

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101524\
 Data File : PS027944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 13:42
 Operator : AR\AJ
 Sample : P4368-01
 Misc : LOD 100PPB SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 06:03:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 07 13:46:03 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 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	7.097	7.620	1288.4E6	408.4E6	478.190	410.955
Target Compounds							
1) T	Dalapon	2.541	2.601	335.2E6	171.0E6	74.686	102.647 #
2) T	3,5-DICHL...	6.288	6.593	404.4E6	109.2E6	101.809	79.829
3) T	4-Nitroph...	6.893	7.158	233.3E6	46332108	127.780	68.257m#
5) T	DICAMBA	7.275	7.813	927.3E6	232.9E6	85.005	66.975
6) T	MCP	7.450	7.915	39009283	21327199	5.245	7.749 #
7) T	MCPA	7.594	8.154	81379349	84542659	7.683	16.900 #
8) T	DICHLORPROP	7.961	8.521	285.1E6	85395035	99.640	86.525
9) T	2,4-D	8.185	8.847	390.0E6	93309332	115.925	93.097
10) T	Pentachlo...	8.470	9.358	3847.0E6	831.1E6	99.013	60.143 #
11) T	2,4,5-TP ...	9.036	9.736	1550.1E6	393.4E6	98.322	79.408
12) T	2,4,5-T	9.322	10.152	1606.2E6	321.5E6	99.317	74.670
13) T	2,4-DB	9.885	10.713	223.5E6	35936004	86.183m	70.971
14) T	DINOSEB	11.059	11.085	1069.3E6	252.1E6	101.424	74.618 #
15) T	Picloram	10.878	12.162	1770.2E6	215.6E6	82.228	51.616 #
16) T	DCPA	11.357	12.116	1855.9E6	380.0E6	104.496	79.172m

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

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ALS Vial : 5 Sample Multiplier: 1

