

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061925\
 Data File : PS030760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 18:04
 Operator : AR\AJ
 Sample : Q2126-01
 Misc : LOD MDL SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-03-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 23:05:29 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	2222.7E6	653.5E6	604.920	609.647
Target Compounds							
1) T	Dalapon	2.709	2.712	818.6E6	485.4E6	137.216	177.031 #
2) T	3,5-DICHL...	6.508	6.717	1023.5E6	298.3E6	190.331	184.916
3) T	4-Nitroph...	7.150	7.305	293.9E6	294.7E6	186.383	169.980
5) T	DICAMBA	7.539	7.974	2823.5E6	1142.4E6	185.572	174.325
6) T	MCPD	7.717	8.068	124.4E6	32689734	13.255	15.586m
7) T	MCPA	7.867	8.316	174.9E6	49235883	14.906	15.652
8) T	DICHLORPROP	8.254	8.693	747.1E6	290.9E6	199.455	184.997m
9) T	2,4-D	8.487	9.030	657.9E6	329.0E6	191.007	193.592m
10) T	Pentachlo...	8.793	9.554	10280.3E6	6890.8E6	194.241	180.756
11) T	2,4,5-TP ...	9.375	9.935	3670.9E6	2629.1E6	183.269	182.213
12) T	2,4,5-T	9.669	10.362	2872.8E6	2510.4E6	174.603	183.717
13) T	2,4-DB	10.249	10.930	423.8E6	223.8E6	184.773	189.180
14) T	DINOSEB	11.465	11.314	2467.7E6	1910.3E6	177.875	177.184
15) T	Picloram	11.277	12.425	2611.6E6	3757.4E6	162.454	161.668
16) T	DCPA	11.761	12.358	4729.8E6	3965.9E6	184.642	179.916

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

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ALS Vial : 8 Sample Multiplier: 1

