

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062922\
 Data File : PS019842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 11:27
 Operator : AJ\MA
 Sample : N3214-01
 Misc : LOD 150 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/12/2022
 Supervised By : Ankita Jodhani 07/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 04:15:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS062722.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 27 17:26:48 2022
 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 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	7.193	6.778	1196.9E6	413.5E6	461.461	509.167
Target Compounds							
1) T	Dalapon	3.009	2.523	472.9E6	98159063	97.551	92.485m
2) T	3,5-DICHL...	6.409	5.961	460.3E6	138.5E6	134.378	108.359
3) T	4-Nitroph...	7.037	6.406	112.4E6	33300876	105.605	76.994 #
5) T	DICAMBA	7.382	6.942	1351.2E6	435.5E6	131.685	119.393
6) T	MCPD	7.546	7.032	100.8E6	33106848	12.560	11.534
7) T	MCPA	7.692	7.241	164.3E6	56568252	14.019	13.976
8) T	DICHLORPROP	8.074	7.563	366.1E6	122.8E6	135.226	130.587
9) T	2,4-D	8.309	7.858	350.4E6	164.4E6	117.976	145.918
10) T	Pentachlo...	8.609	8.279	5883.7E6	1828.2E6	162.924	148.065
11) T	2,4,5-TP ...	9.159	8.639	2389.2E6	729.8E6	149.363	137.714
12) T	2,4,5-T	9.445	9.020	2260.9E6	592.8E6	122.877	121.350
13) T	2,4-DB	10.001	9.527	336.3E6	89165657	84.053m	137.290 #
14) T	DINOSEB	11.149	9.847	2382.7E6	437.3E6	146.556	122.686
15) T	Picloram	10.991	10.839	3219.4E6	632.7E6	103.242	97.290
16) T	DCPA	11.419	10.775	3270.7E6	903.9E6	126.784	139.476

