

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101419\
 Data File : PS007134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2019 16:28
 Operator : SM\AJ
 Sample : K5111-07
 Misc : LOD 100 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 17:45:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101419.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 14 13:54:23 2019
 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 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	5.442	5.174	433.5E6	258.7E6	316.705	367.813
Target Compounds							
1) T	Dalapon	2.014	1.723	159.2E6	80594323	95.114	88.565
2) T	3,5-DICHL...	4.824	4.484	144.4E6	88437883	85.963	102.783m
3) T	4-Nitroph...	5.344	4.881	35594781	31754958	59.278m	80.414 #
5) T	DICAMBA	5.591	5.299	452.6E6	262.5E6	92.122	100.875
6) T	MCPD	5.735	5.378	25686996	15861043	7.288m	8.362
7) T	MCPA	5.866	5.552	40987140	30325900	7.947m	10.432 #
8) T	DICHLORPROP	6.220	5.835	108.2E6	66869591	92.331	102.684
9) T	2,4-D	6.457	6.113	105.8E6	79821836	85.849m	100.053
10) T	Pentachlo...	6.685	6.463	1834.8E6	1052.9E6	102.775	109.493
11) T	2,4,5-TP ...	7.223	6.828	669.4E6	381.6E6	96.038	100.319
12) T	2,4,5-T	7.508	7.191	761.0E6	298.7E6	99.549	85.259
13) T	2,4-DB	8.040	7.677	61333132	45292555	64.327	96.635 #
14) T	DINOSB	9.098	7.976	658.3E6	276.9E6	113.126	98.647
15) T	Picloram	8.958	8.918	793.6E6	589.8E6	71.899m	96.055 #
16) T	DCPA	9.371	8.867	889.1E6	525.6E6	99.287	104.821

