

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080124\
 Data File : PS027267.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2024 12:40
 Operator : AR\AJ
 Sample : P3390-02
 Misc : LOQ SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/05/2024
 Supervised By : Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 08:12:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071224.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 27 04:33:52 2024
 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 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	7.192	7.750	1512.6E6	1141.1E6	598.140	492.145
Target Compounds							
1) T	Dalapon	2.605	2.695	249.2E6	730.2E6	74.943m	175.953m#
2) T	3,5-DICHL...	6.371	6.704	780.0E6	611.6E6	197.224	180.335
3) T	4-Nitroph...	6.991	7.278	291.7E6	284.5E6	181.986m	172.065m
5) T	DICAMBA	7.375	7.949	1998.0E6	1914.3E6	181.847	181.687
6) T	MCP	7.551	8.048	116.3E6	110.8E6	15.155	14.308
7) T	MCPA	7.697	8.290	166.1E6	162.4E6	16.295	15.510m
8) T	DICHLORPROP	8.071	8.662	501.3E6	522.7E6	186.807	202.113m
9) T	2,4-D	8.297	8.991	673.6E6	635.2E6	234.112	220.299m
10) T	Pentachlo...	8.589	9.520	8101.1E6	7970.7E6	205.034	204.264
11) T	2,4,5-TP ...	9.162	9.894	3147.4E6	3203.2E6	207.924	200.869
12) T	2,4,5-T	9.452	10.313	2851.1E6	3116.7E6	192.893	195.053
13) T	2,4-DB	10.021	10.878	373.5E6	378.1E6	172.833m	187.083
14) T	DINOSEB	11.213	11.256	2066.6E6	2122.0E6	183.494m	189.942
15) T	Picloram	11.027	12.350	3429.9E6	3716.0E6	176.082m	158.926
16) T	DCPA	11.504f	12.297	2840.2E6	3776.3E6	158.201m	215.865m#

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

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Acq On : 01 Aug 2024 12:40
Operator : AR\AJ
Sample : P3390-02
Misc : LOQ SOIL
ALS Vial : 10 Sample Multiplier: 1