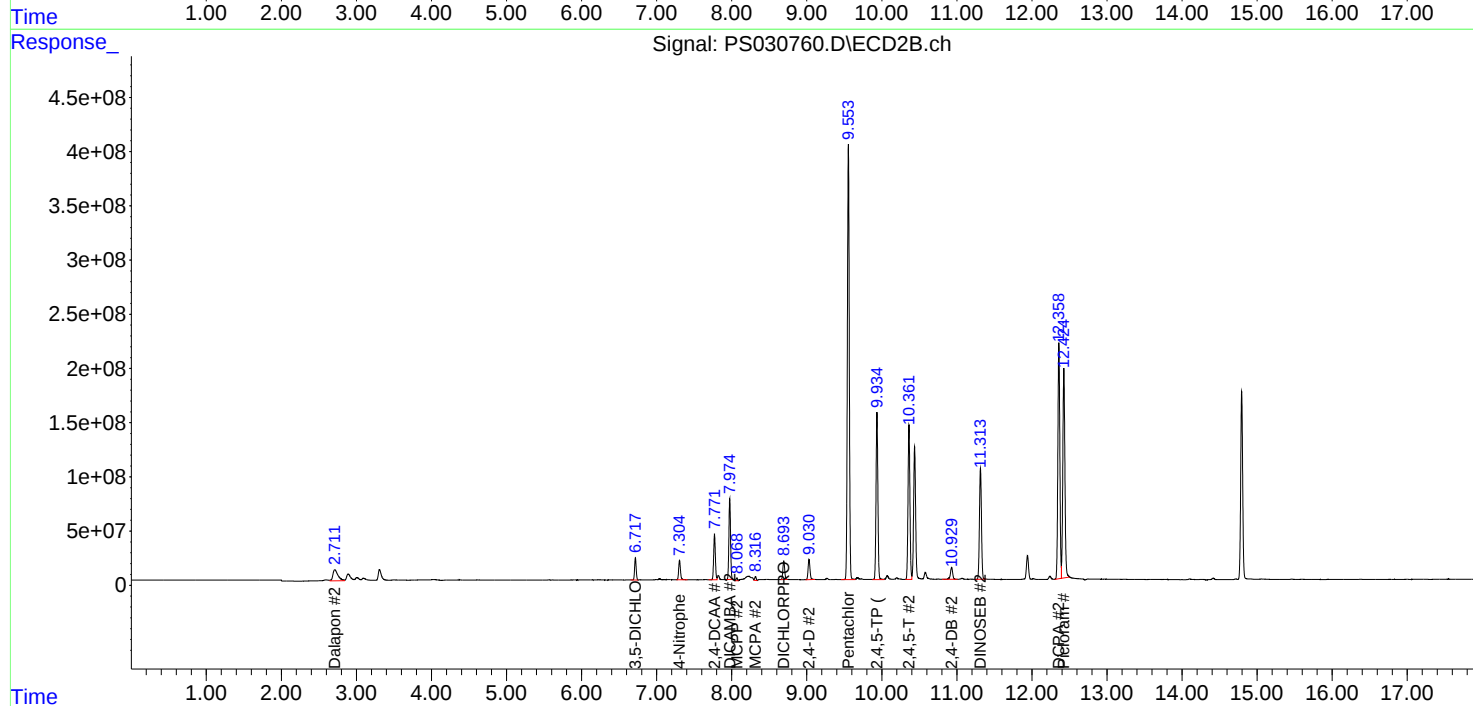
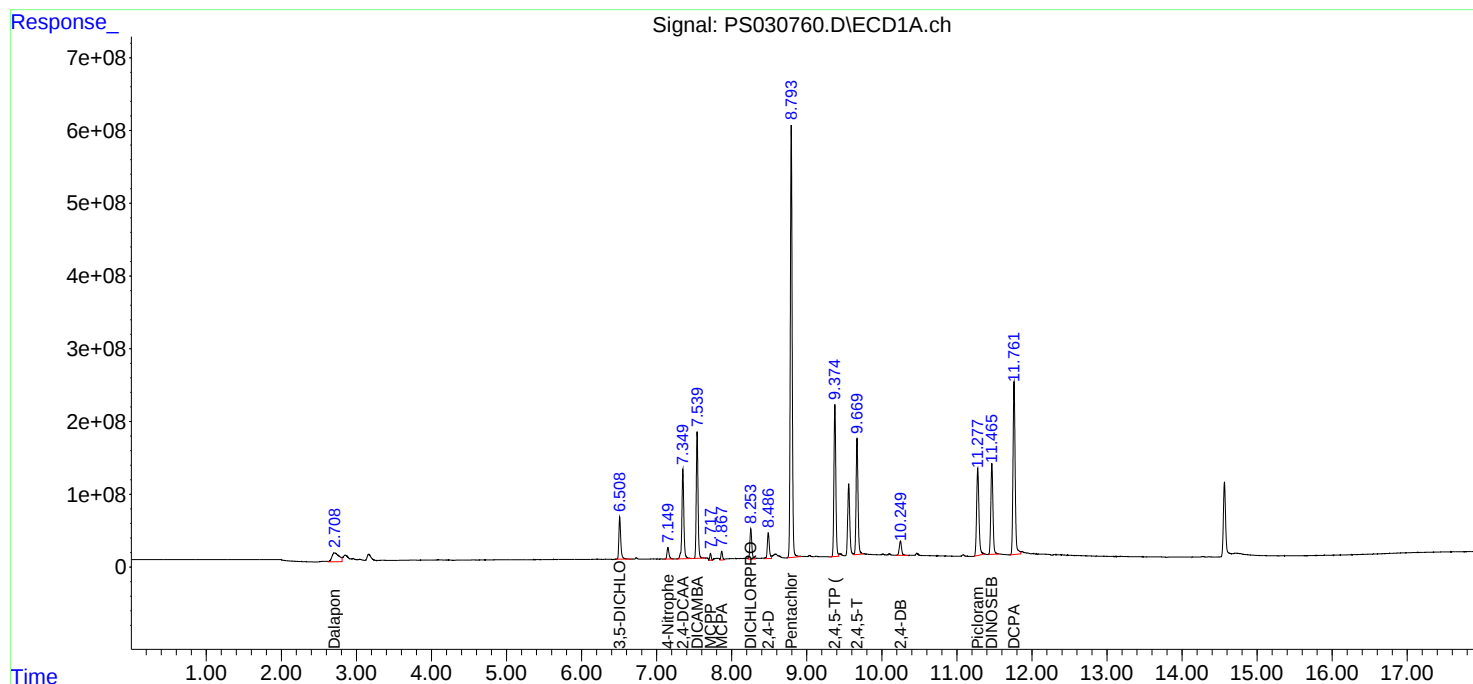
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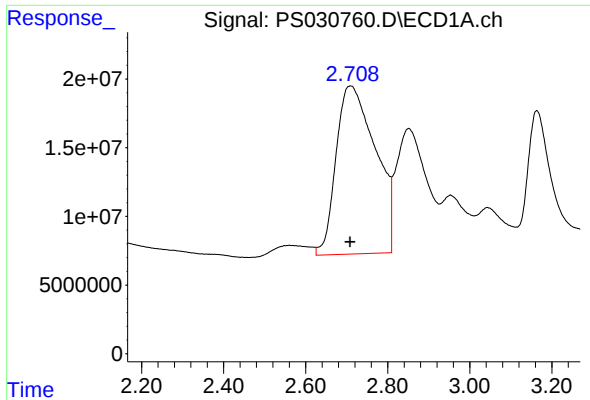
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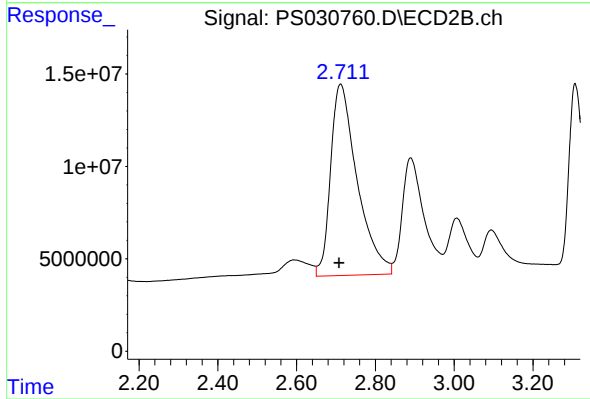
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.000 min
Response: 818579221
Conc: 137.22 ng/ml

