

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101524\
 Data File : PS027948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 16:05
 Operator : AR\AJ
 Sample : P4368-02
 Misc : LOQ 200PPB SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOQ-SOIL-02-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 02:43:23 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	7.095	7.623	1392.8E6	444.7E6	516.942	447.568
Target Compounds							
1) T	Dalapon	2.544	2.615	622.9E6	359.6E6	138.789	215.874 #
2) T	3,5-DICHL...	6.287	6.595	773.1E6	216.7E6	194.623	158.458
3) T	4-Nitroph...	6.891	7.160	377.9E6	109.7E6	206.992	161.587
5) T	DICAMBA	7.274	7.817	1919.3E6	460.2E6	175.935	132.353
6) T	MCP	7.449	7.917	103.9E6	46088682	13.976	16.746
7) T	MCPA	7.593	8.156	178.4E6	125.6E6	16.845	25.106 #
8) T	DICHLORPROP	7.959	8.523	569.6E6	158.8E6	199.027	160.857
9) T	2,4-D	8.182	8.848	706.6E6	199.6E6	210.039	199.165
10) T	Pentachlo...	8.468	9.360	7914.2E6	1949.4E6	203.692	141.066 #
11) T	2,4,5-TP ...	9.034	9.736	3150.4E6	788.3E6	199.825	159.119
12) T	2,4,5-T	9.319	10.153	3137.1E6	635.1E6	193.975	147.529
13) T	2,4-DB	9.882	10.712	440.4E6	85859260	169.812m	169.565
14) T	DINOSEB	11.057	11.086	2067.2E6	524.1E6	196.072	155.155
15) T	Picloram	10.874	12.164	3447.4E6	388.6E6	160.139	93.016m#
16) T	DCPA	11.355	12.119	3611.8E6	797.6E6	203.359	166.163m

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

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Operator : AR\AJ
Sample : P4368-02
Misc : LOQ 200PPB SOIL
ALS Vial : 9 Sample Multiplier: 1

