

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080519\
 Data File : PS005850.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2019 12:51
 Operator : SM\AJ
 Sample : K3591-01
 Misc : LOD 100 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 17:17:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072619.M
 Quant Title : 8080.M
 QLast Update : Sat Jul 27 00:42:55 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	5.577	5.297	610.6E6	378.9E6	420.868	380.970
Target Compounds							
1) T	Dalapon	2.108	1.808	156.8E6	34872894	84.605m	27.664m#
2) T	3,5-DICHL...	4.936	4.596	195.5E6	117.3E6	94.247	90.421
3) T	4-Nitroph...	5.465	4.993	50118405	35231075	83.319	71.119
5) T	DICAMBA	5.734	5.429	585.2E6	356.3E6	97.983	95.455
6) T	MCPD	5.885	5.509	34281736	21790294	7.399	7.650
7) T	MCPA	6.021	5.691	52145749	54165649	7.991	12.869 #
8) T	DICHLORPROP	6.377	5.985	140.4E6	84441832	97.642	91.435
9) T	2,4-D	6.614	6.268	63495036	89324041	42.368m	83.146 #
10) T	Pentachlo...	6.857	6.628	2199.6E6	1357.9E6	105.215	104.591
11) T	2,4,5-TP ...	7.397	6.994	793.6E6	481.5E6	96.052	92.830
12) T	2,4,5-T	7.683	7.361	896.6E6	356.2E6	107.420	74.929 #
13) T	2,4-DB	8.221	7.853	85293212	49801309	80.777m	76.721
14) T	DINOSEB	9.293	8.154	718.1E6	329.8E6	110.589	88.627
15) T	Picloram	9.174	9.119	314.5E6	322.2E6	26.872m	42.886m#
16) T	DCPA	9.565	9.053	1050.9E6	641.9E6	103.343	97.351

