

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS031324\
 Data File : PS026154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2024 00:04
 Operator : AR\AJ
 Sample : SOIL IDOC-2
 Misc : FOR EVELYN
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL IDOC-2

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 04:04:21 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	7.202	7.727	1002.4E6	256.8E6	370.561	331.222m
Target Compounds							
1) T	Dalapon	2.650	2.698	1513.0E6	529.4E6	350.104	330.519
2) T	3,5-DICHL...	6.380	6.689	1278.2E6	368.2E6	328.137	311.496
3) T	4-Nitroph...	7.001	7.257	425.7E6	116.6E6	316.774m	321.683m
5) T	DICAMBA	7.388	7.925	3569.2E6	1074.2E6	314.296	304.212
6) T	MCPD	7.568	8.027	252.6E6	83680945	31.463	31.690
7) T	MCPA	7.717	8.268	423.8E6	141.7E6	37.209m	39.708
8) T	DICHLORPROP	8.095	8.636	982.5E6	268.0E6	332.260	305.704m
9) T	2,4-D	8.324	8.963	1113.9E6	311.3E6	380.589	380.810m
10) T	Pentachlo...	8.620	9.486	12382.4E6	3691.7E6	306.971	280.412
11) T	2,4,5-TP ...	9.200	9.861	5474.3E6	1626.5E6	344.103	328.266m
12) T	2,4,5-T	9.491	10.277	4924.3E6	1370.6E6	331.605m	323.630
13) T	2,4-DB	10.066	10.843	791.8E6	220.7E6	404.560m	481.257
14) T	DINOSEB	11.270	11.218	654.2E6	232.7E6	63.292	77.935
15) T	Picloram	11.078	12.302	5065.5E6	1179.5E6	288.747m	263.291m
16) T	DCPA	11.562	12.256	4355.5E6	1414.5E6	215.397	249.596m

