

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061925\
 Data File : PS030761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 18:29
 Operator : AR\AJ
 Sample : Q2126-07
 Misc : LOD MDL WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2025
 Supervised By :mohammad ahmed 06/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 23:05:42 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	7.349	7.771	2153.8E6	642.5E6	586.168	599.357
Target Compounds							
1) T	Dalapon	2.707	2.711	807.1E6	478.2E6	135.291	174.401 #
2) T	3,5-DICHL...	6.508	6.717	1001.1E6	292.1E6	186.165	181.084
3) T	4-Nitroph...	7.149	7.304	281.9E6	288.9E6	178.775	166.650
5) T	DICAMBA	7.539	7.974	2755.3E6	1121.6E6	181.090	171.154
6) T	MCPD	7.717	8.068	119.1E6	31603959	12.687	15.069m
7) T	MCPA	7.867	8.316	166.1E6	49480613	14.160	15.729
8) T	DICHLORPROP	8.253	8.693	658.5E6	284.8E6	175.789m	181.099m
9) T	2,4-D	8.486	9.030	605.0E6	323.0E6	175.655m	190.080m
10) T	Pentachlo...	8.793	9.554	10030.2E6	6768.3E6	189.515	177.543
11) T	2,4,5-TP ...	9.374	9.935	3548.4E6	2588.8E6	177.151	179.422
12) T	2,4,5-T	9.669	10.361	2739.8E6	2470.7E6	166.521	180.810
13) T	2,4-DB	10.247	10.929	404.2E6	220.3E6	176.244	186.268
14) T	DINOSEB	11.466	11.314	2392.0E6	1878.4E6	172.416	174.232
15) T	Picloram	11.278	12.425	2489.4E6	3696.8E6	154.853	159.062
16) T	DCPA	11.762	12.359	4688.2E6	3909.9E6	183.018	177.377

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

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Sample : Q2126-07
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ALS Vial : 9 Sample Multiplier: 1