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

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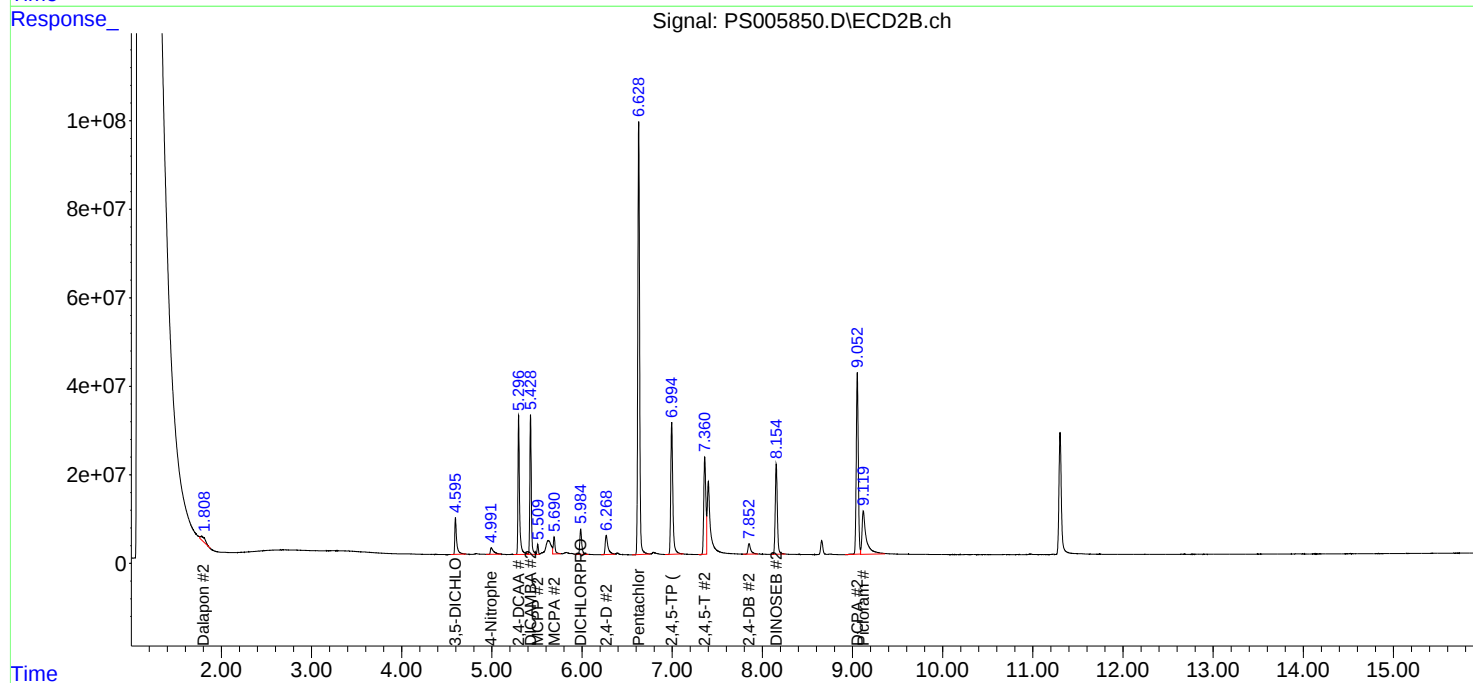
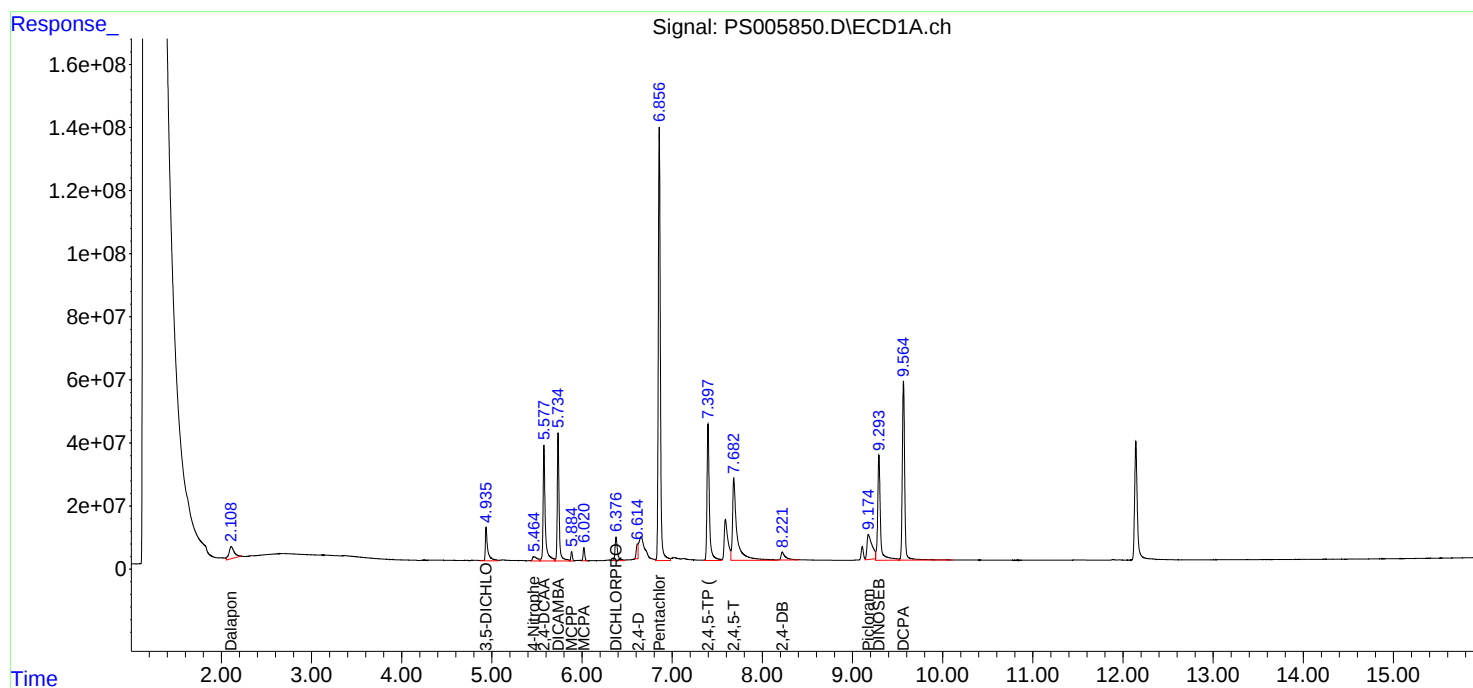
Instrument :
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 LOD-MDL-SOIL-01-QT3-2019

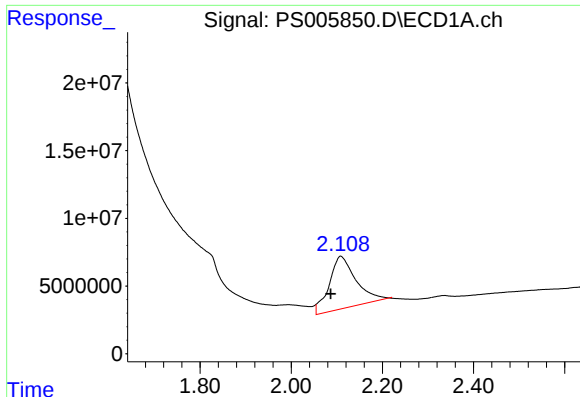
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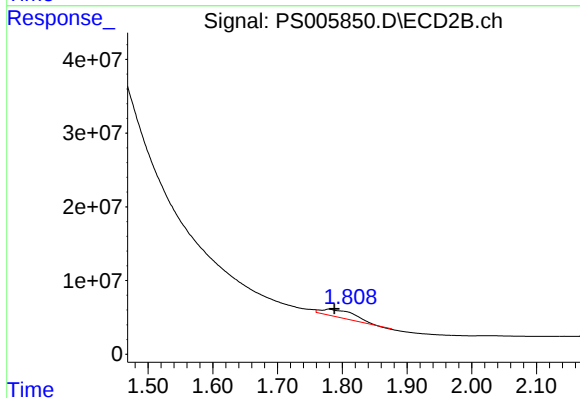
#1 Dalapon