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

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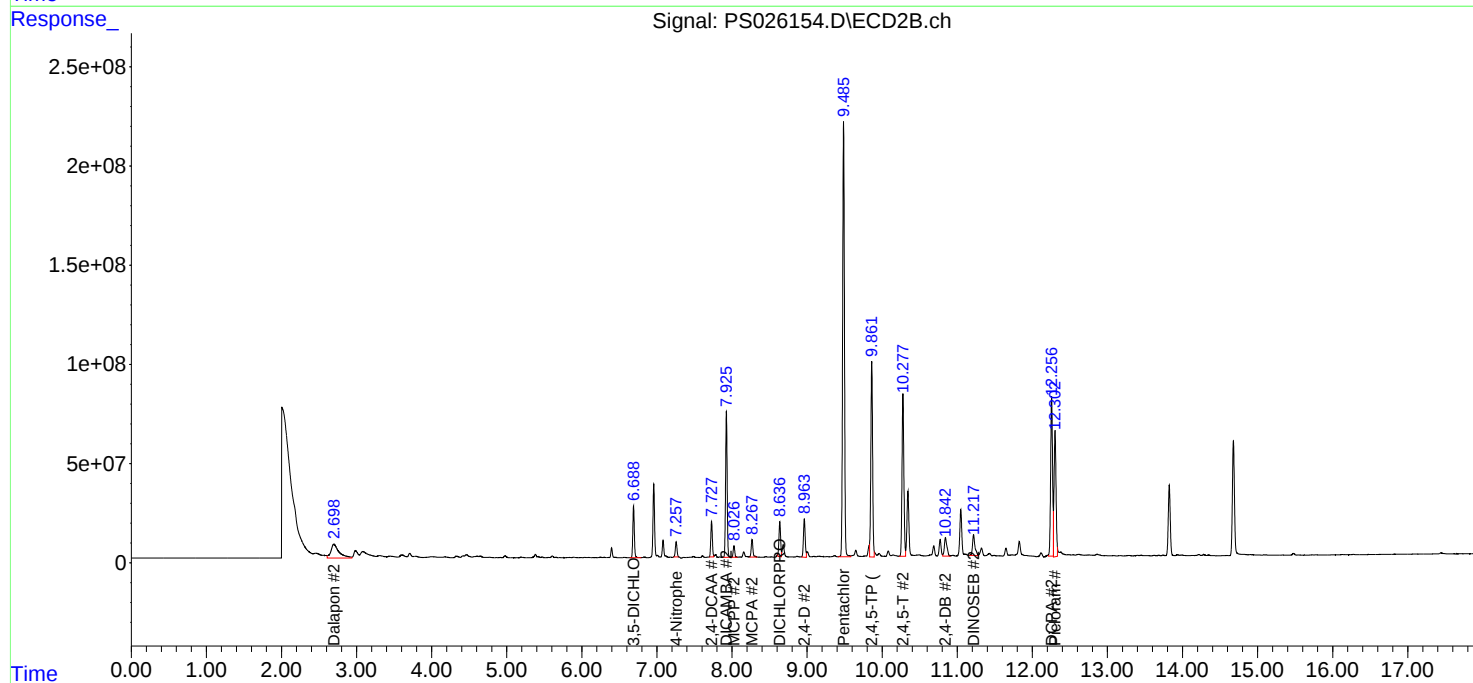
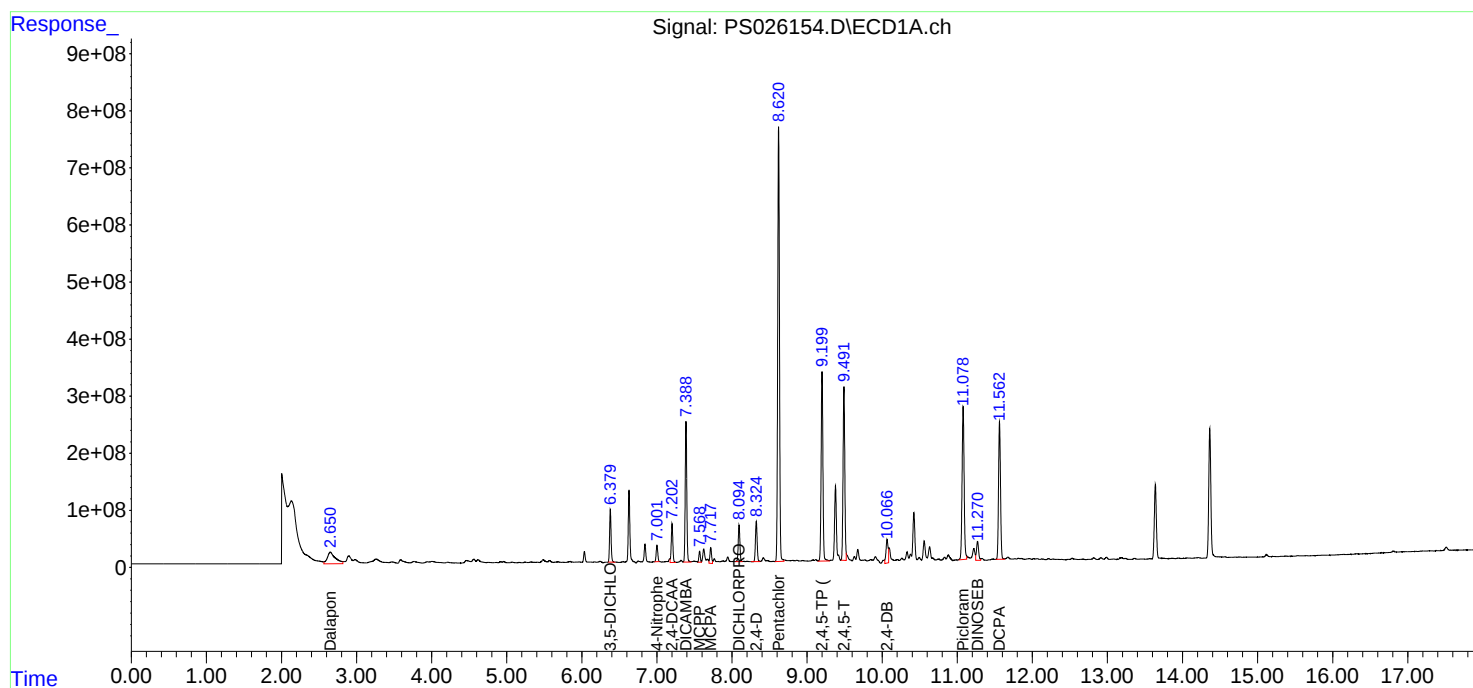
Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

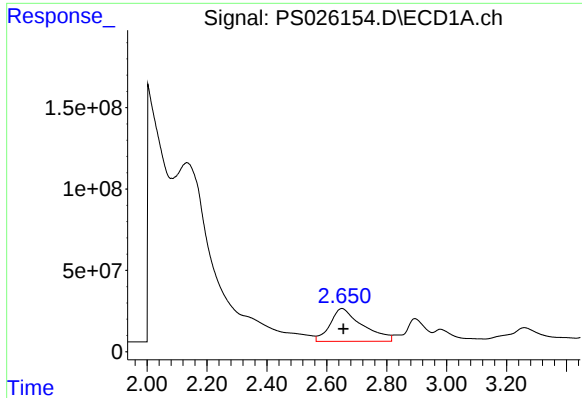
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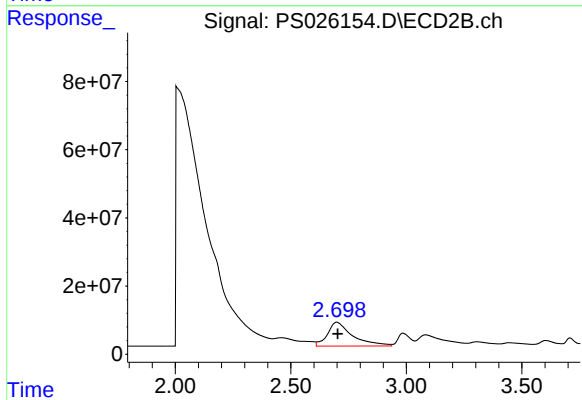
#1 Dalapon