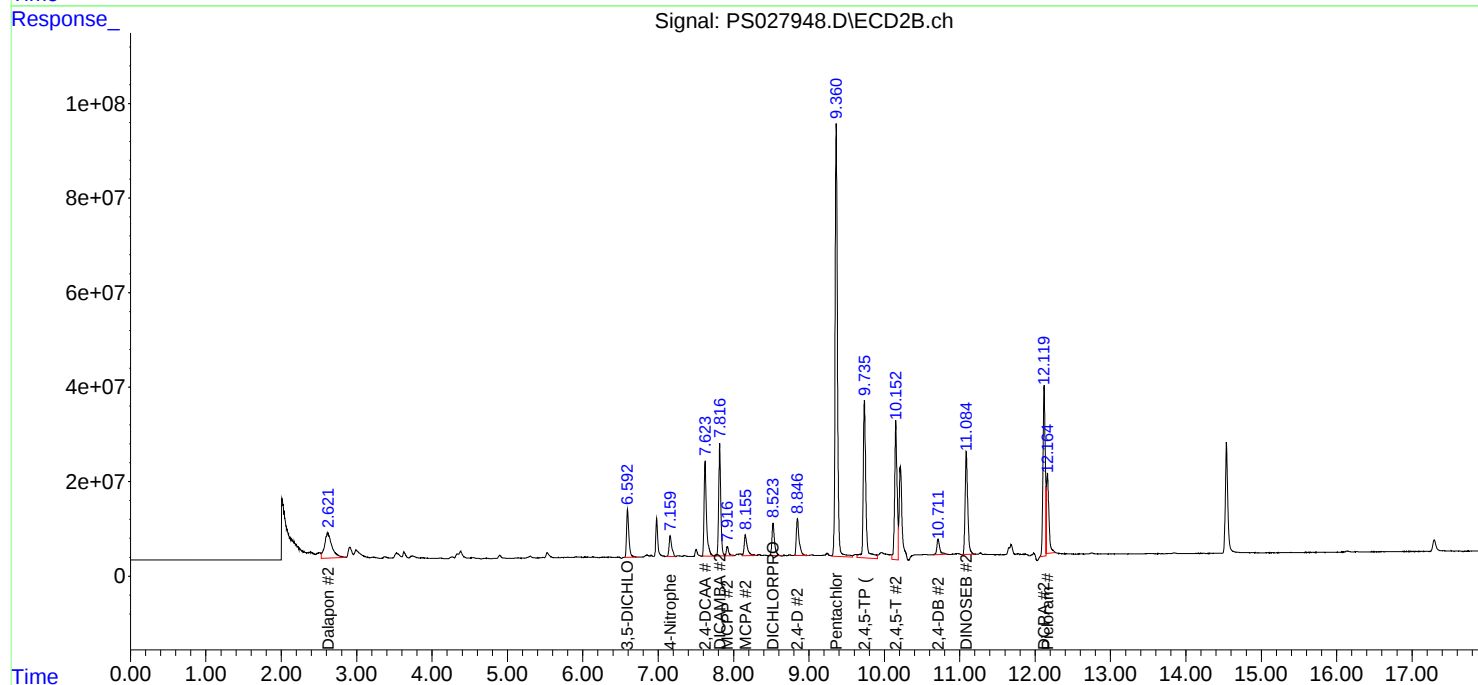
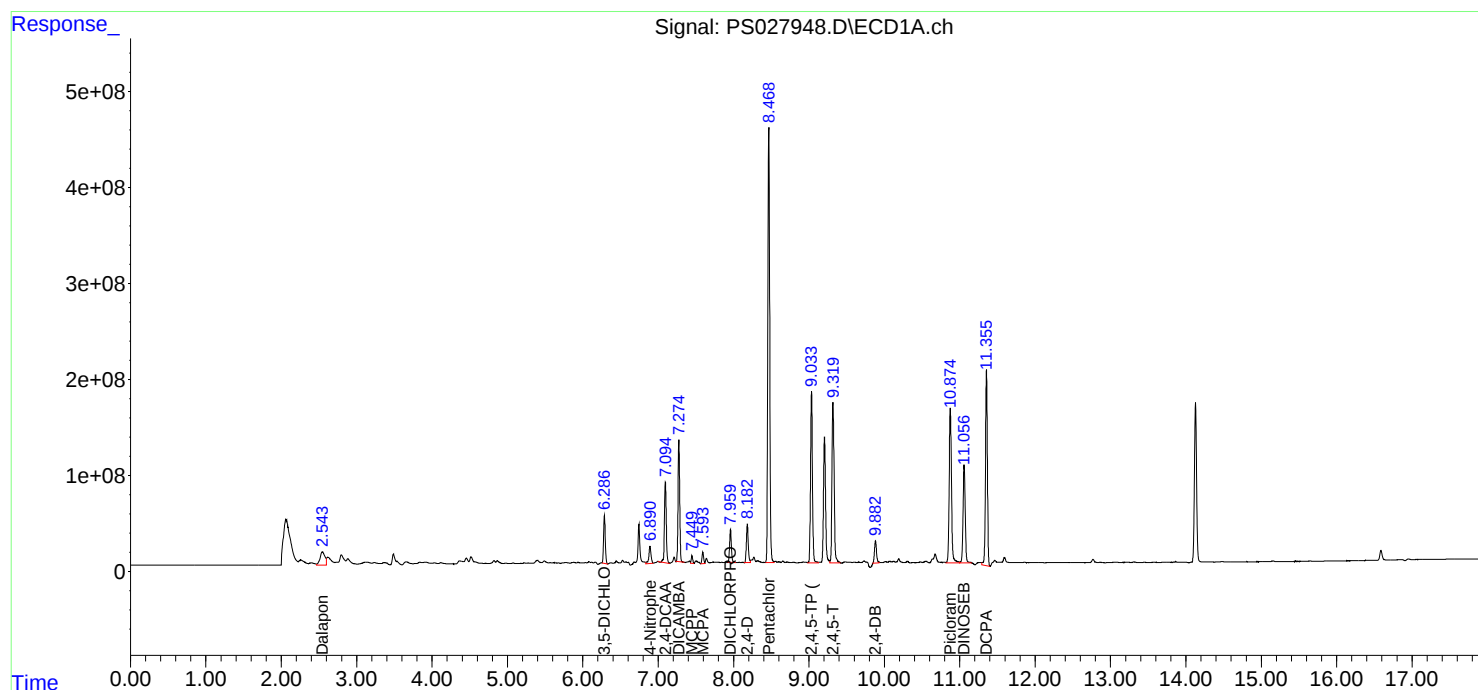
Instrument :
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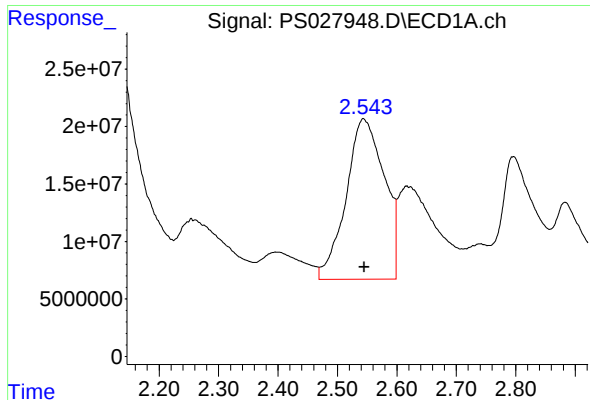
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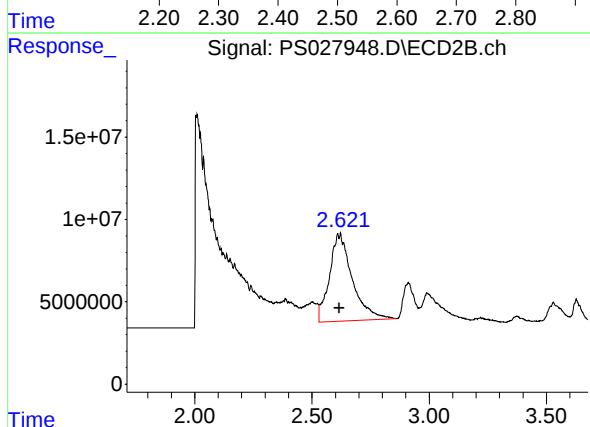
#1 Dalapon