Instrument :
ECD_S
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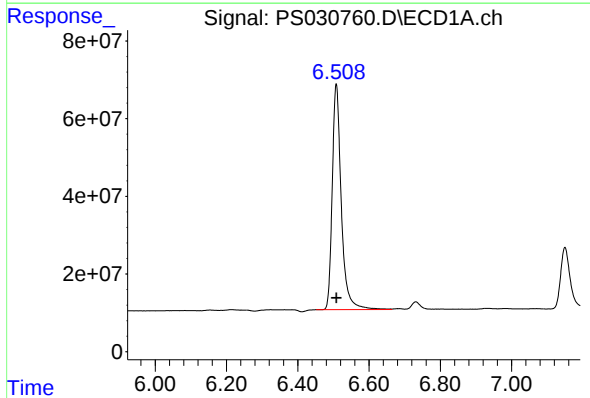
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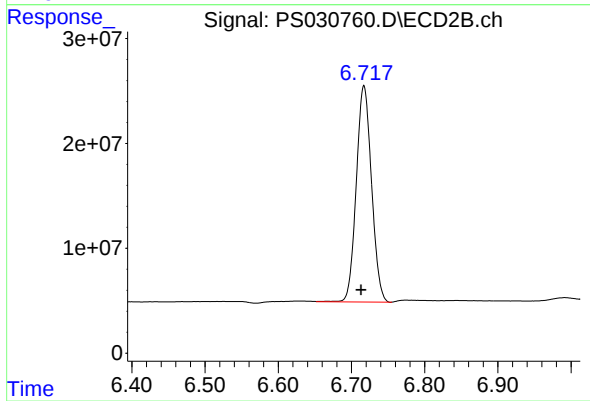
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.004 min
Response: 485372379
Conc: 177.03 ng/ml



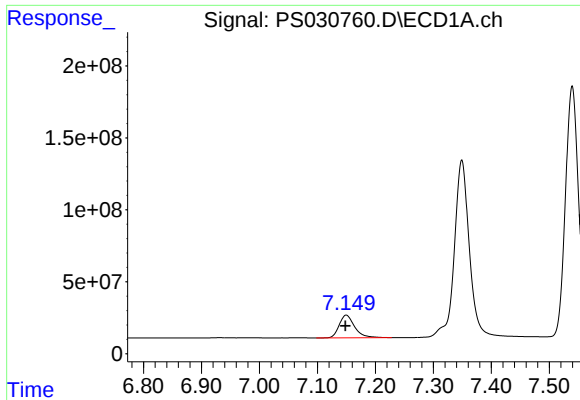
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 1023512365
Conc: 190.33 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.717 min
Delta R.T.: 0.004 min
Response: 298296504
Conc: 184.92 ng/ml



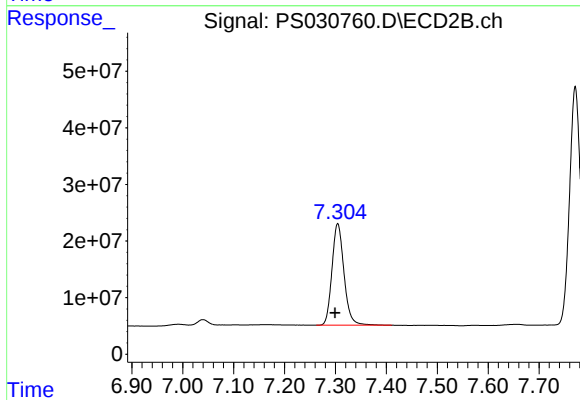
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.001 min
Response: 293883556
Conc: 186.38 ng/ml