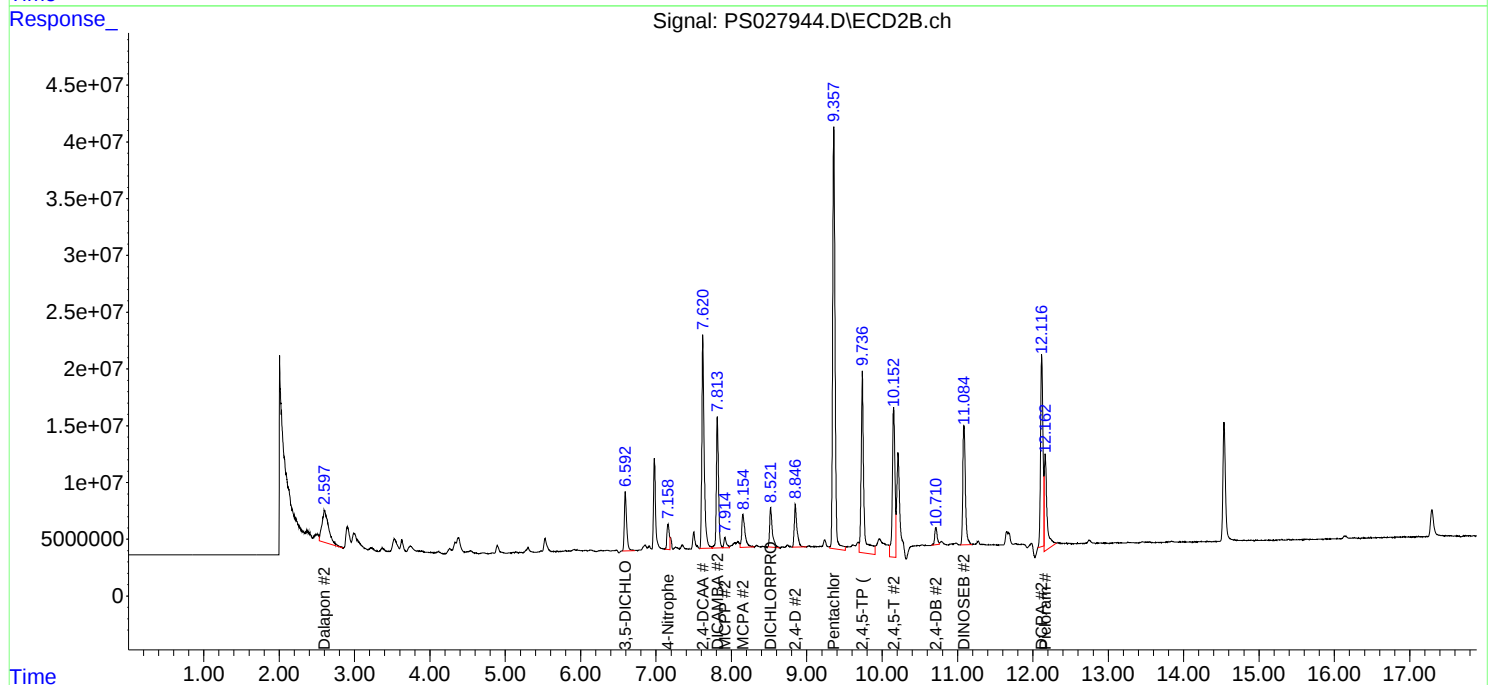
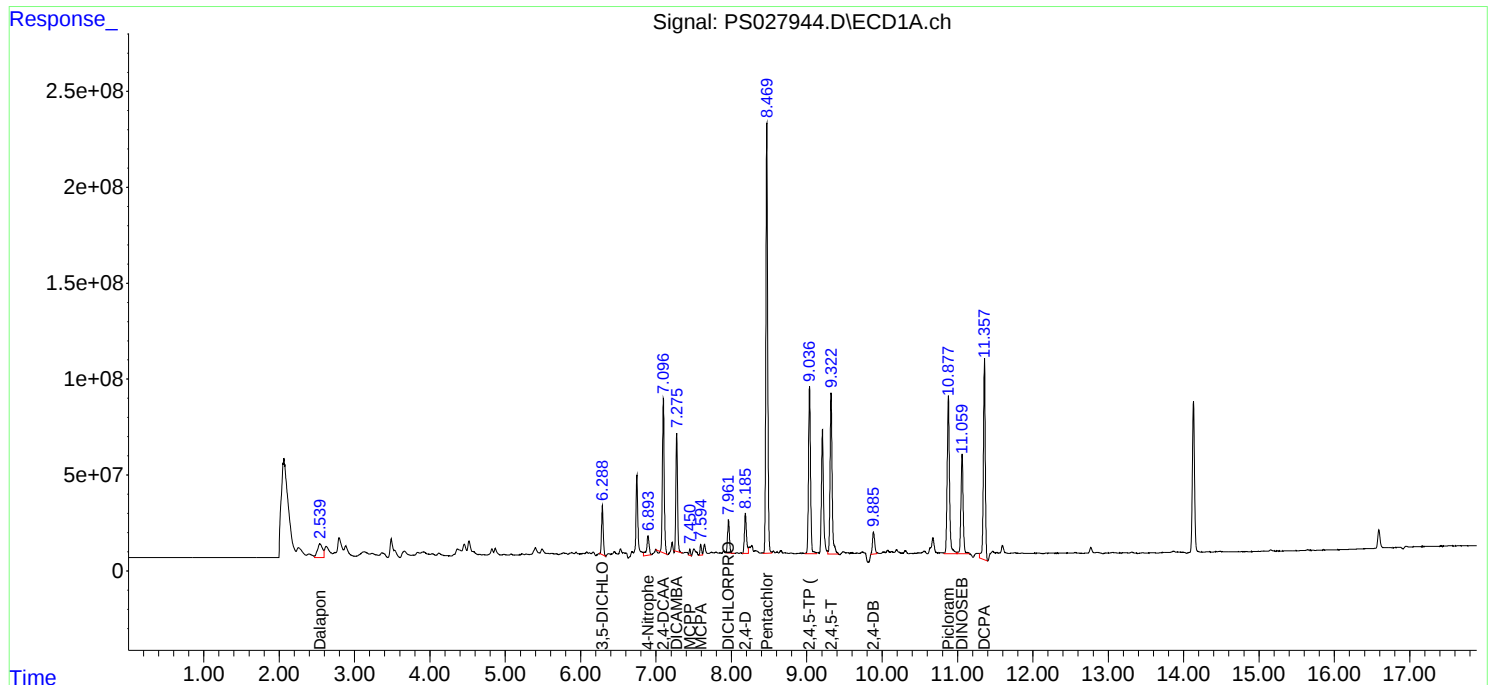
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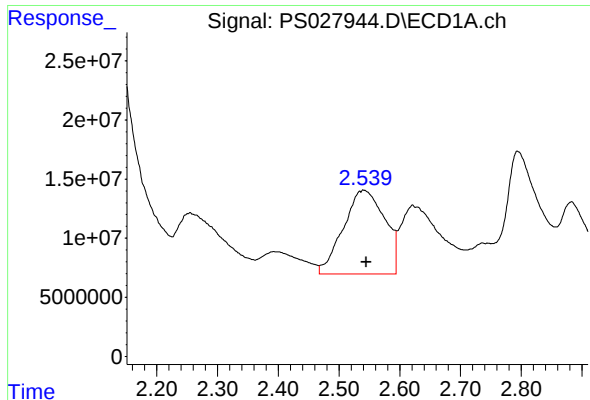
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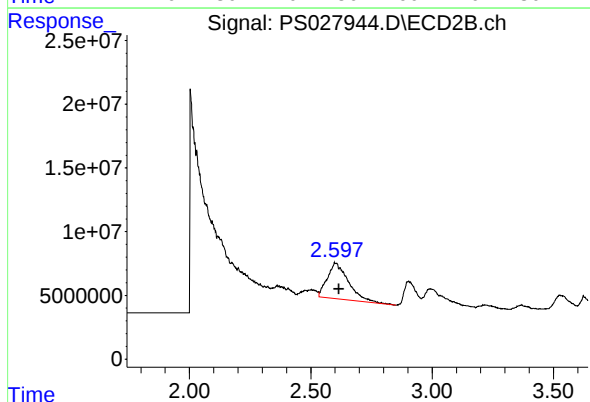
#1 Dalapon

