

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101524\
 Data File : PS027945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 14:16
 Operator : AR\AJ
 Sample : P4368-01
 Misc : LOD 150PPB WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/16/2024
 Supervised By : Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 06:06:10 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 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	7.097	7.620	1454.0E6	466.8E6	539.652	469.749
Target Compounds							
1) T	Dalapon	2.544	2.613	488.8E6	297.6E6	108.907	178.646 #
2) T	3,5-DICHL...	6.289	6.591	624.9E6	182.6E6	157.314	133.525
3) T	4-Nitroph...	6.893	7.158	321.8E6	90285954	176.270	133.010
5) T	DICAMBA	7.276	7.814	1507.1E6	364.1E6	138.148	104.720
6) T	MCPD	7.451	7.914	75856354	49491373	10.200	17.982 #
7) T	MCPA	7.595	8.154	133.8E6	113.4E6	12.633	22.667 #
8) T	DICHLORPROP	7.962	8.520	451.5E6	130.8E6	157.755	132.530
9) T	2,4-D	8.184	8.846	610.3E6	155.8E6	181.420m	155.413
10) T	Pentachlo...	8.470	9.358	6296.9E6	1563.5E6	162.066	113.139 #
11) T	2,4,5-TP ...	9.037	9.734	2468.5E6	611.6E6	156.572	123.446
12) T	2,4,5-T	9.322	10.150	2498.2E6	523.6E6	154.470	121.623
13) T	2,4-DB	9.885	10.710	374.9E6	63982794	144.558m	126.361
14) T	DINOSEB	11.060	11.085	1626.9E6	405.0E6	154.309	119.900
15) T	Picloram	10.878	12.160	2714.7E6	368.3E6	126.104	88.170 #
16) T	DCPA	11.358	12.115	2913.8E6	717.2E6	164.055	149.407

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

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ALS Vial : 6 Sample Multiplier: 1

