

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS063022\
 Data File : PS019854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 11:36
 Operator : AJ\MA
 Sample : N3214-03
 Misc : MDL 100 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-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 04:41:39 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	7.194	6.778	1120.4E6	387.1E6	431.985	476.682
Target Compounds							
1) T	Dalapon	3.008	2.523	332.5E6	66651797	68.592	62.799m
2) T	3,5-DICHL...	6.410	5.962	303.6E6	81780220	88.638	63.998 #
3) T	4-Nitroph...	7.043	6.411	63014751	21129894	59.204m	48.854
5) T	DICAMBA	7.382	6.942	916.5E6	300.8E6	89.322	82.456
6) T	MCPD	7.546	7.031	75659116	22020289	9.430	7.671
7) T	MCPA	7.691	7.241	111.3E6	38687868	9.495m	9.558
8) T	DICHLORPROP	8.075	7.564	249.7E6	88923812	92.230	94.527
9) T	2,4-D	8.313	7.862	204.9E6	117.2E6	68.988	104.032 #
10) T	Pentachlo...	8.610	8.279	3957.9E6	1233.6E6	109.598	99.911
11) T	2,4,5-TP ...	9.160	8.639	1605.9E6	488.7E6	100.394	92.214
12) T	2,4,5-T	9.447	9.022	1618.9E6	388.3E6	87.982	79.482
13) T	2,4-DB	10.004	9.530	215.8E6	63953462	53.934m	98.470 #
14) T	DINOSEB	11.150	9.848	1819.2E6	284.1E6	111.898	79.702 #
15) T	Picloram	10.997	10.843	2262.6E6	438.8E6	72.558	67.466
16) T	DCPA	11.420	10.776	2314.2E6	617.7E6	89.708	95.319