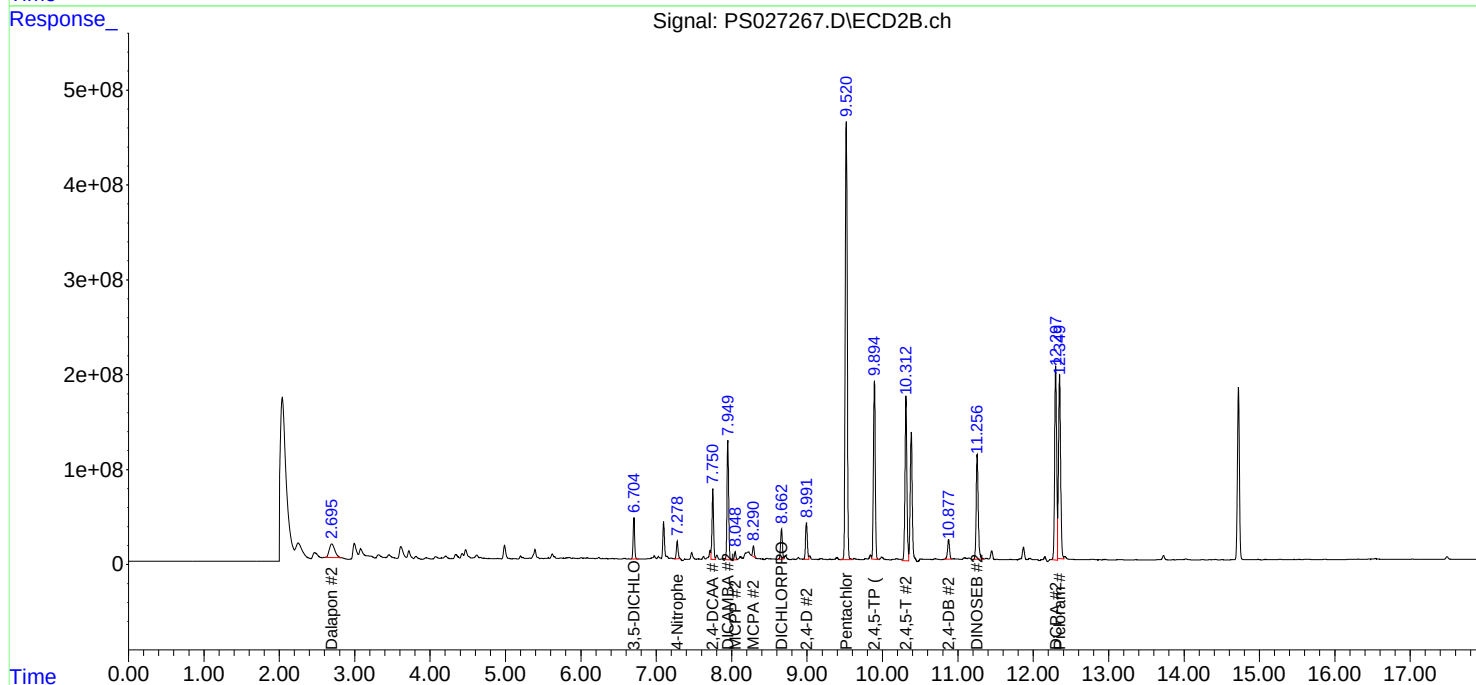
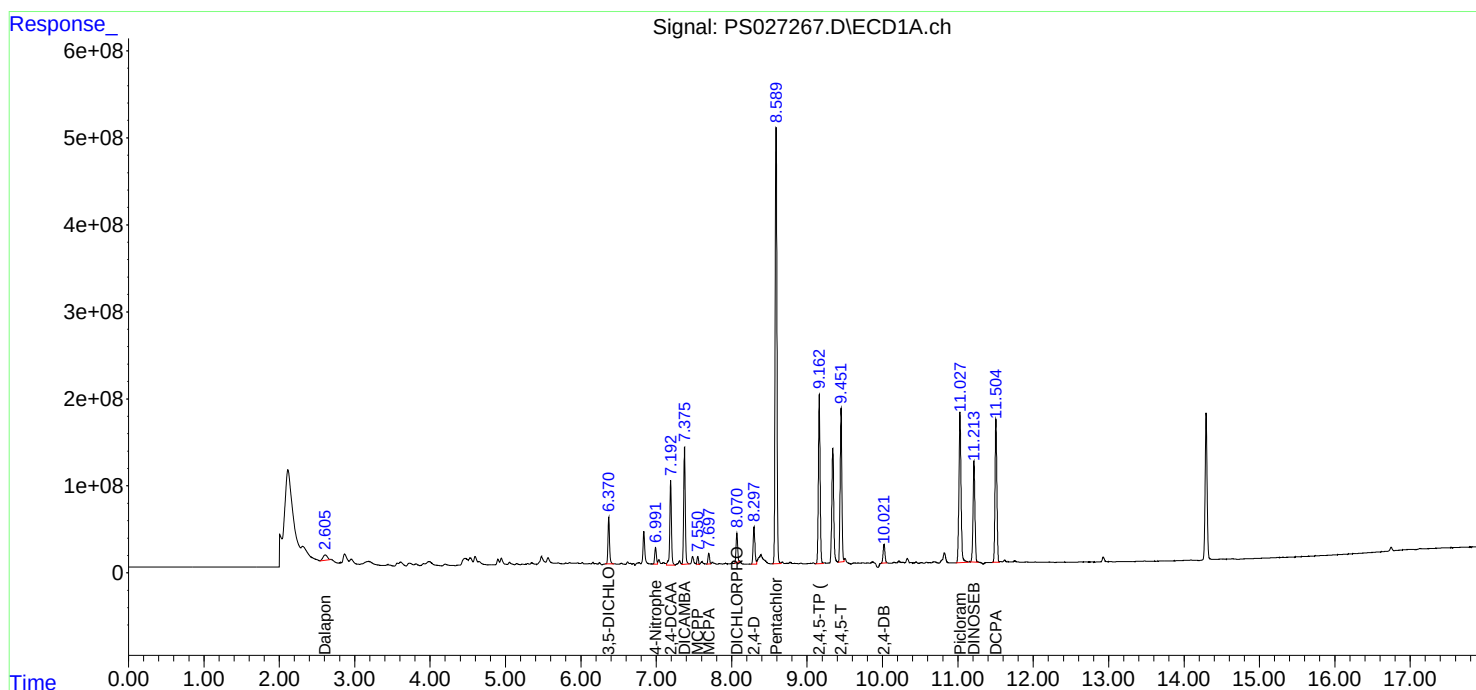
Instrument :
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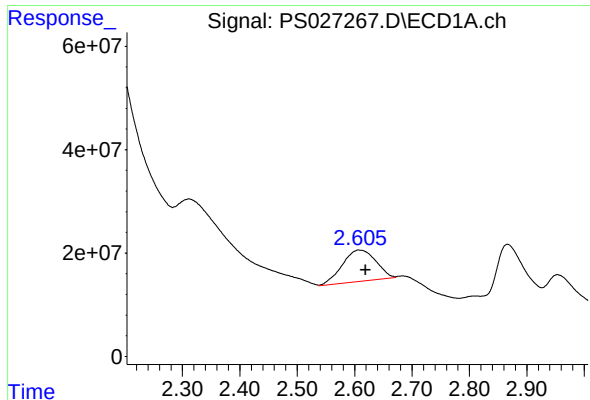
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Integration File signal 2: autoint2.e
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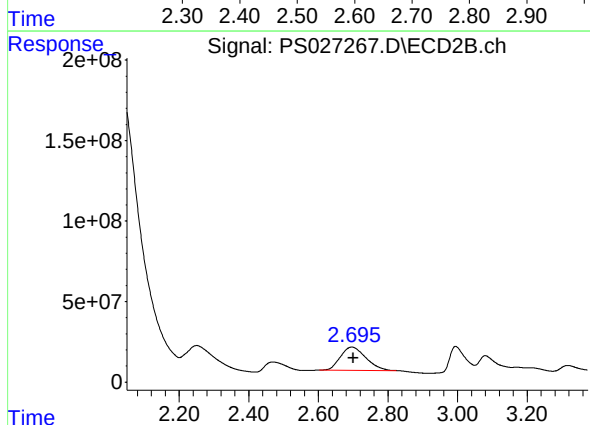
#1 Dalapon

