

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062025\
 Data File : PS030789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 19:43
 Operator : AR\AJ
 Sample : Q2126-01
 Misc : LOD MDL SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:02:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 2025
 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	7.345	7.768	1429.7E6	413.0E6	389.087	385.244
Target Compounds							
1) T	Dalapon	2.706	2.710	527.8E6	342.7E6	88.474	124.983 #
2) T	3,5-DICHL...	6.504	6.714	681.0E6	203.2E6	126.643	125.942m
3) T	4-Nitroph...	7.145	7.302	199.4E6	197.3E6	126.431	113.816
5) T	DICAMBA	7.534	7.971	1854.1E6	760.9E6	121.857	116.114
6) T	MCPD	7.713	8.065	69217698	18078918	7.373	8.620m
7) T	MCPA	7.863	8.313	111.4E6	27907323	9.498	8.871
8) T	DICHLORPROP	8.248	8.690	468.8E6	199.7E6	125.157m	127.027
9) T	2,4-D	8.481	9.026	474.9E6	221.3E6	137.862	130.199m
10) T	Pentachlo...	8.788	9.550	6796.8E6	4464.5E6	128.422	117.110m
11) T	2,4,5-TP ...	9.369	9.931	2537.0E6	1723.5E6	126.658	119.451
12) T	2,4,5-T	9.663	10.358	2044.8E6	1660.5E6	124.282	121.520
13) T	2,4-DB	10.241	10.925	310.8E6	148.5E6	135.526	125.578
14) T	DINOSEB	11.459	11.310	1705.3E6	1244.8E6	122.924m	115.461
15) T	Picloram	11.270	12.420	1943.5E6	2443.5E6	120.895m	105.134
16) T	DCPA	11.755	12.354	3272.7E6	2608.3E6	127.759	118.331m

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

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ALS Vial : 20 Sample Multiplier: 1

