

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050824\
 Data File : PS026676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2024 18:15
 Operator : AR\AJ
 Sample : P2403-01
 Misc : LOD SOIL 100PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 04:54:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS050624.M
 Quant Title : 8080.M
 QLast Update : Mon May 06 13:55:47 2024
 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	7.274	7.782	1133.0E6	680.1E6	455.593	407.875m
Target Compounds							
1) T	Dalapon	2.655	2.705	281.2E6	259.2E6	76.887m	88.417m
2) T	3,5-DICHL...	6.439	6.728	267.7E6	202.6E6	77.829	82.826
3) T	4-Nitroph...	7.075	7.306	134.7E6	100.4E6	83.626	88.274m
5) T	DICAMBA	7.462	7.982	776.8E6	549.3E6	75.743	74.193m
6) T	MCPD	7.638	8.079	47063855	36363011	6.334m	7.074
7) T	MCPA	7.787	8.323	76226336	59370754	6.887	7.940m
8) T	DICHLORPROP	8.168	8.699	268.9E6	164.1E6	89.723	85.503
9) T	2,4-D	8.399	9.029	317.0E6	201.6E6	96.304	97.824
10) T	Pentachlo...	8.697	9.560	3415.1E6	2299.2E6	83.398	84.126
11) T	2,4,5-TP ...	9.277	9.935	1429.7E6	1015.6E6	85.900	92.034m
12) T	2,4,5-T	9.570	10.355	1333.9E6	940.9E6	78.266	86.865m
13) T	2,4-DB	10.144	10.948	164.3E6	225.5E6	69.320m	165.892m#
14) T	DINOSEB	11.355	11.301	951.0E6	733.4E6	92.623m	106.759
15) T	Picloram	11.162	12.398	1695.8E6	1204.3E6	75.919m	75.149
16) T	DCPA	11.644	12.345	972.4E6	1144.3E6	51.652m	86.546 #

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

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Operator : AR\AJ
Sample : P2403-01
Misc : LOD SOIL 100PPB
ALS Vial : 6 Sample Multiplier: 1