R.T.: 2.650 min
Delta R.T.: -0.005 min
Response: 1512997520
Conc: 350.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

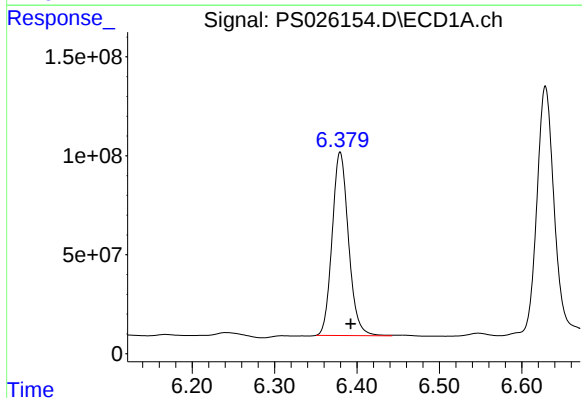
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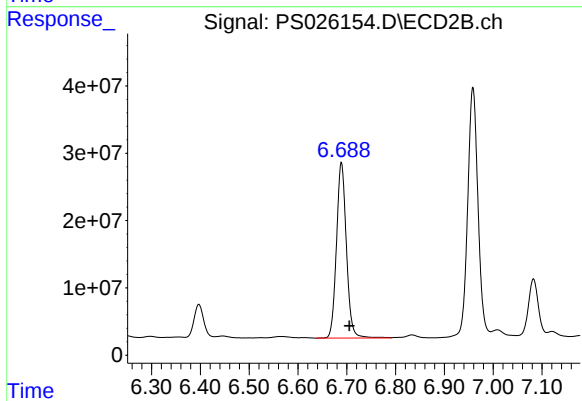
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: -0.005 min
Response: 529371557
Conc: 330.52 ng/ml



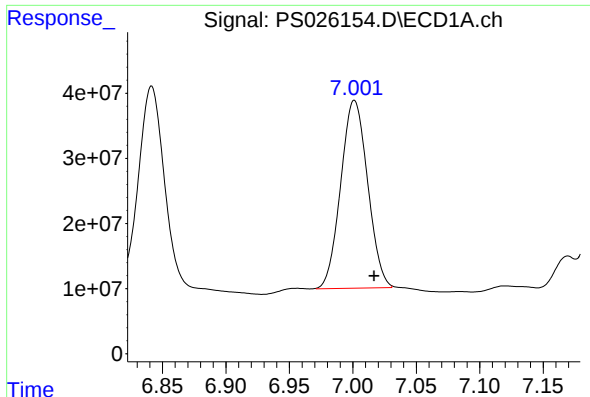
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.380 min
Delta R.T.: -0.013 min
Response: 1278161853
Conc: 328.14 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.689 min
Delta R.T.: -0.016 min
Response: 368203390
Conc: 311.50 ng/ml



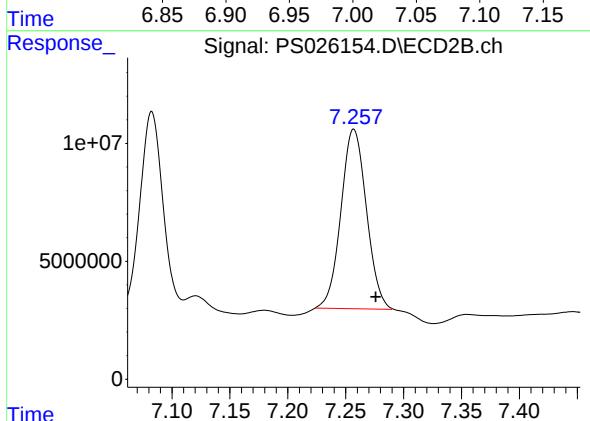
#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: -0.016 min
Response: 425723016
Conc: 316.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