R.T.: 2.605 min
Delta R.T.: -0.014 min
Response: 249155601
Conc: 74.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
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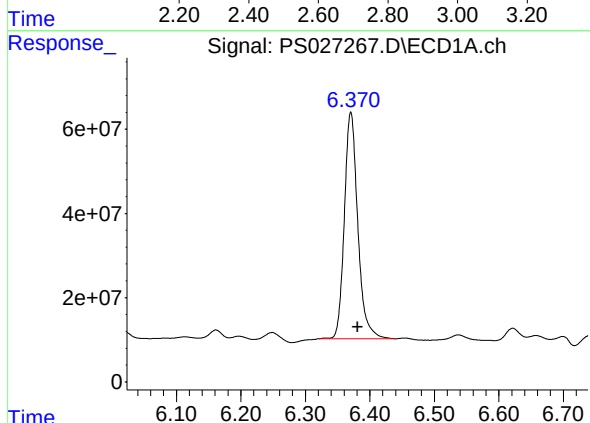
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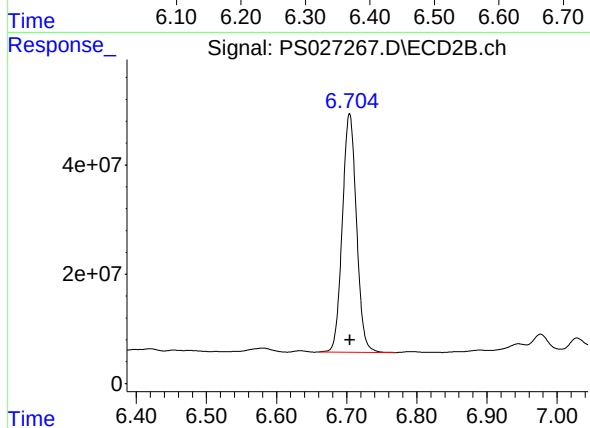
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.005 min
Response: 730225392
Conc: 175.95 ng/ml m



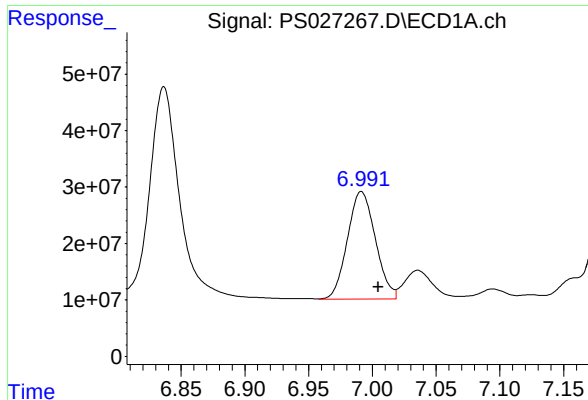
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.371 min
Delta R.T.: -0.011 min
Response: 779963088
Conc: 197.22 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 611644247
Conc: 180.33 ng/ml



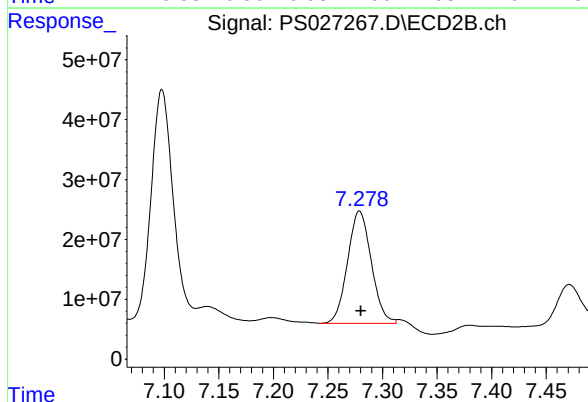
#3 4-Nitrophenol

R.T.: 6.991 min
Delta R.T.: -0.014 min
Response: 291749889
Conc: 181.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2024