R.T.: 2.544 min
Delta R.T.: -0.001 min
Response: 622873087
Conc: 138.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
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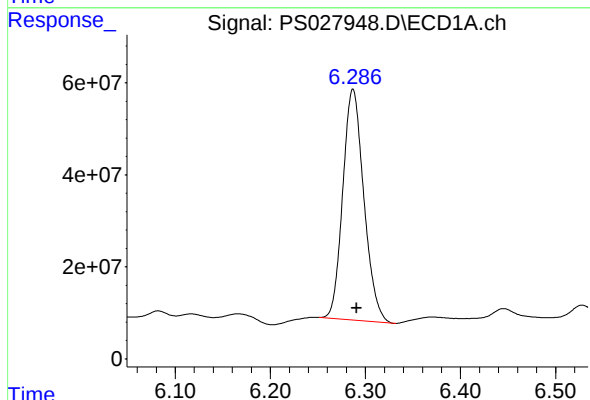
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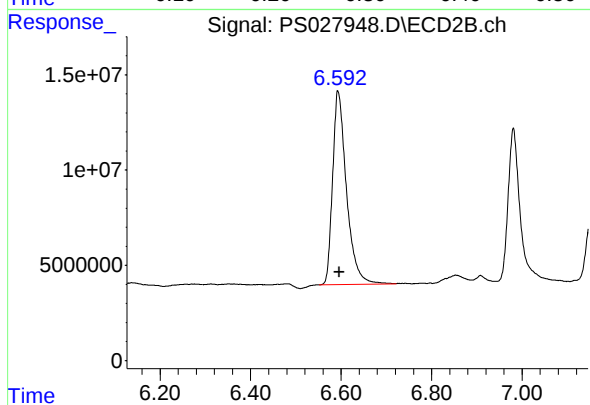
#1 Dalapon

R.T.: 2.615 min
Delta R.T.: 0.000 min
Response: 359576543
Conc: 215.87 ng/ml



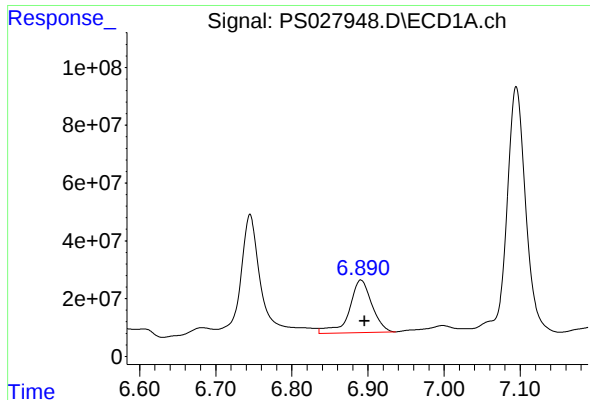
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.287 min
Delta R.T.: -0.004 min
Response: 773074963
Conc: 194.62 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 216684353
Conc: 158.46 ng/ml