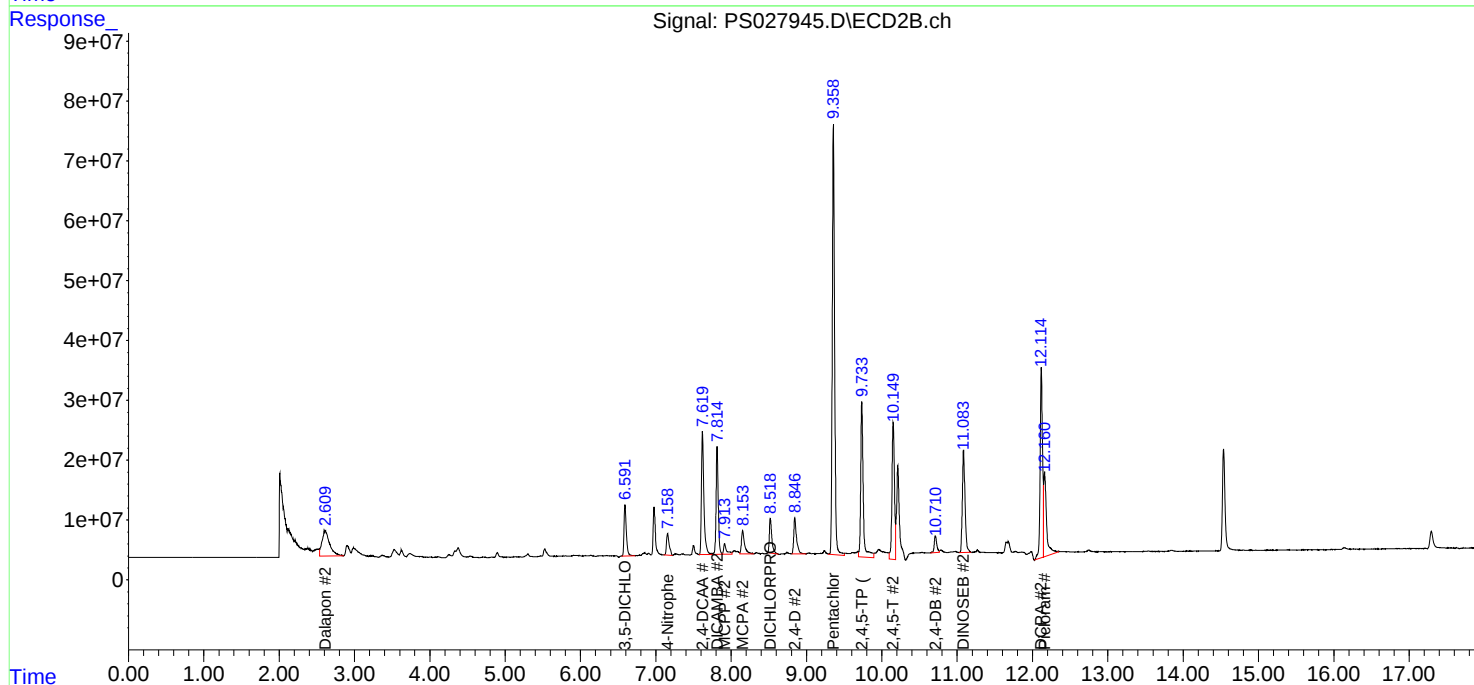
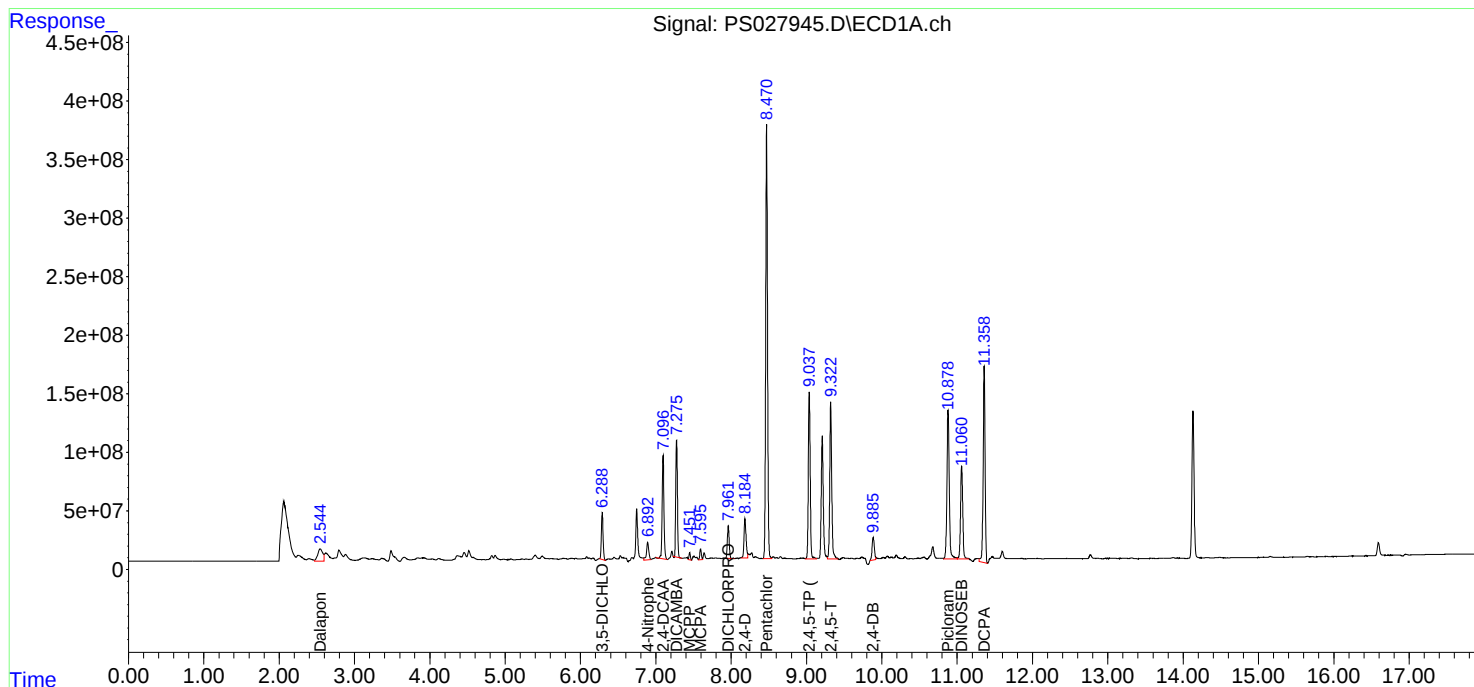
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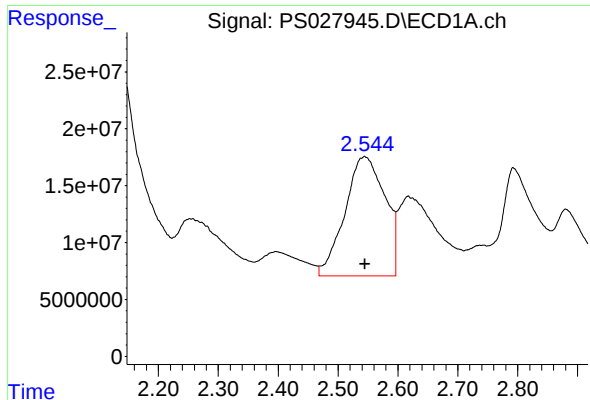
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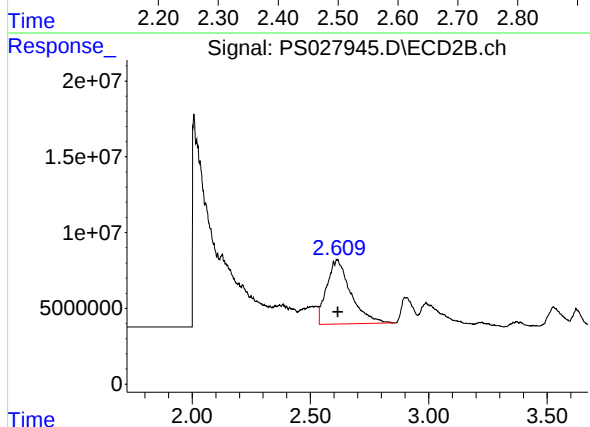
#1 Dalapon