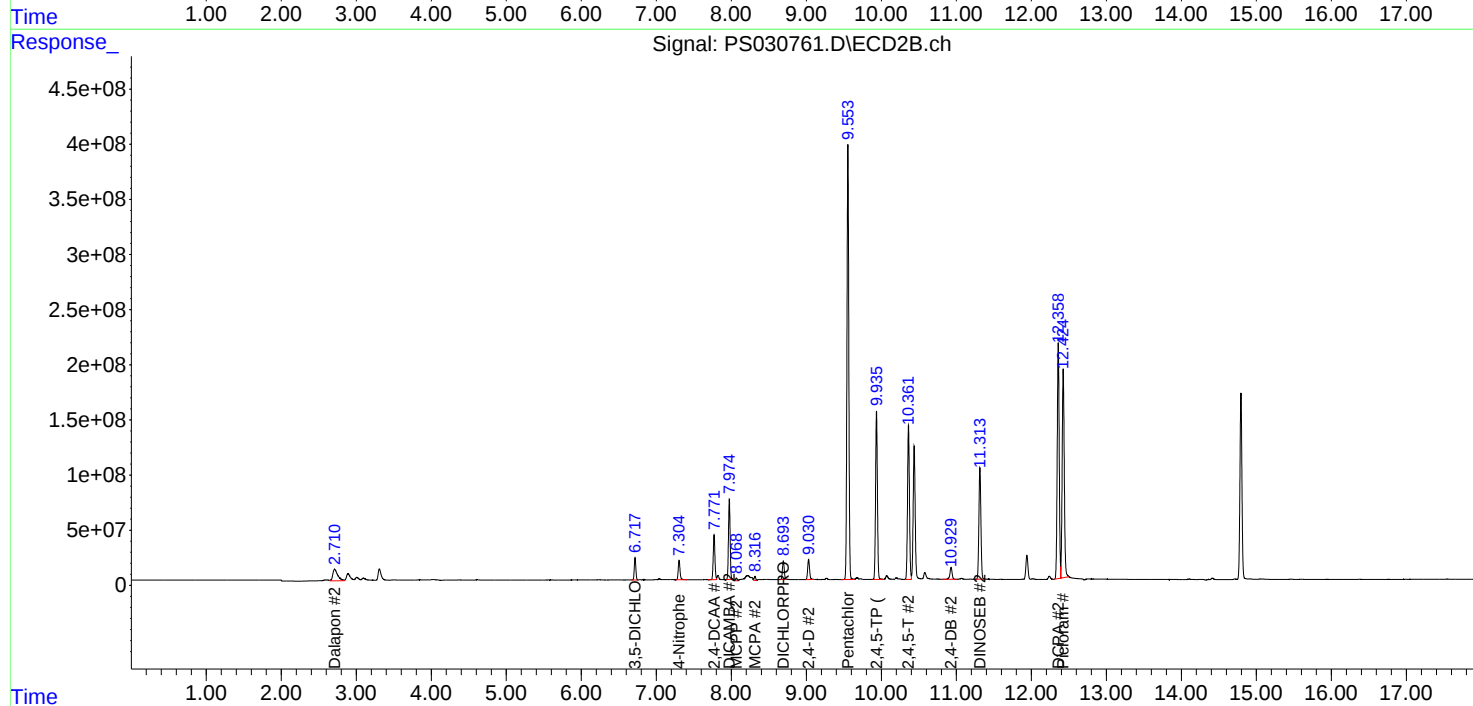
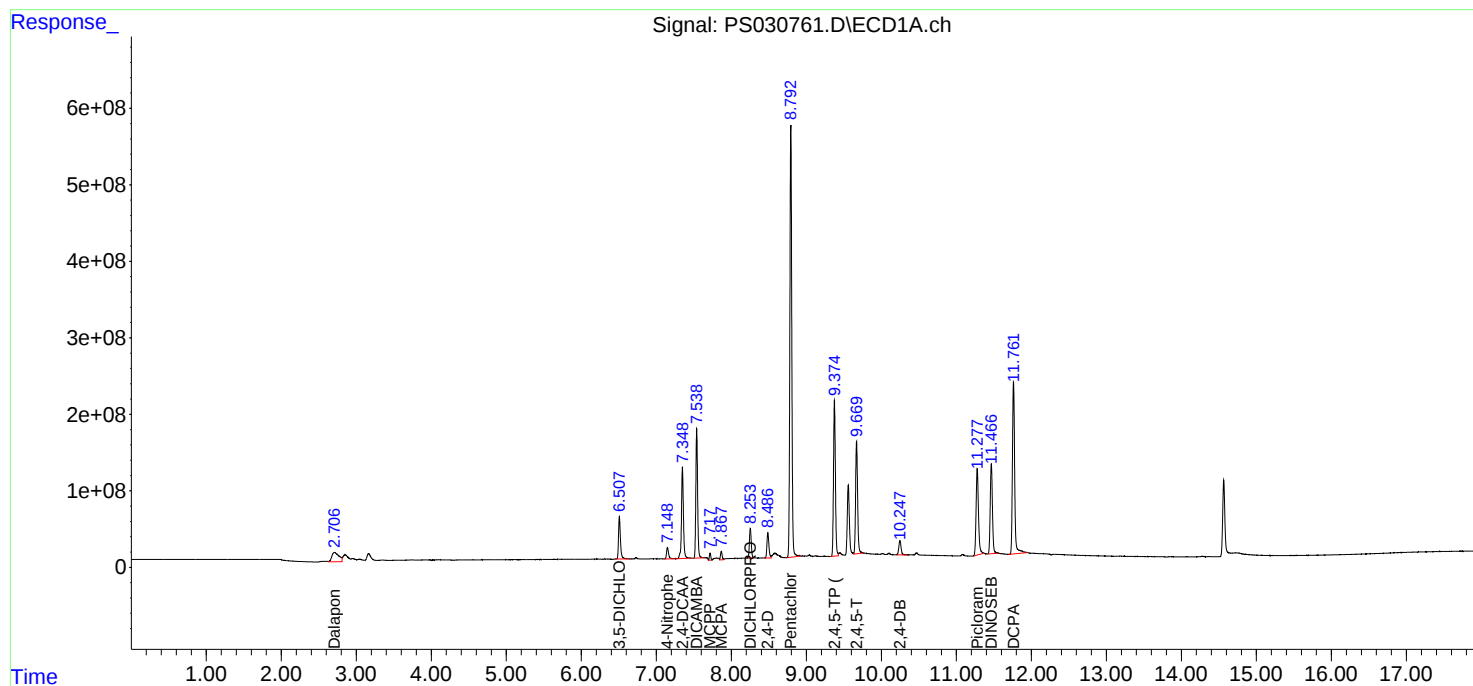
Instrument :
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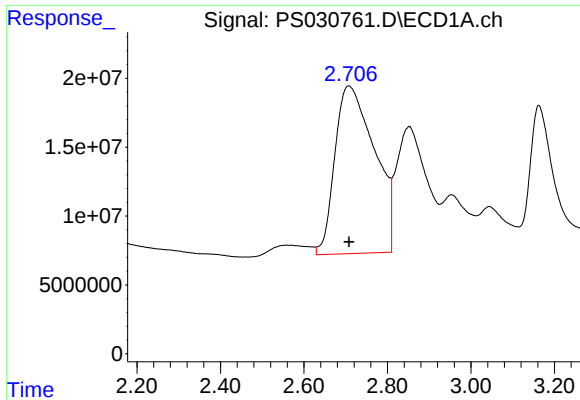
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Supervised By : mohammad ahmed 06/20/2025

