

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS020525\
 Data File : PS029074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2025 10:22
 Operator : AR\AJ
 Sample : Q1168-03
 Misc : MDL/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2025
 Supervised By : Ankita Jodhani 02/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 02:14:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS011425.M
 Quant Title : 8080.M
 QLast Update : Tue Feb 04 17:44:08 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	7.189	7.665	1376.5E6	488.9E6	507.935	441.734
Target Compounds							
1) T	Dalapon	2.609	2.663	216.5E6	247.0E6	72.472m	121.543m#
2) T	3,5-DICHL...	6.367	6.633	399.6E6	144.2E6	102.355	88.008
3) T	4-Nitroph...	6.990	7.198	140.4E6	72541790	80.273	82.282
5) T	DICAMBA	7.373	7.861	1087.2E6	448.8E6	93.261	80.434
6) T	MCPD	7.549	7.961	44189111	17672883	6.342m	5.834
7) T	MCPA	7.697	8.201	73107474	31855107	7.390	7.495
8) T	DICHLORPROP	8.077	8.572	330.5E6	131.3E6	106.982	94.050
9) T	2,4-D	8.309	8.900	359.2E6	144.5E6	108.960	97.253
10) T	Pentachlo...	8.600	9.419	4878.3E6	2084.8E6	107.428	91.421
11) T	2,4,5-TP ...	9.176	9.797	1985.2E6	905.4E6	106.459	96.947
12) T	2,4,5-T	9.468	10.214	1765.5E6	756.9E6	94.306m	84.751m
13) T	2,4-DB	10.042	10.779	269.2E6	87796277	77.095m	88.276
14) T	DINOSEB	11.237	11.155	1454.1E6	481.1E6	90.220	75.766
15) T	Picloram	11.055	12.239	2519.4E6	814.7E6	81.299	60.530m#
16) T	DCPA	11.528	12.191	1814.0E6	976.0E6	65.040	86.614m#

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

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Sample : Q1168-03
Misc : MDL/SOIL
ALS Vial : 5 Sample Multiplier: 1

