

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110221\
 Data File : PS017317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 21:58
 Operator : DD\AJ
 Sample : M4068-01
 Misc : LOD 100 PPB (Sig #1); LOD 150 PPB (Sig #2)
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/03/2021
 Supervised By :mohammad ahmed 11/04/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 02:41:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101821.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 19 01:21:46 2021
 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	7.151	6.738	404.7E6	168.7E6	264.766	288.658
Target Compounds							
1) T	Dalapon	2.985	2.494	213.4E6	77825330	98.258	120.278m
2) T	3,5-DICHL...	6.378	5.938	225.5E6	85038113	104.474	97.910
3) T	4-Nitroph...	6.996	6.370	70774490	27616788	81.149	85.675
5) T	DICAMBA	7.338	6.898	606.0E6	255.4E6	101.172m	100.295
6) T	MCPD	7.502	6.987	38183899	19489198	8.541	9.677
7) T	MCPA	7.649	7.196	61694242	27281374	10.000	9.216
8) T	DICHLORPROP	8.031	7.516	162.8E6	66769849	108.588	103.826
9) T	2,4-D	8.269	7.811	151.3E6	74234954	85.414m	98.641
10) T	Pentachlo...	8.563	8.228	2352.3E6	949.4E6	113.374	116.282
11) T	2,4,5-TP ...	9.115	8.590	871.1E6	357.4E6	107.105	103.674
12) T	2,4,5-T	9.403	8.969	849.5E6	318.3E6	105.764	100.439
13) T	2,4-DB	9.957	9.474	141.2E6	39115105	93.833	94.304
14) T	DINOSEB	11.098	9.795	672.3E6	236.1E6	118.672	107.000
15) T	Picloram	10.932	10.780	1190.9E6	407.3E6	111.493	106.363
16) T	DCPA	11.365	10.724	1174.8E6	460.4E6	115.358	107.892

