

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091225\
 Data File : PS031720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 12:28
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : LOD SOIL 150PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 06:56:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.286	7.744	1862.8E6	474.0E6	517.231	521.500m
Target Compounds							
1) T	Dalapon	2.665	2.689	553.3E6	465.0E6	95.710m	165.042m#
2) T	3,5-DICHL...	6.455	6.702	906.5E6	224.0E6	169.975	146.871
3) T	4-Nitroph...	7.106	7.314	155.9E6	156.2E6	141.327	123.714m
5) T	DICAMBA	7.470	7.941	2490.0E6	935.5E6	159.650	143.769m
6) T	MCPD	7.643	8.032	116.5E6	22747169	13.036m	12.078m
7) T	MCPA	7.793	8.279	161.0E6	33331625	14.490	11.899
8) T	DICHLORPROP	8.179	8.662	662.3E6	235.6E6	185.958	161.901
9) T	2,4-D	8.423	9.012	485.9E6	301.7E6	141.839m	183.366m#
10) T	Pentachlo...	8.708	9.510	10005.1E6	6601.7E6	188.441	166.329
11) T	2,4,5-TP ...	9.287	9.895	3809.2E6	2509.7E6	181.618	166.711m
12) T	2,4,5-T	9.589	10.331	3123.9E6	2047.2E6	170.720	152.129
13) T	2,4-DB	10.167	10.900	312.5E6	130.0E6	133.951m	121.529m
14) T	DINOSEB	11.354	11.268	2110.2E6	1433.4E6	146.314m	147.455
15) T	Picloram	11.204f	12.404	1958.6E6	2746.5E6	108.744m	115.968m
16) T	DCPA	11.649	12.307	2710.0E6	3763.6E6	100.558	156.139m#

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

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Operator : AR\AJ
Sample : Q2893-01
Misc : LOD SOIL 150PPB
ALS Vial : 6 Sample Multiplier: 1