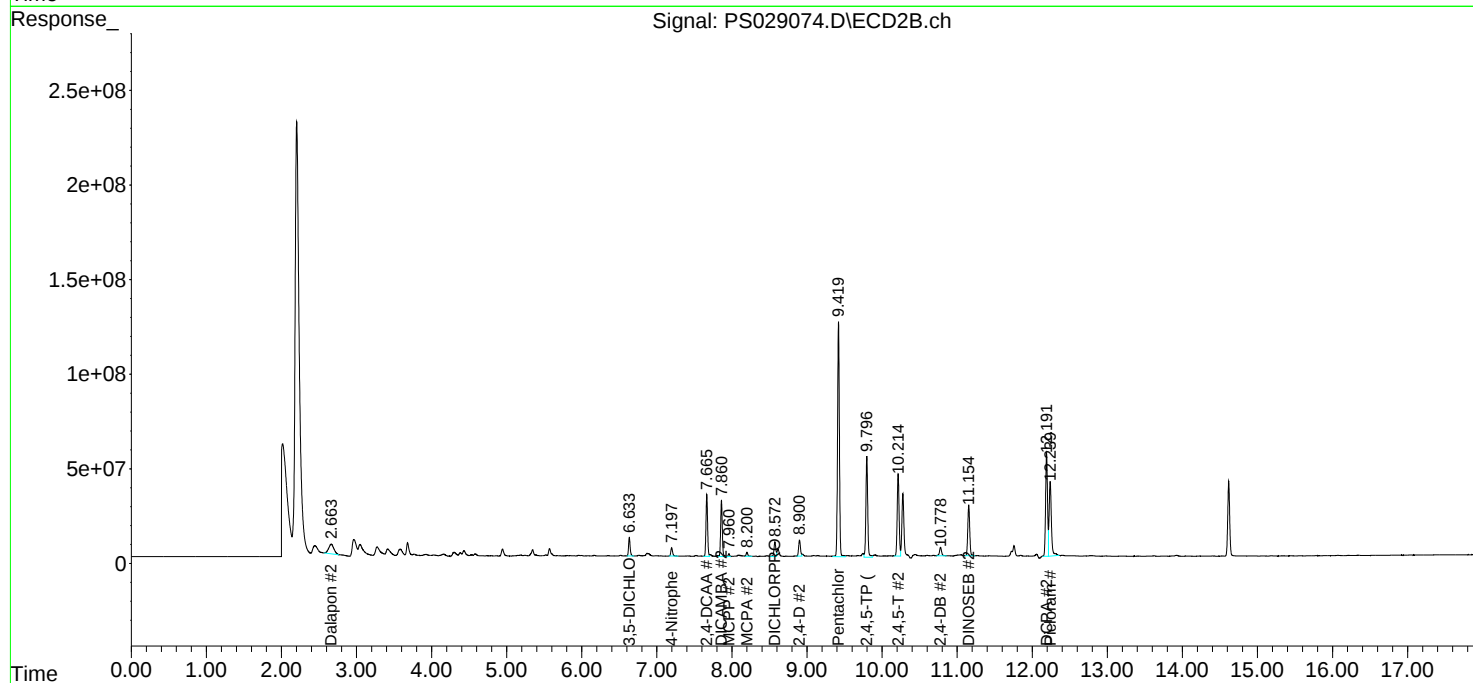
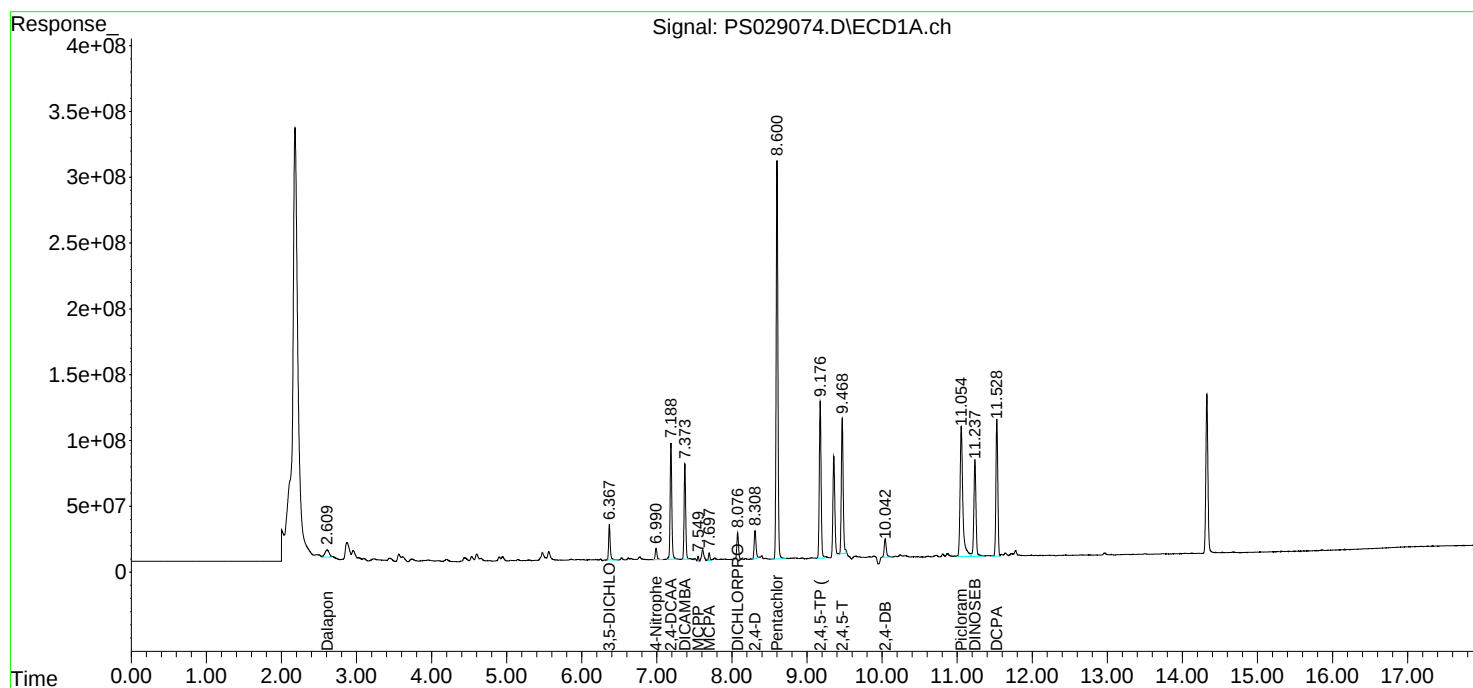
Instrument :
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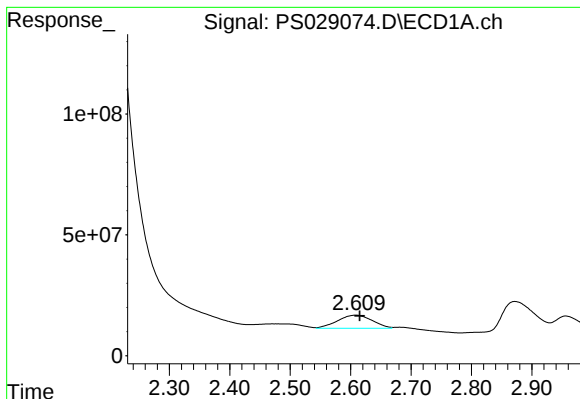
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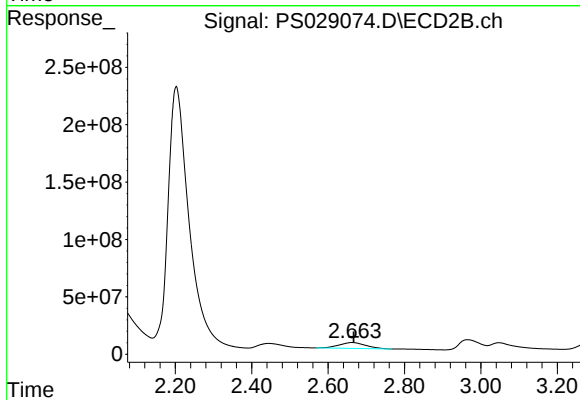
#1 Dalapon