R.T.: 2.541 min
Delta R.T.: -0.004 min
Response: 335183056
Conc: 74.69 ng/ml

Instrument :
ECD_S
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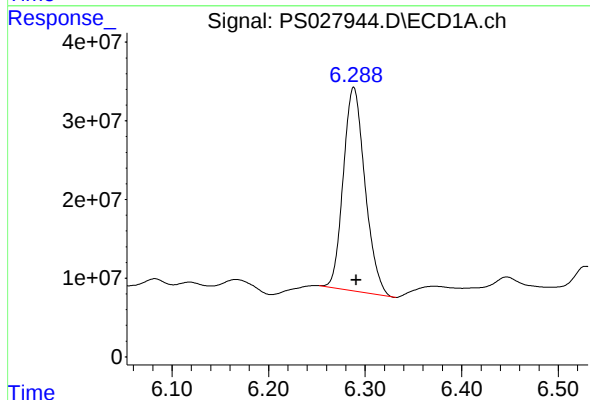
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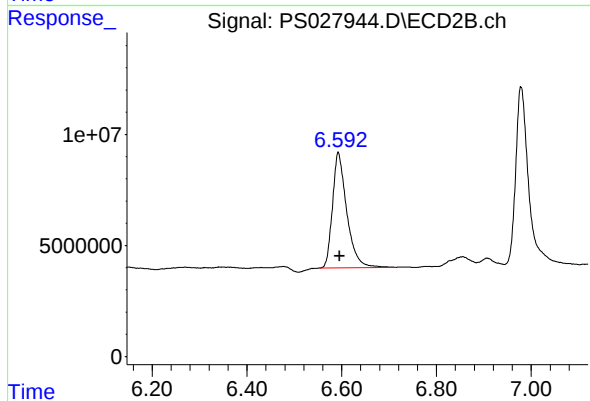
#1 Dalapon

R.T.: 2.601 min
Delta R.T.: -0.015 min
Response: 170976044
Conc: 102.65 ng/ml



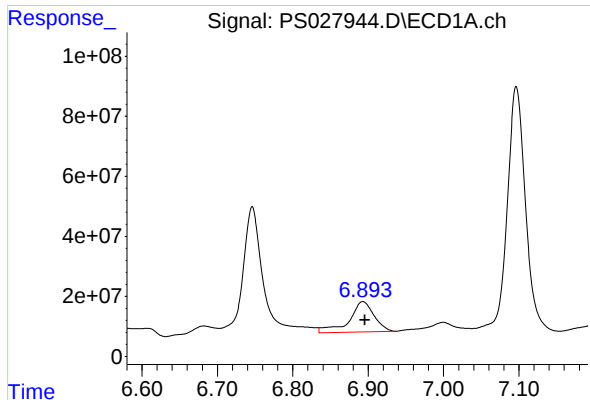
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 404401630
Conc: 101.81 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 109162571
Conc: 79.83 ng/ml



