

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110725\
 Data File : PS032316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2025 06:23
 Operator : AR\AJ
 Sample : Q3530-03
 Misc : MDL-SOIL-03-QT4-2025
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 07:50:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.283	7.614	1863.2E6	844.6E6	411.176	231.679m#
Target Compounds							
1) T	Dalapon	2.632	2.678f	503.7E6	34075.8E6	70.168m	4900.176m#
2) T	3,5-DICHL...	6.455	6.593	285.2E6	329.2E6	44.107	54.780m
3) T	4-Nitroph...	7.134f	7.191	64266818	92097824	47.873m	40.573m
5) T	DICAMBA	7.468	7.809	861.1E6	587.1E6	45.644	33.989m#
6) T	MCP	7.637	7.952f	13029710	1365.9E6	1.196m	102.694 #
7) T	MCPA	7.788	8.223f	13524608	1162.7E6	1.007m	71.315m#
8) T	DICHLORPROP	8.179	8.519	241.7E6	233.1E6	54.320m	48.882m
9) T	2,4-D	8.435	8.879	218.0E6	70412357	48.314	13.423m#
10) T	Pentachlo...	8.704	9.359	3642.5E6	3659.3E6	58.057	62.336m
11) T	2,4,5-TP ...	9.283	9.744	1371.5E6	2094.5E6	52.726	77.995m#
12) T	2,4,5-T	9.589	10.189	984.4E6	1360.0E6	41.296m	57.342m#
13) T	2,4-DB	10.180	10.762	142.2E6	80949935	53.961m	21.464m#
14) T	DINOSEB	11.346	11.109	817.9E6	929.2E6	39.306m	52.535m#
15) T	Picloram	11.222f	12.255f	932.4E6	1733.8E6	43.928m	46.629m
16) T	DCPA	11.643	12.141	1418.6E6	1868.7E6	42.281	58.654m#

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

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Misc : MDL-SOIL-03-QT4-2025
ALS Vial : 36 Sample Multiplier: 1