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

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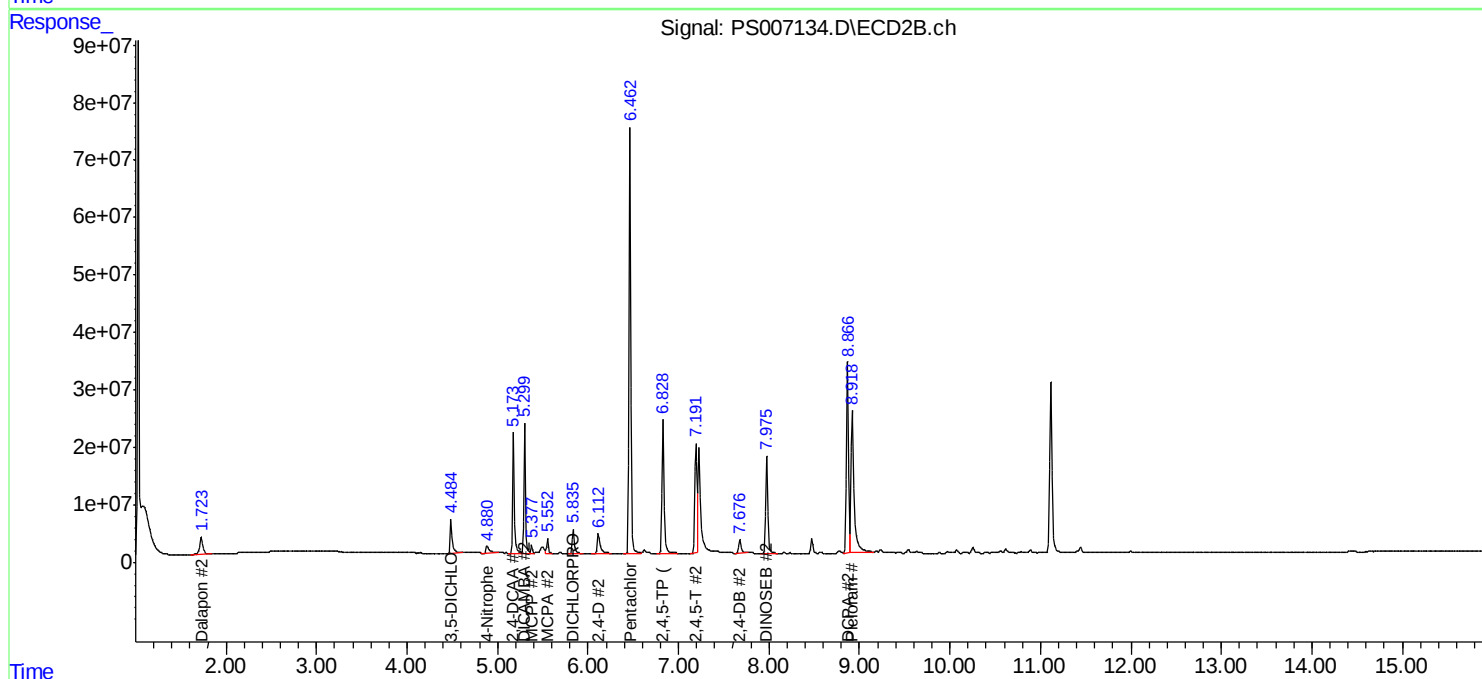
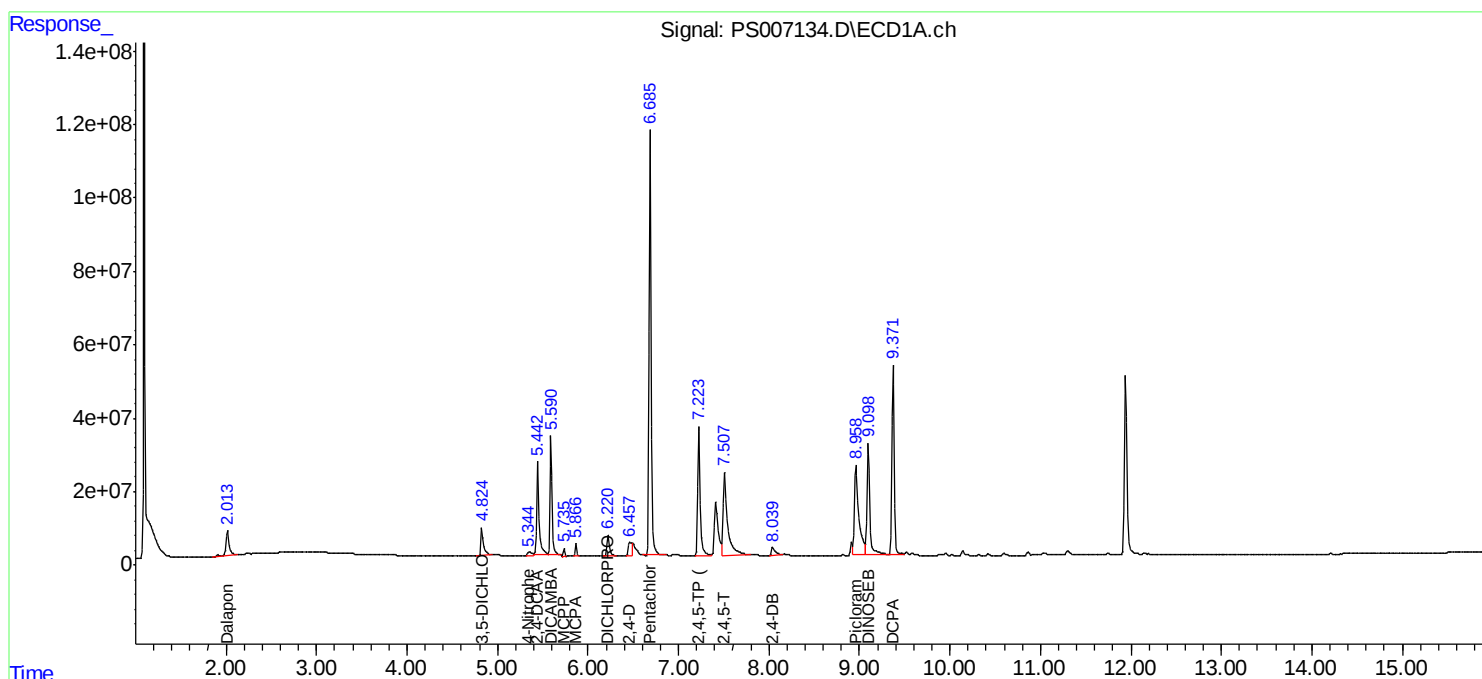
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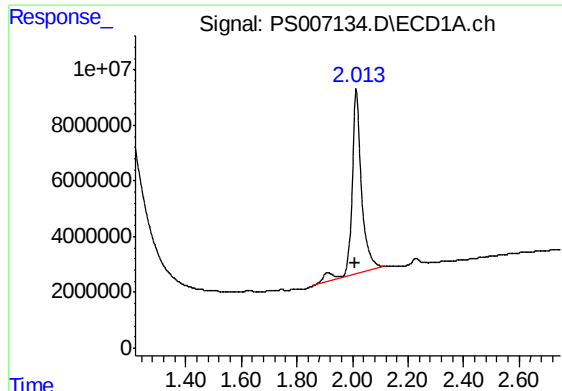
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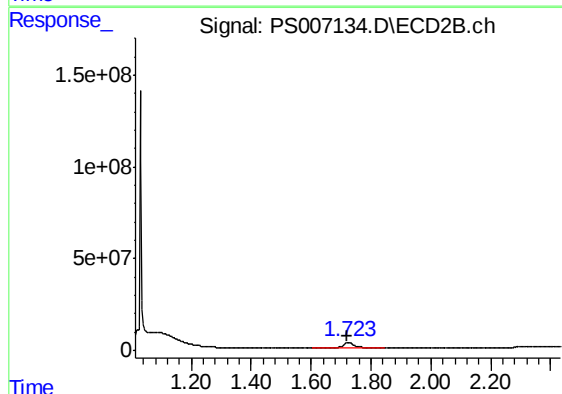
#1 Dalapon

