

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042224\
 Data File : PS026516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2024 22:13
 Operator : AR\AJ
 Sample : P2178-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-6MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2024
 Supervised By :Ankita Jodhani 04/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 04:32:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS041924.M
 Quant Title : 8080.M
 QLast Update : Fri Apr 19 12:45:38 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	7.311	7.800	484.1E6	337.2E6	196.774m	190.187m
Target Compounds							
1) T	Dalapon	2.668	2.715	1122.1E6	852.6E6	295.774m	301.066m
2) T	3,5-DICHL...	6.472	6.742	529.9E6	392.9E6	157.105	161.948m
3) T	4-Nitroph...	7.114	7.324	386.8E6	278.7E6	238.406	231.813m
5) T	DICAMBA	7.502	8.002	1968.6E6	1496.9E6	195.440	188.961
6) T	MCPD	7.681	8.100	91316315	67994781	12.435	12.225
7) T	MCPA	7.831	8.345	185.3E6	124.3E6	17.242	15.323m
8) T	DICHLORPROP	8.213	8.720	387.5E6	281.6E6	131.979m	134.137
9) T	2,4-D	8.445	9.053	767.4E6	515.0E6	235.921	224.105
10) T	Pentachlo...	8.745	9.584	6030.1E6	3859.7E6	146.814	128.645
11) T	2,4,5-TP ...	9.330	9.951	2256.5E6	1353.1E6	134.206	111.901m
12) T	2,4,5-T	9.626	10.381	2469.9E6	1637.3E6	140.796	134.091
14) T	DINOSEB	11.418	11.327	159.4E6	242.8E6	14.216m	29.564m#
15) T	Picloram	11.225	12.425	5336.5E6	4539.8E6	229.938	247.650
16) T	DCPA	11.710	12.371	5353.3E6	4447.6E6	274.933	299.014

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

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Acq On : 22 Apr 2024 22:13
Operator : AR\AJ
Sample : P2178-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