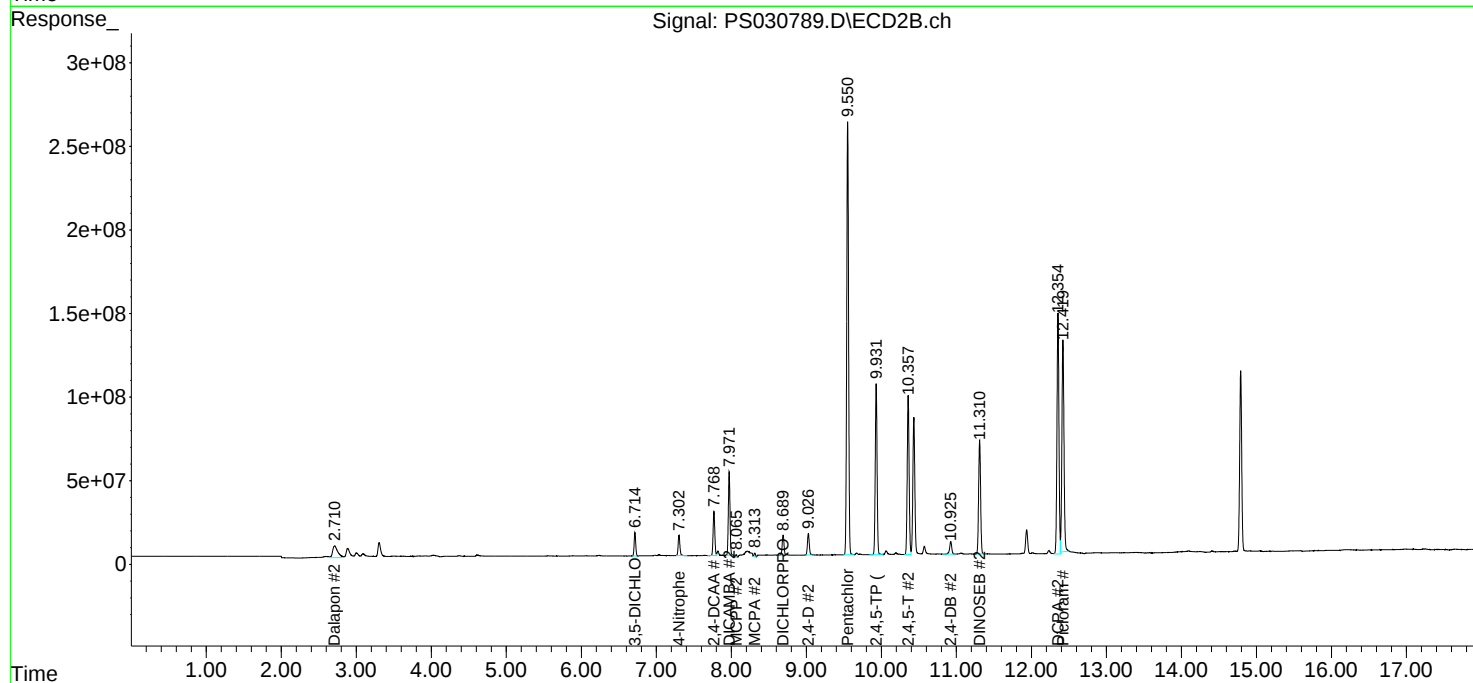
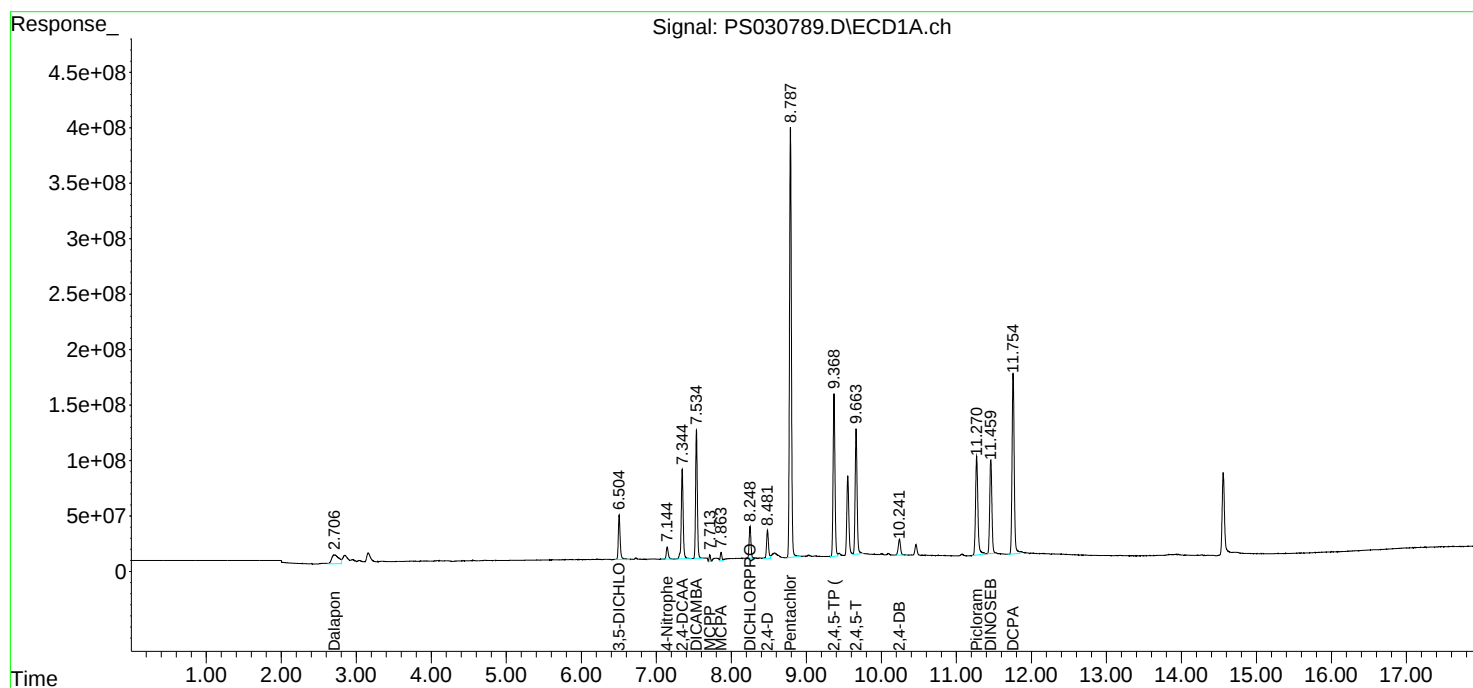
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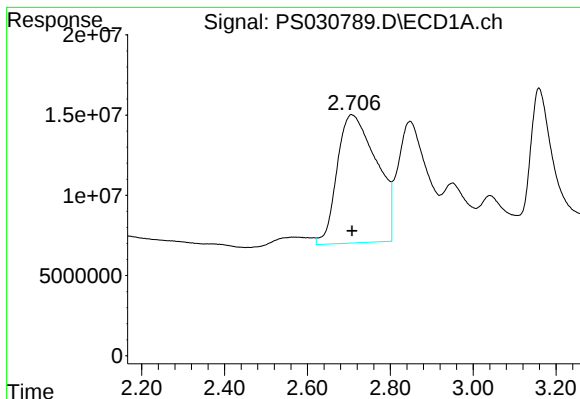
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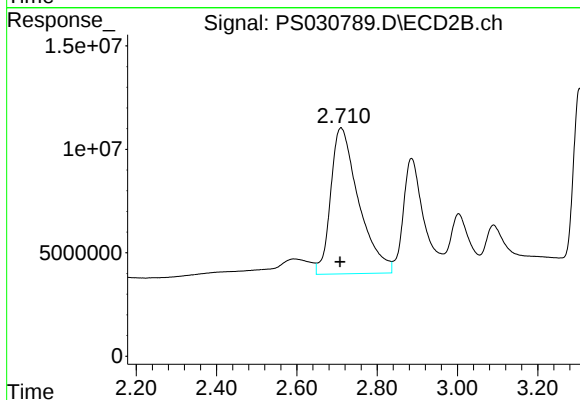
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 527803648
Conc: 88.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