R.T.: 2.108 min
Delta R.T.: 0.021 min
Response: 156798253
Conc: 84.60 ng/ml m

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

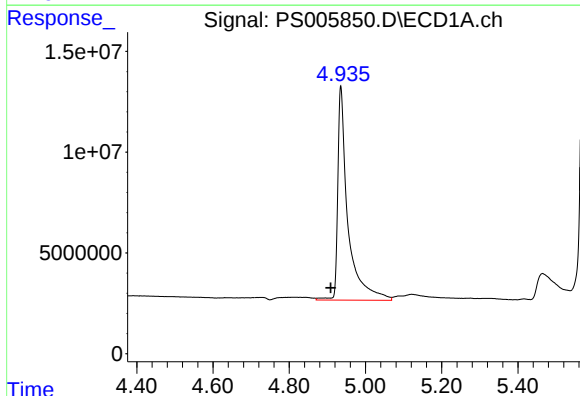
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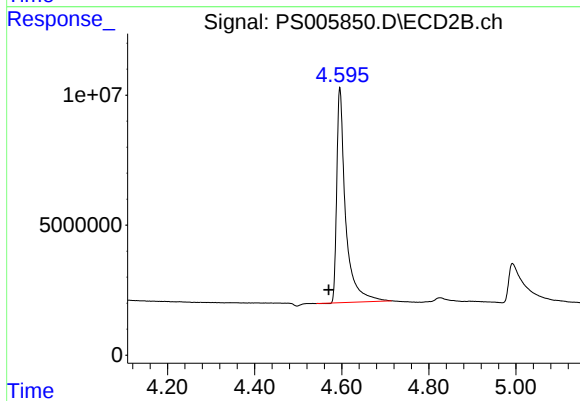
#1 Dalapon

R.T.: 1.808 min
Delta R.T.: 0.020 min
Response: 34872894
Conc: 27.66 ng/ml m



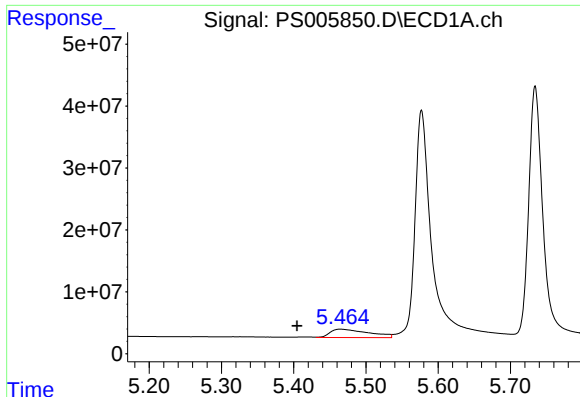
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.936 min
Delta R.T.: 0.027 min
Response: 195483018
Conc: 94.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.596 min
Delta R.T.: 0.026 min
Response: 117304839
Conc: 90.42 ng/ml



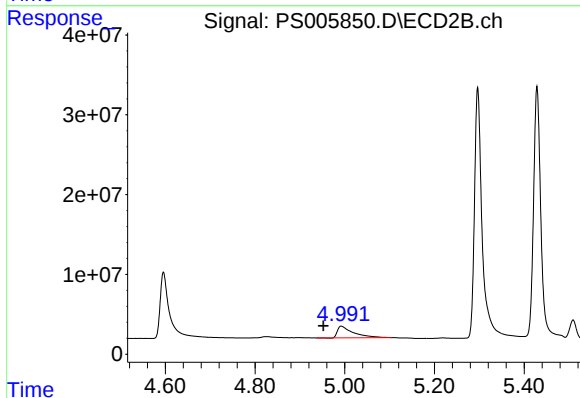
#3 4-Nitrophenol

R.T.: 5.465 min
Delta R.T.: 0.061 min
Response: 50118405
Conc: 83.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