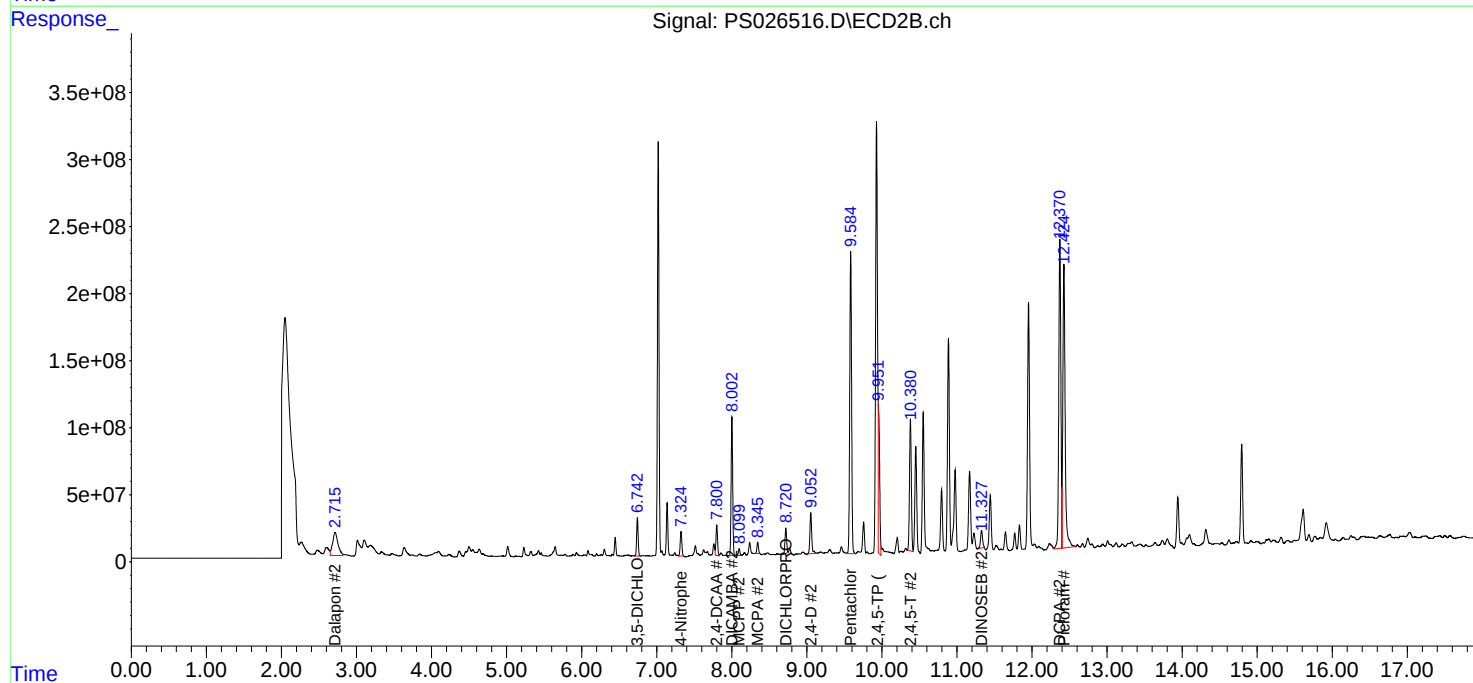
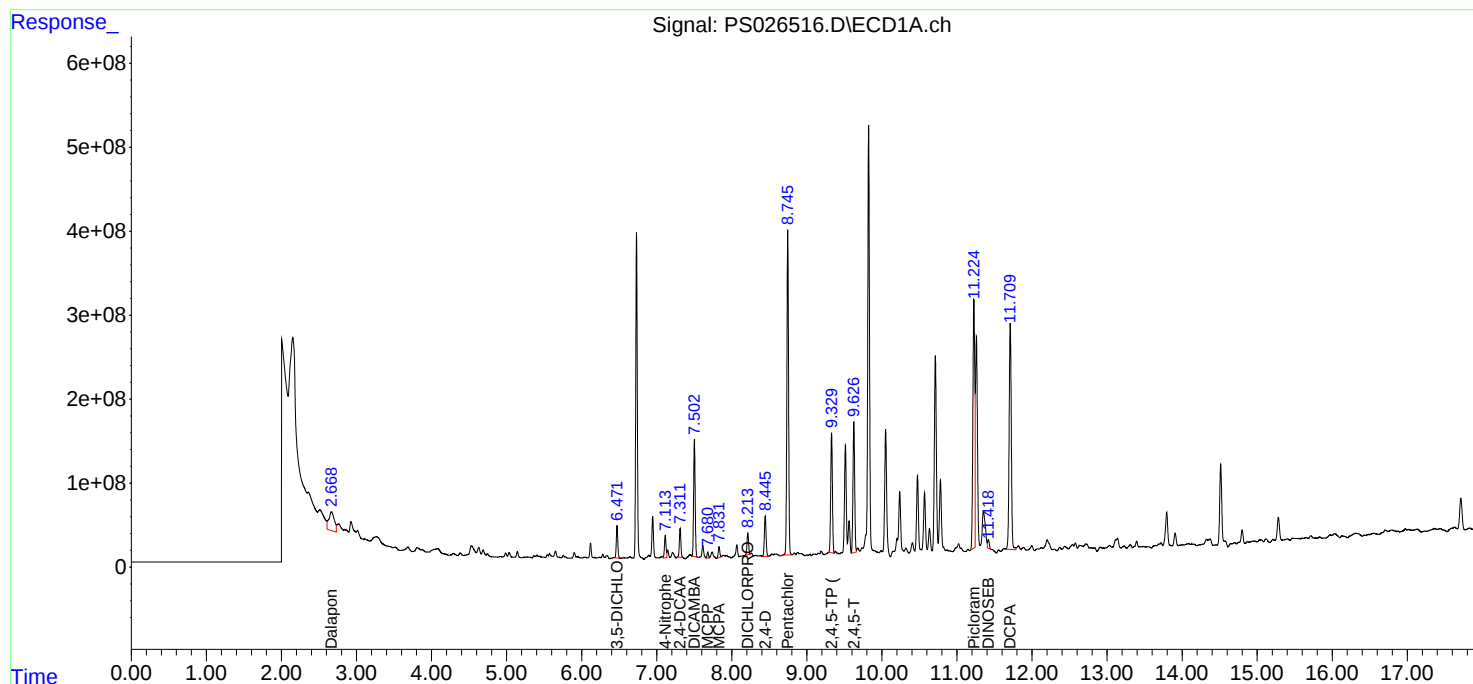
Instrument :
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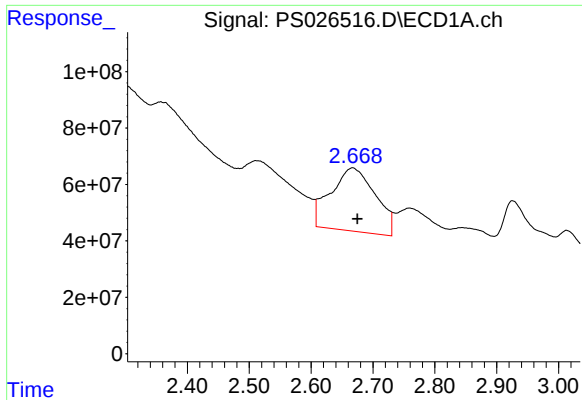
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Integration File signal 1: autoint1.e
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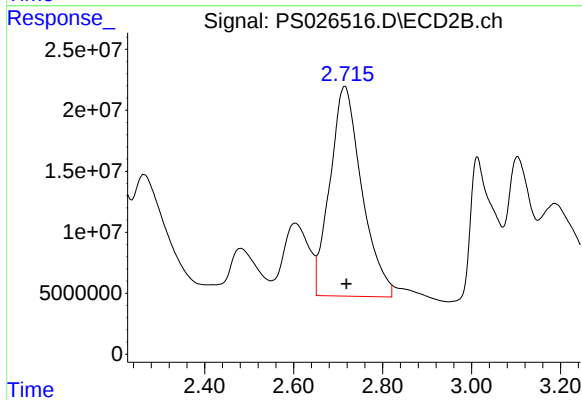
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.007 min
Response: 1122138854
Conc: 295.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-LKWD-DENALI-6MSD

