

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS032024\
 Data File : PS026212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2024 14:24
 Operator : AR\AJ
 Sample : SOIL-IDOC-4
 Misc : FOR EVELYN
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-IDOC-4

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2024
 Supervised By :Ankita Jodhani 03/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 15:40:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS031924.M
 Quant Title : 8080.M
 QLast Update : Tue Mar 19 15:58:33 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	7.191	7.711	1592.3E6	485.8E6	495.928m	516.273
Target Compounds							
1) T	Dalapon	2.639	2.685	2253.1E6	819.0E6	435.701	430.902
2) T	3,5-DICHL...	6.370	6.675	2201.8E6	626.7E6	470.986	434.980
3) T	4-Nitroph...	6.988	7.240	863.8E6	217.8E6	495.288	460.196
5) T	DICAMBA	7.377	7.907	5908.3E6	1878.5E6	435.960	432.652
6) T	MCPD	7.557	8.011	422.1E6	141.7E6	43.453	44.373
7) T	MCPA	7.706	8.250	571.6E6	210.7E6	42.120	48.535
8) T	DICHLORPROP	8.081	8.617	1581.4E6	480.4E6	450.332	443.572
9) T	2,4-D	8.310	8.942	1874.9E6	547.7E6	525.076	531.888
10) T	Pentachlo...	8.607	9.463	23665.8E6	7465.0E6	499.174	467.997
11) T	2,4,5-TP ...	9.184	9.839	9658.2E6	2976.6E6	507.306	490.744
12) T	2,4,5-T	9.476	10.253	9629.3E6	2399.2E6	517.665	446.083
13) T	2,4-DB	10.048	10.817	1341.0E6	324.0E6	536.014m	537.998
14) T	DINOSEB	11.251	11.193	5903.2E6	1894.6E6	452.395	493.310
15) T	Picloram	11.059	12.273	8914.1E6	2189.6E6	390.992	359.426
16) T	DCPA	11.545	12.230	9084.1E6	3104.9E6	376.862	443.472

