

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101624\
 Data File : PS027962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 14:02
 Operator : AR\AJ
 Sample : P4368-03
 Misc : MDL 100PPB SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2024
 Supervised By :Ankita Jodhani 10/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 06:28:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 07 13:46:03 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 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	7.095	7.621	1318.2E6	415.0E6	489.245	417.660
Target Compounds							
1) T	Dalapon	2.539	2.600	349.8E6	190.1E6	77.951	114.138 #
2) T	3,5-DICHL...	6.287	6.592	410.1E6	115.1E6	103.239	84.184
3) T	4-Nitroph...	6.891	7.158	207.3E6	61867267	113.548m	91.143
5) T	DICAMBA	7.273	7.813	935.1E6	232.7E6	85.721	66.912
6) T	MCPD	7.448	7.913	38119081	23187039	5.126	8.425 #
7) T	MCPA	7.592	8.154	81963322	87271623	7.738	17.446 #
8) T	DICHLORPROP	7.959	8.519	294.4E6	95512367	102.888	96.776
9) T	2,4-D	8.183	8.846	386.7E6	96584438	114.964	96.365
10) T	Pentachlo...	8.468	9.357	3951.4E6	892.1E6	101.699	64.558m#
11) T	2,4,5-TP ...	9.034	9.734	1596.4E6	361.3E6	101.257	72.921 #
12) T	2,4,5-T	9.320	10.151	1659.3E6	316.0E6	102.600	73.398 #
13) T	2,4-DB	9.883	10.710	263.1E6	35168723	101.427m	69.456 #
14) T	DINOSEB	11.057	11.083	1081.6E6	242.5E6	102.586	71.799 #
15) T	Picloram	10.875	12.162	2205.0E6	225.6E6	102.429	54.004m#
16) T	DCPA	11.355	12.114	1892.8E6	389.2E6	106.574	81.080

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

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ALS Vial : 4 Sample Multiplier: 1