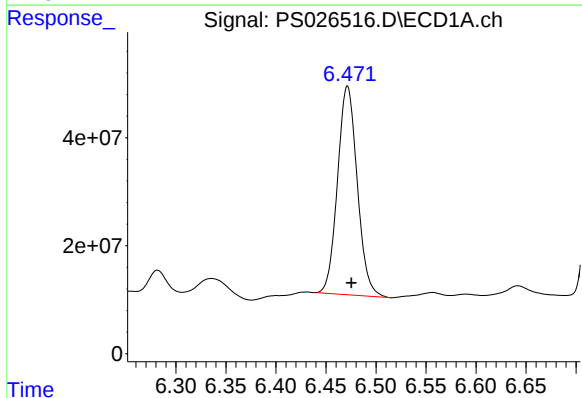
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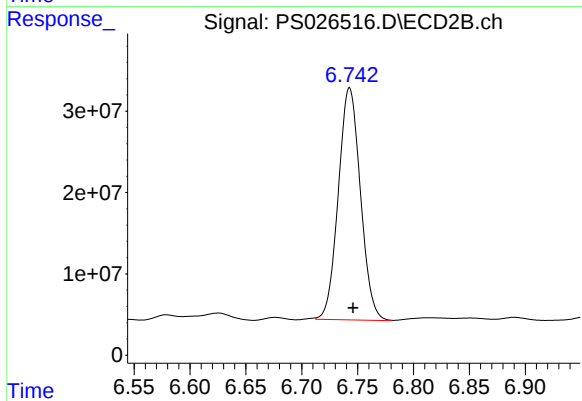
#1 Dalapon

R.T.: 2.715 min
Delta R.T.: -0.004 min
Response: 852570691
Conc: 301.07 ng/ml m



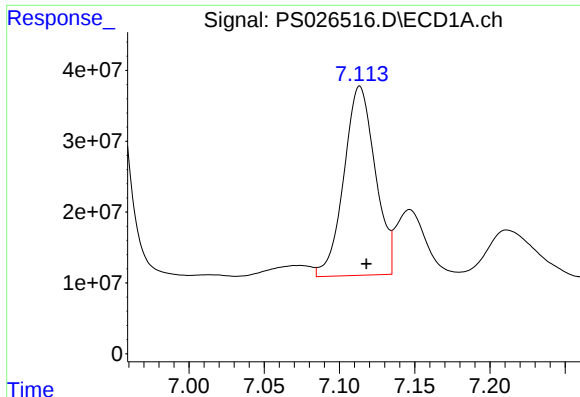
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.472 min
Delta R.T.: -0.004 min
Response: 529888223
Conc: 157.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 392949650
Conc: 161.95 ng/ml m