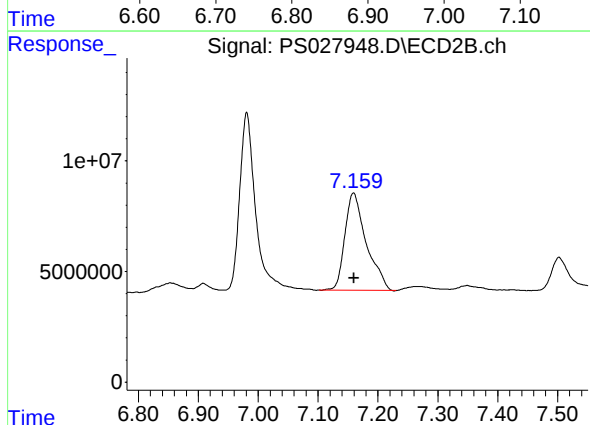
#3 4-Nitrophenol

R.T.: 6.891 min
Delta R.T.: -0.005 min
Response: 377940646
Conc: 206.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
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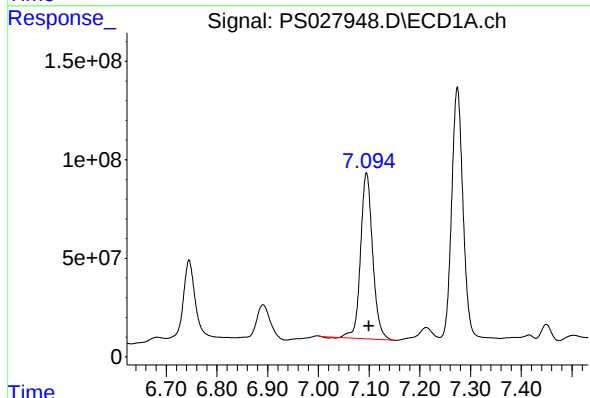
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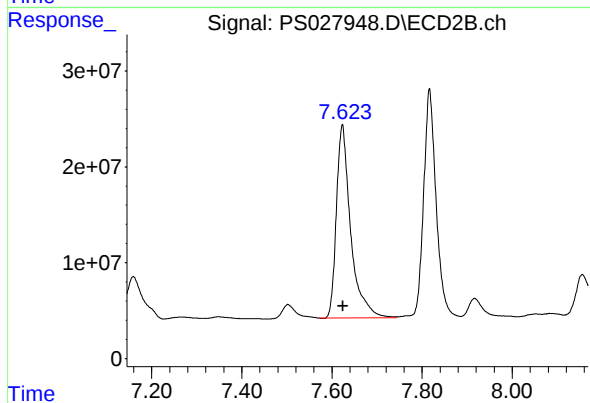
#3 4-Nitrophenol

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 109684205
Conc: 161.59 ng/ml



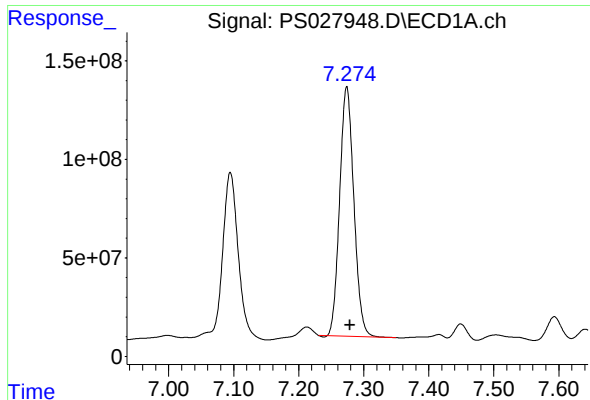
#4 2,4-DCAA

R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 1392792702
Conc: 516.94 ng/ml



#4 2,4-DCAA

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 444742004
Conc: 447.57 ng/ml



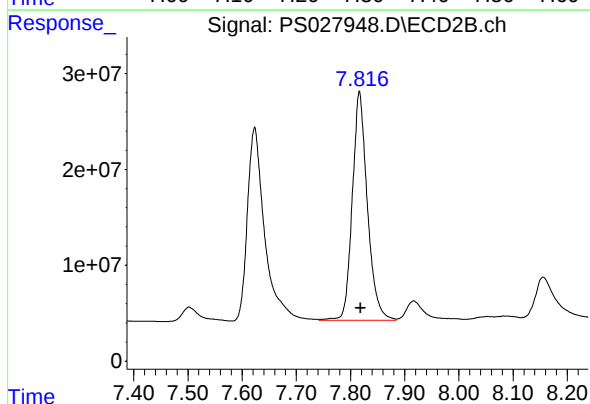
#5 DICAMBA

R.T.: 7.274 min
Delta R.T.: -0.005 min
Response: 1919300656
Conc: 175.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
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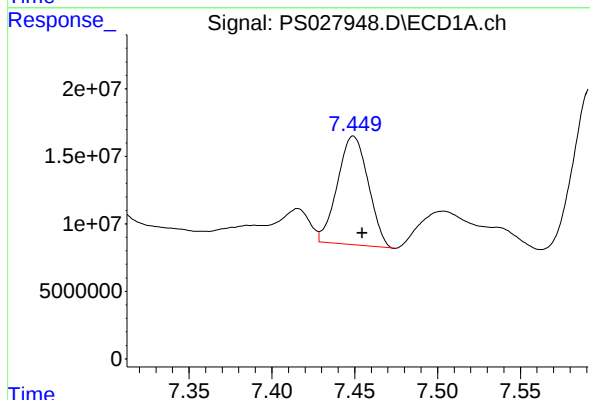
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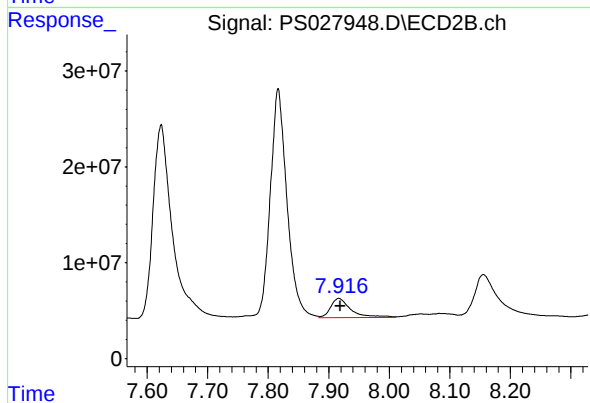
#5 DICAMBA