R.T.: 2.609 min
Delta R.T.: -0.006 min
Response: 216459536
Conc: 72.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
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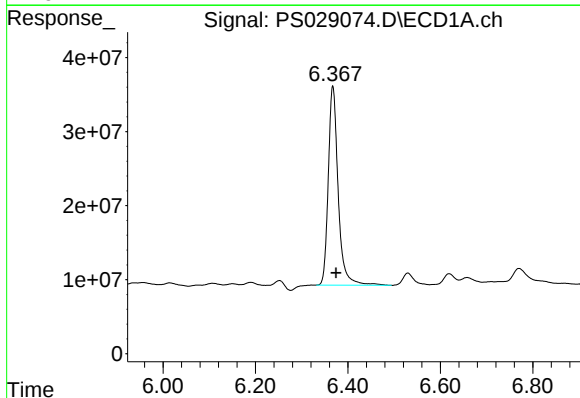
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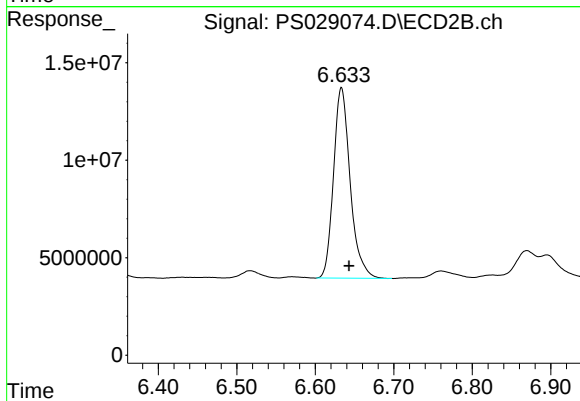
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.005 min
Response: 247032366
Conc: 121.54 ng/ml m



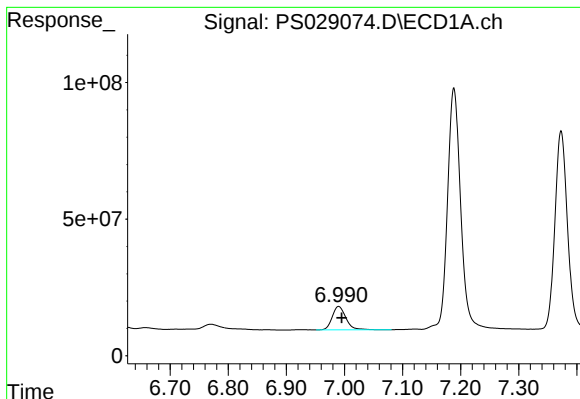
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.367 min
Delta R.T.: -0.007 min
Response: 399585393
Conc: 102.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 144211944
Conc: 88.01 ng/ml



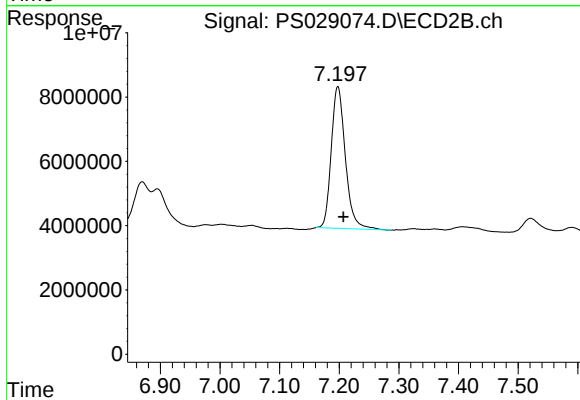
#3 4-Nitrophenol

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 140351196
Conc: 80.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2025