R.T.: 2.014 min
Delta R.T.: 0.003 min
Response: 159152985
Conc: 95.11 ng/ml

Instrument :
ECD_S
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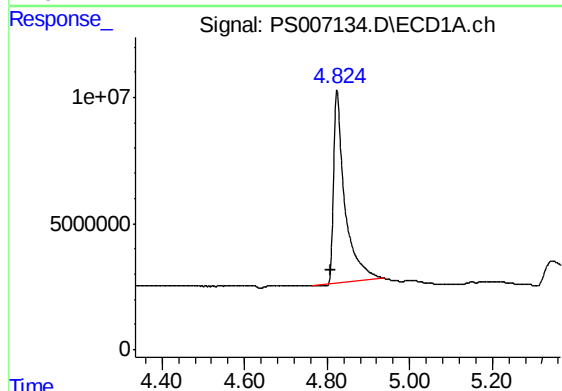
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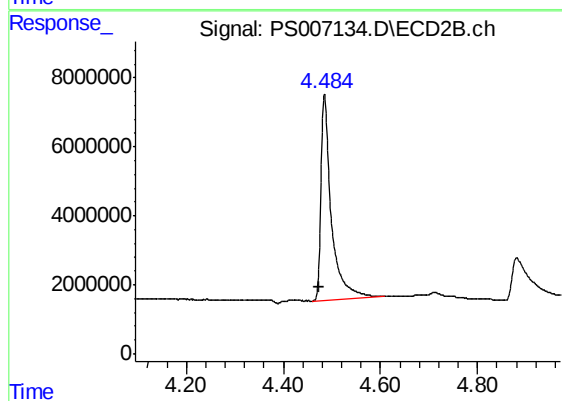
#1 Dalapon

R.T.: 1.723 min
Delta R.T.: 0.003 min
Response: 80594323
Conc: 88.56 ng/ml



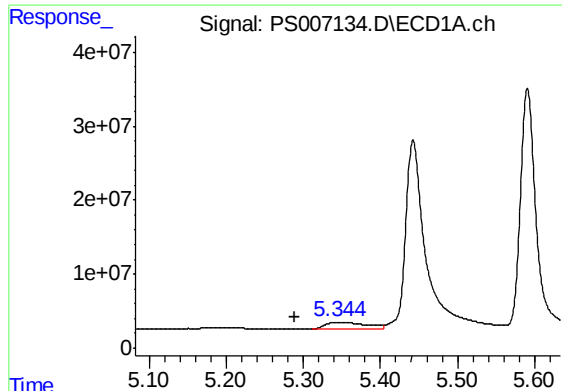
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.824 min
Delta R.T.: 0.015 min
Response: 144448869
Conc: 85.96 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.484 min
Delta R.T.: 0.009 min
Response: 88437883
Conc: 102.78 ng/ml m