Instrument :
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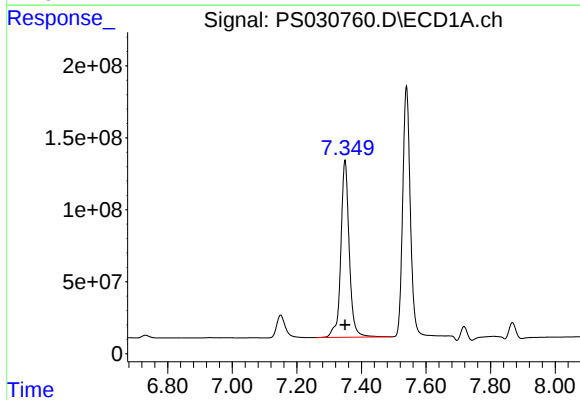
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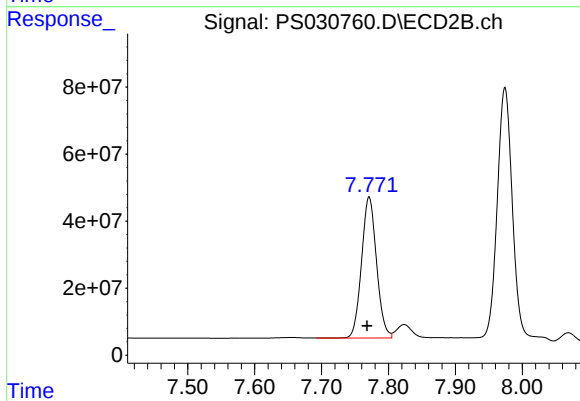
#3 4-Nitrophenol

R.T.: 7.305 min
Delta R.T.: 0.005 min
Response: 294665835
Conc: 169.98 ng/ml



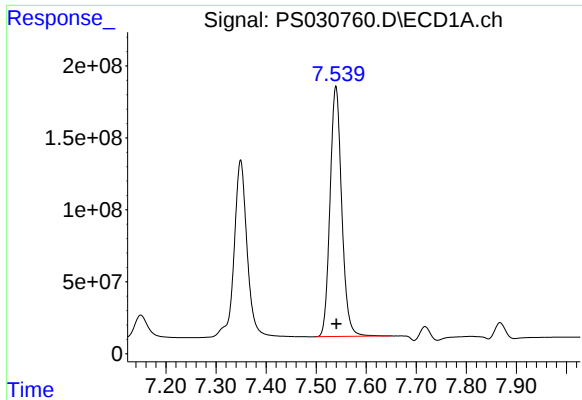
#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 2222715316
Conc: 604.92 ng/ml



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 653519429
Conc: 609.65 ng/ml



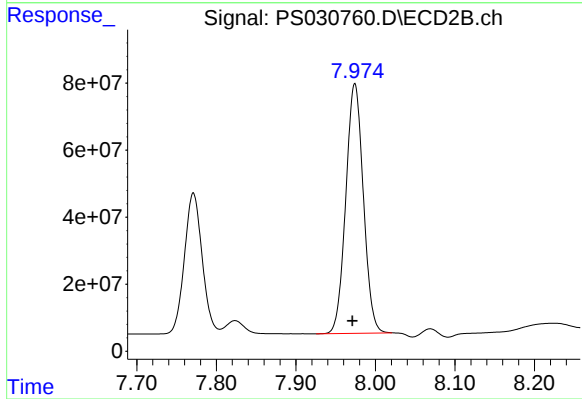
#5 DICAMBA

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 2823496745
Conc: 185.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
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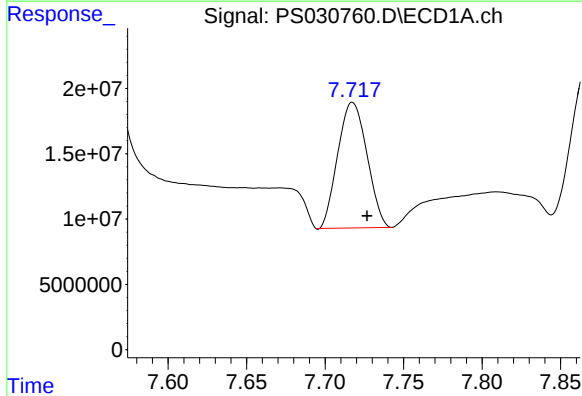
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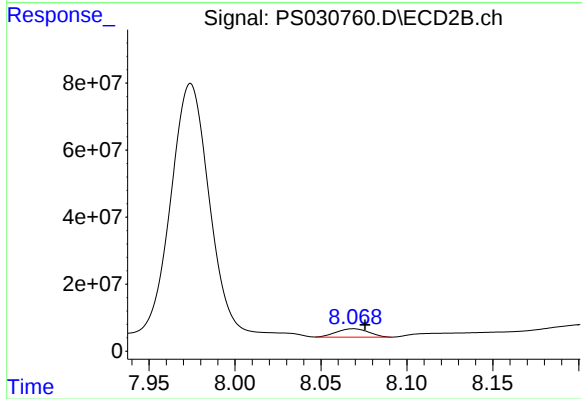
#5 DICAMBA

