

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081619\
 Data File : PS006140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 10:30
 Operator : SM\AJ
 Sample : K3591-09
 Misc : MDL 100 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:26:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS081419.M
 Quant Title : 8080.M
 QLast Update : Wed Aug 14 15:09:52 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	5.495	5.223	438.7E6	248.0E6	508.202	504.215
Target Compounds							
1) T	Dalapon	2.056	1.764	91916108	48967195	84.356	78.036
2) T	3,5-DICHL...	4.872	4.532	101.2E6	56229447	93.836	92.833
3) T	4-Nitroph...	5.406	4.933	22923785	19727672	61.062m	79.635m#
5) T	DICAMBA	5.648	5.351	337.0E6	184.6E6	104.928	100.084
6) T	MCPD	5.792	5.430	14172271	8861344	6.298m	7.163
7) T	MCPA	5.926	5.607	23500163	24014464	7.444	11.750 #
8) T	DICHLORPROP	6.284	5.898	68922997	43298535	90.883	97.387
9) T	2,4-D	6.549	6.180	205.1E6	50004433	251.662m	90.964 #
10) T	Pentachlo...	6.753	6.530	1201.1E6	688.3E6	101.612	101.819
11) T	2,4,5-TP ...	7.293	6.897	436.4E6	246.7E6	95.660	94.819
12) T	2,4,5-T	7.581	7.262	524.0E6	189.6E6	105.968	76.262 #
13) T	2,4-DB	8.118	7.750	45214739	27955769	72.601	84.001
14) T	DINOSEB	9.179	8.049	451.9E6	183.6E6	123.442	95.572
15) T	Picloram	9.041	8.996	583.4E6	422.6E6	78.404	93.696
16) T	DCPA	9.451	8.944	597.5E6	347.2E6	103.089	99.574

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

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Operator : SM\AJ
Sample : K3591-09
Misc : MDL 100 PPB
ALS Vial : 24 Sample Multiplier: 1