R.T.: 2.544 min
Delta R.T.: 0.000 min
Response: 488763275
Conc: 108.91 ng/ml

Instrument :
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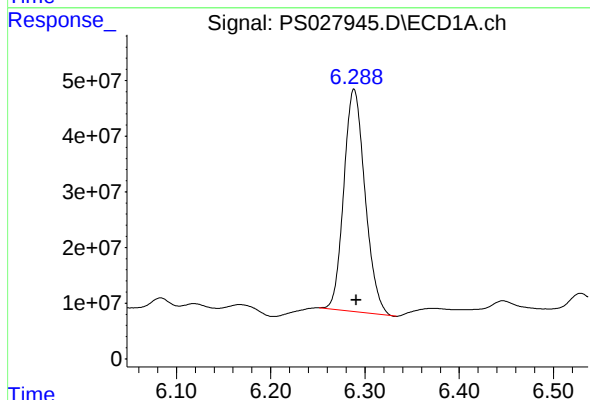
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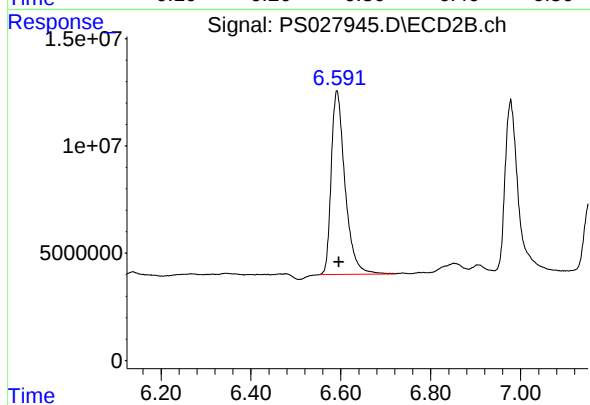
#1 Dalapon

R.T.: 2.613 min
Delta R.T.: -0.003 min
Response: 297566714
Conc: 178.65 ng/ml



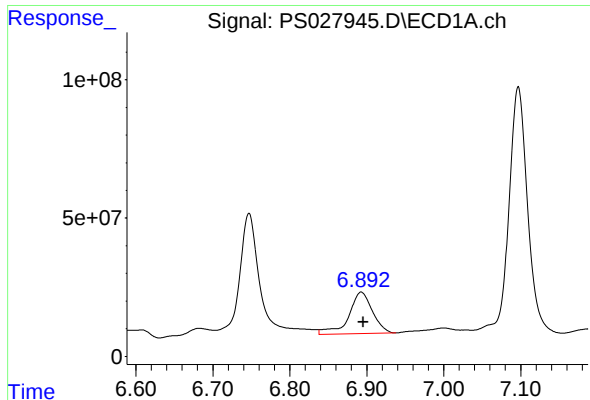
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.289 min
Delta R.T.: -0.002 min
Response: 624876499
Conc: 157.31 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 182589130
Conc: 133.52 ng/ml



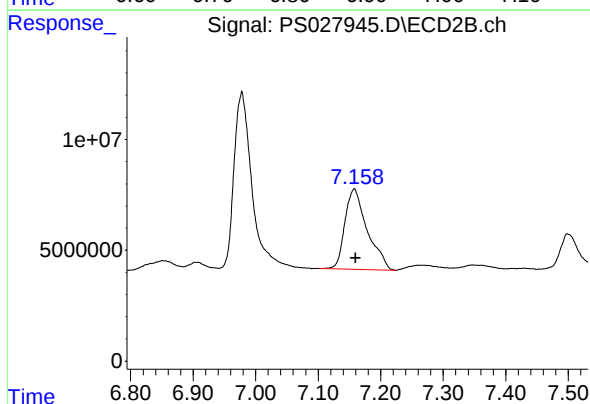
#3 4-Nitrophenol

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 321846004
Conc: 176.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
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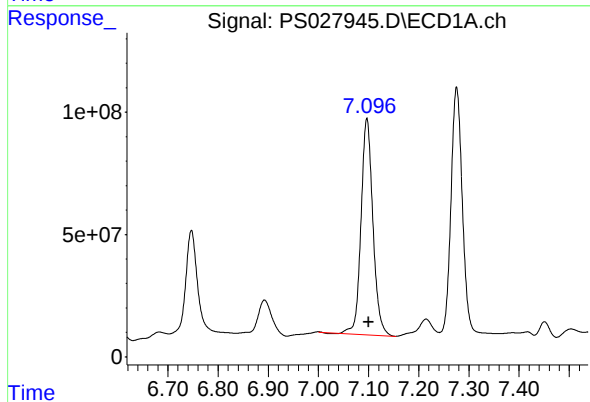
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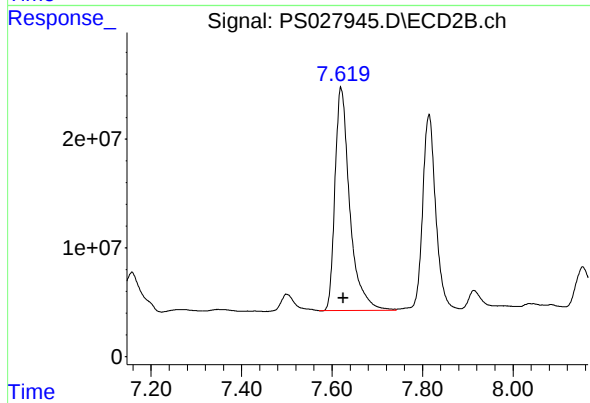
#3 4-Nitrophenol