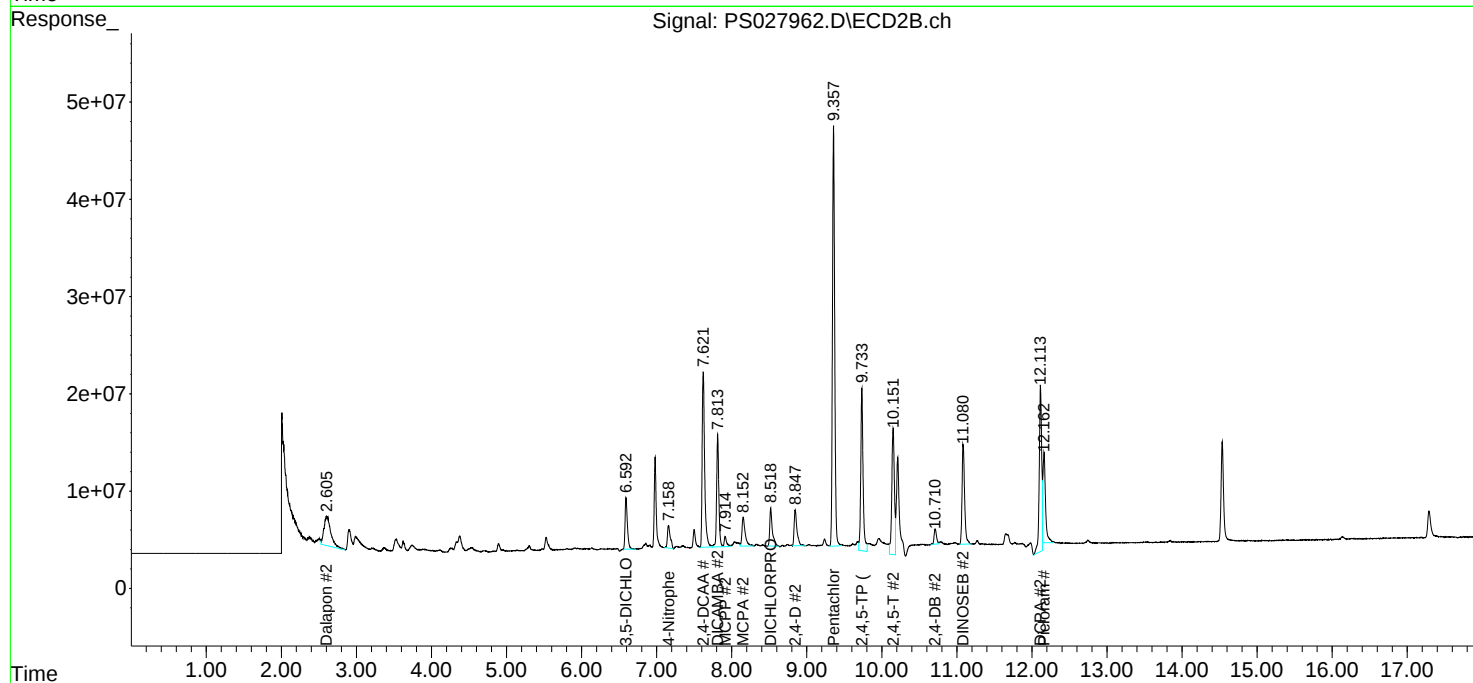
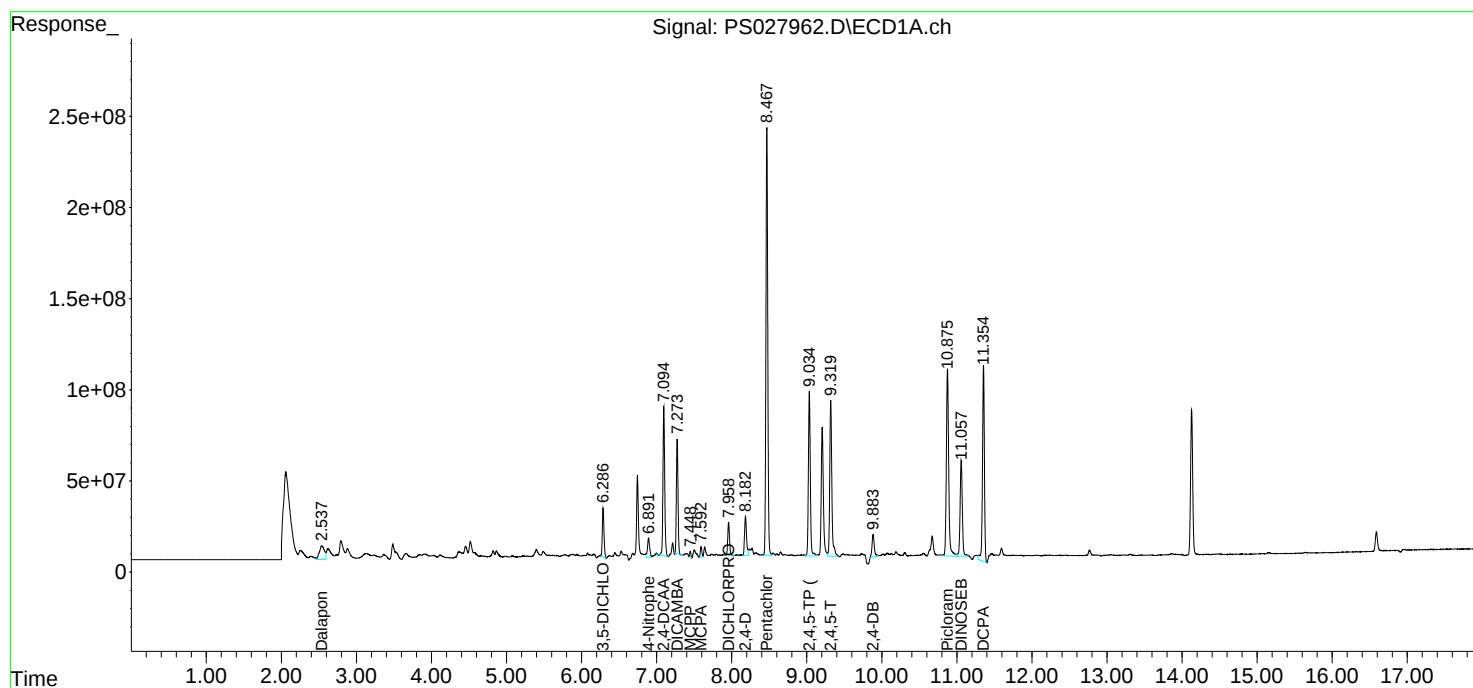
Instrument :
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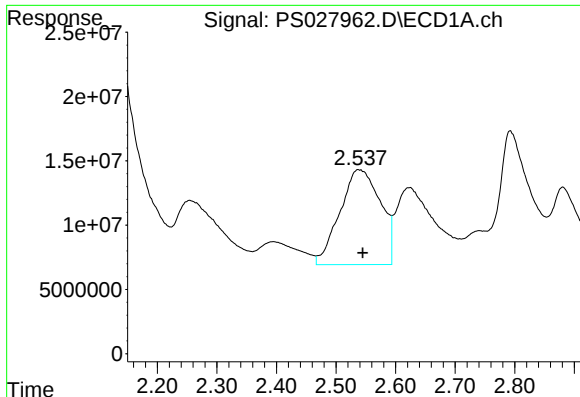
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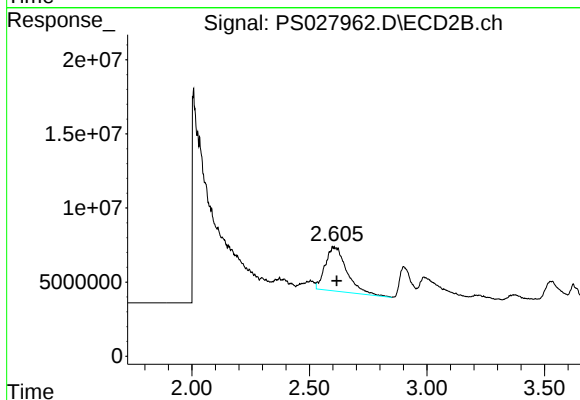
#1 Dalapon