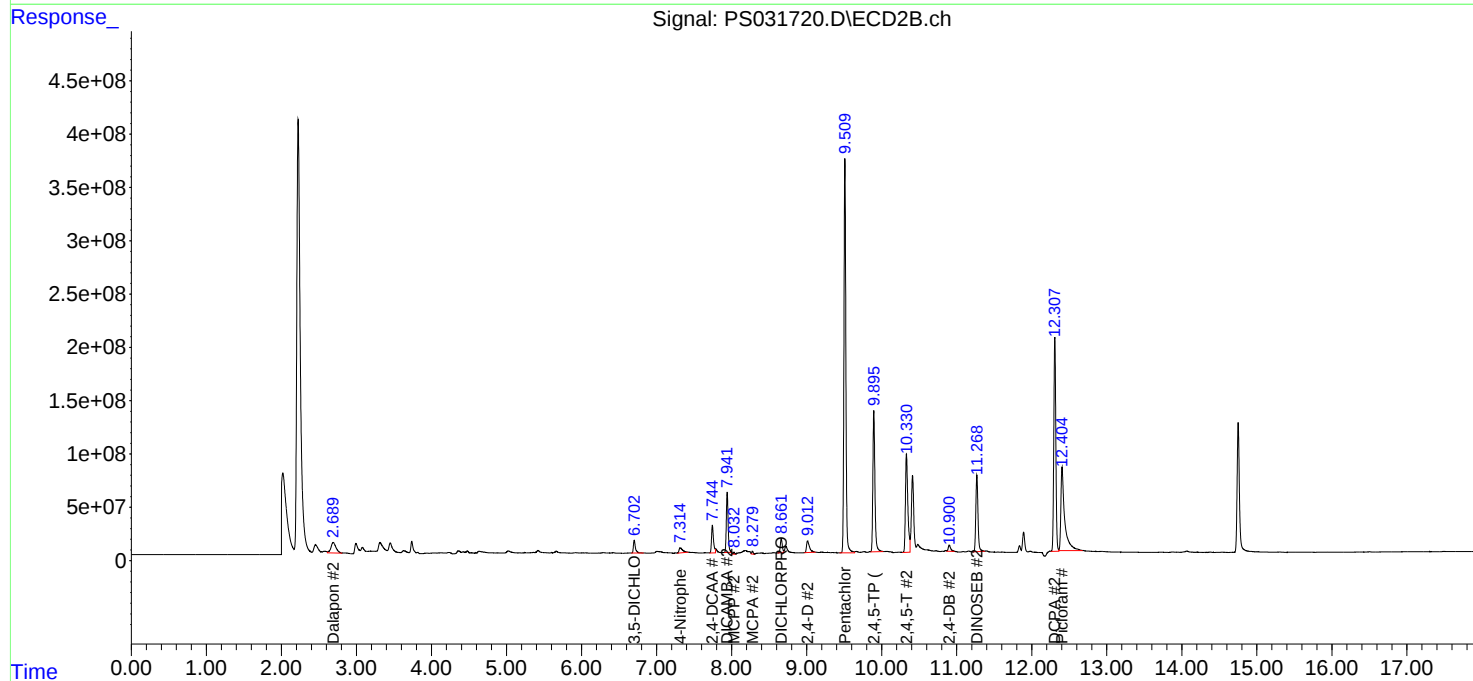
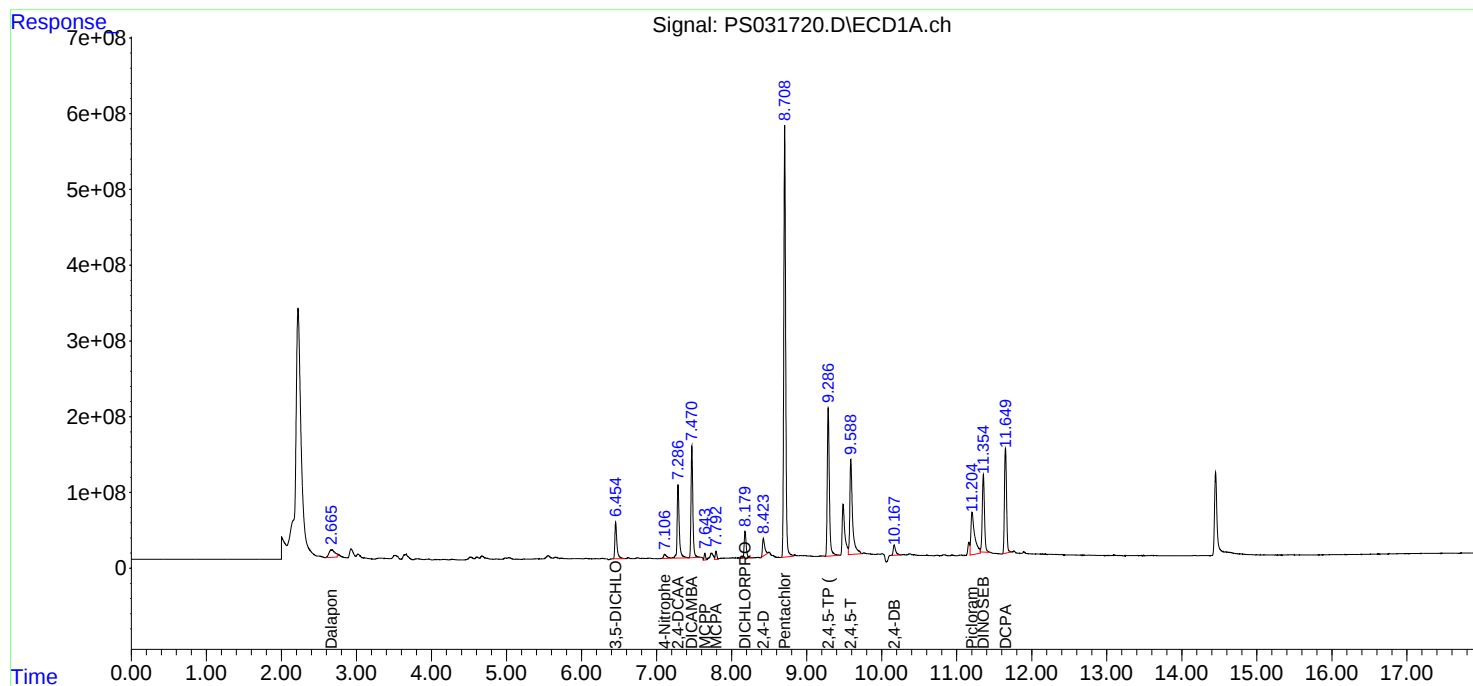
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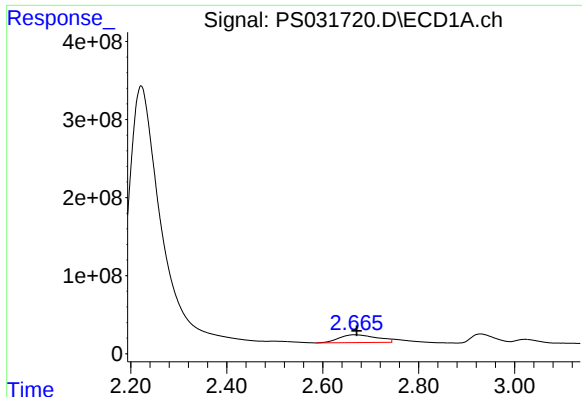
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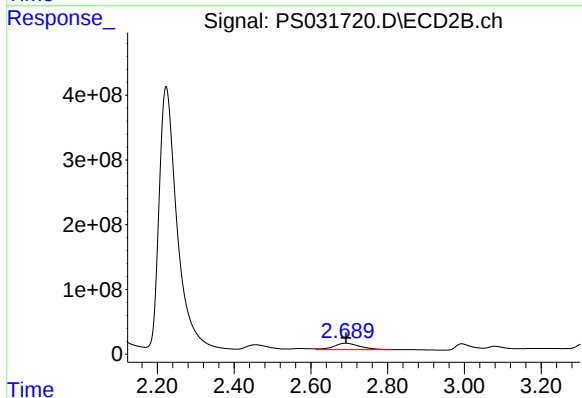
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.006 min
Response: 553275208
Conc: 95.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

