

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031524\
 Data File : PS026164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2024 14:31
 Operator : AR\AJ
 Sample : SOIL-IDOC-03
 Misc : FOR AVELYN
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-IDOC-03

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/18/2024
 Supervised By : Ankita Jodhani 03/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 06:33:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS030624.M
 Quant Title : 8080.M
 QLast Update : Wed Mar 06 14:00:09 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 x 0.5 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	7.199	7.722	1089.6E6	294.9E6	402.803	380.372
Target Compounds							
1) T	Dalapon	2.645	2.694	1560.8E6	521.5E6	361.161	325.610
2) T	3,5-DICHL...	6.376	6.684	1408.8E6	393.1E6	361.686m	332.572
3) T	4-Nitroph...	6.997	7.252	450.5E6	134.7E6	335.188m	371.738m
5) T	DICAMBA	7.384	7.919	3917.3E6	1159.7E6	344.952	328.418
6) T	MCPD	7.564	8.021	315.1E6	90552142	39.252m	34.292
7) T	MCPA	7.712	8.262	389.1E6	136.9E6	34.161m	38.363
8) T	DICHLORPROP	8.090	8.630	1058.4E6	305.3E6	357.939	348.335m
9) T	2,4-D	8.319	8.955	1227.5E6	336.1E6	419.413	411.157m
10) T	Pentachlo...	8.616	9.477	15272.0E6	4567.6E6	378.607	346.946
11) T	2,4,5-TP ...	9.195	9.853	5767.5E6	1806.5E6	362.530	364.607m
12) T	2,4,5-T	9.486	10.268	5689.4E6	1507.1E6	383.128	355.845m
13) T	2,4-DB	10.060	10.834	691.7E6	172.9E6	353.398m	377.114m
14) T	DINOSEB	11.264	11.209	2233.6E6	676.6E6	216.092m	226.639
15) T	Picloram	11.072	12.293	4349.0E6	929.8E6	247.901m	207.569m
16) T	DCPA	11.557	12.247	5098.5E6	1759.1E6	252.142	310.392m