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 90285954
Conc: 133.01 ng/ml



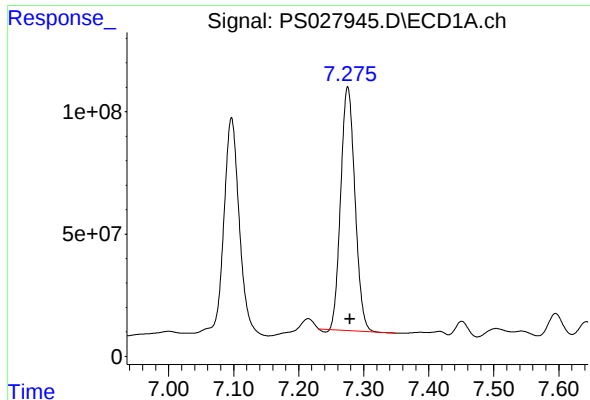
#4 2,4-DCAA

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 1453981177
Conc: 539.65 ng/ml



#4 2,4-DCAA

R.T.: 7.620 min
Delta R.T.: -0.005 min
Response: 466783187
Conc: 469.75 ng/ml



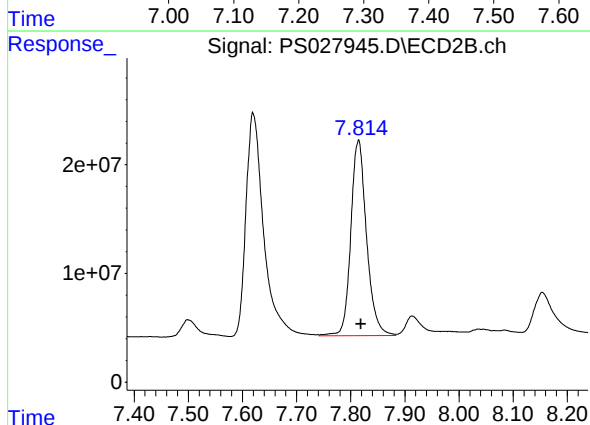
#5 DICAMBA

R.T.: 7.276 min
Delta R.T.: -0.003 min
Response: 1507081979
Conc: 138.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

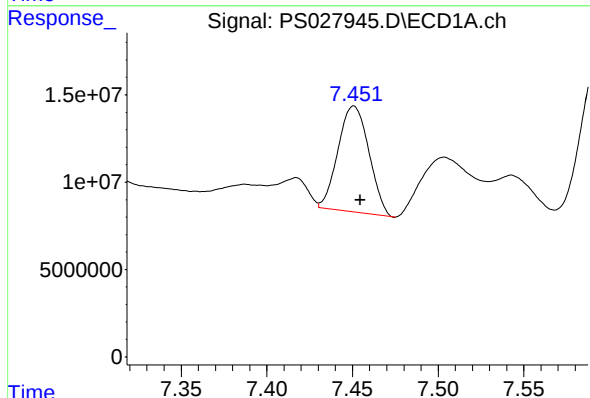
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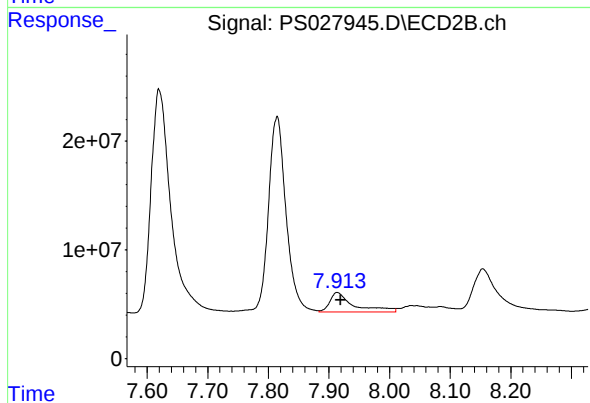
#5 DICAMBA