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

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Operator : AR\AJ
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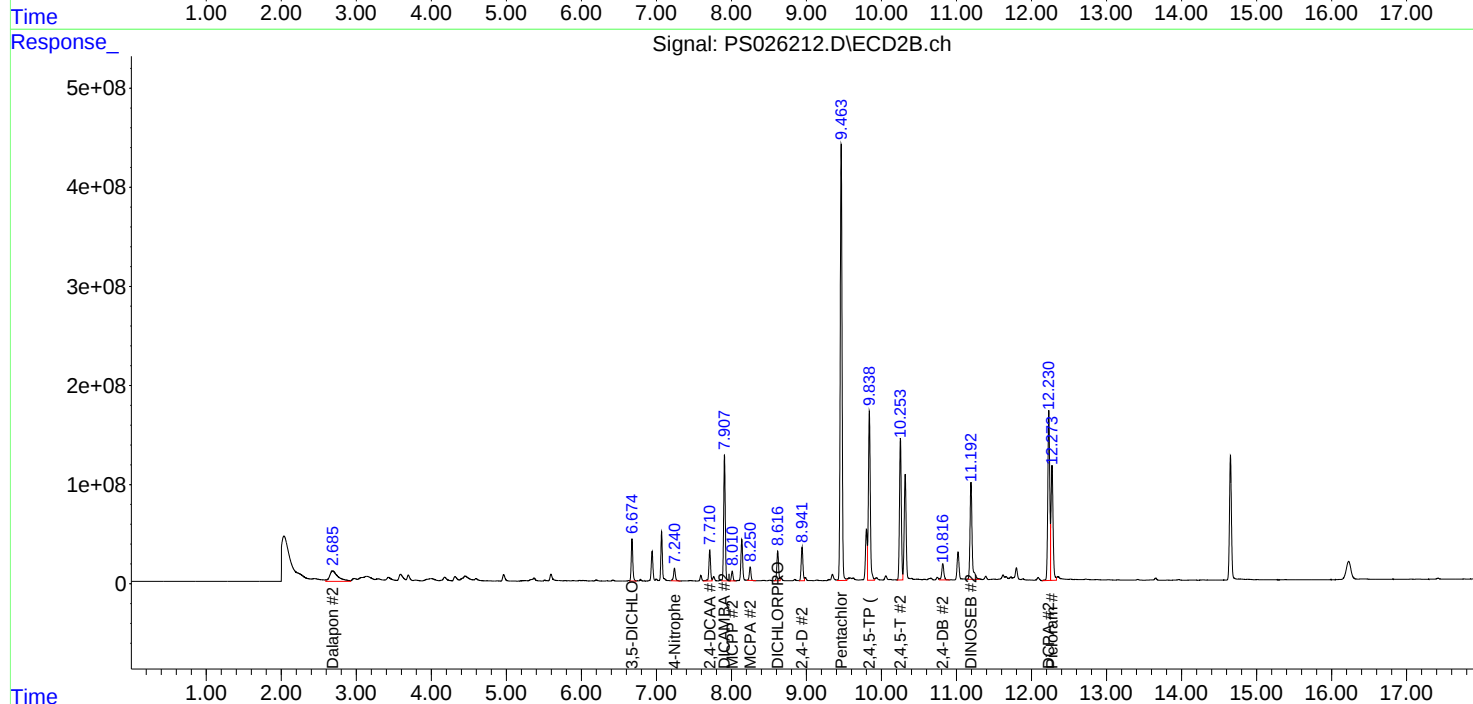
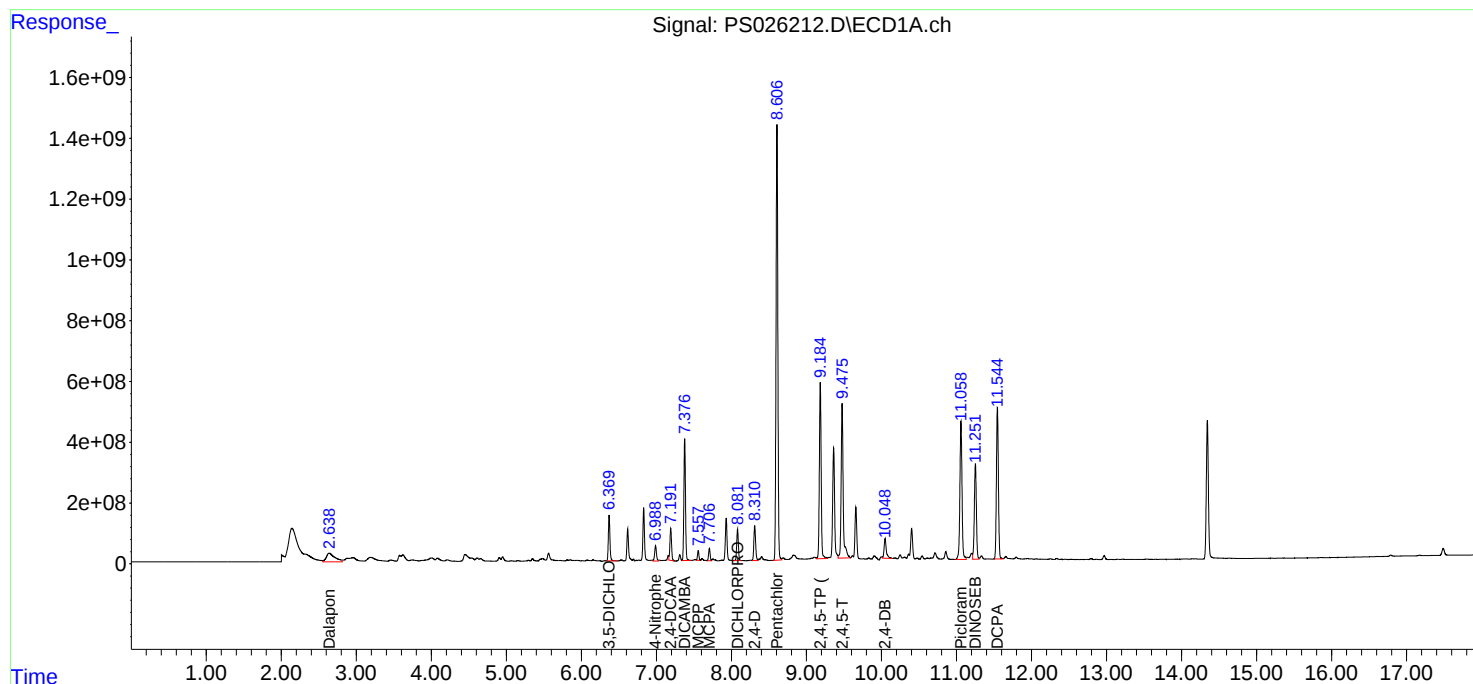
Instrument :
ECD_S
ClientSampleId :
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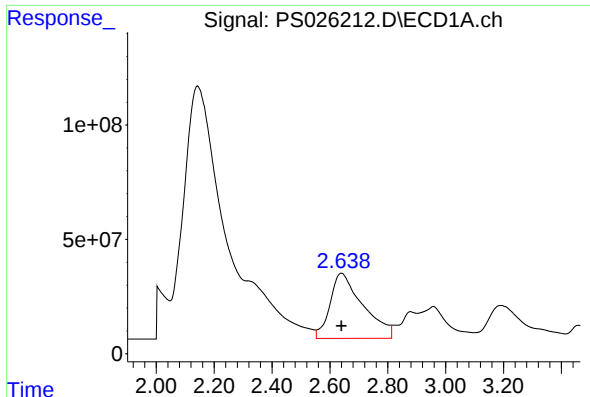
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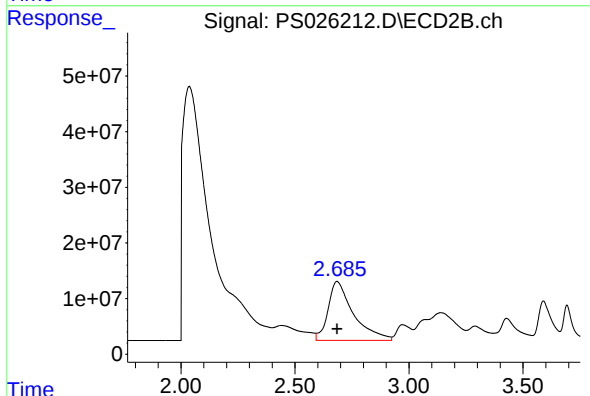
#1 Dalapon