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

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Operator : AR\AJ
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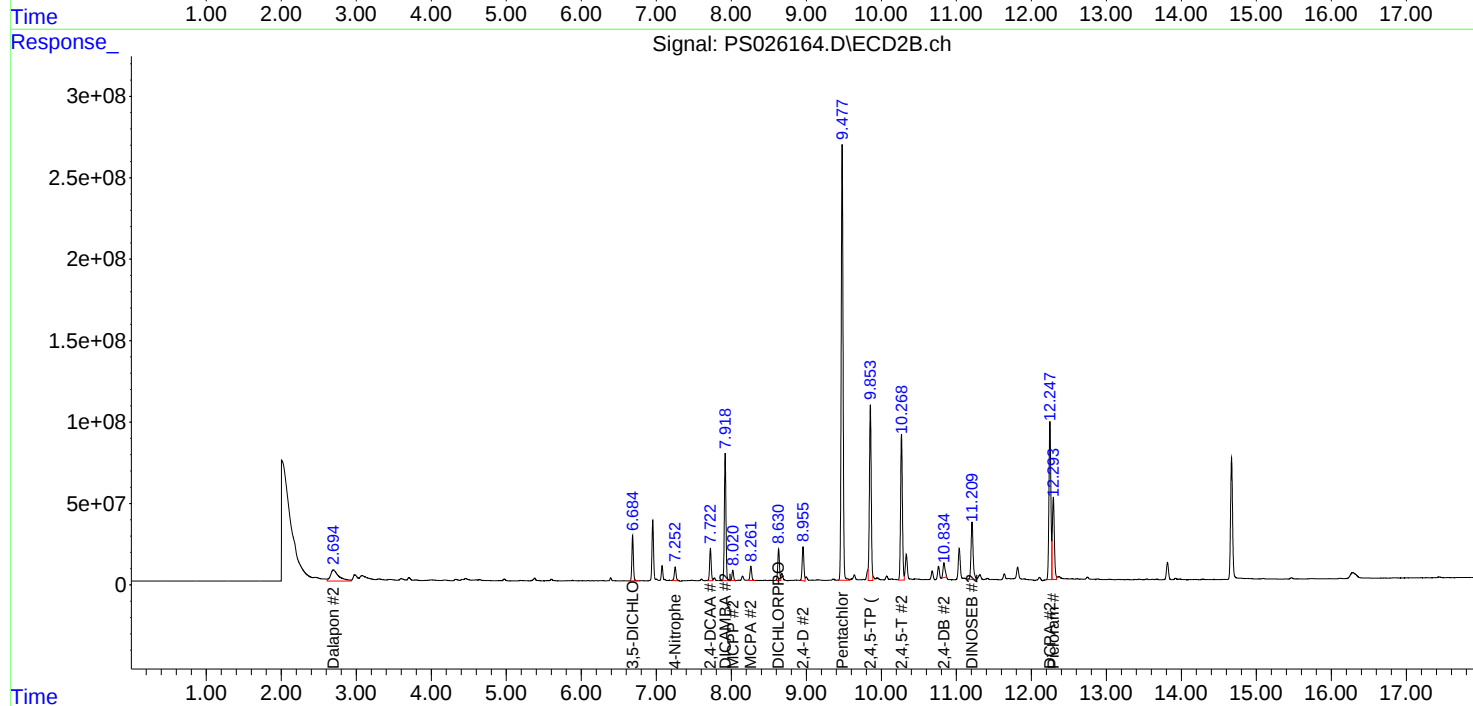
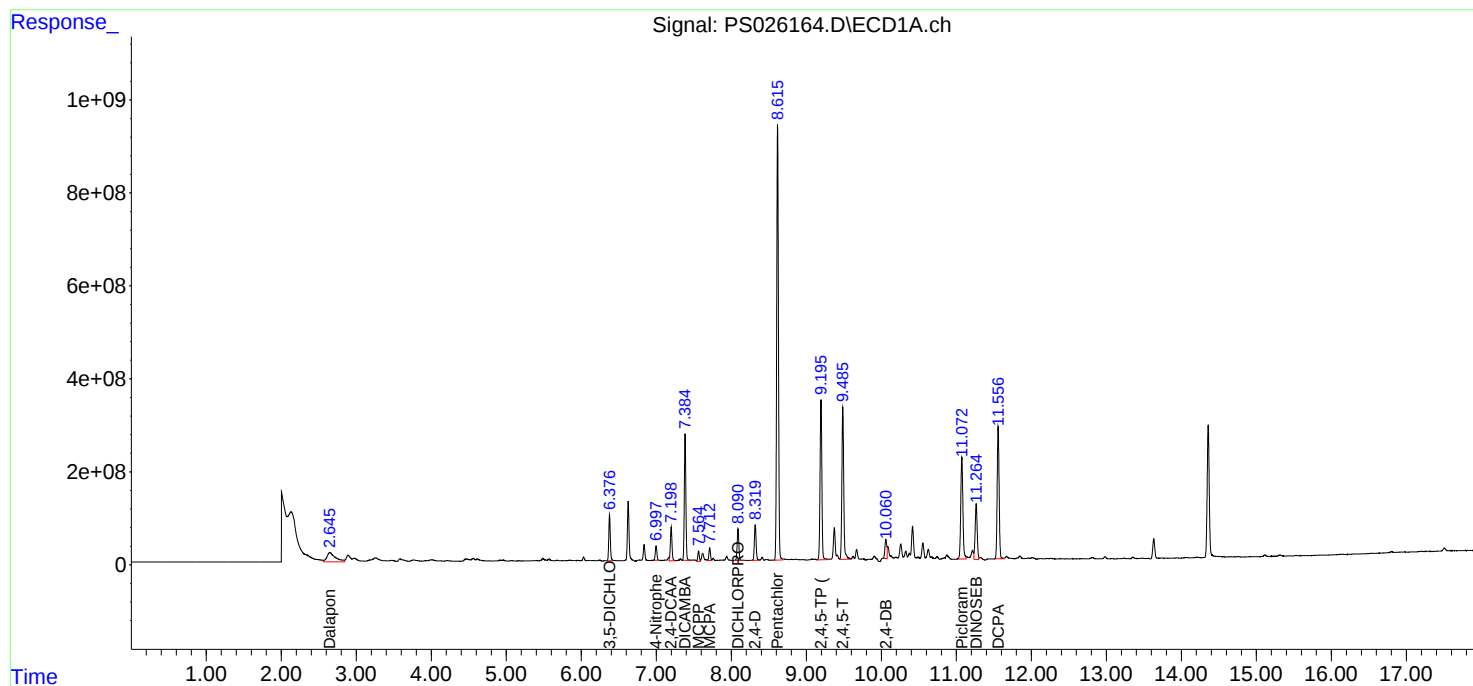
Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-03

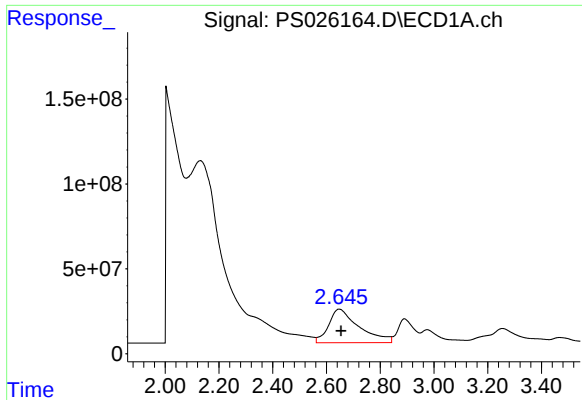
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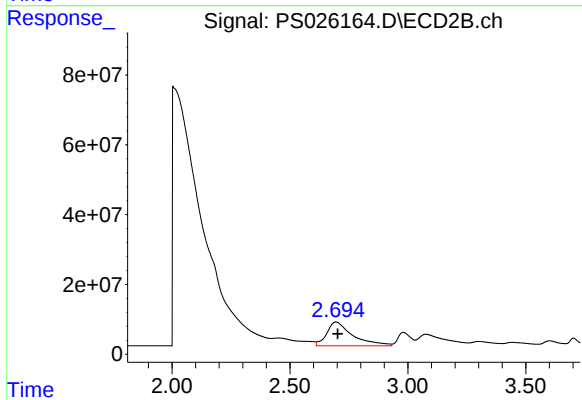
#1 Dalapon

