

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031324\
 Data File : PS026153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2024 23:39
 Operator : AR\AJ
 Sample : SOIL IDOC-1
 Misc : FOR EVELYN
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL IDOC-1

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/14/2024
 Supervised By : Ankita Jodhani 03/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 04:04:02 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	7.203	7.728	1118.0E6	290.8E6	413.298	375.120m
Target Compounds							
1) T	Dalapon	2.650	2.699	1612.7E6	556.4E6	373.170	347.401
2) T	3,5-DICHL...	6.381	6.690	1430.5E6	414.7E6	367.248	350.814
3) T	4-Nitroph...	7.002	7.257	472.9E6	134.5E6	351.843m	371.011m
5) T	DICAMBA	7.389	7.926	4025.8E6	1220.5E6	354.500	345.636
6) T	MCPD	7.570	8.027	288.3E6	96182250	35.915	36.424
7) T	MCPA	7.718	8.268	437.0E6	139.2E6	38.367m	38.989m
8) T	DICHLORPROP	8.096	8.637	1114.1E6	314.5E6	376.767	358.744m
9) T	2,4-D	8.325	8.963	1247.9E6	349.8E6	426.371	427.951m
10) T	Pentachlo...	8.621	9.486	13829.8E6	4166.5E6	342.854	316.480
11) T	2,4,5-TP ...	9.201	9.862	5994.8E6	1838.5E6	376.817m	371.067m
12) T	2,4,5-T	9.492	10.278	5800.0E6	1551.9E6	390.571	366.427
13) T	2,4-DB	10.066	10.842	821.7E6	244.9E6	419.823m	534.086 #
14) T	DINOSEB	11.271	11.218	750.5E6	267.5E6	72.609	89.592
15) T	Picloram	11.078	12.303	5544.9E6	1293.4E6	316.074m	288.720m
16) T	DCPA	11.564	12.257	5691.5E6	1804.5E6	281.468m	318.398m

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

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Acq On : 13 Mar 2024 23:39
Operator : AR\AJ
Sample : SOIL IDOC-1
Misc : FOR EVELYN
ALS Vial : 15 Sample Multiplier: 1