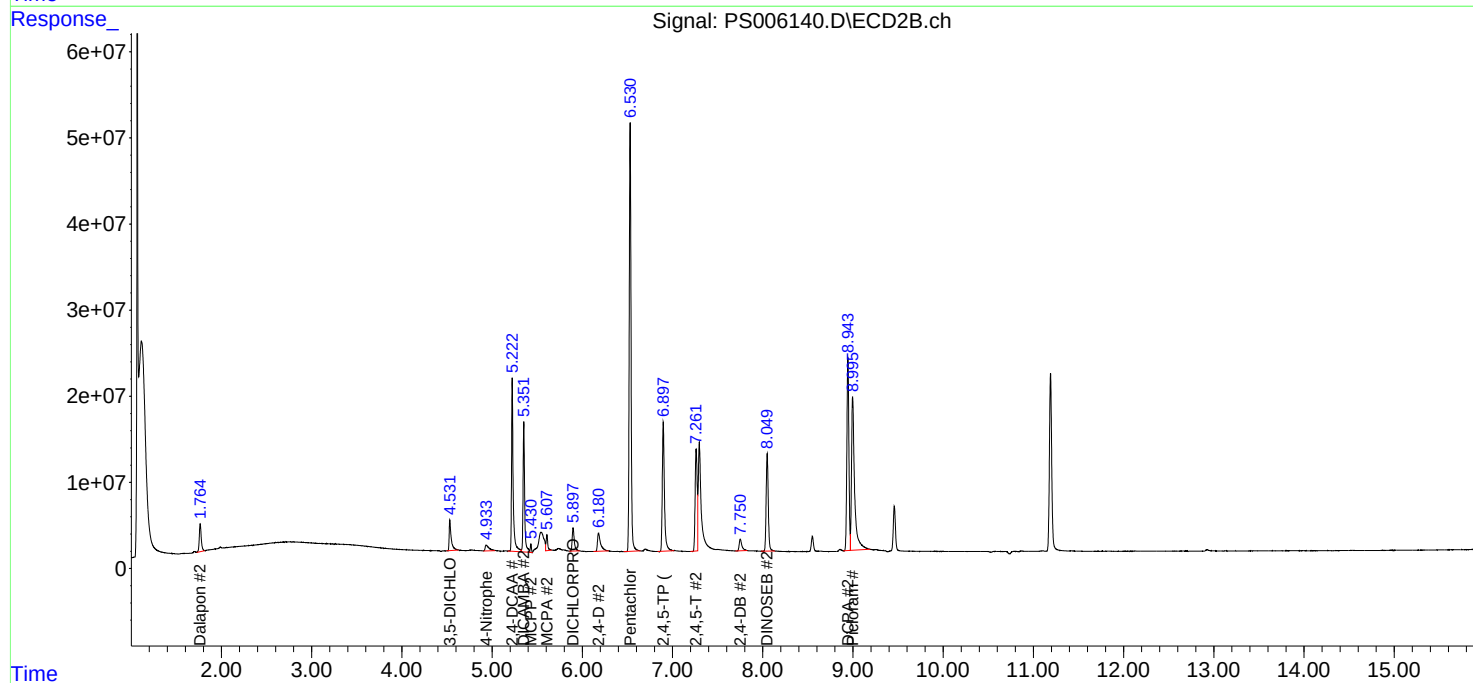
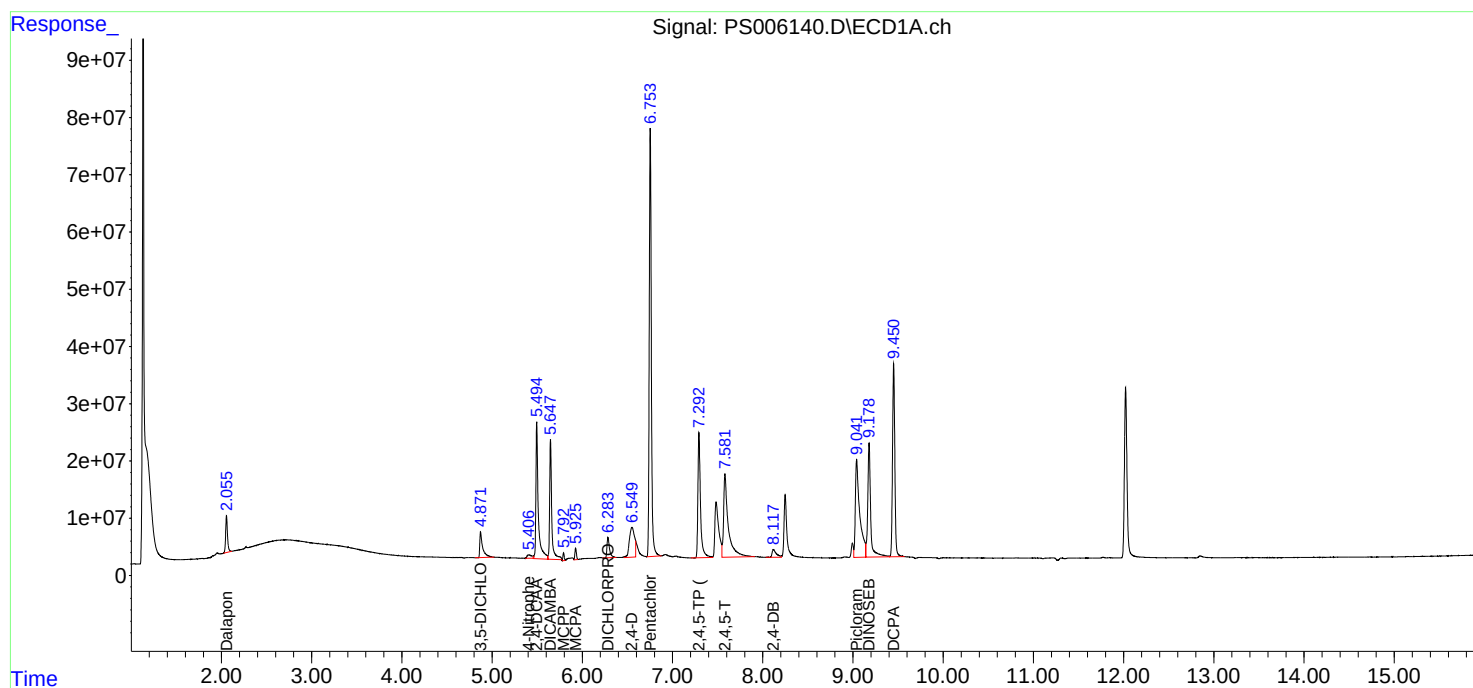
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ECD_S
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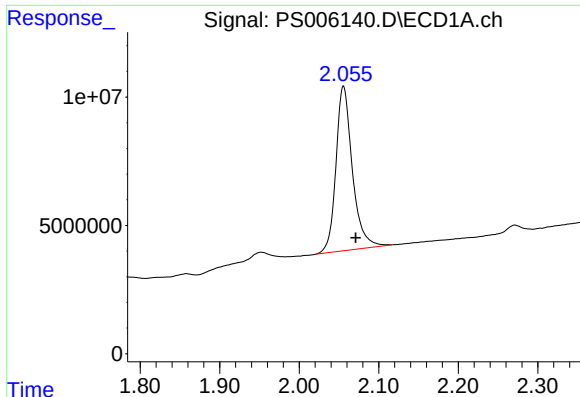
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Integration File signal 1: autoint1.e
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Quant Time: Aug 17 01:26:56 2019
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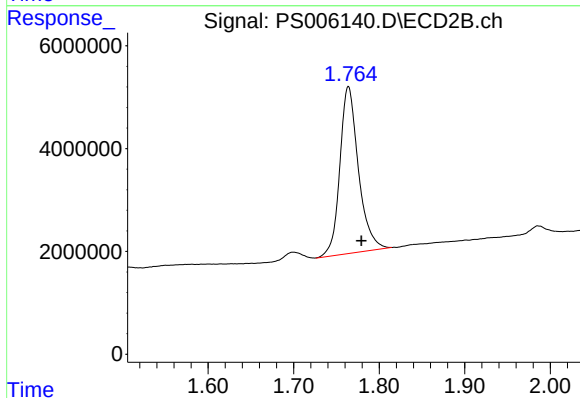
#1 Dalapon

