

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022123\
 Data File : PS022227.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2023 21:48
 Operator : AR\AJ
 Sample : 01627-01
 Misc : LOD,SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/22/2023
 Supervised By :Ankita Jodhani 02/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 03:07:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022023.M
 Quant Title : 8080.M
 QLast Update : Mon Feb 20 13:26:02 2023
 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	6.298	6.723	1090.8E6	1119.8E6	440.081m	533.492
Target Compounds							
1) T	Dalapon	2.402	2.483	136.5E6	436.1E6	43.043m	135.425m#
2) T	3,5-DICHL...	5.683	5.928	339.6E6	280.8E6	91.346	90.811
3) T	4-Nitroph...	6.160	6.363	81329277	77276866	63.912m	57.862
5) T	DICAMBA	6.436	6.882	914.2E6	853.5E6	88.099	88.318
6) T	MCPD	6.580	6.973	55500437	57407395	7.274	7.519
7) T	MCPA	6.701	7.181	77658471	112.7E6	7.457	11.058 #
8) T	DICHLORPROP	7.023	7.506	248.0E6	286.8E6	91.830	116.656 #
9) T	2,4-D	7.236	7.799	299.3E6	321.5E6	91.281	111.016m
10) T	Pentachlo...	7.442	8.211	3962.3E6	3582.8E6	110.054	110.575
11) T	2,4,5-TP ...	7.970	8.573	1667.8E6	1387.1E6	108.140	103.121m
12) T	2,4,5-T	8.233	8.956	1635.6E6	1201.0E6	94.277	99.857
13) T	2,4-DB	8.743	9.459	299.0E6	155.7E6	110.297	93.771
14) T	DINOSEB	9.778	9.778	1294.4E6	990.7E6	94.185	103.840
15) T	Picloram	9.635	10.758	1865.5E6	1802.4E6	75.729	91.931
16) T	DCPA	10.046	10.704	2481.8E6	1494.2E6	116.525	95.505