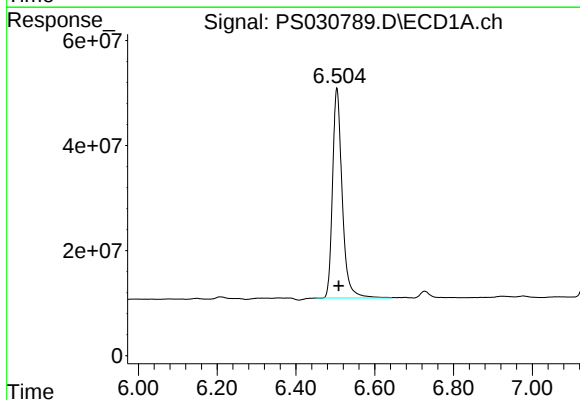
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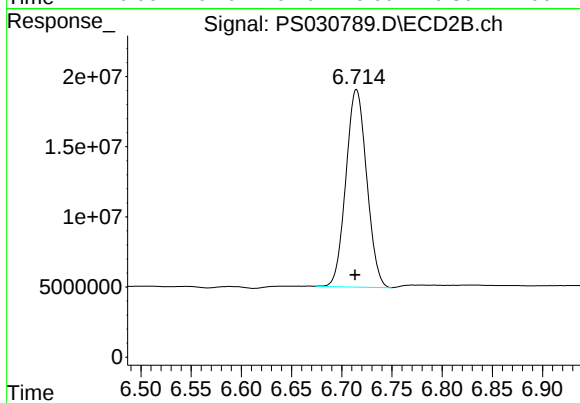
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.002 min
Response: 342671438
Conc: 124.98 ng/ml



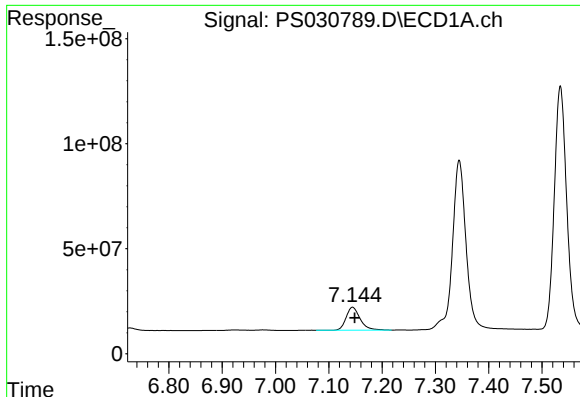
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 681030118
Conc: 126.64 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 203164037
Conc: 125.94 ng/ml m