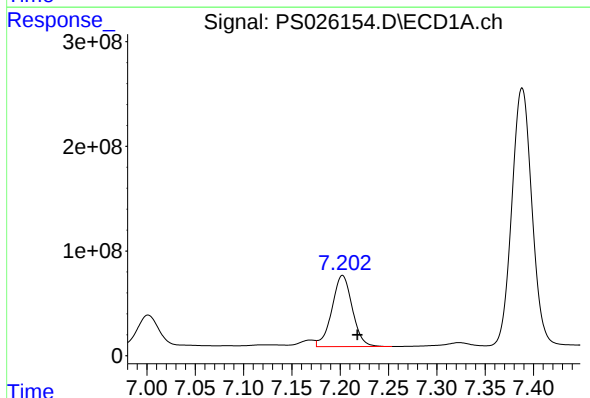
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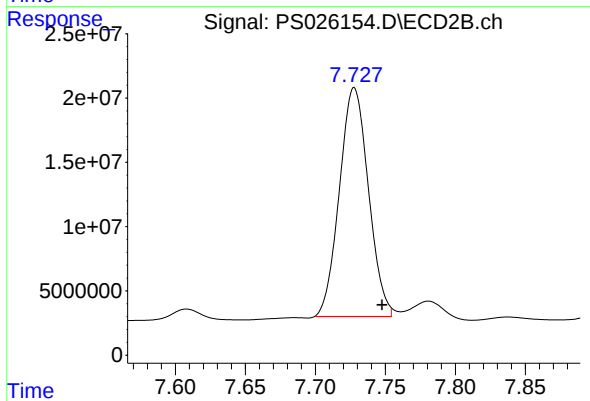
#3 4-Nitrophenol

R.T.: 7.257 min
Delta R.T.: -0.019 min
Response: 116598730
Conc: 321.68 ng/ml m



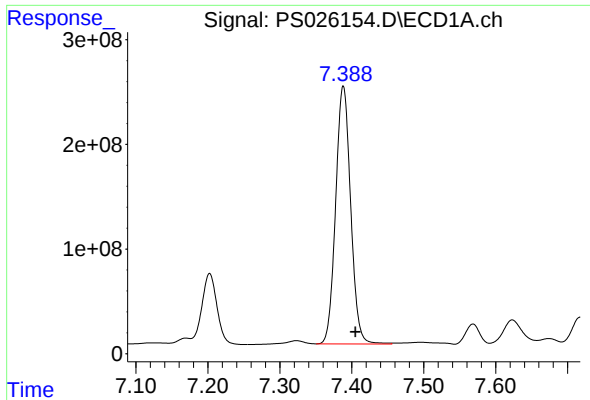
#4 2,4-DCAA

R.T.: 7.202 min
Delta R.T.: -0.016 min
Response: 1002384746
Conc: 370.56 ng/ml



#4 2,4-DCAA

R.T.: 7.727 min
Delta R.T.: -0.020 min
Response: 256791224
Conc: 331.22 ng/ml m



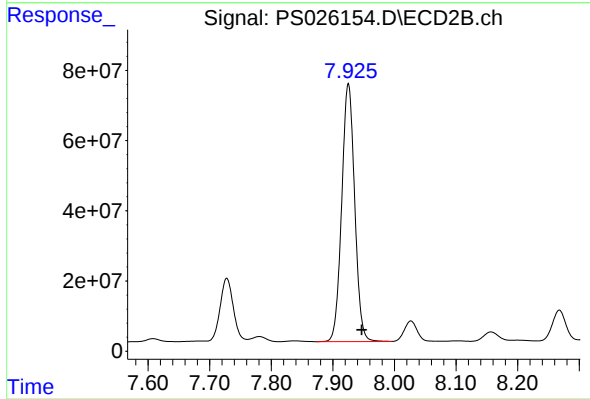
#5 DICAMBA

R.T.: 7.388 min
Delta R.T.: -0.017 min
Response: 3569203132
Conc: 314.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

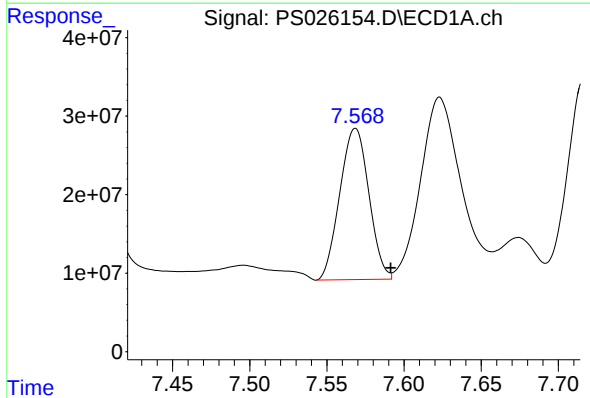
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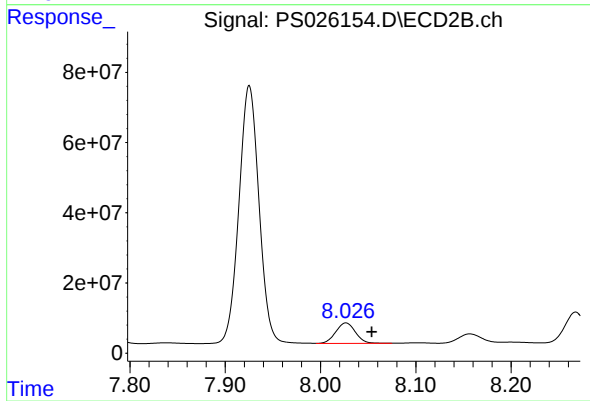
#5 DICAMBA

