

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062922\
 Data File : PS019841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 11:03
 Operator : AJ\MA
 Sample : N3214-01
 Misc : LOD 100 PB
 ALS Vial : 5 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 04:15:42 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 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	7.194	6.778	1031.3E6	386.9E6	397.627	476.430
Target Compounds							
1) T	Dalapon	3.009	2.523	327.4E6	53379440	67.550	50.294m#
2) T	3,5-DICHL...	6.410	5.963	277.3E6	82160079	80.964	64.295
3) T	4-Nitroph...	7.042	6.409	73000528	21962149	68.585	50.778 #
5) T	DICAMBA	7.383	6.942	829.8E6	298.8E6	80.866	81.909
6) T	MCPD	7.546	7.032	65467182	21836173	8.160	7.607
7) T	MCPA	7.693	7.241	125.4E6	38870960	10.699	9.603
8) T	DICHLORPROP	8.075	7.564	227.5E6	87388998	84.043	92.896
9) T	2,4-D	8.312	7.860	195.8E6	114.8E6	65.927	101.911 #
10) T	Pentachlo...	8.611	8.279	3589.1E6	1224.4E6	99.385	99.164
11) T	2,4,5-TP ...	9.160	8.639	1449.2E6	483.4E6	90.599	91.213
12) T	2,4,5-T	9.446	9.021	1537.9E6	389.7E6	83.580	79.776
13) T	2,4-DB	10.005	9.528	211.0E6	63643513	52.731m	97.993 #
14) T	DINOSEB	11.150	9.847	1767.5E6	297.1E6	108.720	83.362
15) T	Picloram	10.995	10.841	2218.4E6	435.6E6	71.141	66.980
16) T	DCPA	11.420	10.775	2295.8E6	614.7E6	88.993	94.844