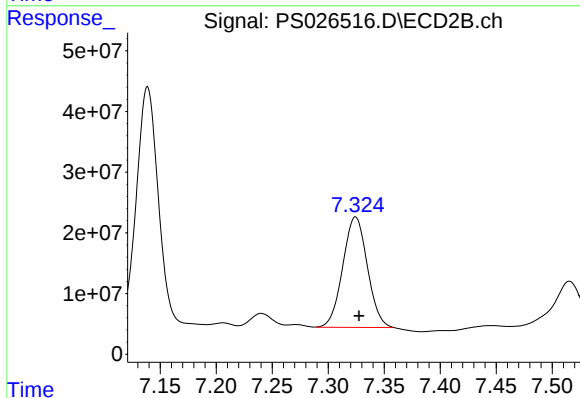
#3 4-Nitrophenol

R.T.: 7.114 min
Delta R.T.: -0.004 min
Response: 386762229
Conc: 238.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
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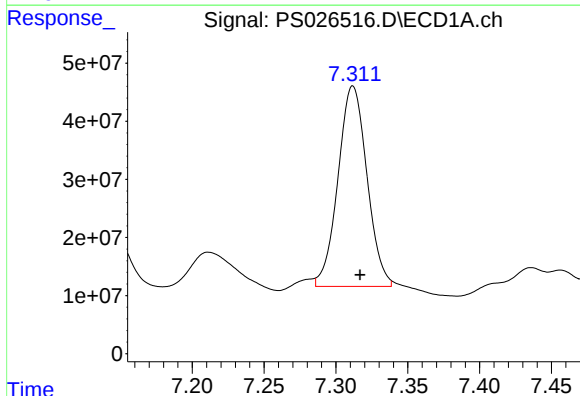
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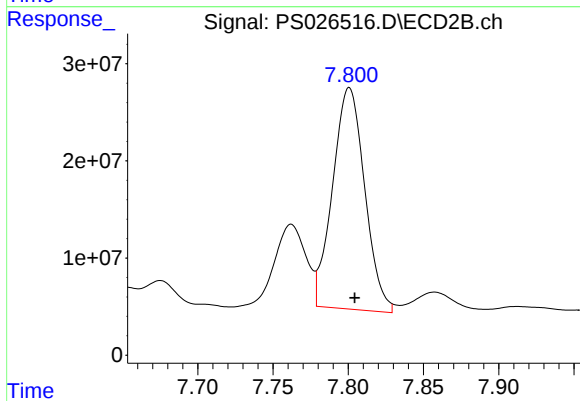
#3 4-Nitrophenol

R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 278665714
Conc: 231.81 ng/ml m



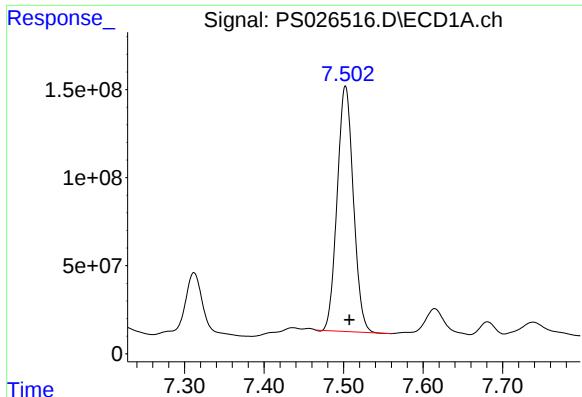
#4 2,4-DCAA

R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 484141971
Conc: 196.77 ng/ml m



#4 2,4-DCAA

R.T.: 7.800 min
Delta R.T.: -0.004 min
Response: 337195223
Conc: 190.19 ng/ml m



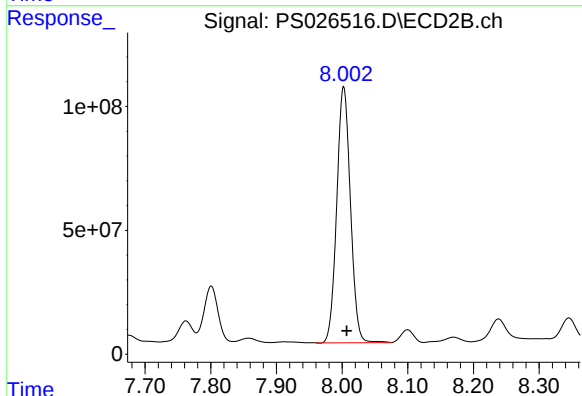
#5 DICAMBA

R.T.: 7.502 min
Delta R.T.: -0.005 min
Response: 1968566530
Conc: 195.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-LKWD-DENALI-6MSD

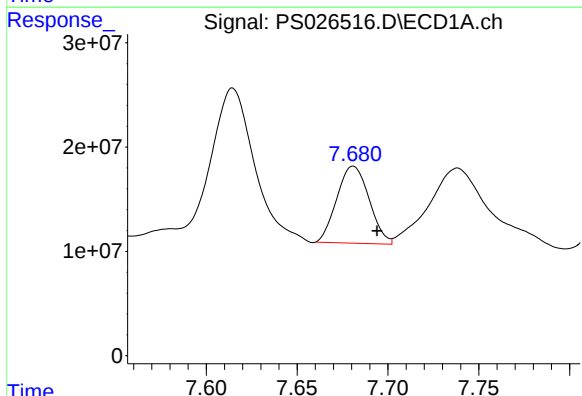
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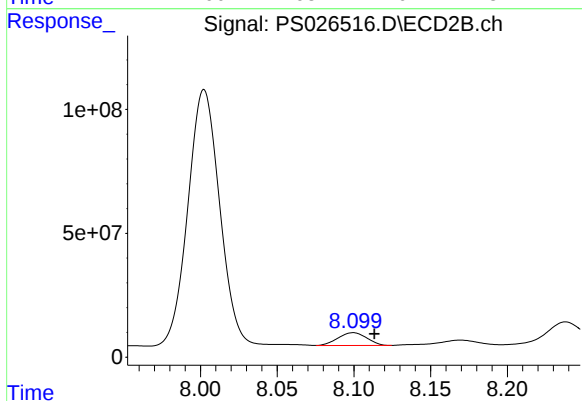
#5 DICAMBA