R.T.: 2.539 min
Delta R.T.: -0.006 min
Response: 349836906
Conc: 77.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2024

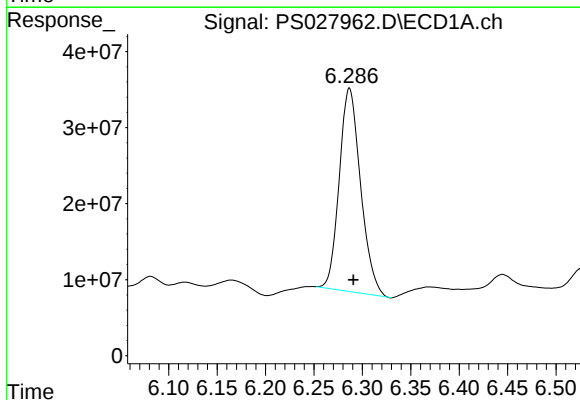
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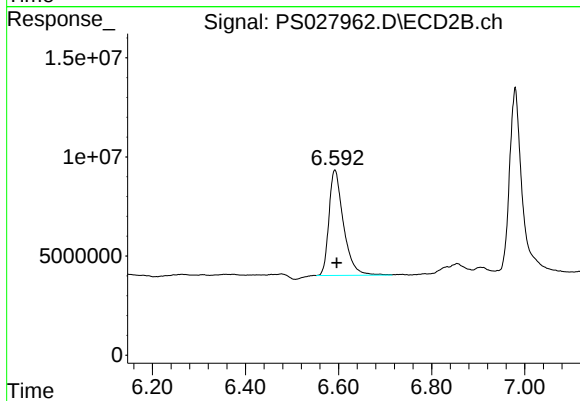
#1 Dalapon

R.T.: 2.600 min
Delta R.T.: -0.016 min
Response: 190117235
Conc: 114.14 ng/ml



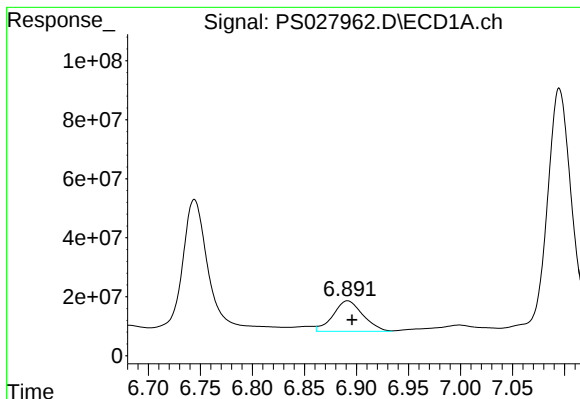
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.287 min
Delta R.T.: -0.004 min
Response: 410081516
Conc: 103.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.592 min
Delta R.T.: -0.004 min
Response: 115118250
Conc: 84.18 ng/ml