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

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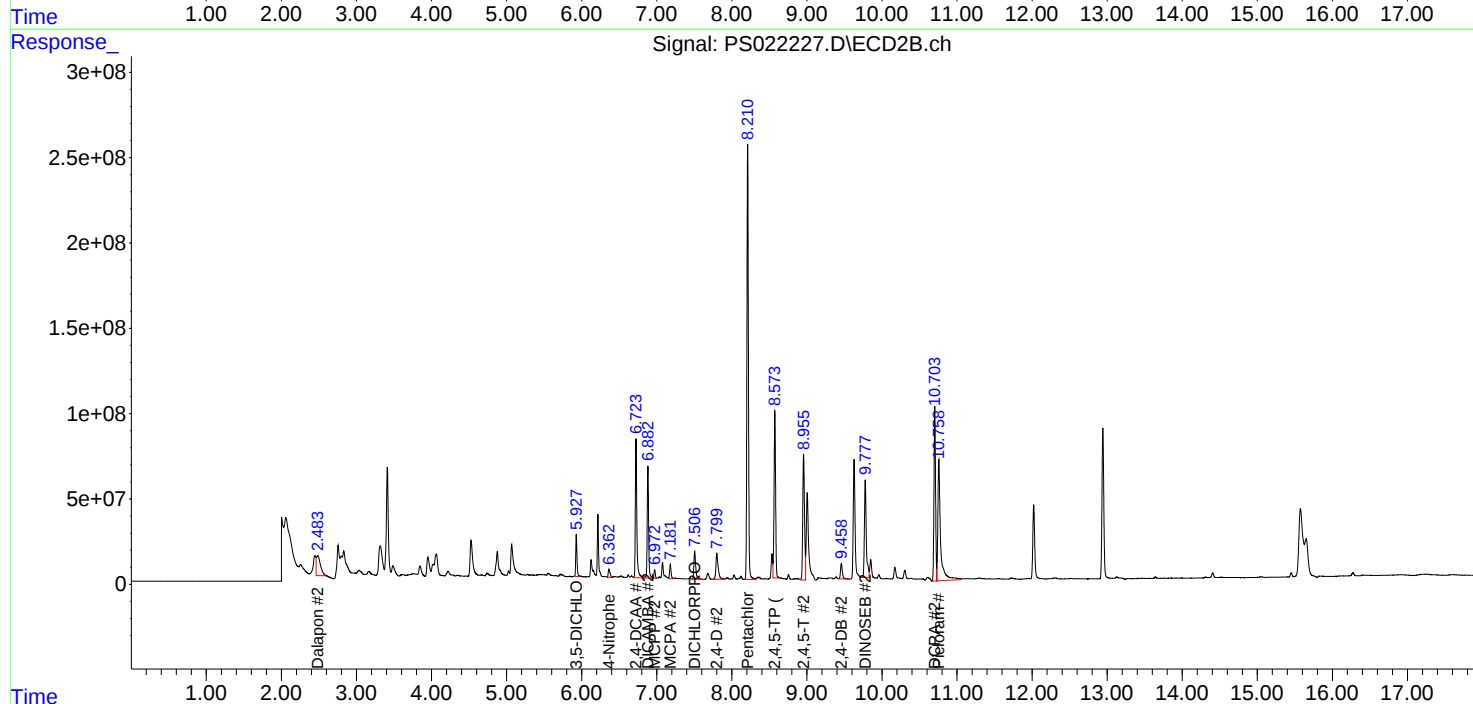
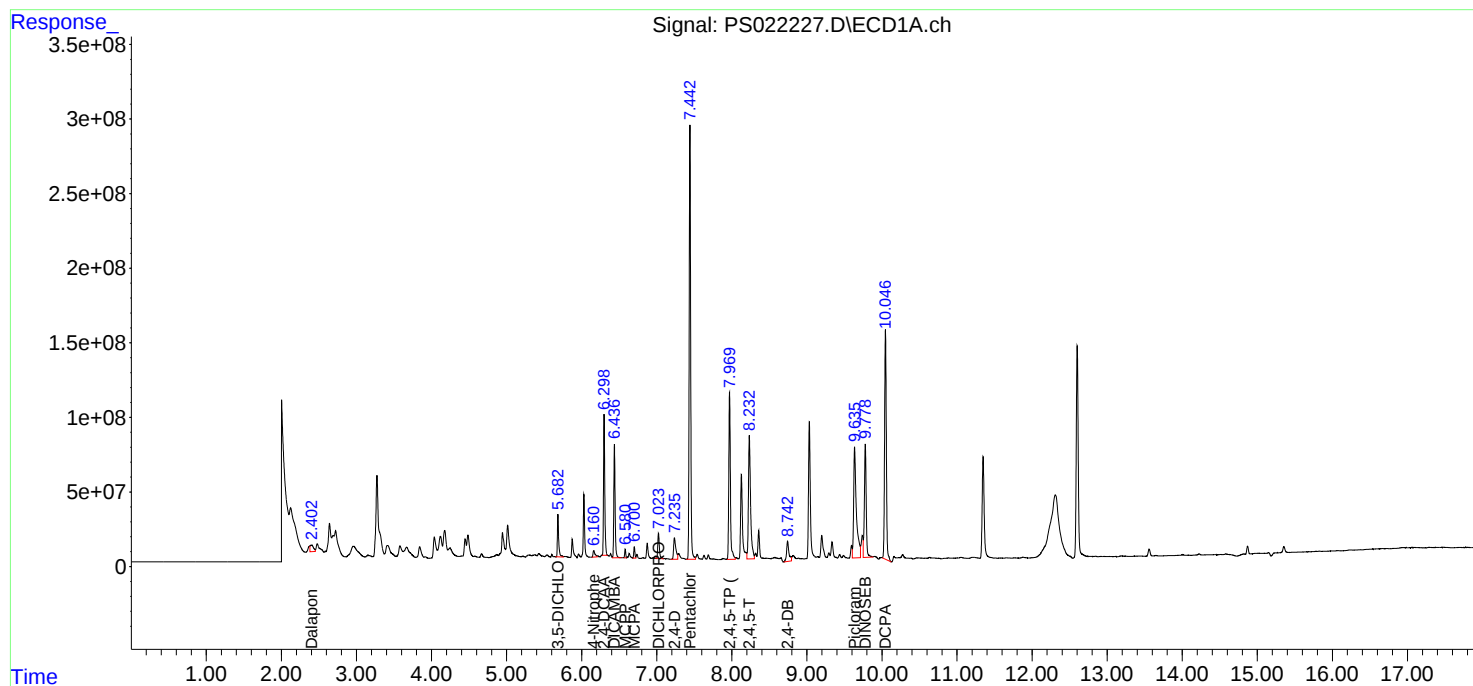
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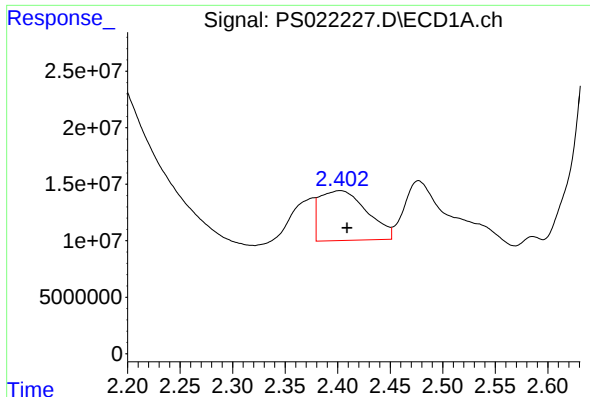
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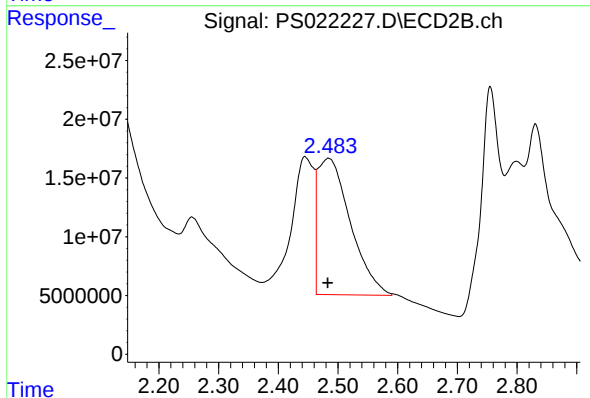
#1 Dalapon