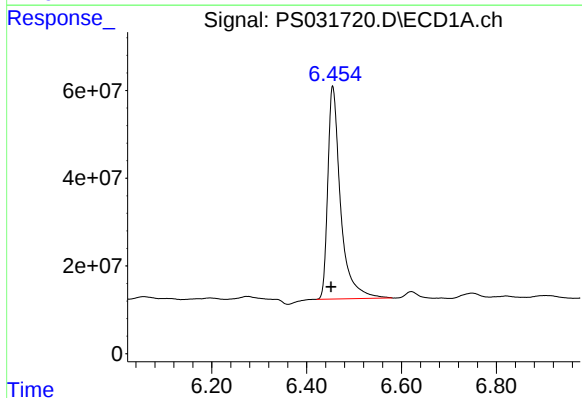
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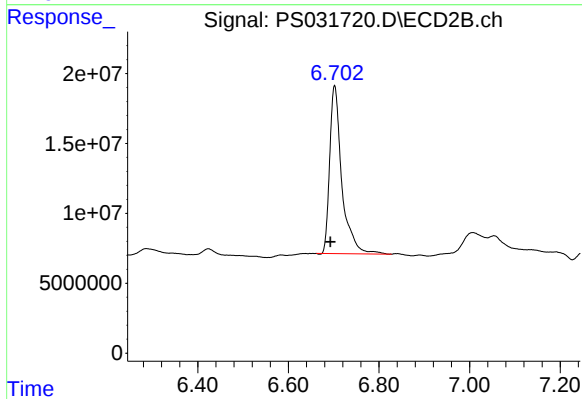
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: -0.003 min
Response: 465026698
Conc: 165.04 ng/ml m



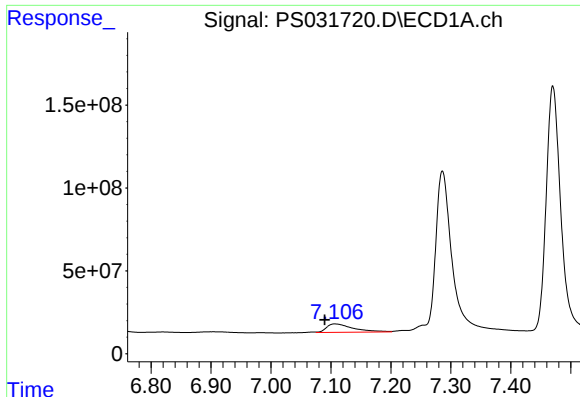
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: 0.003 min
Response: 906539734
Conc: 169.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.702 min
Delta R.T.: 0.009 min
Response: 223972517
Conc: 146.87 ng/ml



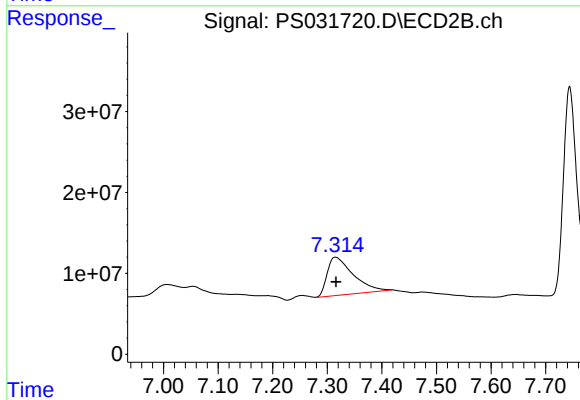
#3 4-Nitrophenol

R.T.: 7.106 min
Delta R.T.: 0.017 min
Response: 155912690
Conc: 141.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