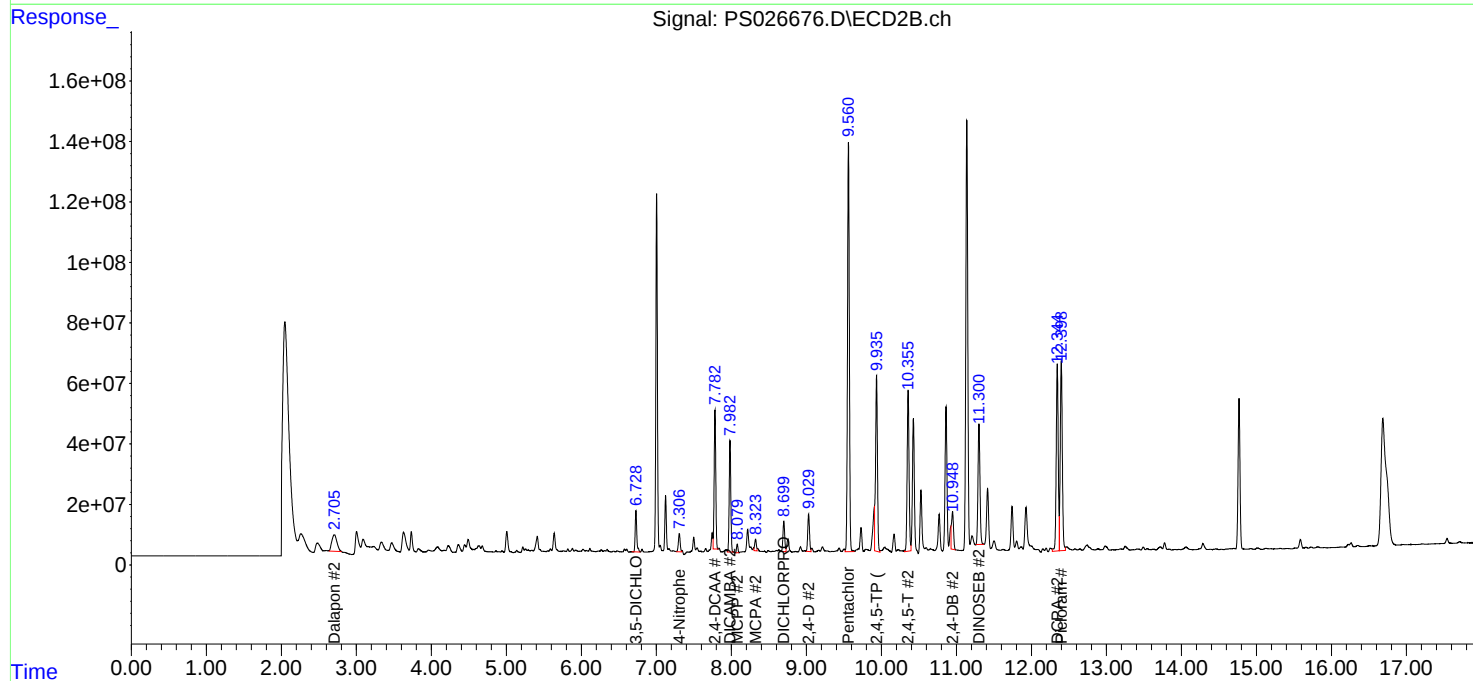
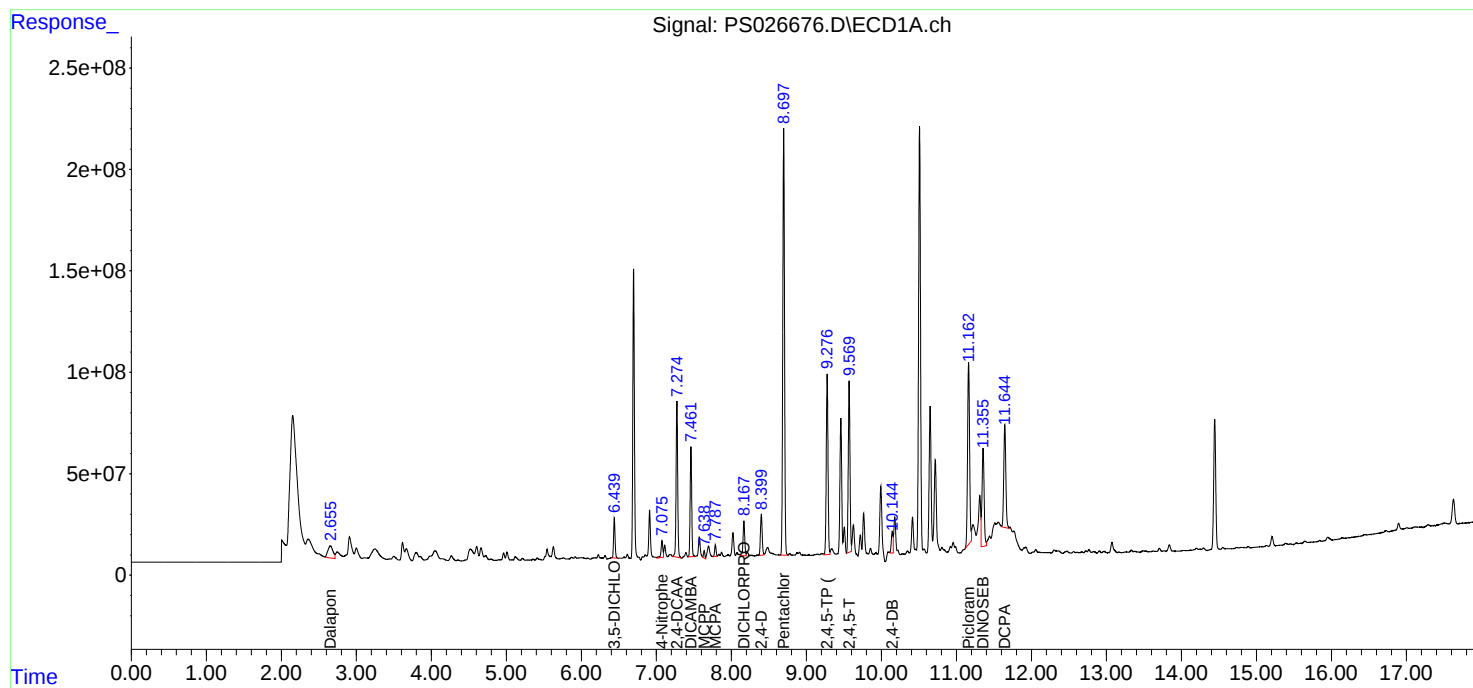
Instrument :
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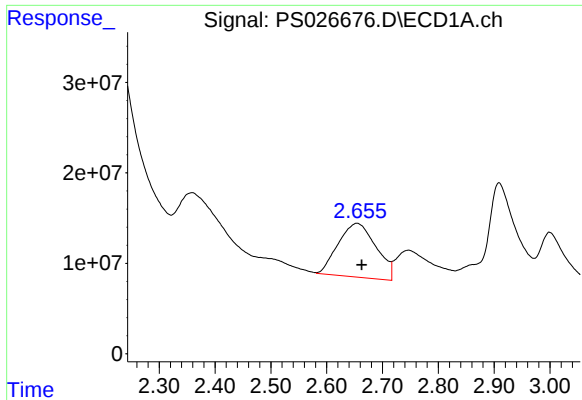
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Supervised By : Ankita Jodhani 05/09/2024