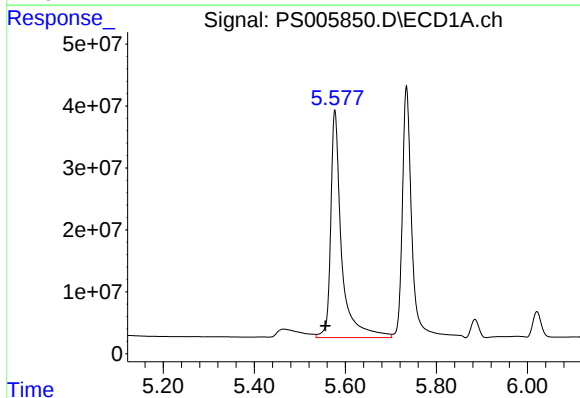
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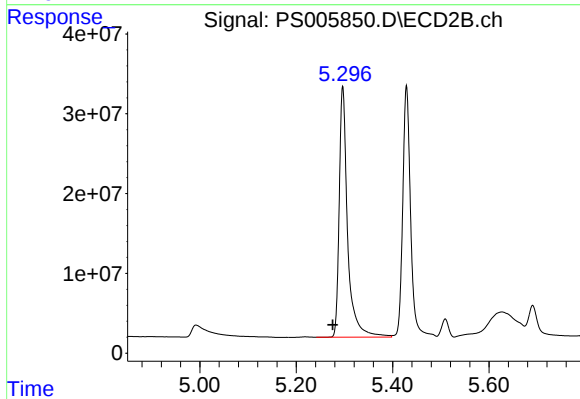
#3 4-Nitrophenol

R.T.: 4.993 min
Delta R.T.: 0.040 min
Response: 35231075
Conc: 71.12 ng/ml



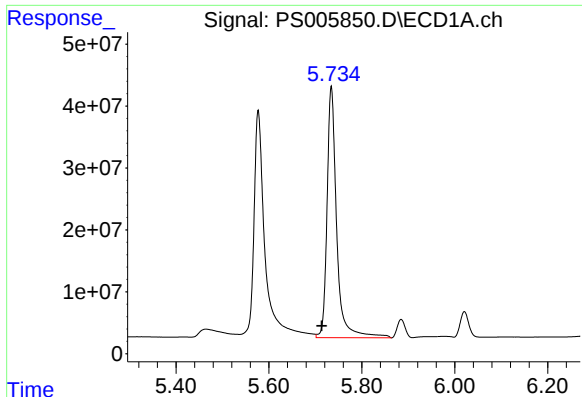
#4 2,4-DCAA

R.T.: 5.577 min
Delta R.T.: 0.021 min
Response: 610603168
Conc: 420.87 ng/ml



#4 2,4-DCAA

R.T.: 5.297 min
Delta R.T.: 0.021 min
Response: 378942652
Conc: 380.97 ng/ml



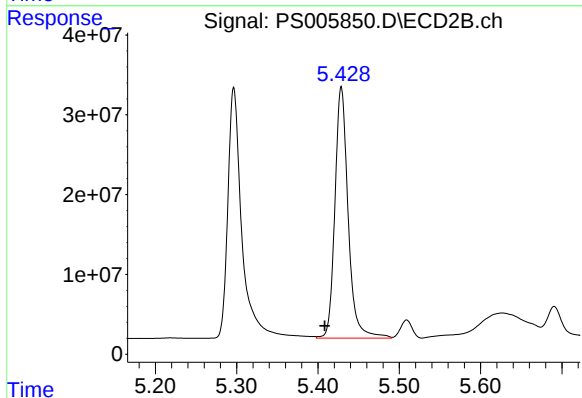
#5 DICAMBA

R.T.: 5.734 min
Delta R.T.: 0.020 min
Response: 585201813
Conc: 97.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

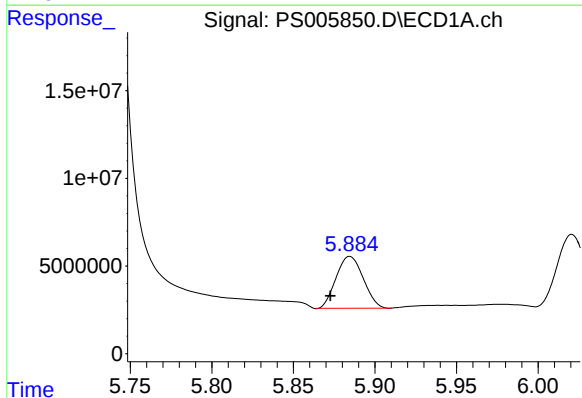
Manual Integrations
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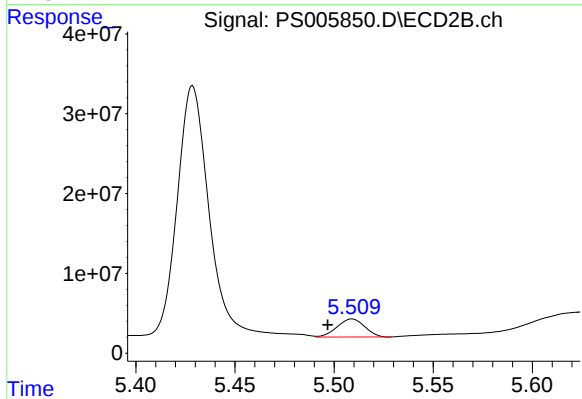
#5 DICAMBA