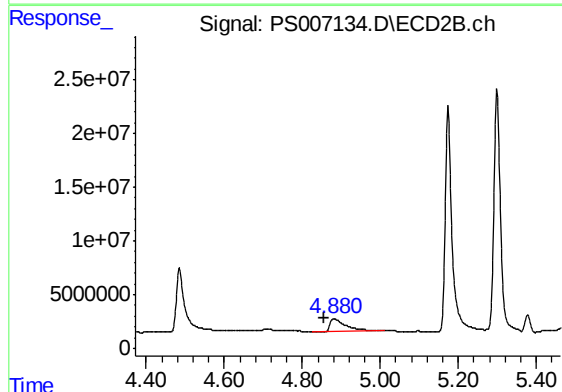
#3 4-Nitrophenol

R.T.: 5.344 min
Delta R.T.: 0.054 min
Response: 35594781
Conc: 59.28 ng/ml m

Instrument :
ECD_S
ClientSampleId :
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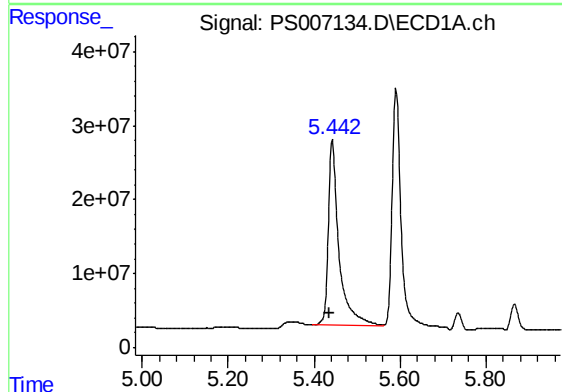
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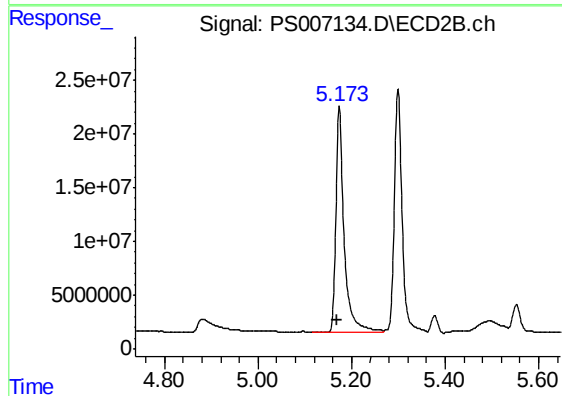
#3 4-Nitrophenol

R.T.: 4.881 min
Delta R.T.: 0.025 min
Response: 31754958
Conc: 80.41 ng/ml



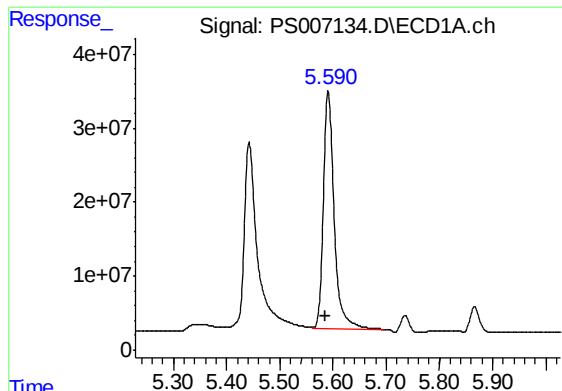
#4 2,4-DCAA

R.T.: 5.442 min
Delta R.T.: 0.007 min
Response: 433464582
Conc: 316.71 ng/ml



#4 2,4-DCAA

R.T.: 5.174 min
Delta R.T.: 0.005 min
Response: 258685292
Conc: 367.81 ng/ml



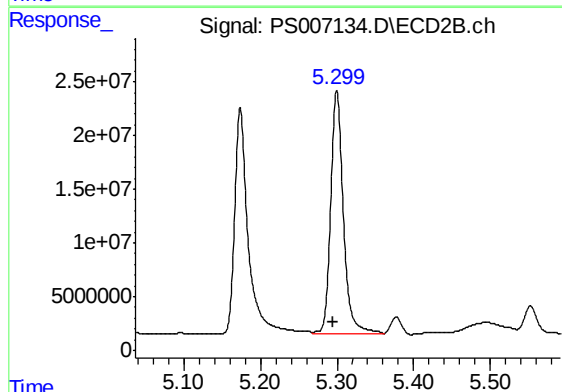
#5 DICAMBA

R.T.: 5.591 min
Delta R.T.: 0.006 min
Response: 452634216
Conc: 92.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

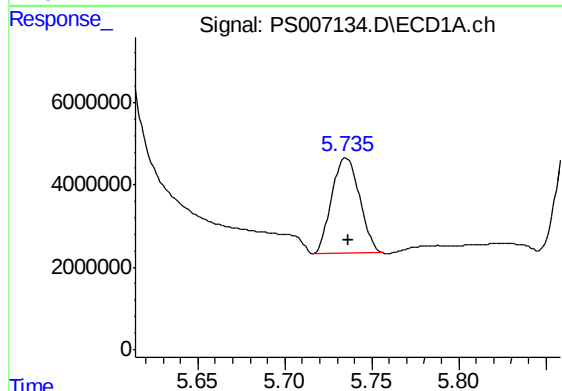
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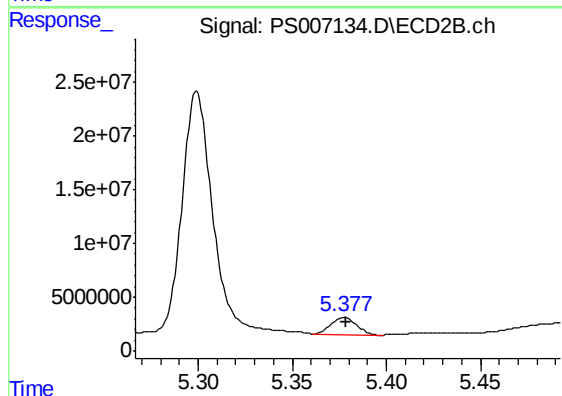
#5 DICAMBA