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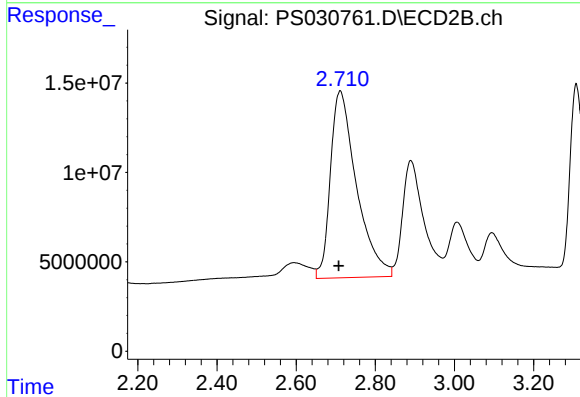
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.001 min
Response: 807093244
Conc: 135.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

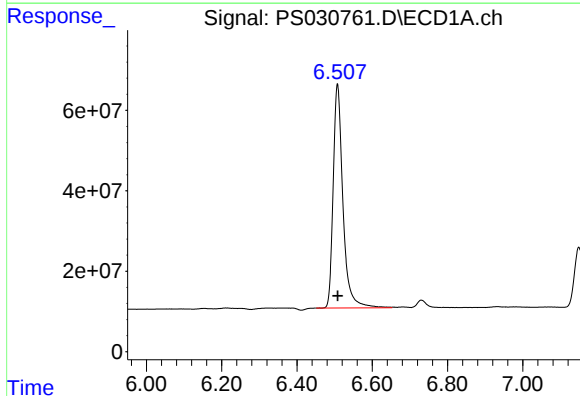
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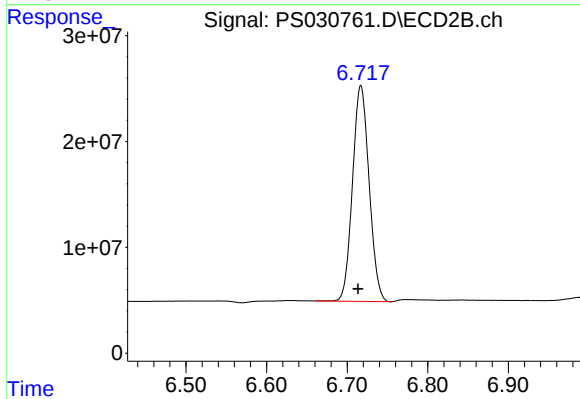
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.004 min
Response: 478163502
Conc: 174.40 ng/ml



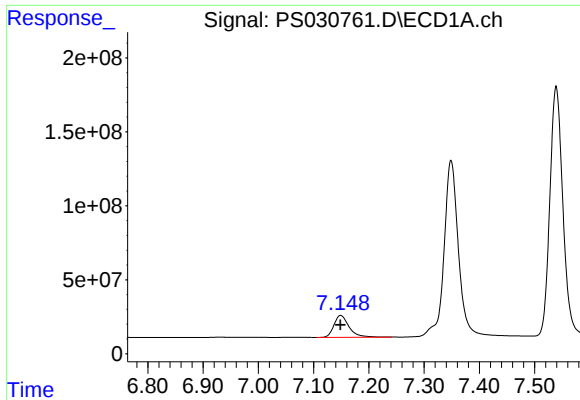
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: -0.001 min
Response: 1001109896
Conc: 186.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.717 min
Delta R.T.: 0.004 min
Response: 292115074
Conc: 181.08 ng/ml



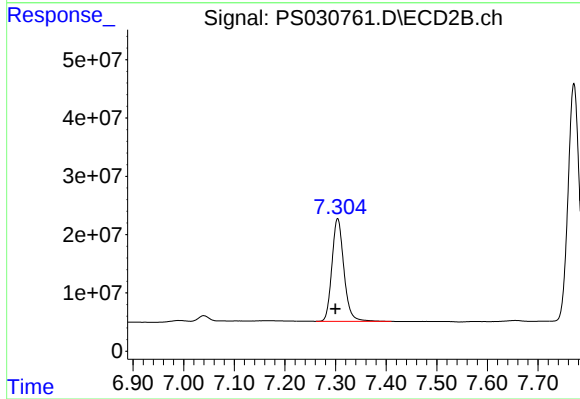
#3 4-Nitrophenol

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 281886004
Conc: 178.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