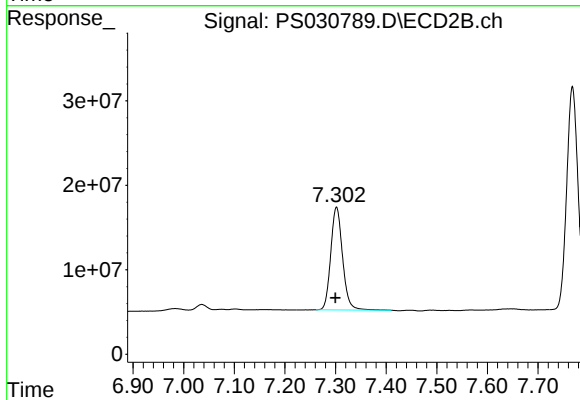
#3 4-Nitrophenol

R.T.: 7.145 min
Delta R.T.: -0.004 min
Response: 199351698
Conc: 126.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
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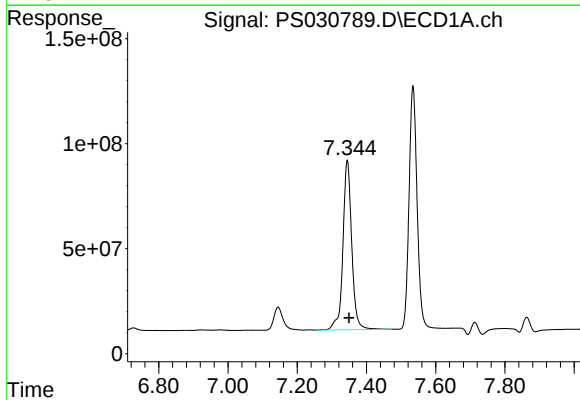
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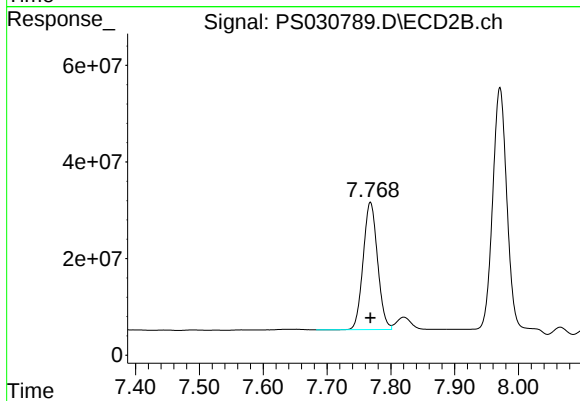
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.002 min
Response: 197304901
Conc: 113.82 ng/ml



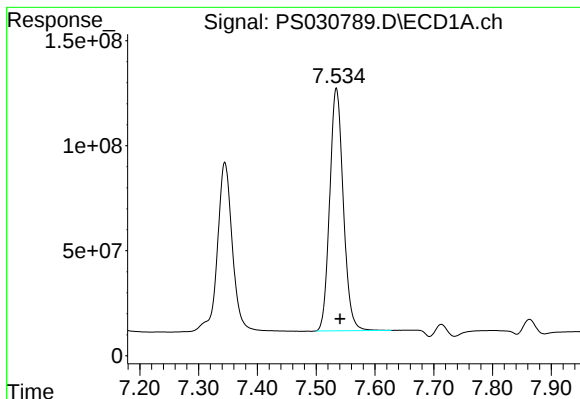
#4 2,4-DCAA

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 1429659160
Conc: 389.09 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 412968117
Conc: 385.24 ng/ml



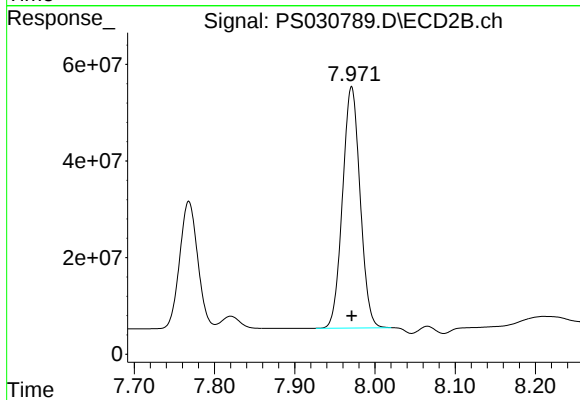
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 1854061005
Conc: 121.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
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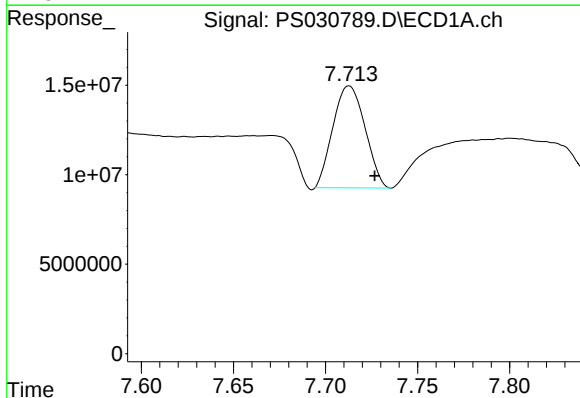
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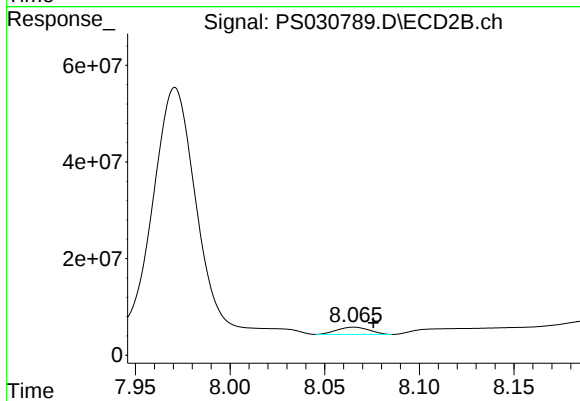
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 760919026
Conc: 116.11 ng/ml