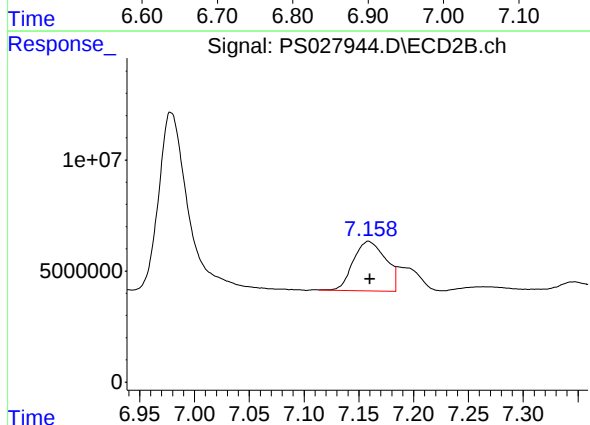
#3 4-Nitrophenol

R.T.: 6.893 min
Delta R.T.: -0.002 min
Response: 233310470
Conc: 127.78 ng/ml

Instrument :
ECD_S
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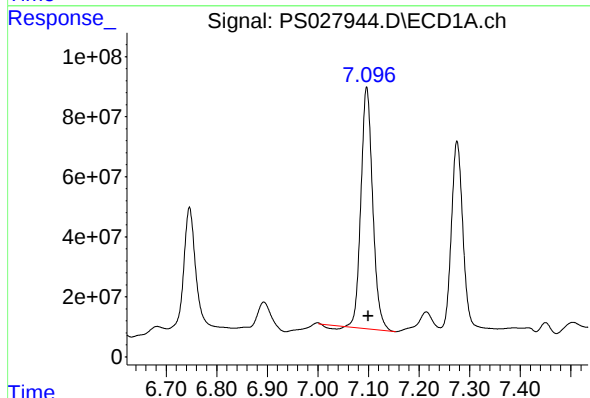
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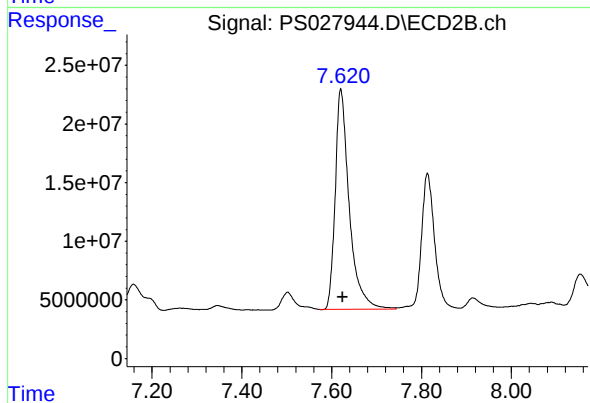
#3 4-Nitrophenol

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 46332108
Conc: 68.26 ng/ml



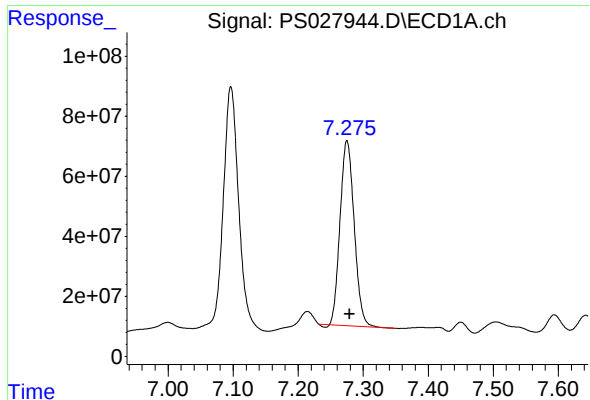
#4 2,4-DCAA

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 1288383575
Conc: 478.19 ng/ml



#4 2,4-DCAA

R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 408360183
Conc: 410.96 ng/ml



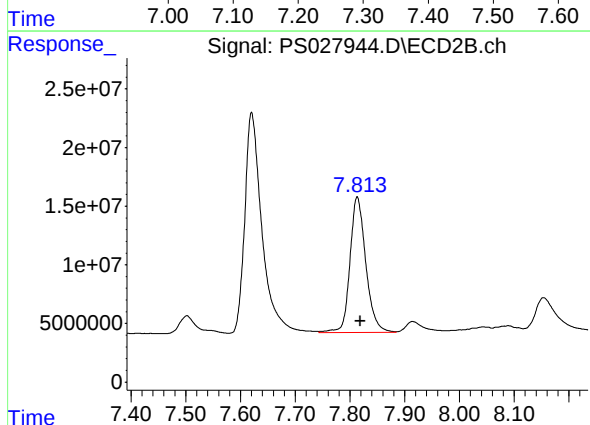
#5 DICAMBA

R.T.: 7.275 min
Delta R.T.: -0.004 min
Response: 927336572
Conc: 85.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
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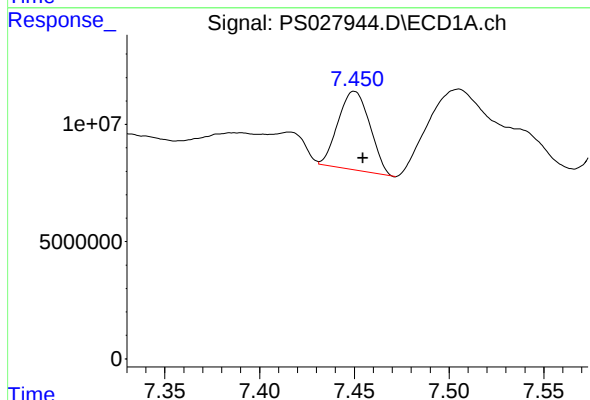
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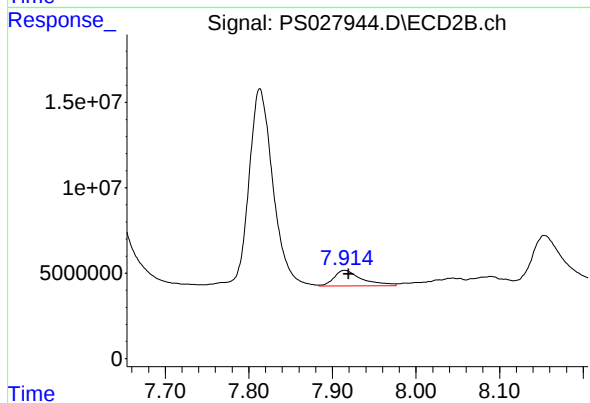
#5 DICAMBA