R.T.: 8.002 min
Delta R.T.: -0.005 min
Response: 1496863665
Conc: 188.96 ng/ml



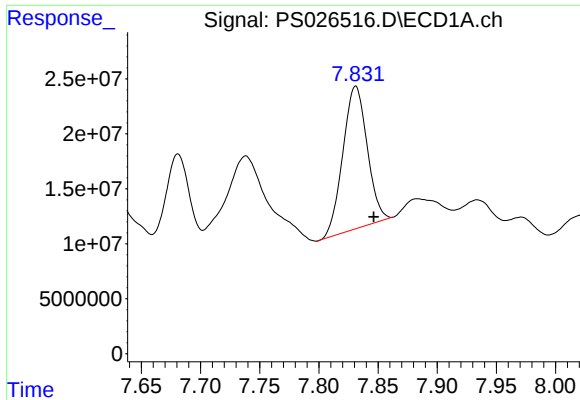
#6 MCP

R.T.: 7.681 min
Delta R.T.: -0.013 min
Response: 91316315
Conc: 12.44 ug/ml



#6 MCP

R.T.: 8.100 min
Delta R.T.: -0.014 min
Response: 67994781
Conc: 12.23 ug/ml



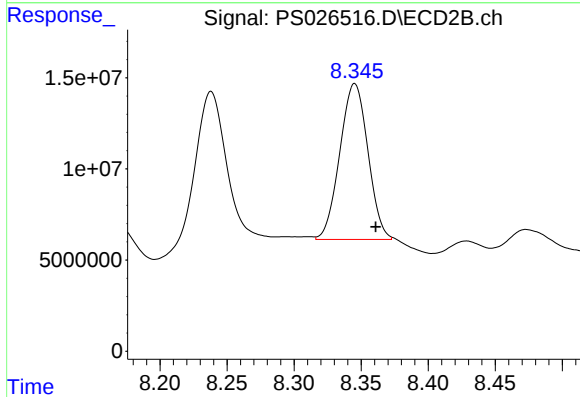
#7 MCPA

R.T.: 7.831 min
Delta R.T.: -0.015 min
Response: 185269596
Conc: 17.24 ug/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-LKWD-DENALI-6MSD

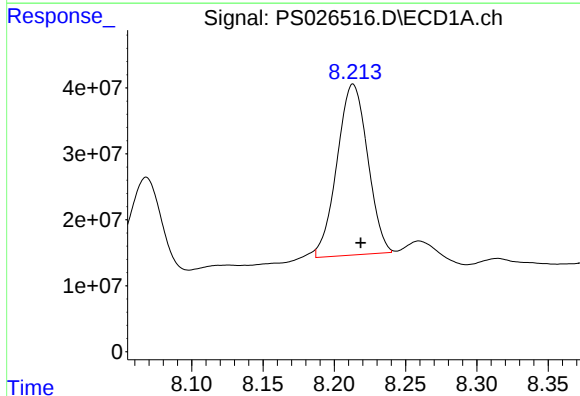
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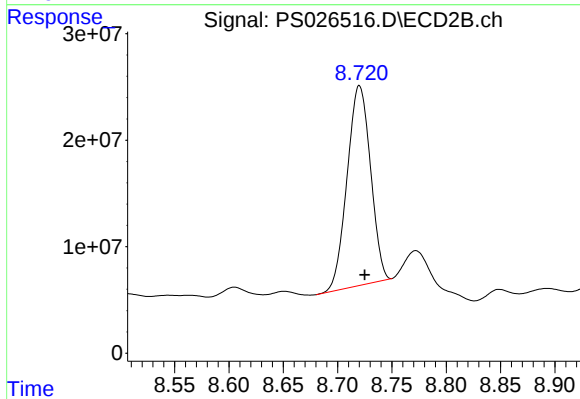
#7 MCPA