R.T.: 2.645 min
Delta R.T.: -0.010 min
Response: 1560780002
Conc: 361.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-03

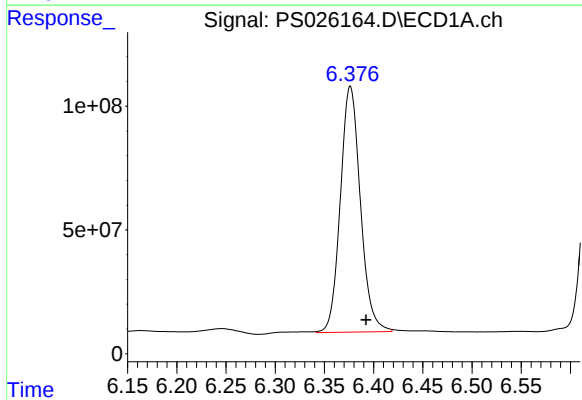
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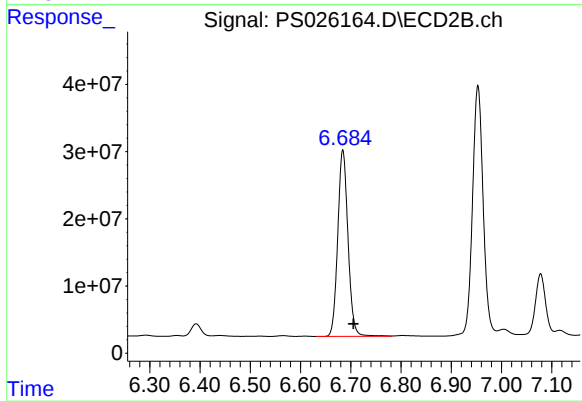
#1 Dalapon

R.T.: 2.694 min
Delta R.T.: -0.010 min
Response: 521509934
Conc: 325.61 ng/ml



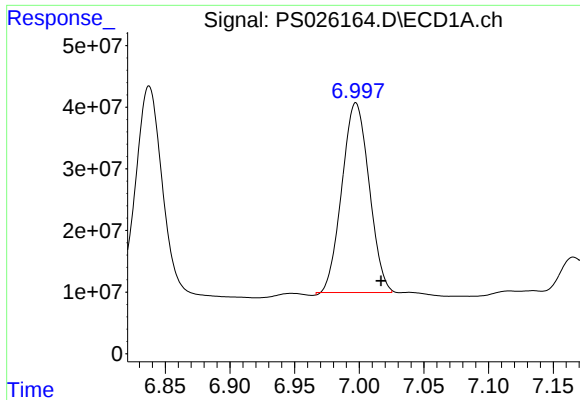
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.376 min
Delta R.T.: -0.017 min
Response: 1408844550
Conc: 361.69 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.684 min
Delta R.T.: -0.021 min
Response: 393116079
Conc: 332.57 ng/ml



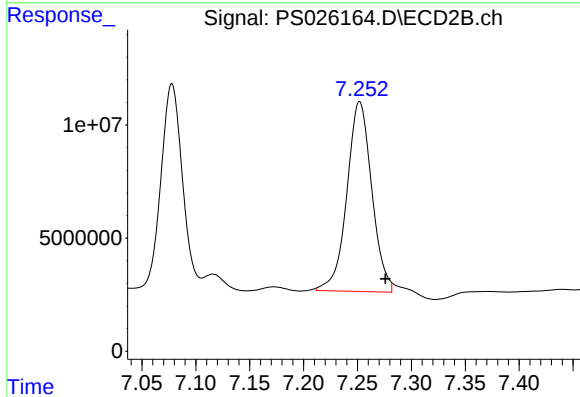
#3 4-Nitrophenol

R.T.: 6.997 min
Delta R.T.: -0.020 min
Response: 450471226
Conc: 335.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-03