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

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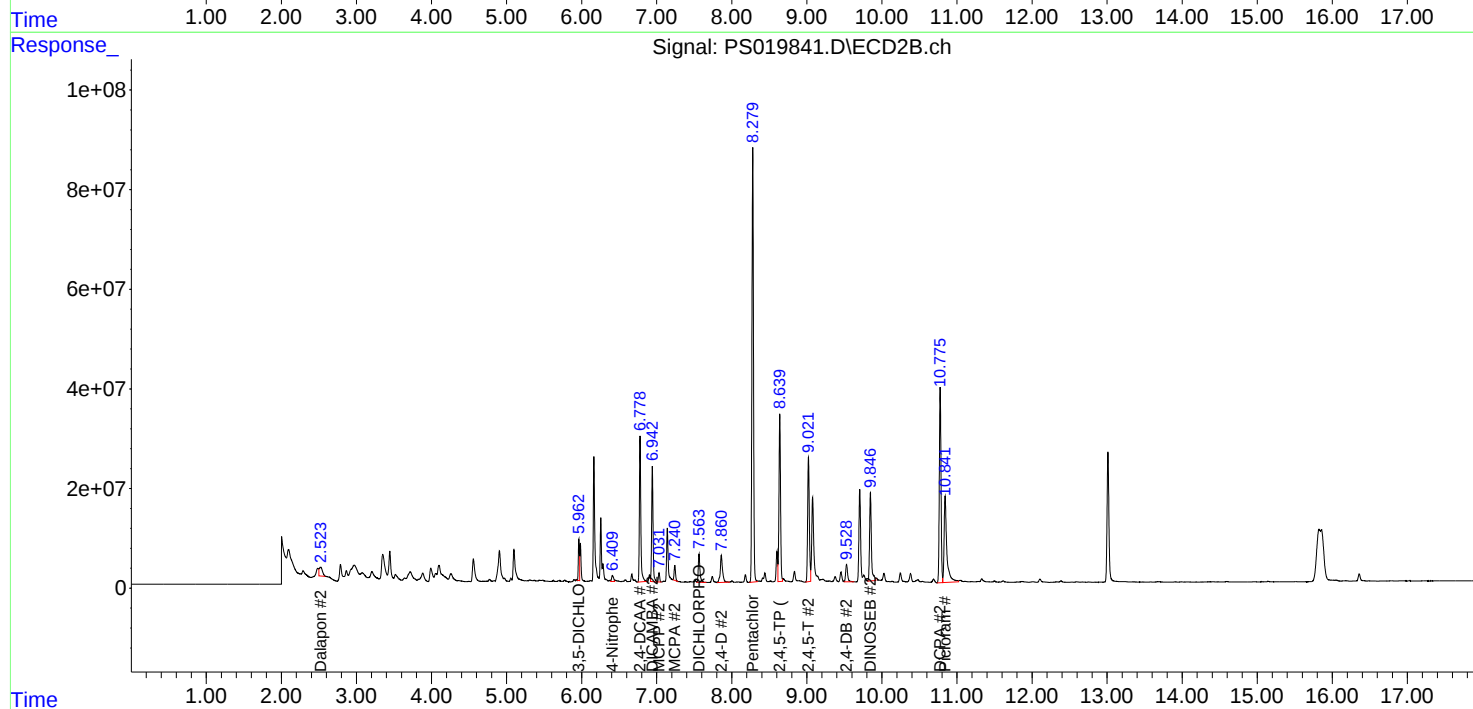
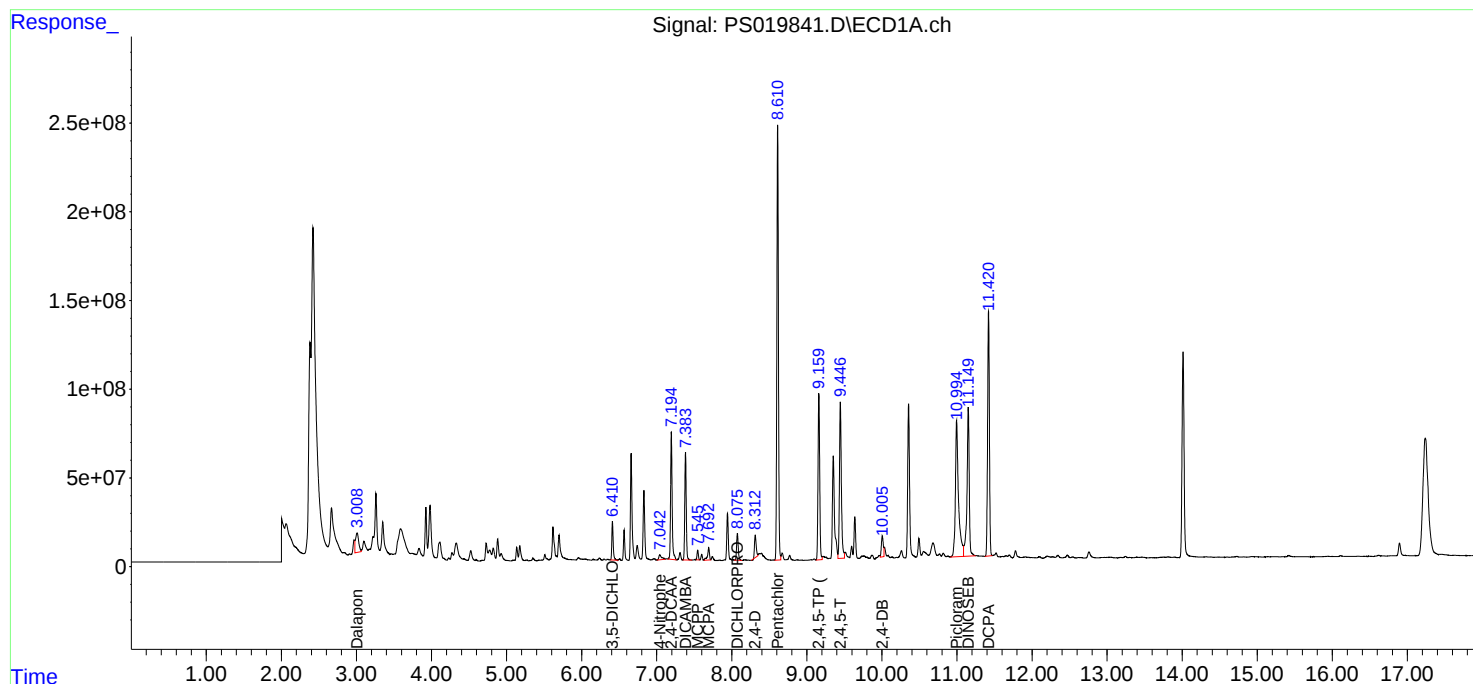
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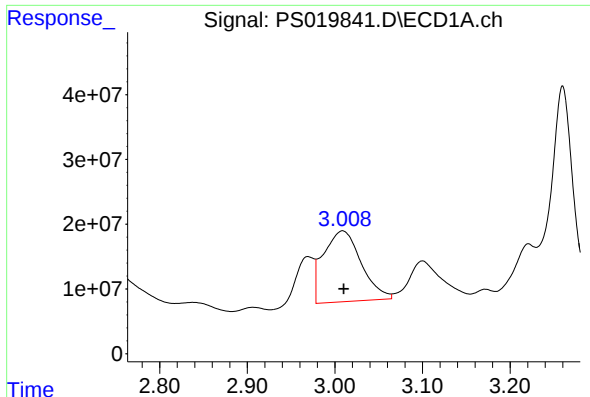
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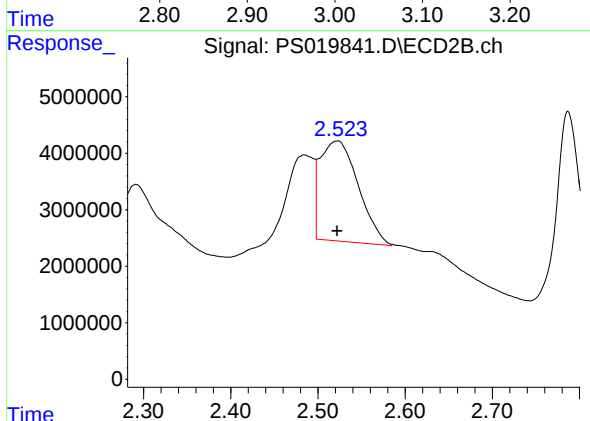
#1 Dalapon

