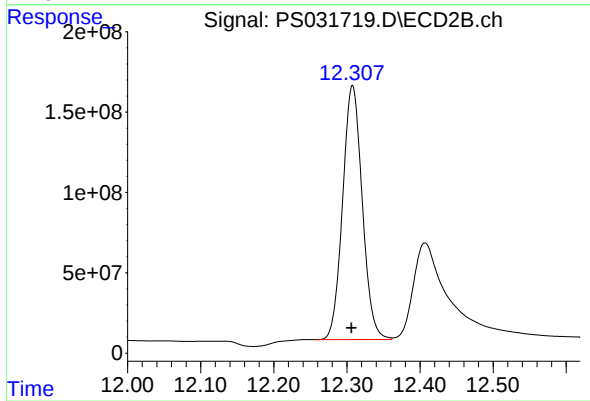
#15 Picloram

R.T.: 12.407 min
Delta R.T.: 0.000 min
Response: 2102934934
Conc: 88.79 ng/ml m



#16 DCPA

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 2190110047
Conc: 81.27 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.001 min
Response: 2952306887
Conc: 122.48 ng/ml m