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

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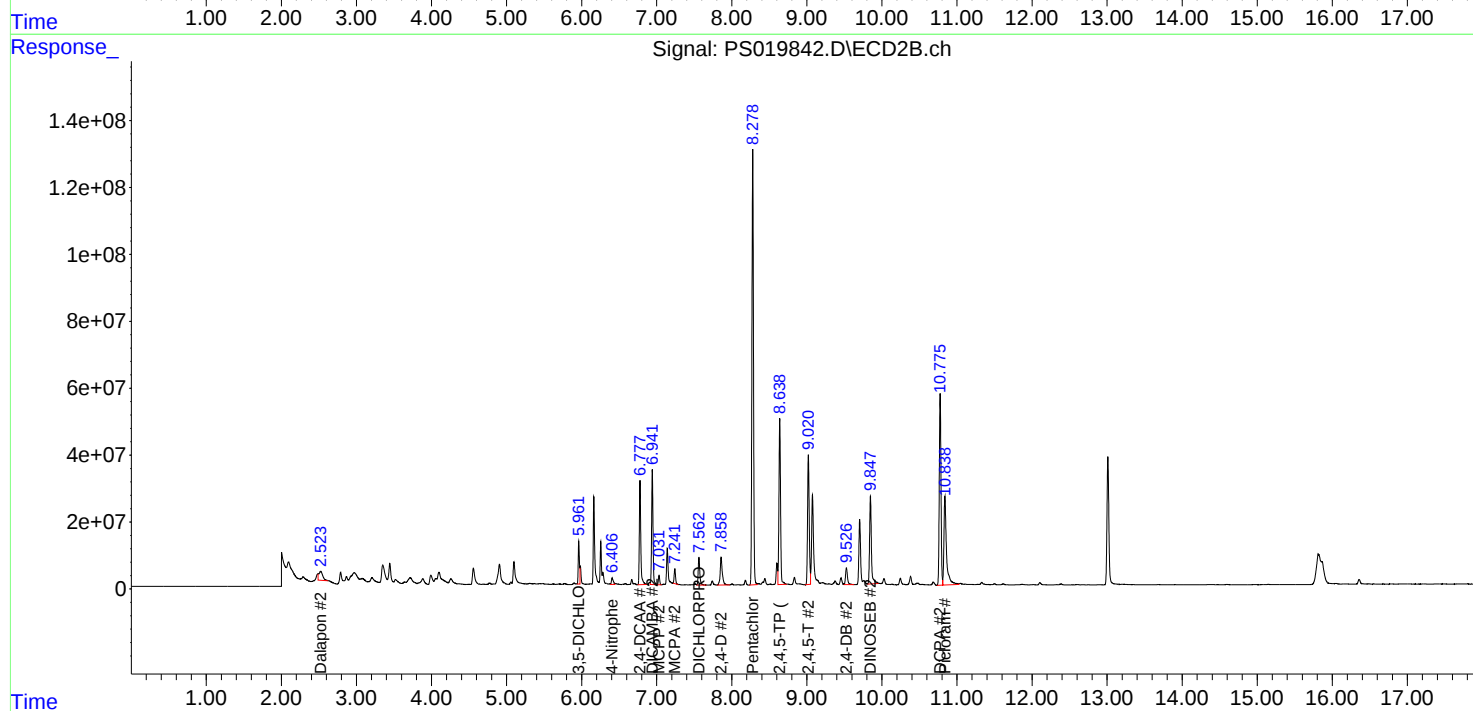
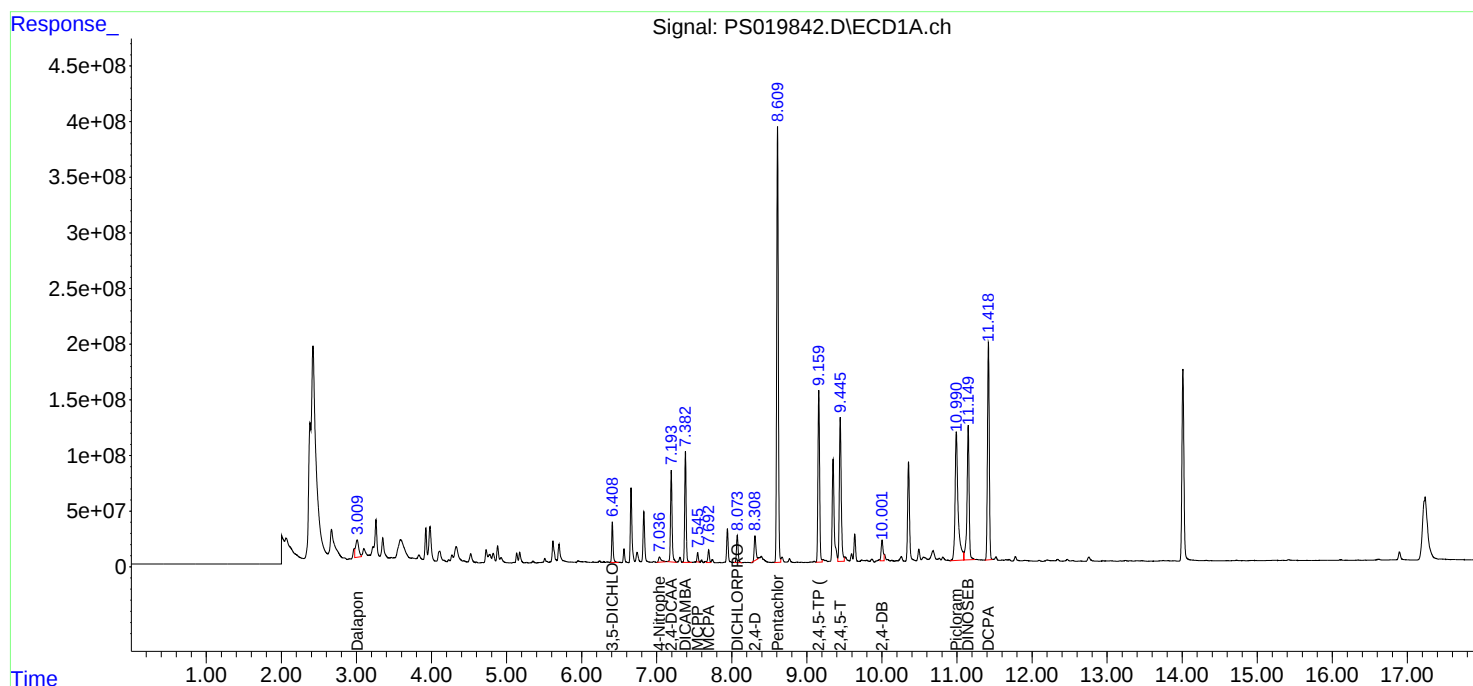
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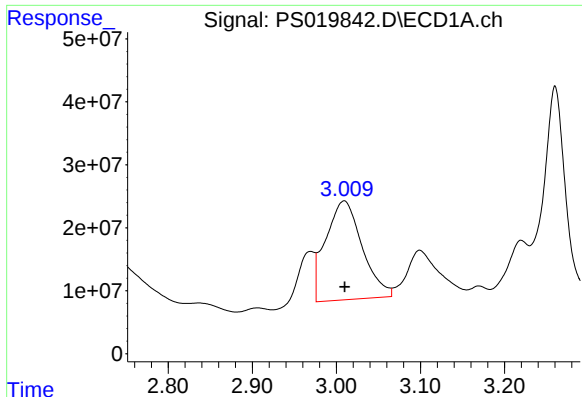
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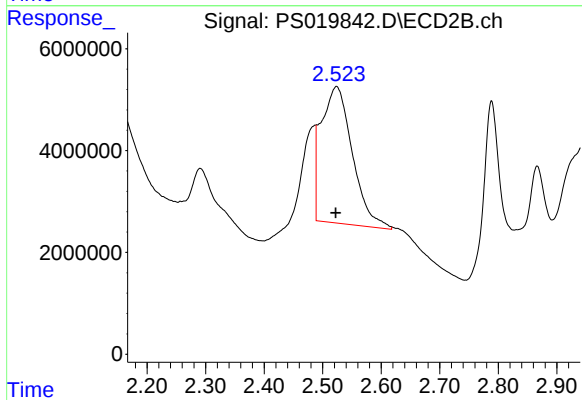
#1 Dalapon