R.T.: 8.345 min
Delta R.T.: -0.016 min
Response: 124319865
Conc: 15.32 ug/ml m



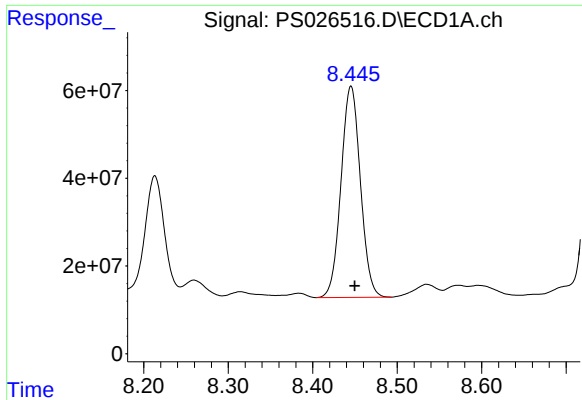
#8 DICHLORPROP

R.T.: 8.213 min
Delta R.T.: -0.006 min
Response: 387484912
Conc: 131.98 ng/ml m



#8 DICHLORPROP

R.T.: 8.720 min
Delta R.T.: -0.005 min
Response: 281563639
Conc: 134.14 ng/ml



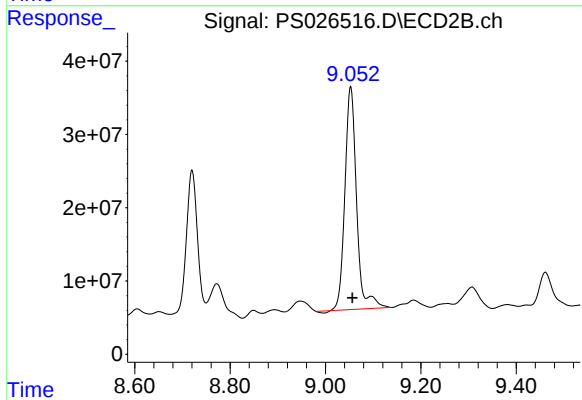
#9 2,4-D

R.T.: 8.445 min
Delta R.T.: -0.005 min
Response: 767427359
Conc: 235.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
TOPSOIL-LKWD-DENALI-6MSD

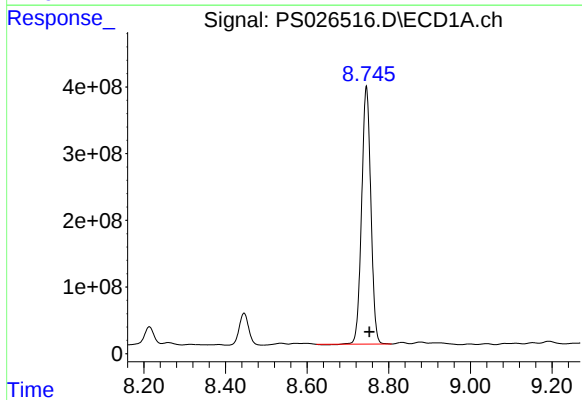
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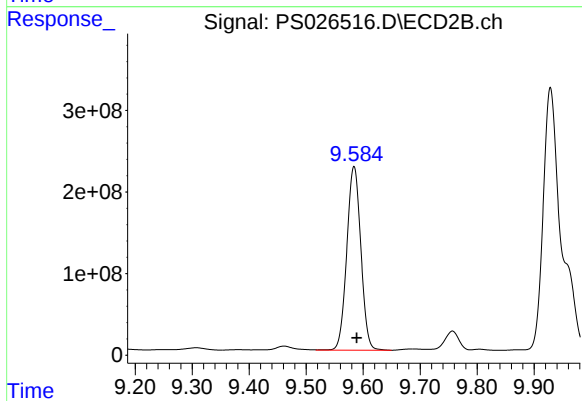
#9 2,4-D

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 514961561
Conc: 224.10 ng/ml