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

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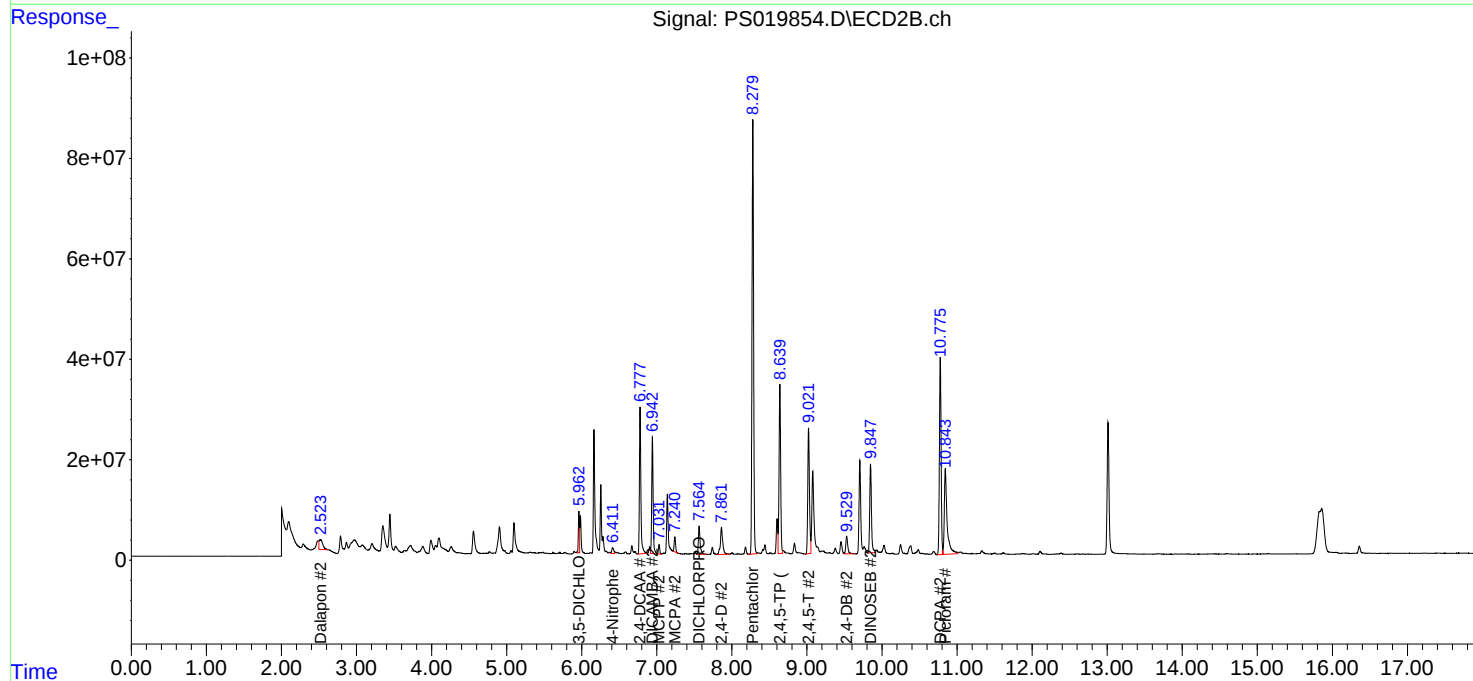
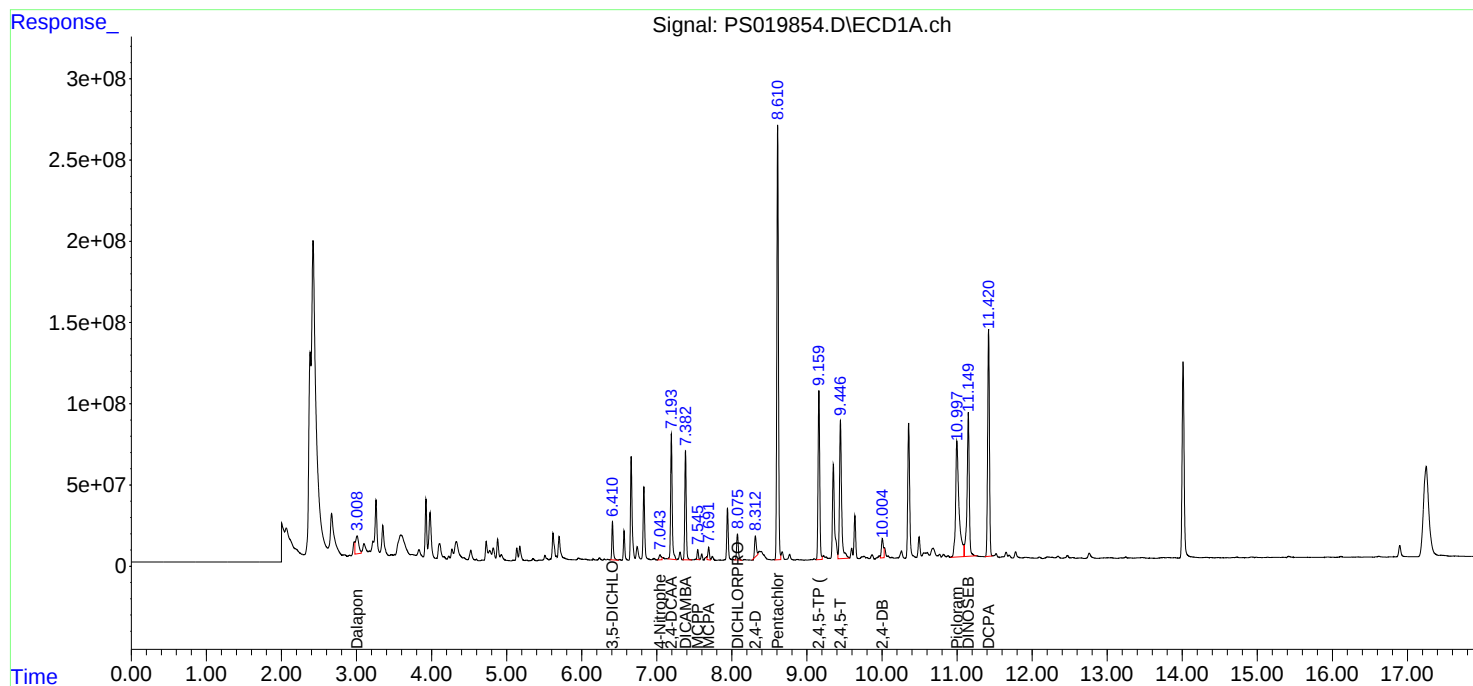
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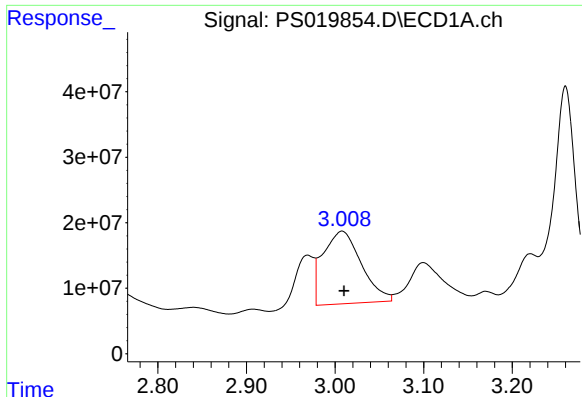
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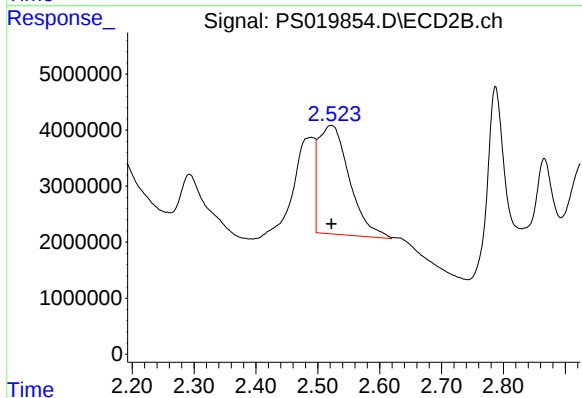
#1 Dalapon