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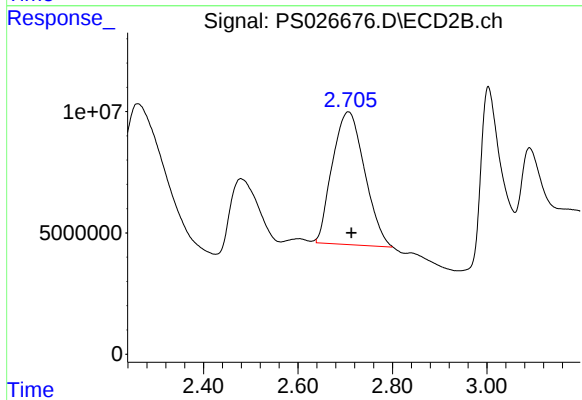
#1 Dalapon

R.T.: 2.655 min
Delta R.T.: -0.008 min
Response: 281196818
Conc: 76.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

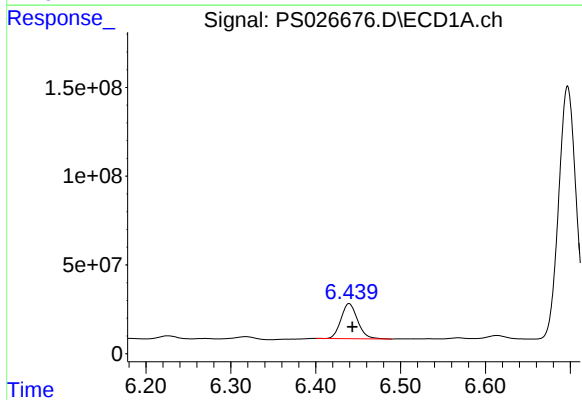
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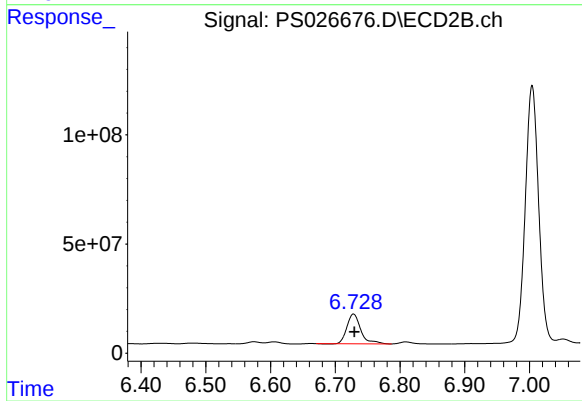
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.008 min
Response: 259216788
Conc: 88.42 ng/ml m



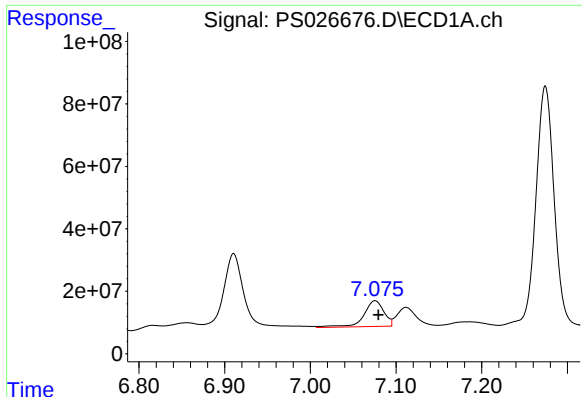
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.439 min
Delta R.T.: -0.004 min
Response: 267685588
Conc: 77.83 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 202623215
Conc: 82.83 ng/ml



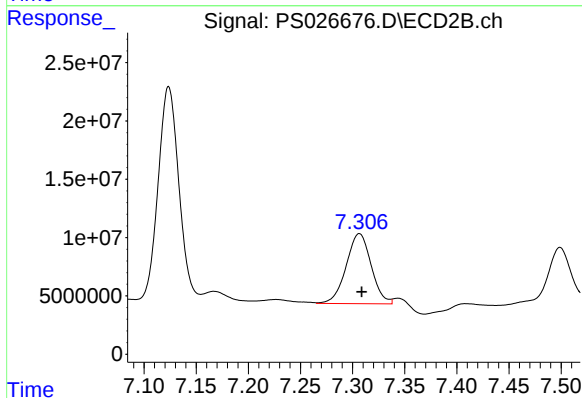
#3 4-Nitrophenol

R.T.: 7.075 min
Delta R.T.: -0.004 min
Response: 134734342
Conc: 83.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