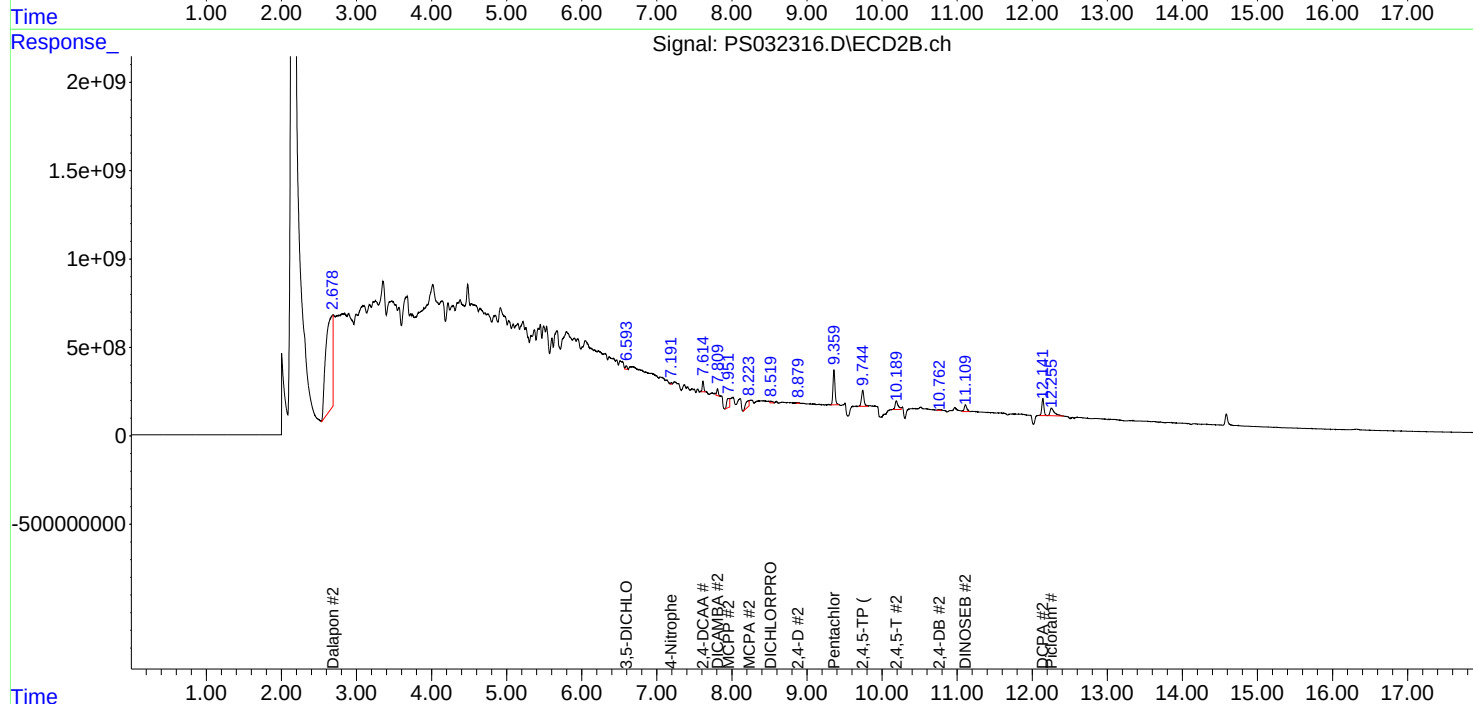
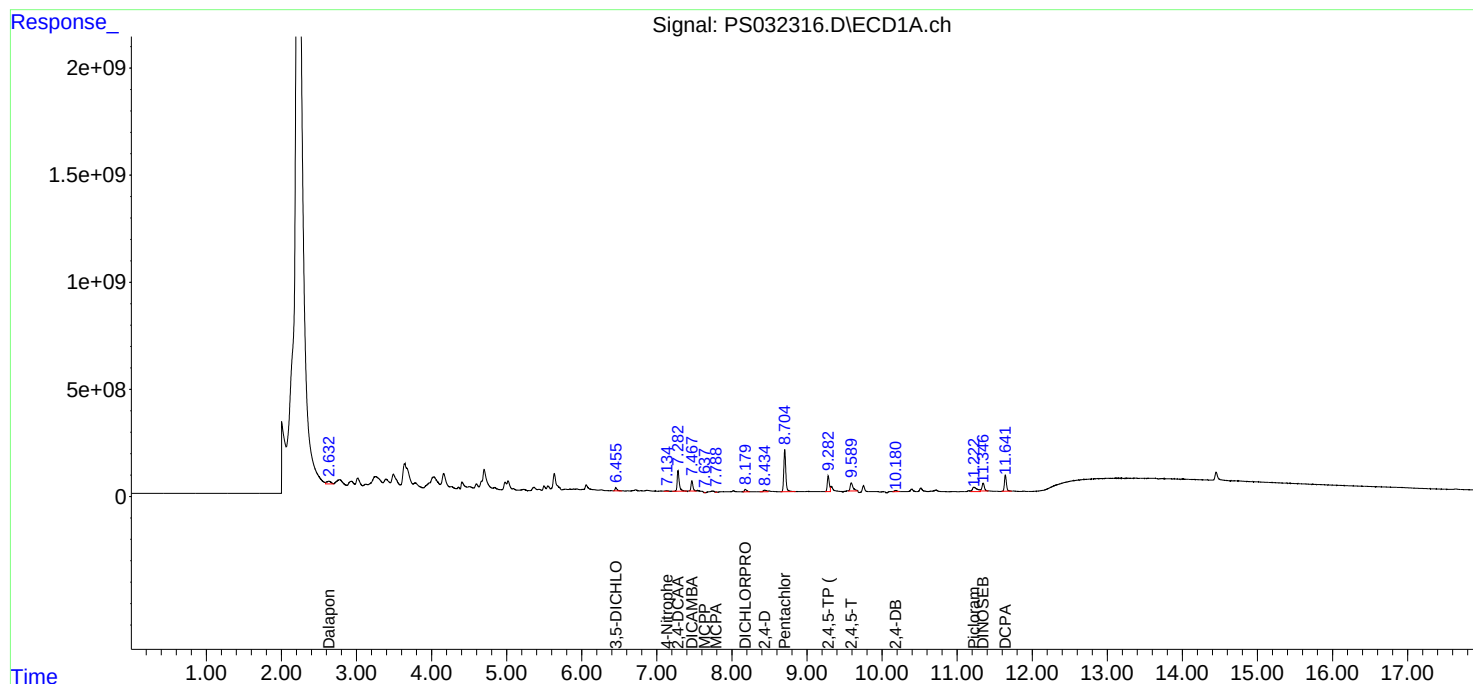
Instrument :
ECD_S
ClientSampleId :
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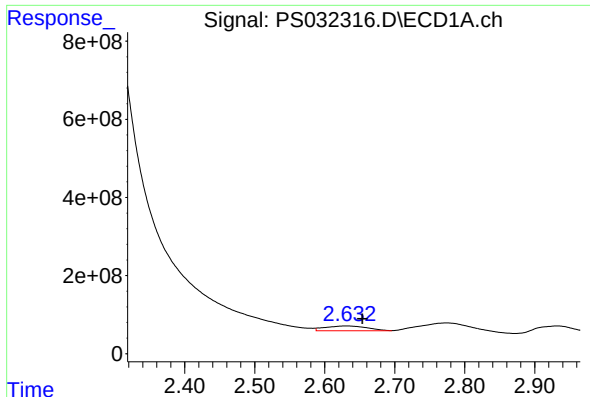
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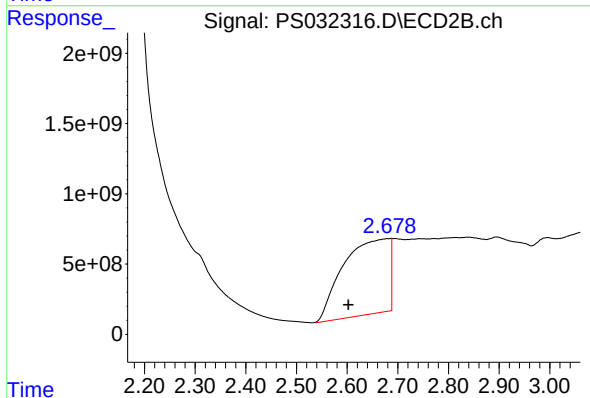
#1 Dalapon