R.T.: 2.639 min
Delta R.T.: -0.001 min
Response: 2253088933
Conc: 435.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-4

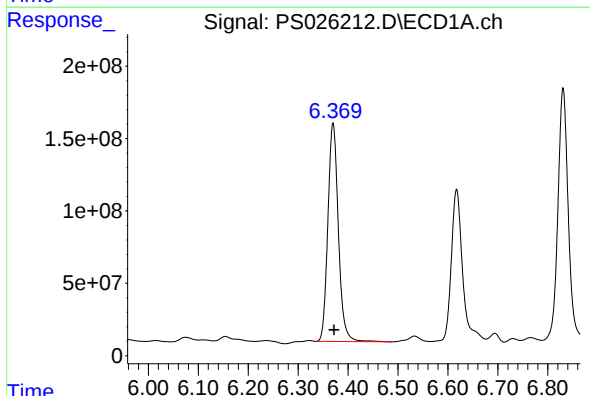
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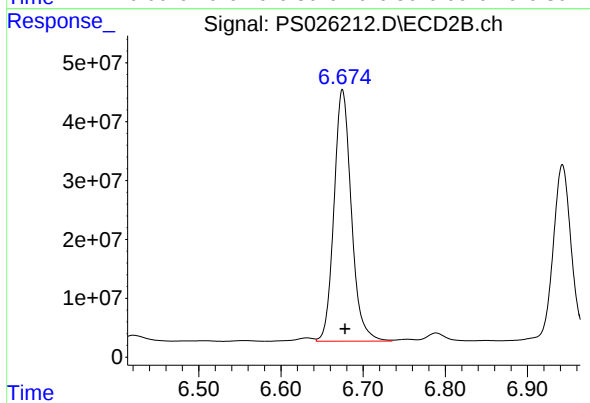
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: 0.000 min
Response: 819045134
Conc: 430.90 ng/ml



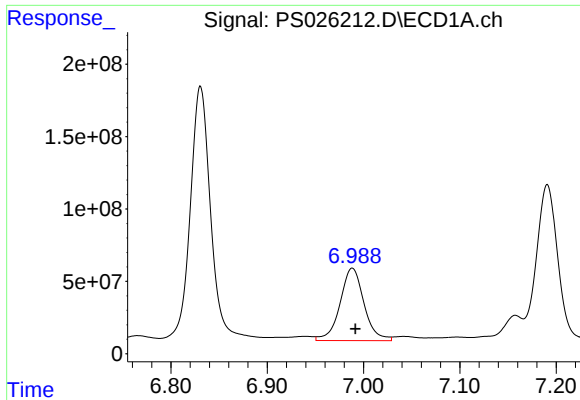
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 2201756446
Conc: 470.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 626725462
Conc: 434.98 ng/ml



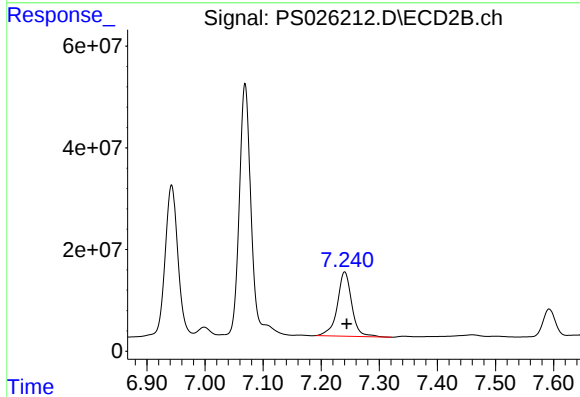
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: -0.003 min
Response: 863830781
Conc: 495.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-4