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

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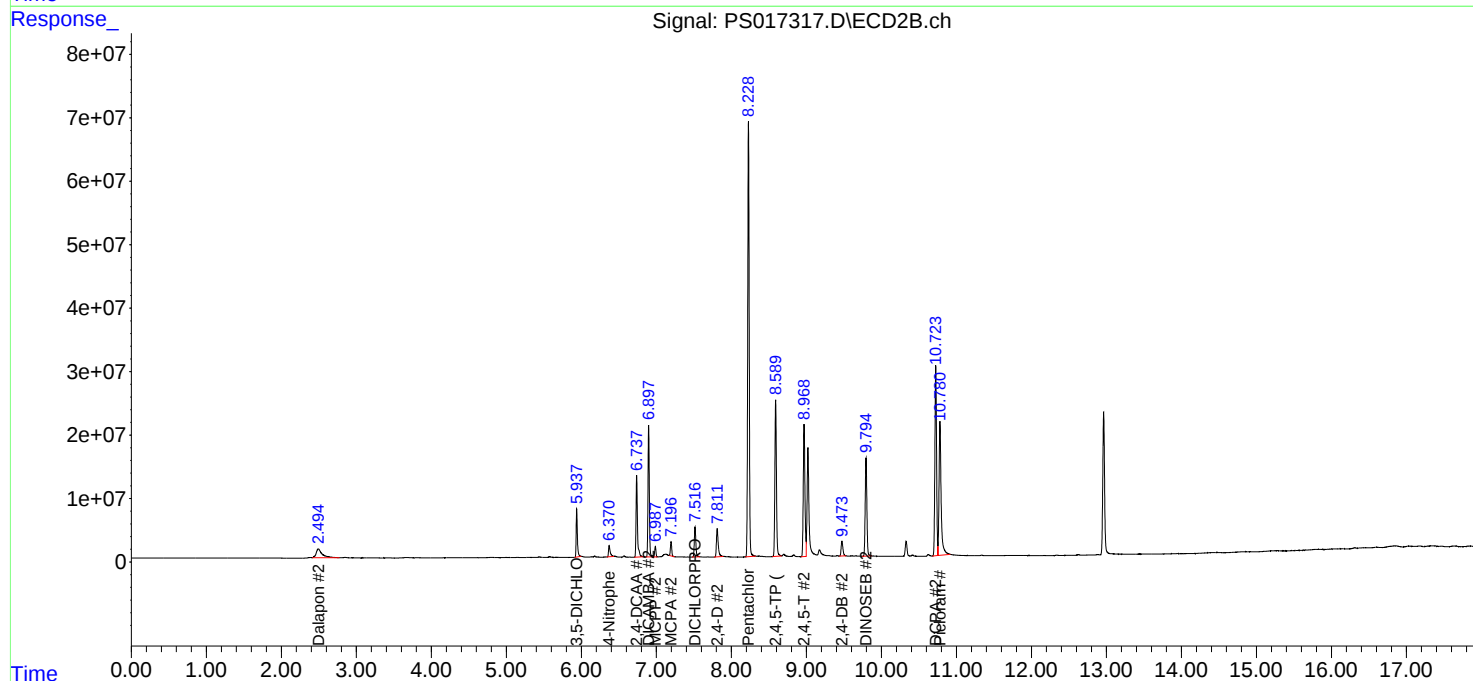
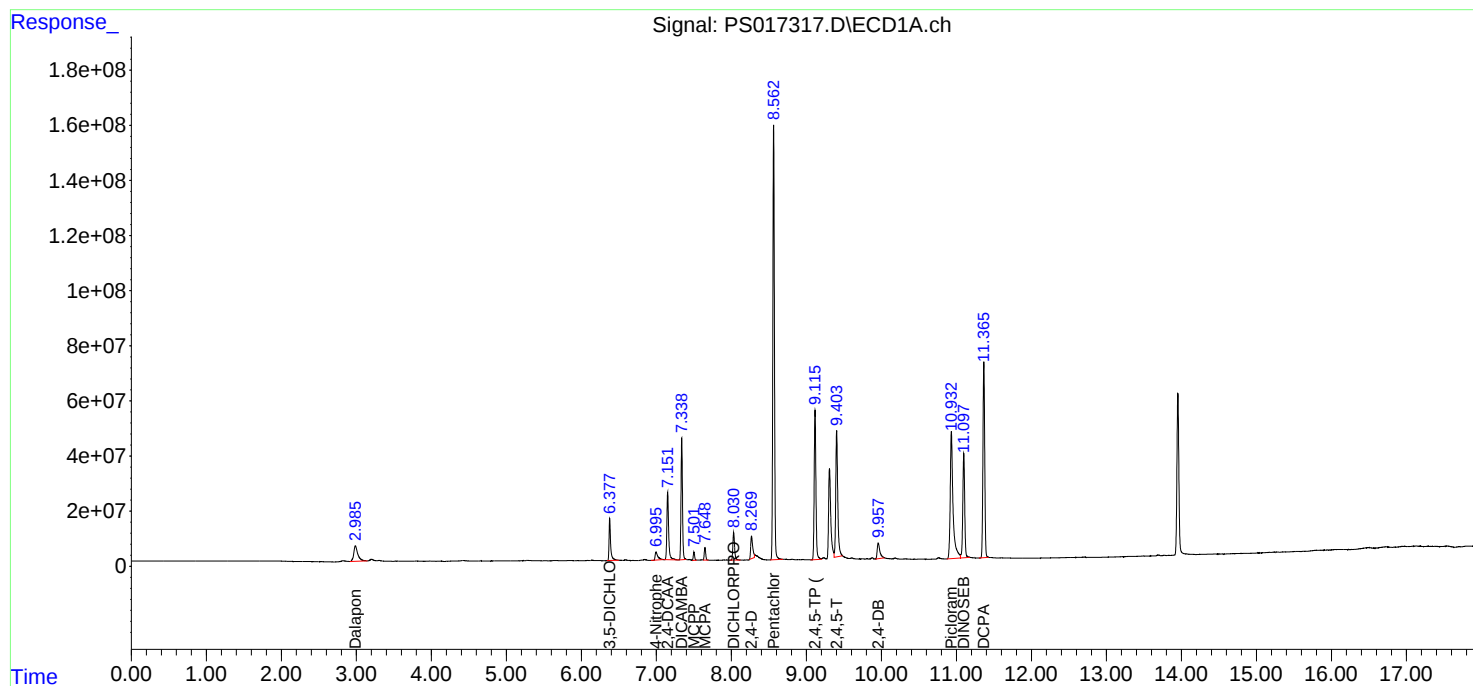
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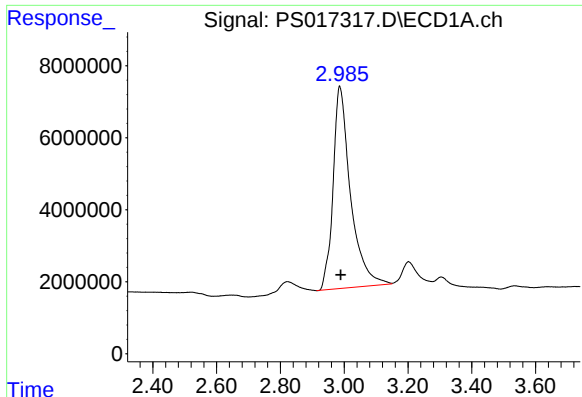
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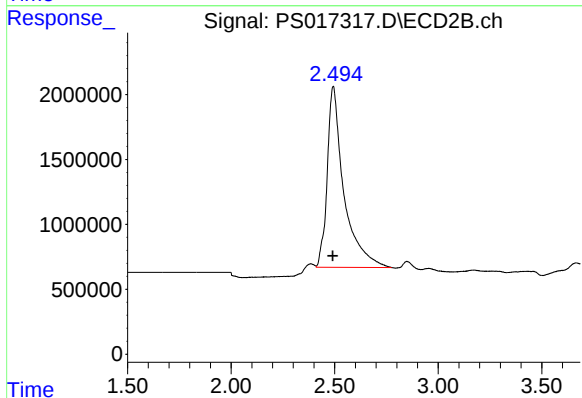
#1 Dalapon