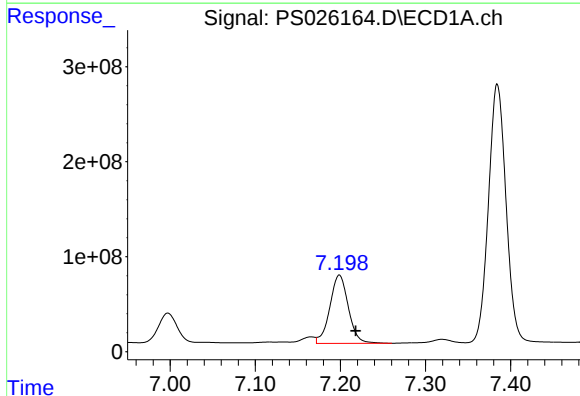
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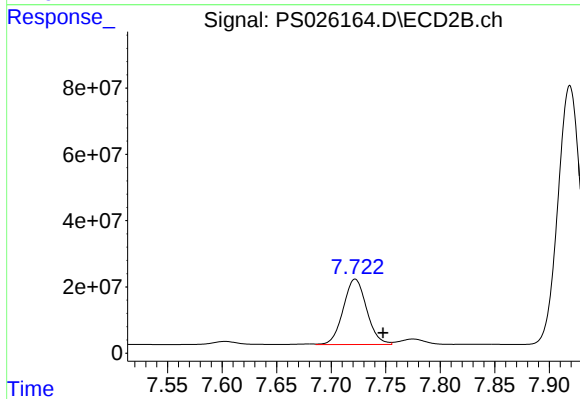
#3 4-Nitrophenol

R.T.: 7.252 min
Delta R.T.: -0.024 min
Response: 134741995
Conc: 371.74 ng/ml m



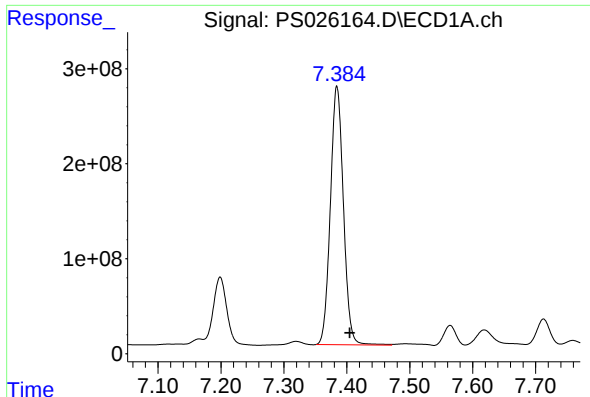
#4 2,4-DCAA

R.T.: 7.199 min
Delta R.T.: -0.019 min
Response: 1089600822
Conc: 402.80 ng/ml



#4 2,4-DCAA

R.T.: 7.722 min
Delta R.T.: -0.026 min
Response: 294896507
Conc: 380.37 ng/ml



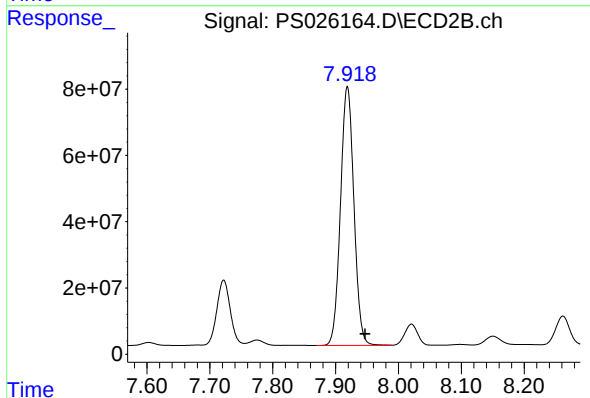
#5 DICAMBA

R.T.: 7.384 min
Delta R.T.: -0.021 min
Response: 3917337708
Conc: 344.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-03

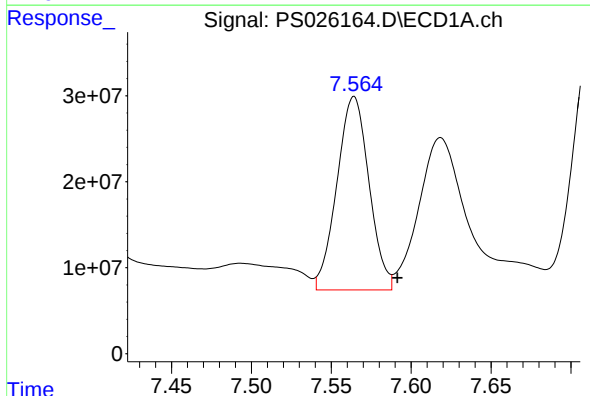
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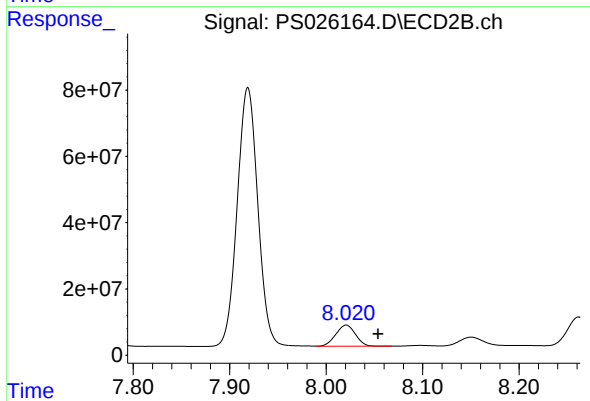
#5 DICAMBA