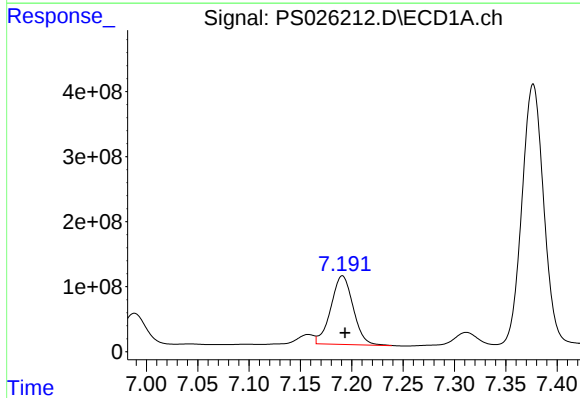
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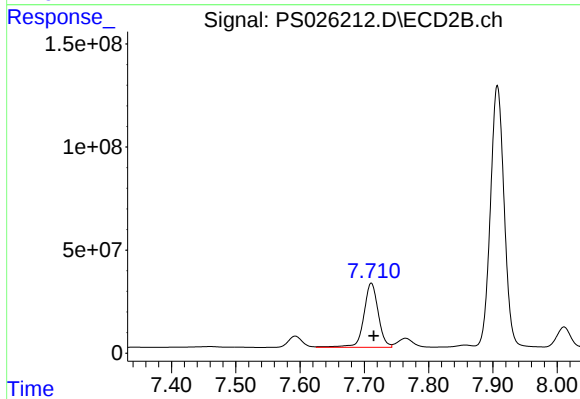
#3 4-Nitrophenol

R.T.: 7.240 min
Delta R.T.: -0.003 min
Response: 217799455
Conc: 460.20 ng/ml



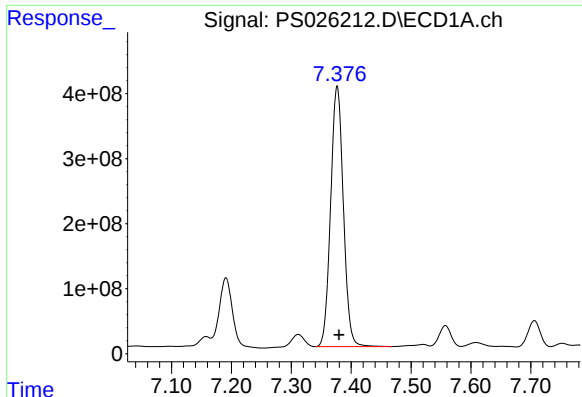
#4 2,4-DCAA

R.T.: 7.191 min
Delta R.T.: -0.003 min
Response: 1592302545
Conc: 495.93 ng/ml m



#4 2,4-DCAA

R.T.: 7.711 min
Delta R.T.: -0.004 min
Response: 485792399
Conc: 516.27 ng/ml



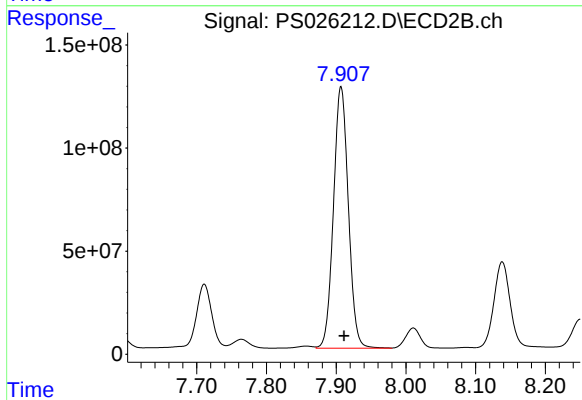
#5 DICAMBA

R.T.: 7.377 min
Delta R.T.: -0.003 min
Response: 5908306288
Conc: 435.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-4

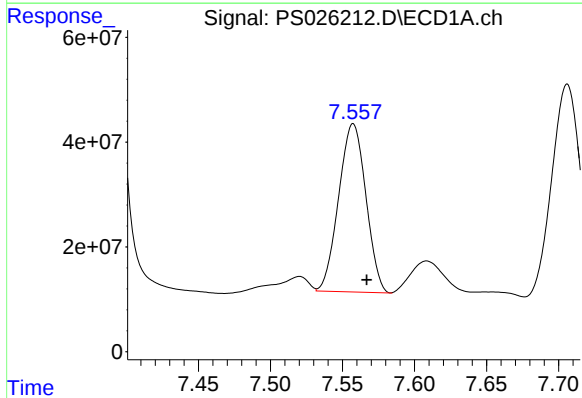
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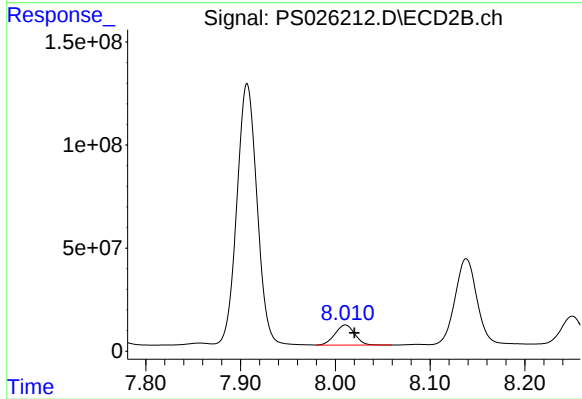
#5 DICAMBA