R.T.: 3.009 min
Delta R.T.: 0.000 min
Response: 472850803
Conc: 97.55 ng/ml

Instrument :
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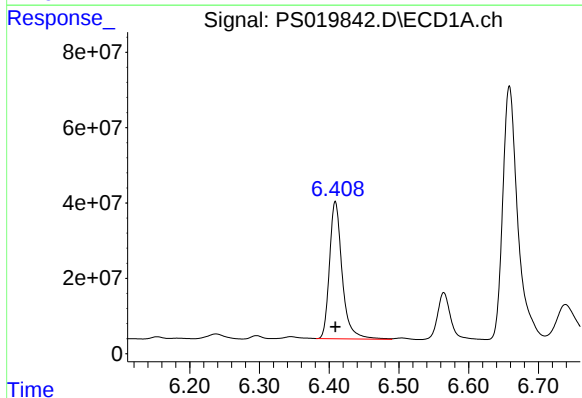
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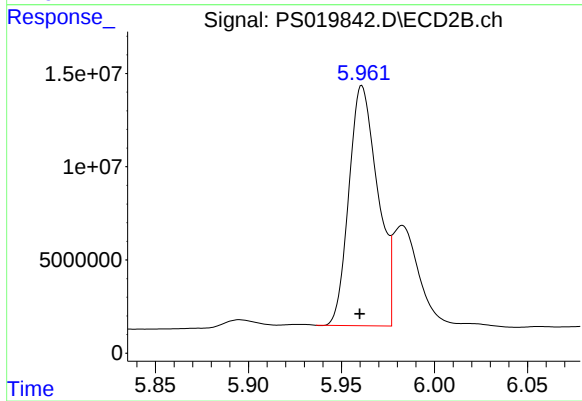
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: 0.000 min
Response: 98159063
Conc: 92.48 ng/ml m



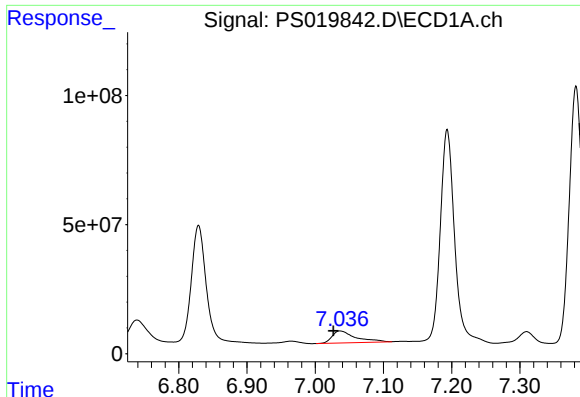
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 460294889
Conc: 134.38 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.961 min
Delta R.T.: 0.001 min
Response: 138468543
Conc: 108.36 ng/ml