R.T.: 7.813 min
Delta R.T.: -0.006 min
Response: 232882348
Conc: 66.97 ng/ml



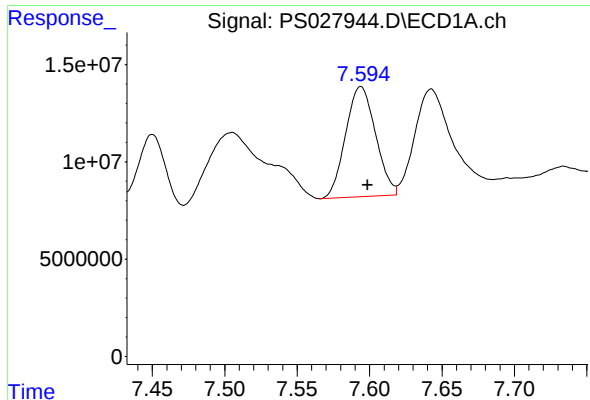
#6 MCP

R.T.: 7.450 min
Delta R.T.: -0.005 min
Response: 39009283
Conc: 5.25 ug/ml



#6 MCP

R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 21327199
Conc: 7.75 ug/ml



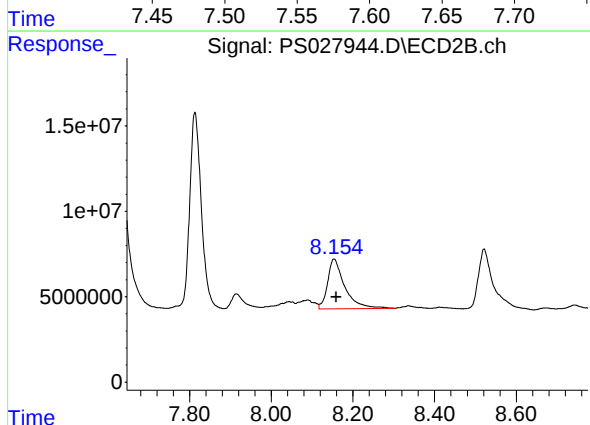
#7 MCPA

R.T.: 7.594 min
Delta R.T.: -0.005 min
Response: 81379349
Conc: 7.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

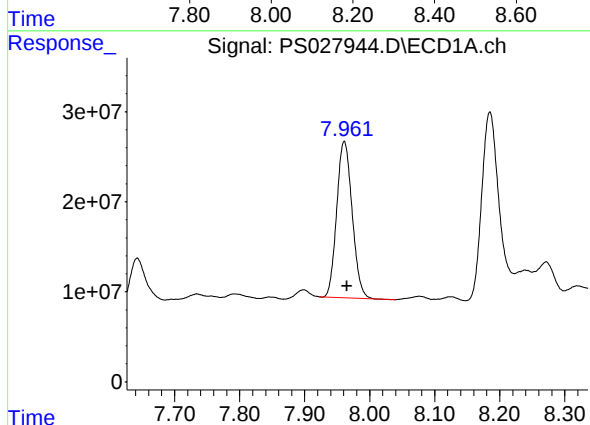
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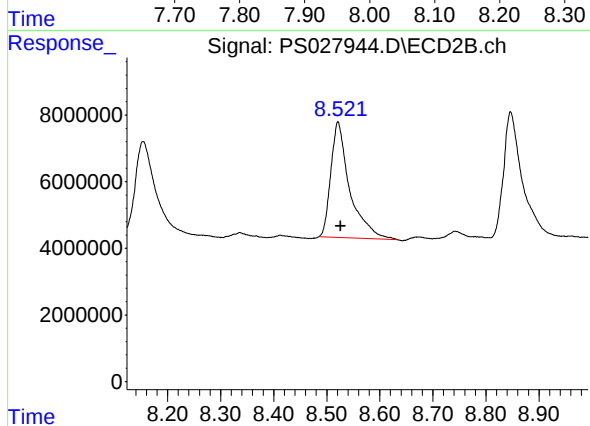
#7 MCPA