R.T.: 2.402 min
Delta R.T.: -0.007 min
Response: 136459585
Conc: 43.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
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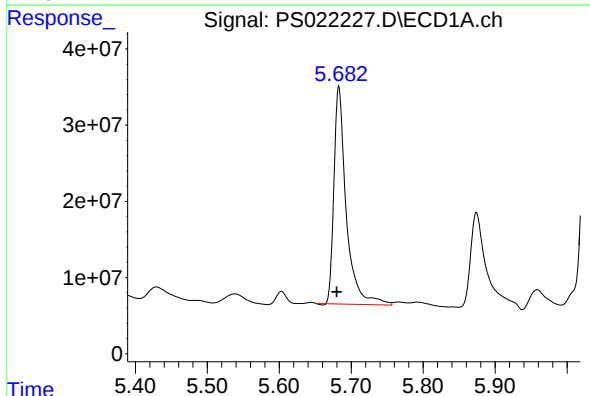
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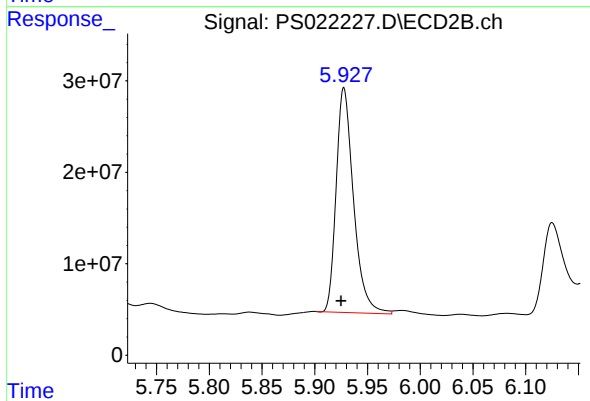
#1 Dalapon

R.T.: 2.483 min
Delta R.T.: 0.000 min
Response: 436088085
Conc: 135.42 ng/ml m



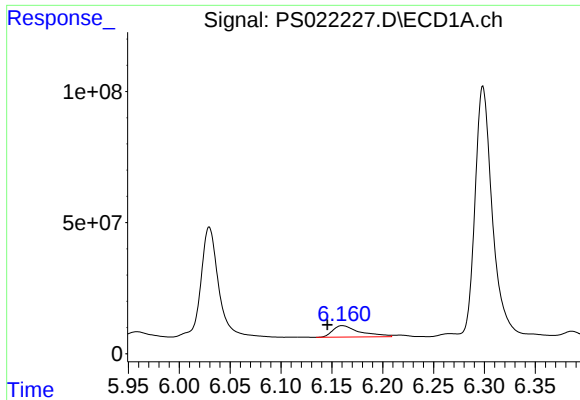
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 339570540
Conc: 91.35 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 280818771
Conc: 90.81 ng/ml