R.T.: 7.974 min
Delta R.T.: 0.003 min
Response: 1142388225
Conc: 174.32 ng/ml



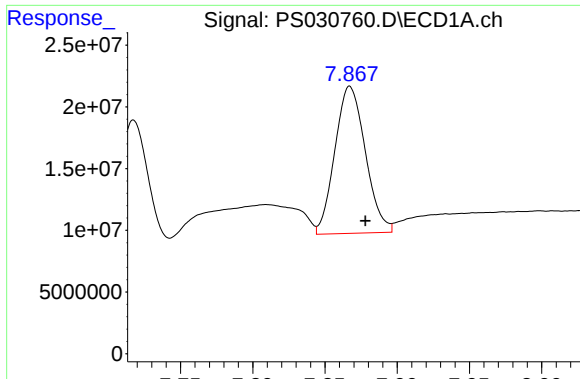
#6 MCP

R.T.: 7.717 min
Delta R.T.: -0.009 min
Response: 124443551
Conc: 13.26 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.007 min
Response: 32689734
Conc: 15.59 ug/ml m



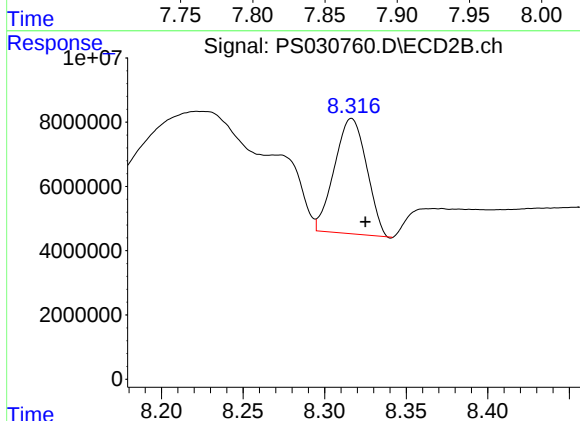
#7 MCPA

R.T.: 7.867 min
Delta R.T.: -0.011 min
Response: 174855454
Conc: 14.91 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

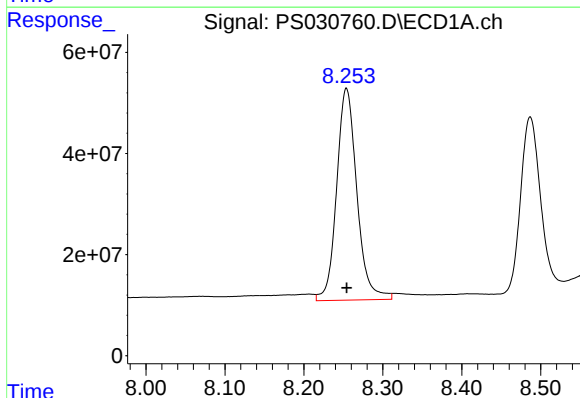
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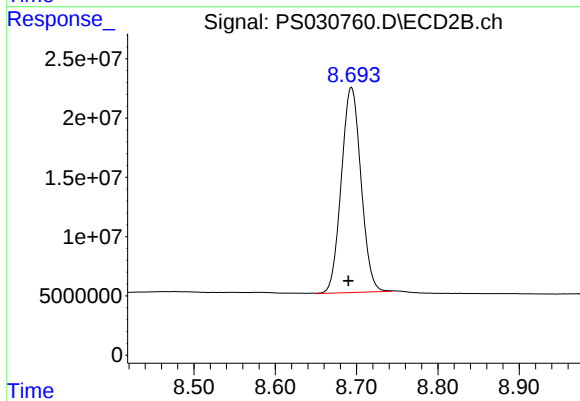
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 49235883
Conc: 15.65 ug/ml



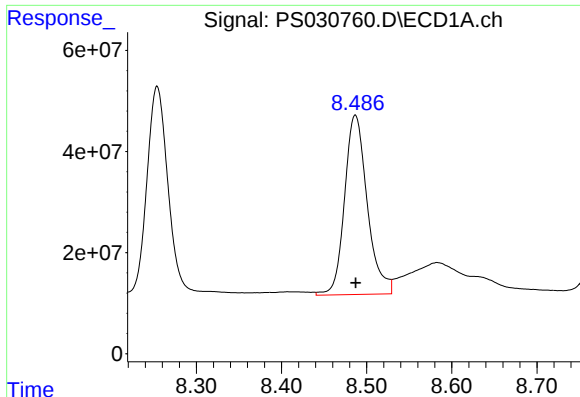
#8 DICHLORPROP

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 747110732
Conc: 199.45 ng/ml