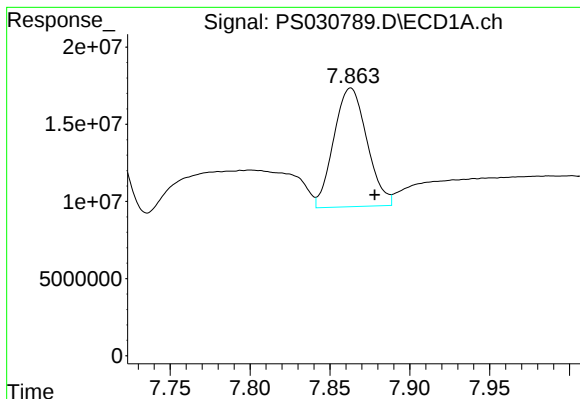
#6 MCP

R.T.: 7.713 min
Delta R.T.: -0.014 min
Response: 69217698
Conc: 7.37 ug/ml



#6 MCP

R.T.: 8.065 min
Delta R.T.: -0.011 min
Response: 18078918
Conc: 8.62 ug/ml m



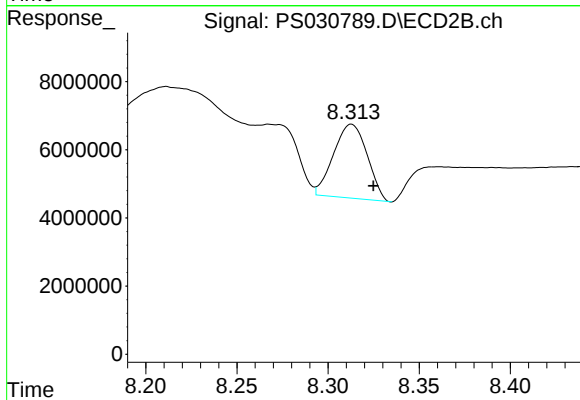
#7 MCPA

R.T.: 7.863 min
Delta R.T.: -0.015 min
Response: 111417458
Conc: 9.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

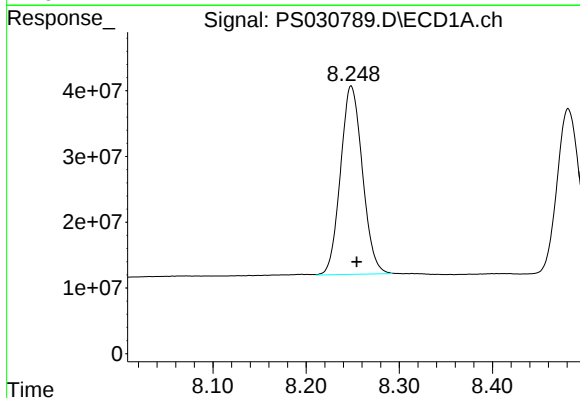
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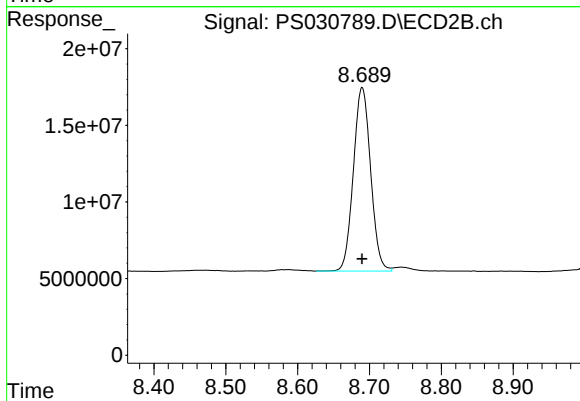
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.012 min
Response: 27907323
Conc: 8.87 ug/ml



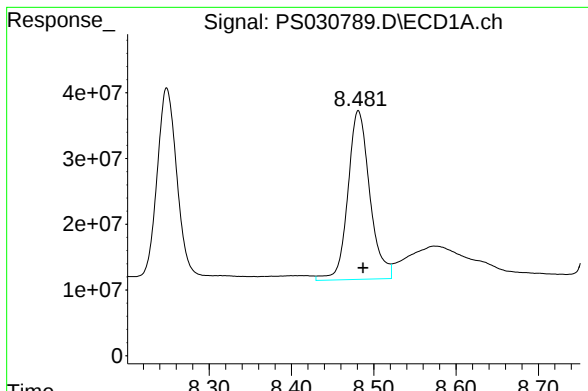
#8 DICHLORPROP

R.T.: 8.248 min
Delta R.T.: -0.006 min
Response: 468808893
Conc: 125.16 ng/ml m



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 199749654
Conc: 127.03 ng/ml