R.T.: 7.907 min
Delta R.T.: -0.004 min
Response: 1878519948
Conc: 432.65 ng/ml



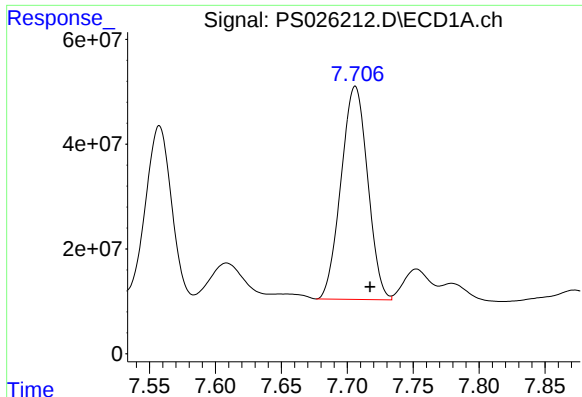
#6 MCP

R.T.: 7.557 min
Delta R.T.: -0.009 min
Response: 422122693
Conc: 43.45 ug/ml



#6 MCP

R.T.: 8.011 min
Delta R.T.: -0.010 min
Response: 141713956
Conc: 44.37 ug/ml



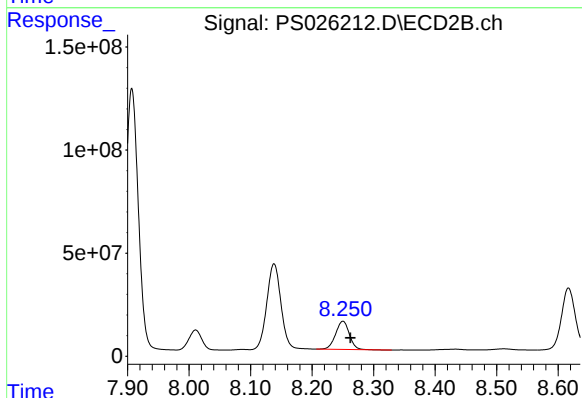
#7 MCPA

R.T.: 7.706 min
Delta R.T.: -0.011 min
Response: 571598124
Conc: 42.12 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-4

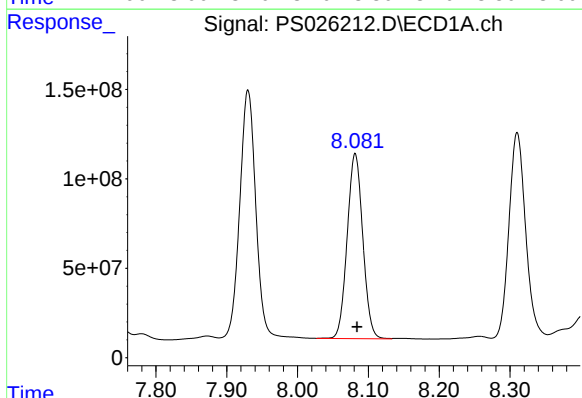
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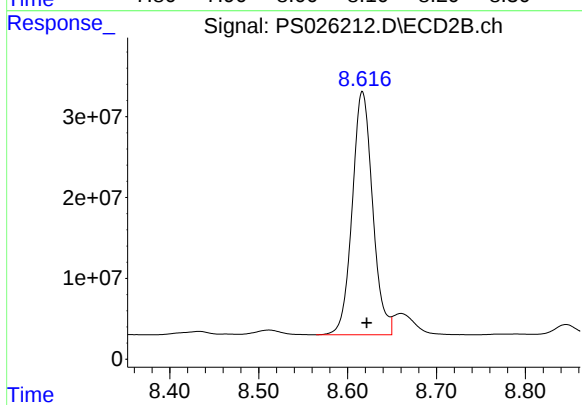
#7 MCPA

R.T.: 8.250 min
Delta R.T.: -0.013 min
Response: 210689224
Conc: 48.54 ug/ml



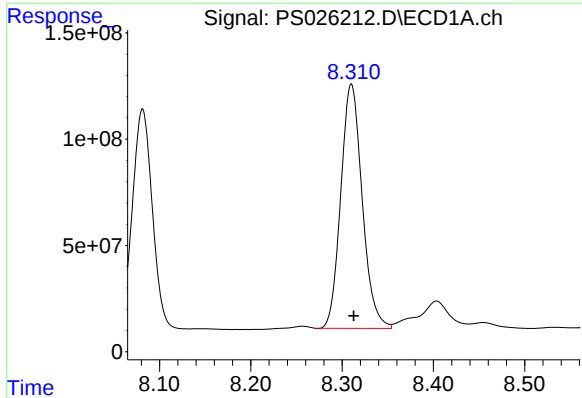
#8 DICHLORPROP

R.T.: 8.081 min
Delta R.T.: -0.003 min
Response: 1581428045
Conc: 450.33 ng/ml



#8 DICHLORPROP

R.T.: 8.617 min
Delta R.T.: -0.005 min
Response: 480392151
Conc: 443.57 ng/ml



#9 2,4-D

R.T.: 8.310 min
Delta R.T.: -0.003 min
Response: 1874927862
Conc: 525.08 ng/ml

Instrument :