R.T.: 2.985 min
Delta R.T.: -0.004 min
Response: 213358462
Conc: 98.26 ng/ml

Instrument :
ECD_S
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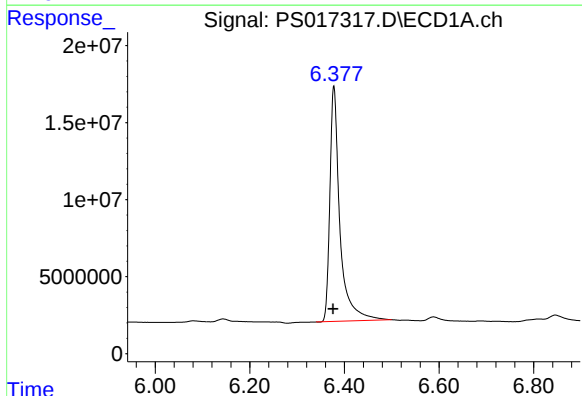
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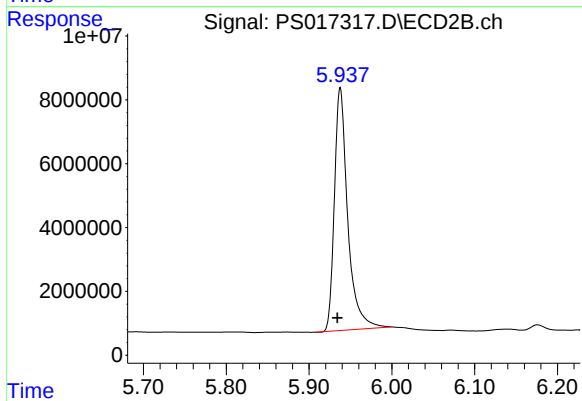
#1 Dalapon

R.T.: 2.494 min
Delta R.T.: 0.003 min
Response: 77825330
Conc: 120.28 ng/ml m



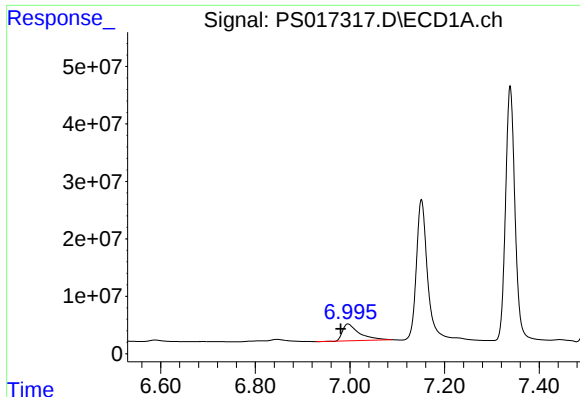
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.378 min
Delta R.T.: 0.002 min
Response: 225527759
Conc: 104.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.938 min
Delta R.T.: 0.004 min
Response: 85038113
Conc: 97.91 ng/ml