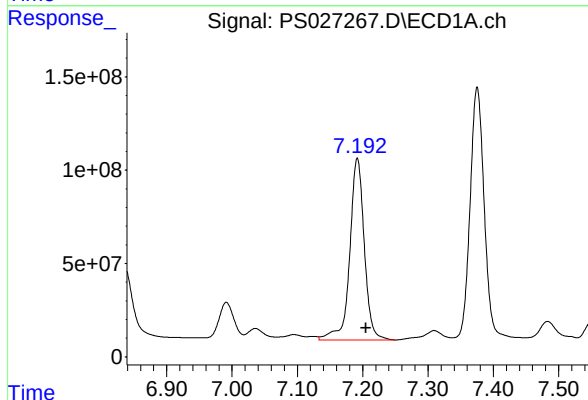
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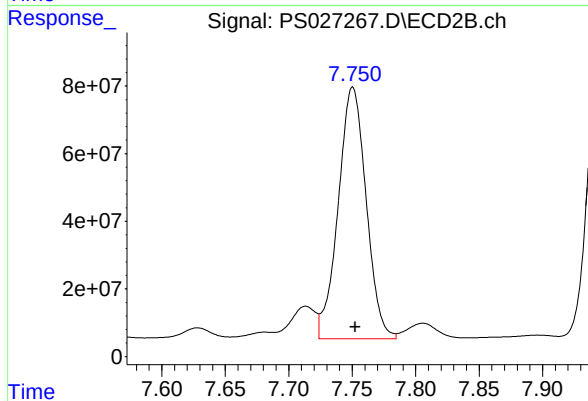
#3 4-Nitrophenol

R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 284520167
Conc: 172.06 ng/ml



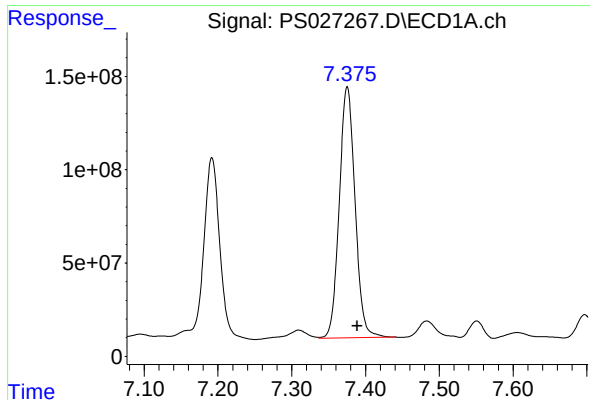
#4 2,4-DCAA

R.T.: 7.192 min
Delta R.T.: -0.013 min
Response: 1512555819
Conc: 598.14 ng/ml



#4 2,4-DCAA

R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 1141147894
Conc: 492.14 ng/ml



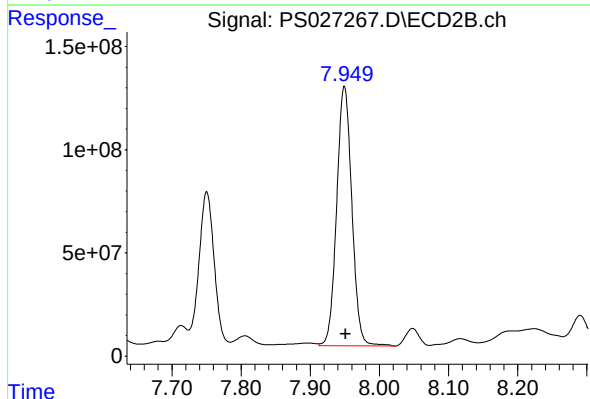
#5 DICAMBA

R.T.: 7.375 min
Delta R.T.: -0.013 min
Response: 1998002479
Conc: 181.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2024

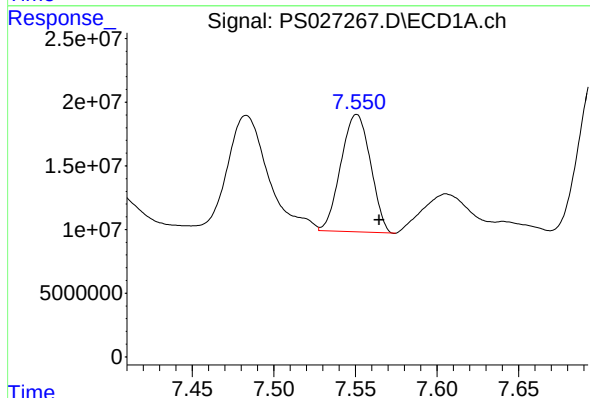
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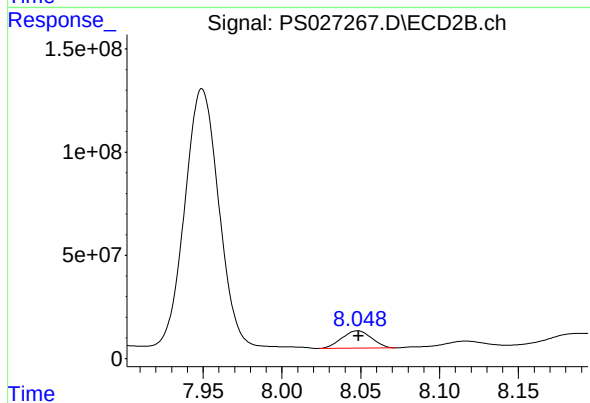
#5 DICAMBA