R.T.: 2.056 min
Delta R.T.: -0.015 min
Response: 91916108
Conc: 84.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

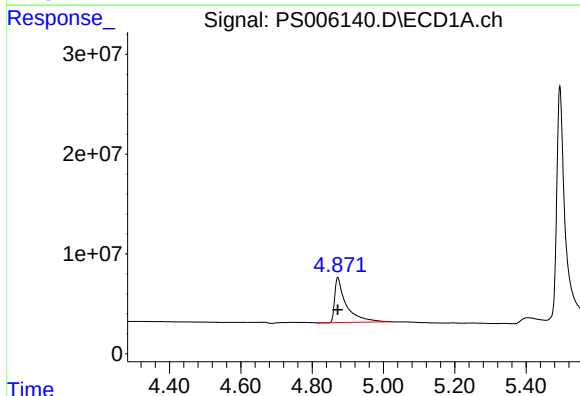
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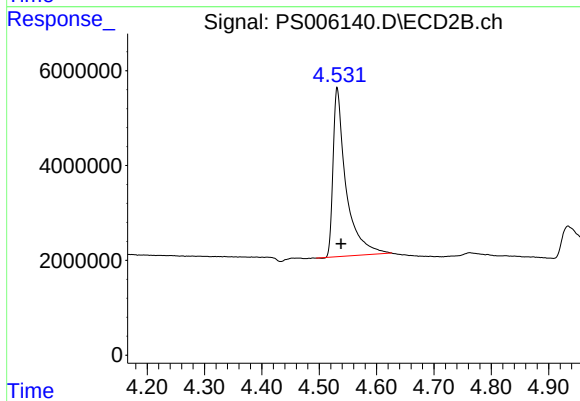
#1 Dalapon

R.T.: 1.764 min
Delta R.T.: -0.015 min
Response: 48967195
Conc: 78.04 ng/ml



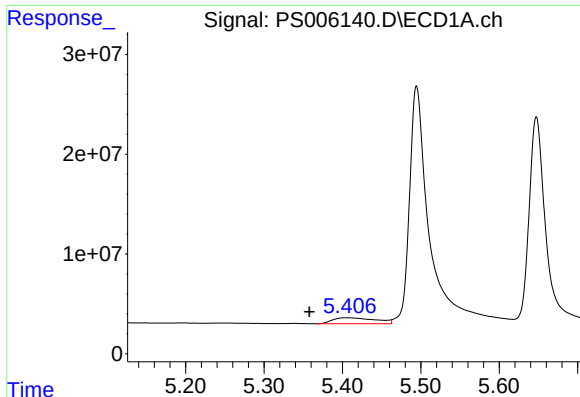
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 101167307
Conc: 93.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.532 min
Delta R.T.: -0.006 min
Response: 56229447
Conc: 92.83 ng/ml