R.T.: 3.008 min
Delta R.T.: -0.002 min
Response: 332478382
Conc: 68.59 ng/ml

Instrument :
ECD_S
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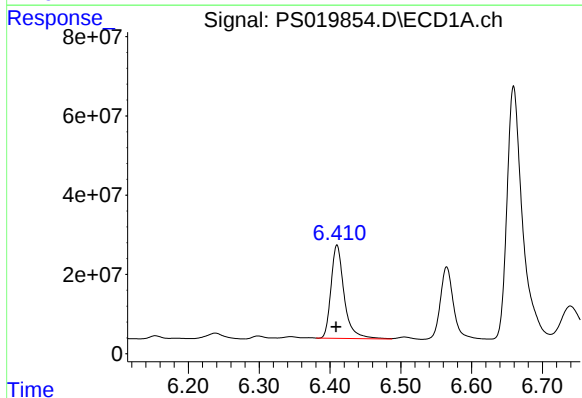
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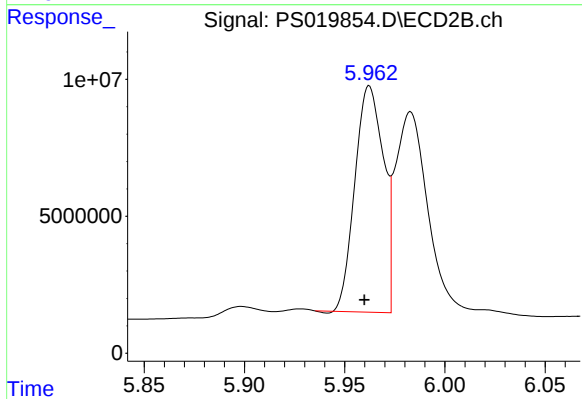
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: 0.000 min
Response: 66651797
Conc: 62.80 ng/ml m



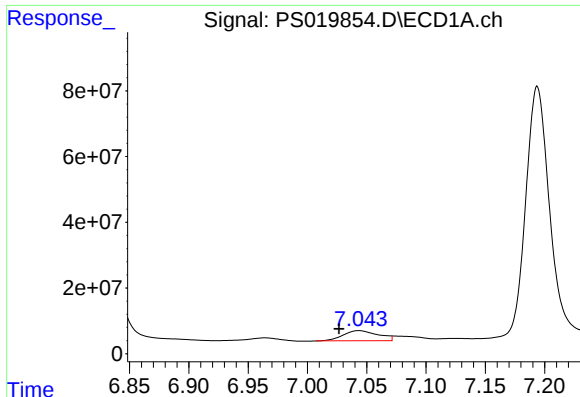
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.410 min
Delta R.T.: 0.001 min
Response: 303617829
Conc: 88.64 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.962 min
Delta R.T.: 0.003 min
Response: 81780220
Conc: 64.00 ng/ml