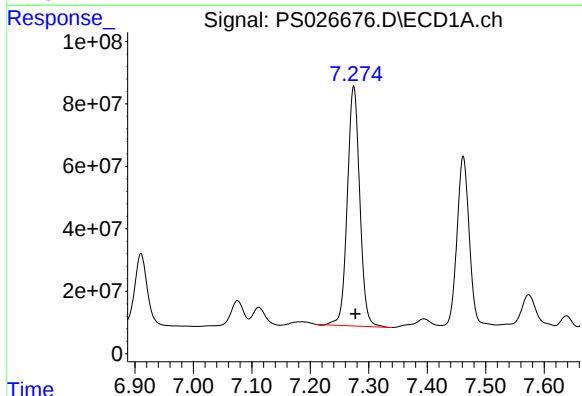
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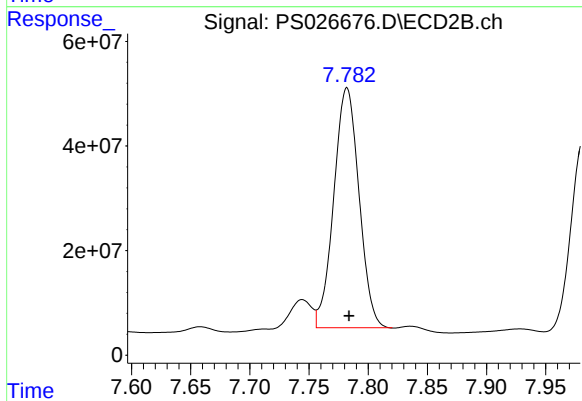
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 100390285
Conc: 88.27 ng/ml m



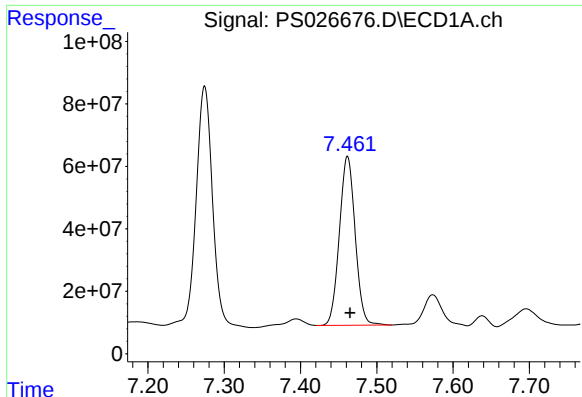
#4 2,4-DCAA

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 1132995889
Conc: 455.59 ng/ml



#4 2,4-DCAA

R.T.: 7.782 min
Delta R.T.: -0.002 min
Response: 680096389
Conc: 407.87 ng/ml m



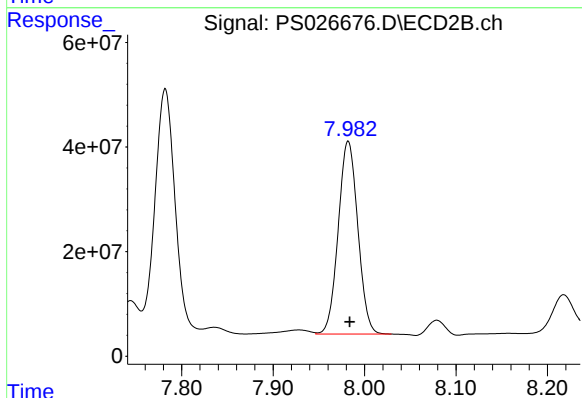
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.004 min
Response: 776796037
Conc: 75.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

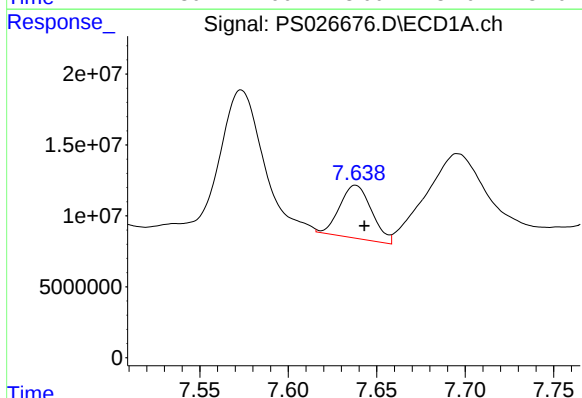
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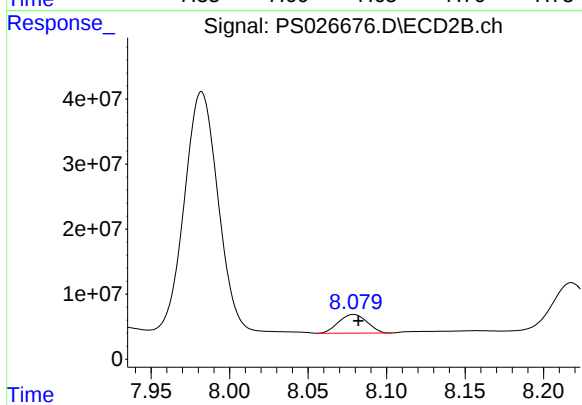
#5 DICAMBA

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 549323052
Conc: 74.19 ng/ml m