R.T.: 3.009 min
Delta R.T.: -0.001 min
Response: 327429193
Conc: 67.55 ng/ml

Instrument :
ECD_S
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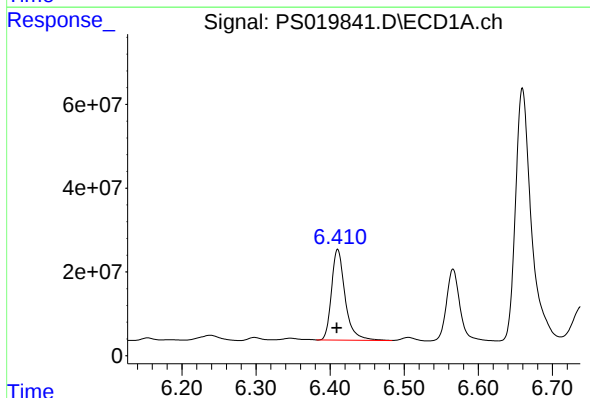
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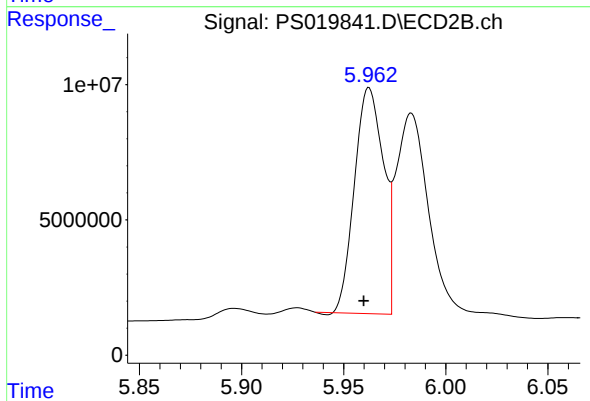
#1 Dalapon

R.T.: 2.523 min
Delta R.T.: 0.001 min
Response: 53379440
Conc: 50.29 ng/ml m



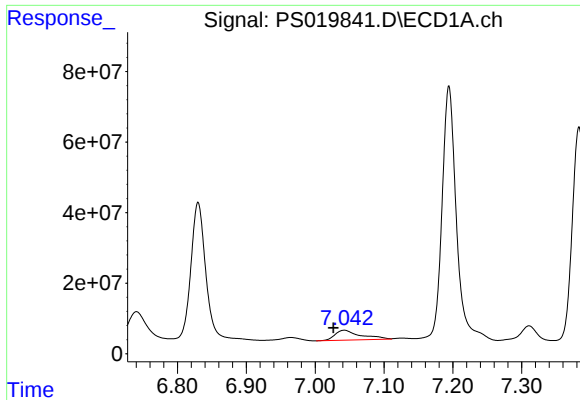
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.410 min
Delta R.T.: 0.002 min
Response: 277331425
Conc: 80.96 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.963 min
Delta R.T.: 0.003 min
Response: 82160079
Conc: 64.29 ng/ml