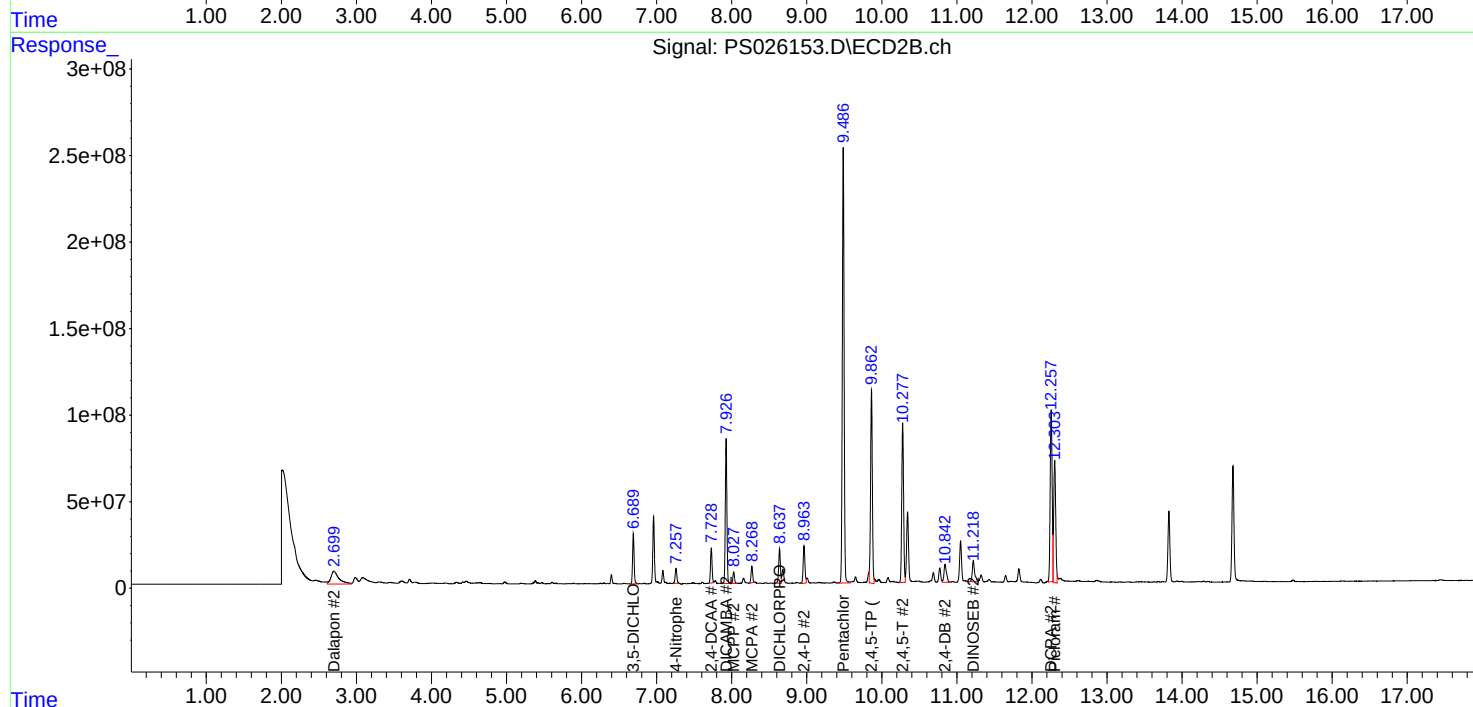
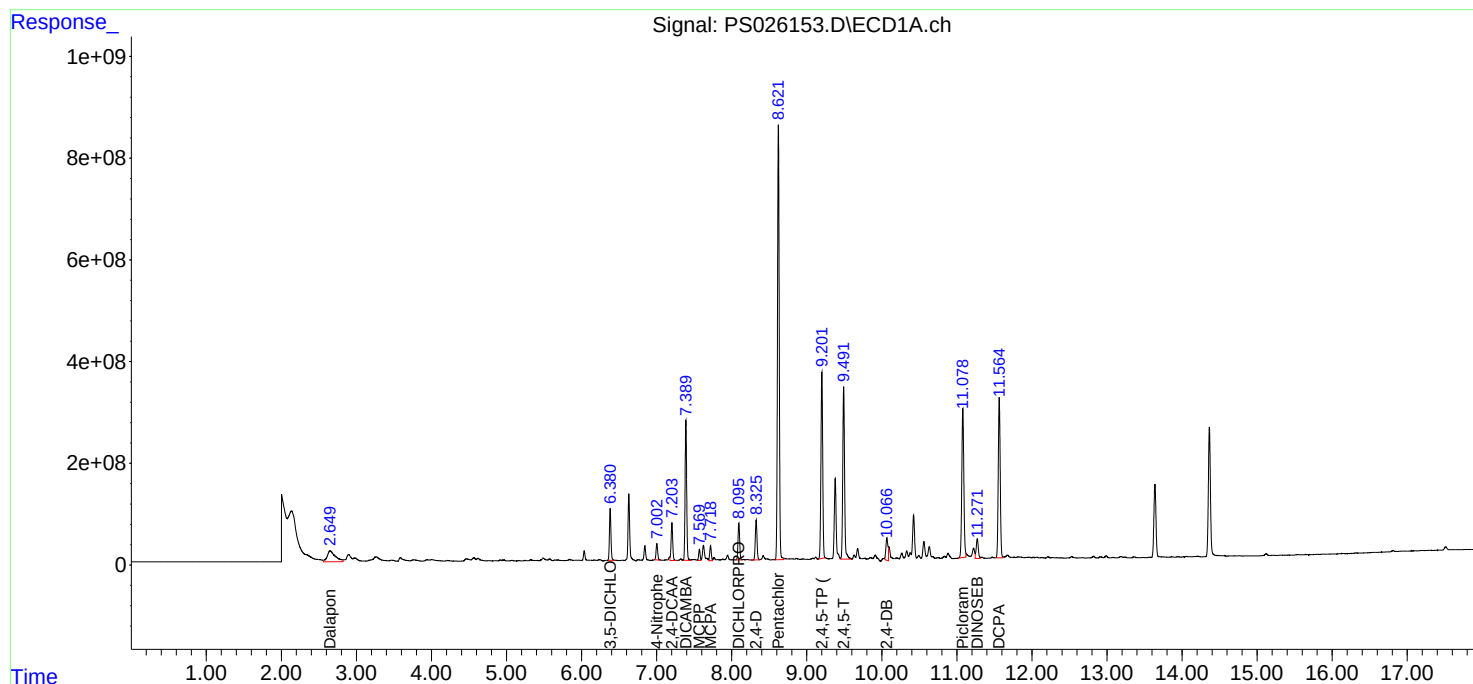
Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-1

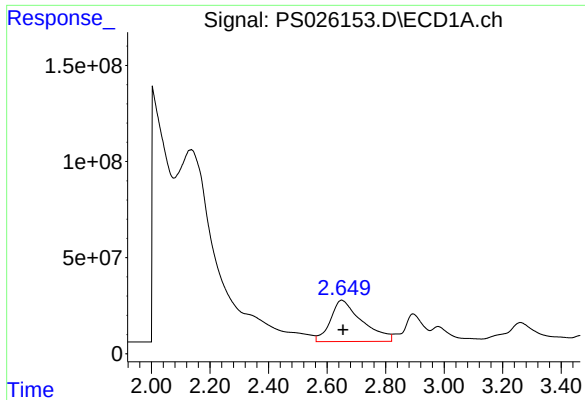
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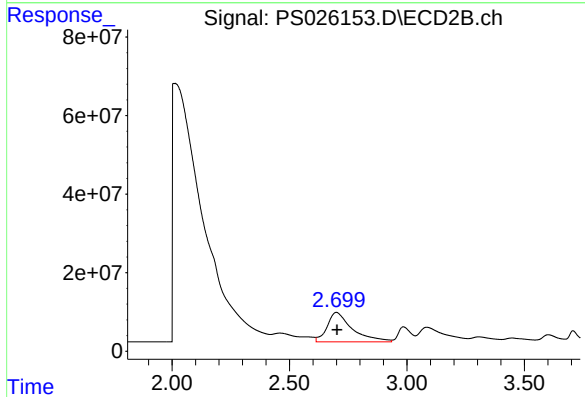
#1 Dalapon