R.T.: 5.299 min
Delta R.T.: 0.005 min
Response: 262486271
Conc: 100.87 ng/ml



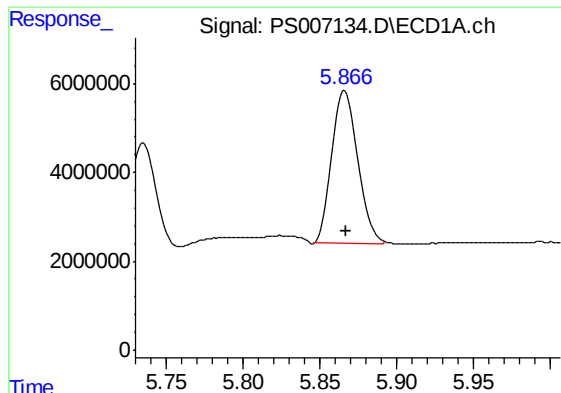
#6 MCPP

R.T.: 5.735 min
Delta R.T.: -0.002 min
Response: 25686996
Conc: 7.29 ug/ml m



#6 MCPP

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 15861043
Conc: 8.36 ug/ml



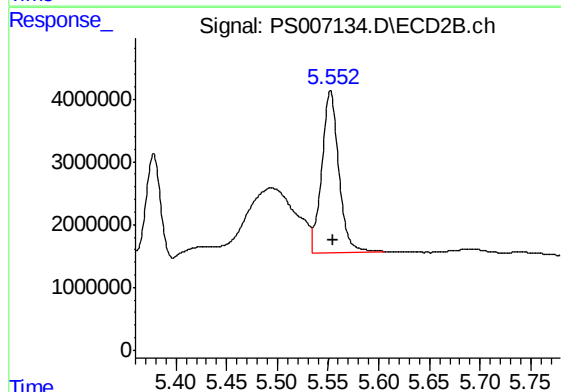
#7 MCPA

R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 40987140
Conc: 7.95 ug/ml m

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

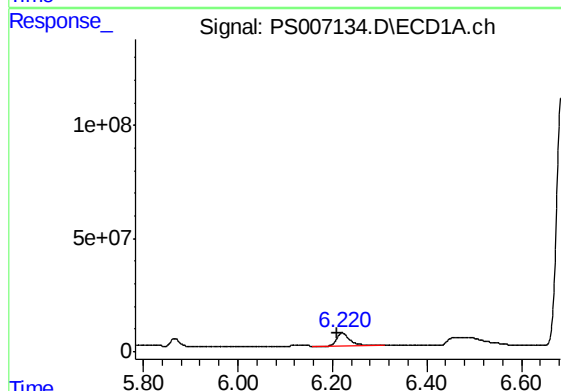
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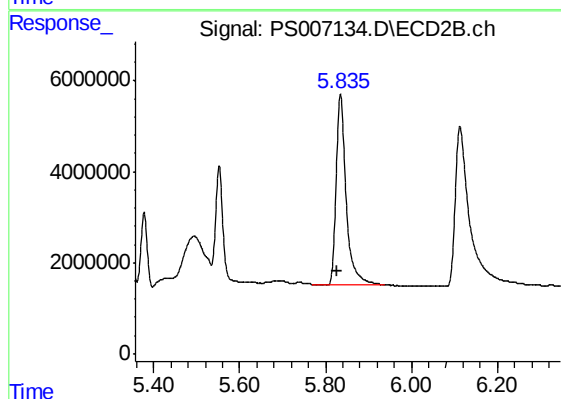
#7 MCPA

R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 30325900
Conc: 10.43 ug/ml