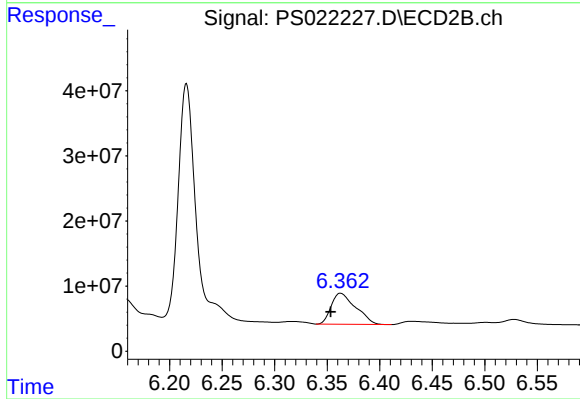
#3 4-Nitrophenol

R.T.: 6.160 min
Delta R.T.: 0.014 min
Response: 81329277
Conc: 63.91 ng/ml

Instrument :
ECD_S
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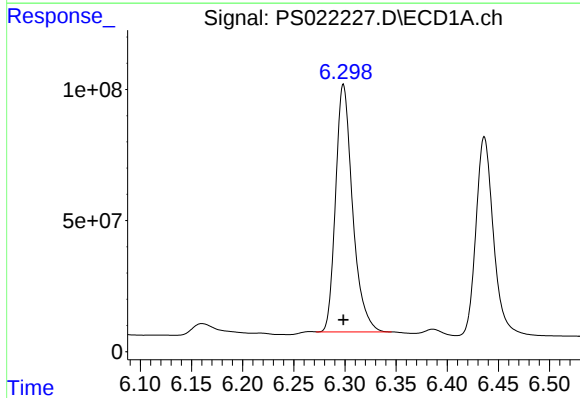
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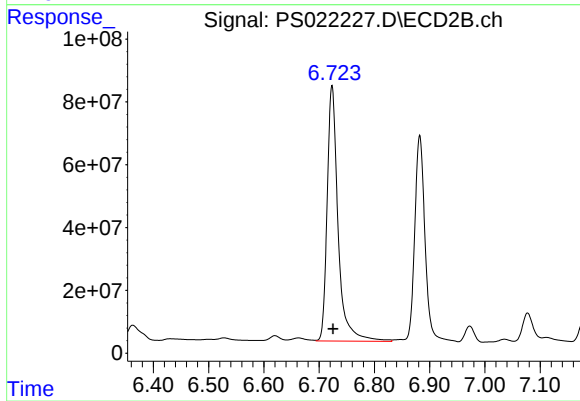
#3 4-Nitrophenol

R.T.: 6.363 min
Delta R.T.: 0.010 min
Response: 77276866
Conc: 57.86 ng/ml



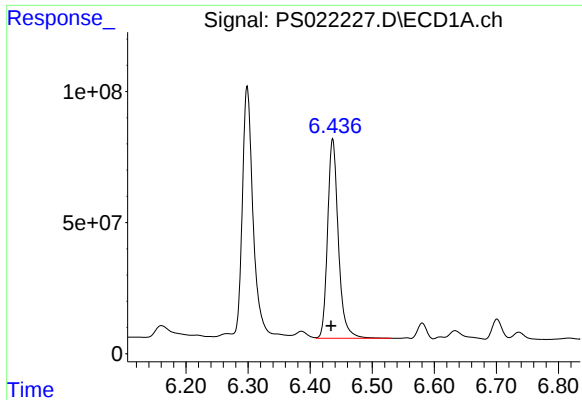
#4 2,4-DCAA

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 1090824504
Conc: 440.08 ng/ml m



#4 2,4-DCAA

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 1119780177
Conc: 533.49 ng/ml



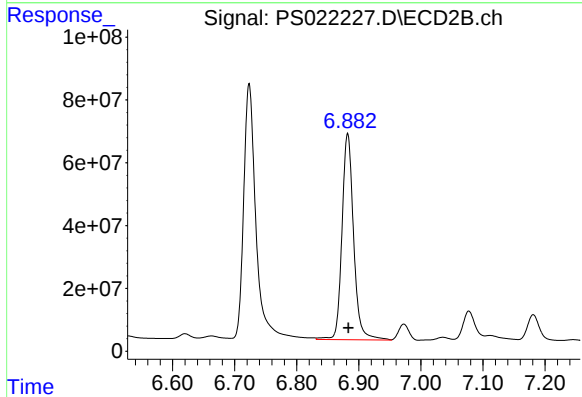
#5 DICAMBA

R.T.: 6.436 min
Delta R.T.: 0.003 min
Response: 914167074
Conc: 88.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

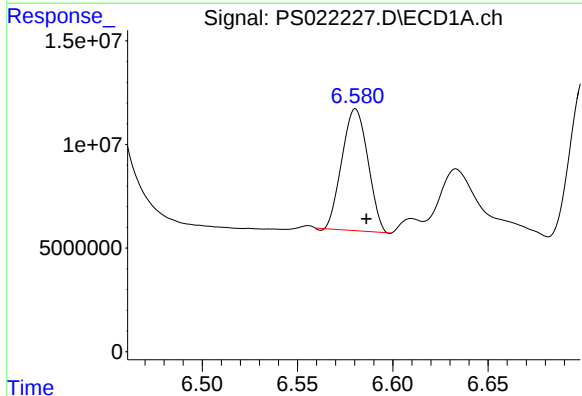
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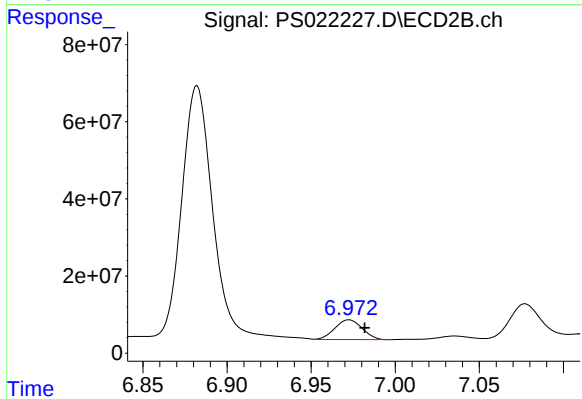
#5 DICAMBA