R.T.: 7.814 min
Delta R.T.: -0.005 min
Response: 364130890
Conc: 104.72 ng/ml



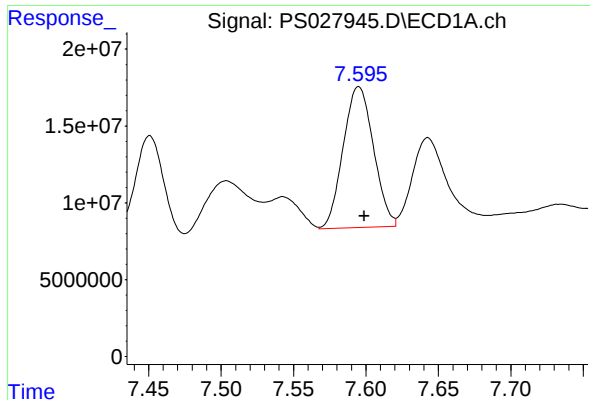
#6 MCPP

R.T.: 7.451 min
Delta R.T.: -0.004 min
Response: 75856354
Conc: 10.20 ug/ml



#6 MCPP

R.T.: 7.914 min
Delta R.T.: -0.005 min
Response: 49491373
Conc: 17.98 ug/ml



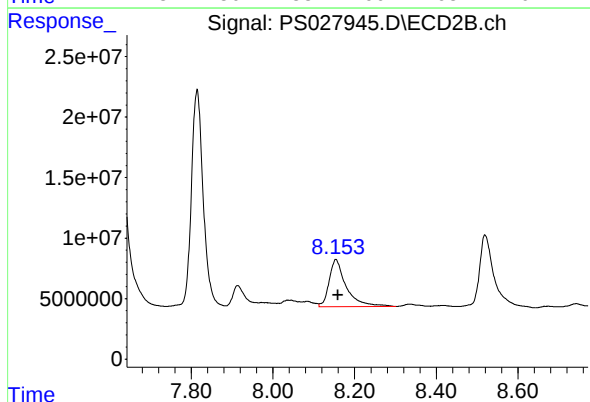
#7 MCPA

R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 133800114
Conc: 12.63 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

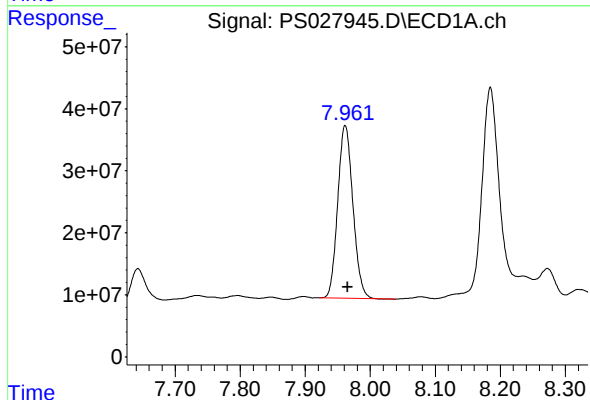
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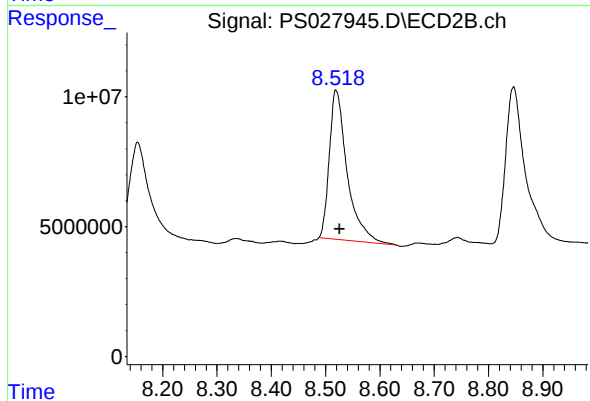
#7 MCPA