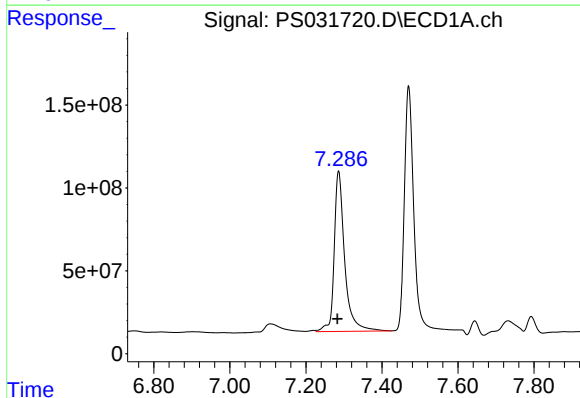
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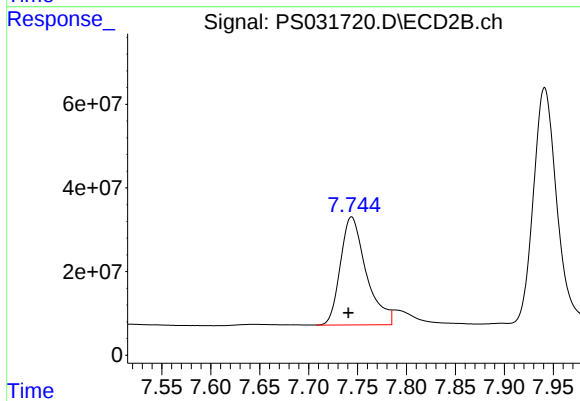
#3 4-Nitrophenol

R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 156224476
Conc: 123.71 ng/ml m



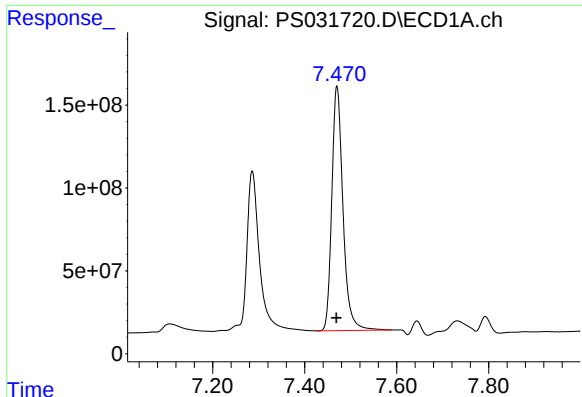
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: 0.003 min
Response: 1862821930
Conc: 517.23 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 473991462
Conc: 521.50 ng/ml m



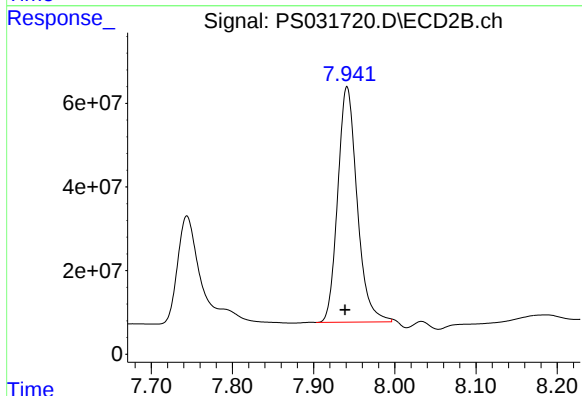
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: 0.001 min
Response: 2490018039
Conc: 159.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

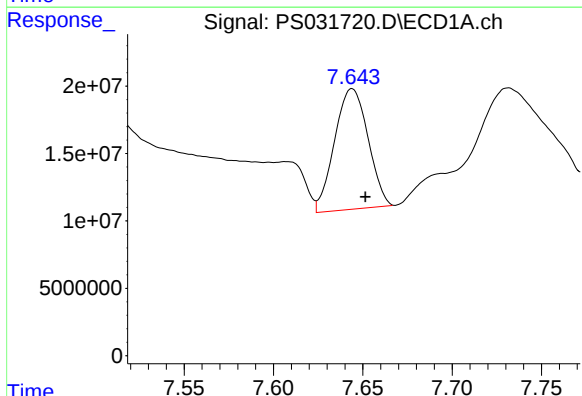
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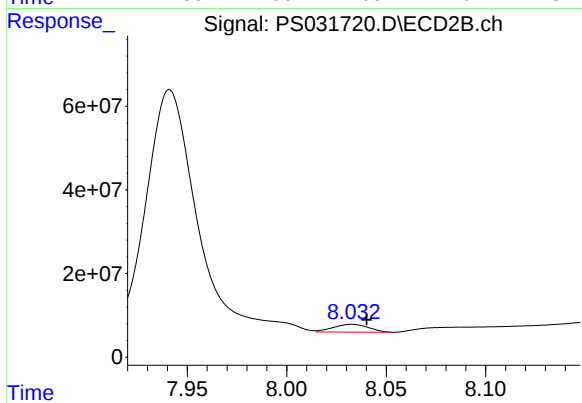
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: 0.002 min
Response: 935484456
Conc: 143.77 ng/ml m