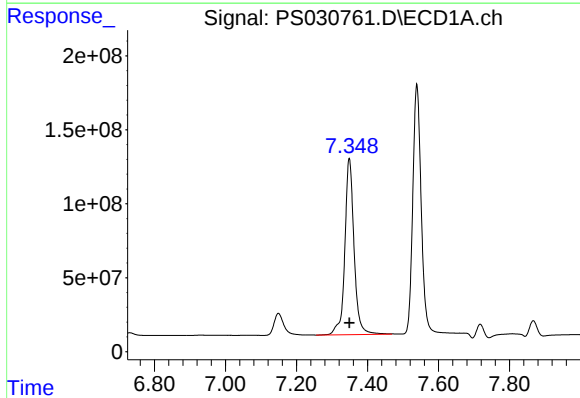
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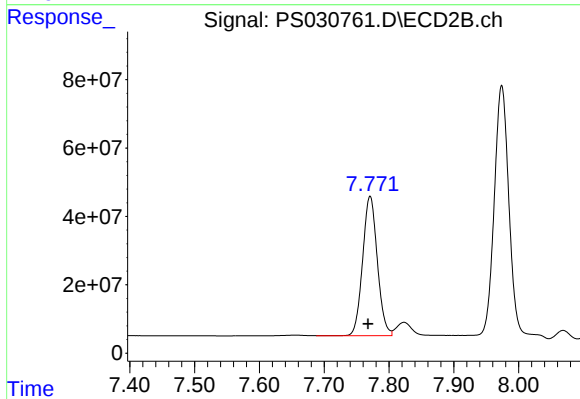
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.005 min
Response: 288894188
Conc: 166.65 ng/ml



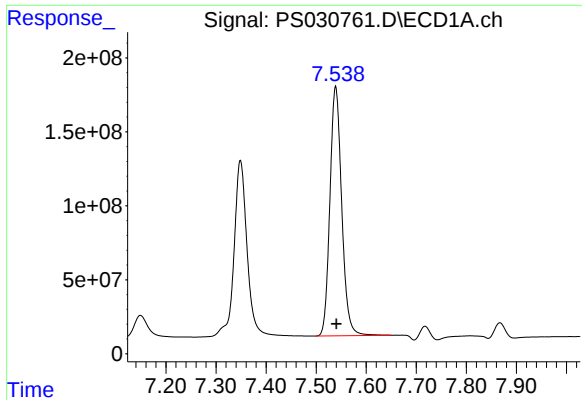
#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 2153813437
Conc: 586.17 ng/ml



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 642489264
Conc: 599.36 ng/ml



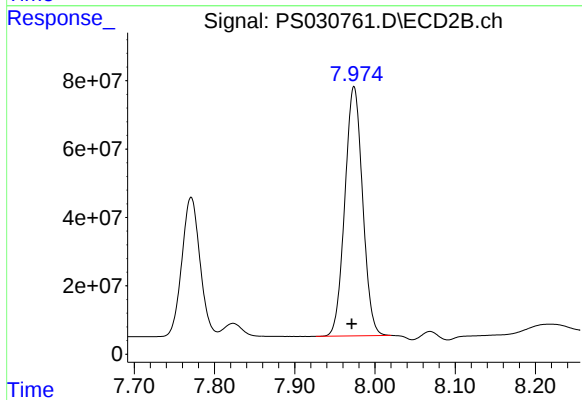
#5 DICAMBA

R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 2755299869
Conc: 181.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

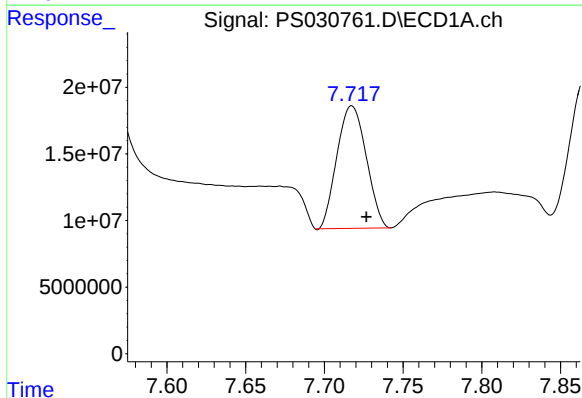
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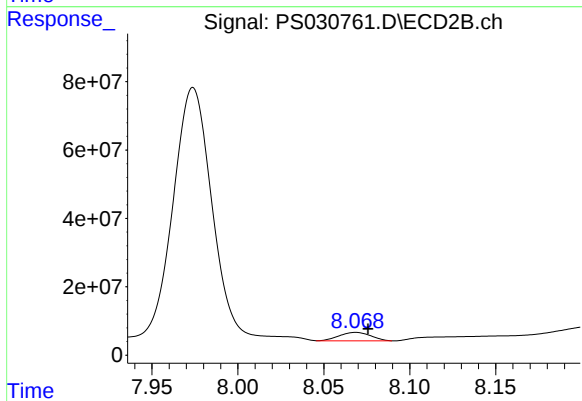
#5 DICAMBA