R.T.: 7.817 min
Delta R.T.: -0.002 min
Response: 460212966
Conc: 132.35 ng/ml



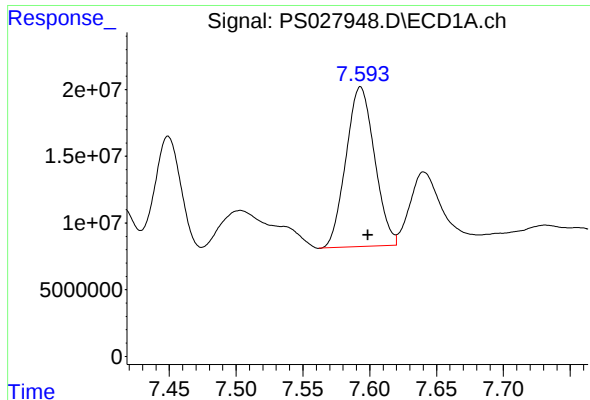
#6 MCPP

R.T.: 7.449 min
Delta R.T.: -0.005 min
Response: 103938185
Conc: 13.98 ug/ml



#6 MCPP

R.T.: 7.917 min
Delta R.T.: -0.002 min
Response: 46088682
Conc: 16.75 ug/ml



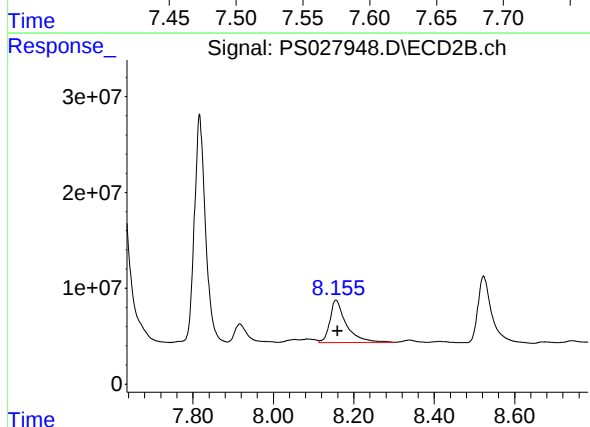
#7 MCPA

R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 178416049
Conc: 16.84 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOQ-SOIL-02-QT4-2024

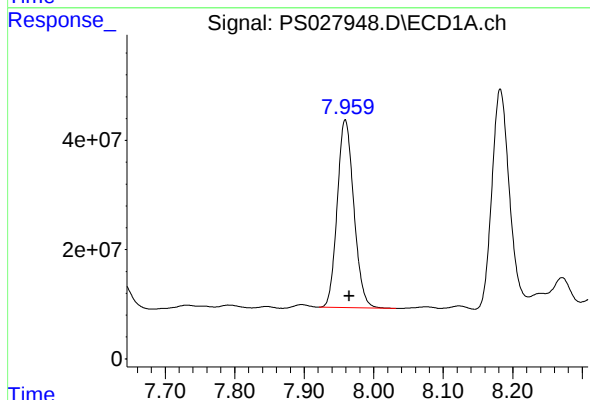
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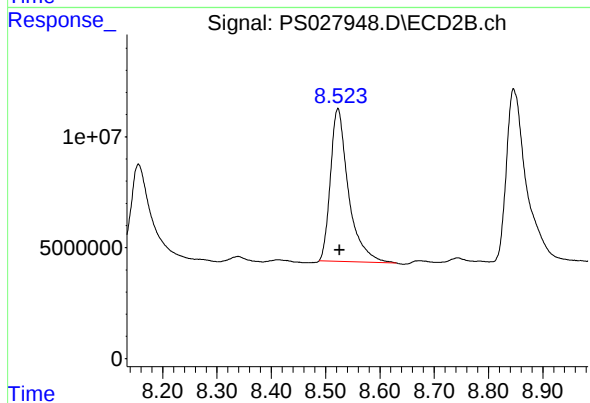
#7 MCPA