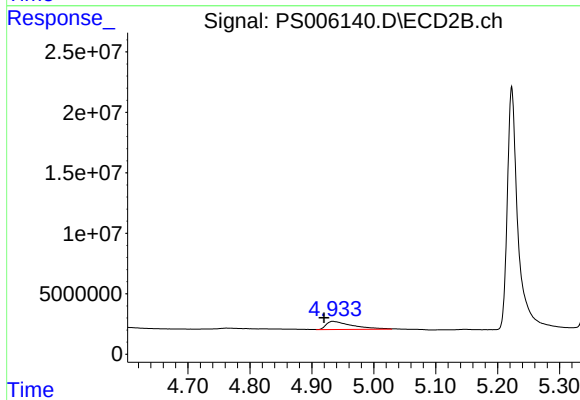
#3 4-Nitrophenol

R.T.: 5.406 min
Delta R.T.: 0.048 min
Response: 22923785
Conc: 61.06 ng/ml m

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

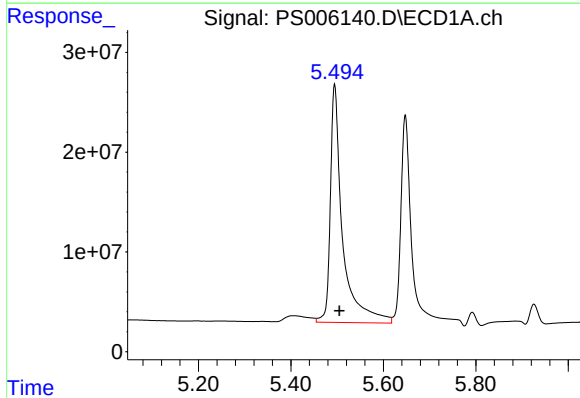
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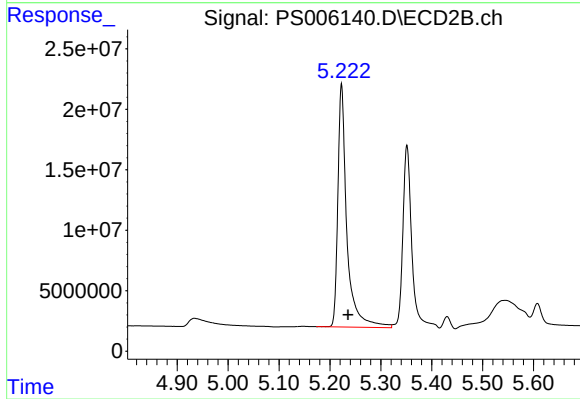
#3 4-Nitrophenol

R.T.: 4.933 min
Delta R.T.: 0.014 min
Response: 19727672
Conc: 79.64 ng/ml m



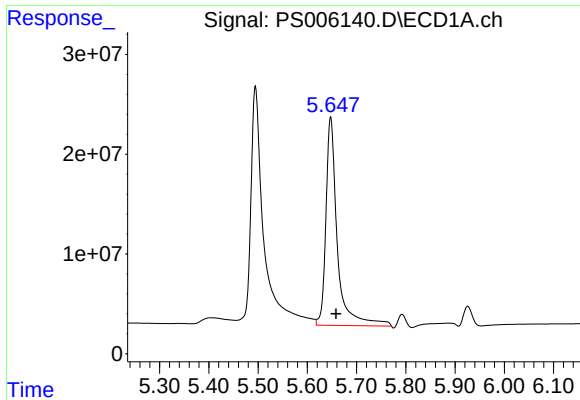
#4 2,4-DCAA

R.T.: 5.495 min
Delta R.T.: -0.010 min
Response: 438680302
Conc: 508.20 ng/ml



#4 2,4-DCAA

R.T.: 5.223 min
Delta R.T.: -0.013 min
Response: 247999093
Conc: 504.21 ng/ml



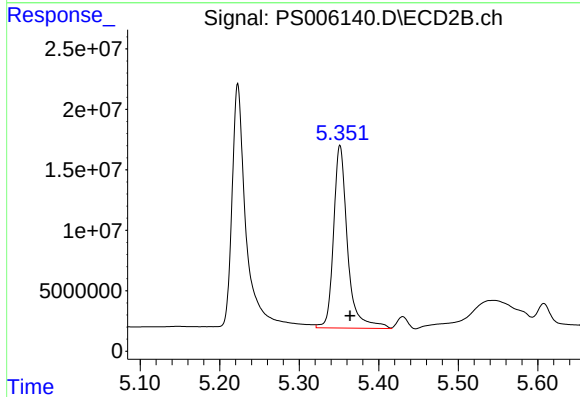
#5 DICAMBA

R.T.: 5.648 min
Delta R.T.: -0.011 min
Response: 336993825
Conc: 104.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

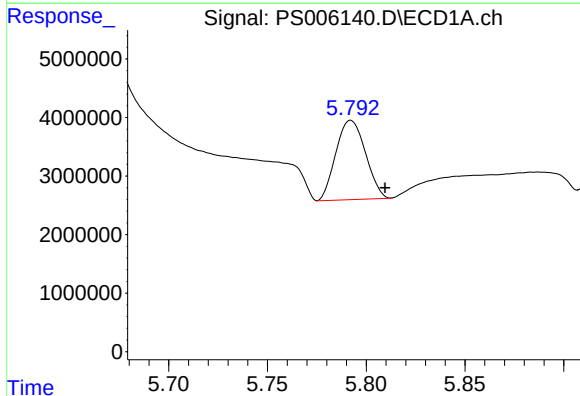
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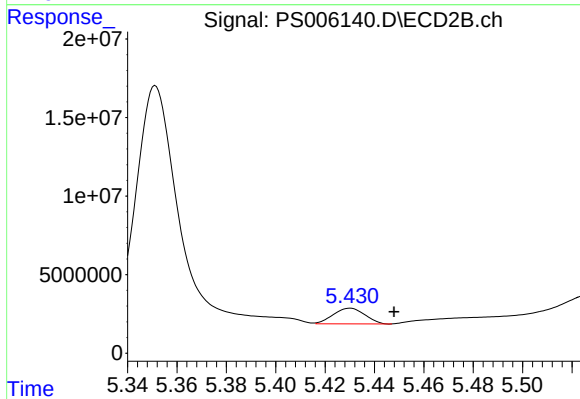
#5 DICAMBA