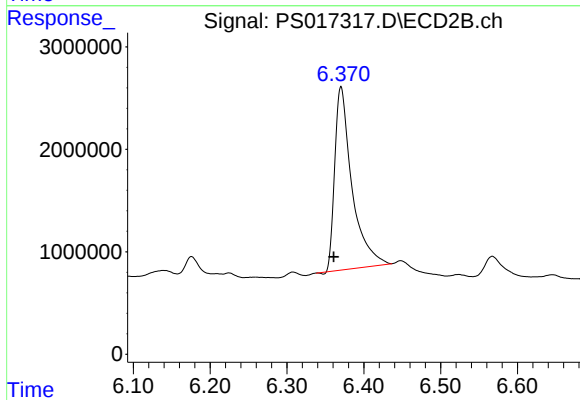
#3 4-Nitrophenol

R.T.: 6.996 min
Delta R.T.: 0.016 min
Response: 70774490
Conc: 81.15 ng/ml

Instrument :
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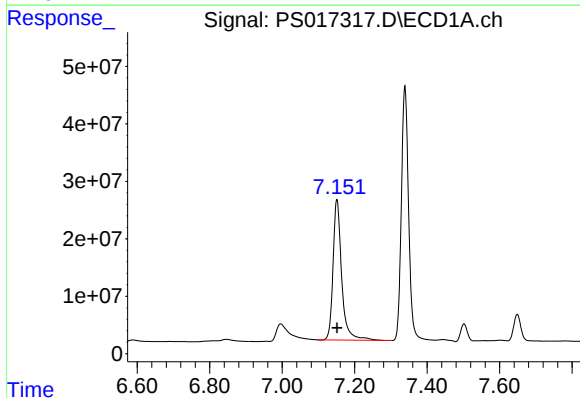
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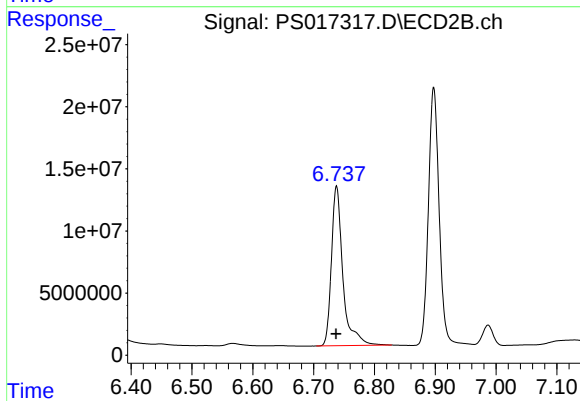
#3 4-Nitrophenol

R.T.: 6.370 min
Delta R.T.: 0.009 min
Response: 27616788
Conc: 85.67 ng/ml



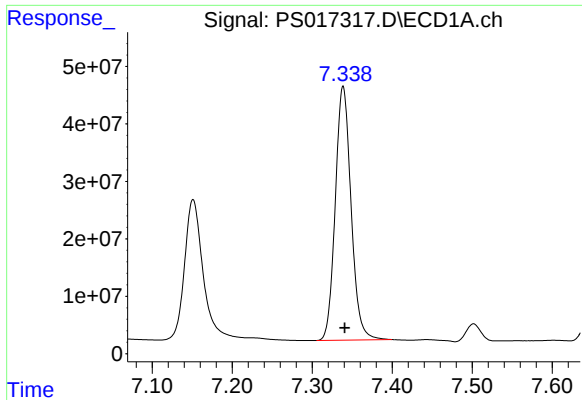
#4 2,4-DCAA

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 404684543
Conc: 264.77 ng/ml



#4 2,4-DCAA

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 168703814
Conc: 288.66 ng/ml



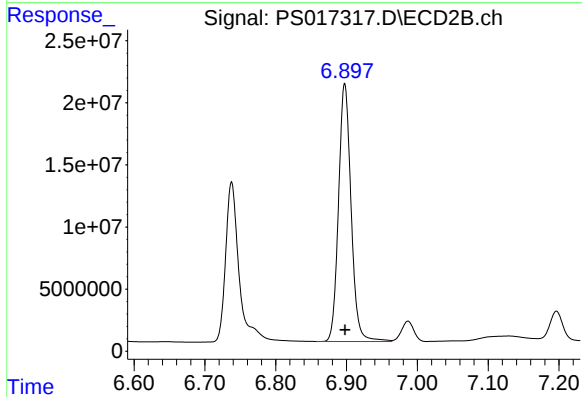
#5 DICAMBA

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 605990141
Conc: 101.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

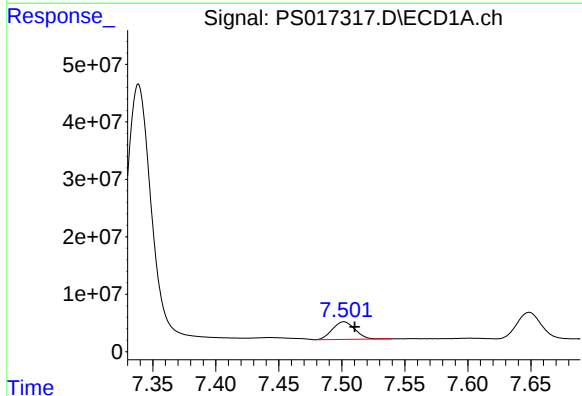
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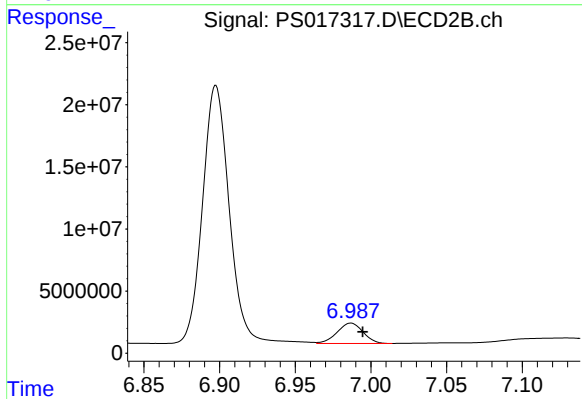
#5 DICAMBA