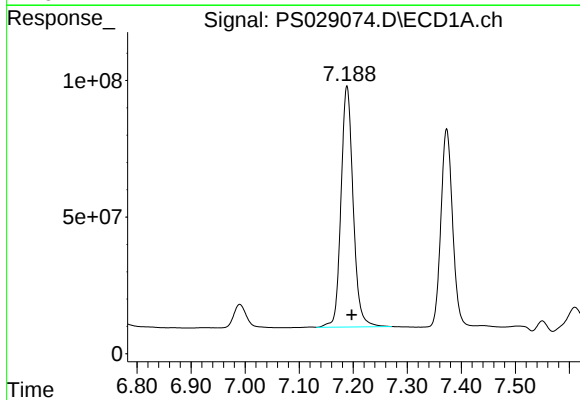
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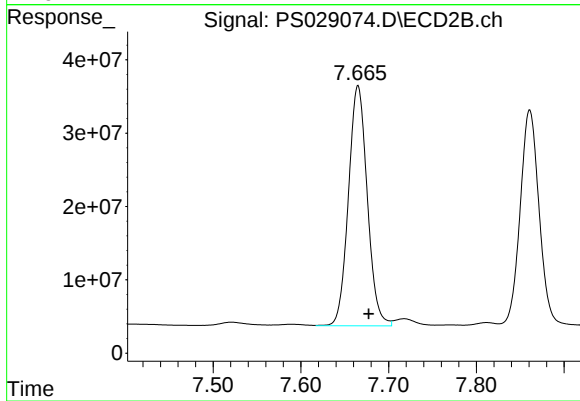
#3 4-Nitrophenol

R.T.: 7.198 min
Delta R.T.: -0.009 min
Response: 72541790
Conc: 82.28 ng/ml



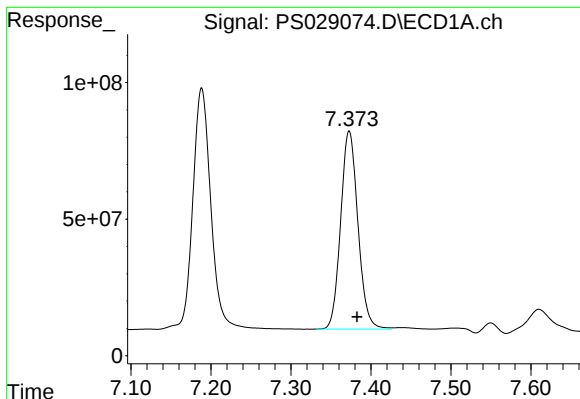
#4 2,4-DCAA

R.T.: 7.189 min
Delta R.T.: -0.009 min
Response: 1376485456
Conc: 507.94 ng/ml



#4 2,4-DCAA

R.T.: 7.665 min
Delta R.T.: -0.012 min
Response: 488851968
Conc: 441.73 ng/ml



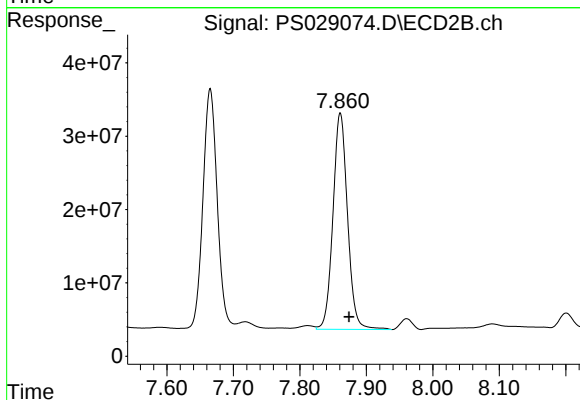
#5 DICAMBA

R.T.: 7.373 min
Delta R.T.: -0.010 min
Response: 1087212965
Conc: 93.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
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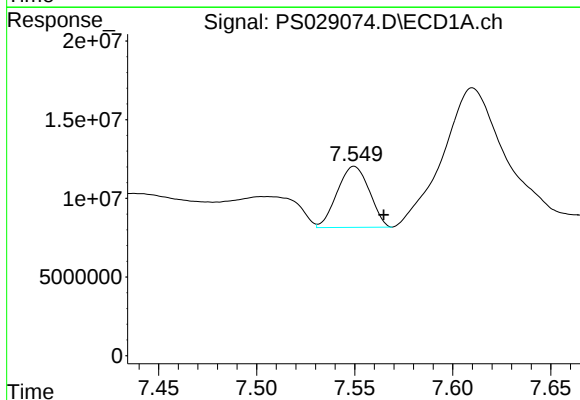
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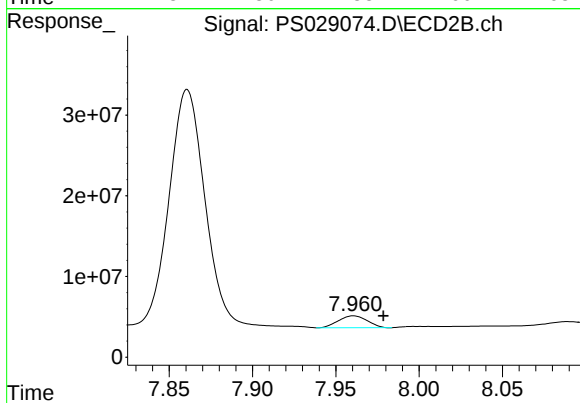
#5 DICAMBA