#8 DICHLORPROP

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 290907737
Conc: 185.00 ng/ml m



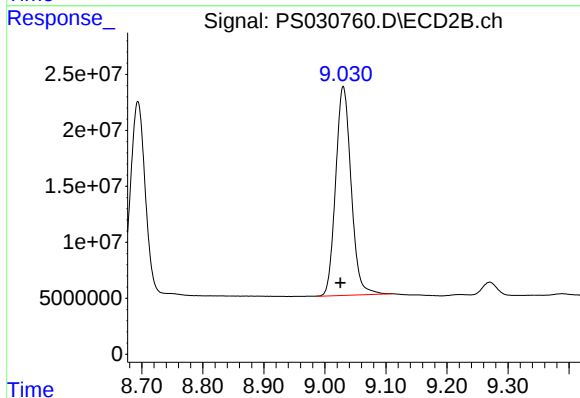
#9 2,4-D

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 657906265
Conc: 191.01 ng/ml

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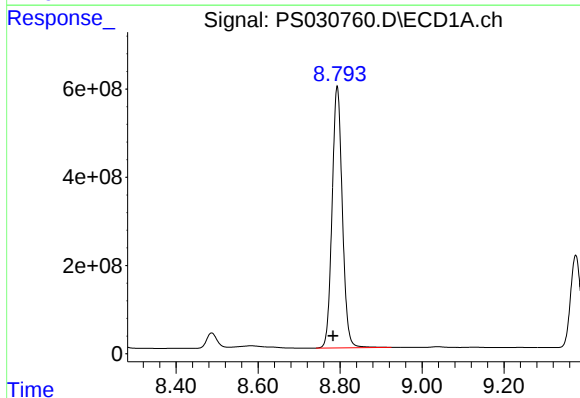
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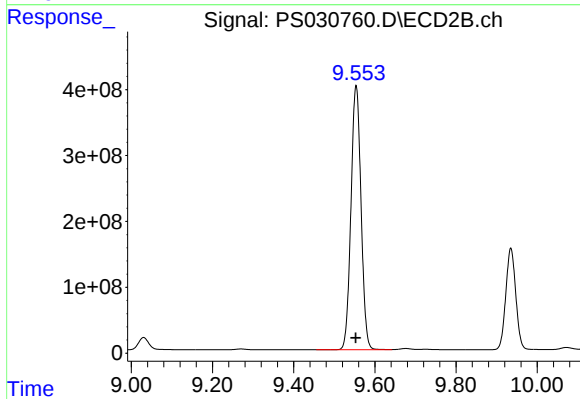
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: 0.004 min
Response: 328991601
Conc: 193.59 ng/ml m



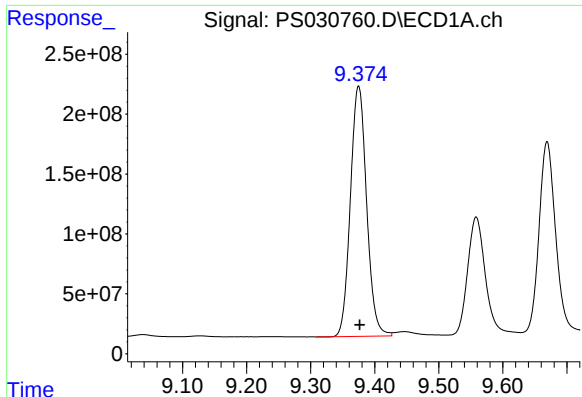
#10 Pentachlorophenol

R.T.: 8.793 min
Delta R.T.: 0.010 min
Response: 10280314381
Conc: 194.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 6890791042
Conc: 180.76 ng/ml



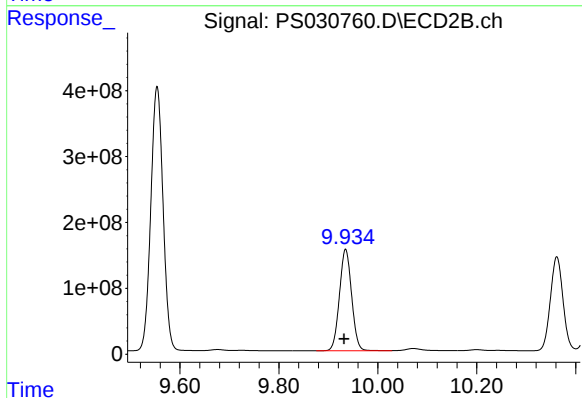
#11 2,4,5-TP (SILVEX)