R.T.: 2.650 min
Delta R.T.: -0.005 min
Response: 1612676688
Conc: 373.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-1

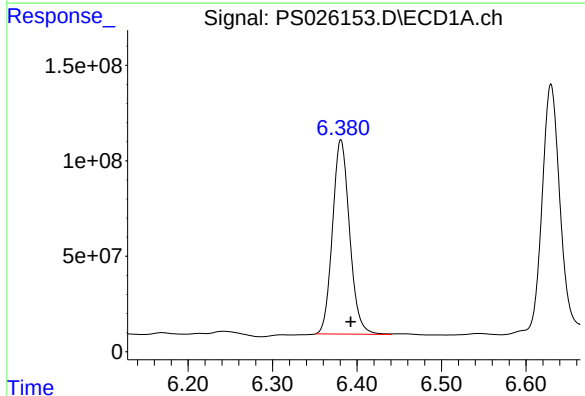
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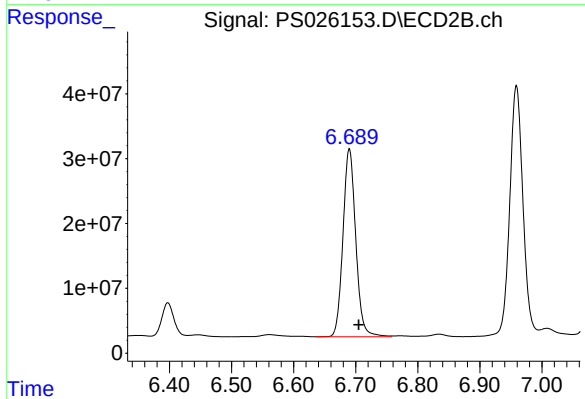
#1 Dalapon

R.T.: 2.699 min
Delta R.T.: -0.004 min
Response: 556411334
Conc: 347.40 ng/ml



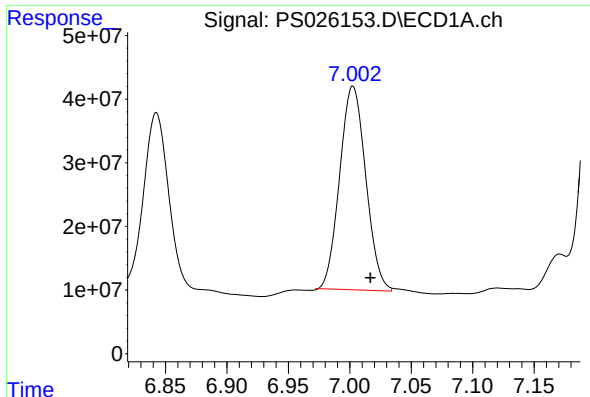
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.381 min
Delta R.T.: -0.012 min
Response: 1430509988
Conc: 367.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.690 min
Delta R.T.: -0.015 min
Response: 414679298
Conc: 350.81 ng/ml



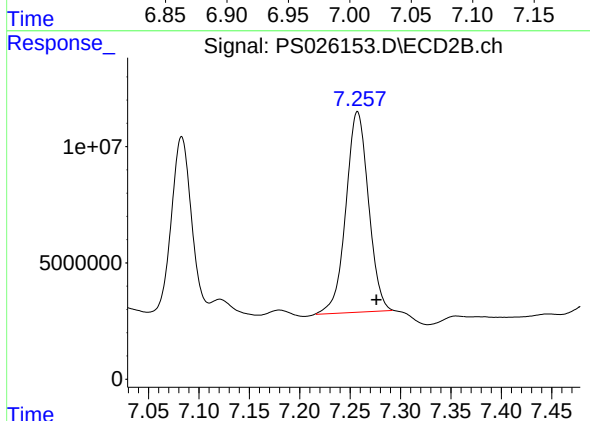
#3 4-Nitrophenol

R.T.: 7.002 min
Delta R.T.: -0.015 min
Response: 472853227
Conc: 351.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-1