R.T.: 2.632 min
Delta R.T.: -0.022 min
Response: 503723339
Conc: 70.17 ng/ml

Instrument :
ECD_S
ClientSampleId :
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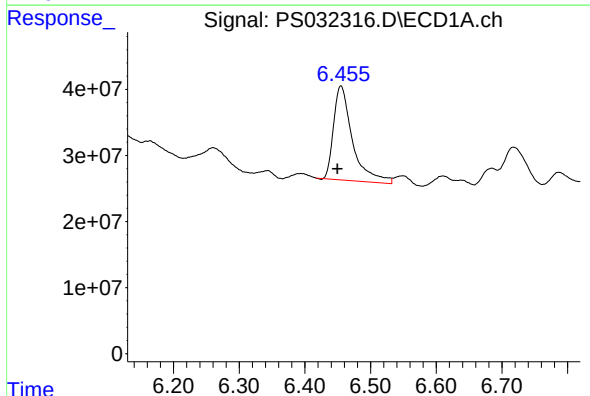
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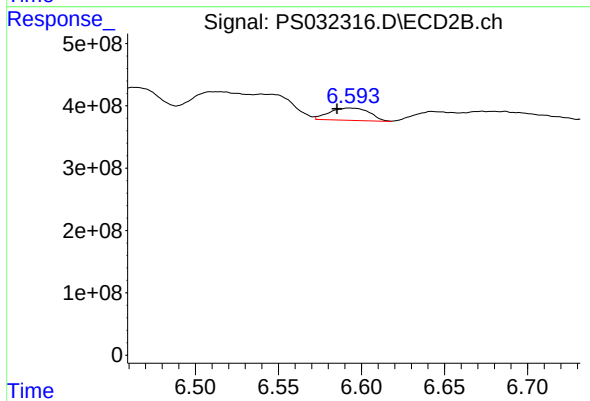
#1 Dalapon

R.T.: 2.678 min
Delta R.T.: 0.076 min
Response: 34075811247
Conc: 4900.18 ng/ml m



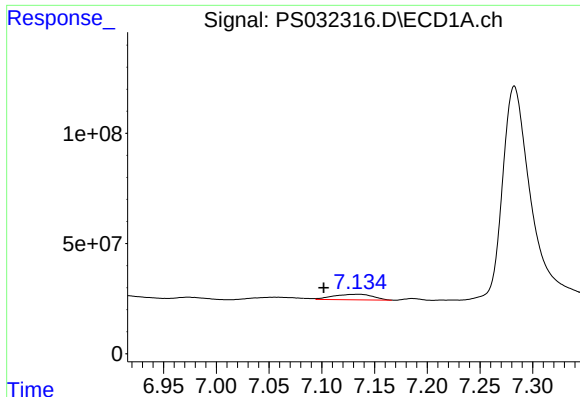
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: 0.006 min
Response: 285202441
Conc: 44.11 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.593 min
Delta R.T.: 0.008 min
Response: 329167989
Conc: 54.78 ng/ml m



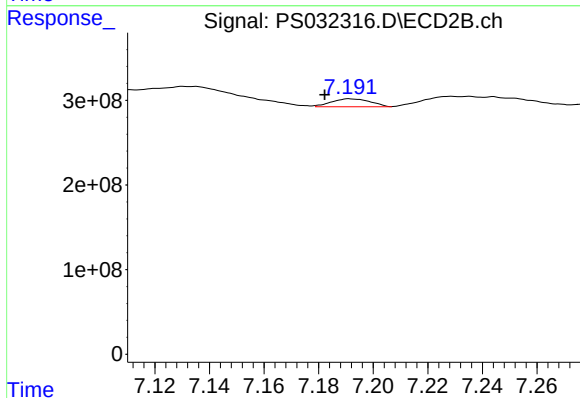
#3 4-Nitrophenol

R.T.: 7.134 min
Delta R.T.: 0.032 min
Response: 64266818
Conc: 47.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2025