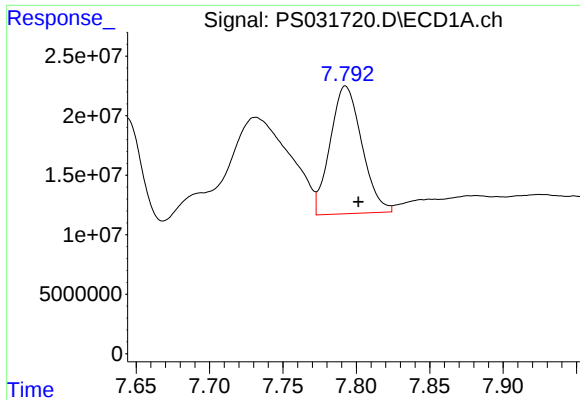
#6 MCP

R.T.: 7.643 min
Delta R.T.: -0.008 min
Response: 116534035
Conc: 13.04 ug/ml m



#6 MCP

R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 22747169
Conc: 12.08 ug/ml m



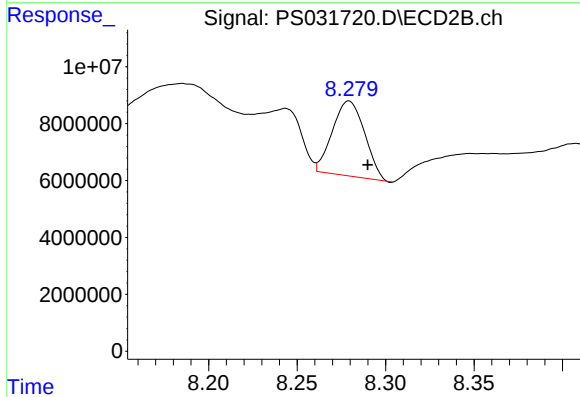
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.009 min
Response: 160990856
Conc: 14.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

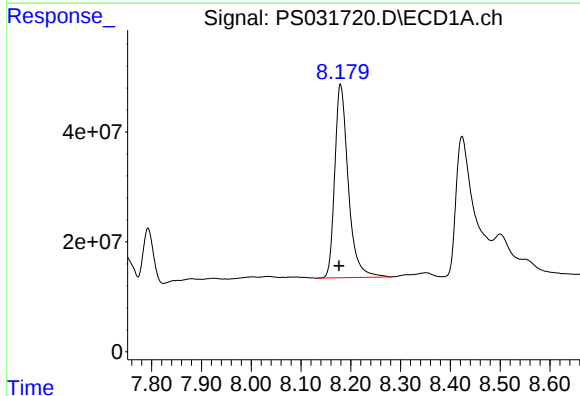
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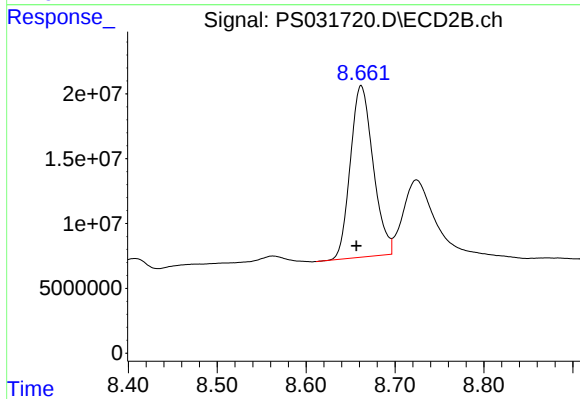
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 33331625
Conc: 11.90 ug/ml



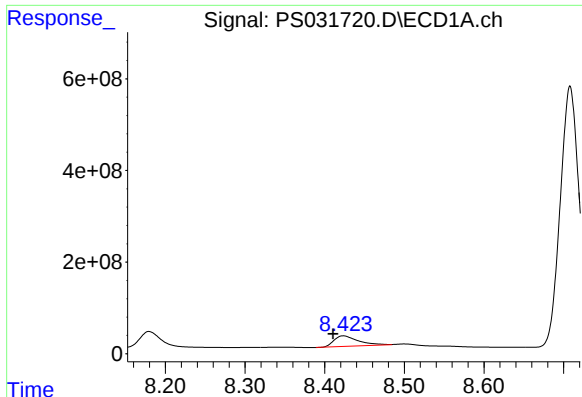
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 662337491
Conc: 185.96 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: 0.005 min
Response: 235575306
Conc: 161.90 ng/ml