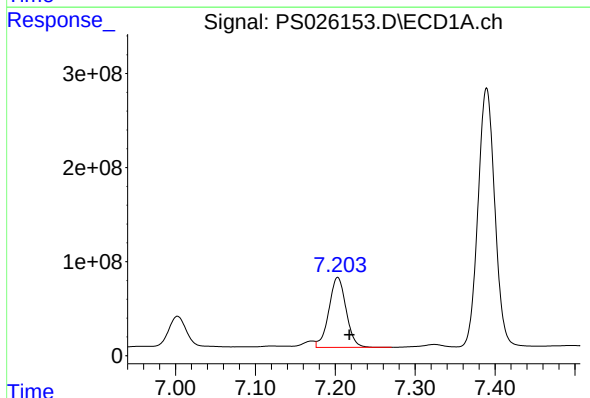
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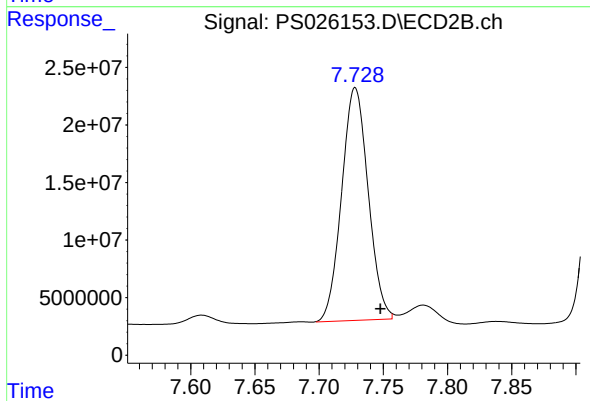
#3 4-Nitrophenol

R.T.: 7.257 min
Delta R.T.: -0.019 min
Response: 134478566
Conc: 371.01 ng/ml m



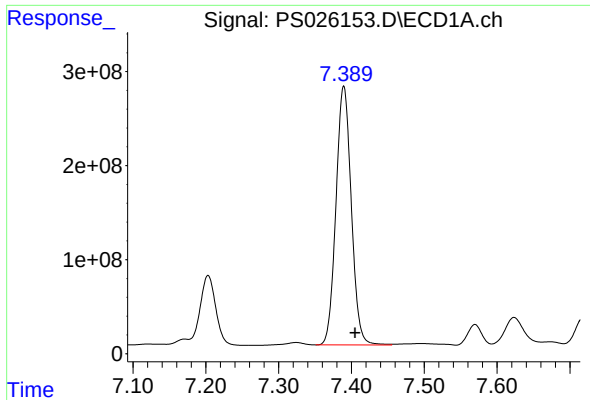
#4 2,4-DCAA

R.T.: 7.203 min
Delta R.T.: -0.015 min
Response: 1117989860
Conc: 413.30 ng/ml



#4 2,4-DCAA

R.T.: 7.728 min
Delta R.T.: -0.020 min
Response: 290825096
Conc: 375.12 ng/ml m



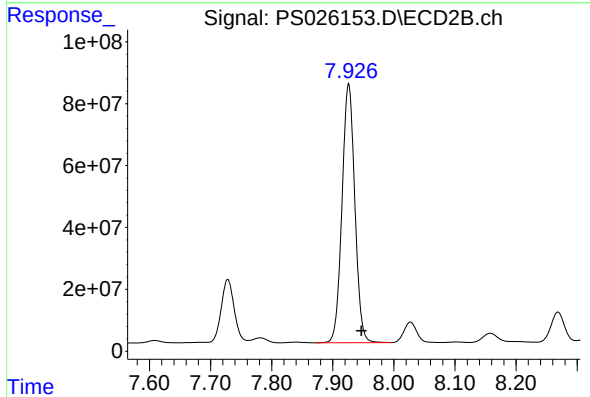
#5 DICAMBA

R.T.: 7.389 min
Delta R.T.: -0.015 min
Response: 4025757205
Conc: 354.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-1

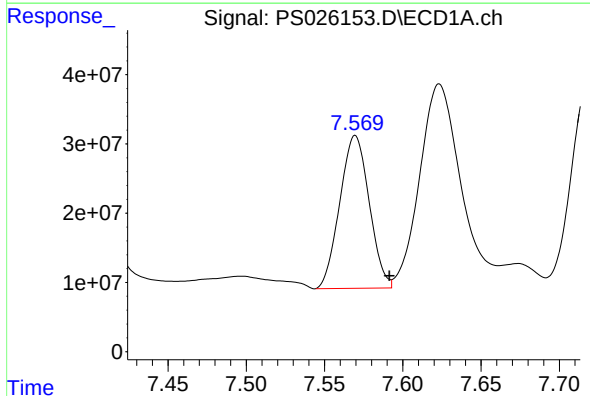
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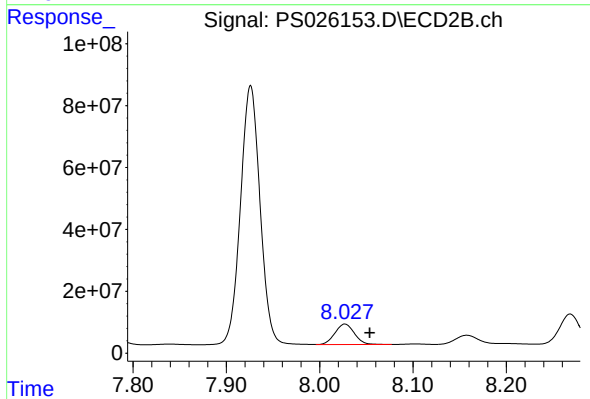
#5 DICAMBA