R.T.: 8.154 min
Delta R.T.: -0.005 min
Response: 84542659
Conc: 16.90 ug/ml



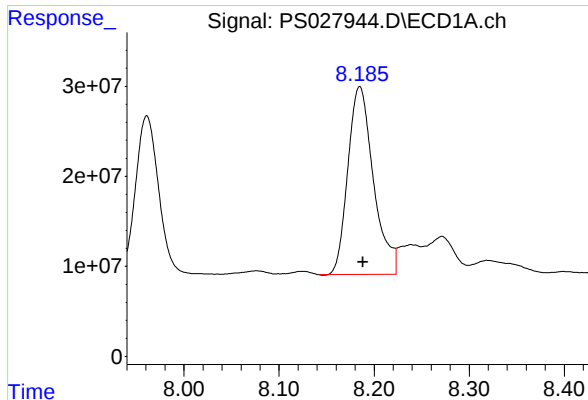
#8 DICHLORPROP

R.T.: 7.961 min
Delta R.T.: -0.004 min
Response: 285146134
Conc: 99.64 ng/ml



#8 DICHLORPROP

R.T.: 8.521 min
Delta R.T.: -0.004 min
Response: 85395035
Conc: 86.52 ng/ml



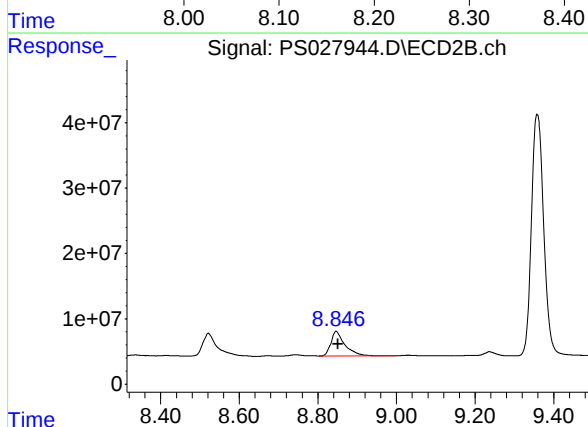
#9 2,4-D

R.T.: 8.185 min
Delta R.T.: -0.003 min
Response: 389977138
Conc: 115.93 ng/ml

Instrument :
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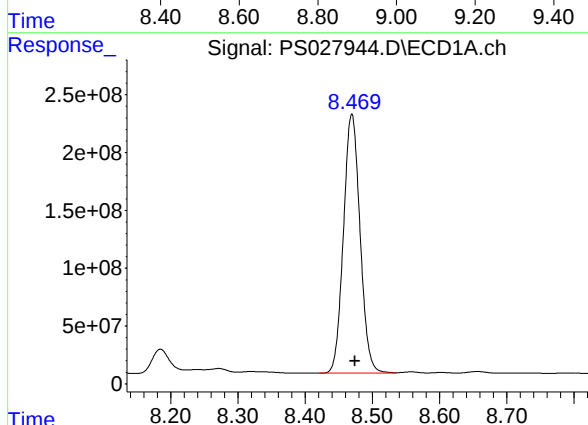
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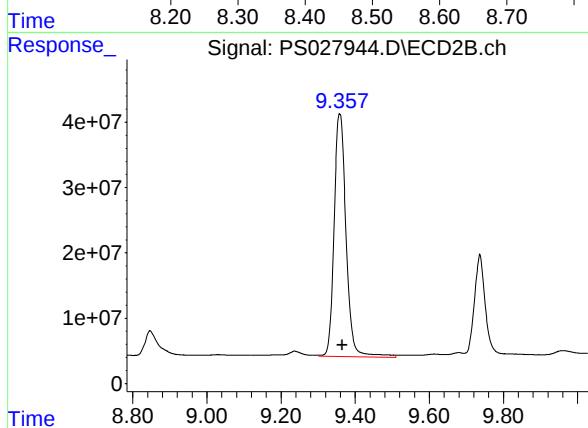
#9 2,4-D

R.T.: 8.847 min
Delta R.T.: -0.005 min
Response: 93309332
Conc: 93.10 ng/ml



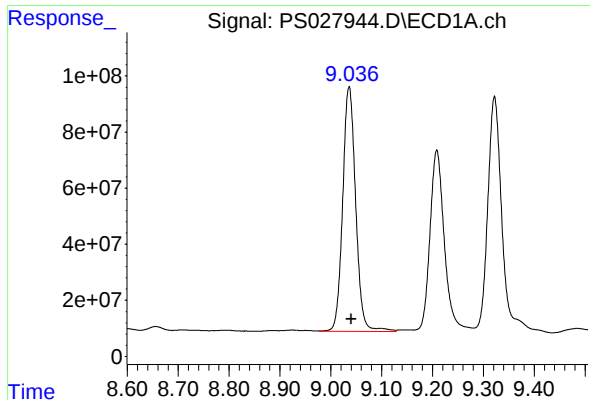
#10 Pentachlorophenol

R.T.: 8.470 min
Delta R.T.: -0.005 min
Response: 3847021843
Conc: 99.01 ng/ml



#10 Pentachlorophenol

R.T.: 9.358 min
Delta R.T.: -0.007 min
Response: 831111837
Conc: 60.14 ng/ml



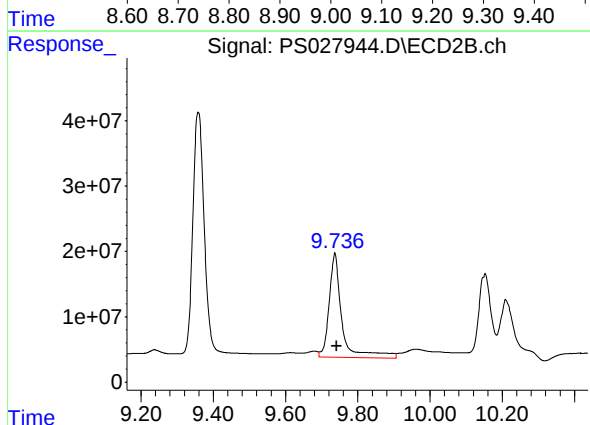
#11 2,4,5-TP (SILVEX)