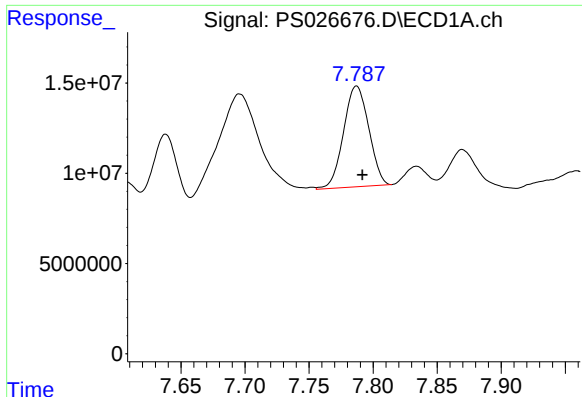
#6 MCPP

R.T.: 7.638 min
Delta R.T.: -0.005 min
Response: 47063855
Conc: 6.33 ug/ml m



#6 MCPP

R.T.: 8.079 min
Delta R.T.: -0.003 min
Response: 36363011
Conc: 7.07 ug/ml



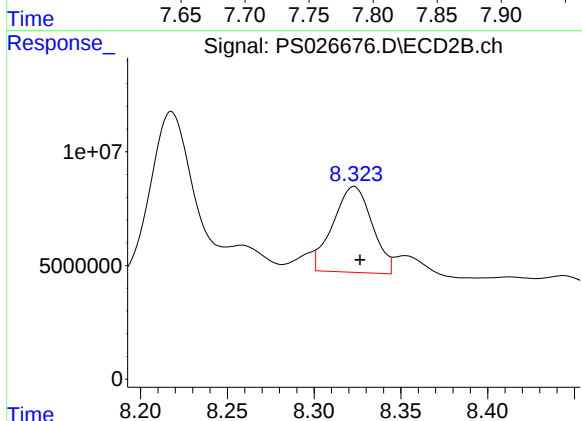
#7 MCPA

R.T.: 7.787 min
Delta R.T.: -0.005 min
Response: 76226336
Conc: 6.89 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

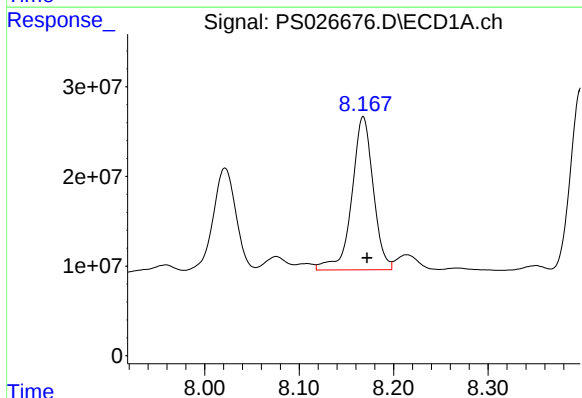
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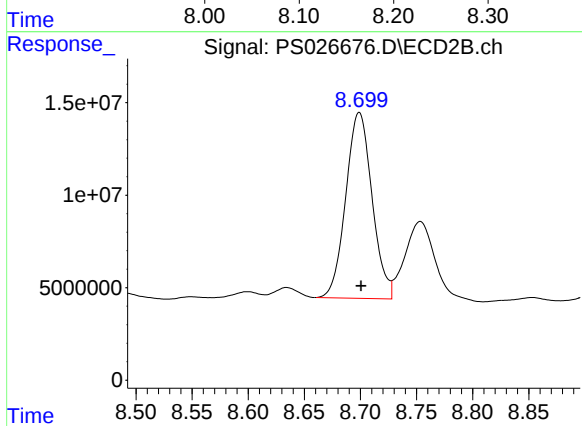
#7 MCPA