R.T.: 7.926 min
Delta R.T.: -0.021 min
Response: 1220494163
Conc: 345.64 ng/ml



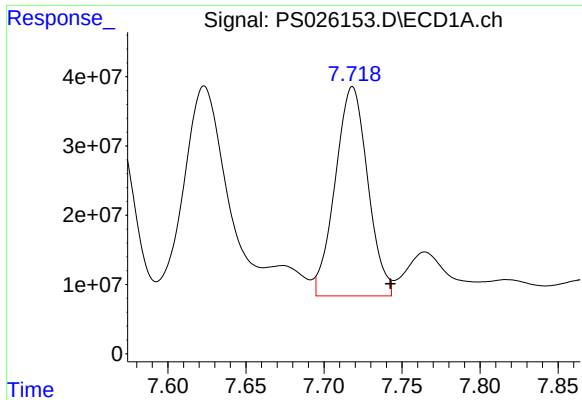
#6 MCP

R.T.: 7.570 min
Delta R.T.: -0.022 min
Response: 288347654
Conc: 35.91 ug/ml



#6 MCP

R.T.: 8.027 min
Delta R.T.: -0.027 min
Response: 96182250
Conc: 36.42 ug/ml



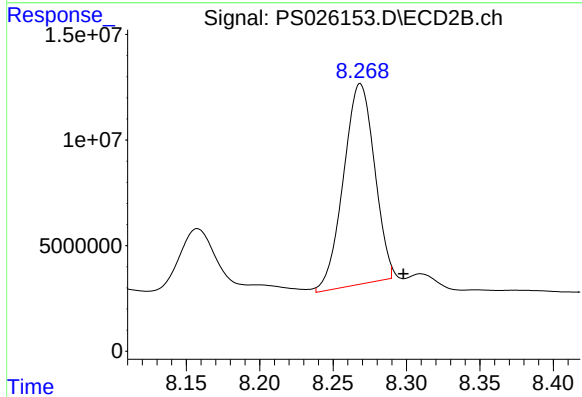
#7 MCPA

R.T.: 7.718 min
Delta R.T.: -0.025 min
Response: 436956148
Conc: 38.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-1

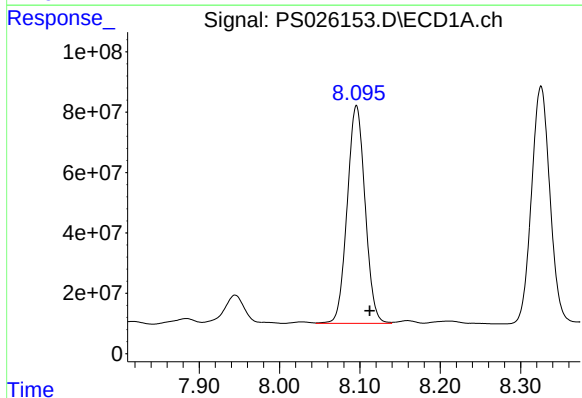
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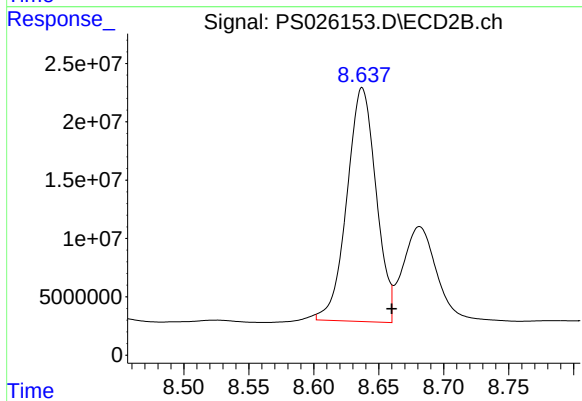
#7 MCPA