R.T.: 7.949 min
Delta R.T.: -0.002 min
Response: 1914346329
Conc: 181.69 ng/ml



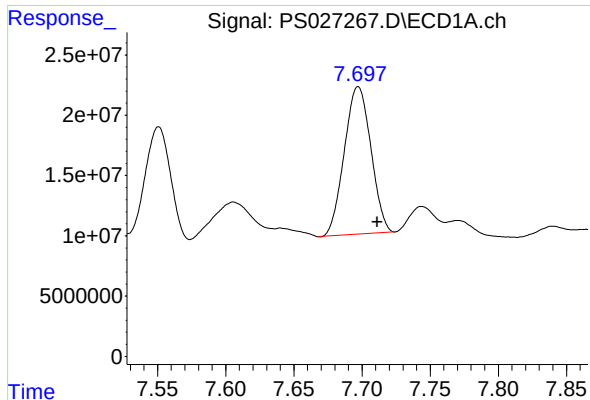
#6 MCPP

R.T.: 7.551 min
Delta R.T.: -0.014 min
Response: 116329100
Conc: 15.15 ug/ml



#6 MCPP

R.T.: 8.048 min
Delta R.T.: 0.000 min
Response: 110840284
Conc: 14.31 ug/ml



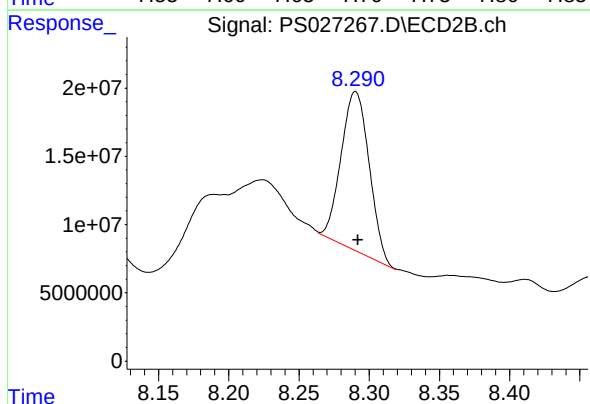
#7 MCPA

R.T.: 7.697 min
Delta R.T.: -0.014 min
Response: 166052743
Conc: 16.30 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2024

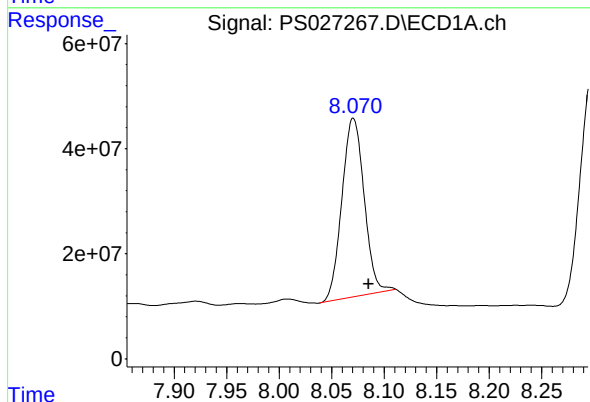
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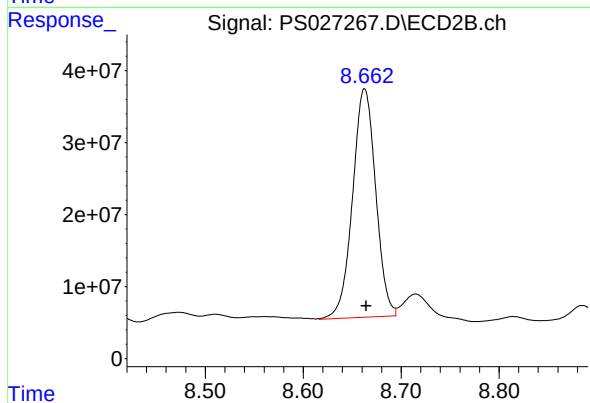
#7 MCPA

R.T.: 8.290 min
Delta R.T.: -0.002 min
Response: 162371470
Conc: 15.51 ug/ml



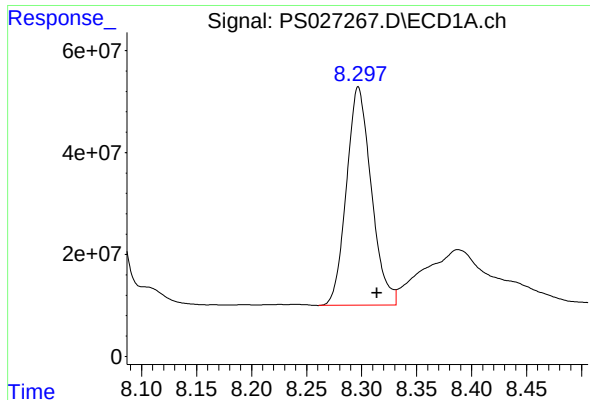
#8 DICHLORPROP

R.T.: 8.071 min
Delta R.T.: -0.015 min
Response: 501274857
Conc: 186.81 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: -0.002 min
Response: 522716879
Conc: 202.11 ng/ml