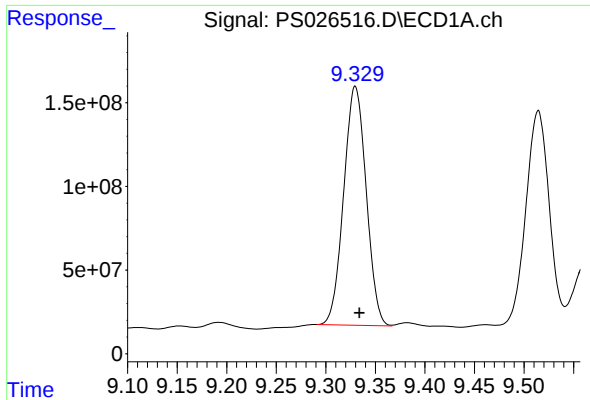
#10 Pentachlorophenol

R.T.: 8.745 min
Delta R.T.: -0.008 min
Response: 6030146906
Conc: 146.81 ng/ml



#10 Pentachlorophenol

R.T.: 9.584 min
Delta R.T.: -0.005 min
Response: 3859697900
Conc: 128.65 ng/ml



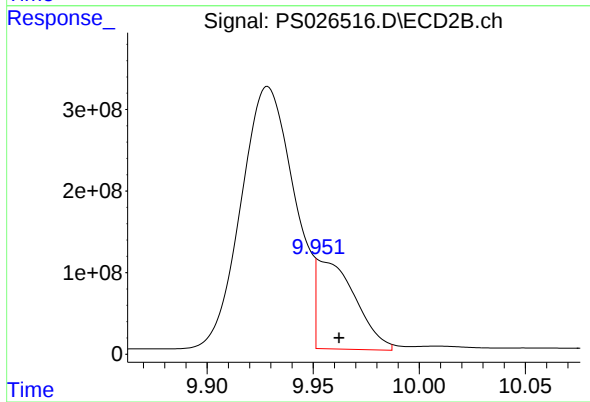
#11 2,4,5-TP (SILVEX)

R.T.: 9.330 min
Delta R.T.: -0.004 min
Response: 2256493915
Conc: 134.21 ng/ml

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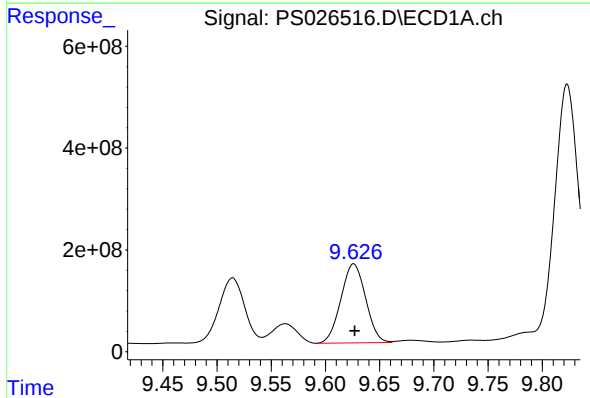
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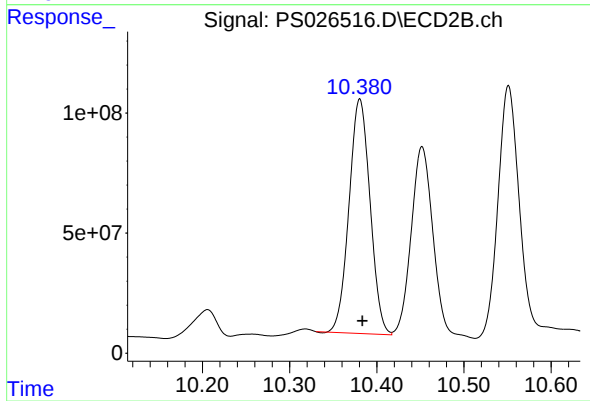
#11 2,4,5-TP (SILVEX)