R.T.: 7.919 min
Delta R.T.: -0.028 min
Response: 1159694457
Conc: 328.42 ng/ml



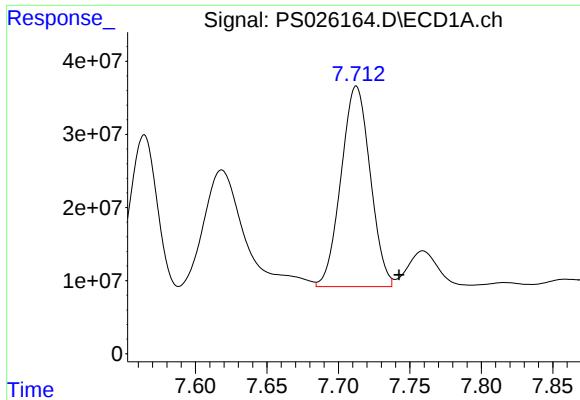
#6 MCPP

R.T.: 7.564 min
Delta R.T.: -0.027 min
Response: 315142997
Conc: 39.25 ug/ml m



#6 MCPP

R.T.: 8.021 min
Delta R.T.: -0.033 min
Response: 90552142
Conc: 34.29 ug/ml



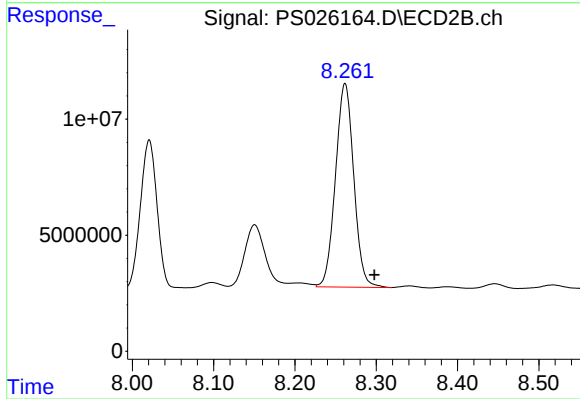
#7 MCPA

R.T.: 7.712 min
Delta R.T.: -0.030 min
Response: 389059760
Conc: 34.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-03

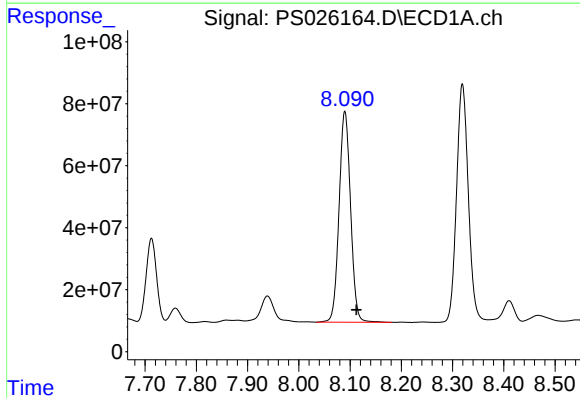
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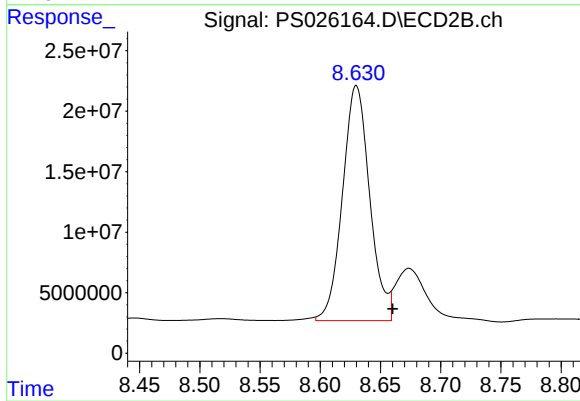
#7 MCPA