R.T.: 8.268 min
Delta R.T.: -0.030 min
Response: 139180580
Conc: 38.99 ug/ml m



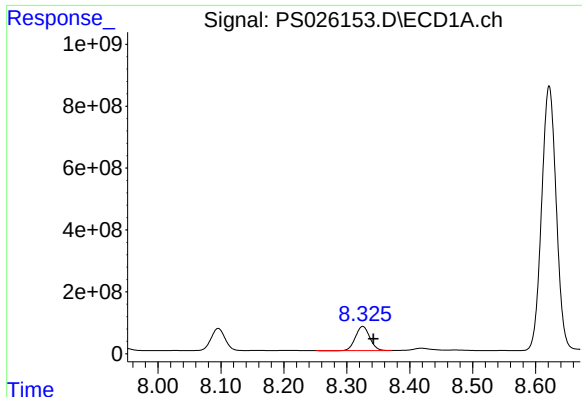
#8 DICHLORPROP

R.T.: 8.096 min
Delta R.T.: -0.017 min
Response: 1114071237
Conc: 376.77 ng/ml



#8 DICHLORPROP

R.T.: 8.637 min
Delta R.T.: -0.023 min
Response: 314460871
Conc: 358.74 ng/ml m



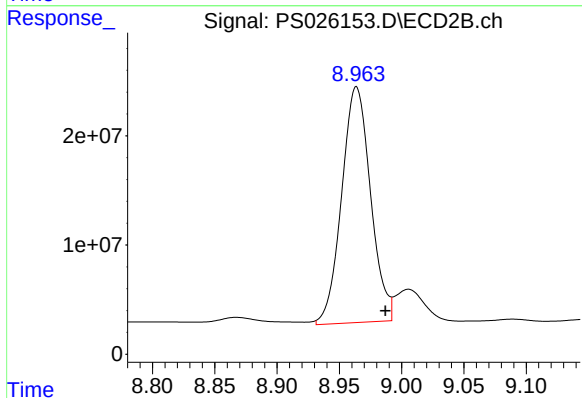
#9 2,4-D

R.T.: 8.325 min
Delta R.T.: -0.017 min
Response: 1247907552
Conc: 426.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-1

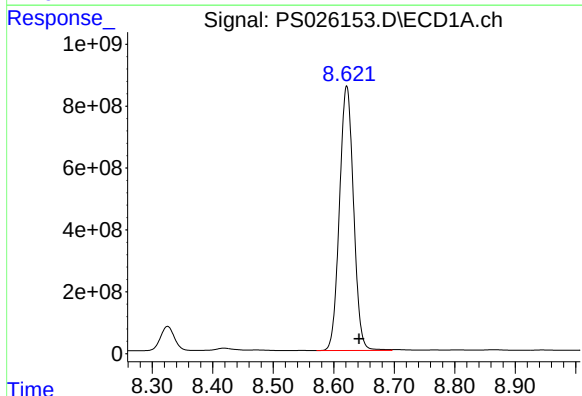
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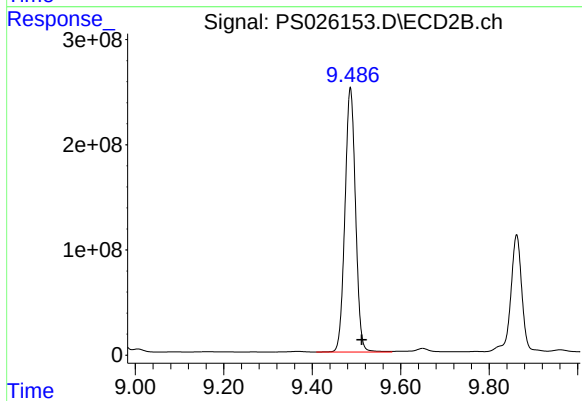
#9 2,4-D

R.T.: 8.963 min
Delta R.T.: -0.024 min
Response: 349833353
Conc: 427.95 ng/ml m



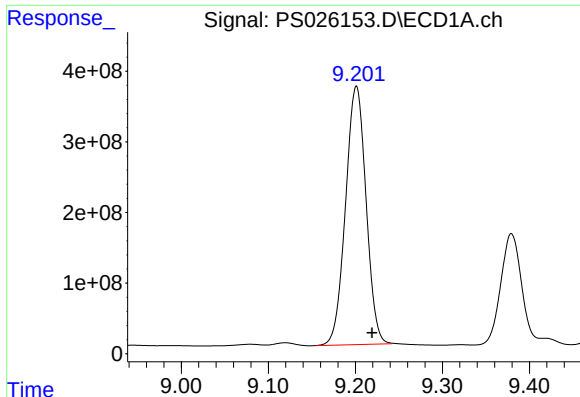
#10 Pentachlorophenol

R.T.: 8.621 min
Delta R.T.: -0.021 min
Response: 13829808326
Conc: 342.85 ng/ml



#10 Pentachlorophenol

R.T.: 9.486 min
Delta R.T.: -0.026 min
Response: 4166492173
Conc: 316.48 ng/ml



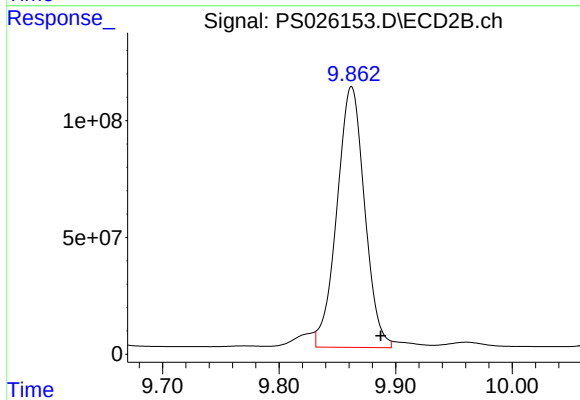
#11 2,4,5-TP (SILVEX)