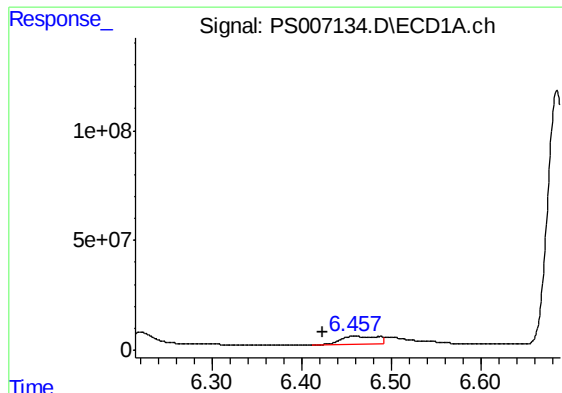
#8 DICHLORPROP

R.T.: 6.220 min
Delta R.T.: 0.011 min
Response: 108232692
Conc: 92.33 ng/ml



#8 DICHLORPROP

R.T.: 5.835 min
Delta R.T.: 0.009 min
Response: 66869591
Conc: 102.68 ng/ml



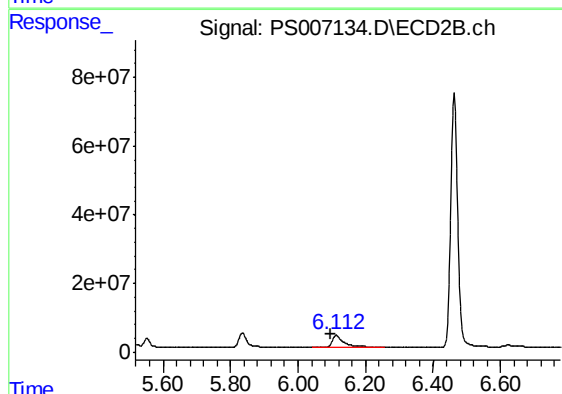
#9 2,4-D

R.T.: 6.457 min
Delta R.T.: 0.033 min
Response: 105795649
Conc: 85.85 ng/ml m

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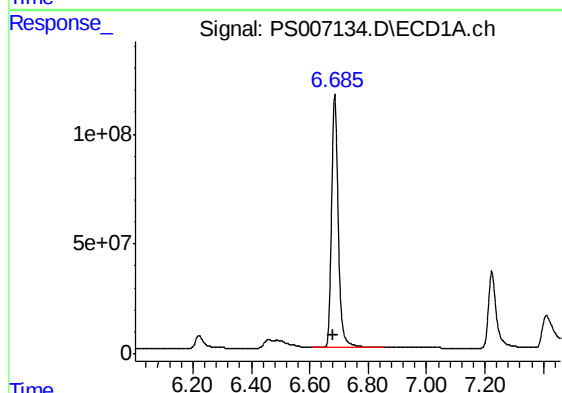
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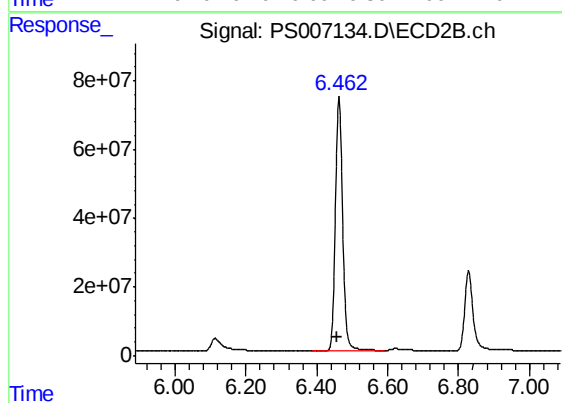
#9 2,4-D

R.T.: 6.113 min
Delta R.T.: 0.018 min
Response: 79821836
Conc: 100.05 ng/ml



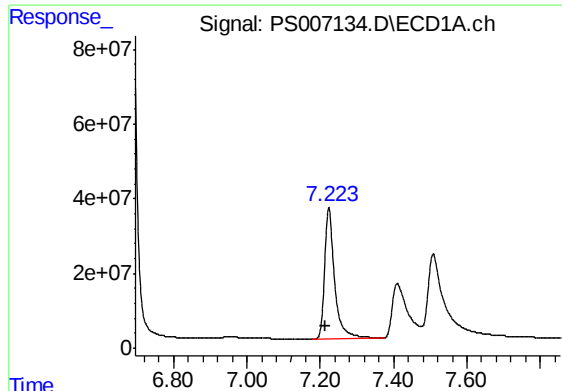
#10 Pentachlorophenol

R.T.: 6.685 min
Delta R.T.: 0.006 min
Response: 1834754754
Conc: 102.77 ng/ml



#10 Pentachlorophenol

R.T.: 6.463 min
Delta R.T.: 0.005 min
Response: 1052930587
Conc: 109.49 ng/ml



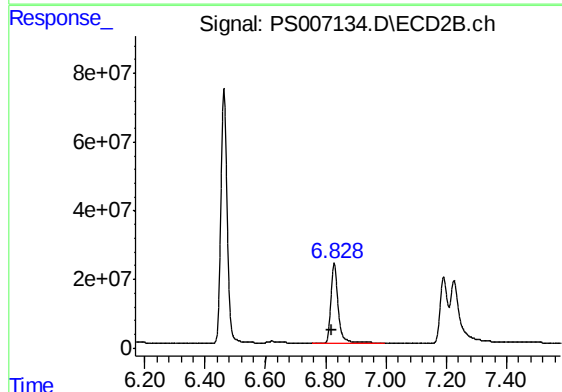
#11 2,4,5-TP (SILVEX)