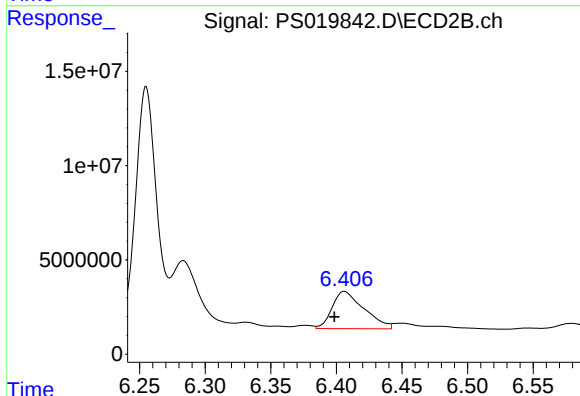
#3 4-Nitrophenol

R.T.: 7.037 min
Delta R.T.: 0.010 min
Response: 112403071
Conc: 105.60 ng/ml

Instrument :
ECD_S
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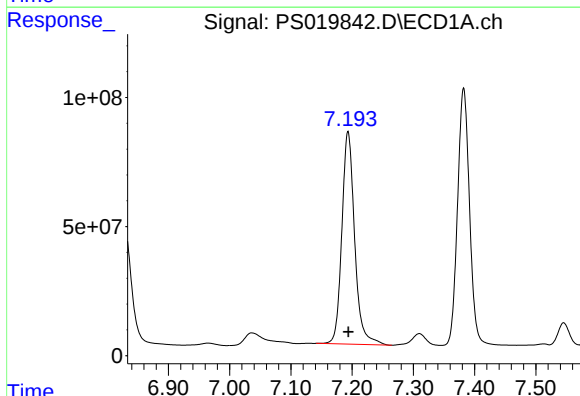
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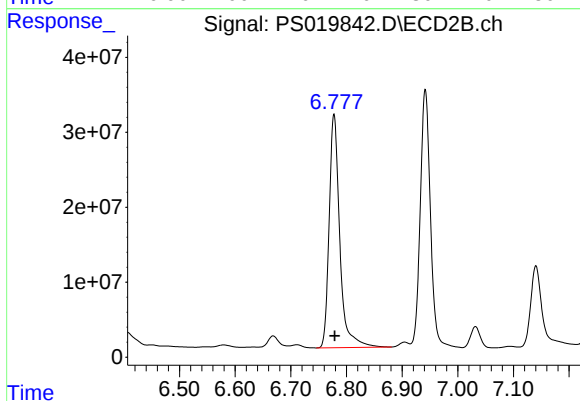
#3 4-Nitrophenol

R.T.: 6.406 min
Delta R.T.: 0.008 min
Response: 33300876
Conc: 76.99 ng/ml



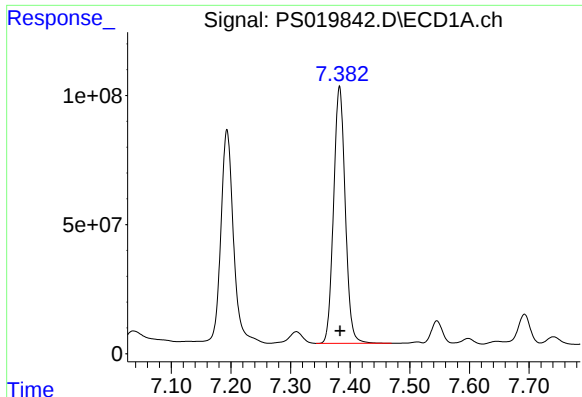
#4 2,4-DCAA

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 1196868307
Conc: 461.46 ng/ml



#4 2,4-DCAA

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 413517698
Conc: 509.17 ng/ml



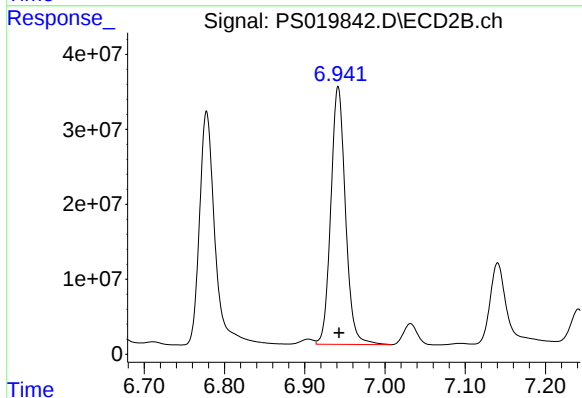
#5 DICAMBA

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 1351220105
Conc: 131.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
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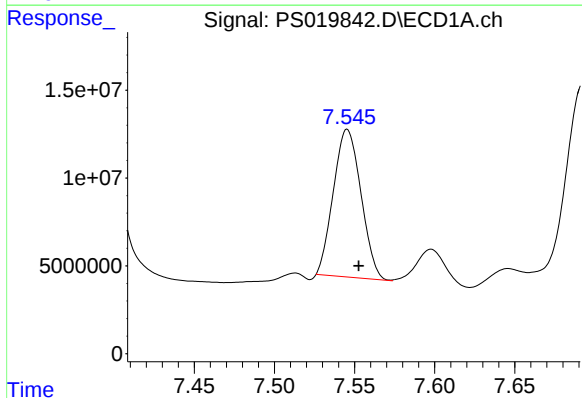
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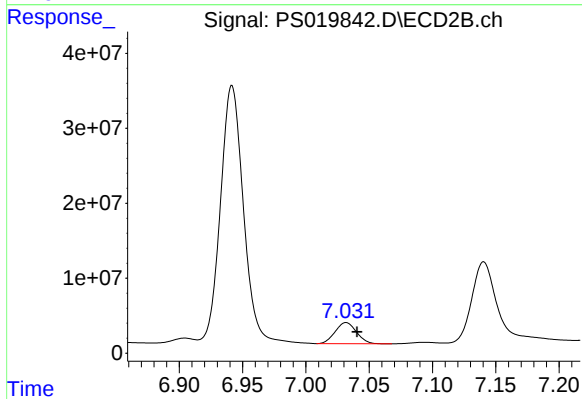
#5 DICAMBA