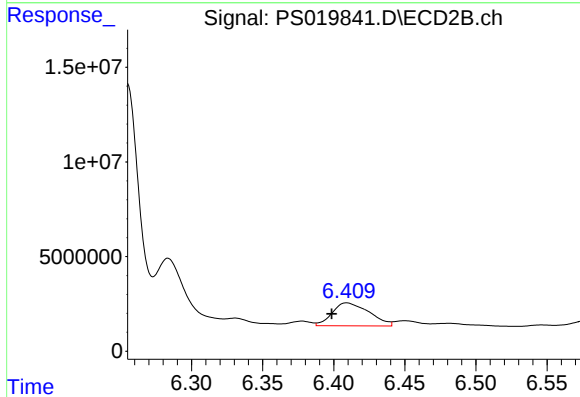
#3 4-Nitrophenol

R.T.: 7.042 min
Delta R.T.: 0.016 min
Response: 73000528
Conc: 68.59 ng/ml

Instrument :
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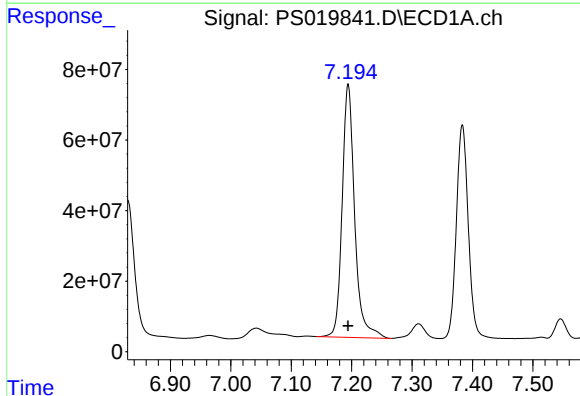
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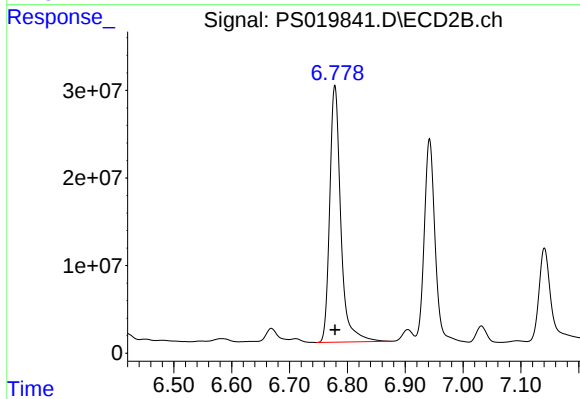
#3 4-Nitrophenol

R.T.: 6.409 min
Delta R.T.: 0.011 min
Response: 21962149
Conc: 50.78 ng/ml



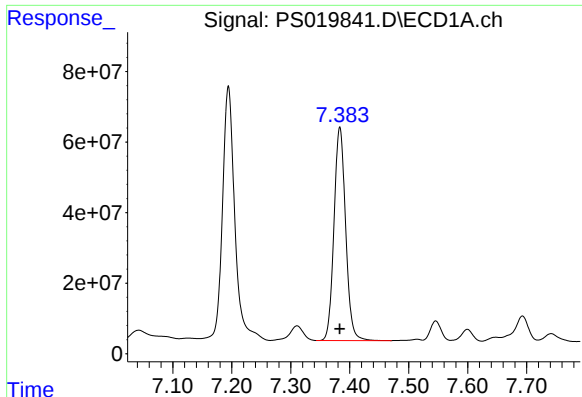
#4 2,4-DCAA

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 1031304867
Conc: 397.63 ng/ml



#4 2,4-DCAA

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 386931189
Conc: 476.43 ng/ml



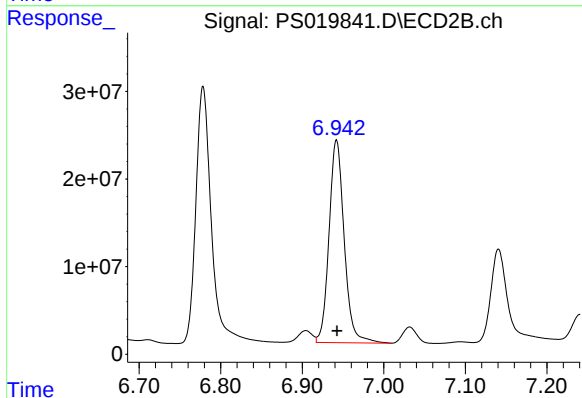
#5 DICAMBA

R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 829772860
Conc: 80.87 ng/ml

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

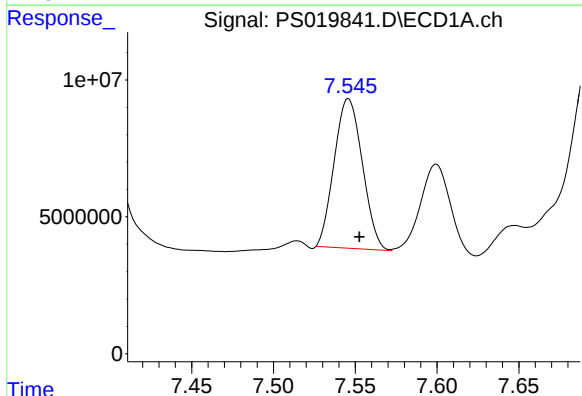
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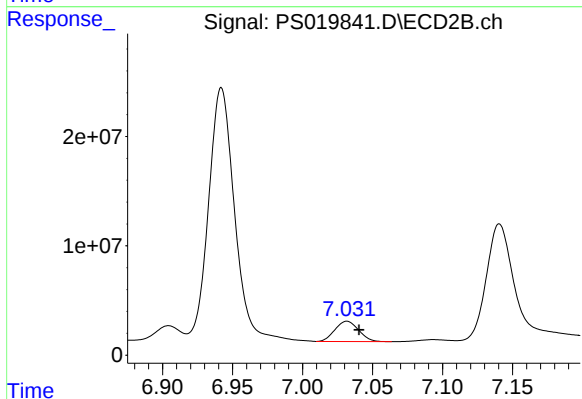
#5 DICAMBA