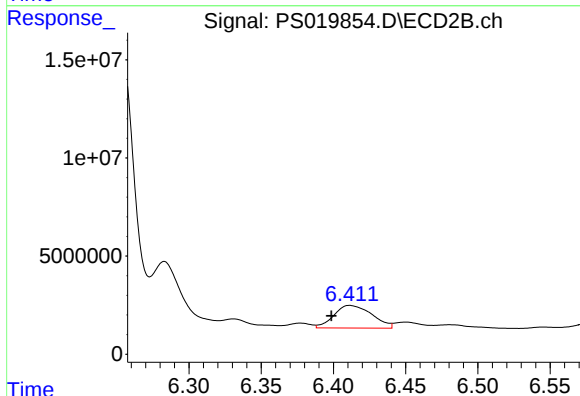
#3 4-Nitrophenol

R.T.: 7.043 min
Delta R.T.: 0.016 min
Response: 63014751
Conc: 59.20 ng/ml

Instrument :
ECD_S
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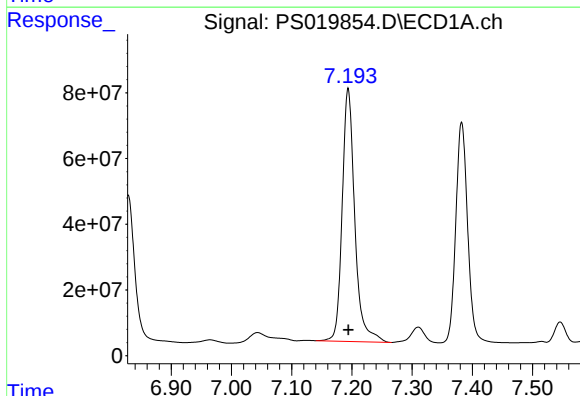
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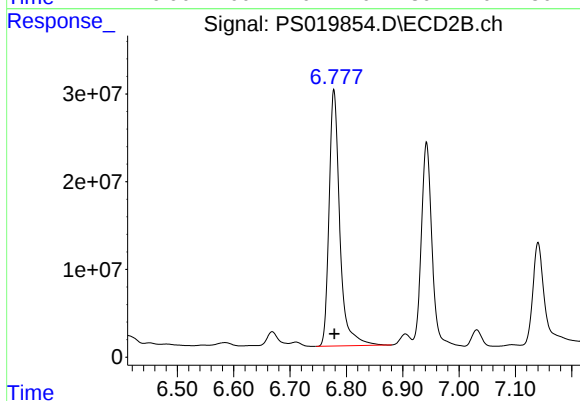
#3 4-Nitrophenol

R.T.: 6.411 min
Delta R.T.: 0.013 min
Response: 21129894
Conc: 48.85 ng/ml



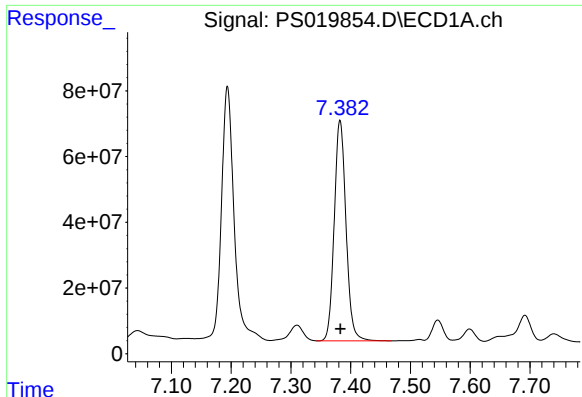
#4 2,4-DCAA

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 1120418028
Conc: 431.98 ng/ml



#4 2,4-DCAA

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 387135834
Conc: 476.68 ng/ml



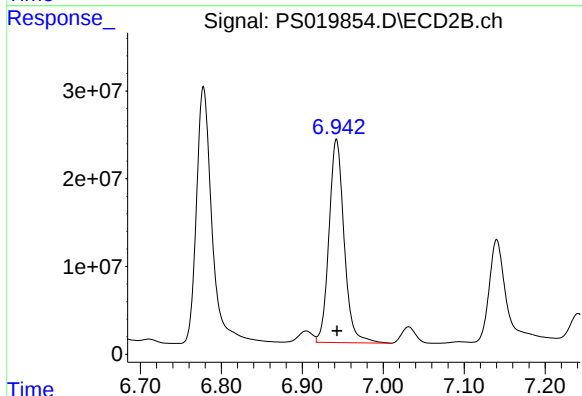
#5 DICAMBA

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 916530233
Conc: 89.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
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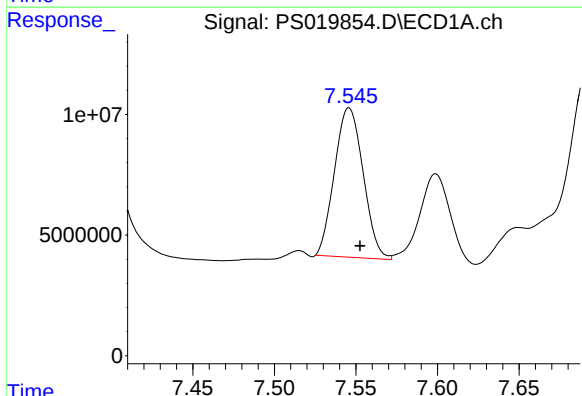
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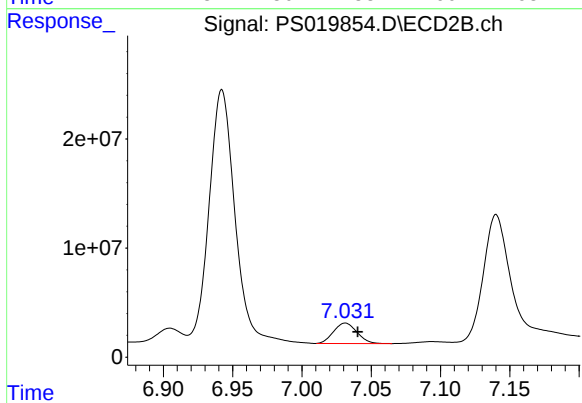
#5 DICAMBA

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 300796823
Conc: 82.46 ng/ml