R.T.: 5.429 min
Delta R.T.: 0.021 min
Response: 356337185
Conc: 95.45 ng/ml



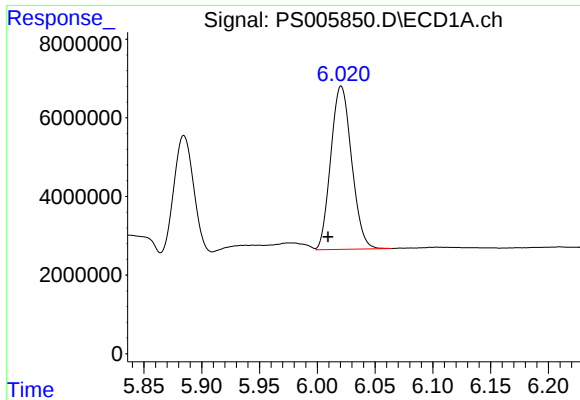
#6 MCP

R.T.: 5.885 min
Delta R.T.: 0.012 min
Response: 34281736
Conc: 7.40 ug/ml



#6 MCP

R.T.: 5.509 min
Delta R.T.: 0.012 min
Response: 21790294
Conc: 7.65 ug/ml



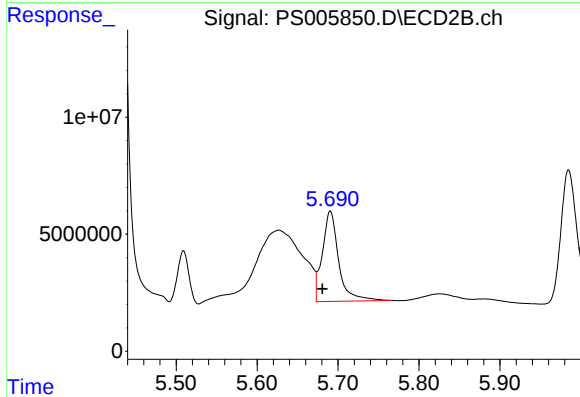
#7 MCPA

R.T.: 6.021 min
Delta R.T.: 0.011 min
Response: 52145749
Conc: 7.99 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

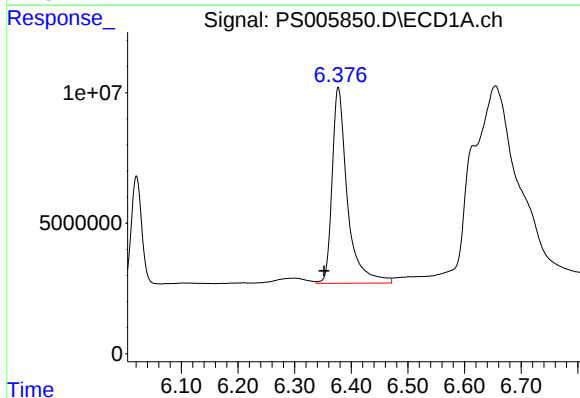
Manual Integrations
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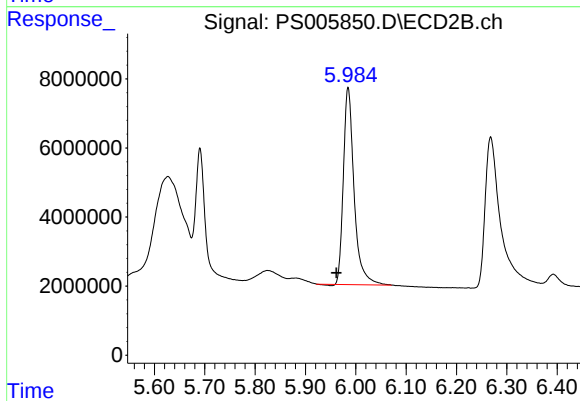
#7 MCPA