R.T.: 5.351 min
Delta R.T.: -0.013 min
Response: 184605363
Conc: 100.08 ng/ml



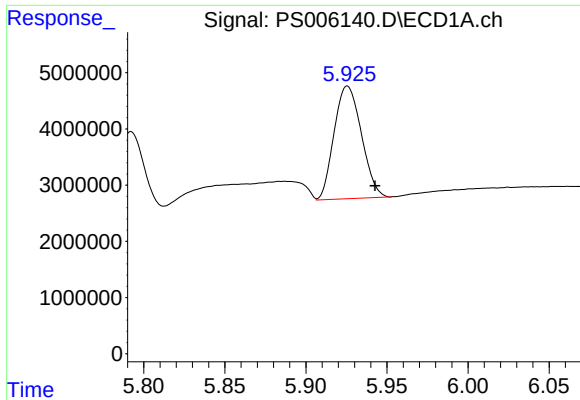
#6 MCP

R.T.: 5.792 min
Delta R.T.: -0.018 min
Response: 14172271
Conc: 6.30 ug/ml m



#6 MCP

R.T.: 5.430 min
Delta R.T.: -0.018 min
Response: 8861344
Conc: 7.16 ug/ml



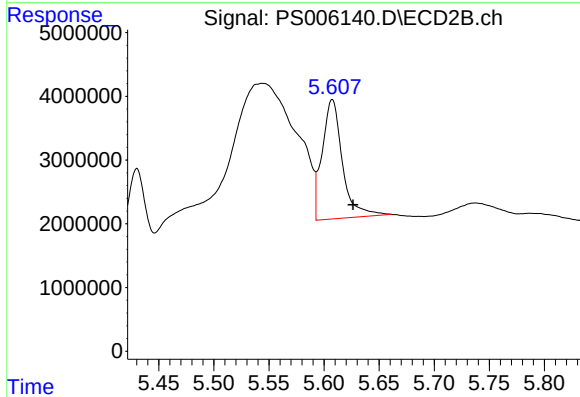
#7 MCPA

R.T.: 5.926 min
Delta R.T.: -0.017 min
Response: 23500163
Conc: 7.44 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

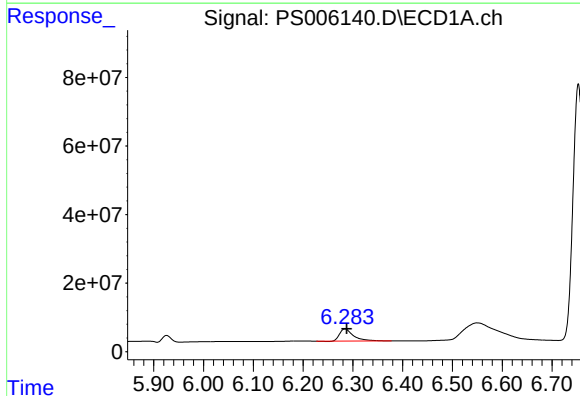
Manual Integrations
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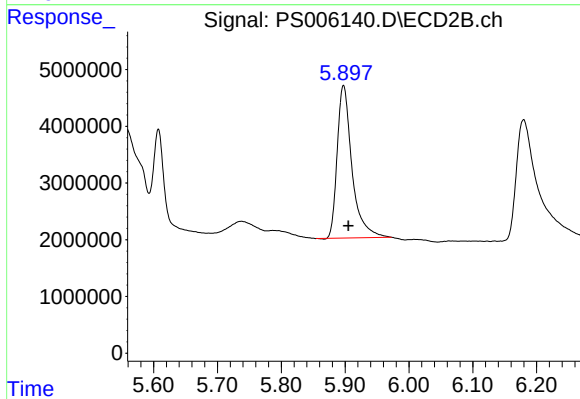
#7 MCPA