R.T.: 9.201 min
Delta R.T.: -0.018 min
Response: 5994756407
Conc: 376.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-1

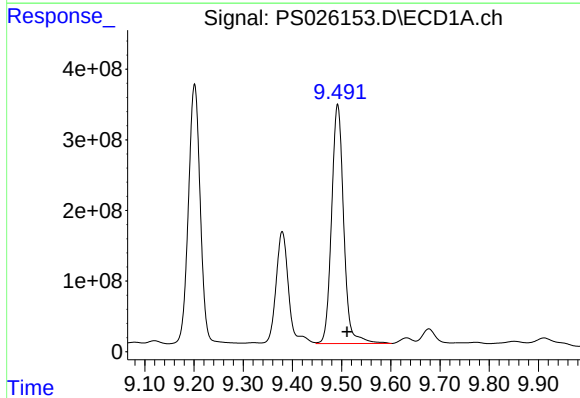
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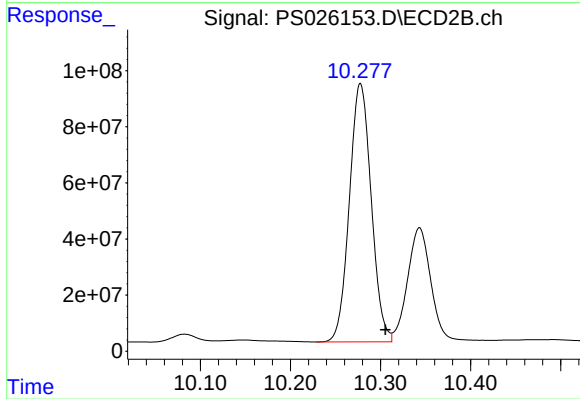
#11 2,4,5-TP (SILVEX)

R.T.: 9.862 min
Delta R.T.: -0.025 min
Response: 1838547180
Conc: 371.07 ng/ml m



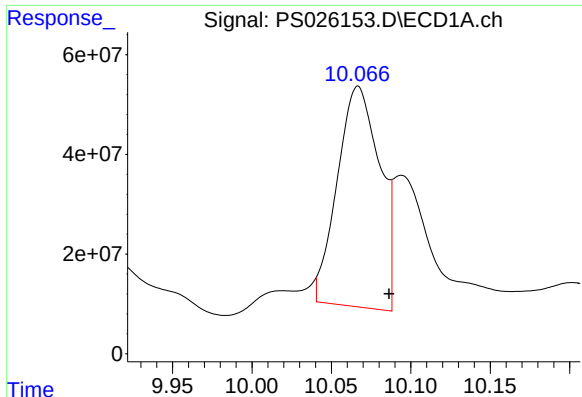
#12 2,4,5-T

R.T.: 9.492 min
Delta R.T.: -0.019 min
Response: 5799968063
Conc: 390.57 ng/ml



#12 2,4,5-T

R.T.: 10.278 min
Delta R.T.: -0.027 min
Response: 1551889202
Conc: 366.43 ng/ml



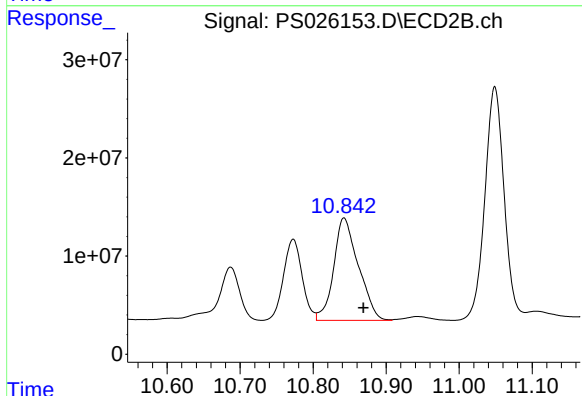
#13 2,4-DB

R.T.: 10.066 min
Delta R.T.: -0.020 min
Response: 821654312
Conc: 419.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-1

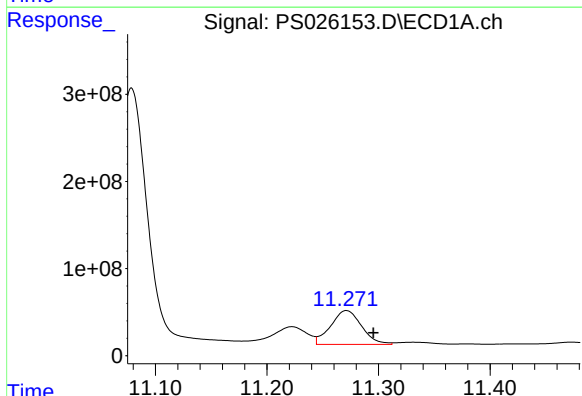
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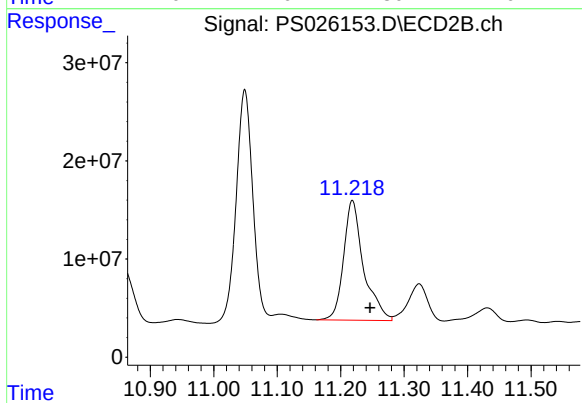
#13 2,4-DB