R.T.: 8.154 min
Delta R.T.: -0.005 min
Response: 113390222
Conc: 22.67 ug/ml



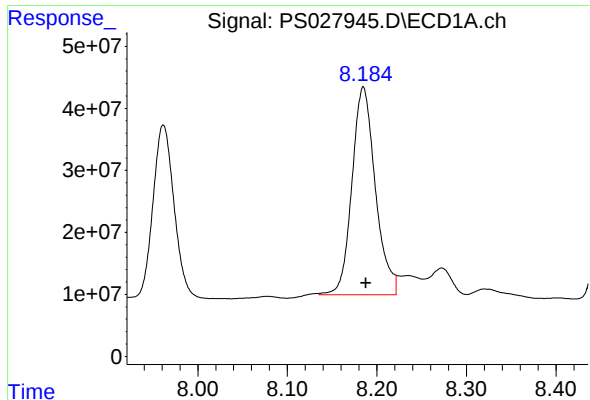
#8 DICHLORPROP

R.T.: 7.962 min
Delta R.T.: -0.003 min
Response: 451454666
Conc: 157.75 ng/ml



#8 DICHLORPROP

R.T.: 8.520 min
Delta R.T.: -0.006 min
Response: 130800167
Conc: 132.53 ng/ml



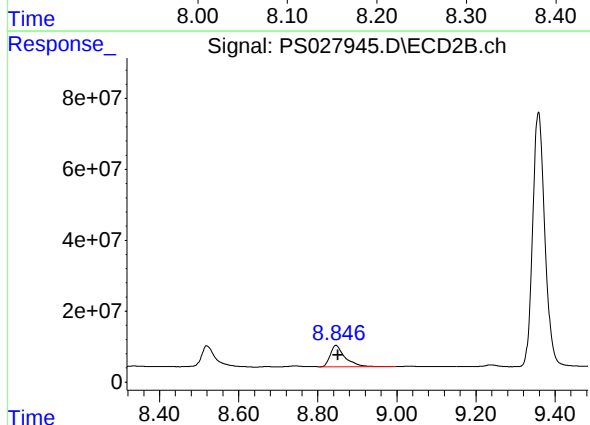
#9 2,4-D

R.T.: 8.184 min
Delta R.T.: -0.004 min
Response: 610303289
Conc: 181.42 ng/ml

Instrument :
ECD_S
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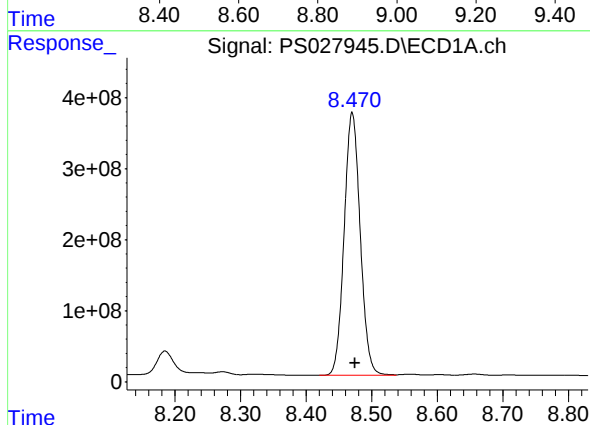
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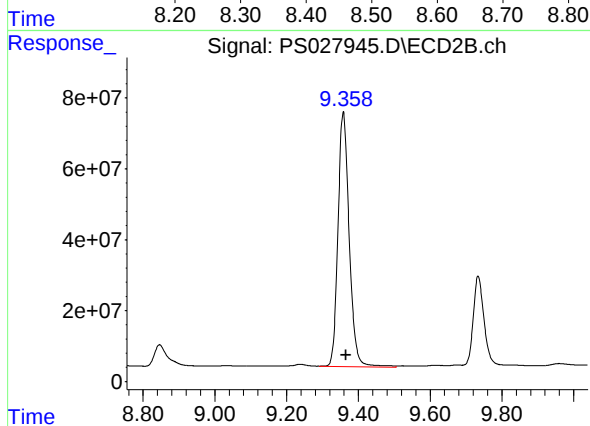
#9 2,4-D

R.T.: 8.846 min
Delta R.T.: -0.005 min
Response: 155766831
Conc: 155.41 ng/ml



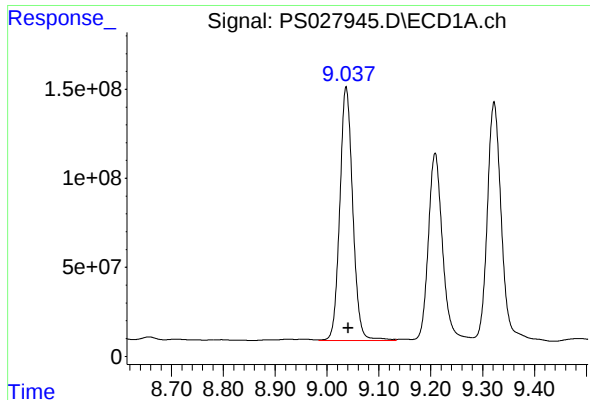
#10 Pentachlorophenol

R.T.: 8.470 min
Delta R.T.: -0.004 min
Response: 6296880835
Conc: 162.07 ng/ml



#10 Pentachlorophenol

R.T.: 9.358 min
Delta R.T.: -0.008 min
Response: 1563463584
Conc: 113.14 ng/ml



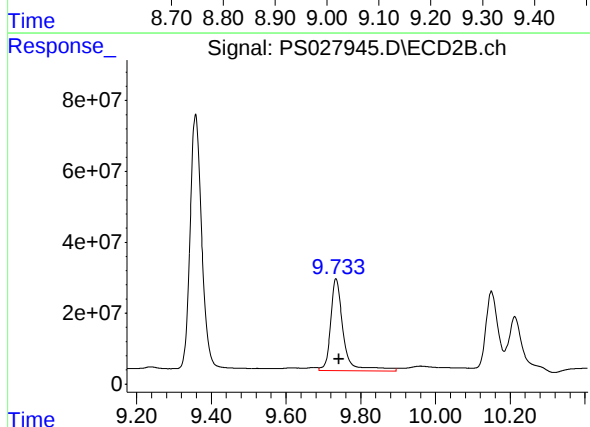
#11 2,4,5-TP (SILVEX)