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 298800025
Conc: 81.91 ng/ml



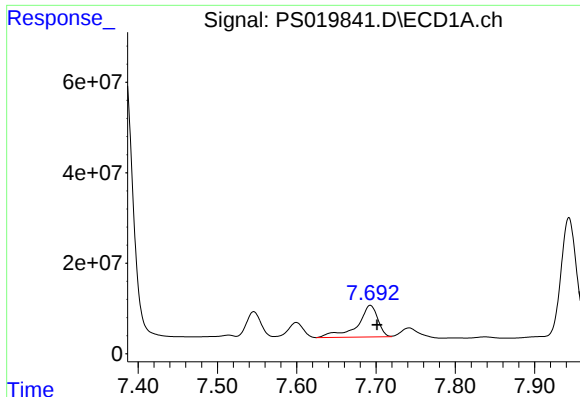
#6 MCP

R.T.: 7.546 min
Delta R.T.: -0.007 min
Response: 65467182
Conc: 8.16 ug/ml



#6 MCP

R.T.: 7.032 min
Delta R.T.: -0.009 min
Response: 21836173
Conc: 7.61 ug/ml



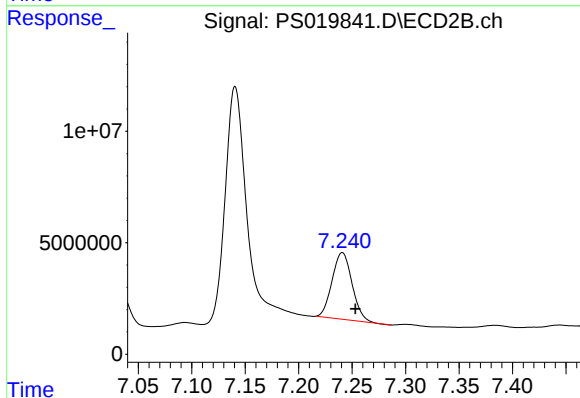
#7 MCPA

R.T.: 7.693 min
Delta R.T.: -0.008 min
Response: 125368429
Conc: 10.70 ug/ml

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

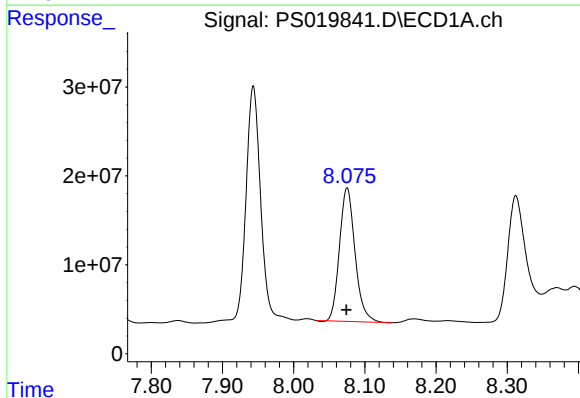
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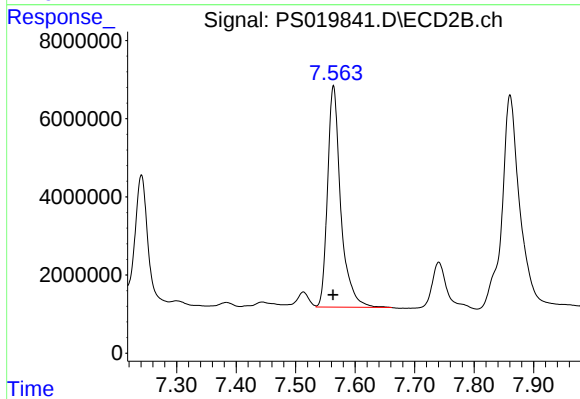
#7 MCPA

R.T.: 7.241 min
Delta R.T.: -0.012 min
Response: 38870960
Conc: 9.60 ug/ml



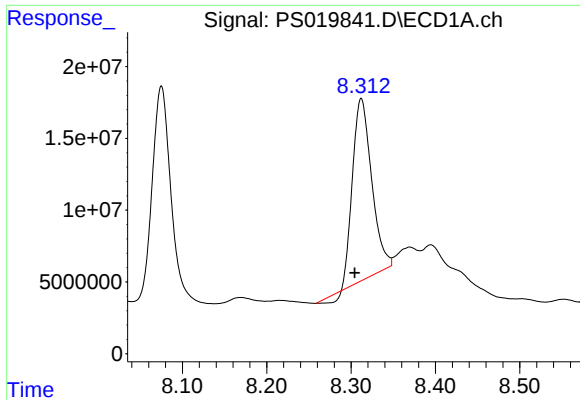
#8 DICHLORPROP

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 227546728
Conc: 84.04 ng/ml