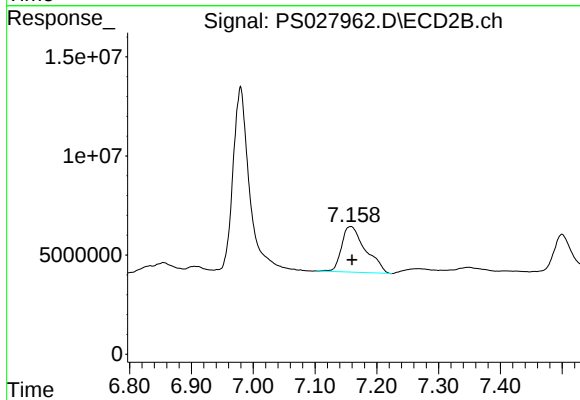
#3 4-Nitrophenol

R.T.: 6.891 min
Delta R.T.: -0.005 min
Response: 207323474
Conc: 113.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
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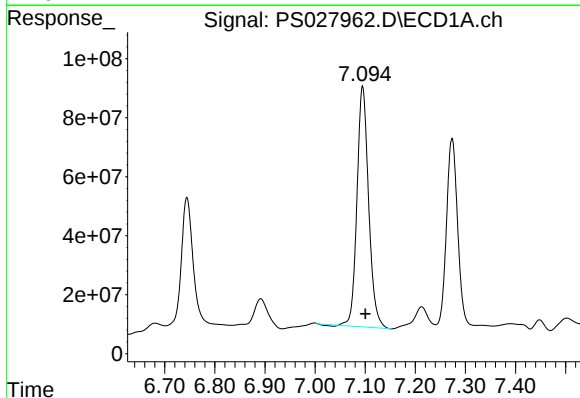
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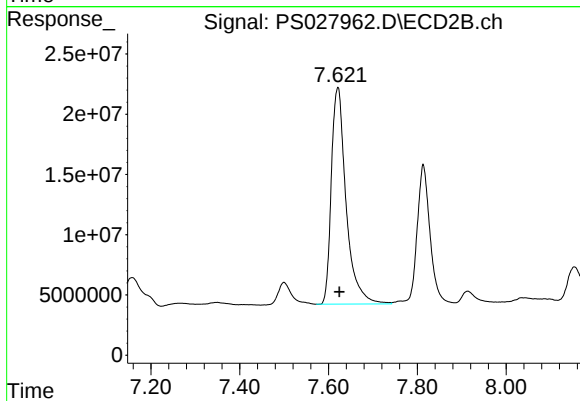
#3 4-Nitrophenol

R.T.: 7.158 min
Delta R.T.: -0.003 min
Response: 61867267
Conc: 91.14 ng/ml



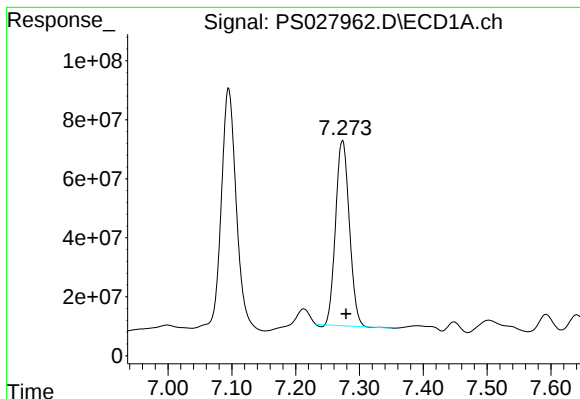
#4 2,4-DCAA

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 1318169028
Conc: 489.25 ng/ml



#4 2,4-DCAA

R.T.: 7.621 min
Delta R.T.: -0.004 min
Response: 415022425
Conc: 417.66 ng/ml



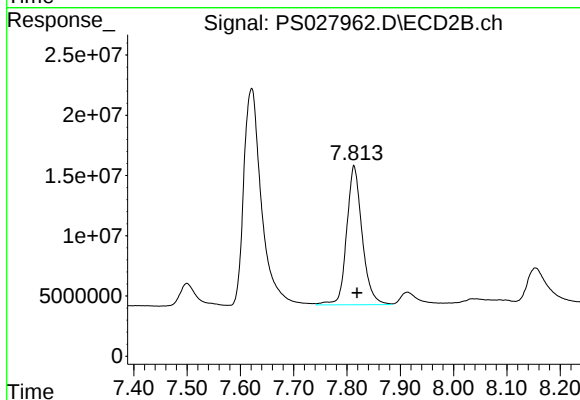
#5 DICAMBA

R.T.: 7.273 min
Delta R.T.: -0.006 min
Response: 935145247
Conc: 85.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2024

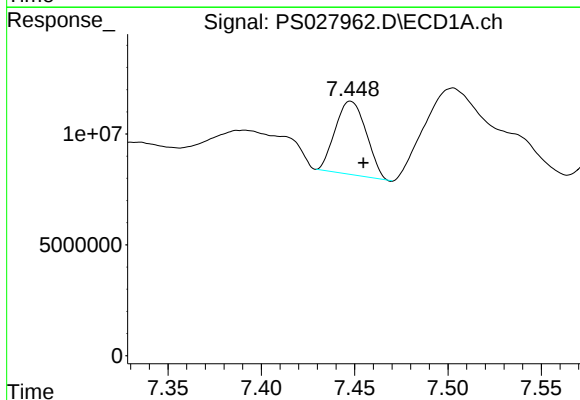
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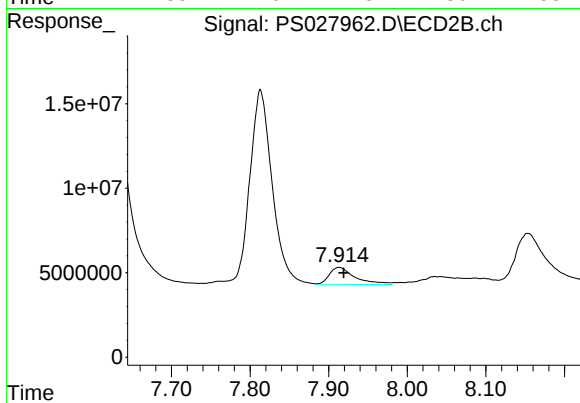
#5 DICAMBA