R.T.: 9.037 min
Delta R.T.: -0.004 min
Response: 2468480488
Conc: 156.57 ng/ml

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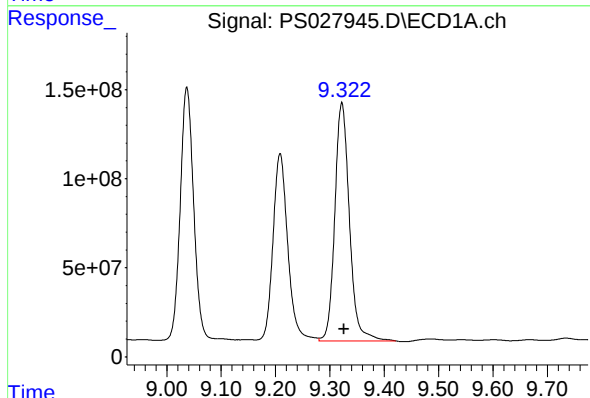
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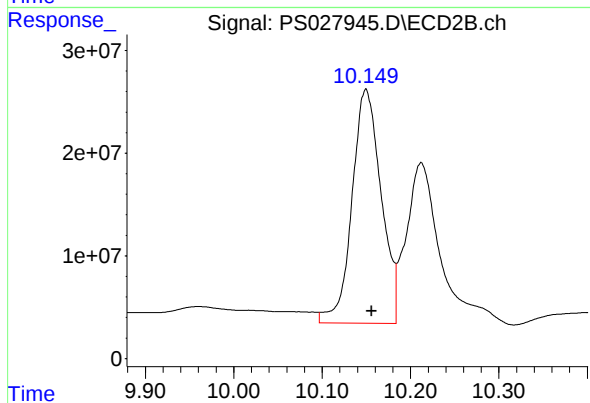
#11 2,4,5-TP (SILVEX)

R.T.: 9.734 min
Delta R.T.: -0.008 min
Response: 611584179
Conc: 123.45 ng/ml



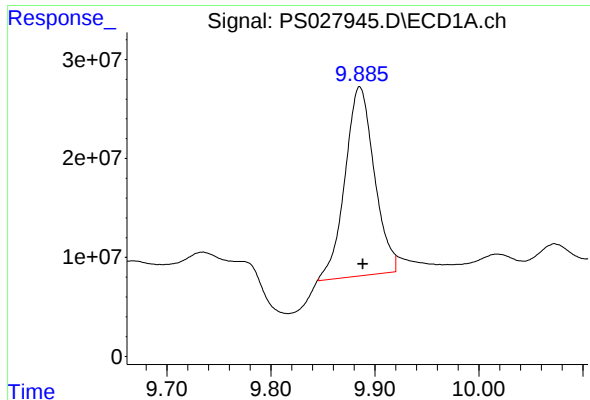
#12 2,4,5-T

R.T.: 9.322 min
Delta R.T.: -0.004 min
Response: 2498191955
Conc: 154.47 ng/ml



#12 2,4,5-T

R.T.: 10.150 min
Delta R.T.: -0.007 min
Response: 523616869
Conc: 121.62 ng/ml



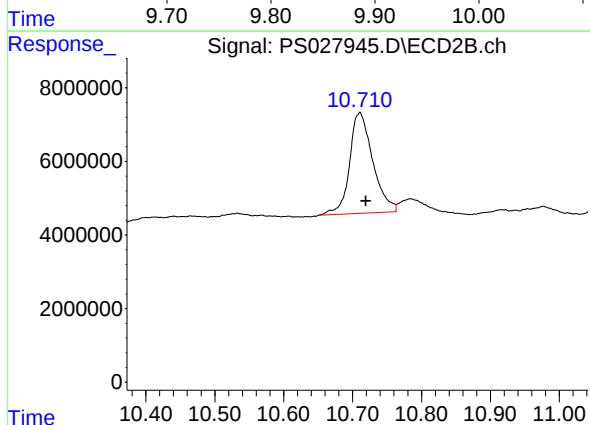
#13 2,4-DB

R.T.: 9.885 min
Delta R.T.: -0.004 min
Response: 374937436
Conc: 144.56 ng/ml

Instrument :
ECD_S
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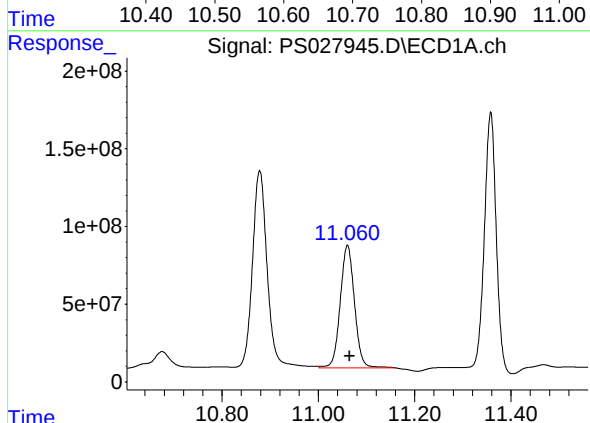
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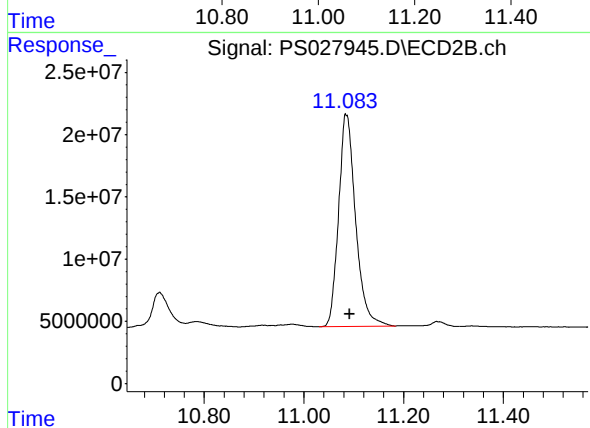
#13 2,4-DB