ECD_S

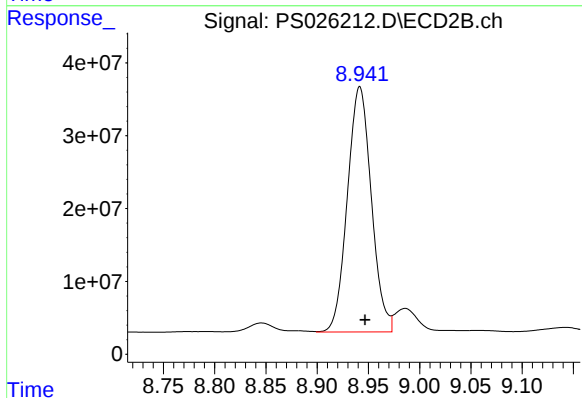
ClientSampleId :

SOIL-IDOC-4

Manual Integrations

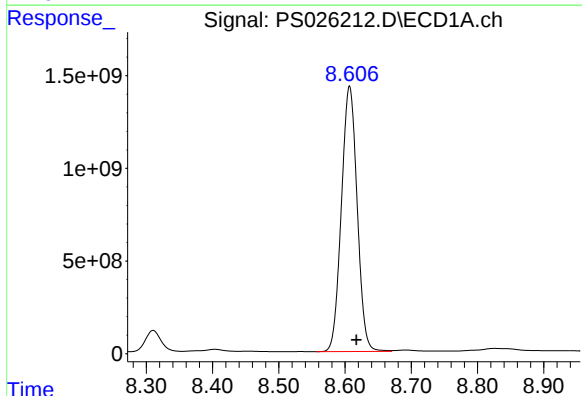
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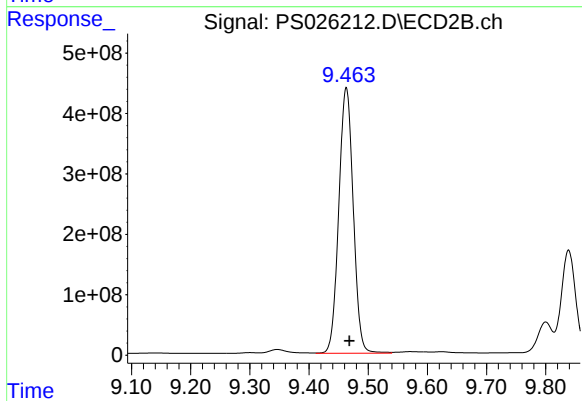
#9 2,4-D

R.T.: 8.942 min
Delta R.T.: -0.005 min
Response: 547687726
Conc: 531.89 ng/ml



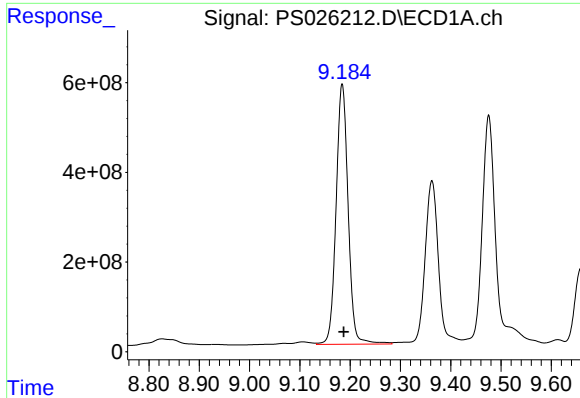
#10 Pentachlorophenol

R.T.: 8.607 min
Delta R.T.: -0.010 min
Response: 23665772231
Conc: 499.17 ng/ml



#10 Pentachlorophenol

R.T.: 9.463 min
Delta R.T.: -0.006 min
Response: 7464997965
Conc: 468.00 ng/ml



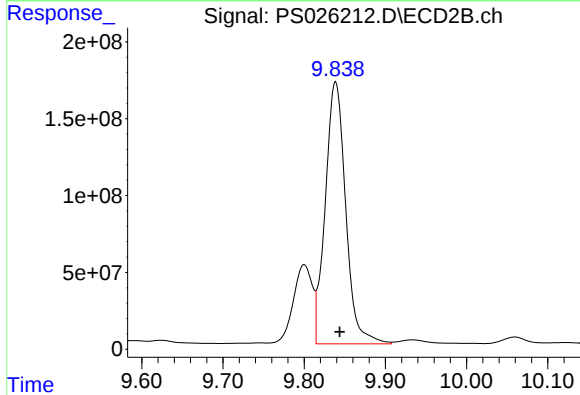
#11 2,4,5-TP (SILVEX)