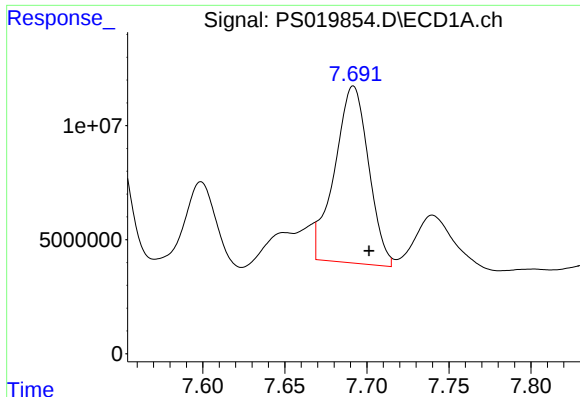
#6 MCPP

R.T.: 7.546 min
Delta R.T.: -0.007 min
Response: 75659116
Conc: 9.43 ug/ml



#6 MCPP

R.T.: 7.031 min
Delta R.T.: -0.009 min
Response: 22020289
Conc: 7.67 ug/ml



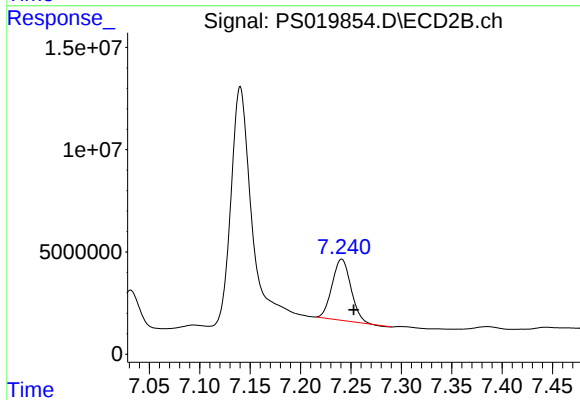
#7 MCPA

R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 111256880
Conc: 9.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT2-2022

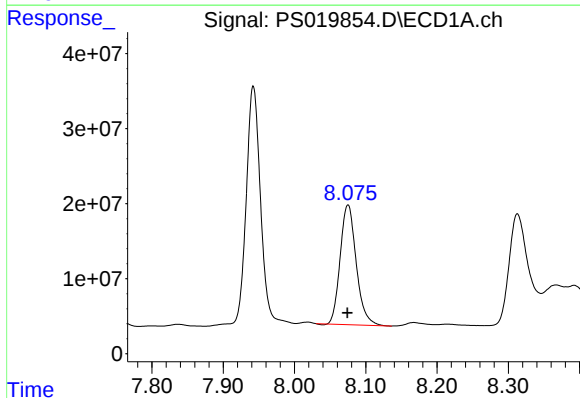
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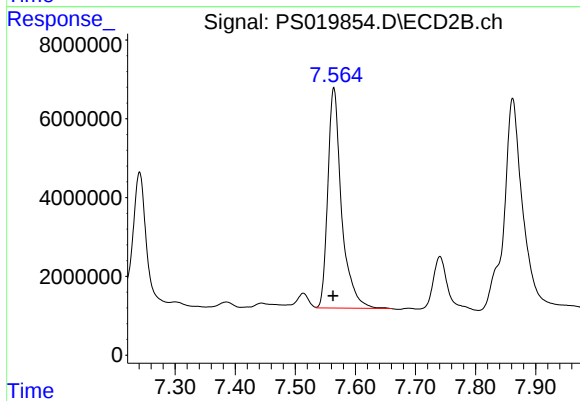
#7 MCPA

R.T.: 7.241 min
Delta R.T.: -0.012 min
Response: 38687868
Conc: 9.56 ug/ml



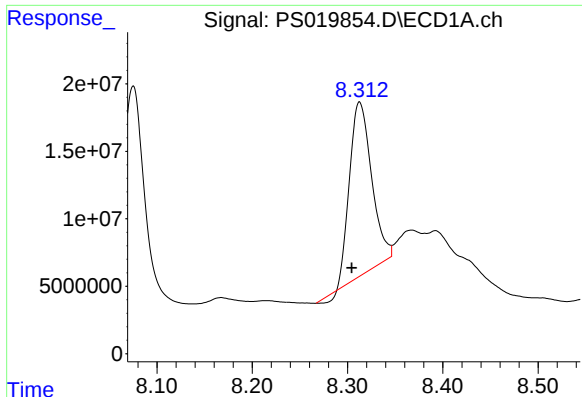
#8 DICHLORPROP

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 249710985
Conc: 92.23 ng/ml