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 255357329
Conc: 100.29 ng/ml



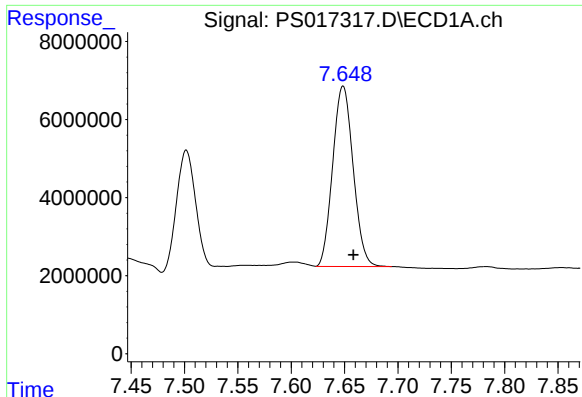
#6 MCP

R.T.: 7.502 min
Delta R.T.: -0.009 min
Response: 38183899
Conc: 8.54 ug/ml



#6 MCP

R.T.: 6.987 min
Delta R.T.: -0.008 min
Response: 19489198
Conc: 9.68 ug/ml



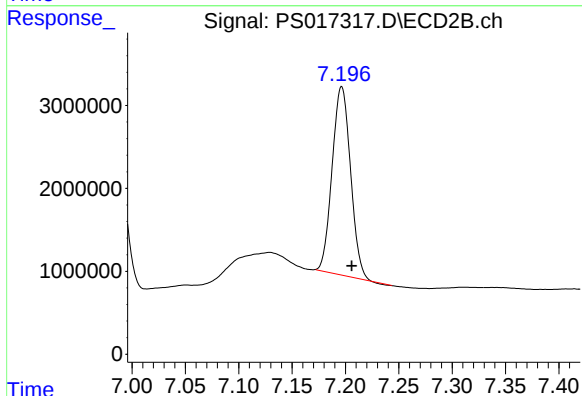
#7 MCPA

R.T.: 7.649 min
Delta R.T.: -0.010 min
Response: 61694242
Conc: 10.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
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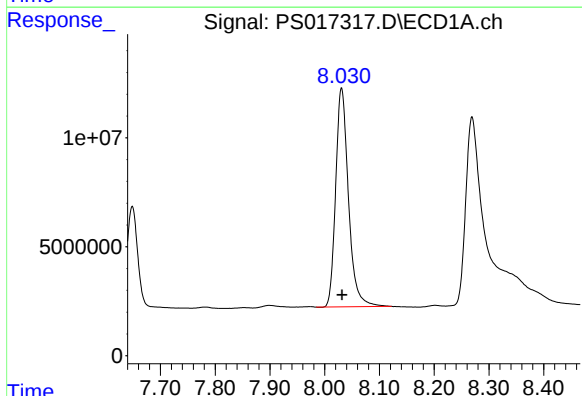
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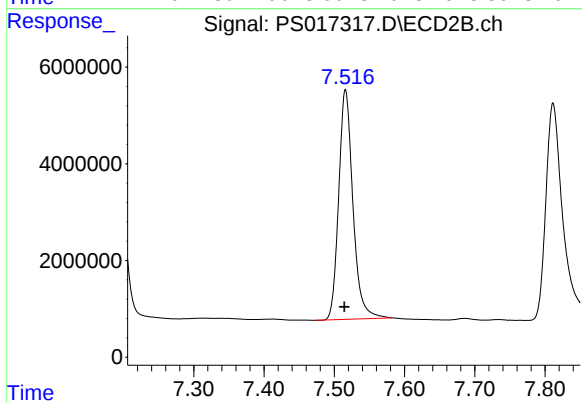
#7 MCPA

R.T.: 7.196 min
Delta R.T.: -0.009 min
Response: 27281374
Conc: 9.22 ug/ml



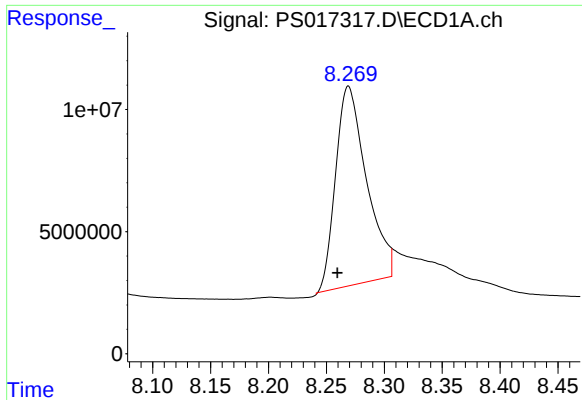
#8 DICHLORPROP

R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 162815389
Conc: 108.59 ng/ml