R.T.: 7.223 min
Delta R.T.: 0.010 min
Response: 669352595
Conc: 96.04 ng/ml

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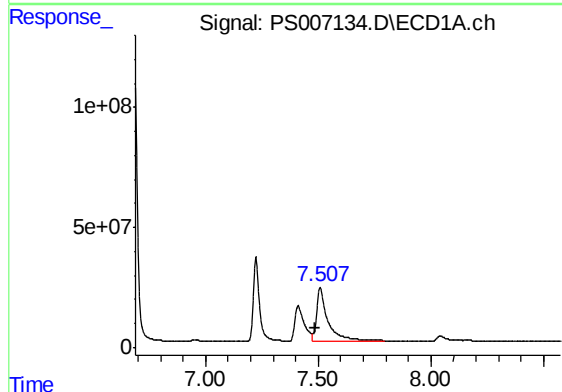
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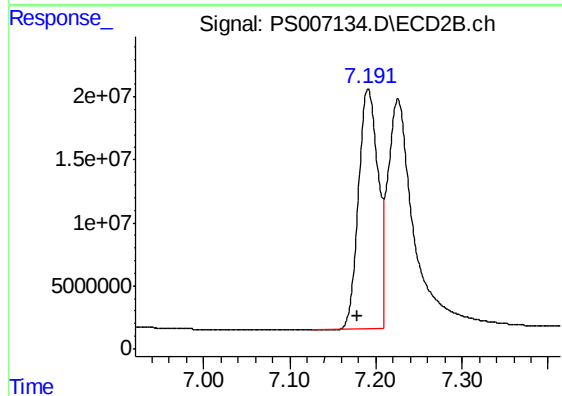
#11 2,4,5-TP (SILVEX)

R.T.: 6.828 min
Delta R.T.: 0.008 min
Response: 381576122
Conc: 100.32 ng/ml



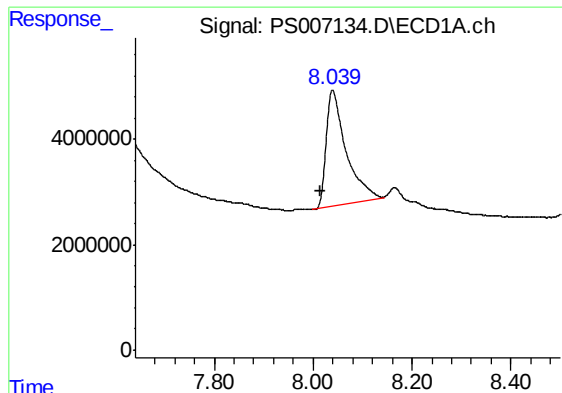
#12 2,4,5-T

R.T.: 7.508 min
Delta R.T.: 0.022 min
Response: 761030435
Conc: 99.55 ng/ml



#12 2,4,5-T

R.T.: 7.191 min
Delta R.T.: 0.013 min
Response: 298714419
Conc: 85.26 ng/ml



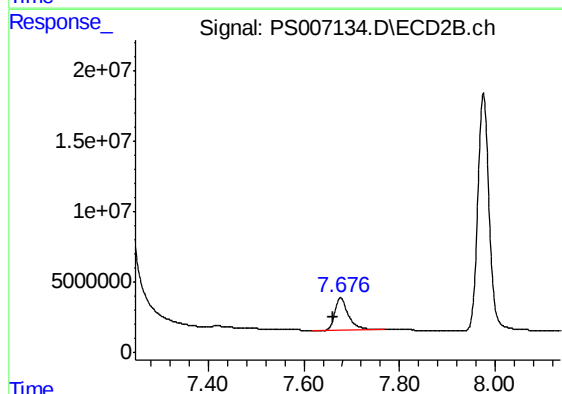
#13 2,4-DB

R.T.: 8.040 min
Delta R.T.: 0.026 min
Response: 61333132
Conc: 64.33 ng/ml

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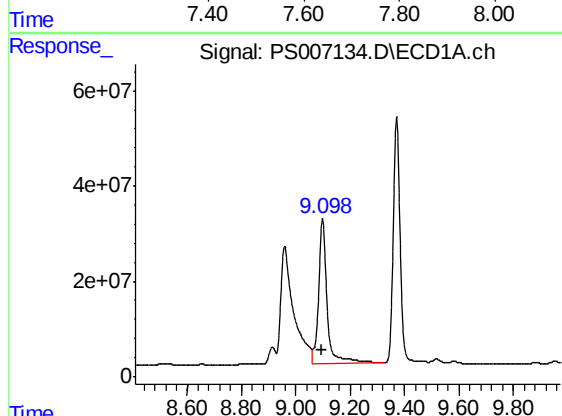
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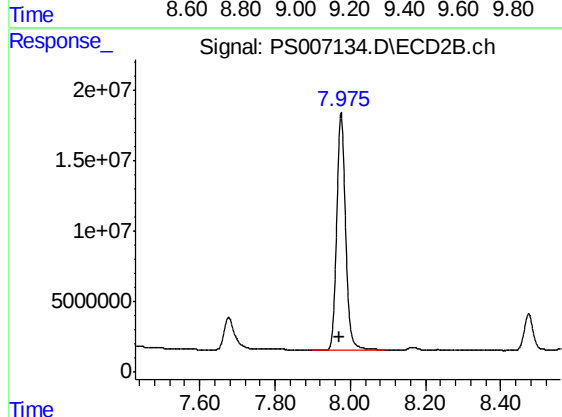
#13 2,4-DB