R.T.: 7.925 min
Delta R.T.: -0.022 min
Response: 1074216983
Conc: 304.21 ng/ml



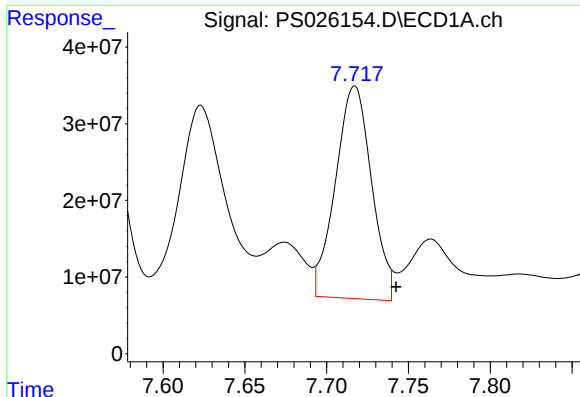
#6 MCP

R.T.: 7.568 min
Delta R.T.: -0.023 min
Response: 252601585
Conc: 31.46 ug/ml



#6 MCP

R.T.: 8.027 min
Delta R.T.: -0.027 min
Response: 83680945
Conc: 31.69 ug/ml



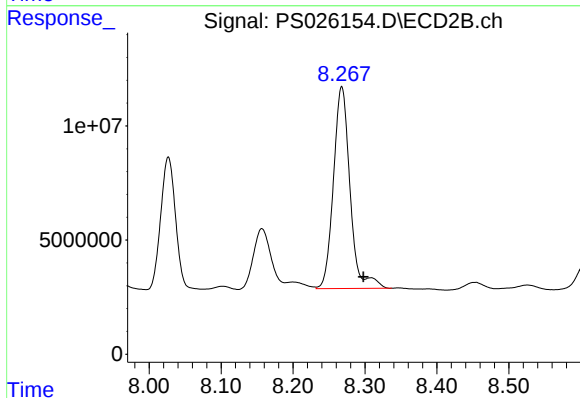
#7 MCPA

R.T.: 7.717 min
Delta R.T.: -0.026 min
Response: 423767536
Conc: 37.21 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

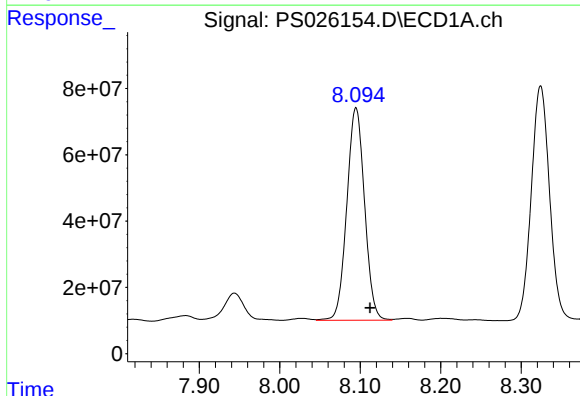
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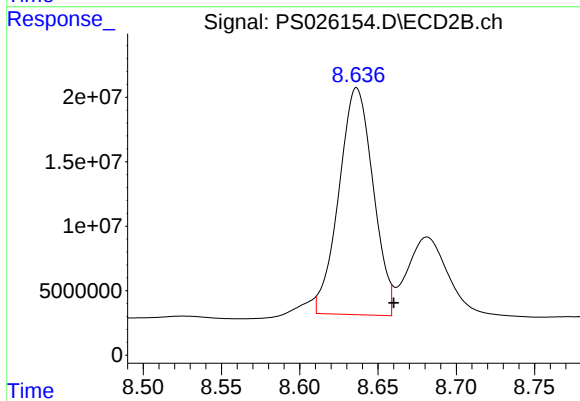
#7 MCPA