R.T.: 9.036 min
Delta R.T.: -0.005 min
Response: 1550126084
Conc: 98.32 ng/ml

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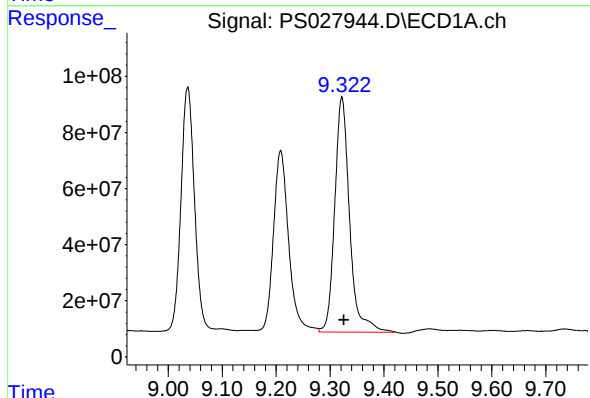
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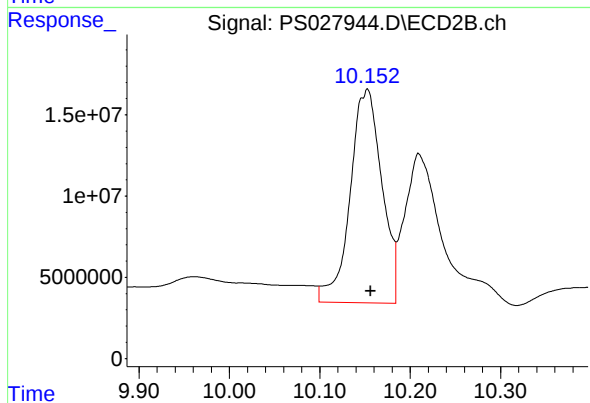
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: -0.005 min
Response: 393407096
Conc: 79.41 ng/ml



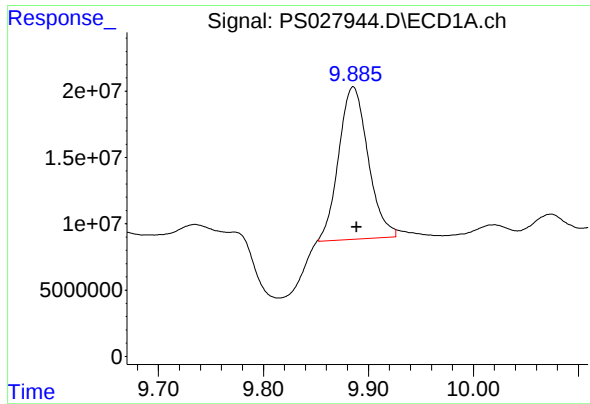
#12 2,4,5-T

R.T.: 9.322 min
Delta R.T.: -0.004 min
Response: 1606216831
Conc: 99.32 ng/ml



#12 2,4,5-T

R.T.: 10.152 min
Delta R.T.: -0.004 min
Response: 321470896
Conc: 74.67 ng/ml



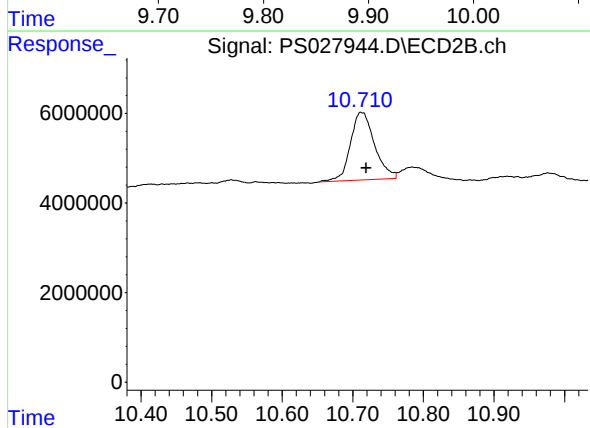
#13 2,4-DB

R.T.: 9.885 min
Delta R.T.: -0.004 min
Response: 223532000
Conc: 86.18 ng/ml

Instrument :
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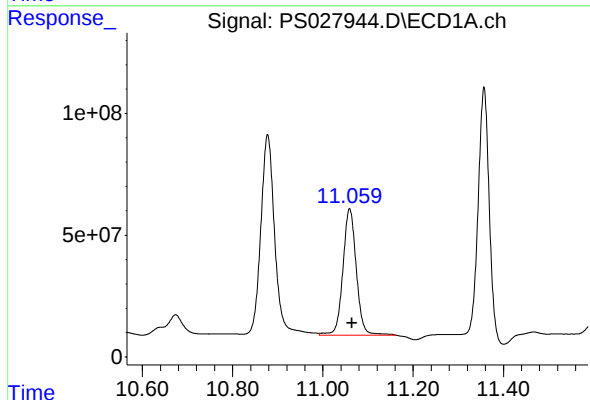
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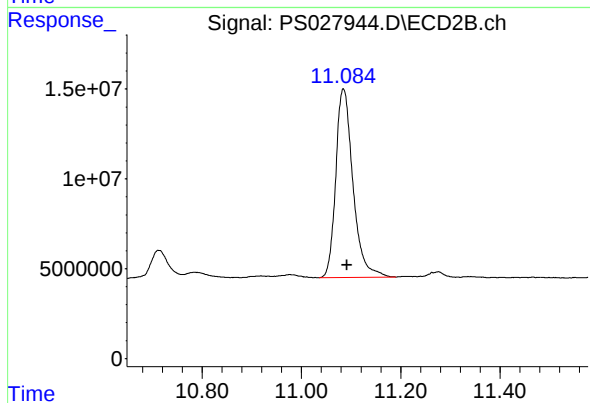
#13 2,4-DB