R.T.: 7.974 min
Delta R.T.: 0.003 min
Response: 1121608305
Conc: 171.15 ng/ml



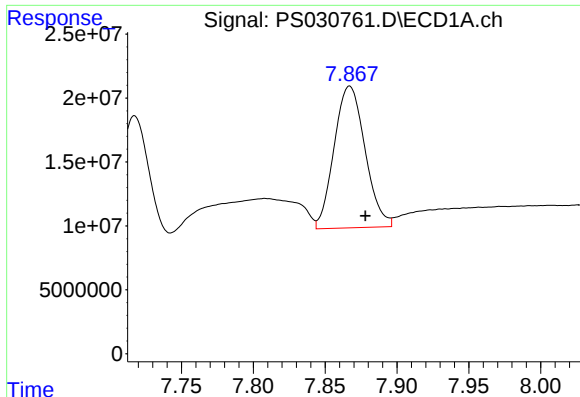
#6 MCP

R.T.: 7.717 min
Delta R.T.: -0.009 min
Response: 119111131
Conc: 12.69 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 31603959
Conc: 15.07 ug/ml m



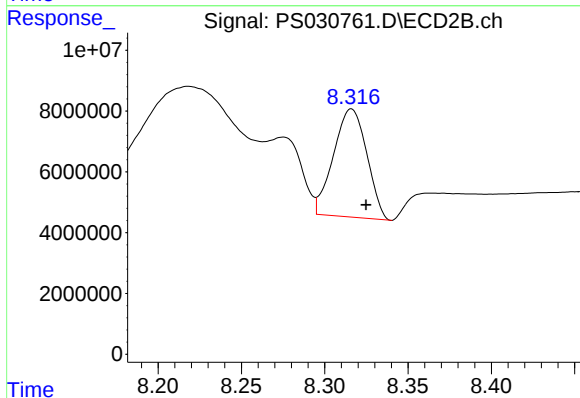
#7 MCPA

R.T.: 7.867 min
Delta R.T.: -0.011 min
Response: 166104243
Conc: 14.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

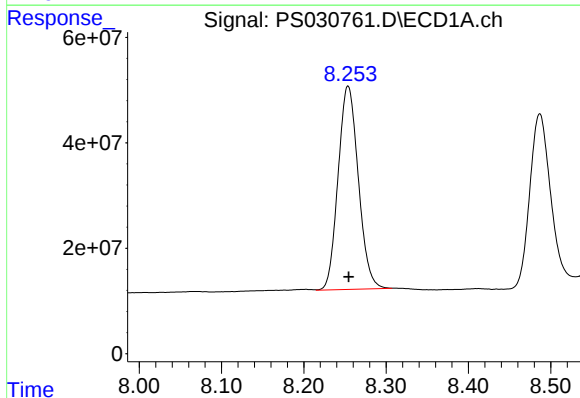
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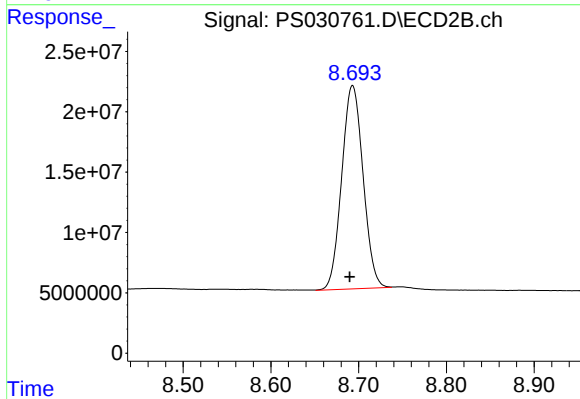
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 49480613
Conc: 15.73 ug/ml



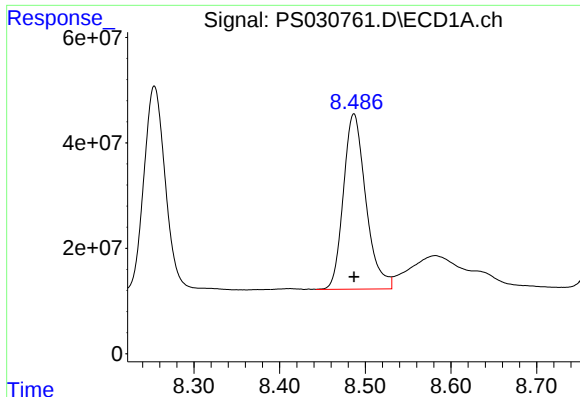
#8 DICHLORPROP

R.T.: 8.253 min
Delta R.T.: -0.001 min
Response: 658463590
Conc: 175.79 ng/ml m



#8 DICHLORPROP

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 284776935
Conc: 181.10 ng/ml m