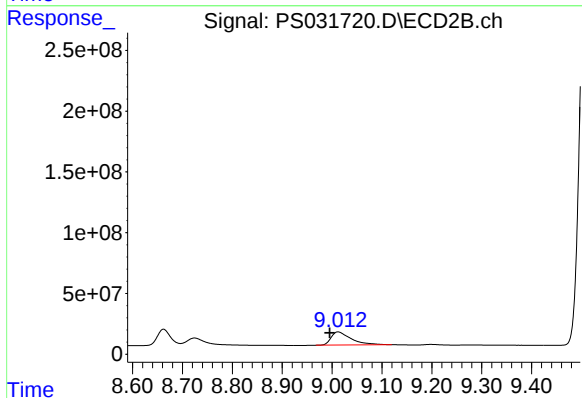
#9 2,4-D

R.T.: 8.423 min
Delta R.T.: 0.013 min
Response: 485889180
Conc: 141.84 ng/ml

Instrument :
ECD_S
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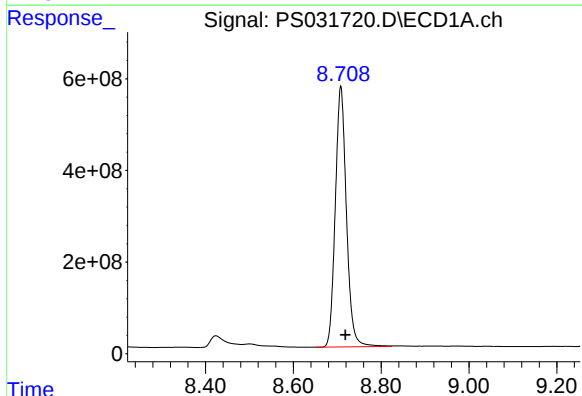
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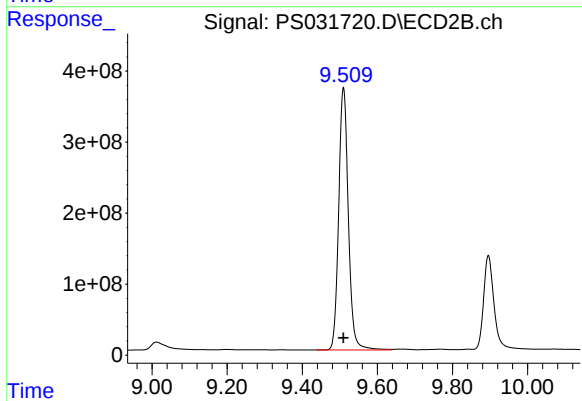
#9 2,4-D

R.T.: 9.012 min
Delta R.T.: 0.016 min
Response: 301656782
Conc: 183.37 ng/ml m



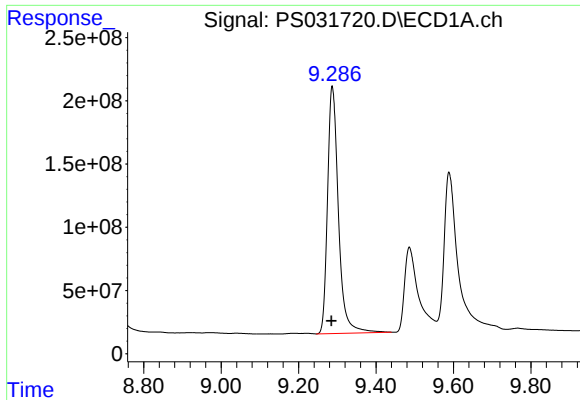
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 10005073759
Conc: 188.44 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 6601693528
Conc: 166.33 ng/ml



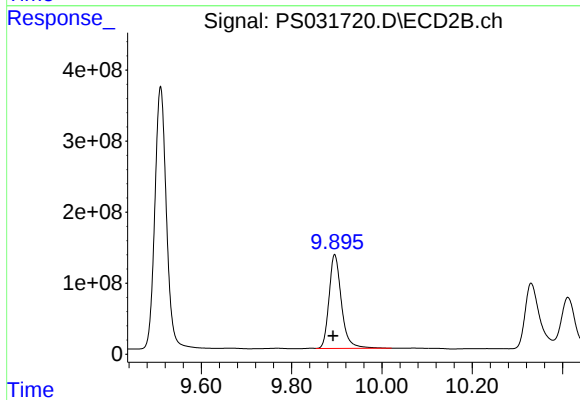
#11 2,4,5-TP (SILVEX)