R.T.: 9.375 min
Delta R.T.: -0.002 min
Response: 3670947077
Conc: 183.27 ng/ml

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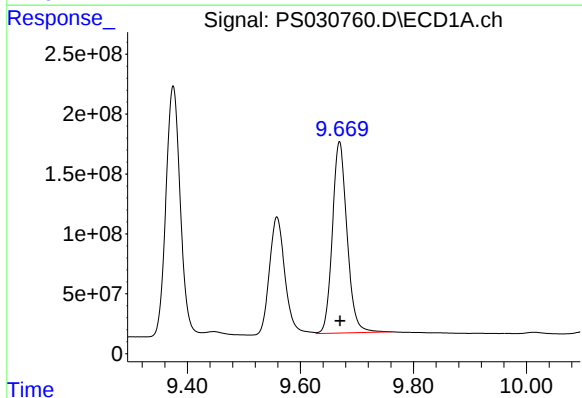
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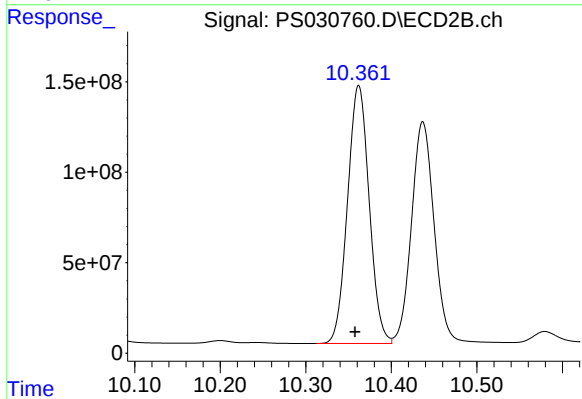
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min
Delta R.T.: 0.003 min
Response: 2629099372
Conc: 182.21 ng/ml



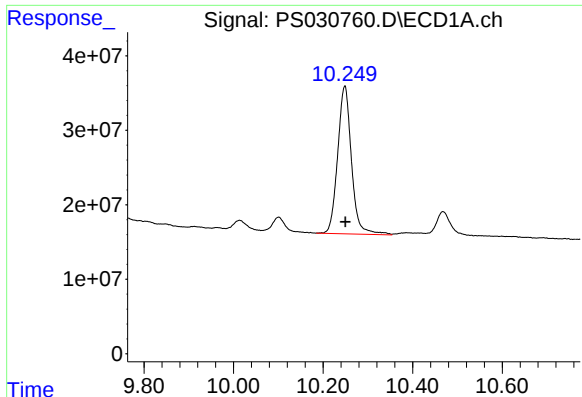
#12 2,4,5-T

R.T.: 9.669 min
Delta R.T.: -0.001 min
Response: 2872765621
Conc: 174.60 ng/ml



#12 2,4,5-T

R.T.: 10.362 min
Delta R.T.: 0.004 min
Response: 2510423973
Conc: 183.72 ng/ml



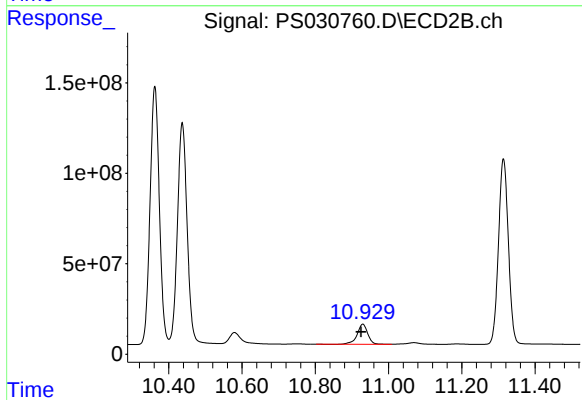
#13 2,4-DB

R.T.: 10.249 min
Delta R.T.: -0.001 min
Response: 423778068
Conc: 184.77 ng/ml

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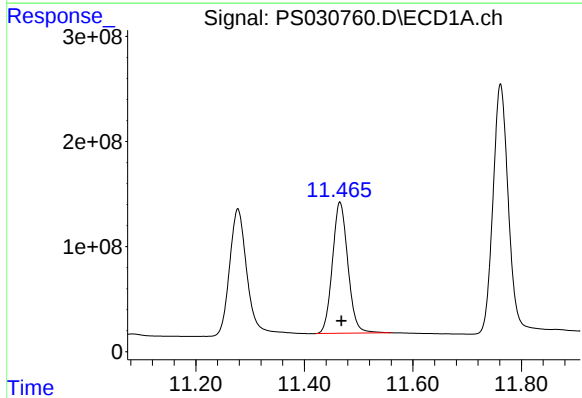
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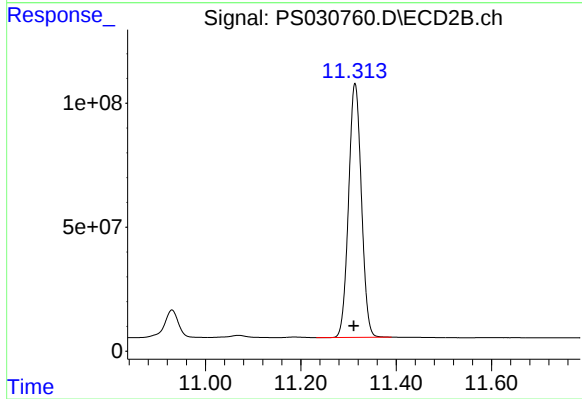
#13 2,4-DB