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 853505595
Conc: 88.32 ng/ml



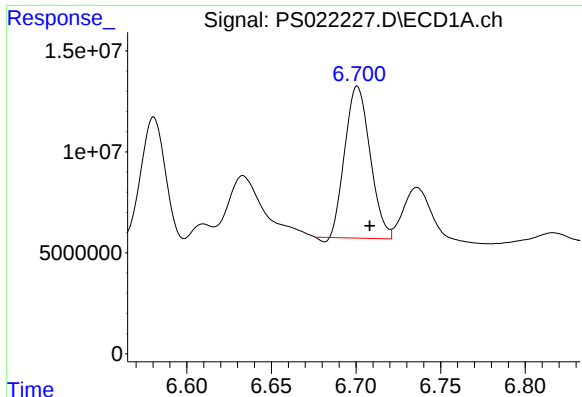
#6 MCP

R.T.: 6.580 min
Delta R.T.: -0.006 min
Response: 55500437
Conc: 7.27 ug/ml



#6 MCP

R.T.: 6.973 min
Delta R.T.: -0.009 min
Response: 57407395
Conc: 7.52 ug/ml



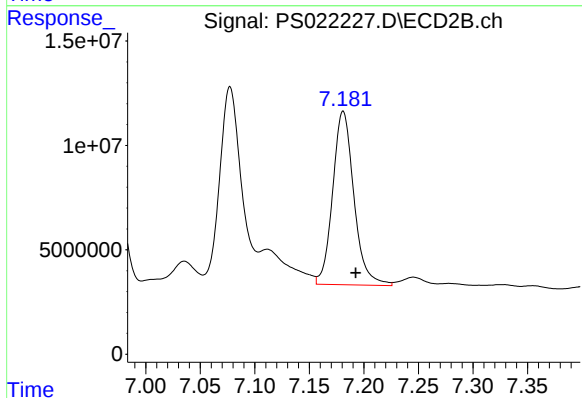
#7 MCPA

R.T.: 6.701 min
Delta R.T.: -0.007 min
Response: 77658471
Conc: 7.46 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

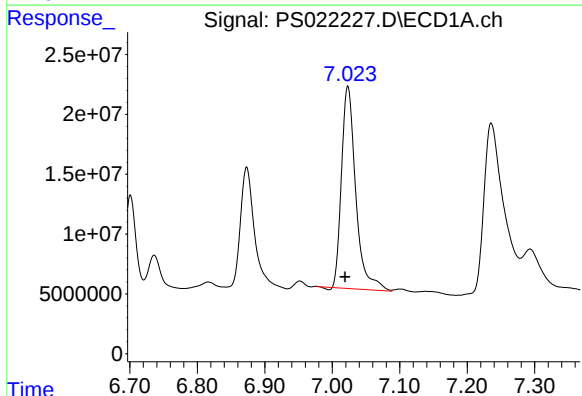
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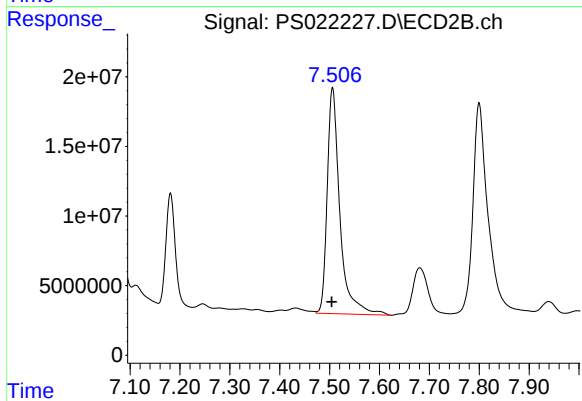
#7 MCPA

R.T.: 7.181 min
Delta R.T.: -0.011 min
Response: 112710870
Conc: 11.06 ug/ml



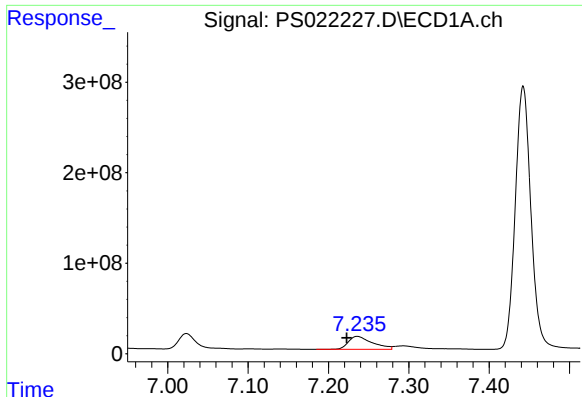
#8 DICHLORPROP

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 247996474
Conc: 91.83 ng/ml