R.T.: 7.861 min
Delta R.T.: -0.013 min
Response: 448752456
Conc: 80.43 ng/ml



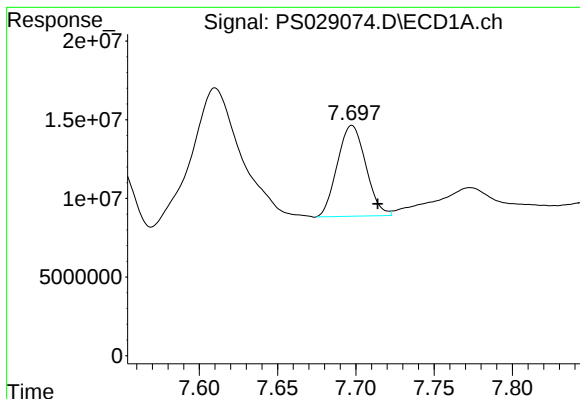
#6 MCP

R.T.: 7.549 min
Delta R.T.: -0.015 min
Response: 44189111
Conc: 6.34 ug/ml m



#6 MCP

R.T.: 7.961 min
Delta R.T.: -0.018 min
Response: 17672883
Conc: 5.83 ug/ml



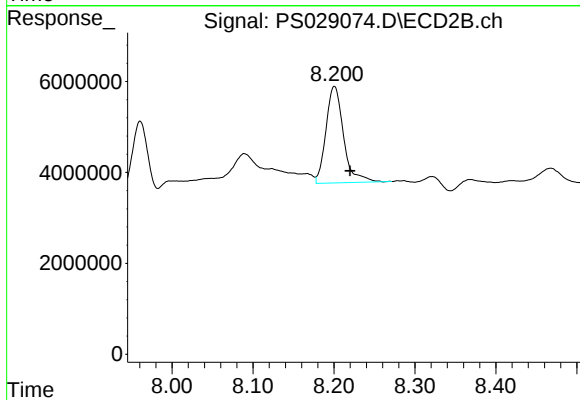
#7 MCPA

R.T.: 7.697 min
Delta R.T.: -0.017 min
Response: 73107474
Conc: 7.39 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2025

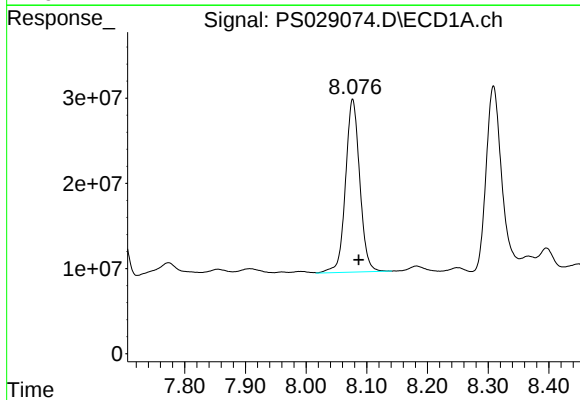
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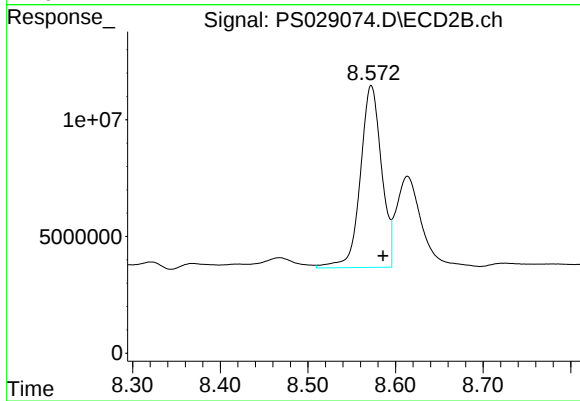
#7 MCPA