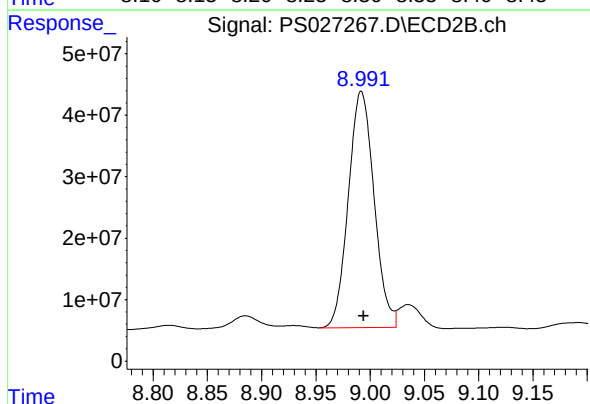
#9 2,4-D

R.T.: 8.297 min
Delta R.T.: -0.017 min
Response: 673563367
Conc: 234.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2024

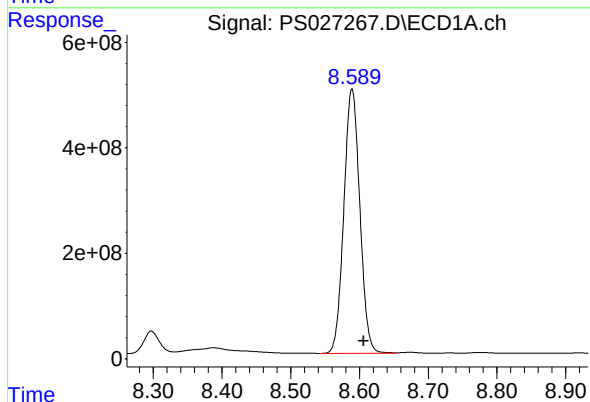
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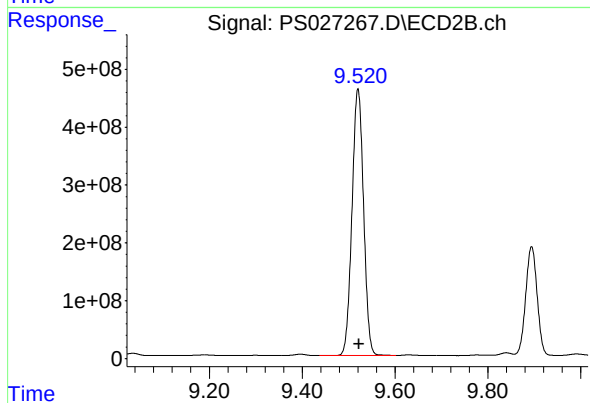
#9 2,4-D

R.T.: 8.991 min
Delta R.T.: -0.003 min
Response: 635165482
Conc: 220.30 ng/ml



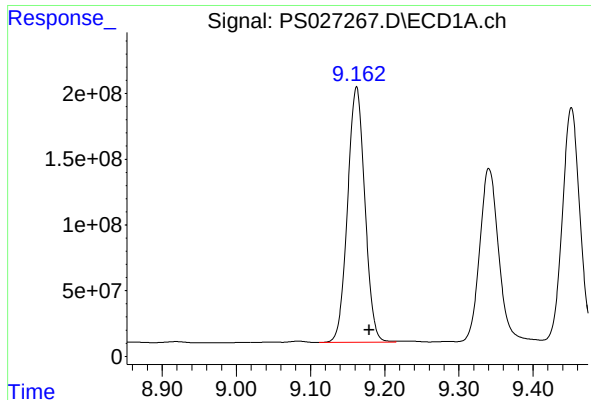
#10 Pentachlorophenol

R.T.: 8.589 min
Delta R.T.: -0.017 min
Response: 8101121096
Conc: 205.03 ng/ml



#10 Pentachlorophenol

R.T.: 9.520 min
Delta R.T.: -0.002 min
Response: 7970744661
Conc: 204.26 ng/ml



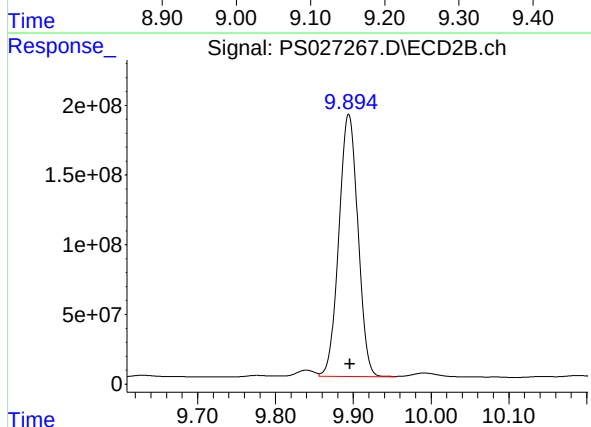
#11 2,4,5-TP (SILVEX)