R.T.: 8.323 min
Delta R.T.: -0.004 min
Response: 59370754
Conc: 7.94 ug/ml m



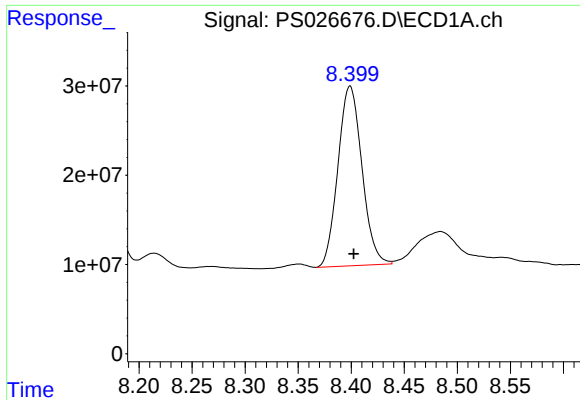
#8 DICHLORPROP

R.T.: 8.168 min
Delta R.T.: -0.004 min
Response: 268873287
Conc: 89.72 ng/ml



#8 DICHLORPROP

R.T.: 8.699 min
Delta R.T.: -0.002 min
Response: 164056805
Conc: 85.50 ng/ml



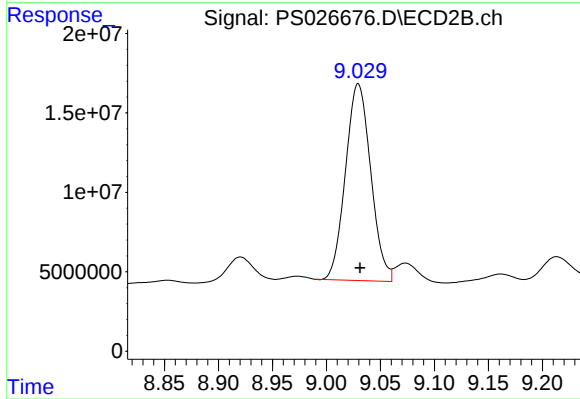
#9 2,4-D

R.T.: 8.399 min
Delta R.T.: -0.004 min
Response: 317011162
Conc: 96.30 ng/ml

Instrument :
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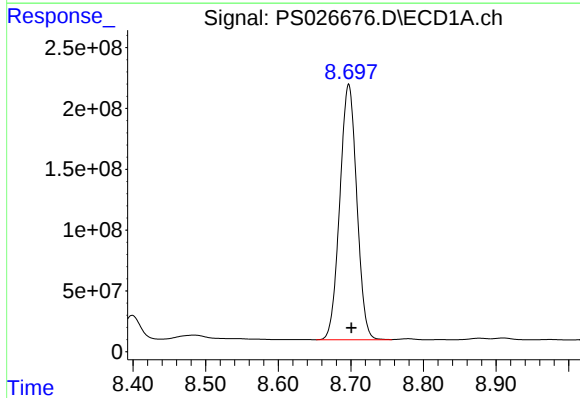
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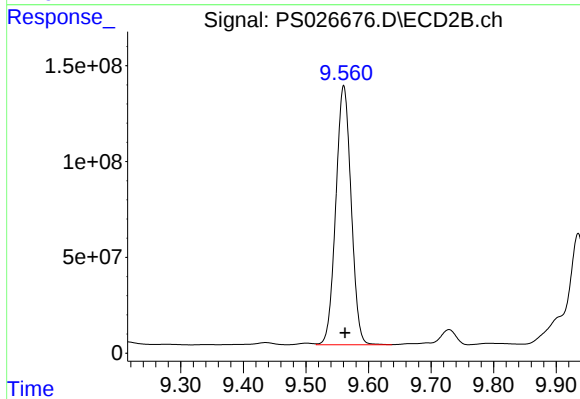
#9 2,4-D

R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 201554813
Conc: 97.82 ng/ml



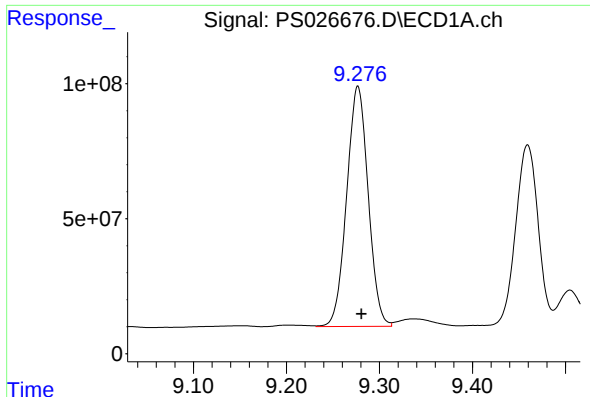
#10 Pentachlorophenol

R.T.: 8.697 min
Delta R.T.: -0.004 min
Response: 3415068009
Conc: 83.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.560 min
Delta R.T.: -0.002 min
Response: 2299177592
Conc: 84.13 ng/ml



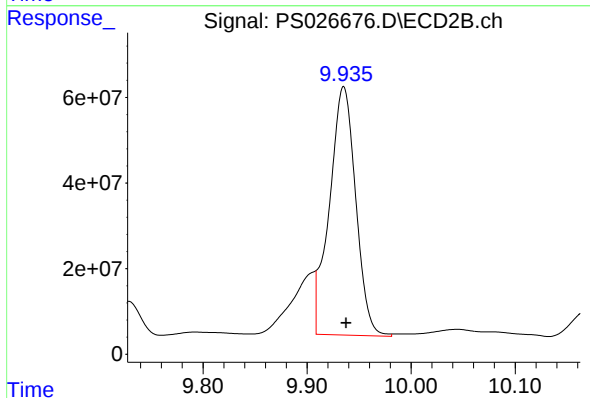
#11 2,4,5-TP (SILVEX)