#8 DICHLORPROP

R.T.: 7.564 min
Delta R.T.: 0.001 min
Response: 88923812
Conc: 94.53 ng/ml



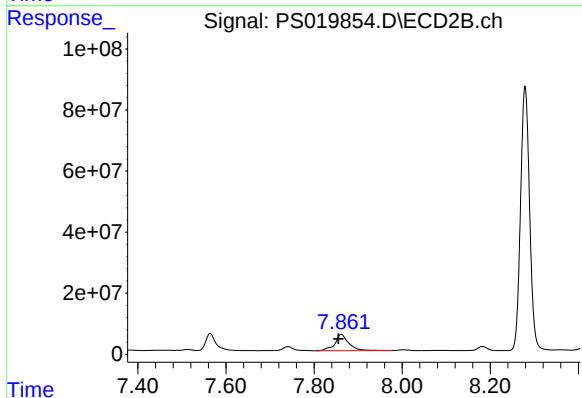
#9 2,4-D

R.T.: 8.313 min
Delta R.T.: 0.008 min
Response: 204903998
Conc: 68.99 ng/ml

Instrument :
ECD_S
ClientSampleId :
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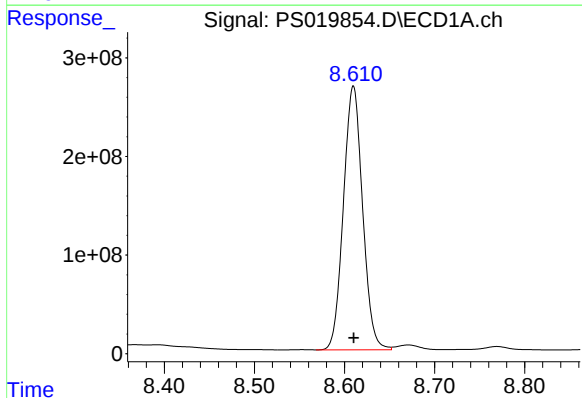
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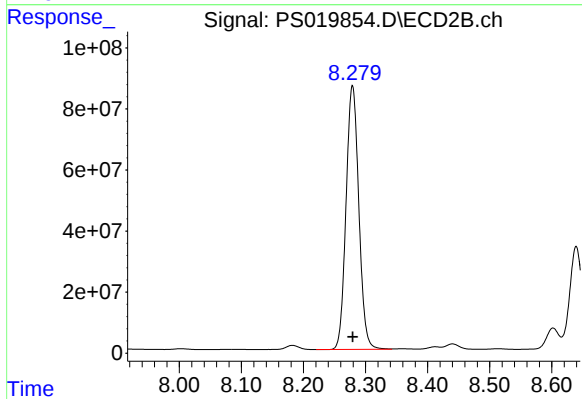
#9 2,4-D

R.T.: 7.862 min
Delta R.T.: 0.006 min
Response: 117212756
Conc: 104.03 ng/ml



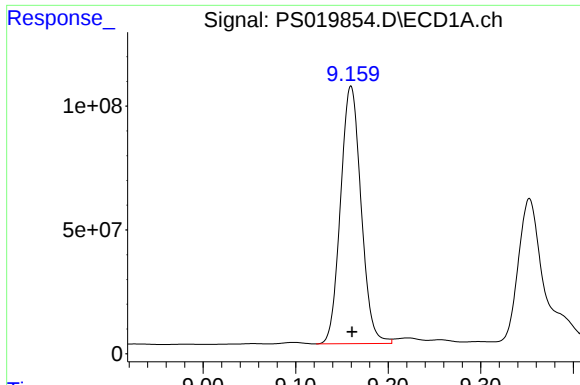
#10 Pentachlorophenol

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 3957898597
Conc: 109.60 ng/ml



#10 Pentachlorophenol

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 1233616083
Conc: 99.91 ng/ml



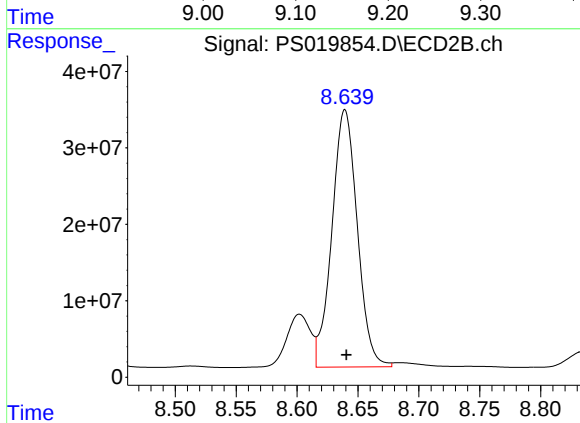
#11 2,4,5-TP (SILVEX)