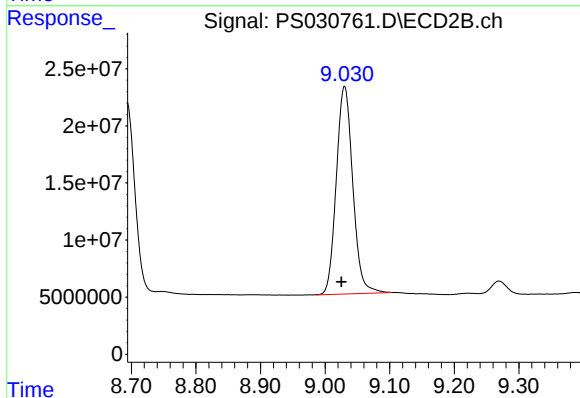
#9 2,4-D

R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 605027744
Conc: 175.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
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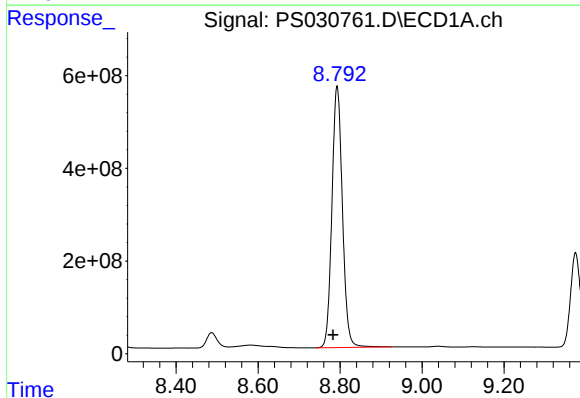
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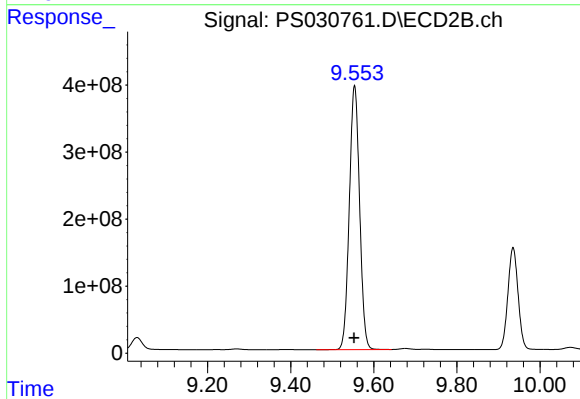
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: 0.004 min
Response: 323023620
Conc: 190.08 ng/ml m



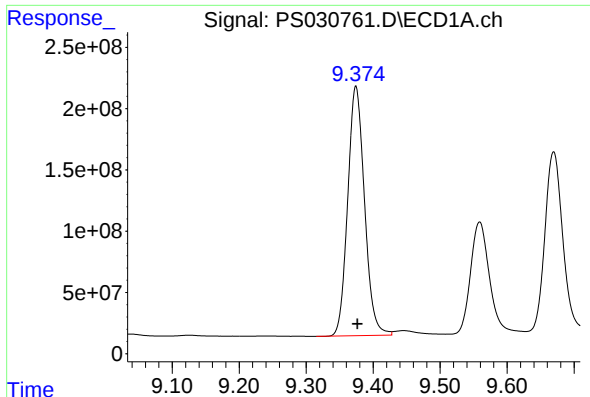
#10 Pentachlorophenol

R.T.: 8.793 min
Delta R.T.: 0.010 min
Response: 10030158814
Conc: 189.51 ng/ml



#10 Pentachlorophenol

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 6768326506
Conc: 177.54 ng/ml



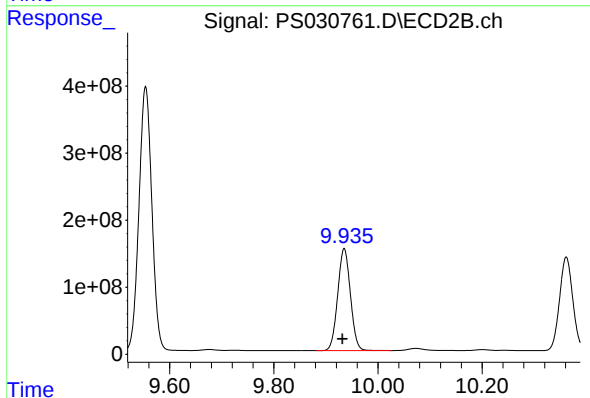
#11 2,4,5-TP (SILVEX)