R.T.: 5.607 min
Delta R.T.: -0.019 min
Response: 24014464
Conc: 11.75 ug/ml



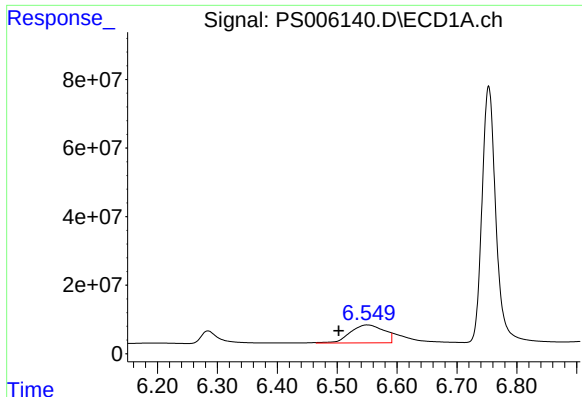
#8 DICHLORPROP

R.T.: 6.284 min
Delta R.T.: -0.004 min
Response: 68922997
Conc: 90.88 ng/ml



#8 DICHLORPROP

R.T.: 5.898 min
Delta R.T.: -0.007 min
Response: 43298535
Conc: 97.39 ng/ml



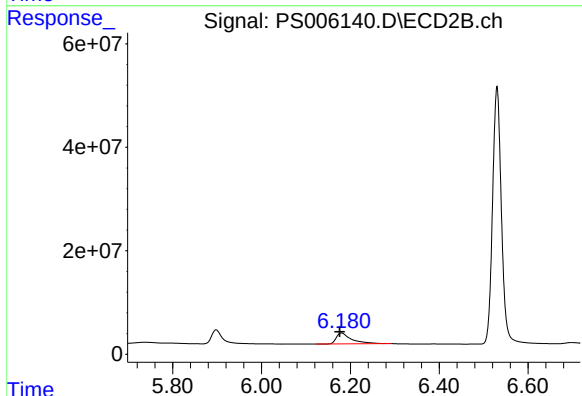
#9 2,4-D

R.T.: 6.549 min
Delta R.T.: 0.046 min
Response: 205050181
Conc: 251.66 ng/ml m

Instrument :
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ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

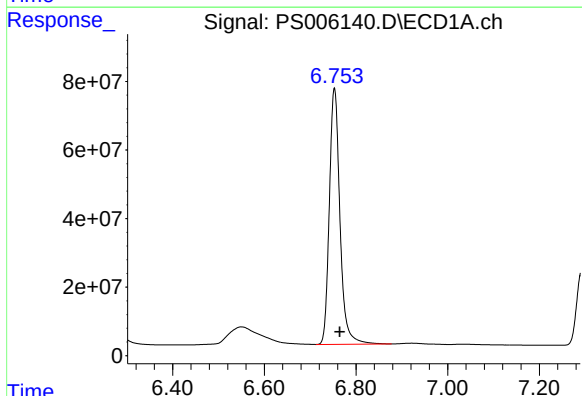
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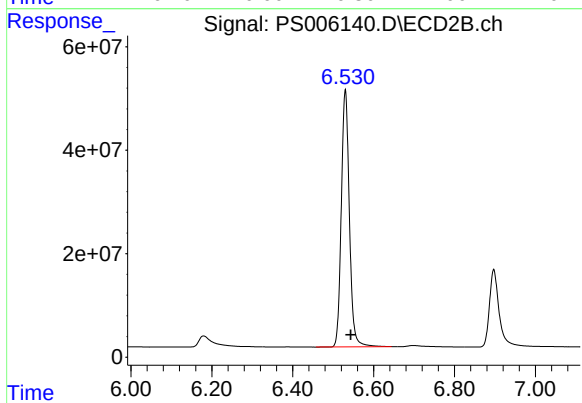
#9 2,4-D

R.T.: 6.180 min
Delta R.T.: 0.004 min
Response: 50004433
Conc: 90.96 ng/ml



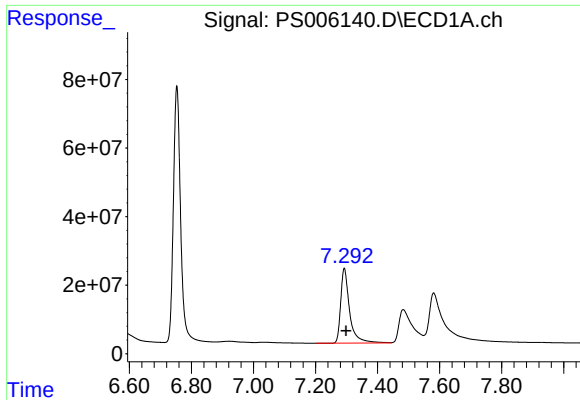
#10 Pentachlorophenol

R.T.: 6.753 min
Delta R.T.: -0.011 min
Response: 1201146520
Conc: 101.61 ng/ml



#10 Pentachlorophenol

R.T.: 6.530 min
Delta R.T.: -0.014 min
Response: 688286275
Conc: 101.82 ng/ml



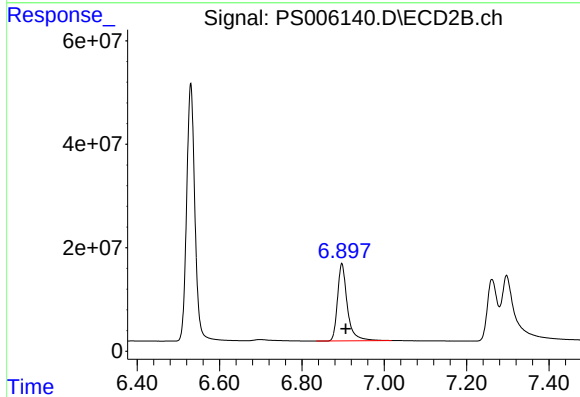
#11 2,4,5-TP (SILVEX)