R.T.: 9.160 min
Delta R.T.: -0.001 min
Response: 1605873665
Conc: 100.39 ng/ml

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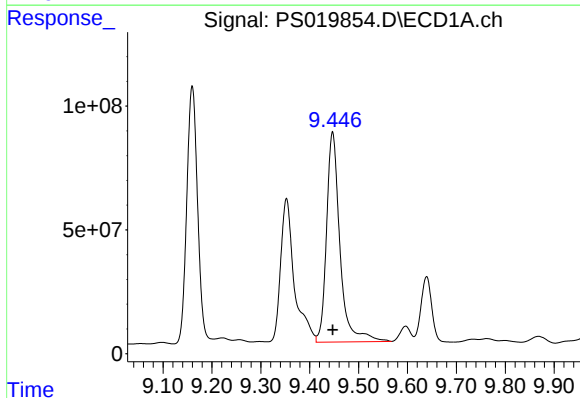
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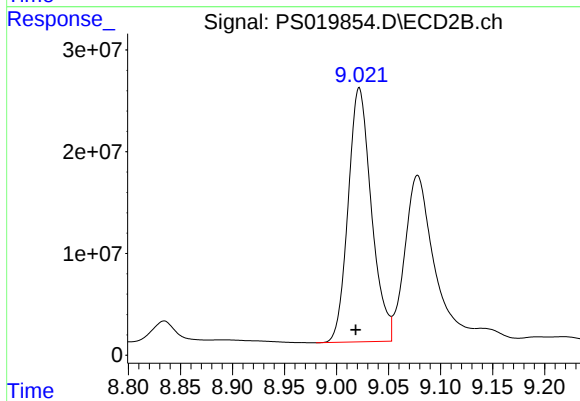
#11 2,4,5-TP (SILVEX)

R.T.: 8.639 min
Delta R.T.: -0.001 min
Response: 488701556
Conc: 92.21 ng/ml



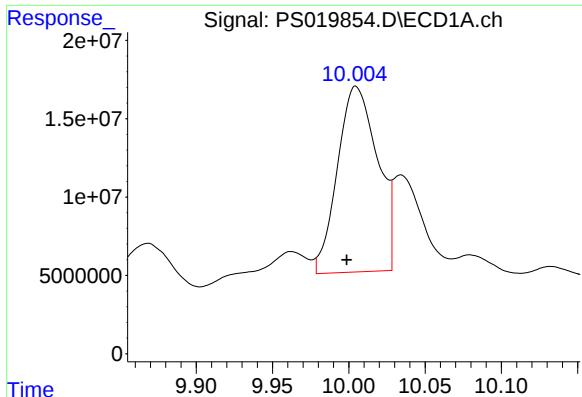
#12 2,4,5-T

R.T.: 9.447 min
Delta R.T.: 0.000 min
Response: 1618866950
Conc: 87.98 ng/ml



#12 2,4,5-T

R.T.: 9.022 min
Delta R.T.: 0.003 min
Response: 388294204
Conc: 79.48 ng/ml



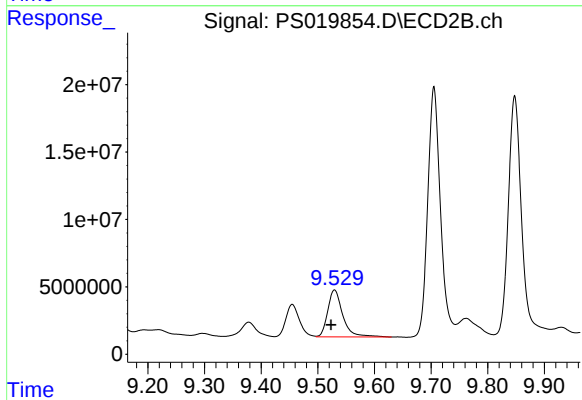
#13 2,4-DB

R.T.: 10.004 min
Delta R.T.: 0.005 min
Response: 215822442
Conc: 53.93 ng/ml

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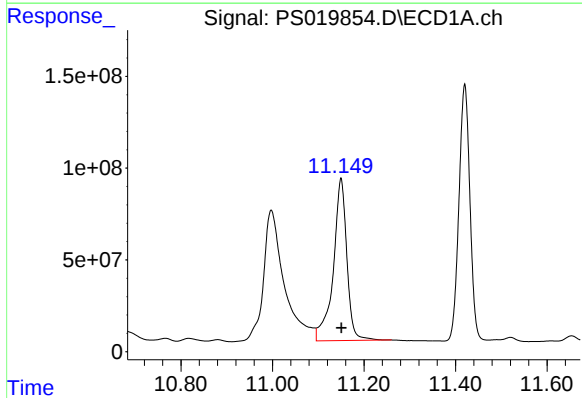
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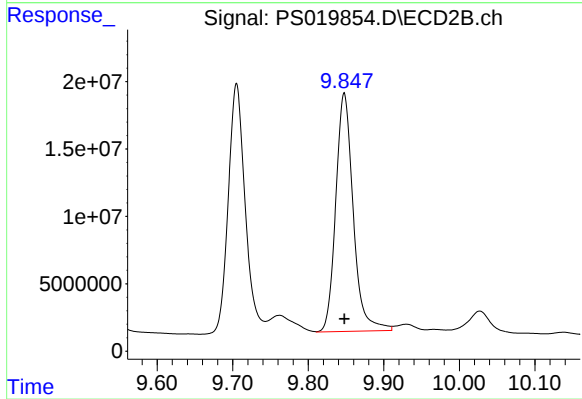
#13 2,4-DB