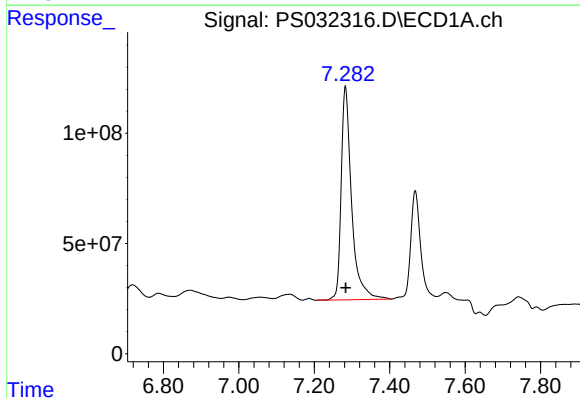
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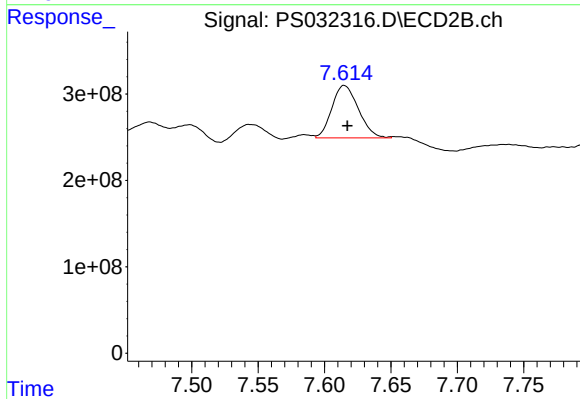
#3 4-Nitrophenol

R.T.: 7.191 min
Delta R.T.: 0.008 min
Response: 92097824
Conc: 40.57 ng/ml m



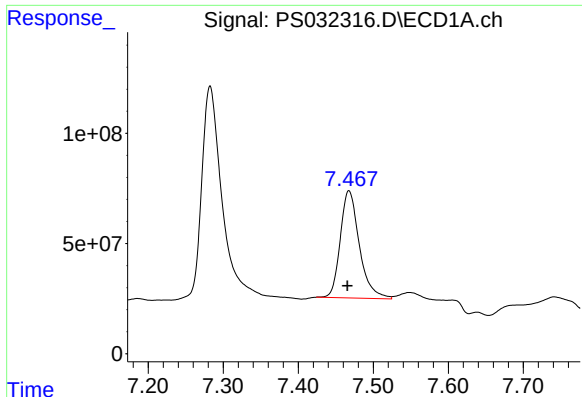
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 1863150898
Conc: 411.18 ng/ml



#4 2,4-DCAA

R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 844584489
Conc: 231.68 ng/ml m



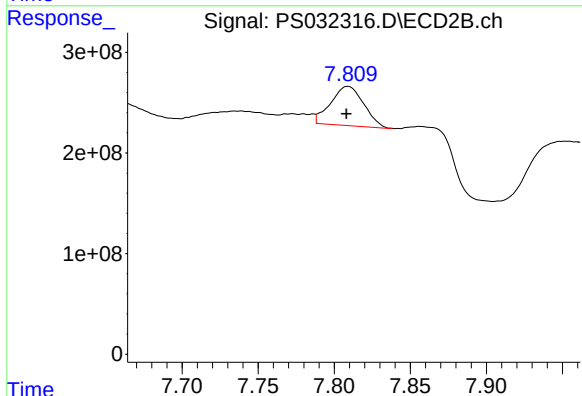
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.002 min
Response: 861131828
Conc: 45.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2025

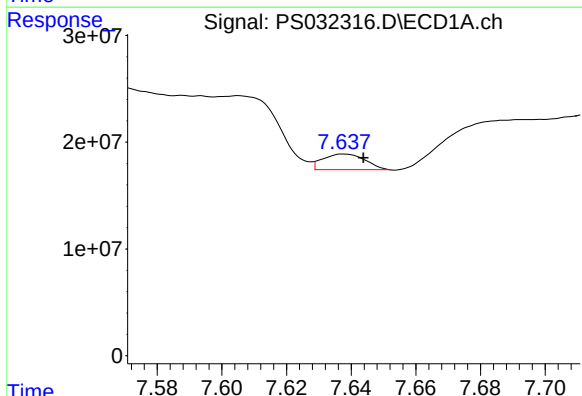
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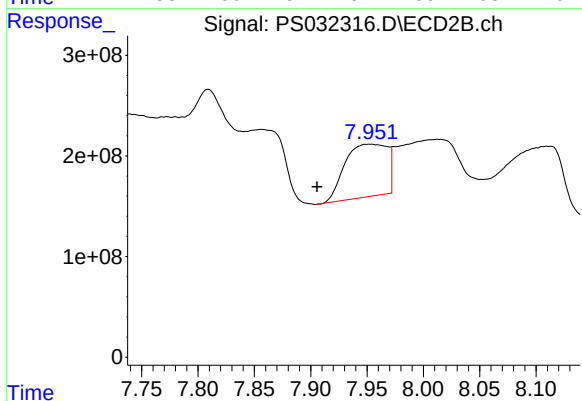
#5 DICAMBA