R.T.: 5.691 min
Delta R.T.: 0.010 min
Response: 54165649
Conc: 12.87 ug/ml



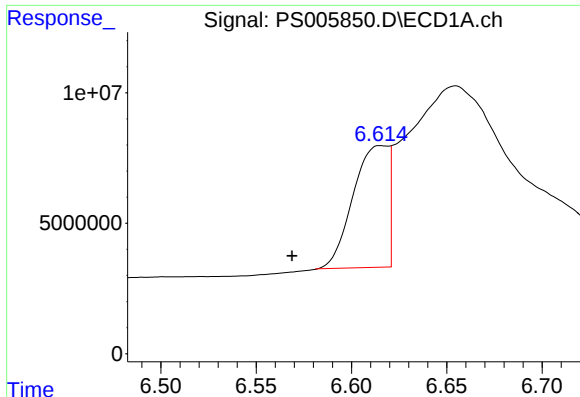
#8 DICHLORPROP

R.T.: 6.377 min
Delta R.T.: 0.025 min
Response: 140415440
Conc: 97.64 ng/ml



#8 DICHLORPROP

R.T.: 5.985 min
Delta R.T.: 0.024 min
Response: 84441832
Conc: 91.43 ng/ml



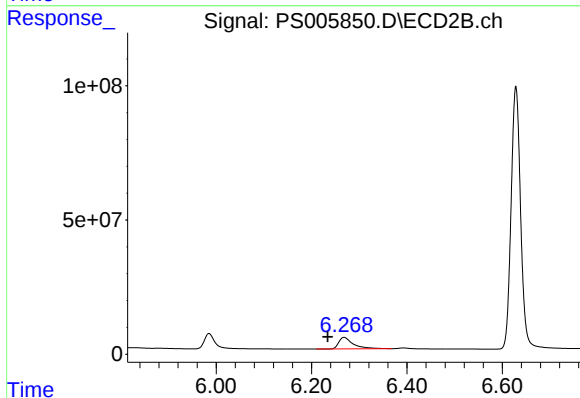
#9 2,4-D

R.T.: 6.614 min
Delta R.T.: 0.045 min
Response: 63495036
Conc: 42.37 ng/ml m

Instrument :
ECD_S
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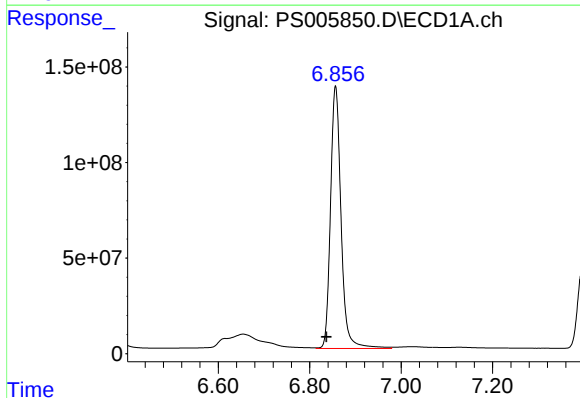
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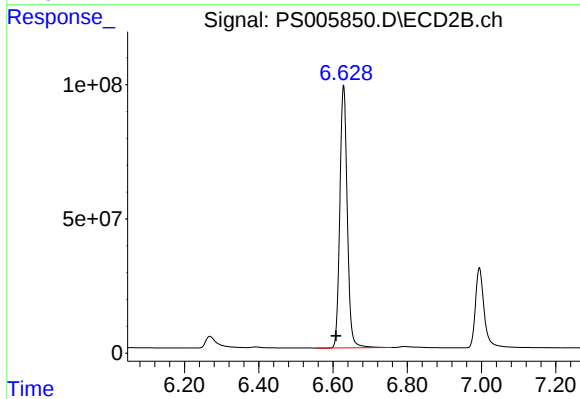
#9 2,4-D

R.T.: 6.268 min
Delta R.T.: 0.034 min
Response: 89324041
Conc: 83.15 ng/ml



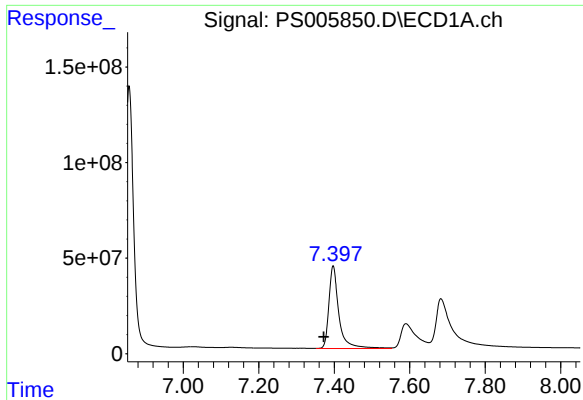
#10 Pentachlorophenol

R.T.: 6.857 min
Delta R.T.: 0.020 min
Response: 2199644752
Conc: 105.22 ng/ml



#10 Pentachlorophenol

R.T.: 6.628 min
Delta R.T.: 0.020 min
Response: 1357901032
Conc: 104.59 ng/ml



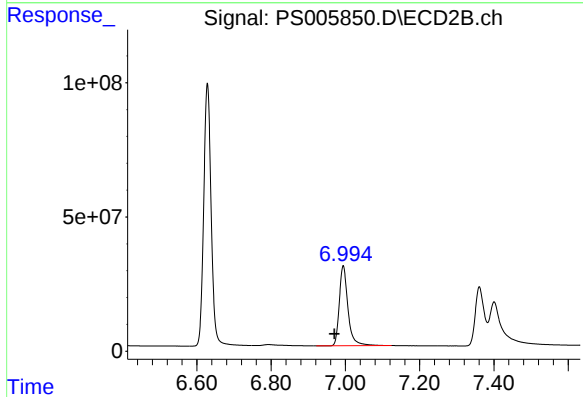
#11 2,4,5-TP (SILVEX)