R.T.: 6.942 min
Delta R.T.: -0.001 min
Response: 435540802
Conc: 119.39 ng/ml



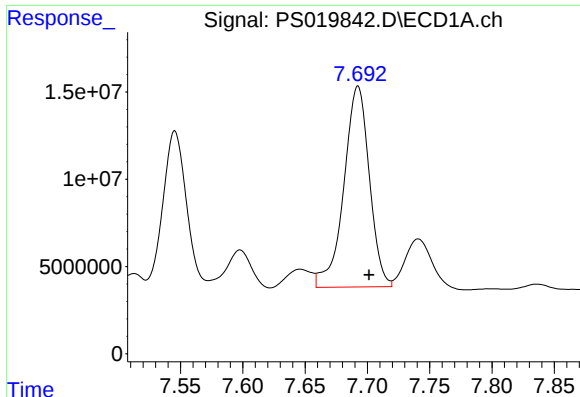
#6 MCP

R.T.: 7.546 min
Delta R.T.: -0.007 min
Response: 100769836
Conc: 12.56 ug/ml



#6 MCP

R.T.: 7.032 min
Delta R.T.: -0.009 min
Response: 33106848
Conc: 11.53 ug/ml



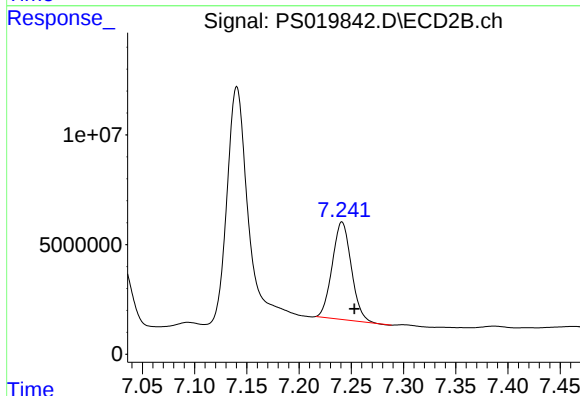
#7 MCPA

R.T.: 7.692 min
Delta R.T.: -0.009 min
Response: 164271011
Conc: 14.02 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

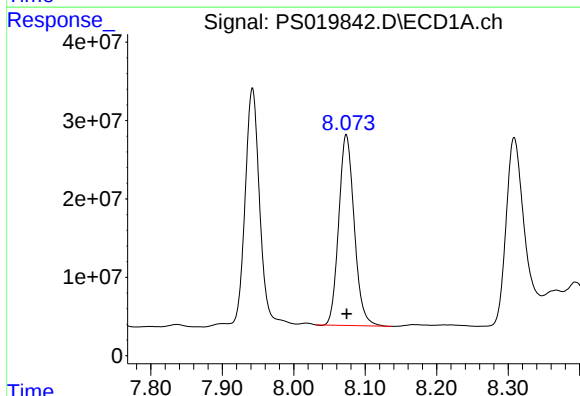
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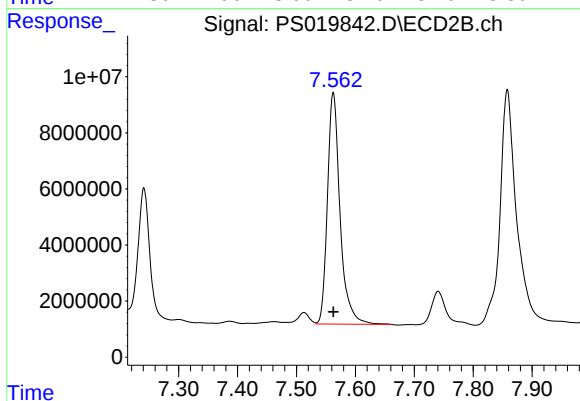
#7 MCPA

R.T.: 7.241 min
Delta R.T.: -0.012 min
Response: 56568252
Conc: 13.98 ug/ml



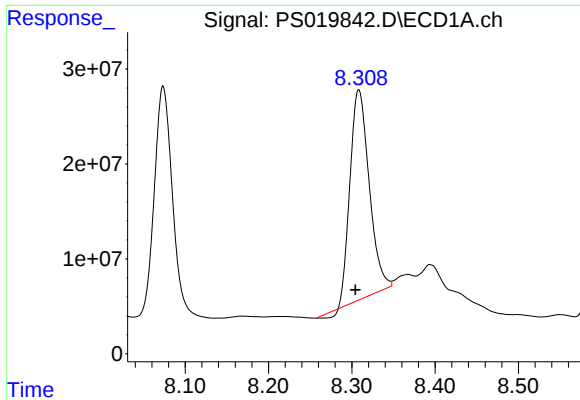
#8 DICHLORPROP

R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 366122951
Conc: 135.23 ng/ml