R.T.: 8.201 min
Delta R.T.: -0.020 min
Response: 31855107
Conc: 7.49 ug/ml



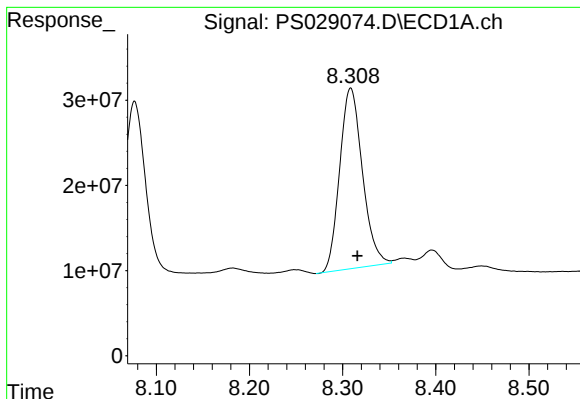
#8 DICHLORPROP

R.T.: 8.077 min
Delta R.T.: -0.010 min
Response: 330479572
Conc: 106.98 ng/ml



#8 DICHLORPROP

R.T.: 8.572 min
Delta R.T.: -0.014 min
Response: 131252969
Conc: 94.05 ng/ml



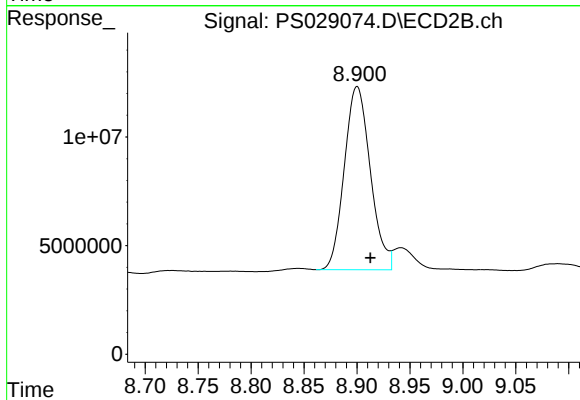
#9 2,4-D

R.T.: 8.309 min
Delta R.T.: -0.007 min
Response: 359248687
Conc: 108.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2025

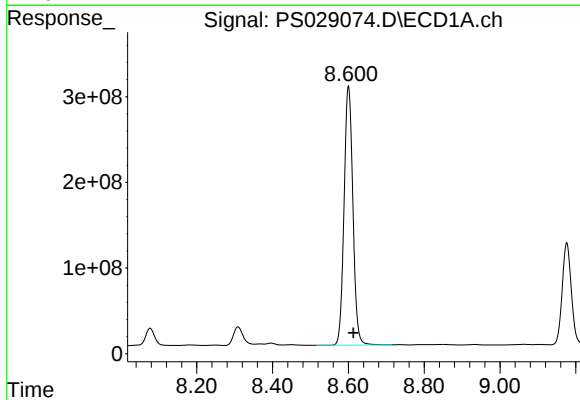
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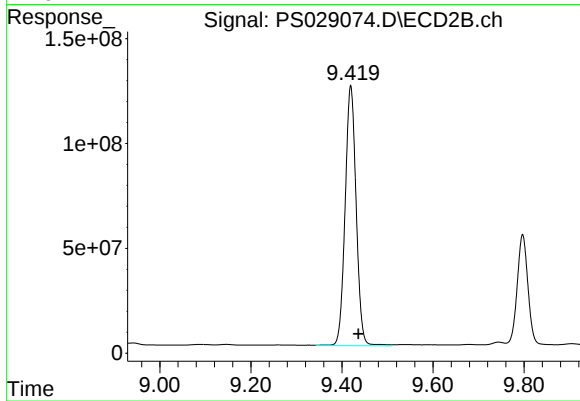
#9 2,4-D

R.T.: 8.900 min
Delta R.T.: -0.013 min
Response: 144466101
Conc: 97.25 ng/ml



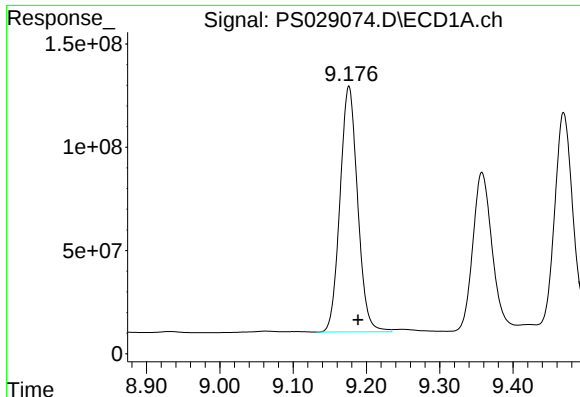
#10 Pentachlorophenol

R.T.: 8.600 min
Delta R.T.: -0.013 min
Response: 4878257069
Conc: 107.43 ng/ml



#10 Pentachlorophenol

R.T.: 9.419 min
Delta R.T.: -0.017 min
Response: 2084763100
Conc: 91.42 ng/ml



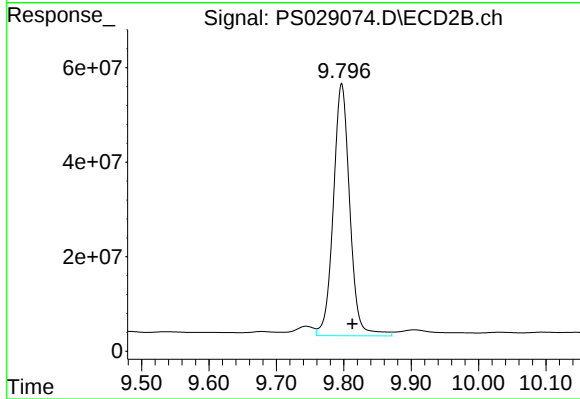
#11 2,4,5-TP (SILVEX)