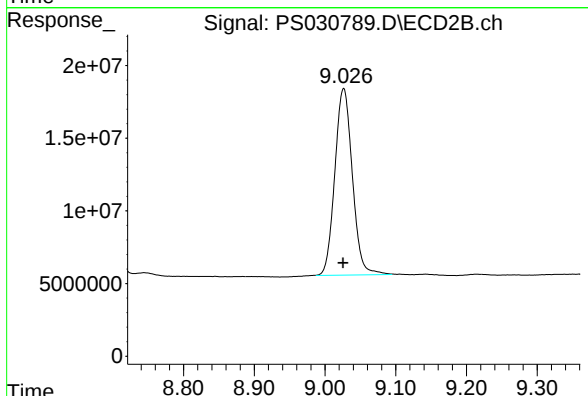
#9 2,4-D

R.T.: 8.481 min
Delta R.T.: -0.006 min
Response: 474855200
Conc: 137.86 ng/ml

Instrument :
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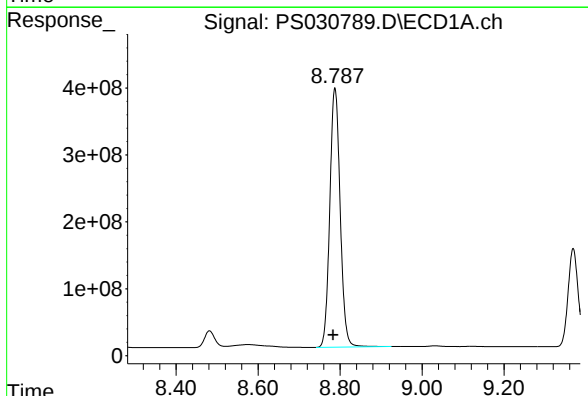
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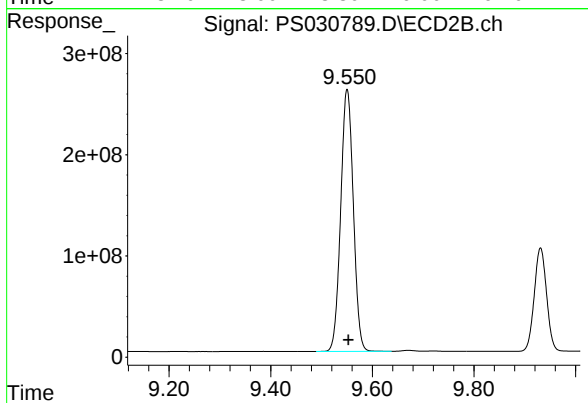
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 221260280
Conc: 130.20 ng/ml m



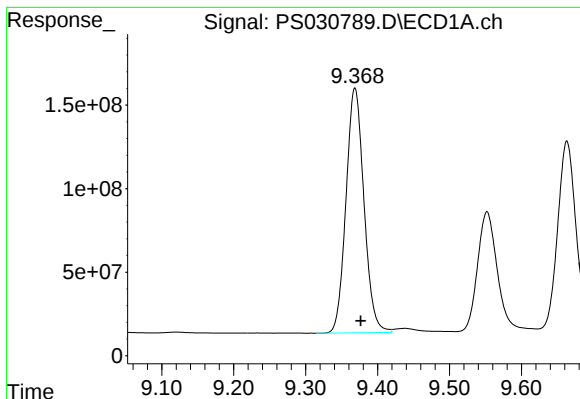
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 6796779586
Conc: 128.42 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.003 min
Response: 4464461817
Conc: 117.11 ng/ml m



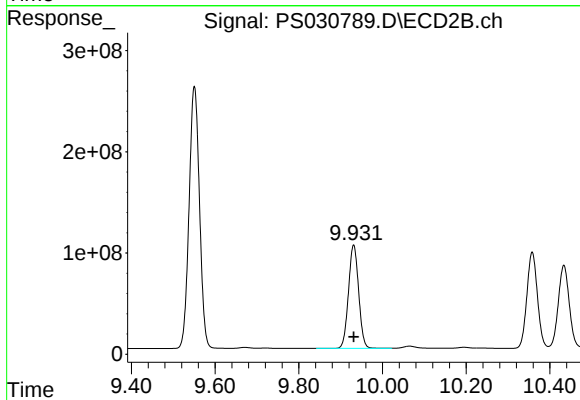
#11 2,4,5-TP (SILVEX)