R.T.: 8.262 min
Delta R.T.: -0.036 min
Response: 136946769
Conc: 38.36 ug/ml



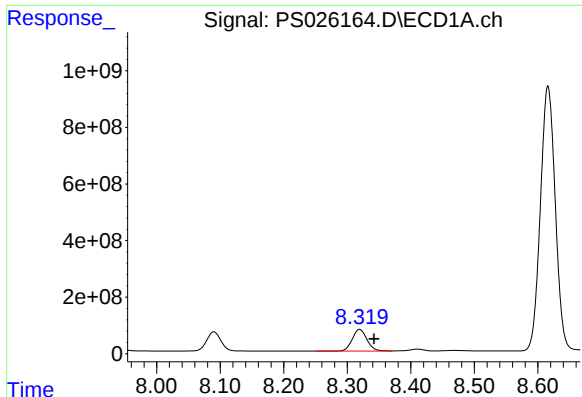
#8 DICHLORPROP

R.T.: 8.090 min
Delta R.T.: -0.022 min
Response: 1058399717
Conc: 357.94 ng/ml



#8 DICHLORPROP

R.T.: 8.630 min
Delta R.T.: -0.030 min
Response: 305336705
Conc: 348.33 ng/ml m



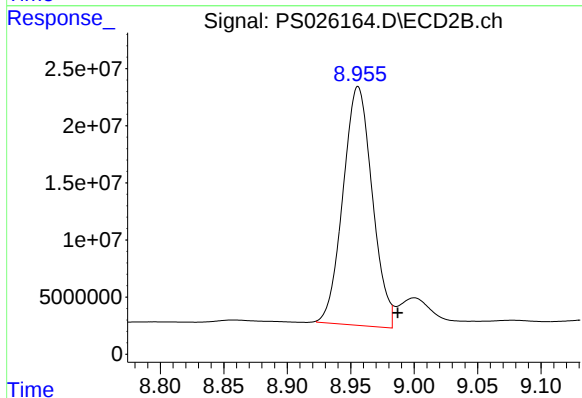
#9 2,4-D

R.T.: 8.319 min
Delta R.T.: -0.023 min
Response: 1227541622
Conc: 419.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-IDOC-03

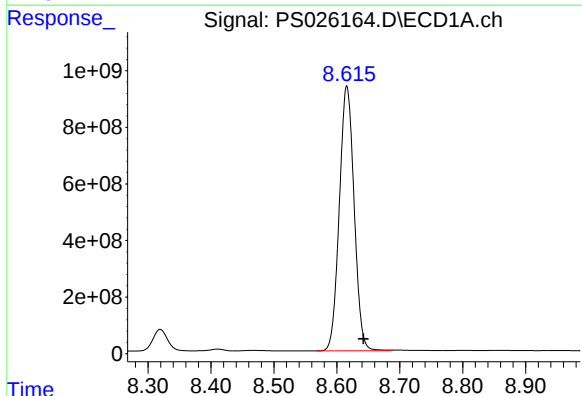
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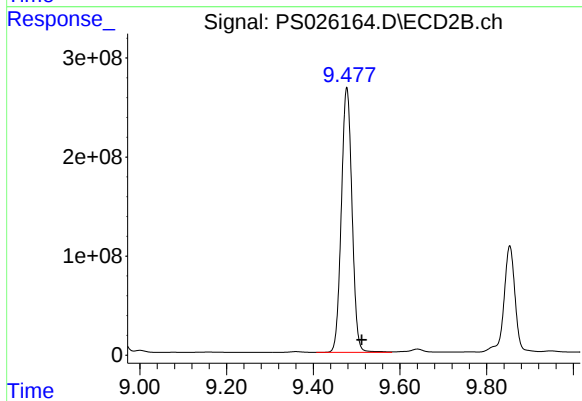
#9 2,4-D

R.T.: 8.955 min
Delta R.T.: -0.032 min
Response: 336105053
Conc: 411.16 ng/ml m



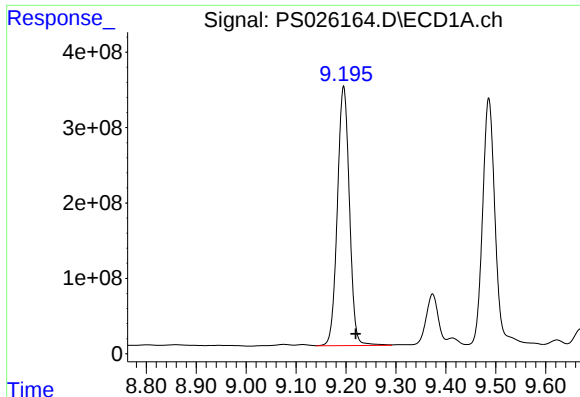
#10 Pentachlorophenol

R.T.: 8.616 min
Delta R.T.: -0.026 min
Response: 15272027791
Conc: 378.61 ng/ml



#10 Pentachlorophenol

R.T.: 9.477 min
Delta R.T.: -0.035 min
Response: 4567589134
Conc: 346.95 ng/ml



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

R.T.: 9.195 min
Delta R.T.: -0.024 min
Response: 5767465844
Conc: 362.53 ng/ml

Instrument :

ECD_S

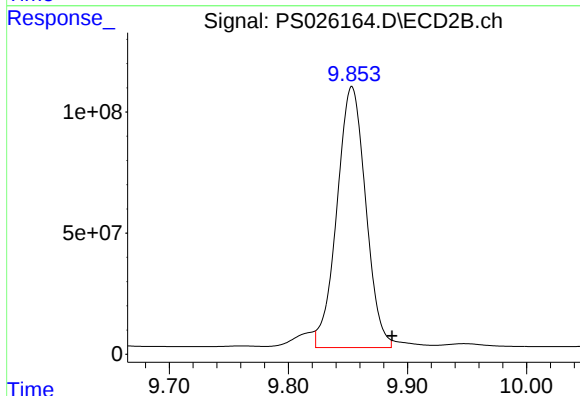
ClientSampleId :