R.T.: 9.277 min
Delta R.T.: -0.004 min
Response: 1429716263
Conc: 85.90 ng/ml

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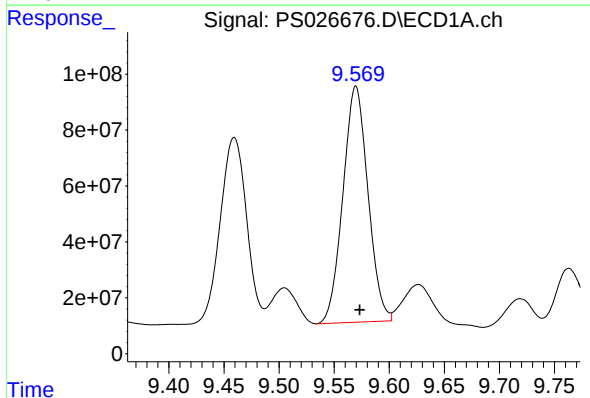
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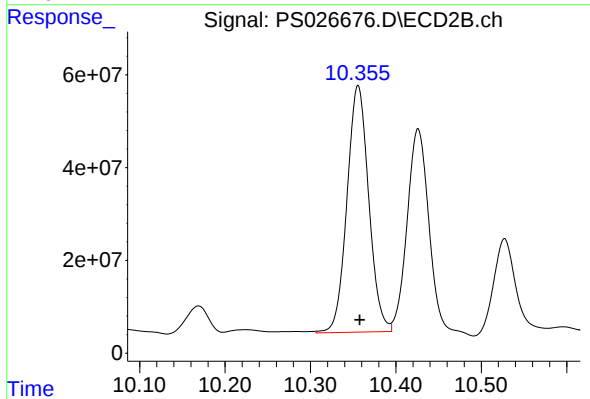
#11 2,4,5-TP (SILVEX)

R.T.: 9.935 min
Delta R.T.: -0.003 min
Response: 1015610072
Conc: 92.03 ng/ml m



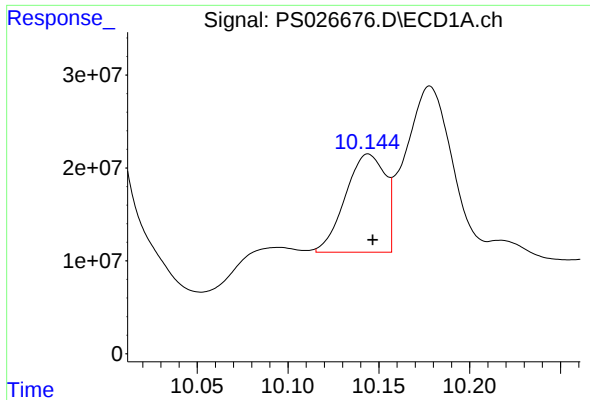
#12 2,4,5-T

R.T.: 9.570 min
Delta R.T.: -0.004 min
Response: 1333889123
Conc: 78.27 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: -0.002 min
Response: 940943652
Conc: 86.87 ng/ml m



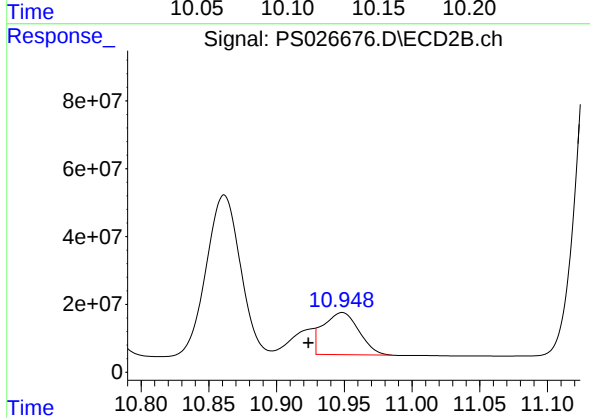
#13 2,4-DB

R.T.: 10.144 min
Delta R.T.: -0.003 min
Response: 164347642
Conc: 69.32 ng/ml

Instrument :
ECD_S
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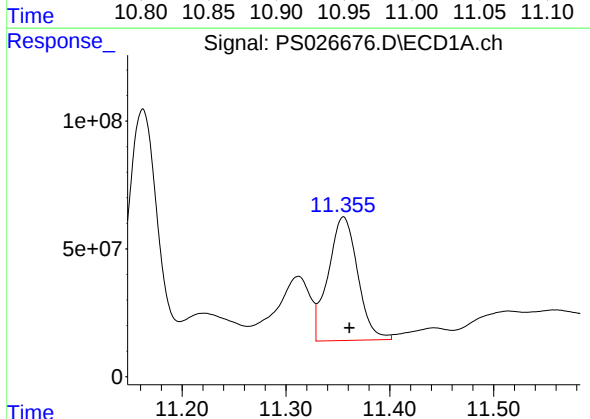
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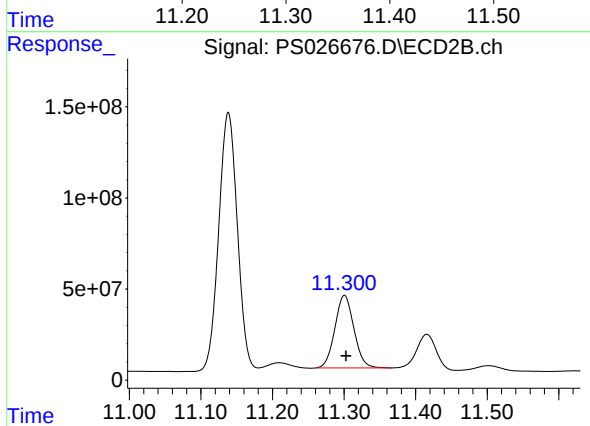
#13 2,4-DB