R.T.: 9.530 min
Delta R.T.: 0.006 min
Response: 63953462
Conc: 98.47 ng/ml



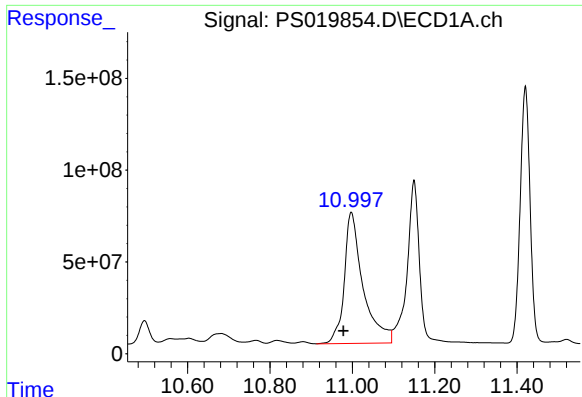
#14 DINOSEB

R.T.: 11.150 min
Delta R.T.: -0.001 min
Response: 1819202939
Conc: 111.90 ng/ml



#14 DINOSEB

R.T.: 9.848 min
Delta R.T.: 0.000 min
Response: 284075168
Conc: 79.70 ng/ml



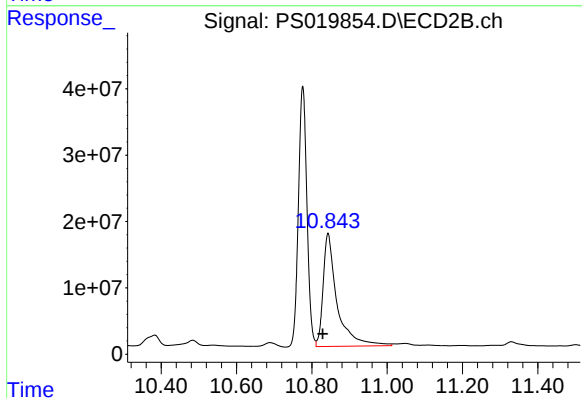
#15 Picloram

R.T.: 10.997 min
Delta R.T.: 0.019 min
Response: 2262550800
Conc: 72.56 ng/ml

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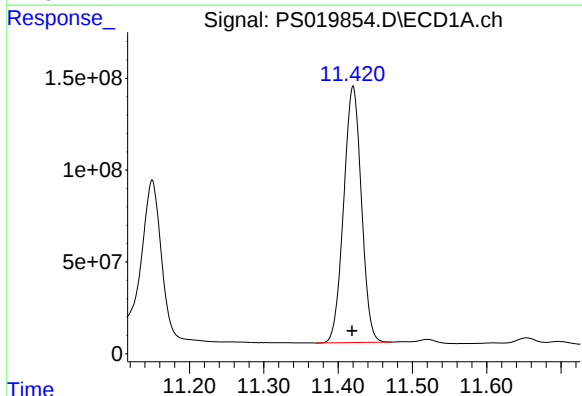
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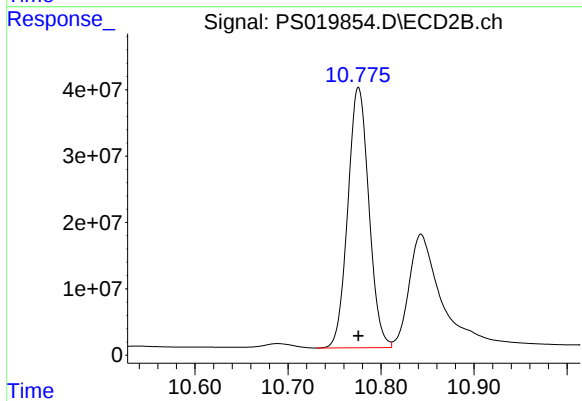
#15 Picloram

R.T.: 10.843 min
Delta R.T.: 0.014 min
Response: 438775129
Conc: 67.47 ng/ml



#16 DCPA

R.T.: 11.420 min
Delta R.T.: 0.002 min
Response: 2314216825
Conc: 89.71 ng/ml



#16 DCPA

R.T.: 10.776 min
Delta R.T.: 0.000 min
Response: 617744788
Conc: 95.32 ng/ml