#8 DICHLORPROP

R.T.: 7.564 min
Delta R.T.: 0.000 min
Response: 87388998
Conc: 92.90 ng/ml



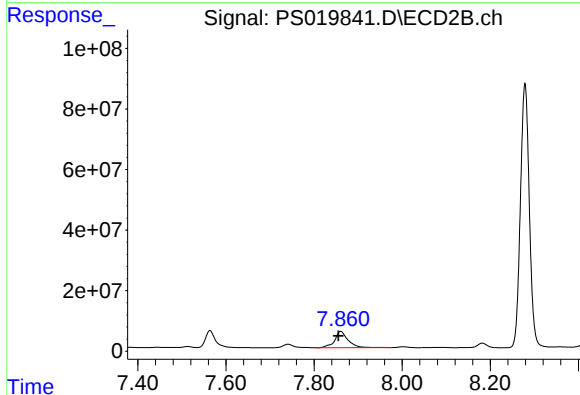
#9 2,4-D

R.T.: 8.312 min
Delta R.T.: 0.008 min
Response: 195811613
Conc: 65.93 ng/ml

Instrument :
ECD_S
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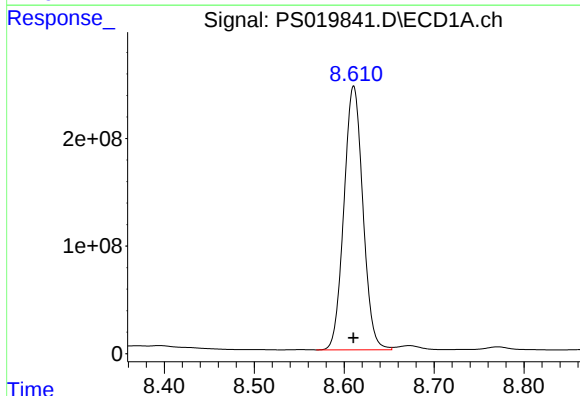
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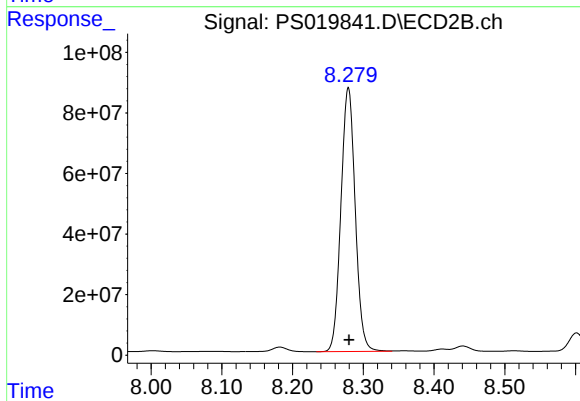
#9 2,4-D

R.T.: 7.860 min
Delta R.T.: 0.005 min
Response: 114822948
Conc: 101.91 ng/ml



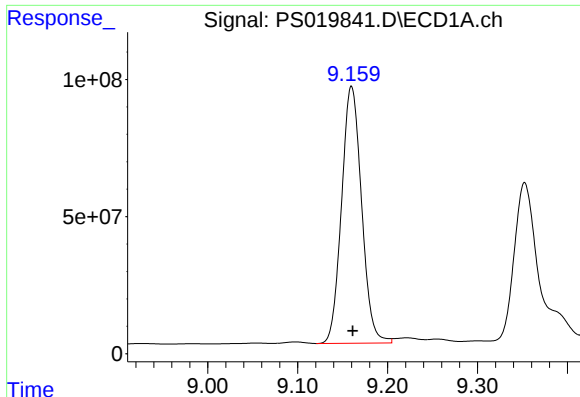
#10 Pentachlorophenol

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 3589102516
Conc: 99.39 ng/ml



#10 Pentachlorophenol

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 1224395846
Conc: 99.16 ng/ml



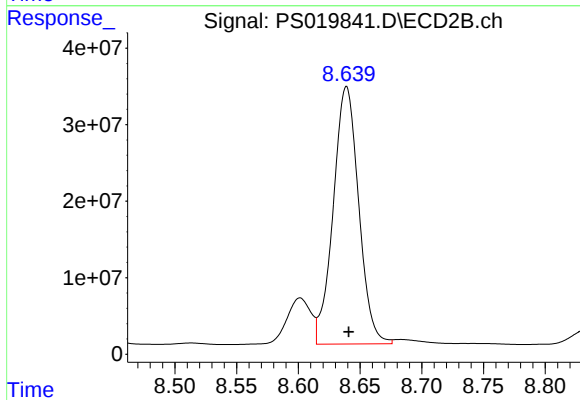
#11 2,4,5-TP (SILVEX)