R.T.: 10.710 min
Delta R.T.: -0.009 min
Response: 63982794
Conc: 126.36 ng/ml



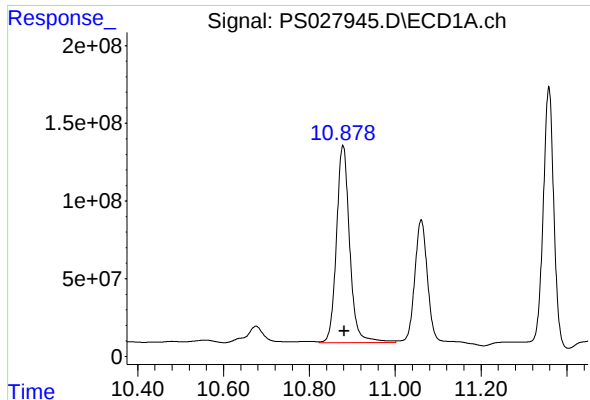
#14 DINOSEB

R.T.: 11.060 min
Delta R.T.: -0.005 min
Response: 1626878498
Conc: 154.31 ng/ml



#14 DINOSEB

R.T.: 11.085 min
Delta R.T.: -0.007 min
Response: 405028211
Conc: 119.90 ng/ml



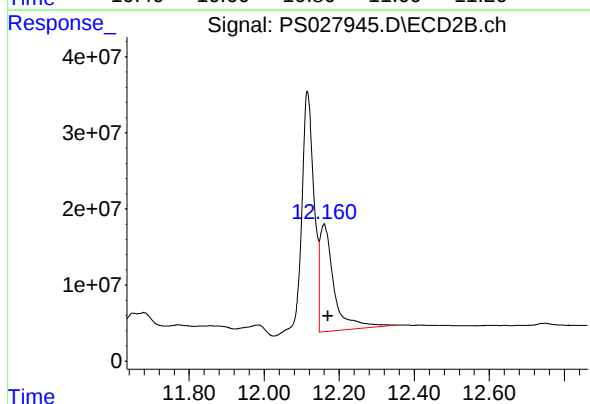
#15 Picloram

R.T.: 10.878 min
Delta R.T.: -0.003 min
Response: 2714684064
Conc: 126.10 ng/ml

Instrument :
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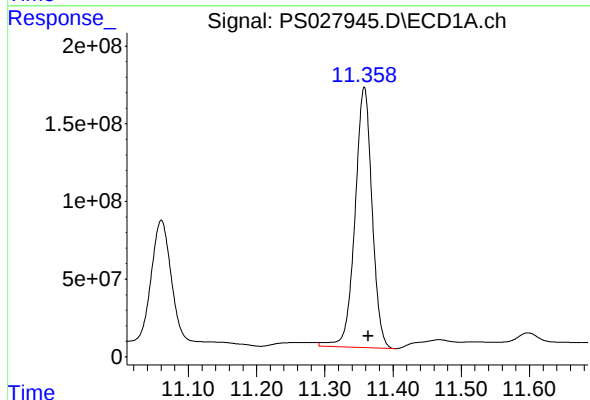
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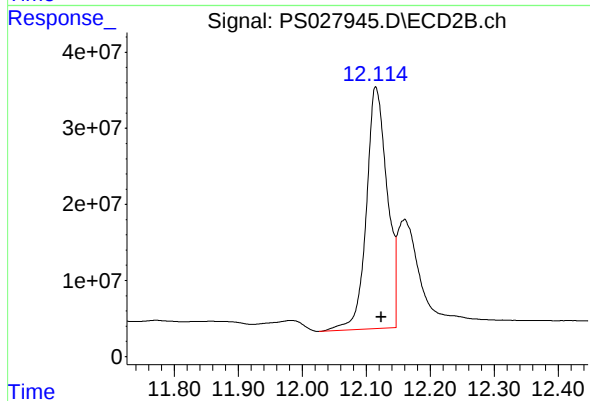
#15 Picloram

R.T.: 12.160 min
Delta R.T.: -0.011 min
Response: 368322711
Conc: 88.17 ng/ml



#16 DCPA

R.T.: 11.358 min
Delta R.T.: -0.006 min
Response: 2913761797
Conc: 164.06 ng/ml



#16 DCPA

R.T.: 12.115 min
Delta R.T.: -0.008 min
Response: 717199882
Conc: 149.41 ng/ml