R.T.: 9.184 min
Delta R.T.: -0.003 min
Response: 9658186320
Conc: 507.31 ng/ml

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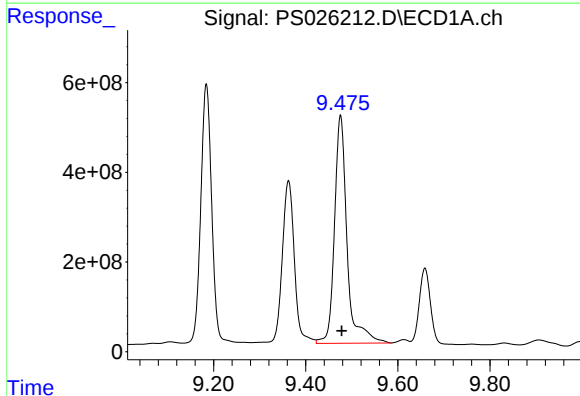
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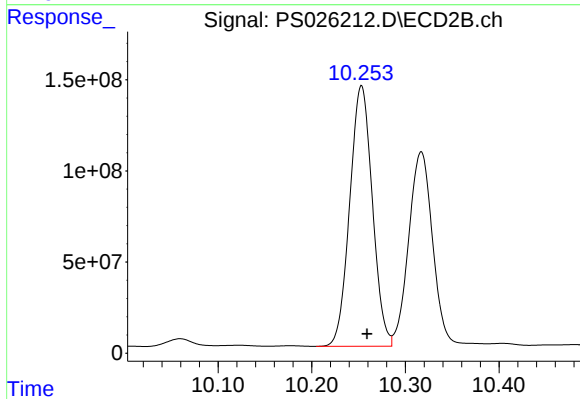
#11 2,4,5-TP (SILVEX)

R.T.: 9.839 min
Delta R.T.: -0.005 min
Response: 2976641181
Conc: 490.74 ng/ml



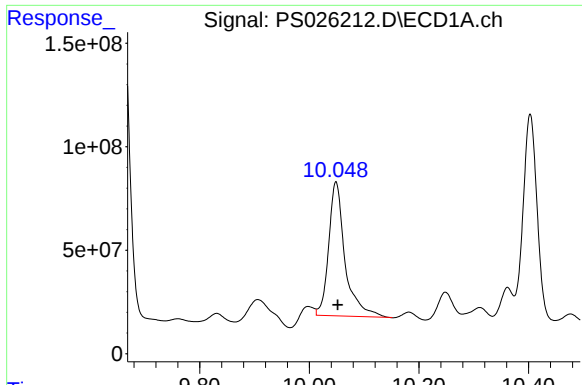
#12 2,4,5-T

R.T.: 9.476 min
Delta R.T.: -0.003 min
Response: 9629285482
Conc: 517.67 ng/ml



#12 2,4,5-T

R.T.: 10.253 min
Delta R.T.: -0.006 min
Response: 2399226970
Conc: 446.08 ng/ml



#13 2,4-DB

R.T.: 10.048 min
Delta R.T.: -0.004 min
Response: 1341015451
Conc: 536.01 ng/ml

Instrument :

ECD_S

ClientSampleId :

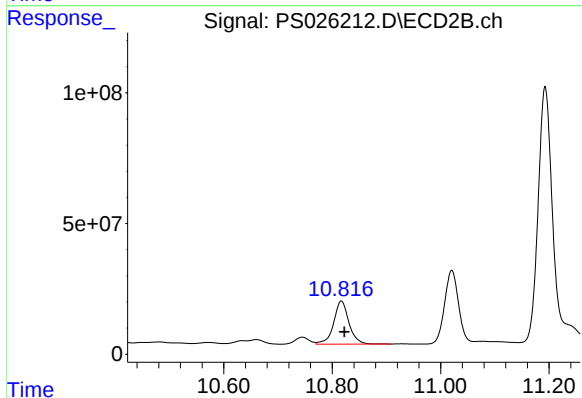
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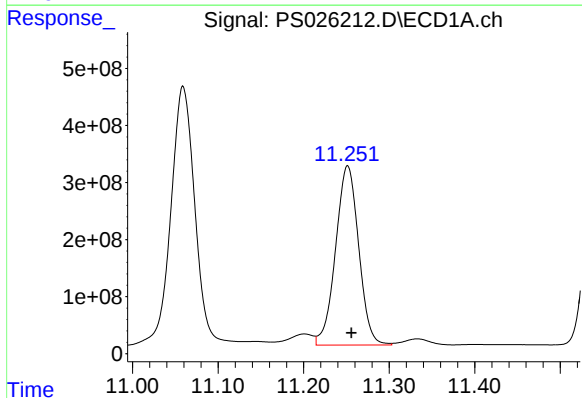
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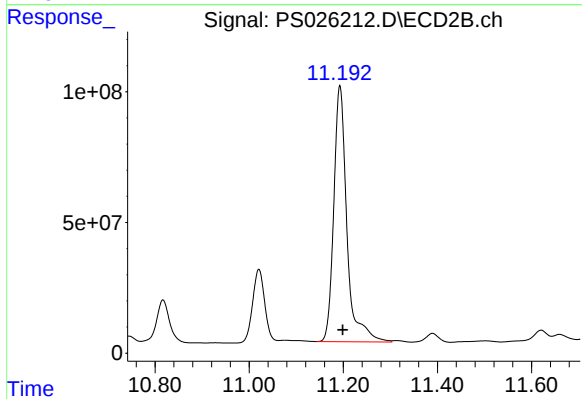
#13 2,4-DB