R.T.: 10.948 min
Delta R.T.: 0.025 min
Response: 225506823
Conc: 165.89 ng/ml m



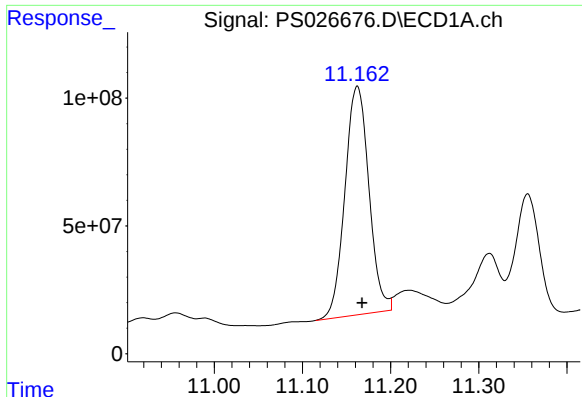
#14 DINOSEB

R.T.: 11.355 min
Delta R.T.: -0.006 min
Response: 951044590
Conc: 92.62 ng/ml m



#14 DINOSEB

R.T.: 11.301 min
Delta R.T.: -0.003 min
Response: 733352499
Conc: 106.76 ng/ml



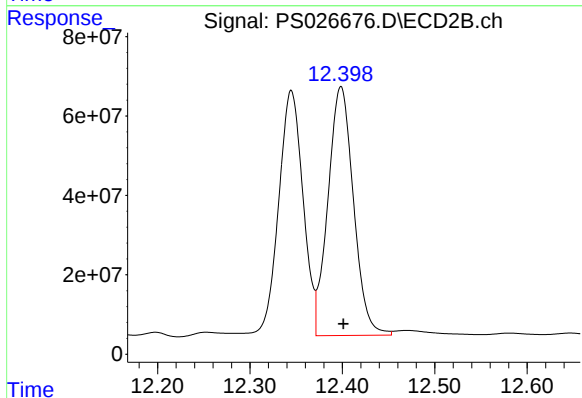
#15 Picloram

R.T.: 11.162 min
Delta R.T.: -0.006 min
Response: 1695807891
Conc: 75.92 ng/ml

Instrument :
ECD_S
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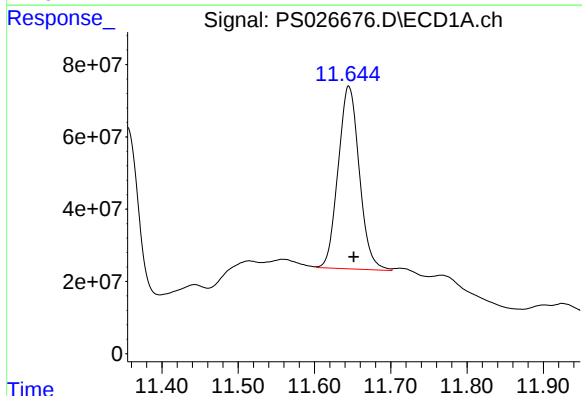
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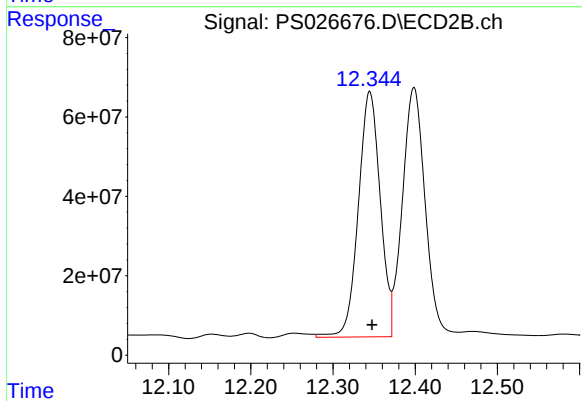
#15 Picloram

R.T.: 12.398 min
Delta R.T.: -0.003 min
Response: 1204314035
Conc: 75.15 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: -0.007 min
Response: 972407637
Conc: 51.65 ng/ml m



#16 DCPA

R.T.: 12.345 min
Delta R.T.: -0.003 min
Response: 1144282285
Conc: 86.55 ng/ml