SOIL-IDOC-03

Manual Integrations

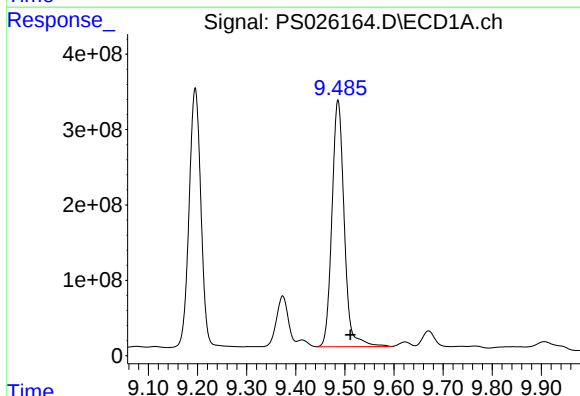
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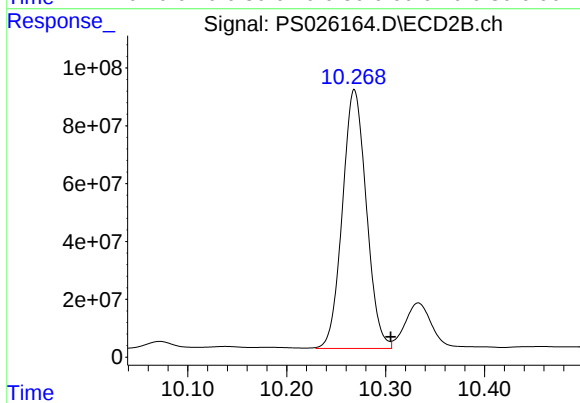
#11 2,4,5-TP (SILVEX)

R.T.: 9.853 min
Delta R.T.: -0.034 min
Response: 1806541319
Conc: 364.61 ng/ml m



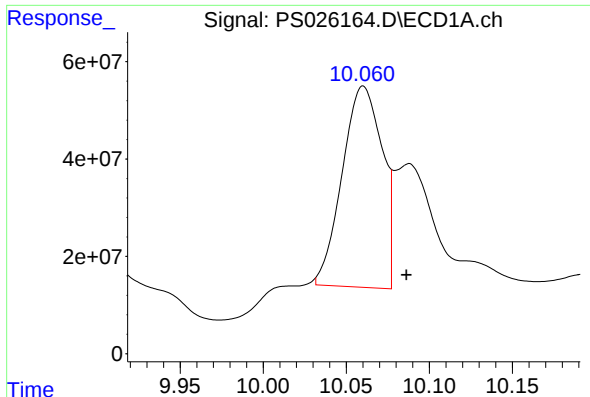
#12 2,4,5-T

R.T.: 9.486 min
Delta R.T.: -0.025 min
Response: 5689433469
Conc: 383.13 ng/ml



#12 2,4,5-T

R.T.: 10.268 min
Delta R.T.: -0.037 min
Response: 1507073458
Conc: 355.85 ng/ml m



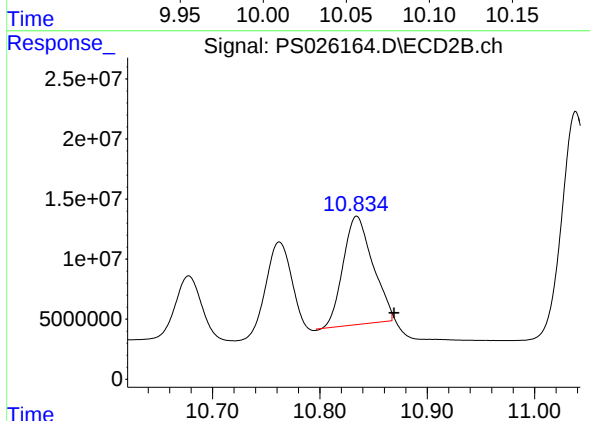
#13 2,4-DB

R.T.: 10.060 min
Delta R.T.: -0.027 min
Response: 691651409
Conc: 353.40 ng/ml

Instrument :
ECD_S
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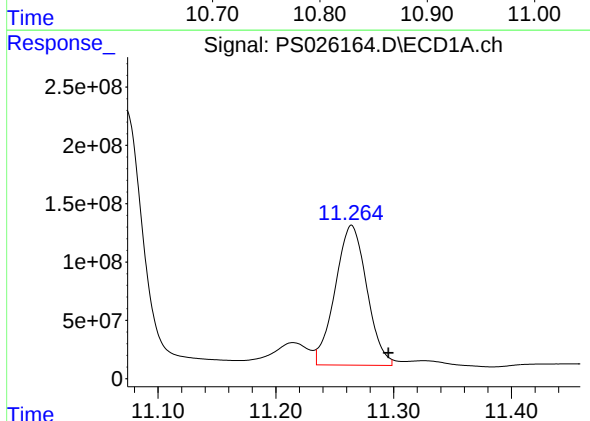
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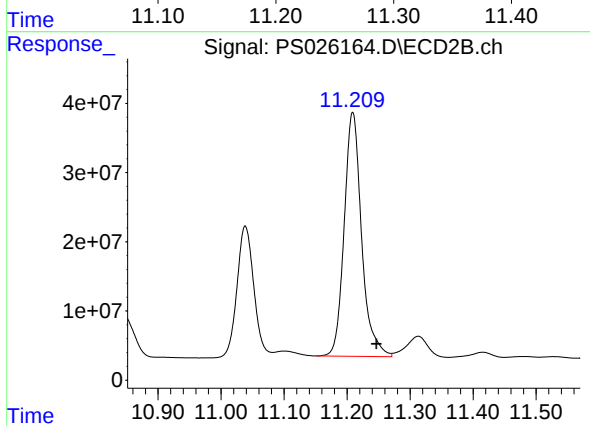
#13 2,4-DB