R.T.: 7.397 min
Delta R.T.: 0.025 min
Response: 793578027
Conc: 96.05 ng/ml

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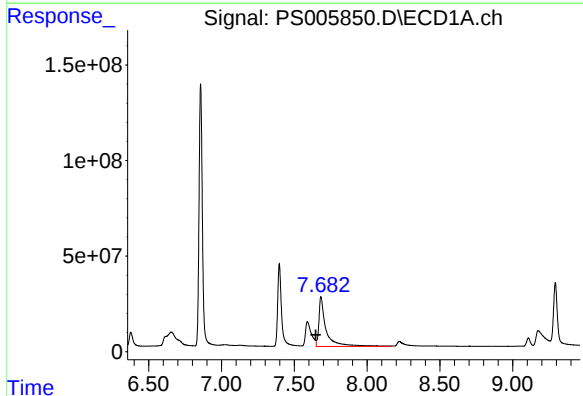
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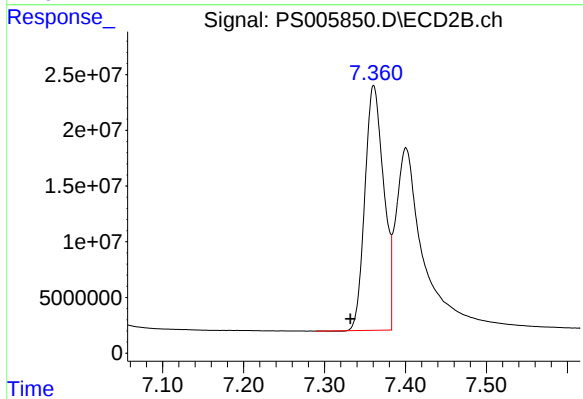
#11 2,4,5-TP (SILVEX)

R.T.: 6.994 min
Delta R.T.: 0.024 min
Response: 481537569
Conc: 92.83 ng/ml



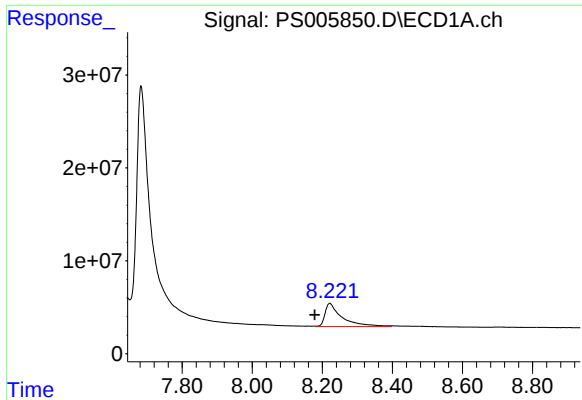
#12 2,4,5-T

R.T.: 7.683 min
Delta R.T.: 0.036 min
Response: 896608609
Conc: 107.42 ng/ml



#12 2,4,5-T

R.T.: 7.361 min
Delta R.T.: 0.029 min
Response: 356192327
Conc: 74.93 ng/ml



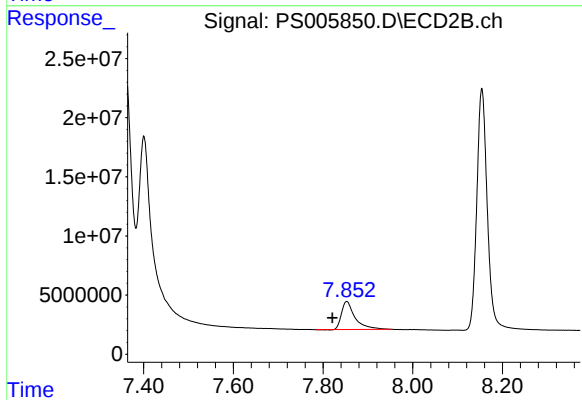
#13 2,4-DB

R.T.: 8.221 min
Delta R.T.: 0.043 min
Response: 85293212
Conc: 80.78 ng/ml m

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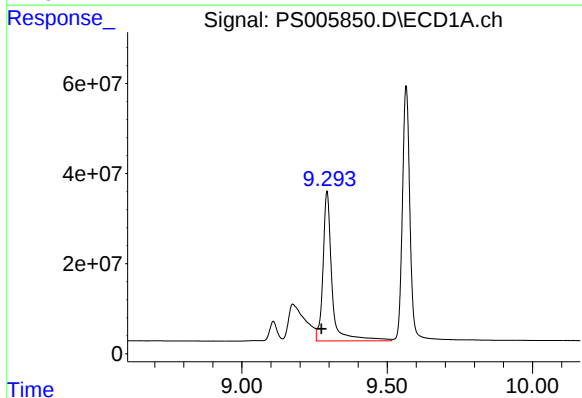
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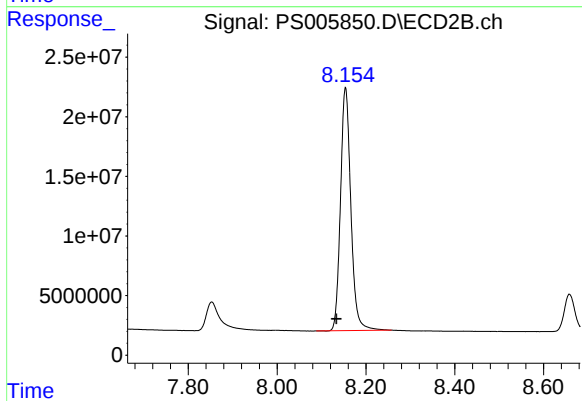
#13 2,4-DB