R.T.: 8.268 min
Delta R.T.: -0.030 min
Response: 141747849
Conc: 39.71 ug/ml



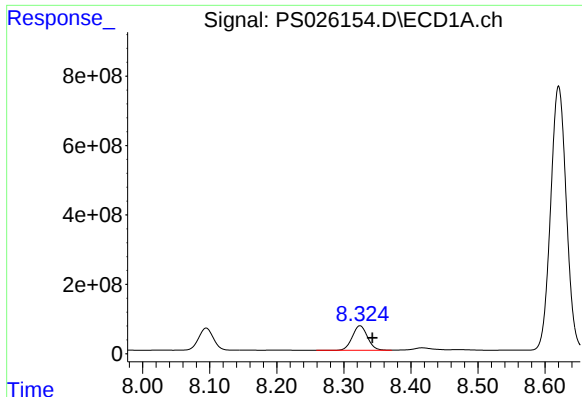
#8 DICHLORPROP

R.T.: 8.095 min
Delta R.T.: -0.018 min
Response: 982468950
Conc: 332.26 ng/ml



#8 DICHLORPROP

R.T.: 8.636 min
Delta R.T.: -0.024 min
Response: 267968486
Conc: 305.70 ng/ml m



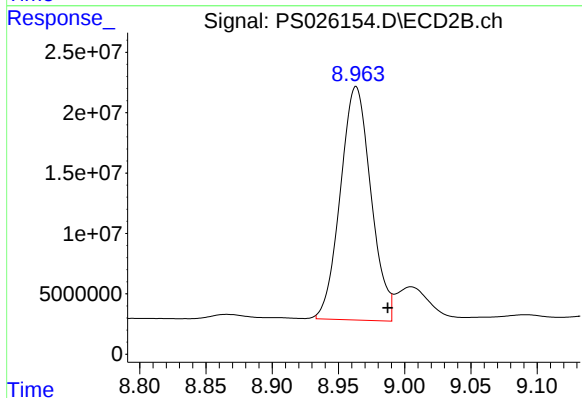
#9 2,4-D

R.T.: 8.324 min
Delta R.T.: -0.018 min
Response: 1113912199
Conc: 380.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

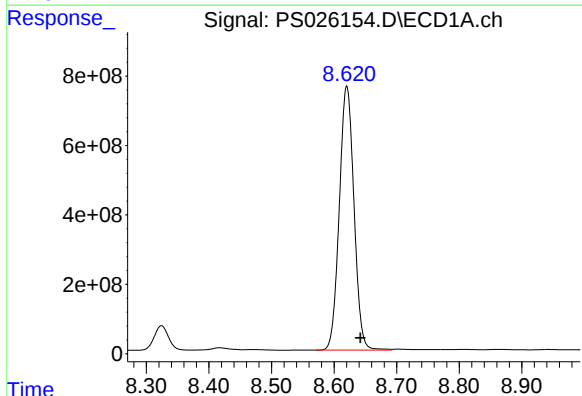
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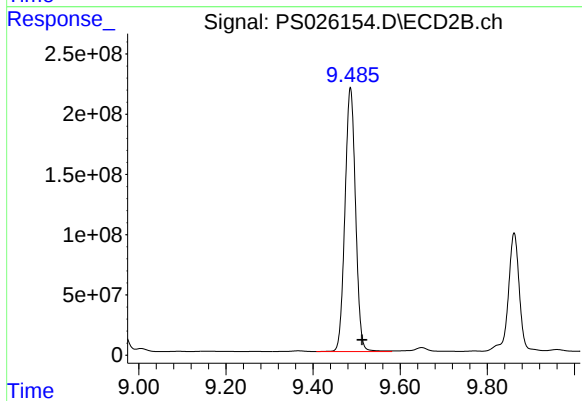
#9 2,4-D

R.T.: 8.963 min
Delta R.T.: -0.024 min
Response: 311297450
Conc: 380.81 ng/ml m



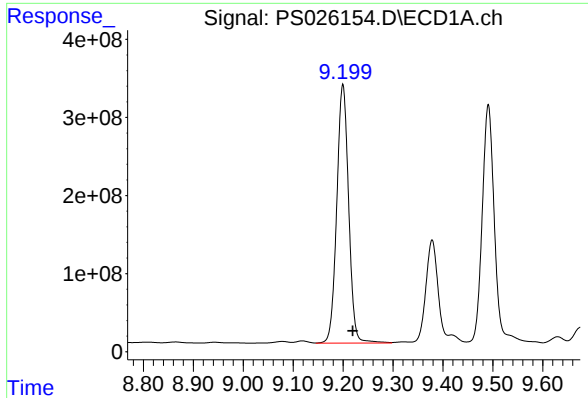
#10 Pentachlorophenol

R.T.: 8.620 min
Delta R.T.: -0.022 min
Response: 12382419327
Conc: 306.97 ng/ml



#10 Pentachlorophenol

R.T.: 9.486 min
Delta R.T.: -0.027 min
Response: 3691662090
Conc: 280.41 ng/ml



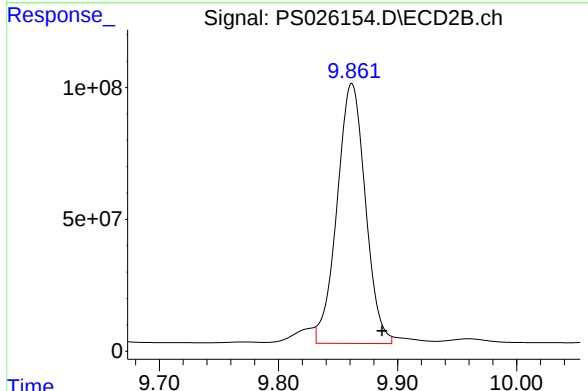
#11 2,4,5-TP (SILVEX)