#8 DICHLORPROP

R.T.: 7.516 min
Delta R.T.: 0.002 min
Response: 66769849
Conc: 103.83 ng/ml



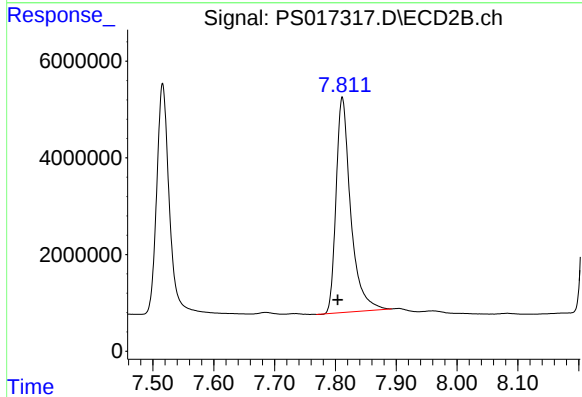
#9 2,4-D

R.T.: 8.269 min
Delta R.T.: 0.009 min
Response: 151284542
Conc: 85.41 ng/ml

Instrument :
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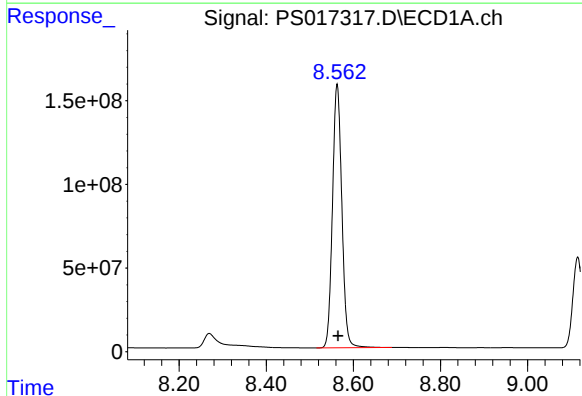
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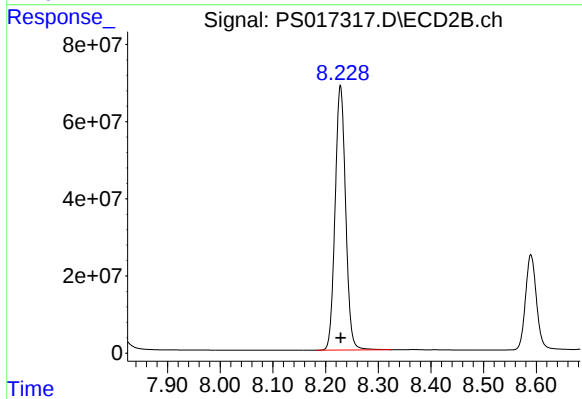
#9 2,4-D

R.T.: 7.811 min
Delta R.T.: 0.008 min
Response: 74234954
Conc: 98.64 ng/ml



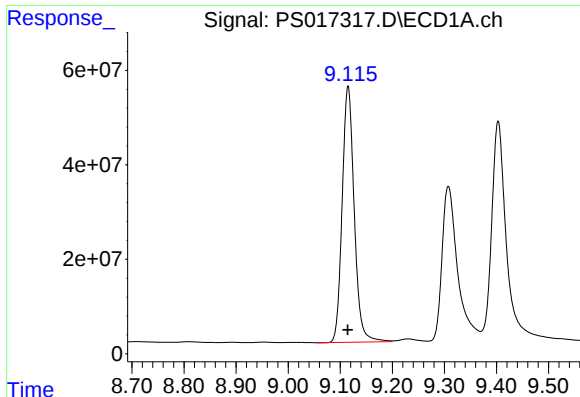
#10 Pentachlorophenol

R.T.: 8.563 min
Delta R.T.: -0.002 min
Response: 2352281149
Conc: 113.37 ng/ml



#10 Pentachlorophenol

R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 949400769
Conc: 116.28 ng/ml



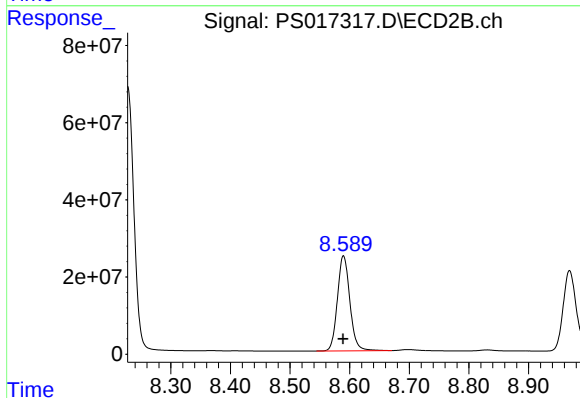
#11 2,4,5-TP (SILVEX)

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 871057038
Conc: 107.11 ng/ml