R.T.: 7.677 min
Delta R.T.: 0.014 min
Response: 45292555
Conc: 96.64 ng/ml



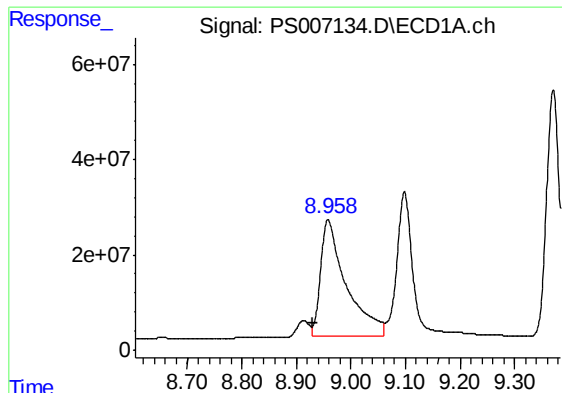
#14 DINOSEB

R.T.: 9.098 min
Delta R.T.: 0.003 min
Response: 658300465
Conc: 113.13 ng/ml



#14 DINOSEB

R.T.: 7.976 min
Delta R.T.: 0.005 min
Response: 276936926
Conc: 98.65 ng/ml



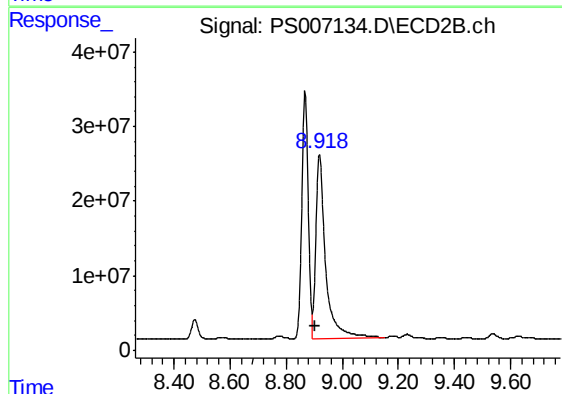
#15 Picloram

R.T.: 8.958 min
Delta R.T.: 0.029 min
Response: 793564566
Conc: 71.90 ng/ml m

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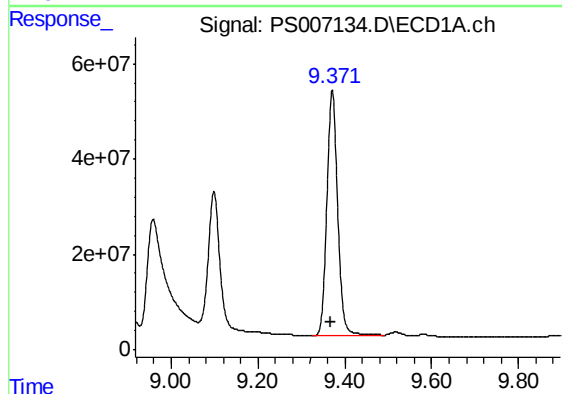
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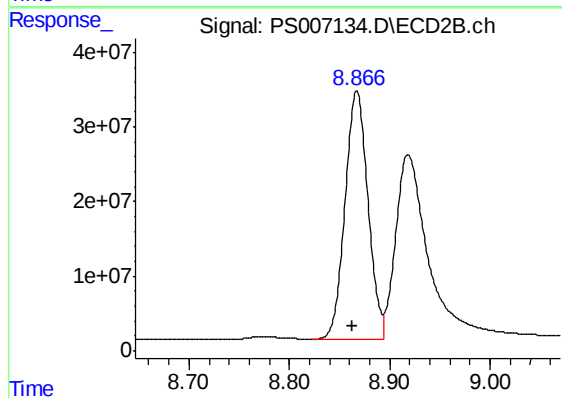
#15 Picloram

R.T.: 8.918 min
Delta R.T.: 0.014 min
Response: 589789789
Conc: 96.05 ng/ml



#16 DCPA

R.T.: 9.371 min
Delta R.T.: 0.004 min
Response: 889050279
Conc: 99.29 ng/ml



#16 DCPA

R.T.: 8.867 min
Delta R.T.: 0.004 min
Response: 525640852
Conc: 104.82 ng/ml