R.T.: 9.200 min
Delta R.T.: -0.020 min
Response: 5474311809
Conc: 344.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

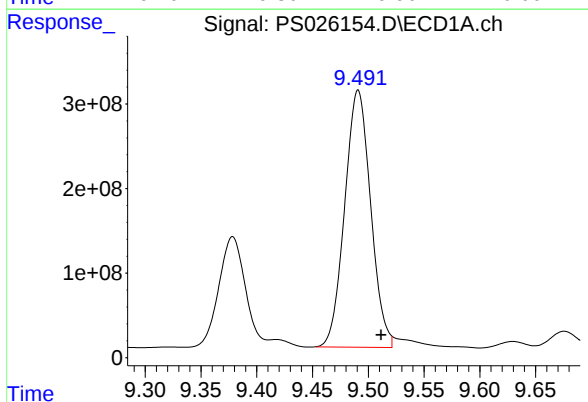
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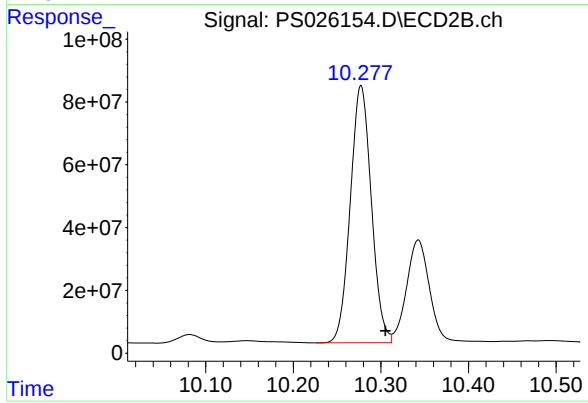
#11 2,4,5-TP (SILVEX)

R.T.: 9.861 min
Delta R.T.: -0.026 min
Response: 1626481414
Conc: 328.27 ng/ml m



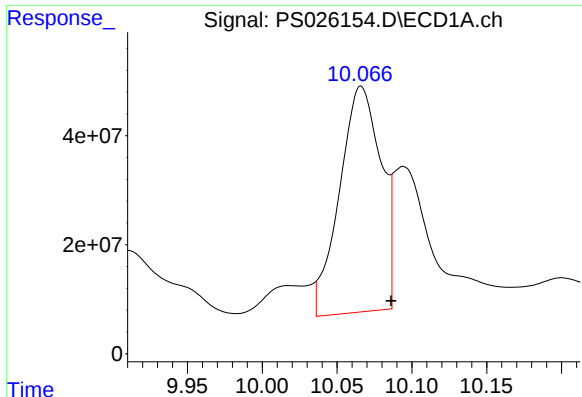
#12 2,4,5-T

R.T.: 9.491 min
Delta R.T.: -0.021 min
Response: 4924321102
Conc: 331.61 ng/ml m



#12 2,4,5-T

R.T.: 10.277 min
Delta R.T.: -0.028 min
Response: 1370636024
Conc: 323.63 ng/ml



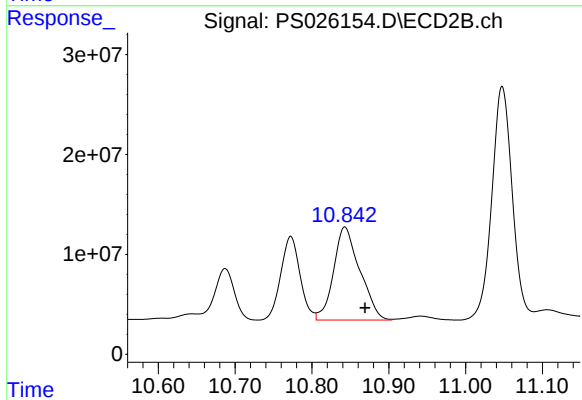
#13 2,4-DB

R.T.: 10.066 min
Delta R.T.: -0.021 min
Response: 791783630
Conc: 404.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

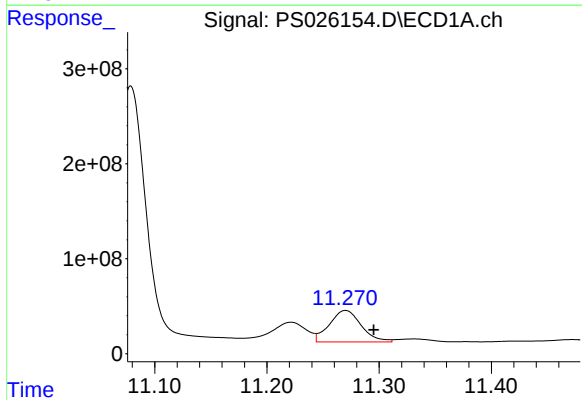
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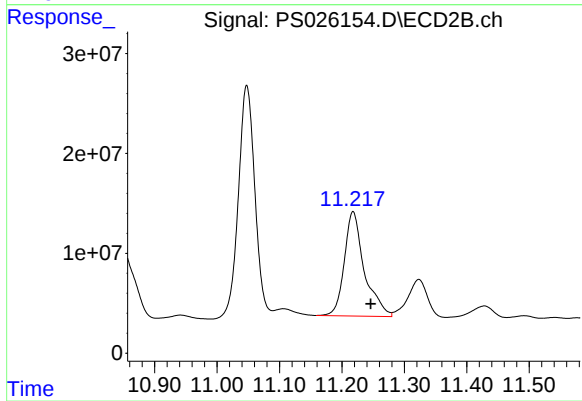
#13 2,4-DB