R.T.: 7.813 min
Delta R.T.: -0.005 min
Response: 232663989
Conc: 66.91 ng/ml



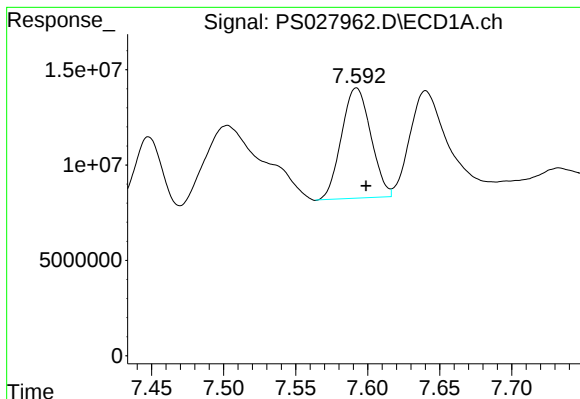
#6 MCP

R.T.: 7.448 min
Delta R.T.: -0.007 min
Response: 38119081
Conc: 5.13 ug/ml



#6 MCP

R.T.: 7.913 min
Delta R.T.: -0.006 min
Response: 23187039
Conc: 8.42 ug/ml



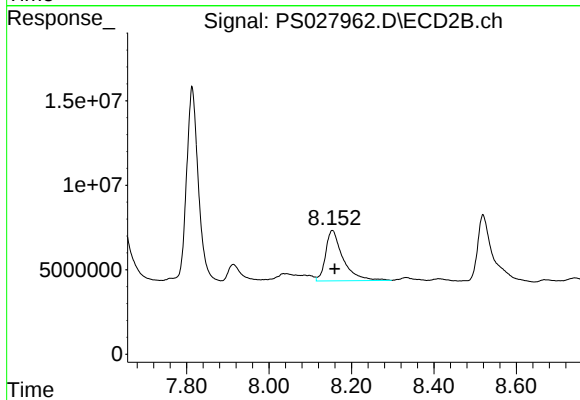
#7 MCPA

R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 81963322
Conc: 7.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2024

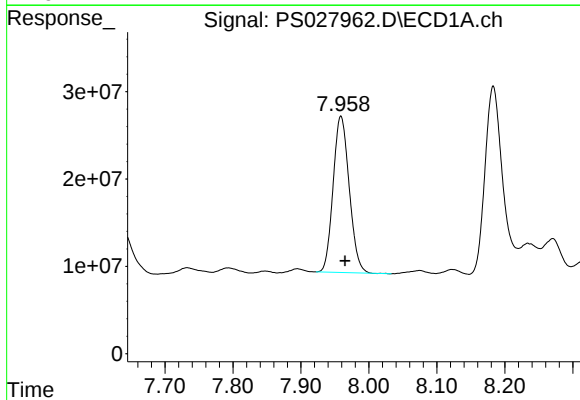
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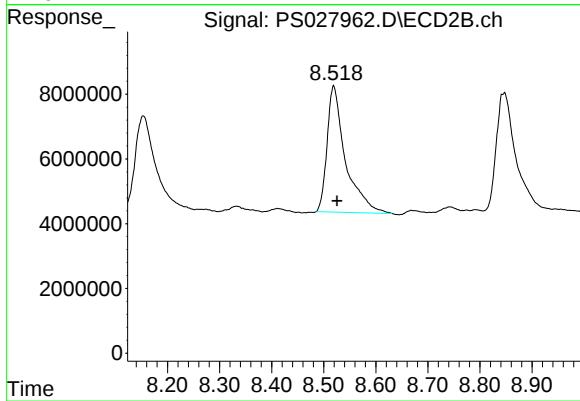
#7 MCPA