#8 DICHLORPROP

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 286789197
Conc: 116.66 ng/ml



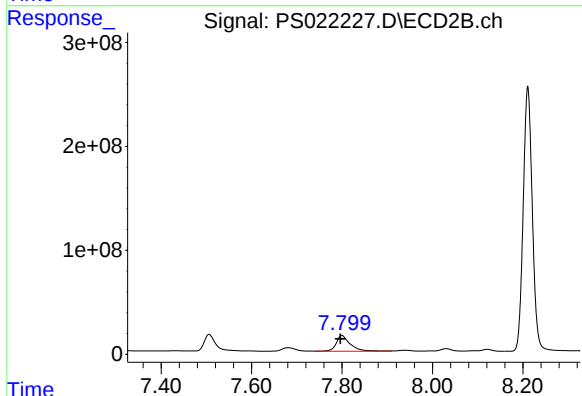
#9 2,4-D

R.T.: 7.236 min
Delta R.T.: 0.013 min
Response: 299284819
Conc: 91.28 ng/ml

Instrument :
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ClientSampleId :
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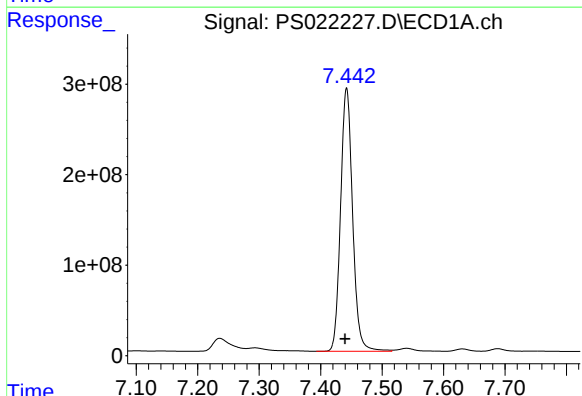
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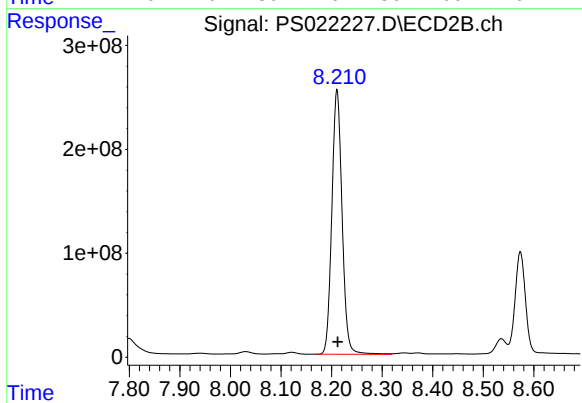
#9 2,4-D

R.T.: 7.799 min
Delta R.T.: 0.003 min
Response: 321471716
Conc: 111.02 ng/ml m



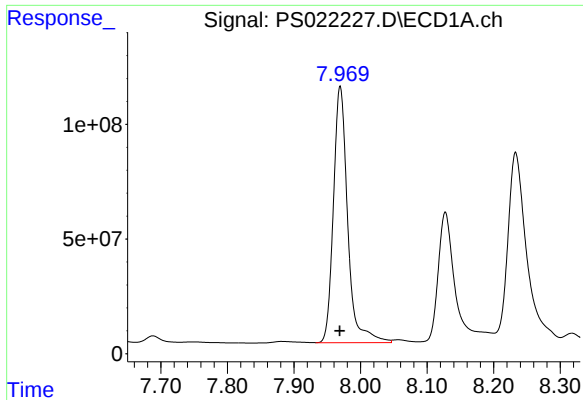
#10 Pentachlorophenol

R.T.: 7.442 min
Delta R.T.: 0.002 min
Response: 3962269607
Conc: 110.05 ng/ml



#10 Pentachlorophenol

R.T.: 8.211 min
Delta R.T.: -0.001 min
Response: 3582819078
Conc: 110.57 ng/ml



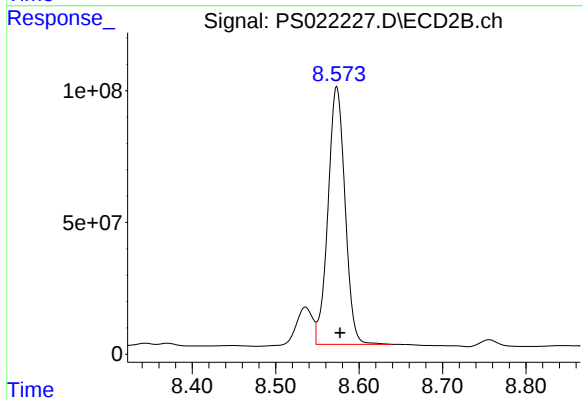
#11 2,4,5-TP (SILVEX)