R.T.: 10.817 min
Delta R.T.: -0.006 min
Response: 323957883
Conc: 538.00 ng/ml



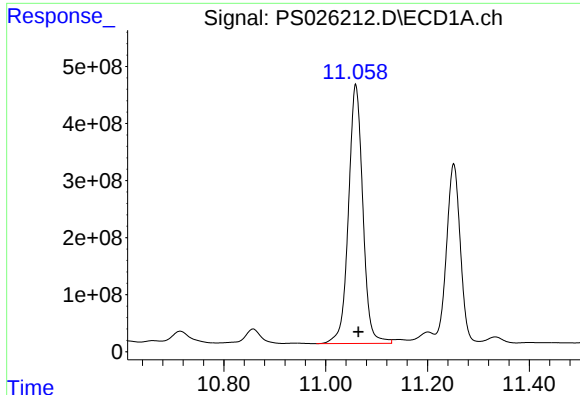
#14 DINOSEB

R.T.: 11.251 min
Delta R.T.: -0.005 min
Response: 5903197287
Conc: 452.40 ng/ml



#14 DINOSEB

R.T.: 11.193 min
Delta R.T.: -0.006 min
Response: 1894635717
Conc: 493.31 ng/ml



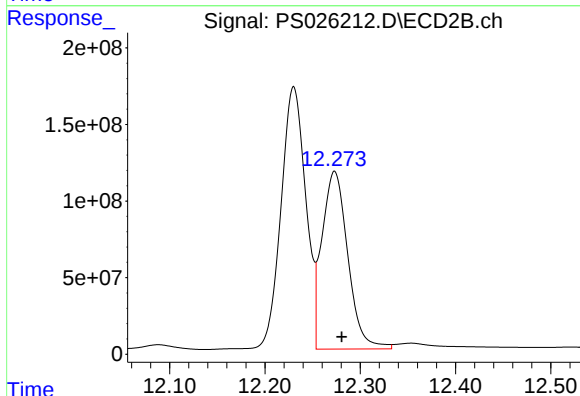
#15 Picloram

R.T.: 11.059 min
Delta R.T.: -0.005 min
Response: 8914126286
Conc: 390.99 ng/ml

Instrument :
ECD_S
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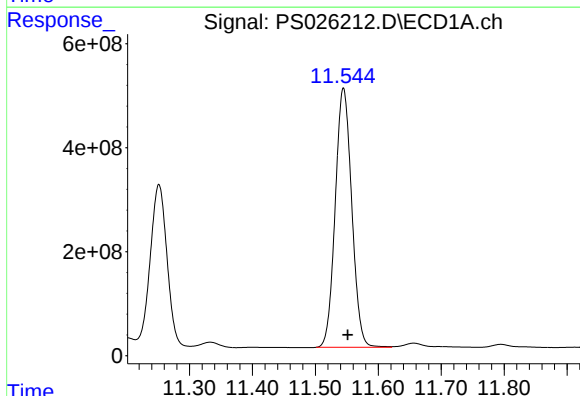
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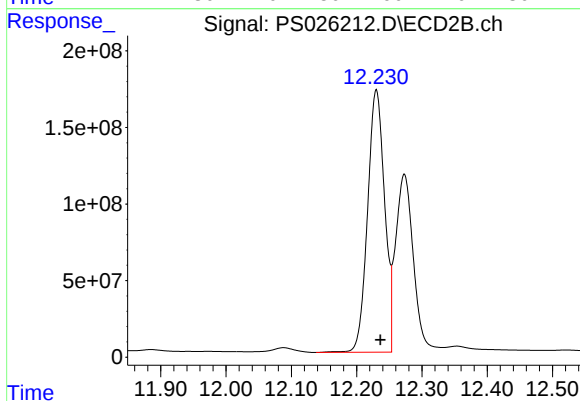
#15 Picloram

R.T.: 12.273 min
Delta R.T.: -0.007 min
Response: 2189612064
Conc: 359.43 ng/ml



#16 DCPA

R.T.: 11.545 min
Delta R.T.: -0.007 min
Response: 9084074564
Conc: 376.86 ng/ml



#16 DCPA

R.T.: 12.230 min
Delta R.T.: -0.006 min
Response: 3104894389
Conc: 443.47 ng/ml