R.T.: 9.951 min
Delta R.T.: -0.011 min
Response: 1353052536
Conc: 111.90 ng/ml m



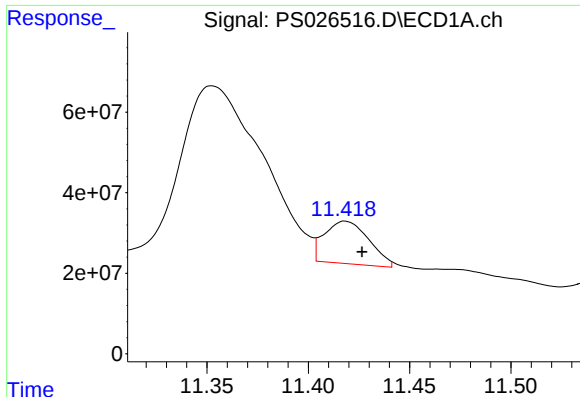
#12 2,4,5-T

R.T.: 9.626 min
Delta R.T.: 0.000 min
Response: 2469898930
Conc: 140.80 ng/ml



#12 2,4,5-T

R.T.: 10.381 min
Delta R.T.: -0.003 min
Response: 1637267164
Conc: 134.09 ng/ml



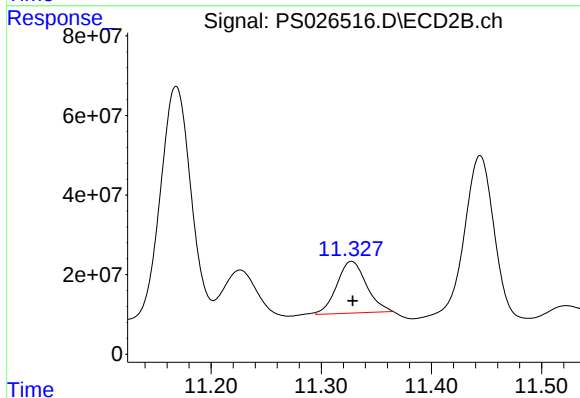
#14 DINoseb

R.T.: 11.418 min
Delta R.T.: -0.009 min
Response: 159354546
Conc: 14.22 ng/ml

Instrument :
ECD_S
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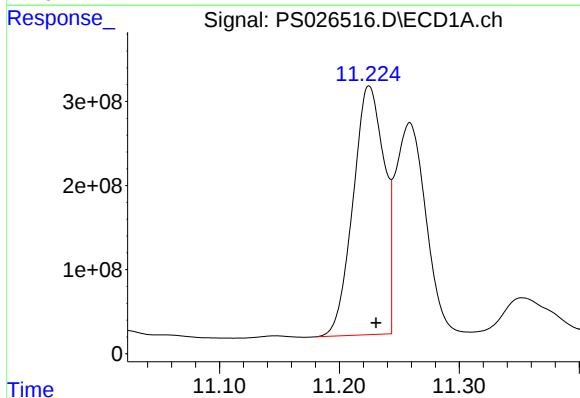
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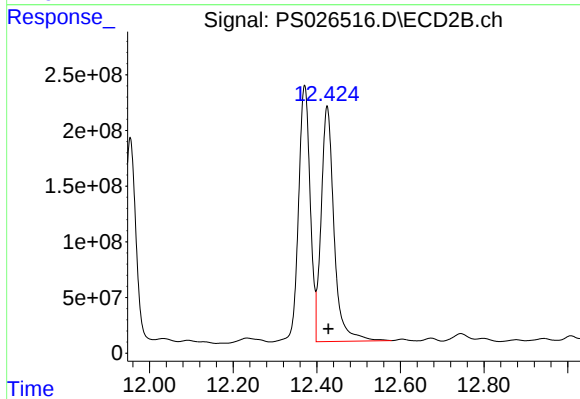
#14 DINoseb

R.T.: 11.327 min
Delta R.T.: -0.001 min
Response: 242812753
Conc: 29.56 ng/ml m



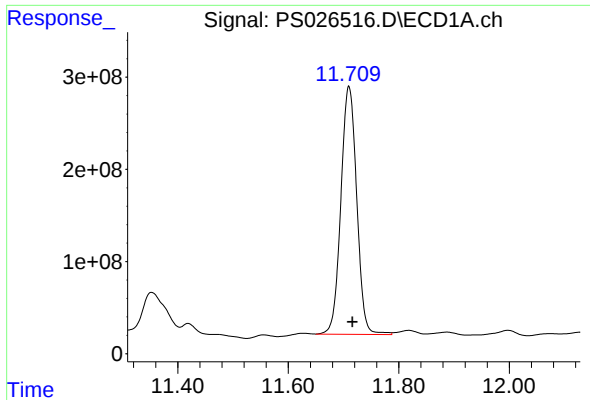
#15 Picloram

R.T.: 11.225 min
Delta R.T.: -0.006 min
Response: 5336543556
Conc: 229.94 ng/ml



#15 Picloram

R.T.: 12.425 min
Delta R.T.: -0.003 min
Response: 4539828766
Conc: 247.65 ng/ml



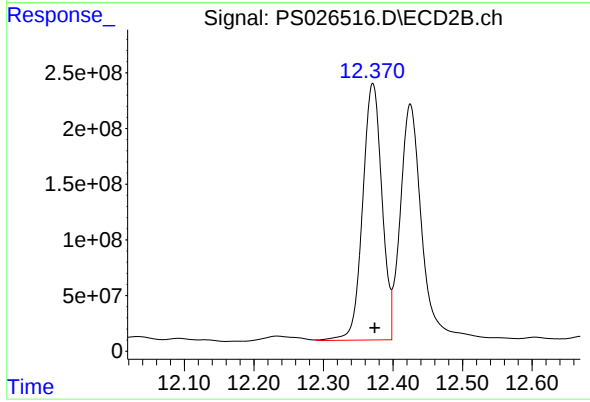
#16 DCPA

R.T.: 11.710 min
Delta R.T.: -0.007 min
Response: 5353310156
Conc: 274.93 ng/ml

Instrument :
ECD_S
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#16 DCPA

R.T.: 12.371 min
Delta R.T.: -0.003 min
Response: 4447604507
Conc: 299.01 ng/ml