R.T.: 10.713 min
Delta R.T.: -0.006 min
Response: 35936004
Conc: 70.97 ng/ml



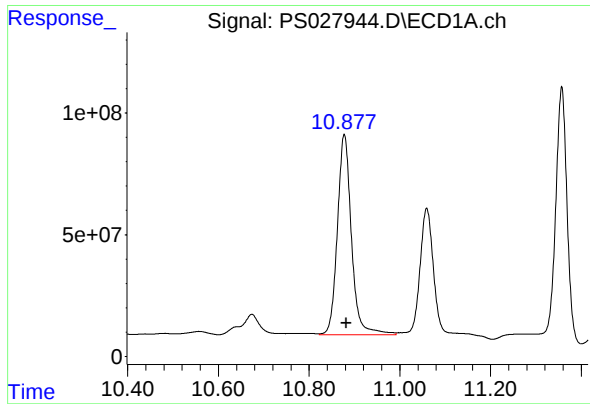
#14 DINOSEB

R.T.: 11.059 min
Delta R.T.: -0.006 min
Response: 1069312544
Conc: 101.42 ng/ml



#14 DINOSEB

R.T.: 11.085 min
Delta R.T.: -0.007 min
Response: 252061276
Conc: 74.62 ng/ml



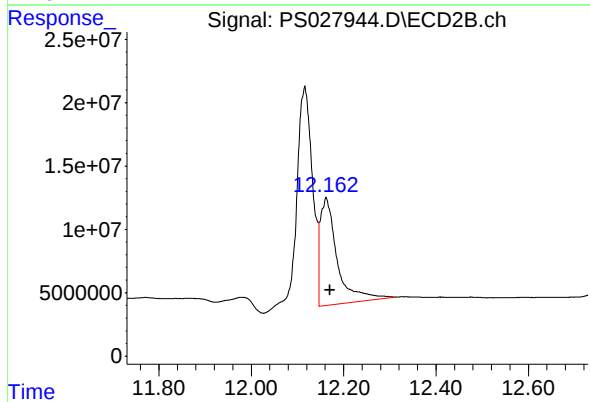
#15 Picloram

R.T.: 10.878 min
Delta R.T.: -0.004 min
Response: 1770160828
Conc: 82.23 ng/ml

Instrument :
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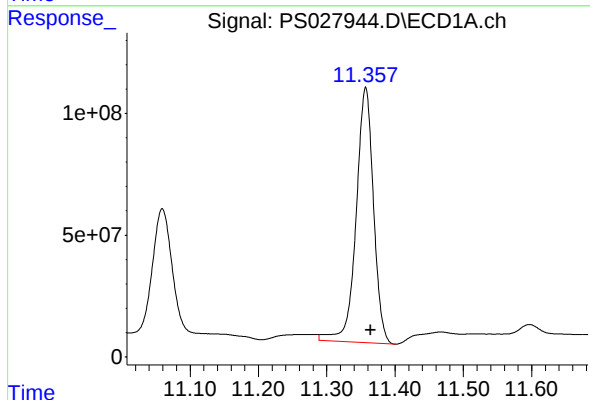
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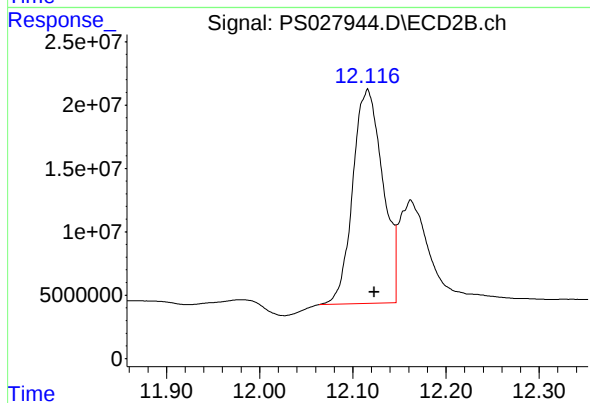
#15 Picloram

R.T.: 12.162 min
Delta R.T.: -0.009 min
Response: 215622539
Conc: 51.62 ng/ml



#16 DCPA

R.T.: 11.357 min
Delta R.T.: -0.007 min
Response: 1855939246
Conc: 104.50 ng/ml



#16 DCPA

R.T.: 12.116 min
Delta R.T.: -0.008 min
Response: 380049595
Conc: 79.17 ng/ml m