R.T.: 9.162 min
Delta R.T.: -0.017 min
Response: 3147435348
Conc: 207.92 ng/ml

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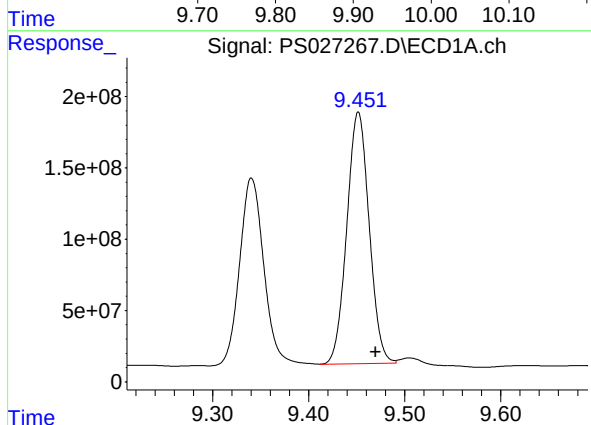
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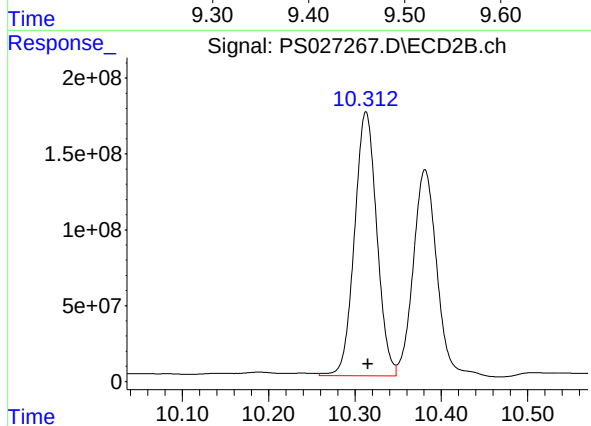
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: -0.002 min
Response: 3203232906
Conc: 200.87 ng/ml



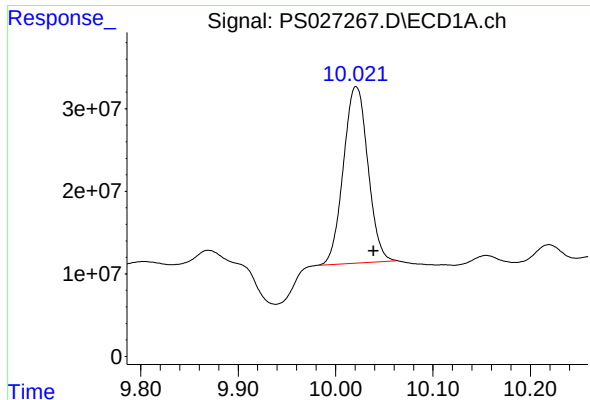
#12 2,4,5-T

R.T.: 9.452 min
Delta R.T.: -0.018 min
Response: 2851129183
Conc: 192.89 ng/ml



#12 2,4,5-T

R.T.: 10.313 min
Delta R.T.: -0.002 min
Response: 3116700263
Conc: 195.05 ng/ml



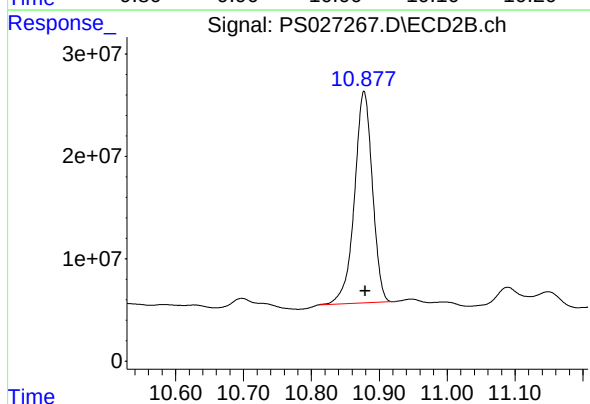
#13 2,4-DB

R.T.: 10.021 min
Delta R.T.: -0.019 min
Response: 373474854
Conc: 172.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT3-2024

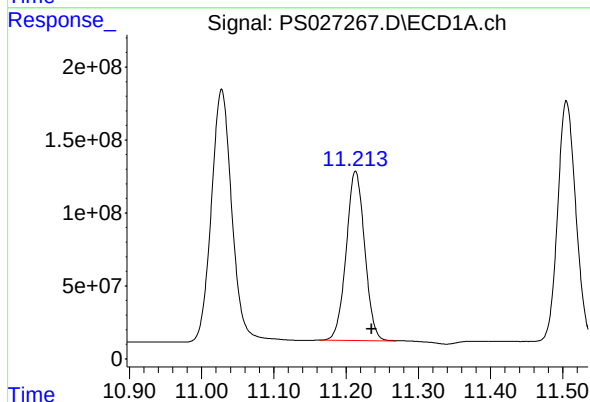
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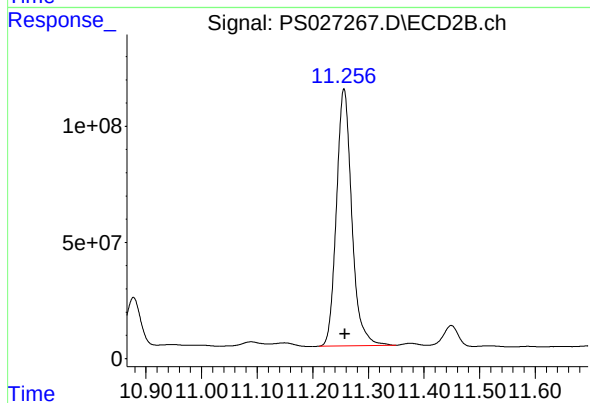
#13 2,4-DB