#8 DICHLORPROP

R.T.: 7.563 min
Delta R.T.: 0.000 min
Response: 122845610
Conc: 130.59 ng/ml



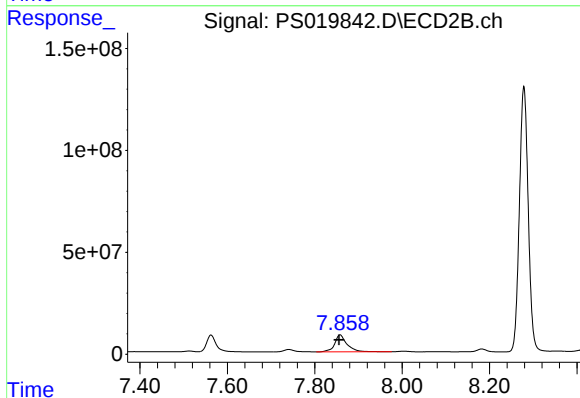
#9 2,4-D

R.T.: 8.309 min
Delta R.T.: 0.004 min
Response: 350403629
Conc: 117.98 ng/ml

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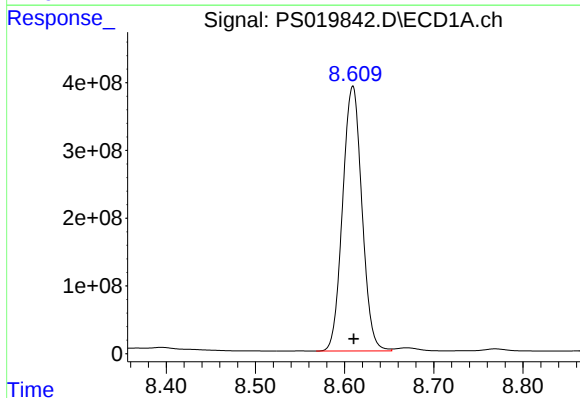
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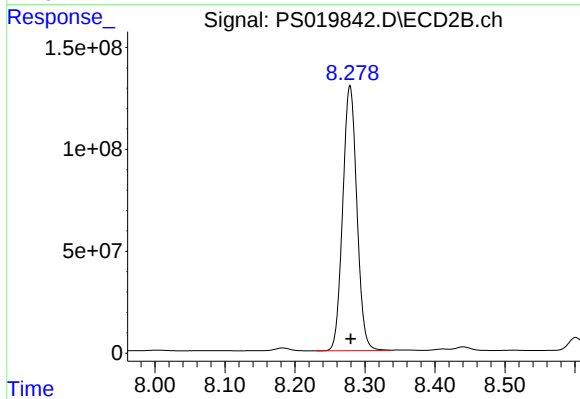
#9 2,4-D

R.T.: 7.858 min
Delta R.T.: 0.002 min
Response: 164406017
Conc: 145.92 ng/ml



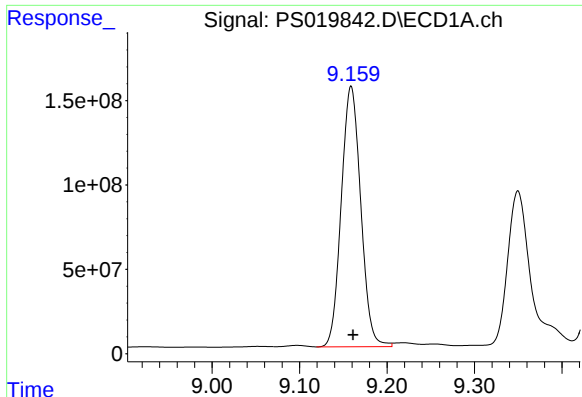
#10 Pentachlorophenol

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 5883680181
Conc: 162.92 ng/ml



#10 Pentachlorophenol

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 1828184796
Conc: 148.06 ng/ml



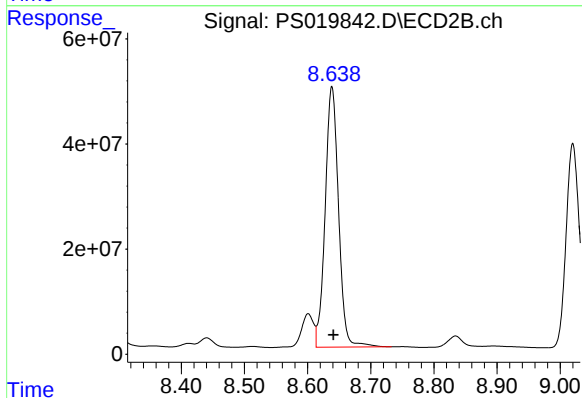
#11 2,4,5-TP (SILVEX)