R.T.: 9.369 min
Delta R.T.: -0.008 min
Response: 2537021060
Conc: 126.66 ng/ml

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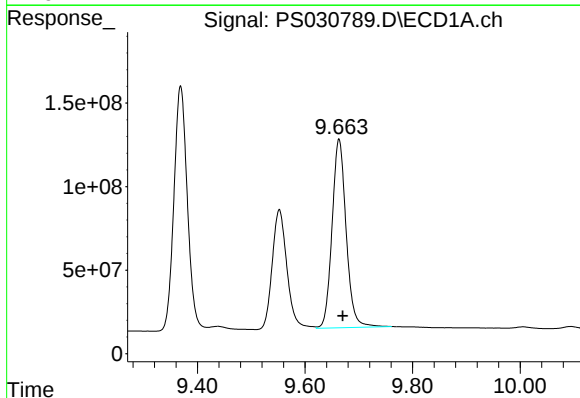
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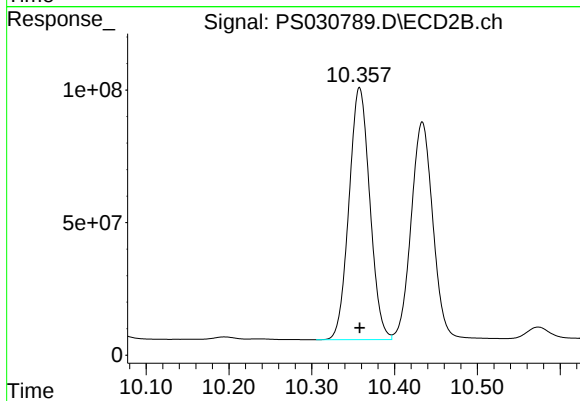
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 1723525675
Conc: 119.45 ng/ml



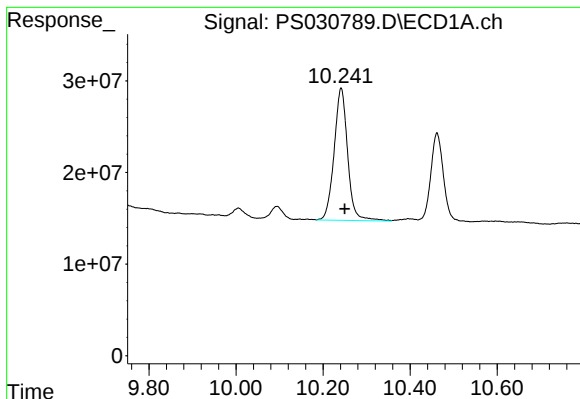
#12 2,4,5-T

R.T.: 9.663 min
Delta R.T.: -0.007 min
Response: 2044825363
Conc: 124.28 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 1660523892
Conc: 121.52 ng/ml



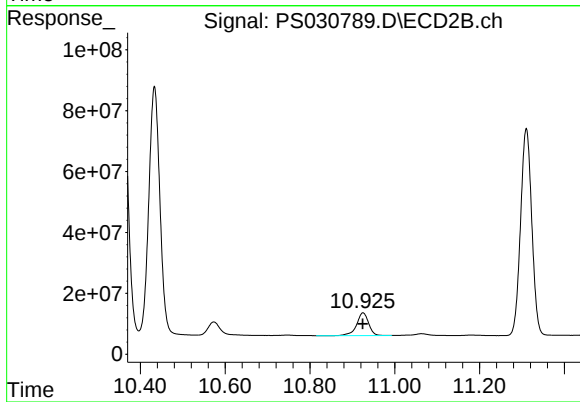
#13 2,4-DB

R.T.: 10.241 min
Delta R.T.: -0.008 min
Response: 310828939
Conc: 135.53 ng/ml

Instrument :
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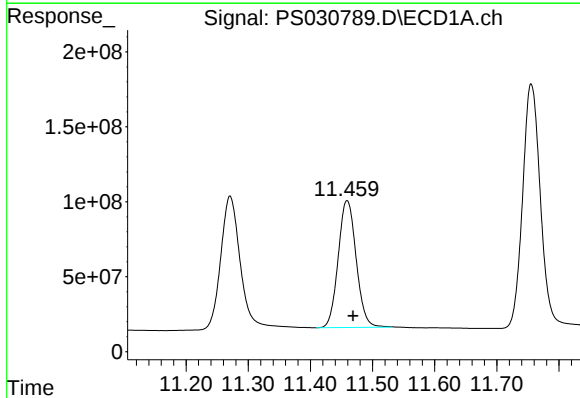
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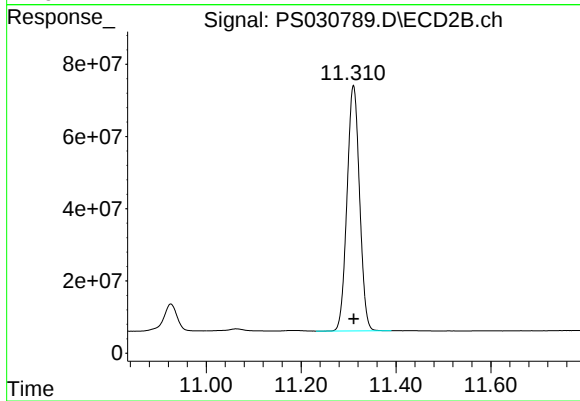
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 148546147
Conc: 125.58 ng/ml