R.T.: 9.160 min
Delta R.T.: -0.001 min
Response: 1449191257
Conc: 90.60 ng/ml

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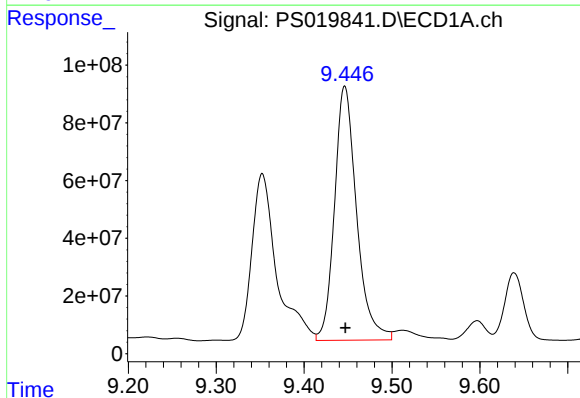
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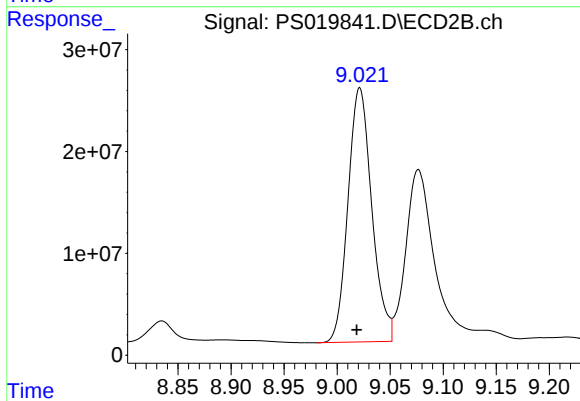
#11 2,4,5-TP (SILVEX)

R.T.: 8.639 min
Delta R.T.: -0.002 min
Response: 483395604
Conc: 91.21 ng/ml



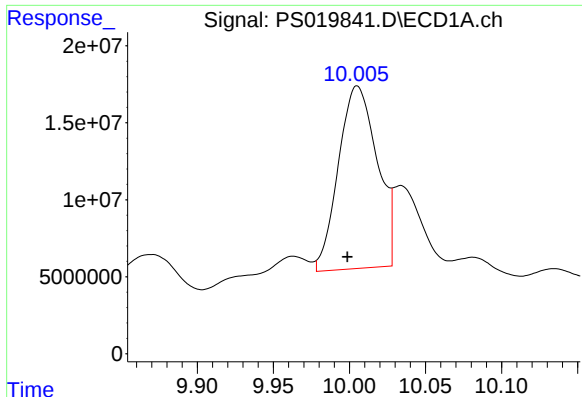
#12 2,4,5-T

R.T.: 9.446 min
Delta R.T.: 0.000 min
Response: 1537871336
Conc: 83.58 ng/ml



#12 2,4,5-T

R.T.: 9.021 min
Delta R.T.: 0.003 min
Response: 389733715
Conc: 79.78 ng/ml



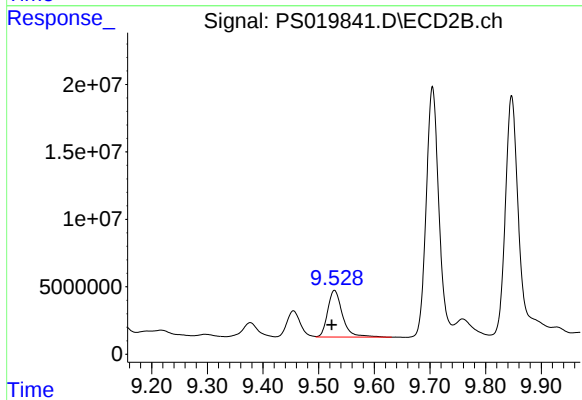
#13 2,4-DB

R.T.: 10.005 min
Delta R.T.: 0.006 min
Response: 211008888
Conc: 52.73 ng/ml

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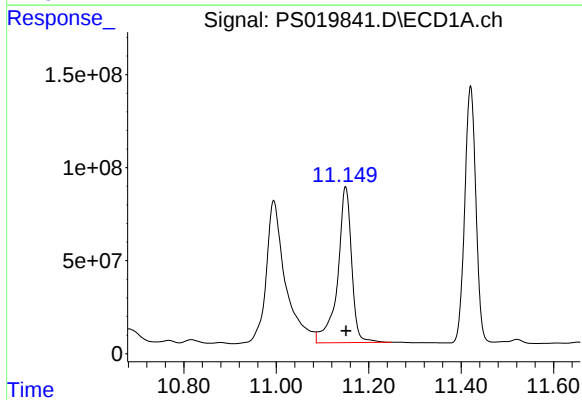
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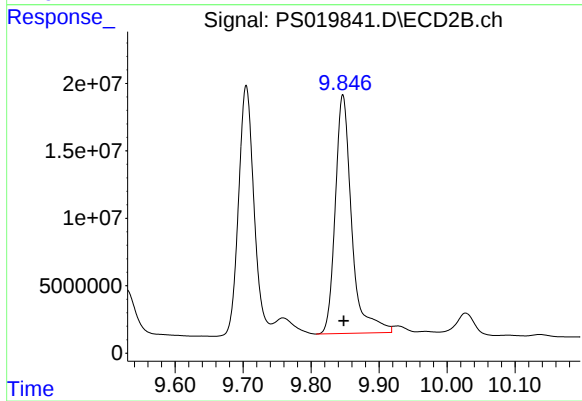
#13 2,4-DB