R.T.: 7.293 min
Delta R.T.: -0.006 min
Response: 436381676
Conc: 95.66 ng/ml

Instrument :
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ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

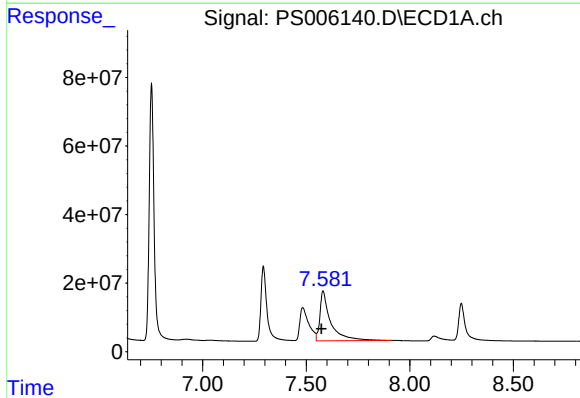
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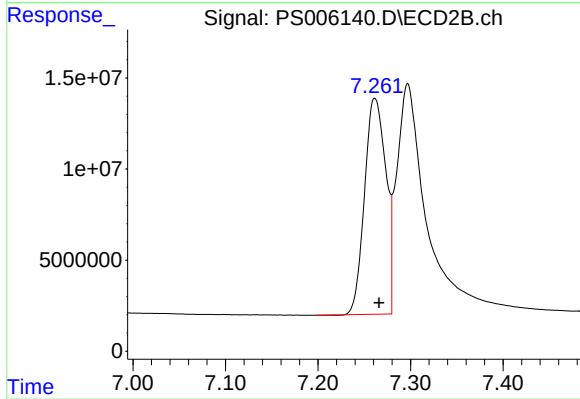
#11 2,4,5-TP (SILVEX)

R.T.: 6.897 min
Delta R.T.: -0.010 min
Response: 246727697
Conc: 94.82 ng/ml



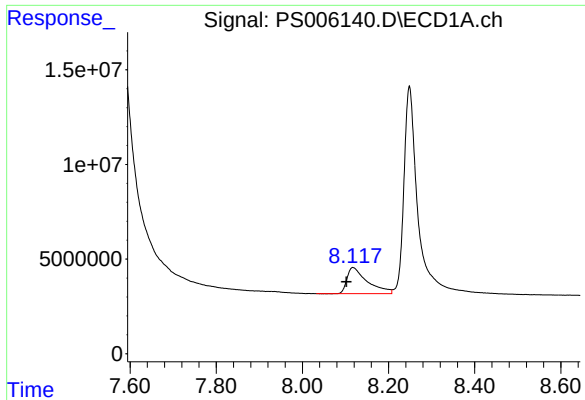
#12 2,4,5-T

R.T.: 7.581 min
Delta R.T.: 0.008 min
Response: 523968684
Conc: 105.97 ng/ml



#12 2,4,5-T

R.T.: 7.262 min
Delta R.T.: -0.004 min
Response: 189591491
Conc: 76.26 ng/ml



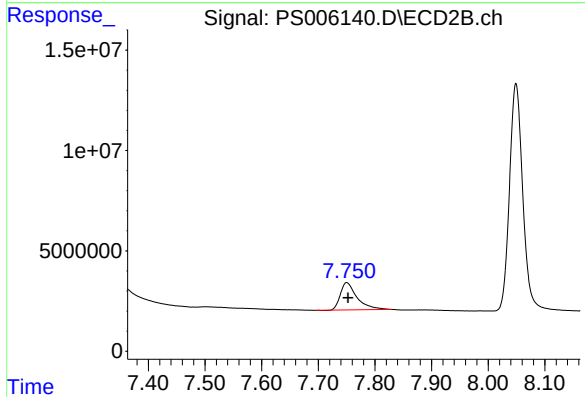
#13 2,4-DB

R.T.: 8.118 min
Delta R.T.: 0.015 min
Response: 45214739
Conc: 72.60 ng/ml

Instrument :
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ClientSampleId :
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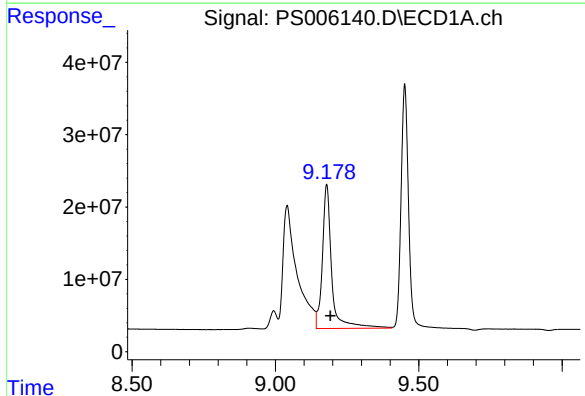
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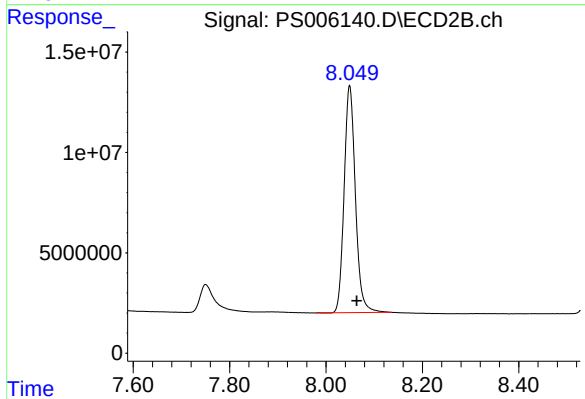
#13 2,4-DB