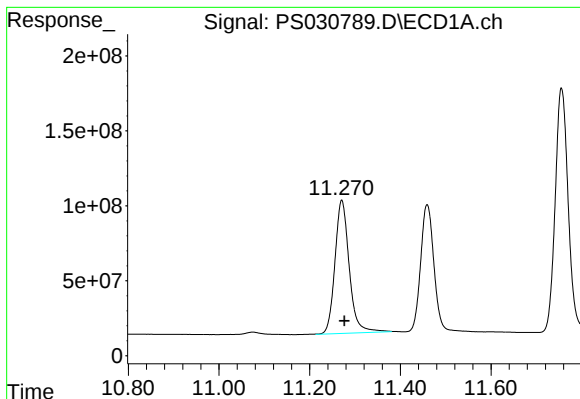
#14 DINOSEB

R.T.: 11.459 min
Delta R.T.: -0.010 min
Response: 1705344581
Conc: 122.92 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 1244814405
Conc: 115.46 ng/ml



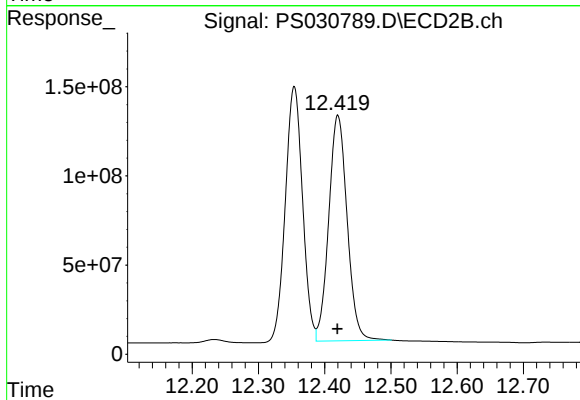
#15 Picloram

R.T.: 11.270 min
Delta R.T.: -0.006 min
Response: 1943519987
Conc: 120.89 ng/ml

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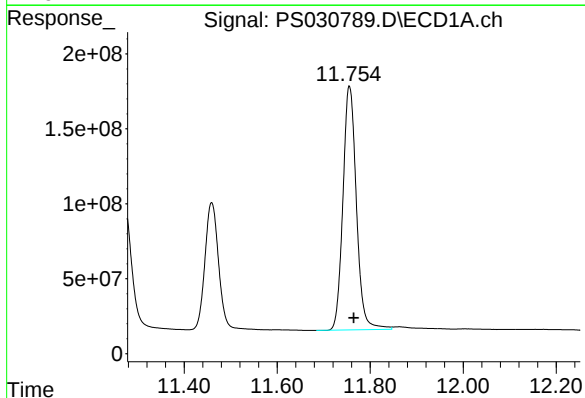
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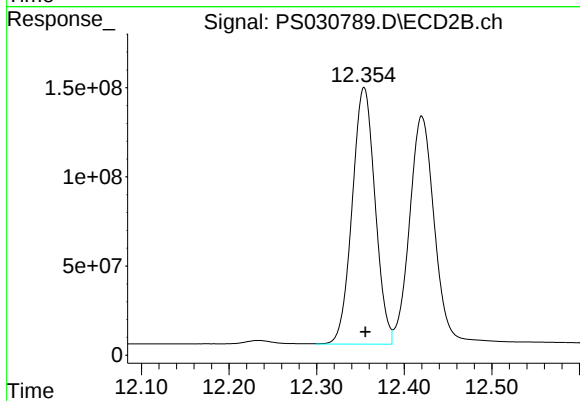
#15 Picloram

R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 2443464501
Conc: 105.13 ng/ml



#16 DCPA

R.T.: 11.755 min
Delta R.T.: -0.010 min
Response: 3272715656
Conc: 127.76 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 2608343430
Conc: 118.33 ng/ml m