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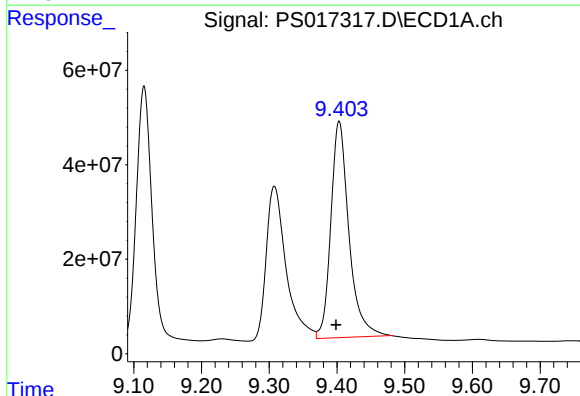
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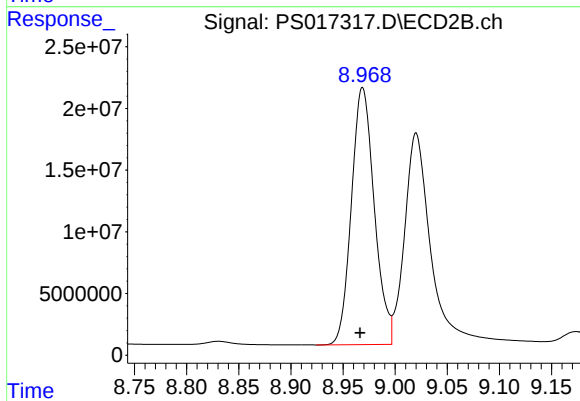
#11 2,4,5-TP (SILVEX)

R.T.: 8.590 min
Delta R.T.: 0.000 min
Response: 357378189
Conc: 103.67 ng/ml



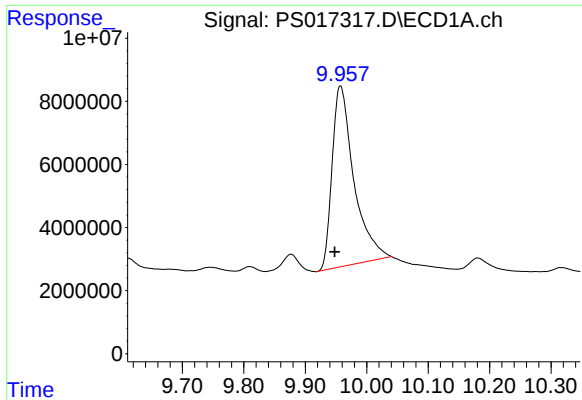
#12 2,4,5-T

R.T.: 9.403 min
Delta R.T.: 0.005 min
Response: 849510641
Conc: 105.76 ng/ml



#12 2,4,5-T

R.T.: 8.969 min
Delta R.T.: 0.002 min
Response: 318339232
Conc: 100.44 ng/ml



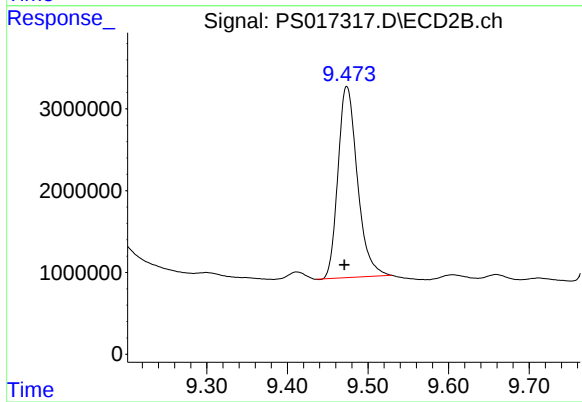
#13 2,4-DB

R.T.: 9.957 min
Delta R.T.: 0.009 min
Response: 141156742
Conc: 93.83 ng/ml

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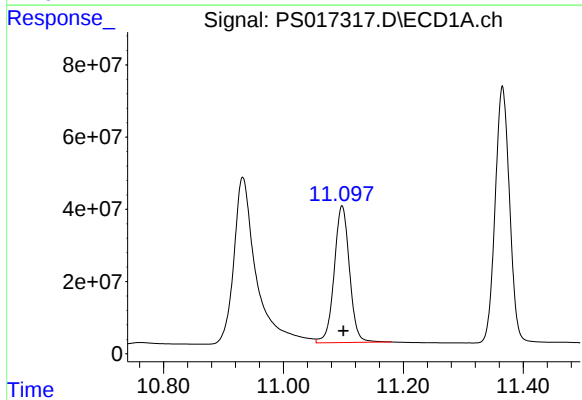
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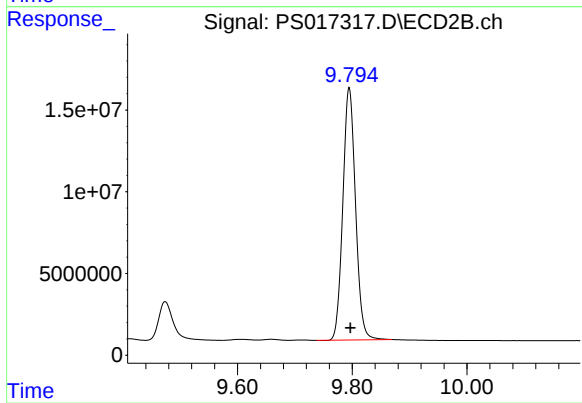
#13 2,4-DB