R.T.: 8.154 min
Delta R.T.: -0.006 min
Response: 87271623
Conc: 17.45 ug/ml



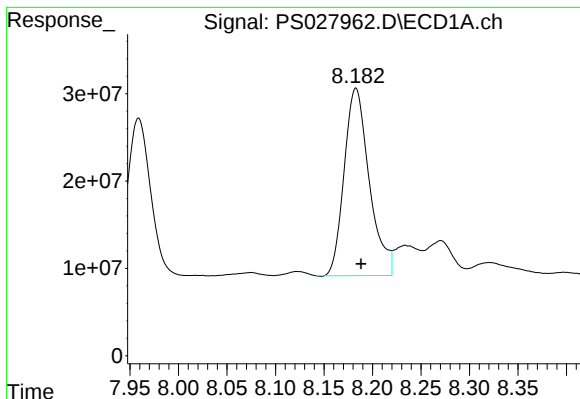
#8 DICHLORPROP

R.T.: 7.959 min
Delta R.T.: -0.006 min
Response: 294439473
Conc: 102.89 ng/ml



#8 DICHLORPROP

R.T.: 8.519 min
Delta R.T.: -0.007 min
Response: 95512367
Conc: 96.78 ng/ml



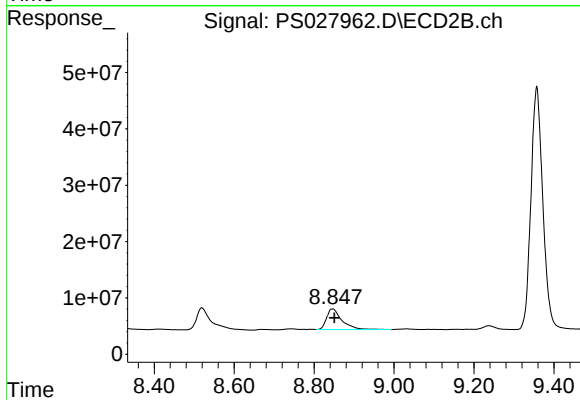
#9 2,4-D

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 386743554
Conc: 114.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2024

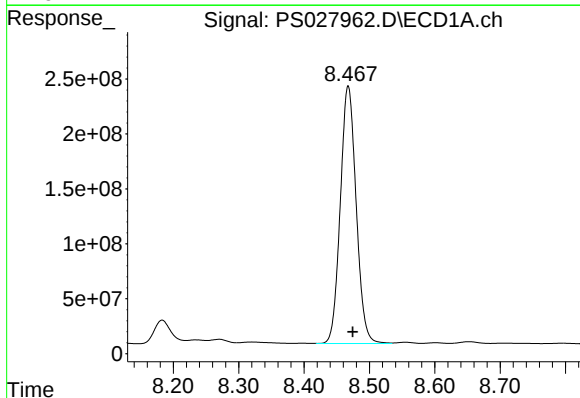
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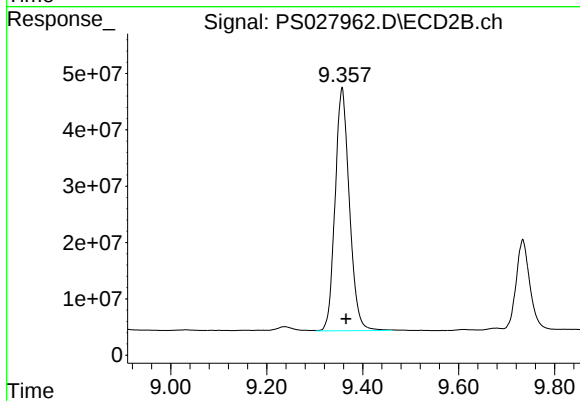
#9 2,4-D

R.T.: 8.846 min
Delta R.T.: -0.005 min
Response: 96584438
Conc: 96.36 ng/ml



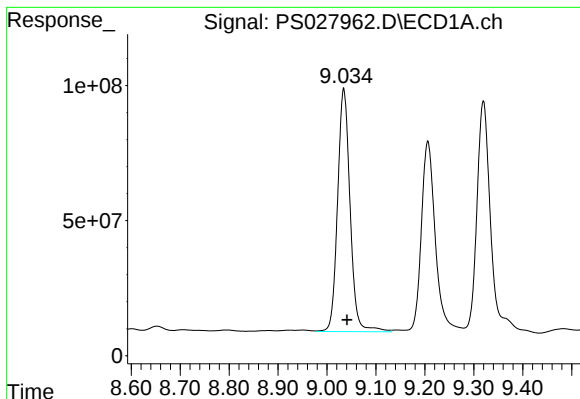
#10 Pentachlorophenol

R.T.: 8.468 min
Delta R.T.: -0.007 min
Response: 3951383717
Conc: 101.70 ng/ml



#10 Pentachlorophenol

R.T.: 9.357 min
Delta R.T.: -0.009 min
Response: 892123983
Conc: 64.56 ng/ml m



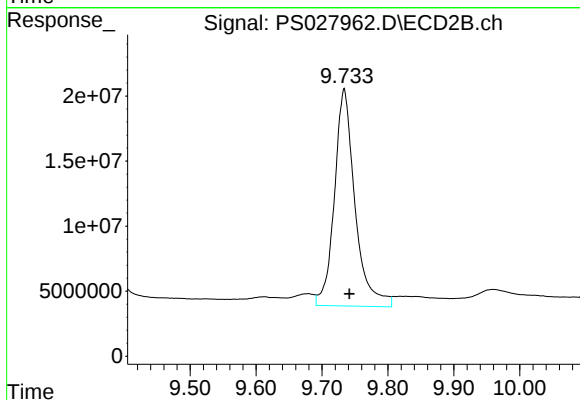
#11 2,4,5-TP (SILVEX)