R.T.: 8.156 min
Delta R.T.: -0.003 min
Response: 125588078
Conc: 25.11 ug/ml



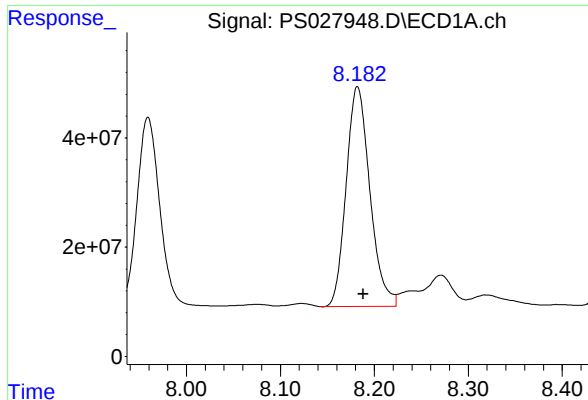
#8 DICHLORPROP

R.T.: 7.959 min
Delta R.T.: -0.006 min
Response: 569565383
Conc: 199.03 ng/ml



#8 DICHLORPROP

R.T.: 8.523 min
Delta R.T.: -0.003 min
Response: 158757352
Conc: 160.86 ng/ml



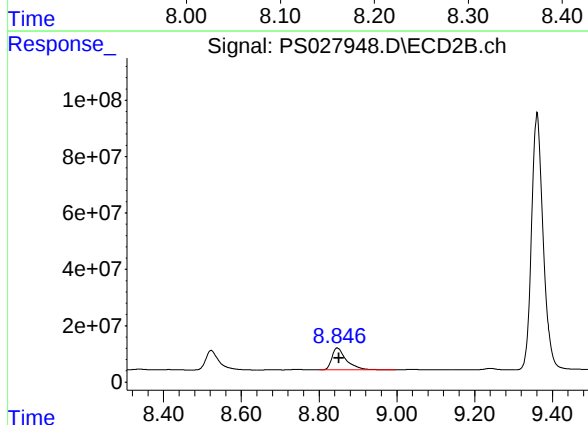
#9 2,4-D

R.T.: 8.182 min
Delta R.T.: -0.006 min
Response: 706579653
Conc: 210.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
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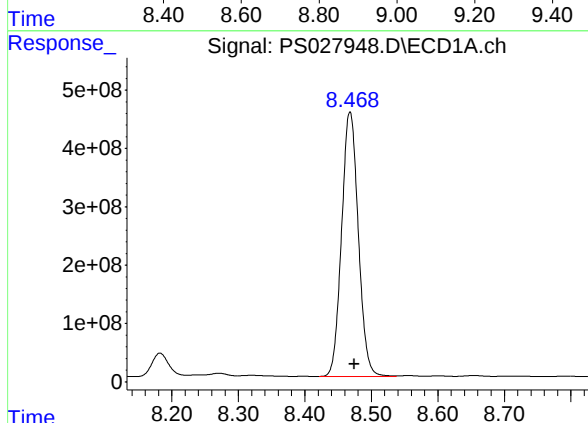
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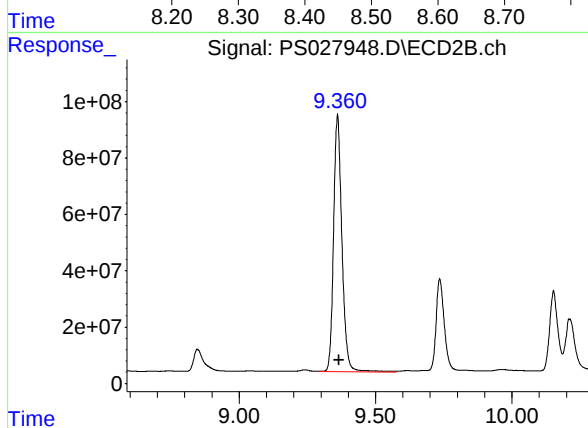
#9 2,4-D

R.T.: 8.848 min
Delta R.T.: -0.004 min
Response: 199618669
Conc: 199.17 ng/ml



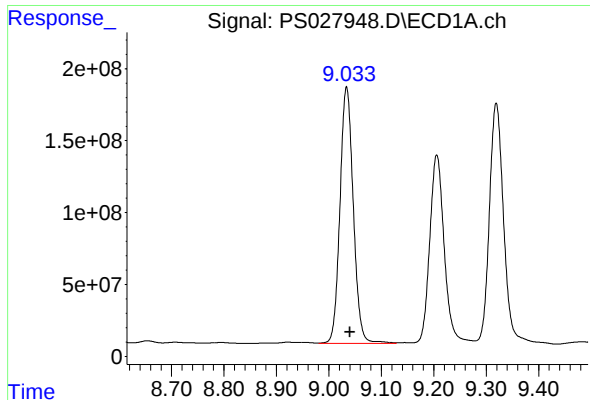
#10 Pentachlorophenol

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 7914198096
Conc: 203.69 ng/ml



#10 Pentachlorophenol

R.T.: 9.360 min
Delta R.T.: -0.005 min
Response: 1949380632
Conc: 141.07 ng/ml



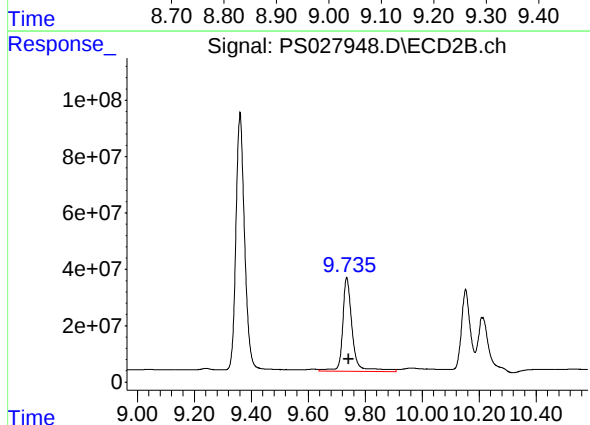
#11 2,4,5-TP (SILVEX)