R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 27955769
Conc: 84.00 ng/ml



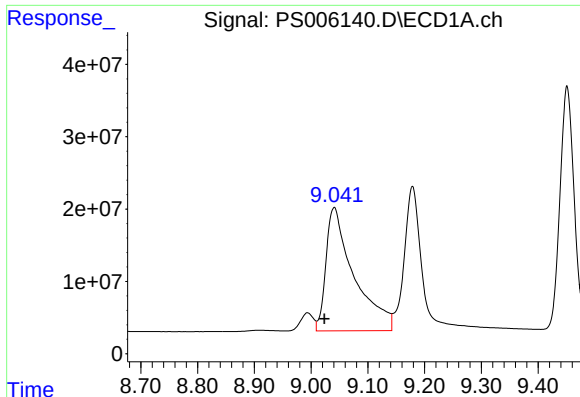
#14 DINOSEB

R.T.: 9.179 min
Delta R.T.: -0.014 min
Response: 451895360
Conc: 123.44 ng/ml



#14 DINOSEB

R.T.: 8.049 min
Delta R.T.: -0.014 min
Response: 183577816
Conc: 95.57 ng/ml



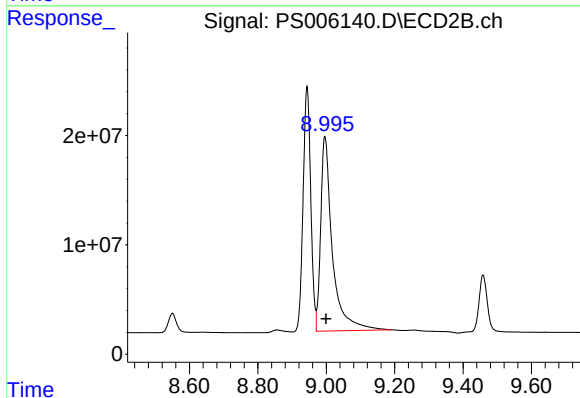
#15 Picloram

R.T.: 9.041 min
Delta R.T.: 0.017 min
Response: 583372116
Conc: 78.40 ng/ml

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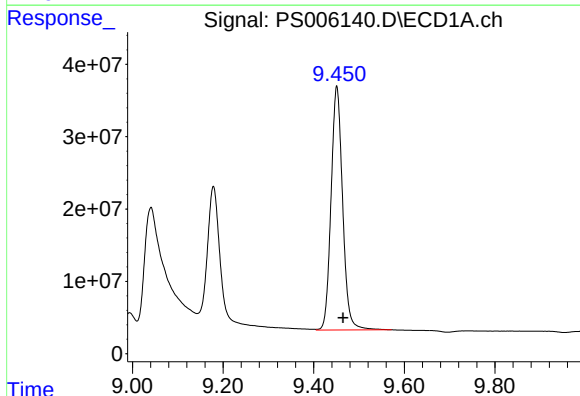
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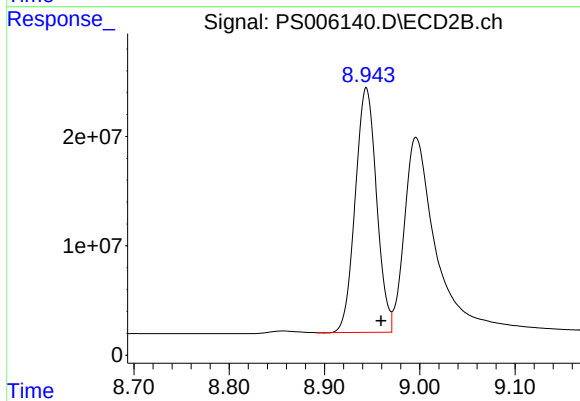
#15 Picloram

R.T.: 8.996 min
Delta R.T.: -0.004 min
Response: 422649792
Conc: 93.70 ng/ml



#16 DCPA

R.T.: 9.451 min
Delta R.T.: -0.014 min
Response: 597461480
Conc: 103.09 ng/ml



#16 DCPA

R.T.: 8.944 min
Delta R.T.: -0.016 min
Response: 347227915
Conc: 99.57 ng/ml