R.T.: 7.809 min
Delta R.T.: 0.001 min
Response: 587065005
Conc: 33.99 ng/ml m



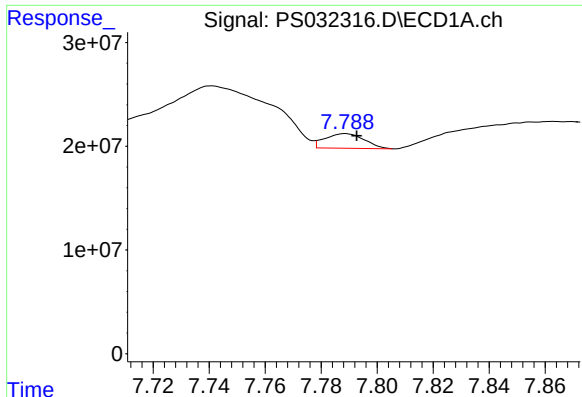
#6 MCP

R.T.: 7.637 min
Delta R.T.: -0.007 min
Response: 13029710
Conc: 1.20 ug/ml m



#6 MCP

R.T.: 7.952 min
Delta R.T.: 0.046 min
Response: 1365927638
Conc: 102.69 ug/ml



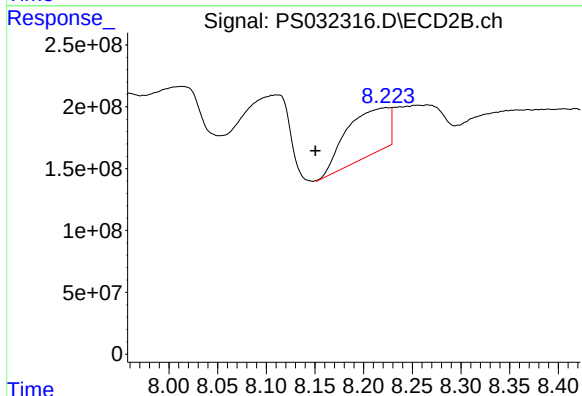
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.004 min
Response: 13524608
Conc: 1.01 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2025

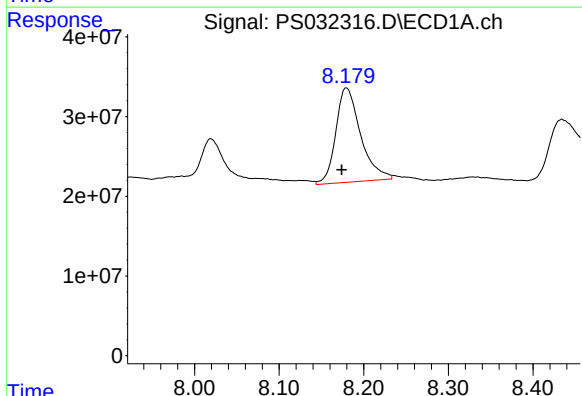
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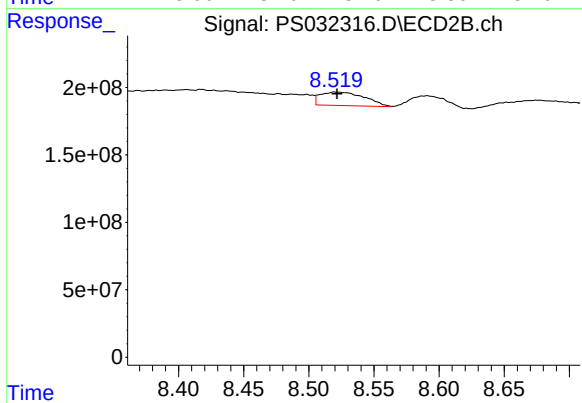
#7 MCPA

R.T.: 8.223 min
Delta R.T.: 0.072 min
Response: 1162748429
Conc: 71.32 ug/ml m



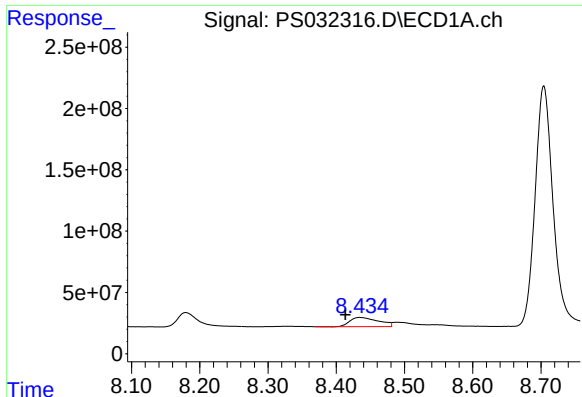
#8 DICHLORPROP

R.T.: 8.179 min
Delta R.T.: 0.005 min
Response: 241655077
Conc: 54.32 ng/ml m



#8 DICHLORPROP

R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 233126859
Conc: 48.88 ng/ml m