R.T.: 10.843 min
Delta R.T.: -0.026 min
Response: 220703041
Conc: 481.26 ng/ml



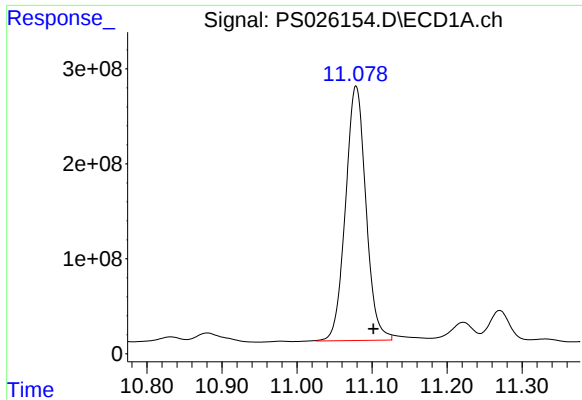
#14 DINOSEB

R.T.: 11.270 min
Delta R.T.: -0.025 min
Response: 654198216
Conc: 63.29 ng/ml



#14 DINOSEB

R.T.: 11.218 min
Delta R.T.: -0.029 min
Response: 232669085
Conc: 77.93 ng/ml



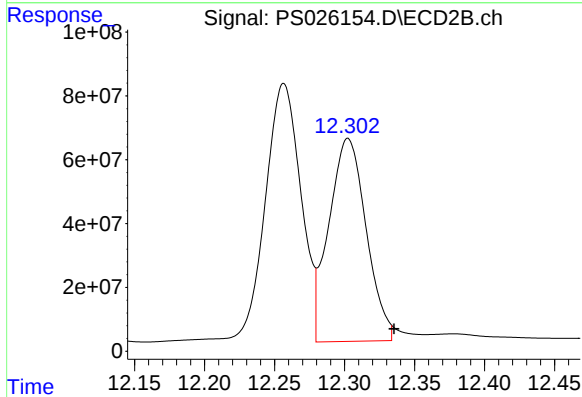
#15 Picloram

R.T.: 11.078 min
Delta R.T.: -0.024 min
Response: 5065548310
Conc: 288.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL IDOC-2

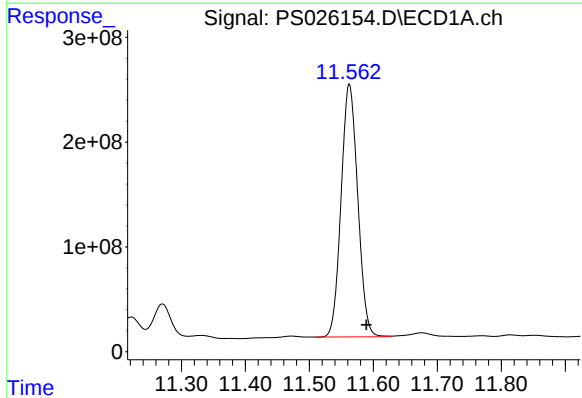
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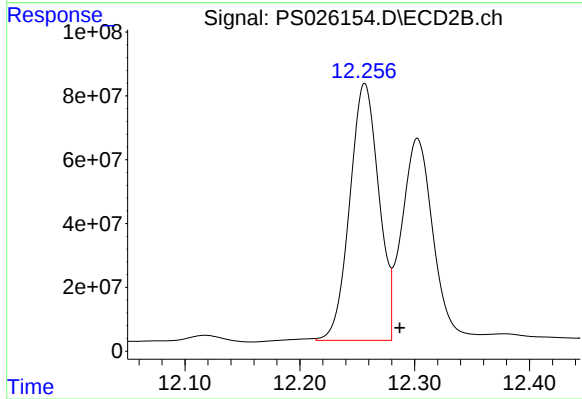
#15 Picloram

R.T.: 12.302 min
Delta R.T.: -0.033 min
Response: 1179466885
Conc: 263.29 ng/ml m



#16 DCPA

R.T.: 11.562 min
Delta R.T.: -0.027 min
Response: 4355505642
Conc: 215.40 ng/ml



#16 DCPA

R.T.: 12.256 min
Delta R.T.: -0.031 min
Response: 1414532410
Conc: 249.60 ng/ml m