R.T.: 9.159 min
Delta R.T.: -0.002 min
Response: 2389163899
Conc: 149.36 ng/ml

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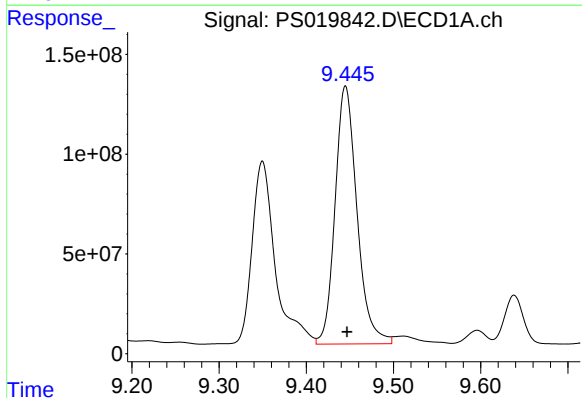
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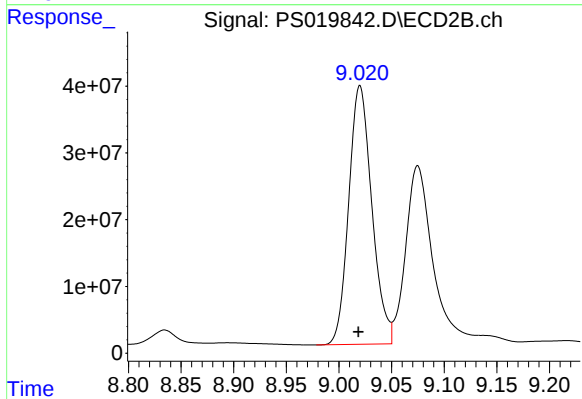
#11 2,4,5-TP (SILVEX)

R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 729833205
Conc: 137.71 ng/ml



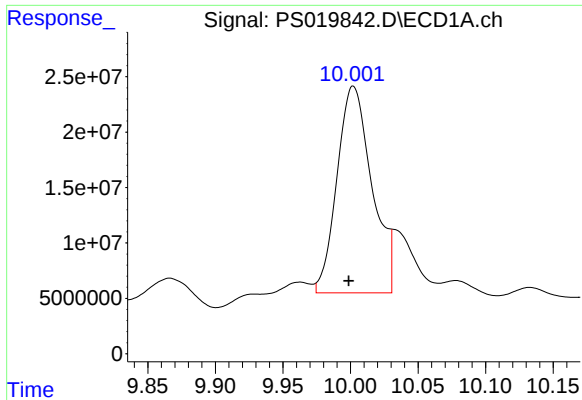
#12 2,4,5-T

R.T.: 9.445 min
Delta R.T.: -0.002 min
Response: 2260934079
Conc: 122.88 ng/ml



#12 2,4,5-T

R.T.: 9.020 min
Delta R.T.: 0.001 min
Response: 592837439
Conc: 121.35 ng/ml



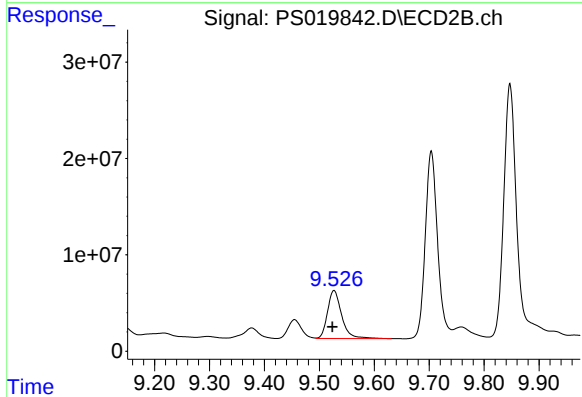
#13 2,4-DB

R.T.: 10.001 min
Delta R.T.: 0.003 min
Response: 336348780
Conc: 84.05 ng/ml

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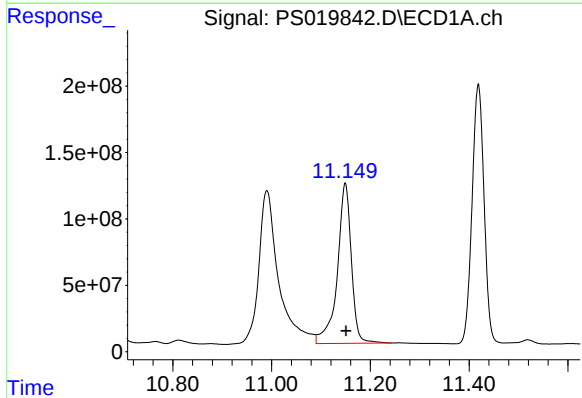
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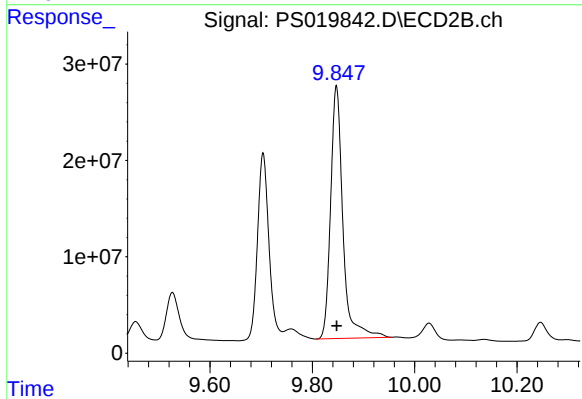
#13 2,4-DB