R.T.: 9.287 min
Delta R.T.: 0.002 min
Response: 3809193114
Conc: 181.62 ng/ml

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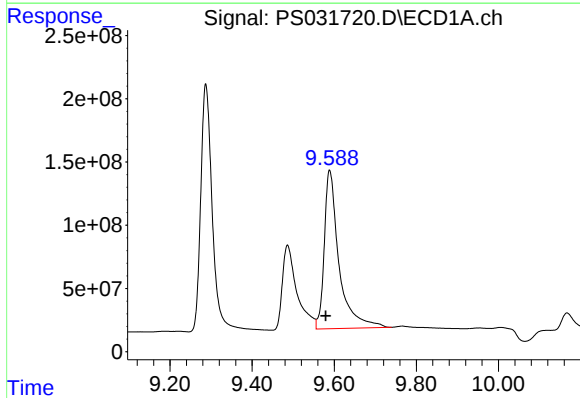
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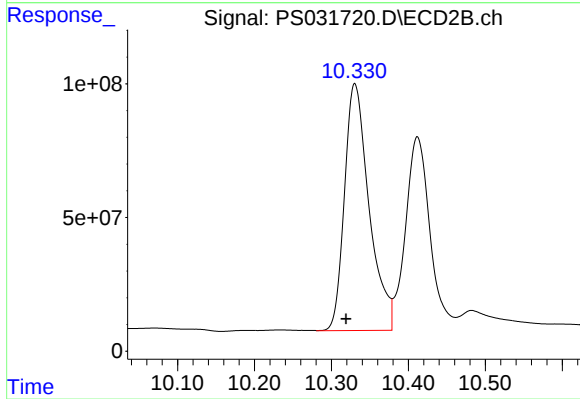
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 2509721110
Conc: 166.71 ng/ml m



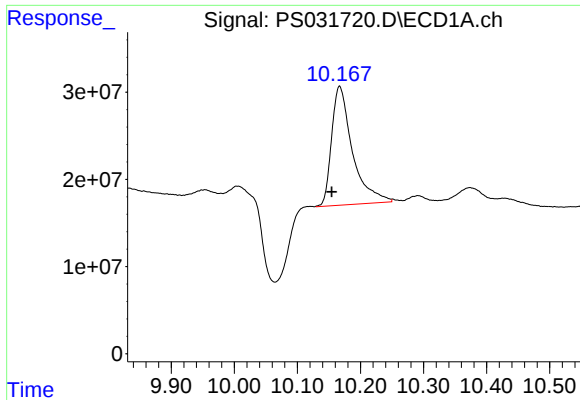
#12 2,4,5-T

R.T.: 9.589 min
Delta R.T.: 0.009 min
Response: 3123870629
Conc: 170.72 ng/ml



#12 2,4,5-T

R.T.: 10.331 min
Delta R.T.: 0.011 min
Response: 2047206539
Conc: 152.13 ng/ml



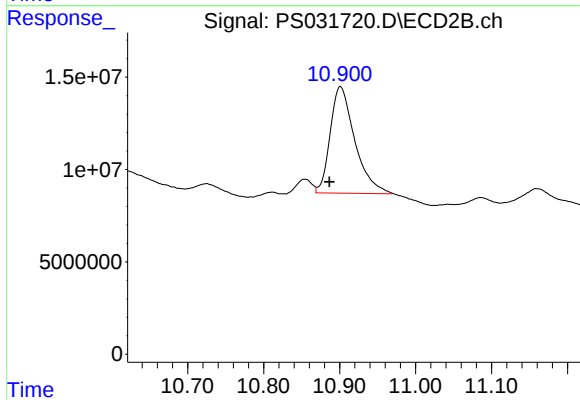
#13 2,4-DB

R.T.: 10.167 min
Delta R.T.: 0.012 min
Response: 312475218
Conc: 133.95 ng/ml

Instrument :
ECD_S
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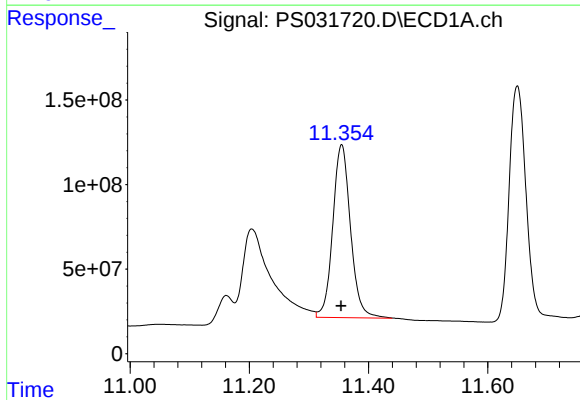
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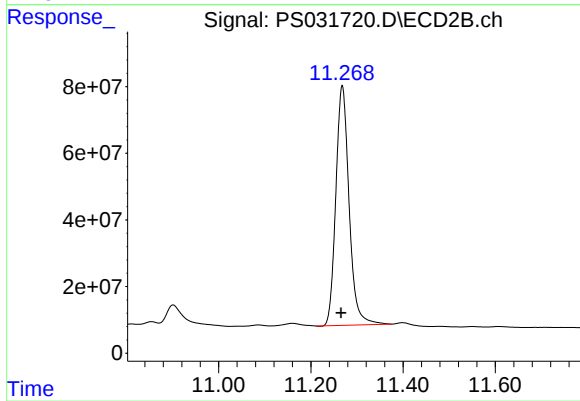
#13 2,4-DB