R.T.: 9.374 min
Delta R.T.: -0.002 min
Response: 3548411276
Conc: 177.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
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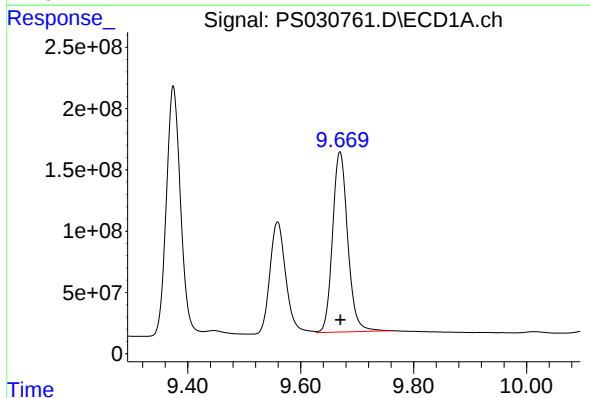
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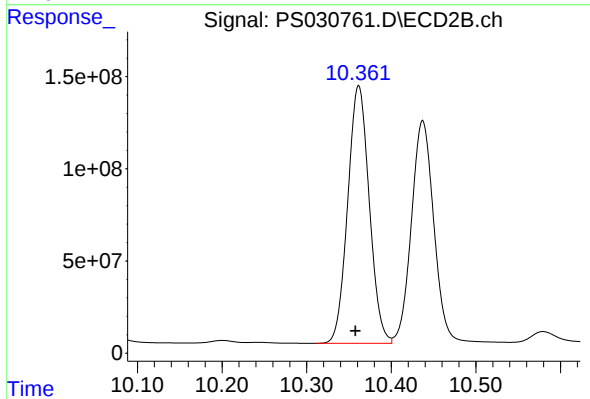
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min
Delta R.T.: 0.003 min
Response: 2588820200
Conc: 179.42 ng/ml



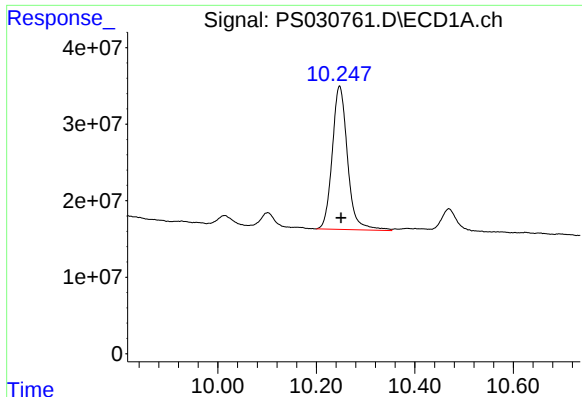
#12 2,4,5-T

R.T.: 9.669 min
Delta R.T.: 0.000 min
Response: 2739790614
Conc: 166.52 ng/ml



#12 2,4,5-T

R.T.: 10.361 min
Delta R.T.: 0.004 min
Response: 2470702651
Conc: 180.81 ng/ml



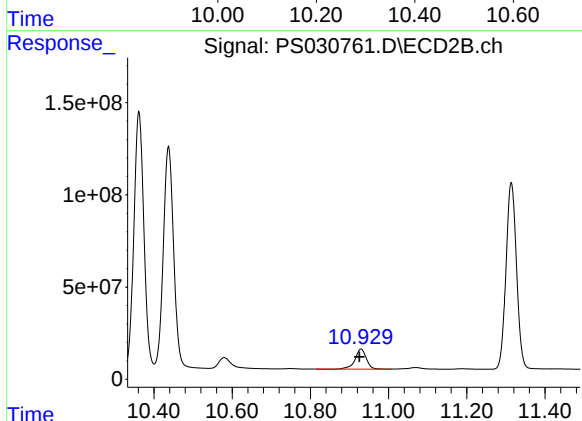
#13 2,4-DB

R.T.: 10.247 min
Delta R.T.: -0.003 min
Response: 404216891
Conc: 176.24 ng/ml

Instrument :
ECD_S
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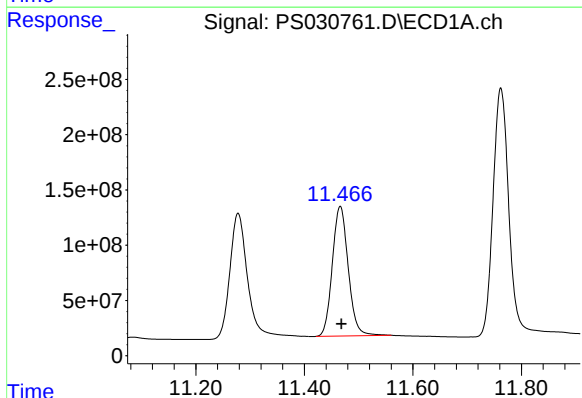
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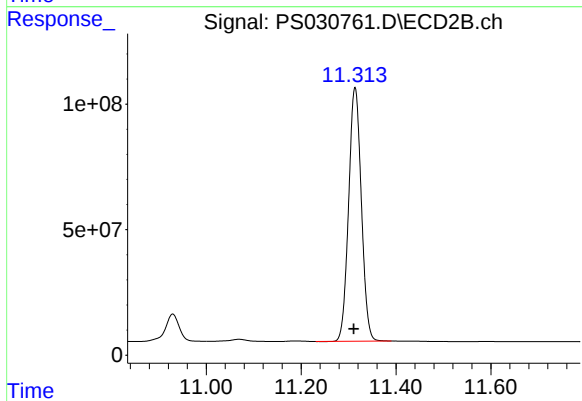
#13 2,4-DB