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 1667782713
Conc: 108.14 ng/ml

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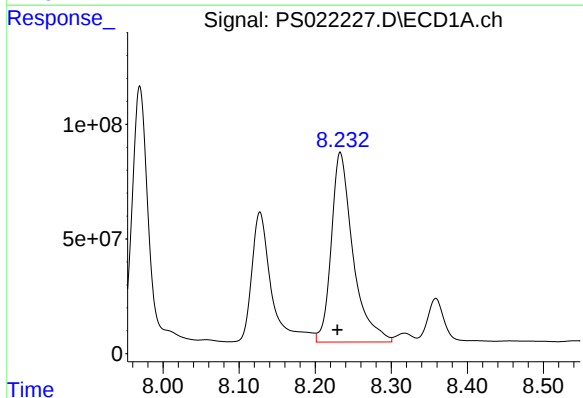
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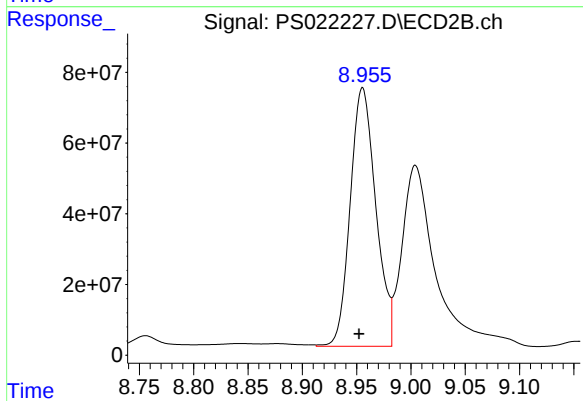
#11 2,4,5-TP (SILVEX)

R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: 1387085837
Conc: 103.12 ng/ml m



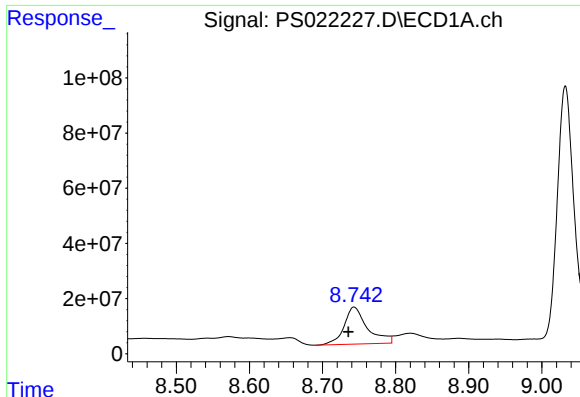
#12 2,4,5-T

R.T.: 8.233 min
Delta R.T.: 0.004 min
Response: 1635623489
Conc: 94.28 ng/ml



#12 2,4,5-T

R.T.: 8.956 min
Delta R.T.: 0.003 min
Response: 1200984501
Conc: 99.86 ng/ml



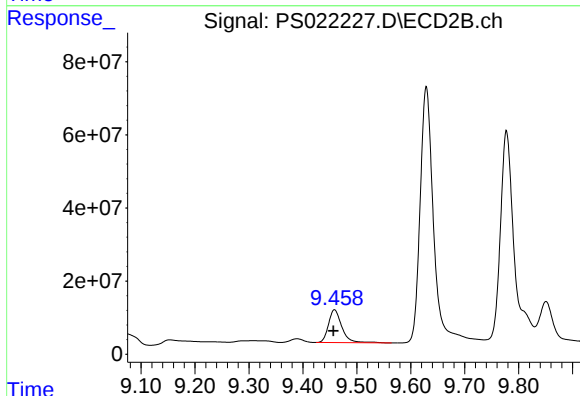
#13 2,4-DB

R.T.: 8.743 min
Delta R.T.: 0.008 min
Response: 299007322
Conc: 110.30 ng/ml

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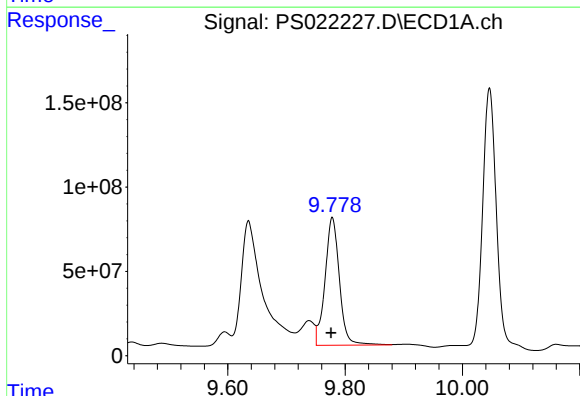
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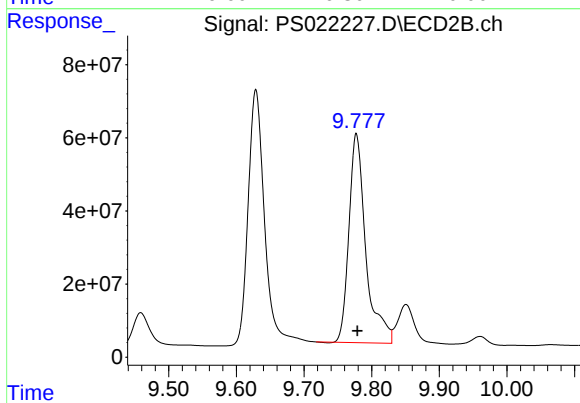
#13 2,4-DB