R.T.: 9.528 min
Delta R.T.: 0.005 min
Response: 63643513
Conc: 97.99 ng/ml



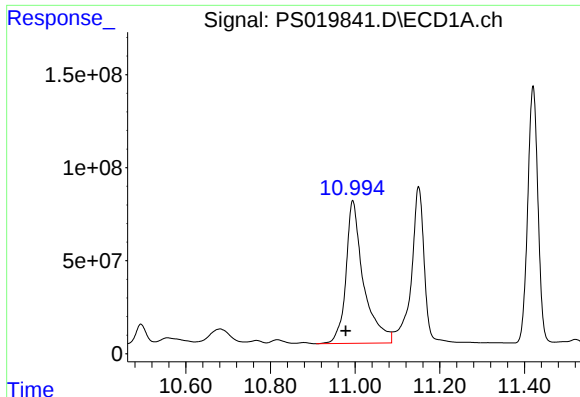
#14 DINOSEB

R.T.: 11.150 min
Delta R.T.: -0.001 min
Response: 1767527545
Conc: 108.72 ng/ml



#14 DINOSEB

R.T.: 9.847 min
Delta R.T.: -0.001 min
Response: 297120669
Conc: 83.36 ng/ml



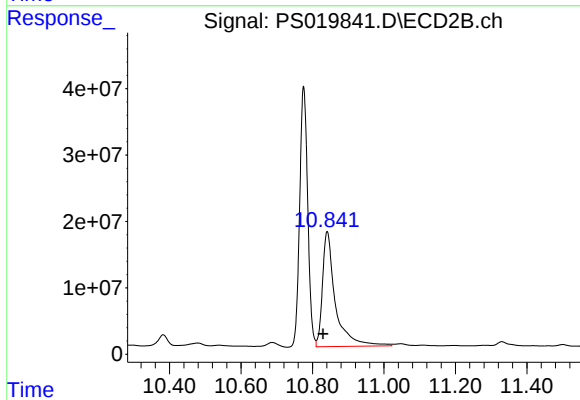
#15 Picloram

R.T.: 10.995 min
Delta R.T.: 0.016 min
Response: 2218390229
Conc: 71.14 ng/ml

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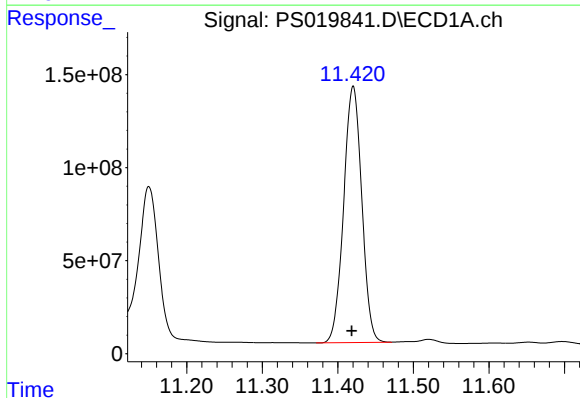
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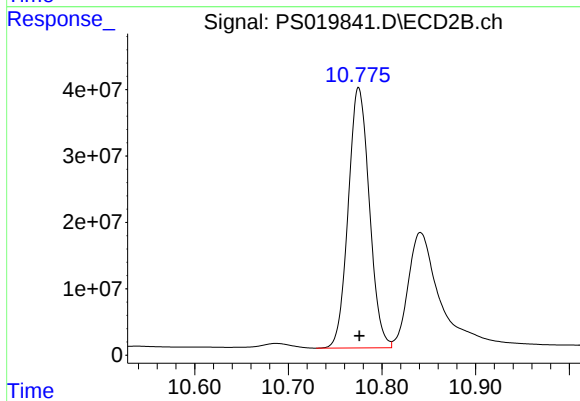
#15 Picloram

R.T.: 10.841 min
Delta R.T.: 0.012 min
Response: 435609510
Conc: 66.98 ng/ml



#16 DCPA

R.T.: 11.420 min
Delta R.T.: 0.002 min
Response: 2295769575
Conc: 88.99 ng/ml



#16 DCPA

R.T.: 10.775 min
Delta R.T.: 0.000 min
Response: 614668149
Conc: 94.84 ng/ml