R.T.: 10.929 min
Delta R.T.: 0.004 min
Response: 220336808
Conc: 186.27 ng/ml



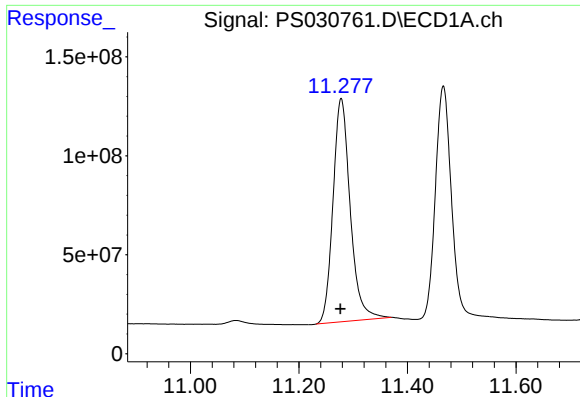
#14 DINOSEB

R.T.: 11.466 min
Delta R.T.: -0.002 min
Response: 2391952999
Conc: 172.42 ng/ml



#14 DINOSEB

R.T.: 11.314 min
Delta R.T.: 0.003 min
Response: 1878437203
Conc: 174.23 ng/ml



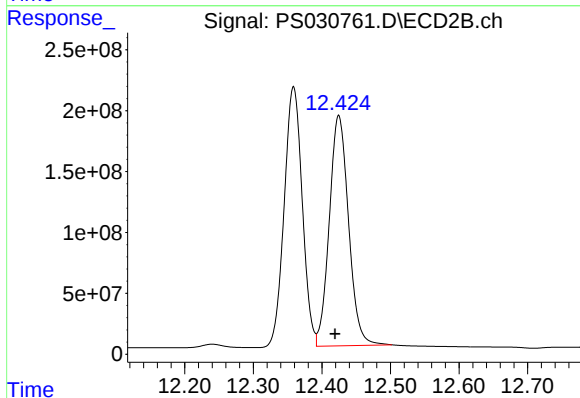
#15 Picloram

R.T.: 11.278 min
Delta R.T.: 0.001 min
Response: 2489434861
Conc: 154.85 ng/ml

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ClientSampleId :
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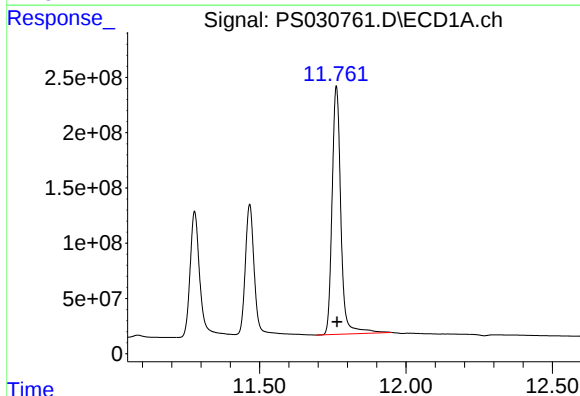
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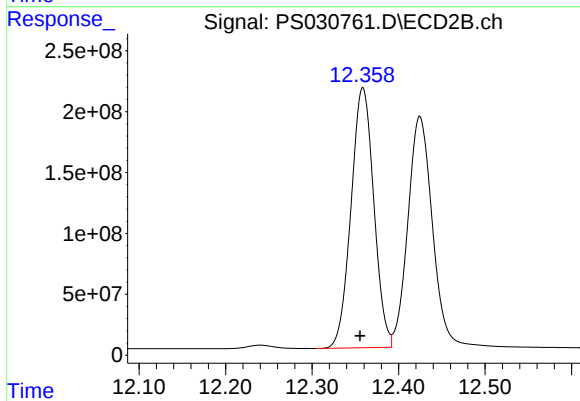
#15 Picloram

R.T.: 12.425 min
Delta R.T.: 0.005 min
Response: 3696823466
Conc: 159.06 ng/ml



#16 DCPA

R.T.: 11.762 min
Delta R.T.: -0.003 min
Response: 4688242355
Conc: 183.02 ng/ml



#16 DCPA

R.T.: 12.359 min
Delta R.T.: 0.003 min
Response: 3909894760
Conc: 177.38 ng/ml