R.T.: 10.842 min
Delta R.T.: -0.027 min
Response: 244930408
Conc: 534.09 ng/ml



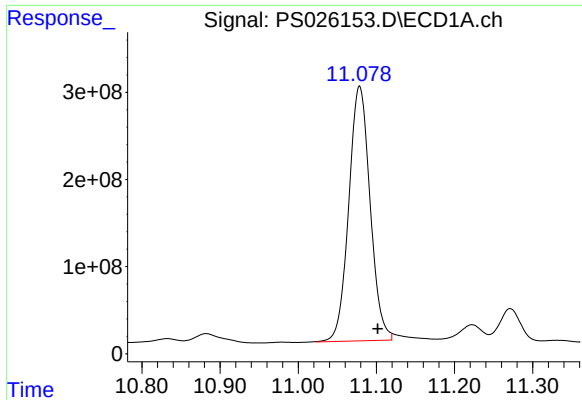
#14 DINOSEB

R.T.: 11.271 min
Delta R.T.: -0.024 min
Response: 750499435
Conc: 72.61 ng/ml



#14 DINOSEB

R.T.: 11.218 min
Delta R.T.: -0.028 min
Response: 267470168
Conc: 89.59 ng/ml



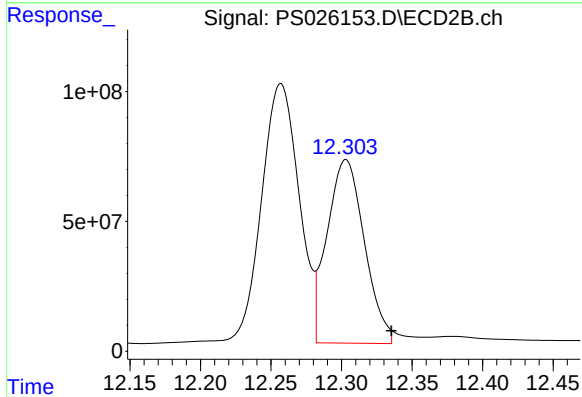
#15 Picloram

R.T.: 11.078 min
Delta R.T.: -0.024 min
Response: 5544940264
Conc: 316.07 ng/ml

Instrument :
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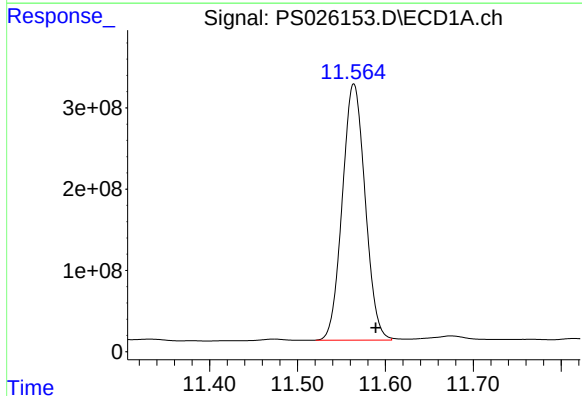
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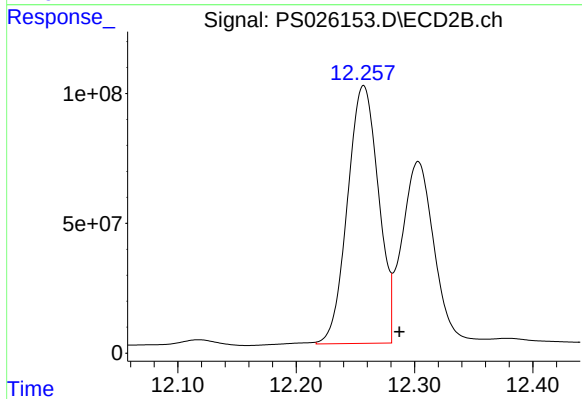
#15 Picloram

R.T.: 12.303 min
Delta R.T.: -0.033 min
Response: 1293380260
Conc: 288.72 ng/ml m



#16 DCPA

R.T.: 11.564 min
Delta R.T.: -0.026 min
Response: 5691508623
Conc: 281.47 ng/ml m



#16 DCPA

R.T.: 12.257 min
Delta R.T.: -0.030 min
Response: 1804451719
Conc: 318.40 ng/ml m