R.T.: 9.459 min
Delta R.T.: 0.002 min
Response: 155684380
Conc: 93.77 ng/ml



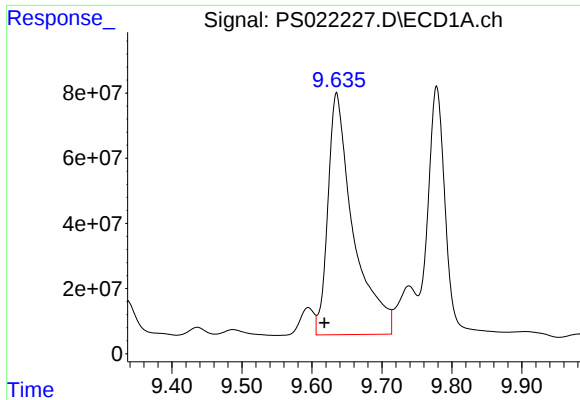
#14 DINOSEB

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 1294382937
Conc: 94.19 ng/ml



#14 DINOSEB

R.T.: 9.778 min
Delta R.T.: -0.001 min
Response: 990734278
Conc: 103.84 ng/ml



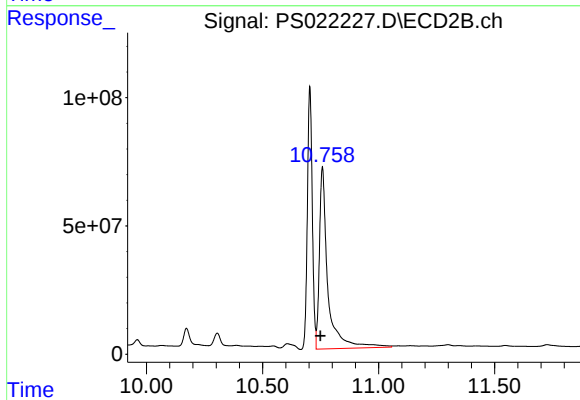
#15 Picloram

R.T.: 9.635 min
Delta R.T.: 0.018 min
Response: 1865500715
Conc: 75.73 ng/ml

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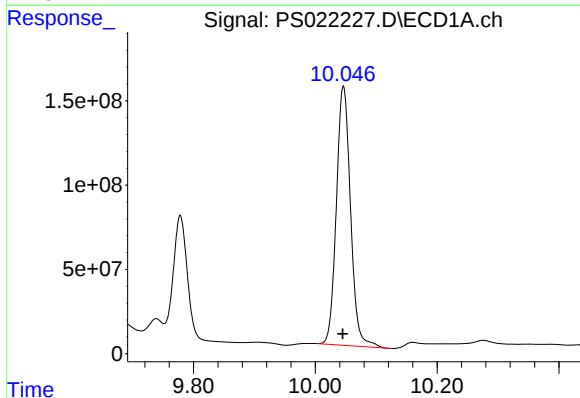
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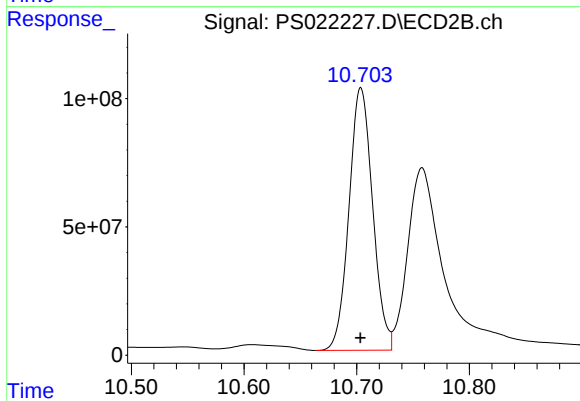
#15 Picloram

R.T.: 10.758 min
Delta R.T.: 0.008 min
Response: 1802407328
Conc: 91.93 ng/ml



#16 DCPA

R.T.: 10.046 min
Delta R.T.: 0.000 min
Response: 2481818484
Conc: 116.53 ng/ml



#16 DCPA

R.T.: 10.704 min
Delta R.T.: 0.000 min
Response: 1494162729
Conc: 95.51 ng/ml