R.T.: 10.900 min
Delta R.T.: 0.014 min
Response: 130041148
Conc: 121.53 ng/ml m



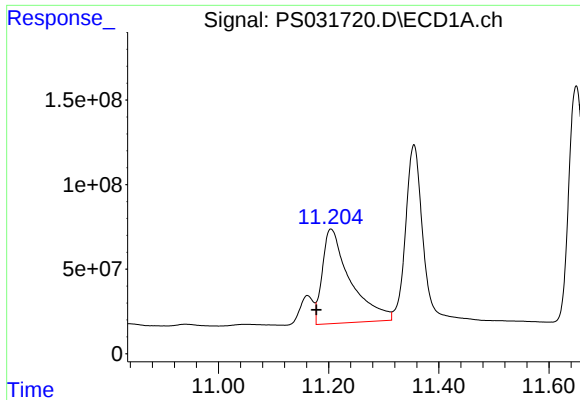
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 2110234719
Conc: 146.31 ng/ml m



#14 DINOSEB

R.T.: 11.268 min
Delta R.T.: 0.003 min
Response: 1433366180
Conc: 147.46 ng/ml



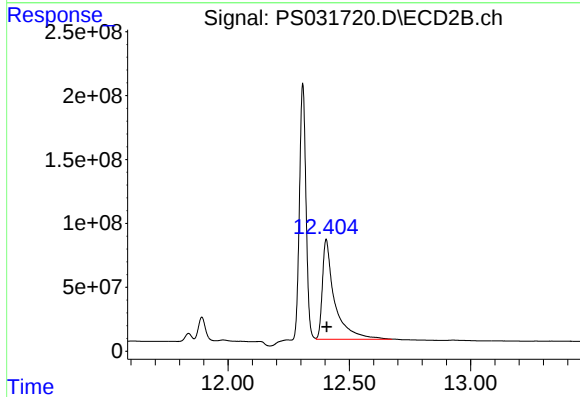
#15 Picloram

R.T.: 11.204 min
Delta R.T.: 0.026 min
Response: 1958593739
Conc: 108.74 ng/ml

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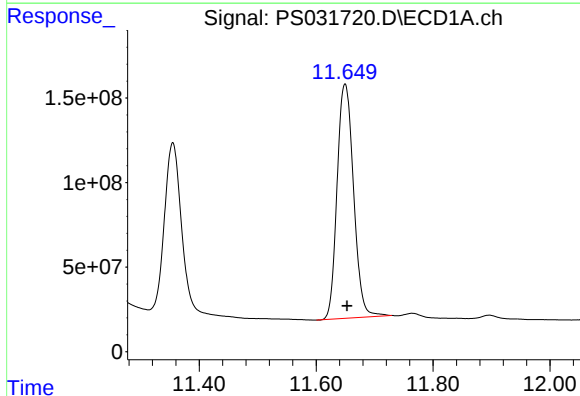
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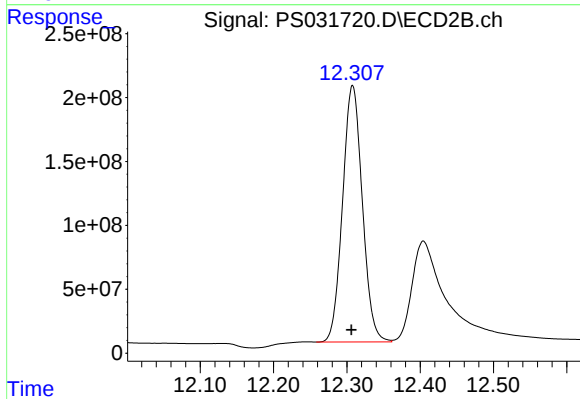
#15 Picloram

R.T.: 12.404 min
Delta R.T.: -0.003 min
Response: 2746493260
Conc: 115.97 ng/ml m



#16 DCPA

R.T.: 11.649 min
Delta R.T.: -0.003 min
Response: 2710015646
Conc: 100.56 ng/ml



#16 DCPA

R.T.: 12.307 min
Delta R.T.: 0.001 min
Response: 3763590494
Conc: 156.14 ng/ml m