R.T.: 10.834 min
Delta R.T.: -0.035 min
Response: 172943309
Conc: 377.11 ng/ml m



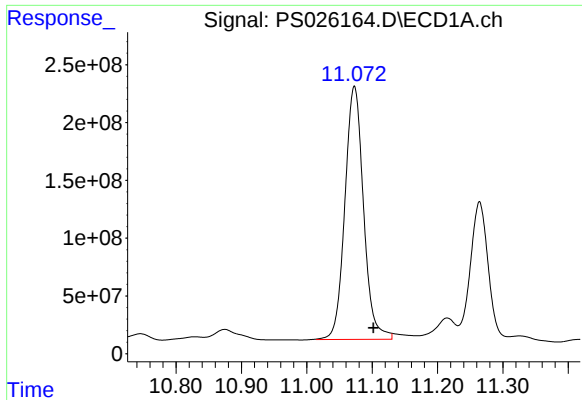
#14 DINOSEB

R.T.: 11.264 min
Delta R.T.: -0.031 min
Response: 2233550170
Conc: 216.09 ng/ml m



#14 DINOSEB

R.T.: 11.209 min
Delta R.T.: -0.037 min
Response: 676614995
Conc: 226.64 ng/ml



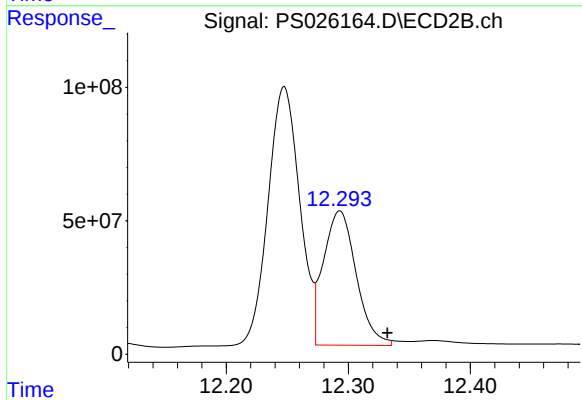
#15 Picloram

R.T.: 11.072 min
Delta R.T.: -0.030 min
Response: 4348969370
Conc: 247.90 ng/ml

Instrument :
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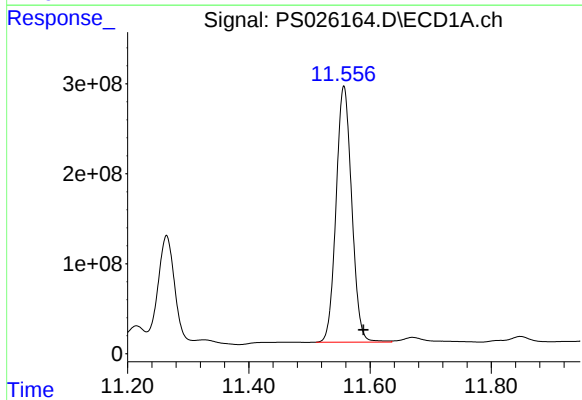
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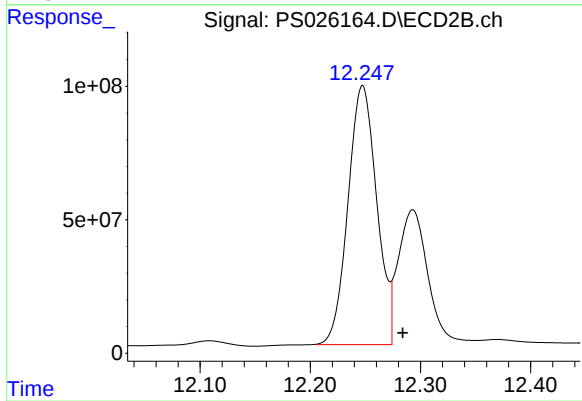
#15 Picloram

R.T.: 12.293 min
Delta R.T.: -0.039 min
Response: 929845696
Conc: 207.57 ng/ml m



#16 DCPA

R.T.: 11.557 min
Delta R.T.: -0.032 min
Response: 5098508786
Conc: 252.14 ng/ml



#16 DCPA

R.T.: 12.247 min
Delta R.T.: -0.037 min
Response: 1759079669
Conc: 310.39 ng/ml m