R.T.: 9.034 min
Delta R.T.: -0.007 min
Response: 1596386714
Conc: 101.26 ng/ml

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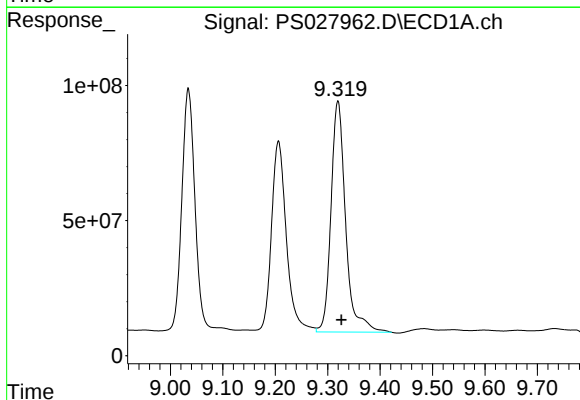
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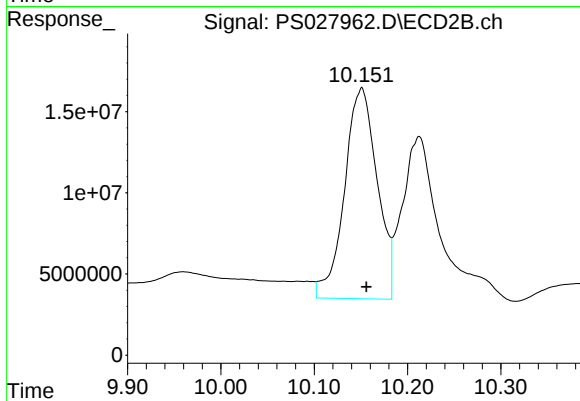
#11 2,4,5-TP (SILVEX)

R.T.: 9.734 min
Delta R.T.: -0.008 min
Response: 361270851
Conc: 72.92 ng/ml



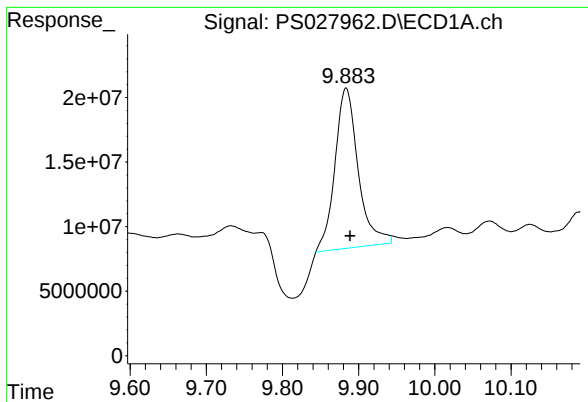
#12 2,4,5-T

R.T.: 9.320 min
Delta R.T.: -0.006 min
Response: 1659320125
Conc: 102.60 ng/ml



#12 2,4,5-T

R.T.: 10.151 min
Delta R.T.: -0.005 min
Response: 315994521
Conc: 73.40 ng/ml



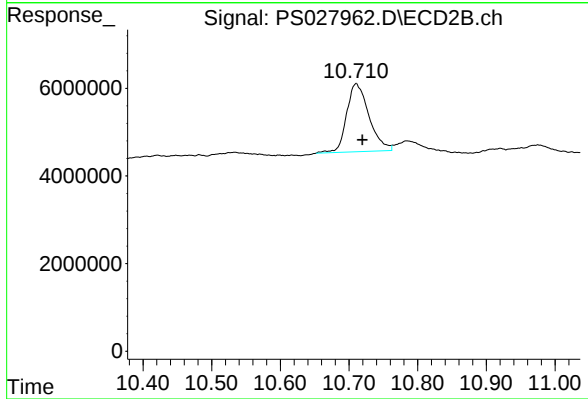
#13 2,4-DB

R.T.: 9.883 min
Delta R.T.: -0.006 min
Response: 263070158
Conc: 101.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2024

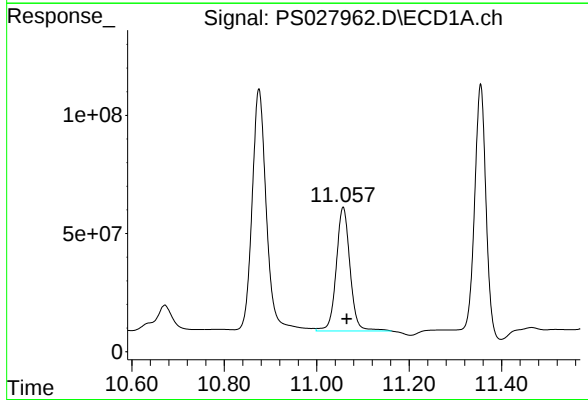
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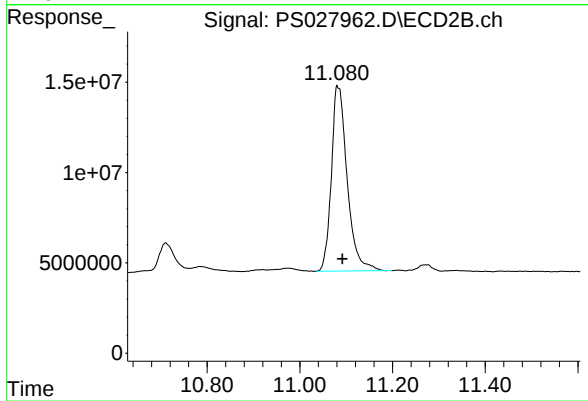
#13 2,4-DB