R.T.: 9.176 min
Delta R.T.: -0.013 min
Response: 1985201570
Conc: 106.46 ng/ml

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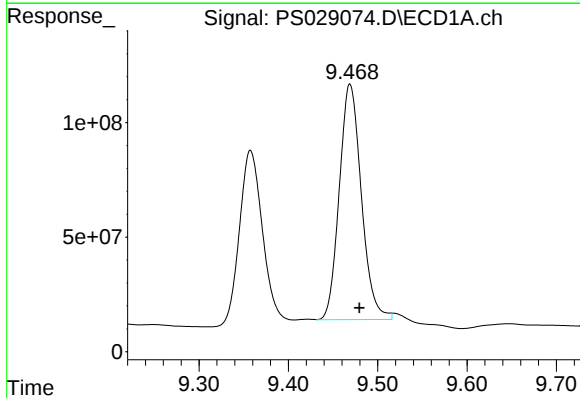
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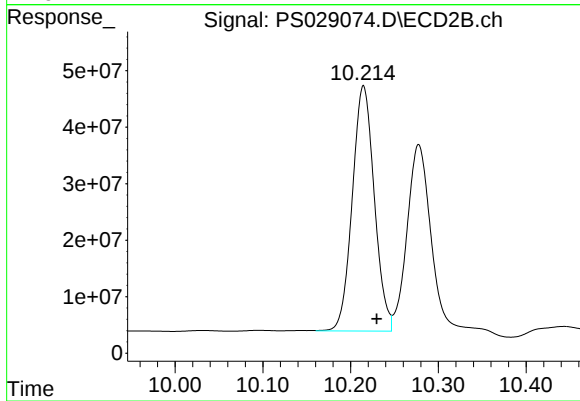
#11 2,4,5-TP (SILVEX)

R.T.: 9.797 min
Delta R.T.: -0.016 min
Response: 905360202
Conc: 96.95 ng/ml



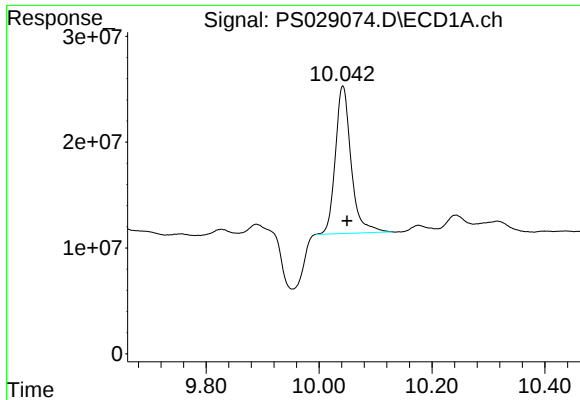
#12 2,4,5-T

R.T.: 9.468 min
Delta R.T.: -0.011 min
Response: 1765455183
Conc: 94.31 ng/ml m



#12 2,4,5-T

R.T.: 10.214 min
Delta R.T.: -0.015 min
Response: 756892176
Conc: 84.75 ng/ml m



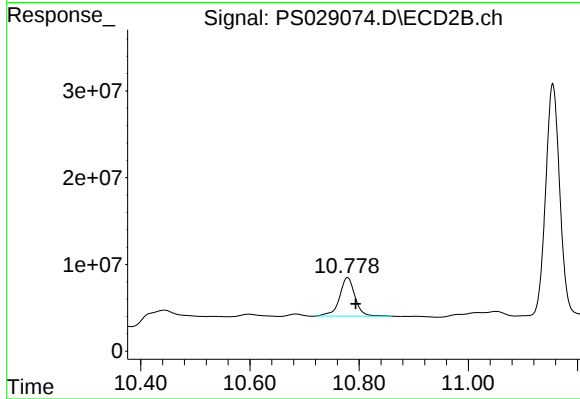
#13 2,4-DB

R.T.: 10.042 min
Delta R.T.: -0.008 min
Response: 269207834
Conc: 77.10 ng/ml

Instrument :
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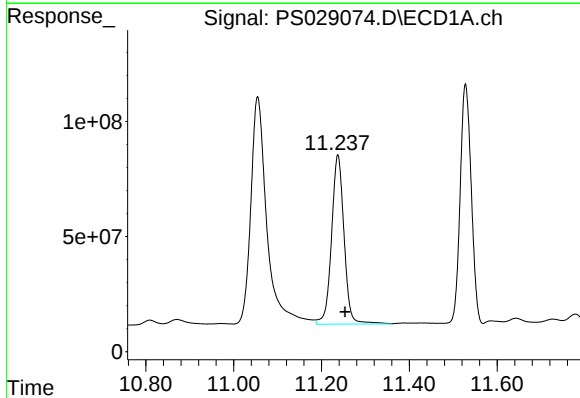
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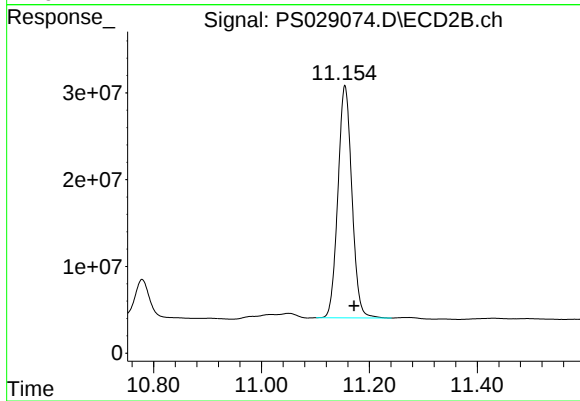
#13 2,4-DB