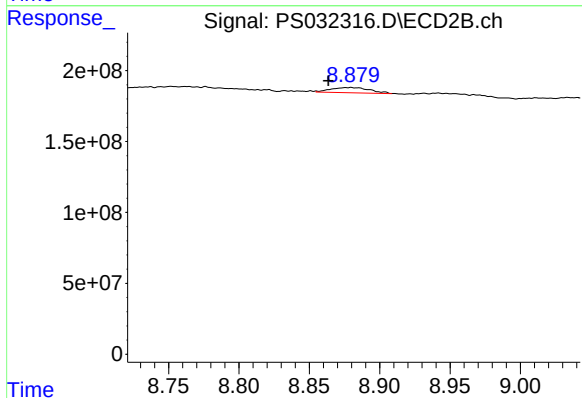
#9 2,4-D

R.T.: 8.435 min
Delta R.T.: 0.021 min
Response: 217985329
Conc: 48.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2025

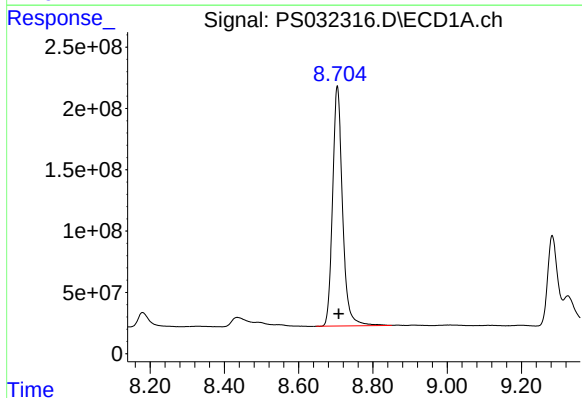
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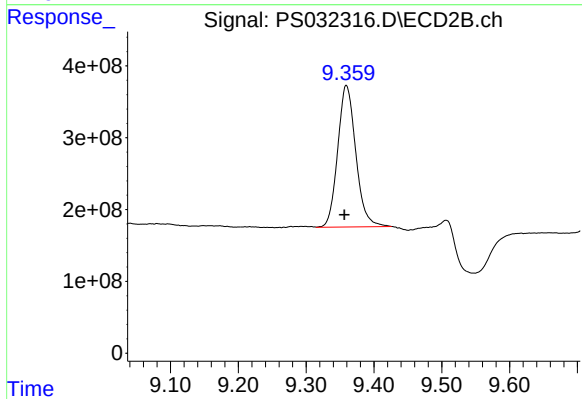
#9 2,4-D

R.T.: 8.879 min
Delta R.T.: 0.016 min
Response: 70412357
Conc: 13.42 ng/ml m



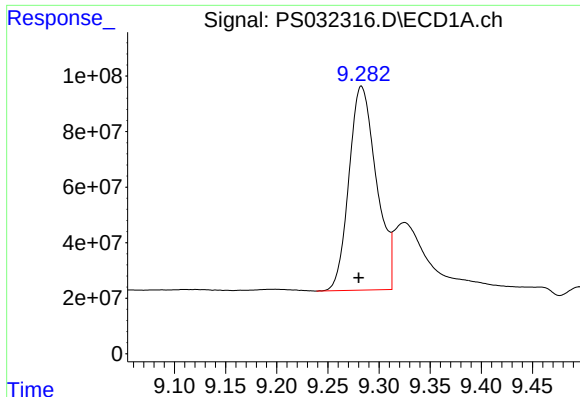
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.004 min
Response: 3642458100
Conc: 58.06 ng/ml



#10 Pentachlorophenol

R.T.: 9.359 min
Delta R.T.: 0.002 min
Response: 3659316994
Conc: 62.34 ng/ml m



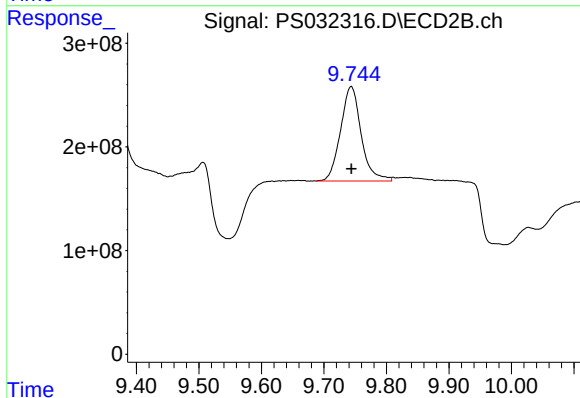
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: 0.003 min
Response: 1371480456
Conc: 52.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT4-2025