R.T.: 10.710 min
Delta R.T.: -0.009 min
Response: 35168723
Conc: 69.46 ng/ml



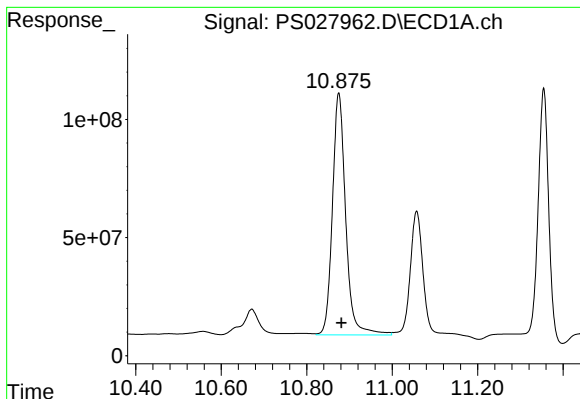
#14 DINOSEB

R.T.: 11.057 min
Delta R.T.: -0.008 min
Response: 1081565182
Conc: 102.59 ng/ml



#14 DINOSEB

R.T.: 11.083 min
Delta R.T.: -0.009 min
Response: 242541439
Conc: 71.80 ng/ml



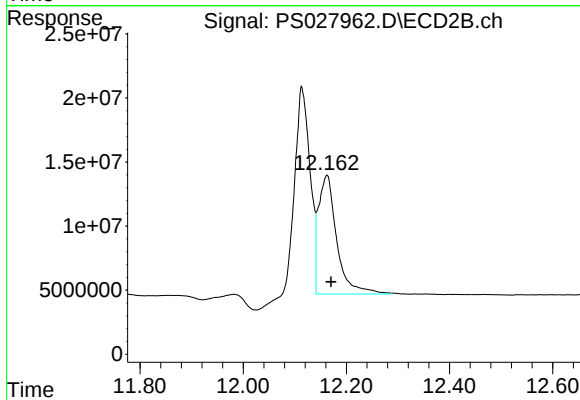
#15 Picloram

R.T.: 10.875 min
Delta R.T.: -0.007 min
Response: 2205026347
Conc: 102.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2024

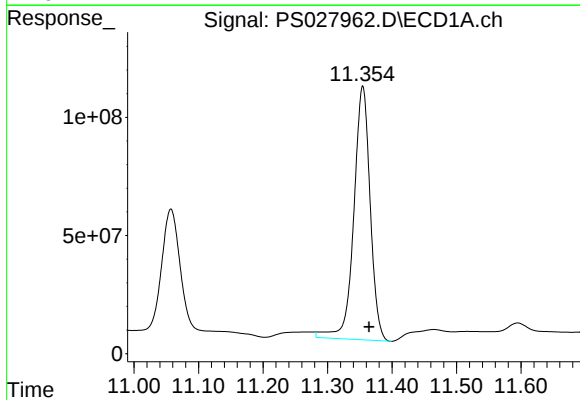
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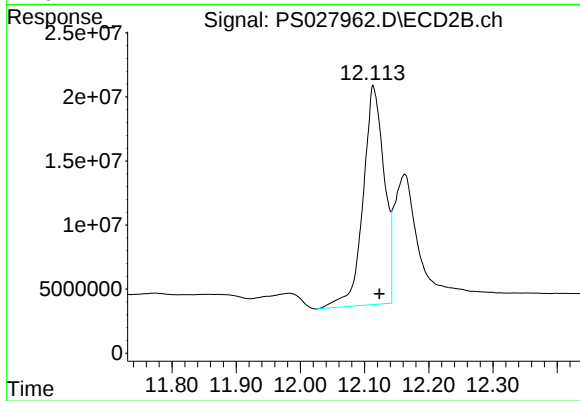
#15 Picloram

R.T.: 12.162 min
Delta R.T.: -0.009 min
Response: 225598650
Conc: 54.00 ng/ml m



#16 DCPA

R.T.: 11.355 min
Delta R.T.: -0.009 min
Response: 1892848240
Conc: 106.57 ng/ml



#16 DCPA

R.T.: 12.114 min
Delta R.T.: -0.009 min
Response: 389209458
Conc: 81.08 ng/ml