R.T.: 10.779 min
Delta R.T.: -0.015 min
Response: 87796277
Conc: 88.28 ng/ml



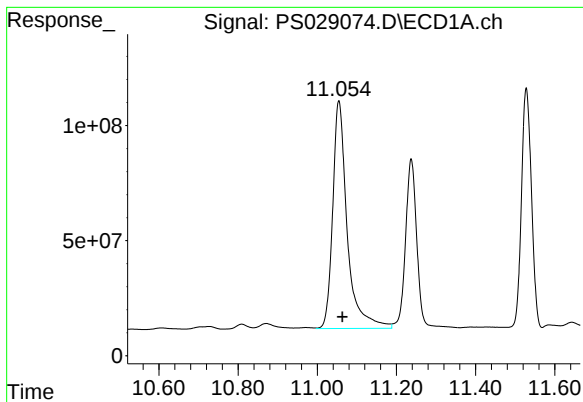
#14 DINOSEB

R.T.: 11.237 min
Delta R.T.: -0.016 min
Response: 1454104886
Conc: 90.22 ng/ml



#14 DINOSEB

R.T.: 11.155 min
Delta R.T.: -0.017 min
Response: 481086887
Conc: 75.77 ng/ml



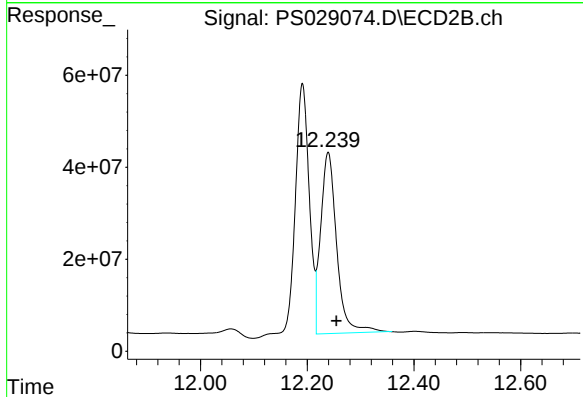
#15 Picloram

R.T.: 11.055 min
Delta R.T.: -0.009 min
Response: 2519396223
Conc: 81.30 ng/ml

Instrument :
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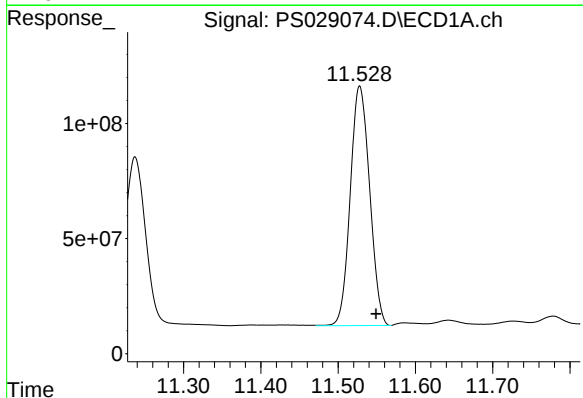
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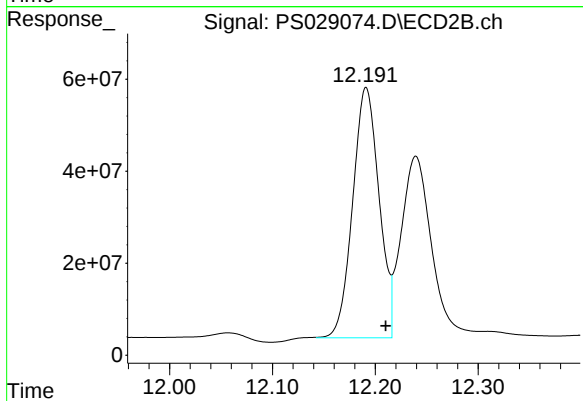
#15 Picloram

R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 814703449
Conc: 60.53 ng/ml m



#16 DCPA

R.T.: 11.528 min
Delta R.T.: -0.021 min
Response: 1814034023
Conc: 65.04 ng/ml



#16 DCPA

R.T.: 12.191 min
Delta R.T.: -0.020 min
Response: 976040827
Conc: 86.61 ng/ml m