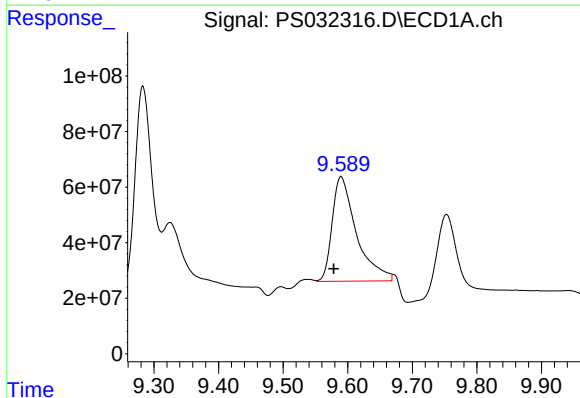
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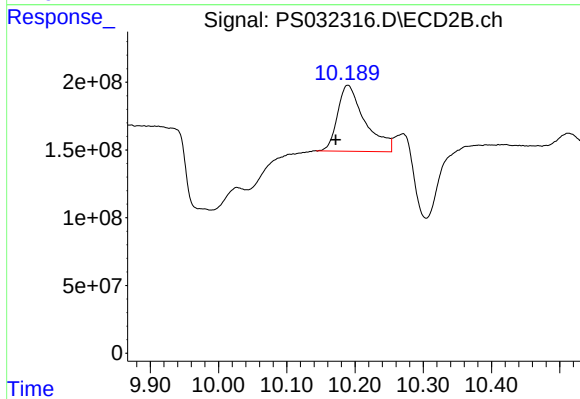
#11 2,4,5-TP (SILVEX)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 2094483600
Conc: 78.00 ng/ml m



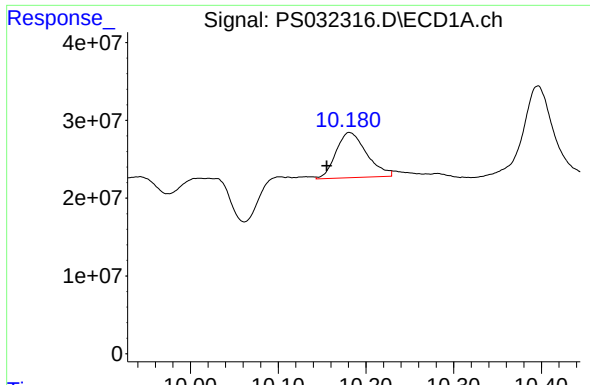
#12 2,4,5-T

R.T.: 9.589 min
Delta R.T.: 0.011 min
Response: 984422217
Conc: 41.30 ng/ml m



#12 2,4,5-T

R.T.: 10.189 min
Delta R.T.: 0.017 min
Response: 1360046953
Conc: 57.34 ng/ml m



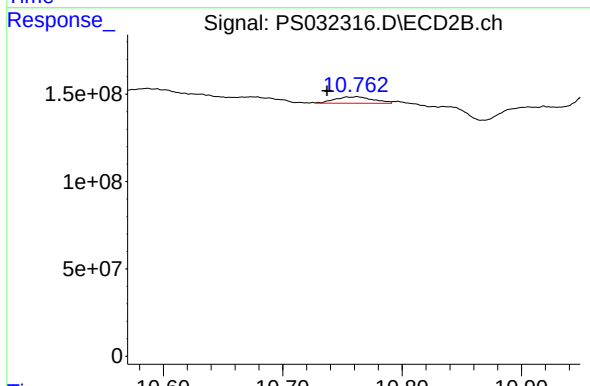
#13 2,4-DB

R.T.: 10.180 min
Delta R.T.: 0.025 min
Response: 142194159
Conc: 53.96 ng/ml

Instrument :
ECD_S
ClientSampleId :
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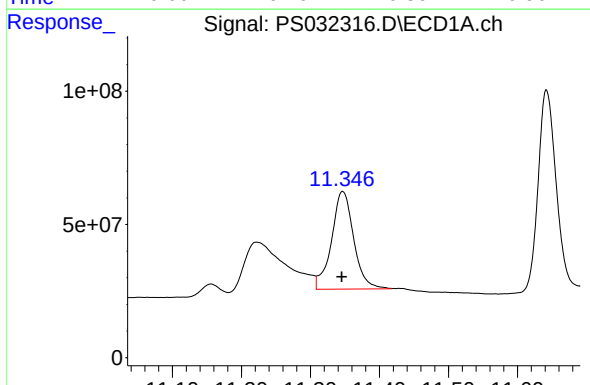
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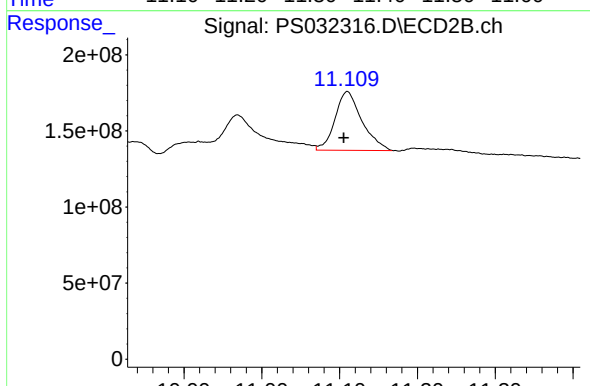
#13 2,4-DB