R.T.: 7.853 min
Delta R.T.: 0.032 min
Response: 49801309
Conc: 76.72 ng/ml



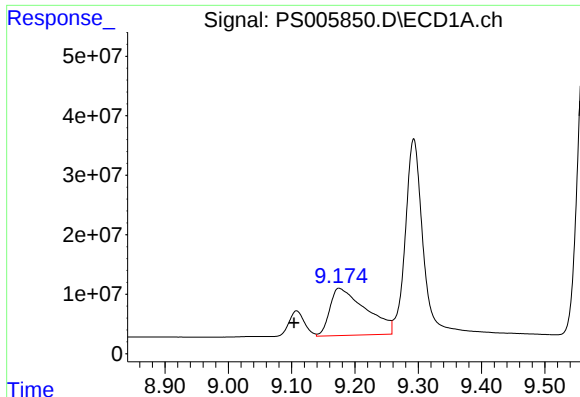
#14 DINOSEB

R.T.: 9.293 min
Delta R.T.: 0.019 min
Response: 718087674
Conc: 110.59 ng/ml



#14 DINOSEB

R.T.: 8.154 min
Delta R.T.: 0.021 min
Response: 329806769
Conc: 88.63 ng/ml



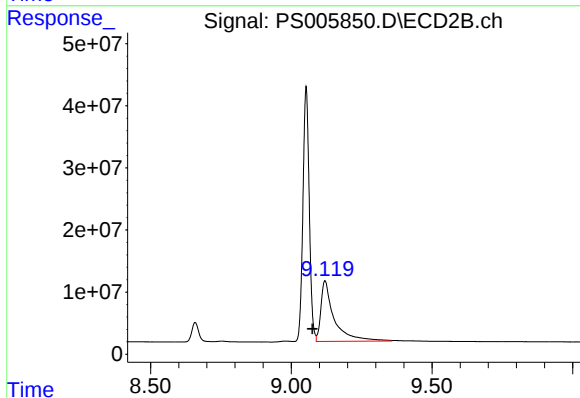
#15 Picloram

R.T.: 9.174 min
Delta R.T.: 0.070 min
Response: 314541299
Conc: 26.87 ng/ml m

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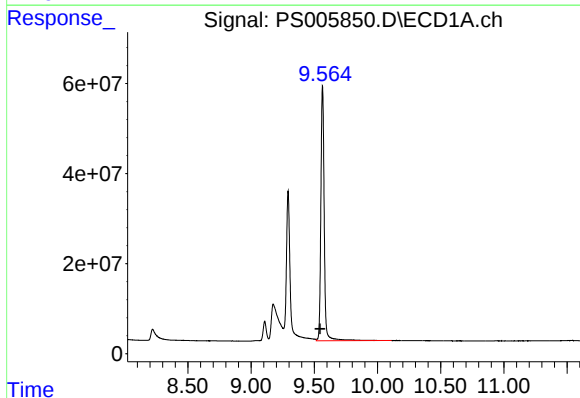
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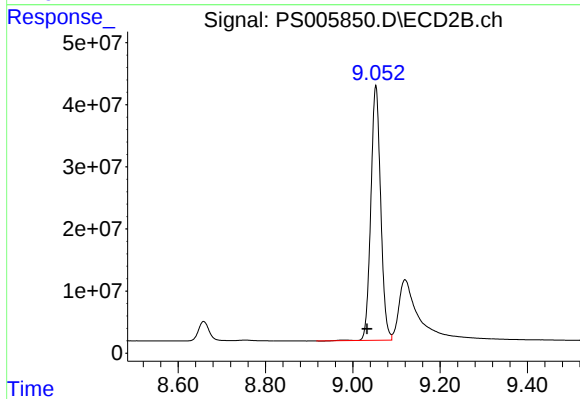
#15 Picloram

R.T.: 9.119 min
Delta R.T.: 0.044 min
Response: 322167960
Conc: 42.89 ng/ml m



#16 DCPA

R.T.: 9.565 min
Delta R.T.: 0.020 min
Response: 1050863810
Conc: 103.34 ng/ml



#16 DCPA

R.T.: 9.053 min
Delta R.T.: 0.020 min
Response: 641934773
Conc: 97.35 ng/ml