R.T.: 9.034 min
Delta R.T.: -0.007 min
Response: 3150389901
Conc: 199.82 ng/ml

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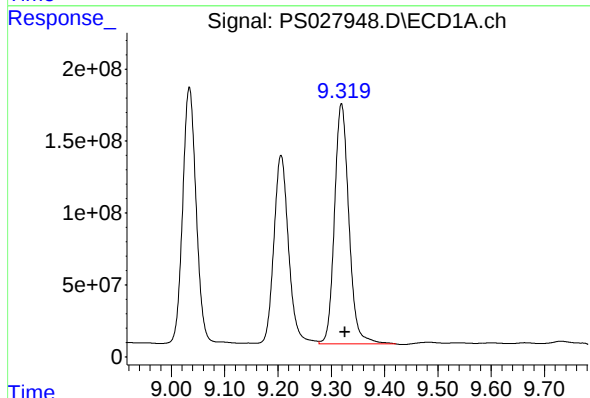
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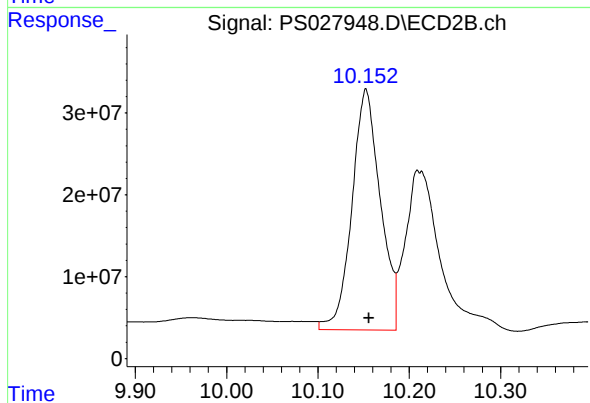
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: -0.006 min
Response: 788319227
Conc: 159.12 ng/ml



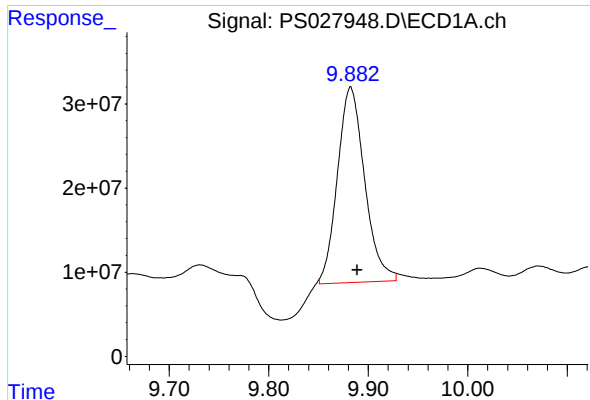
#12 2,4,5-T

R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 3137086810
Conc: 193.97 ng/ml



#12 2,4,5-T

R.T.: 10.153 min
Delta R.T.: -0.004 min
Response: 635149018
Conc: 147.53 ng/ml



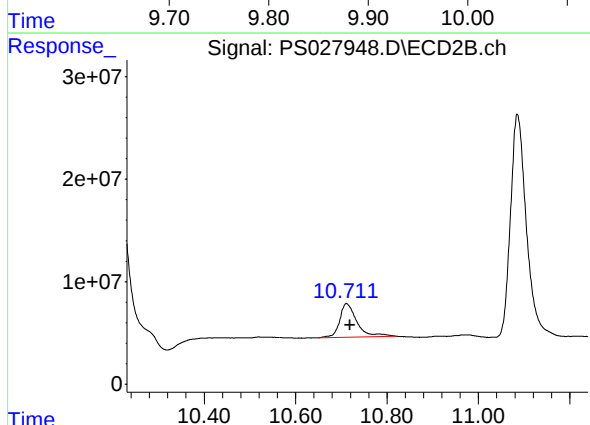
#13 2,4-DB

R.T.: 9.882 min
Delta R.T.: -0.007 min
Response: 440437396
Conc: 169.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
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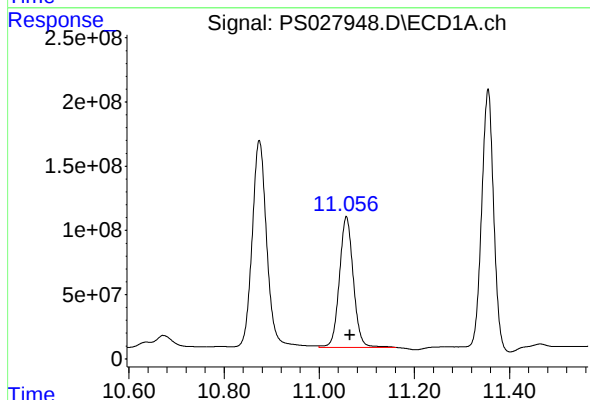
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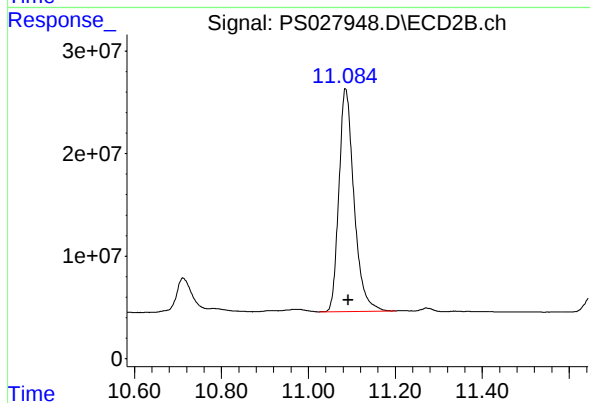
#13 2,4-DB