R.T.: 10.930 min
Delta R.T.: 0.005 min
Response: 223782059
Conc: 189.18 ng/ml



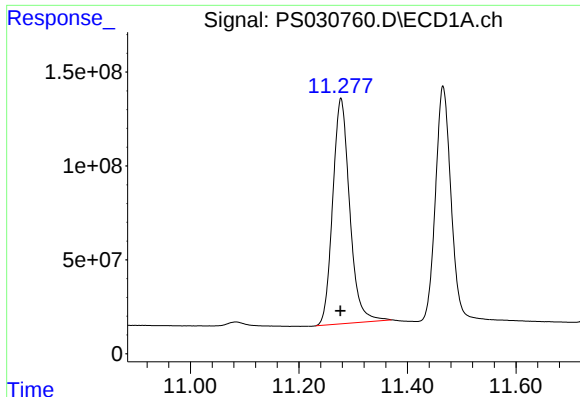
#14 DINOSEB

R.T.: 11.465 min
Delta R.T.: -0.003 min
Response: 2467696860
Conc: 177.88 ng/ml



#14 DINOSEB

R.T.: 11.314 min
Delta R.T.: 0.003 min
Response: 1910268716
Conc: 177.18 ng/ml



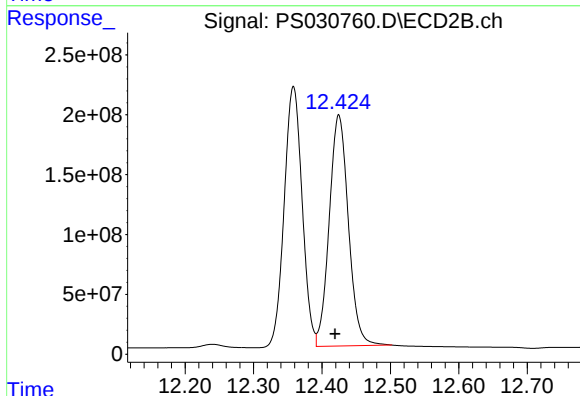
#15 Picloram

R.T.: 11.277 min
Delta R.T.: 0.000 min
Response: 2611632548
Conc: 162.45 ng/ml

Instrument :
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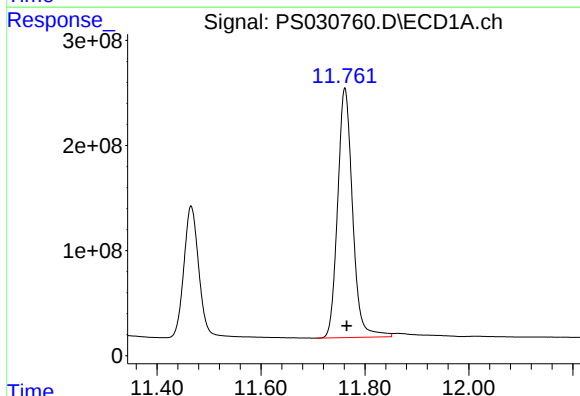
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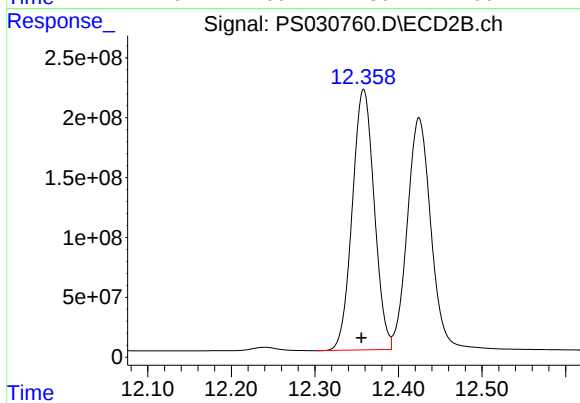
#15 Picloram

R.T.: 12.425 min
Delta R.T.: 0.005 min
Response: 3757391168
Conc: 161.67 ng/ml



#16 DCPA

R.T.: 11.761 min
Delta R.T.: -0.004 min
Response: 4729836753
Conc: 184.64 ng/ml



#16 DCPA

R.T.: 12.358 min
Delta R.T.: 0.003 min
Response: 3965853744
Conc: 179.92 ng/ml