R.T.: 10.878 min
Delta R.T.: -0.002 min
Response: 378087124
Conc: 187.08 ng/ml



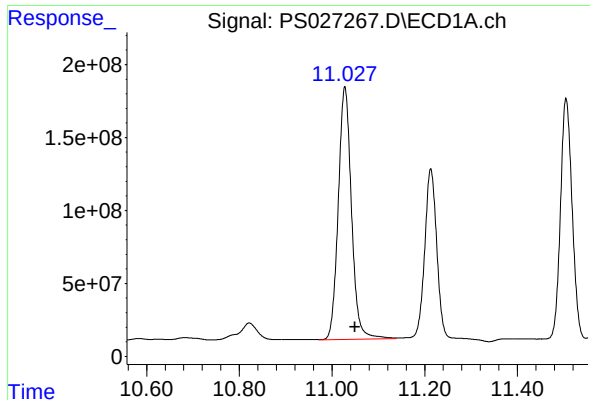
#14 DINOSEB

R.T.: 11.213 min
Delta R.T.: -0.023 min
Response: 2066595117
Conc: 183.49 ng/ml m



#14 DINOSEB

R.T.: 11.256 min
Delta R.T.: -0.002 min
Response: 2122005283
Conc: 189.94 ng/ml



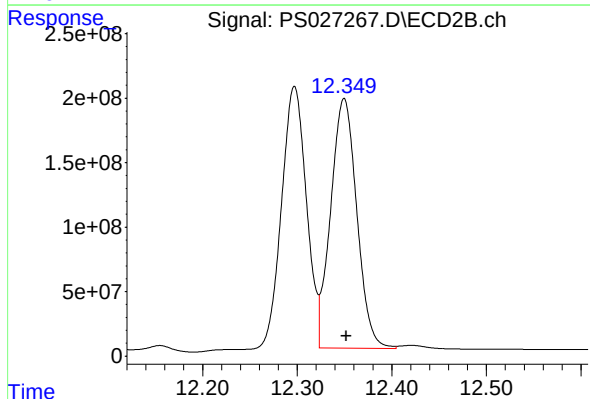
#15 Picloram

R.T.: 11.027 min
Delta R.T.: -0.022 min
Response: 3429910147
Conc: 176.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
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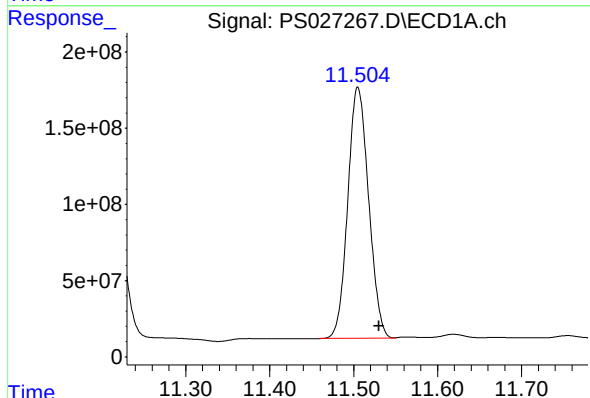
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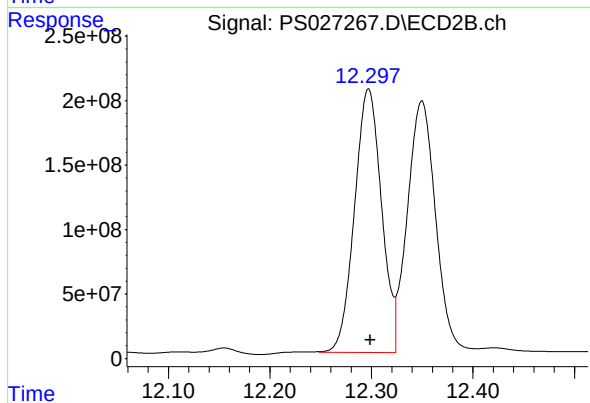
#15 Picloram

R.T.: 12.350 min
Delta R.T.: -0.003 min
Response: 3716018321
Conc: 158.93 ng/ml



#16 DCPA

R.T.: 11.504 min
Delta R.T.: -0.026 min
Response: 2840156085
Conc: 158.20 ng/ml m



#16 DCPA

R.T.: 12.297 min
Delta R.T.: -0.002 min
Response: 3776311163
Conc: 215.87 ng/ml m