R.T.: 10.762 min
Delta R.T.: 0.024 min
Response: 80949935
Conc: 21.46 ng/ml m



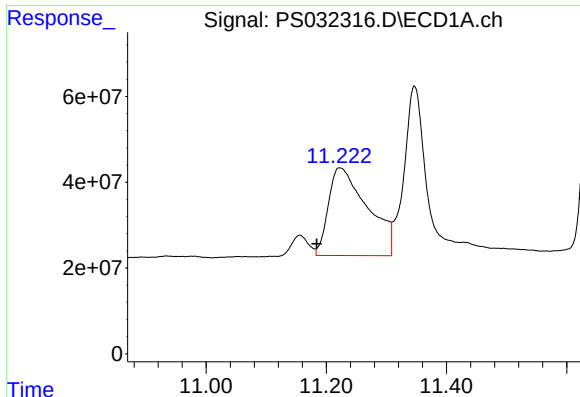
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 817868469
Conc: 39.31 ng/ml m



#14 DINOSEB

R.T.: 11.109 min
Delta R.T.: 0.004 min
Response: 929208211
Conc: 52.54 ng/ml m



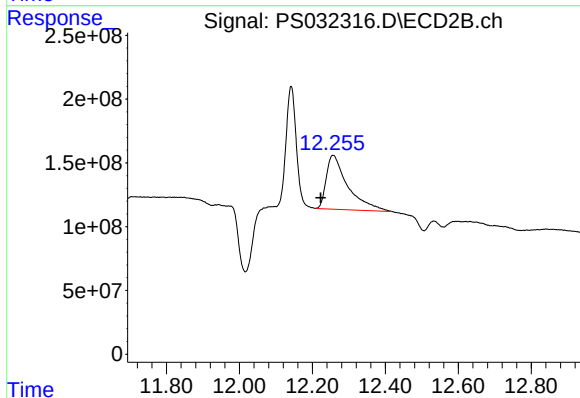
#15 Picloram

R.T.: 11.222 min
Delta R.T.: 0.038 min
Response: 932402379
Conc: 43.93 ng/ml

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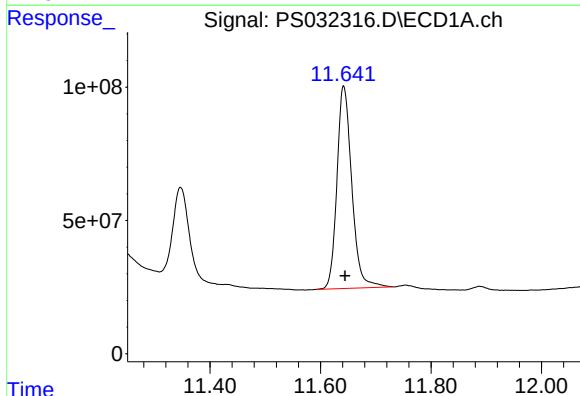
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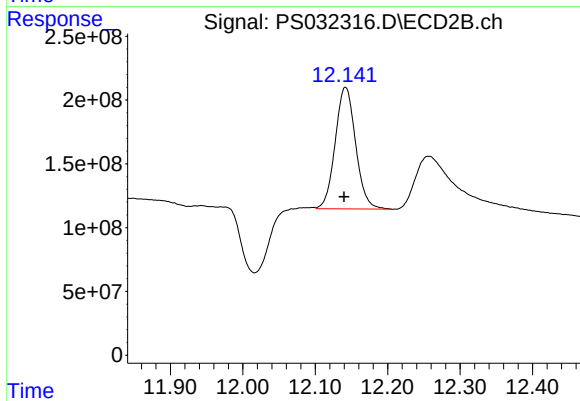
#15 Picloram

R.T.: 12.255 min
Delta R.T.: 0.032 min
Response: 1733772278
Conc: 46.63 ng/ml m



#16 DCPA

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 1418602091
Conc: 42.28 ng/ml



#16 DCPA

R.T.: 12.141 min
Delta R.T.: 0.001 min
Response: 1868733388
Conc: 58.65 ng/ml m