R.T.: 10.712 min
Delta R.T.: -0.007 min
Response: 85859260
Conc: 169.57 ng/ml



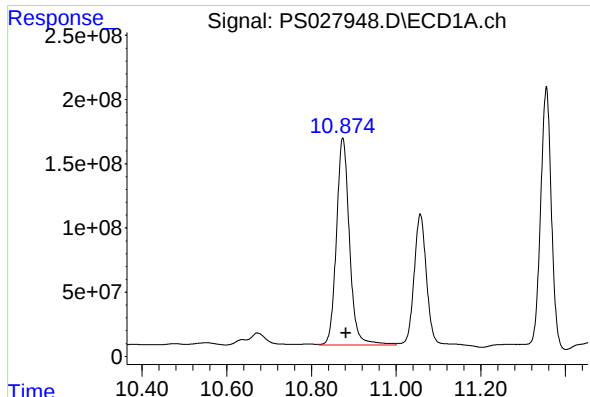
#14 DINOSEB

R.T.: 11.057 min
Delta R.T.: -0.008 min
Response: 2067191429
Conc: 196.07 ng/ml



#14 DINOSEB

R.T.: 11.086 min
Delta R.T.: -0.006 min
Response: 524121350
Conc: 155.16 ng/ml



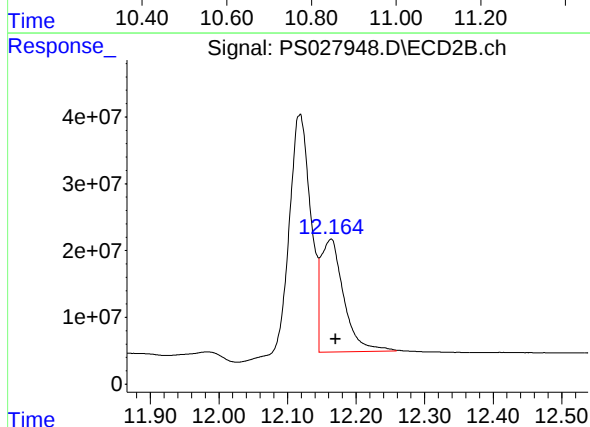
#15 Picloram

R.T.: 10.874 min
Delta R.T.: -0.008 min
Response: 3447373966
Conc: 160.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
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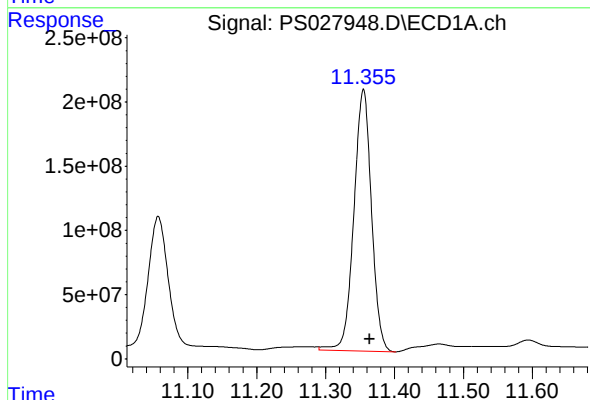
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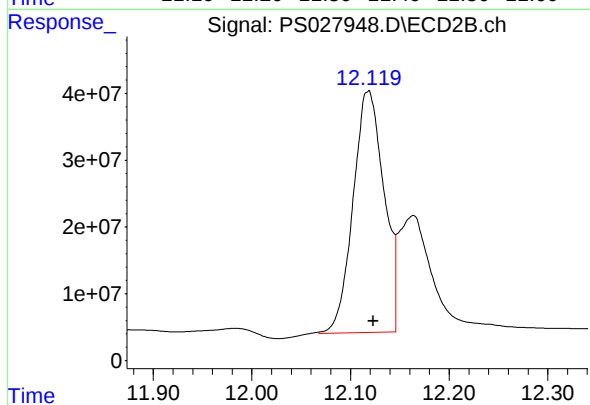
#15 Picloram

R.T.: 12.164 min
Delta R.T.: -0.007 min
Response: 388567930
Conc: 93.02 ng/ml m



#16 DCPA

R.T.: 11.355 min
Delta R.T.: -0.009 min
Response: 3611827151
Conc: 203.36 ng/ml



#16 DCPA

R.T.: 12.119 min
Delta R.T.: -0.005 min
Response: 797634317
Conc: 166.16 ng/ml m