R.T.: 9.527 min
Delta R.T.: 0.003 min
Response: 89165657
Conc: 137.29 ng/ml



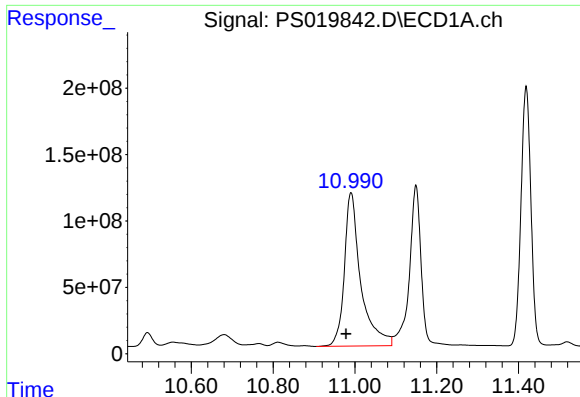
#14 DINOSEB

R.T.: 11.149 min
Delta R.T.: -0.002 min
Response: 2382654422
Conc: 146.56 ng/ml



#14 DINOSEB

R.T.: 9.847 min
Delta R.T.: 0.000 min
Response: 437277506
Conc: 122.69 ng/ml



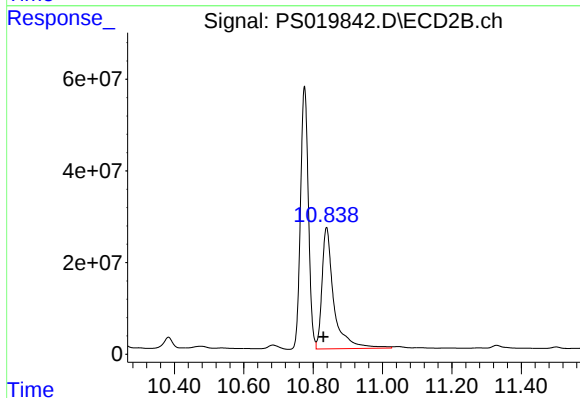
#15 Picloram

R.T.: 10.991 min
Delta R.T.: 0.012 min
Response: 3219391575
Conc: 103.24 ng/ml

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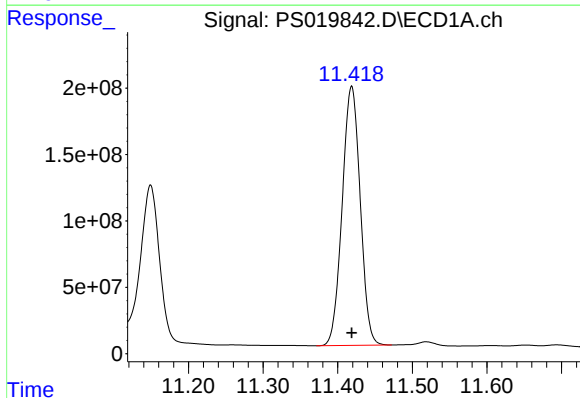
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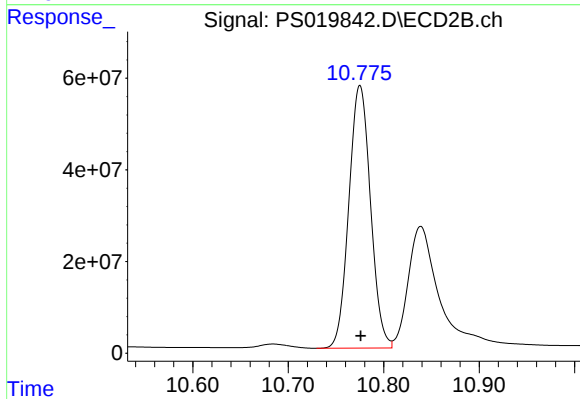
#15 Picloram

R.T.: 10.839 min
Delta R.T.: 0.009 min
Response: 632735546
Conc: 97.29 ng/ml



#16 DCPA

R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 3270669607
Conc: 126.78 ng/ml



#16 DCPA

R.T.: 10.775 min
Delta R.T.: 0.000 min
Response: 903916429
Conc: 139.48 ng/ml