R.T.: 9.474 min
Delta R.T.: 0.003 min
Response: 39115105
Conc: 94.30 ng/ml



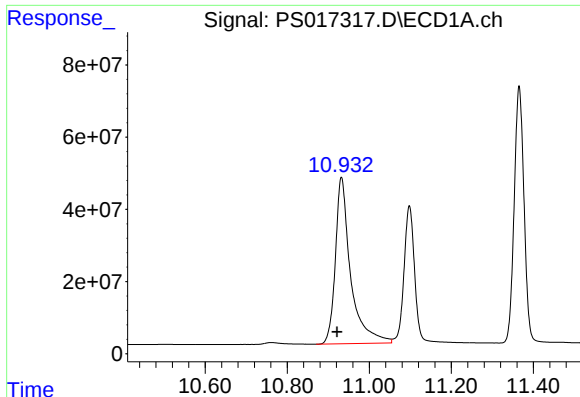
#14 DINOSEB

R.T.: 11.098 min
Delta R.T.: -0.002 min
Response: 672254192
Conc: 118.67 ng/ml



#14 DINOSEB

R.T.: 9.795 min
Delta R.T.: -0.002 min
Response: 236103011
Conc: 107.00 ng/ml



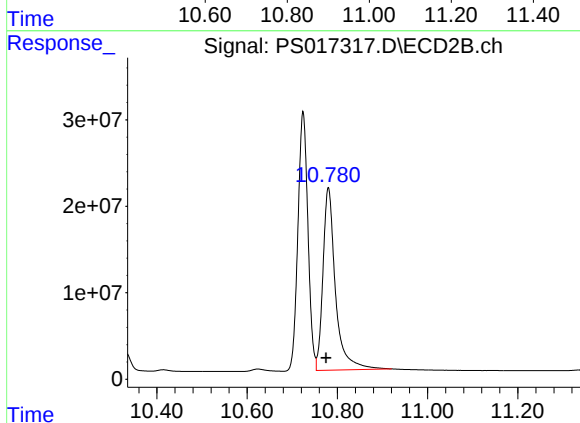
#15 Picloram

R.T.: 10.932 min
Delta R.T.: 0.010 min
Response: 1190906544
Conc: 111.49 ng/ml

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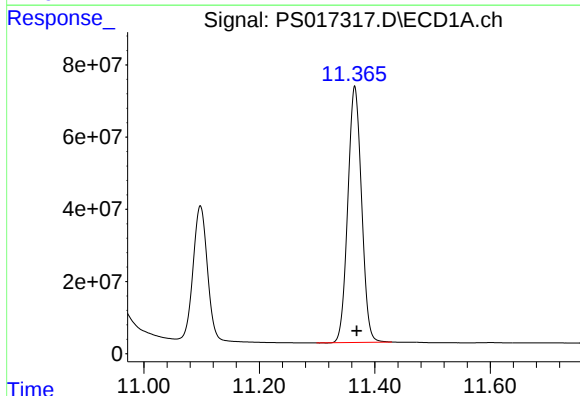
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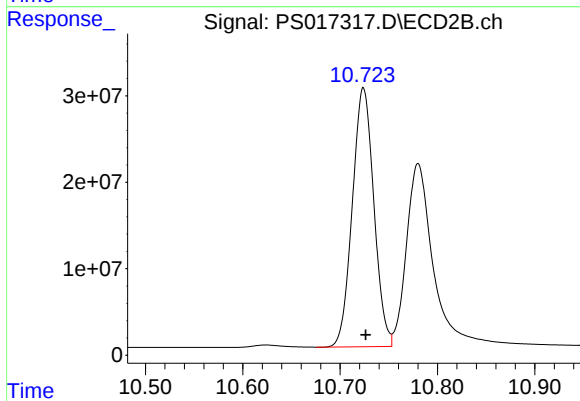
#15 Picloram

R.T.: 10.780 min
Delta R.T.: 0.005 min
Response: 407340357
Conc: 106.36 ng/ml



#16 DCPA

R.T.: 11.365 min
Delta R.T.: -0.003 min
Response: 1174833268
Conc: 115.36 ng/ml



#16 DCPA

R.T.: 10.724 min
Delta R.T.: -0.003 min
Response: 460402418
Conc: 107.89 ng/ml