

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110625\
 Data File : PS032301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 21:01
 Operator : AR\AJ
 Sample : Q3530-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 01:09:29 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	7.279	7.613	1630.0E6	1783.3E6	359.723	489.182 #
Target Compounds							
1) T	Dalapon	2.642	2.615	389.0E6	2638.5E6	54.183m	379.424m#
2) T	3,5-DICHL...	6.451	6.589	376.0E6	310.0E6	58.148	51.586
3) T	4-Nitroph...	7.118	7.206	28600258	23198676	21.304m	10.220m#
5) T	DICAMBA	7.464	7.806	1108.3E6	1001.2E6	58.744	57.966m
6) T	MCPD	7.635	7.898	26552650	51075134	2.438m	3.840 #
7) T	MCPA	7.786	8.143	54694056	61048005	4.074	3.744
8) T	DICHLORPROP	8.174	8.522	368.2E6	337.2E6	82.758	70.706
9) T	2,4-D	8.423	8.877	305.9E6	449.8E6	67.804	85.742 #
10) T	Pentachlo...	8.700	9.356	4572.7E6	4729.5E6	72.884	80.568
11) T	2,4,5-TP ...	9.278	9.741	1776.1E6	2512.7E6	68.280	93.570 #
12) T	2,4,5-T	9.581	10.182	1252.7E6	1735.2E6	52.551m	73.160 #
13) T	2,4-DB	10.167	10.749	185.5E6	219.8E6	70.408m	58.277m
14) T	DINOSEB	11.342	11.105	1078.3E6	887.8E6	51.824	50.193
15) T	Picloram	11.207	12.249f	974.9E6	1935.2E6	45.931	52.047
16) T	DCPA	11.639	12.138	1810.5E6	2553.5E6	53.959	80.147 #

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

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Sample : Q3530-01
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ALS Vial : 22 Sample Multiplier: 1

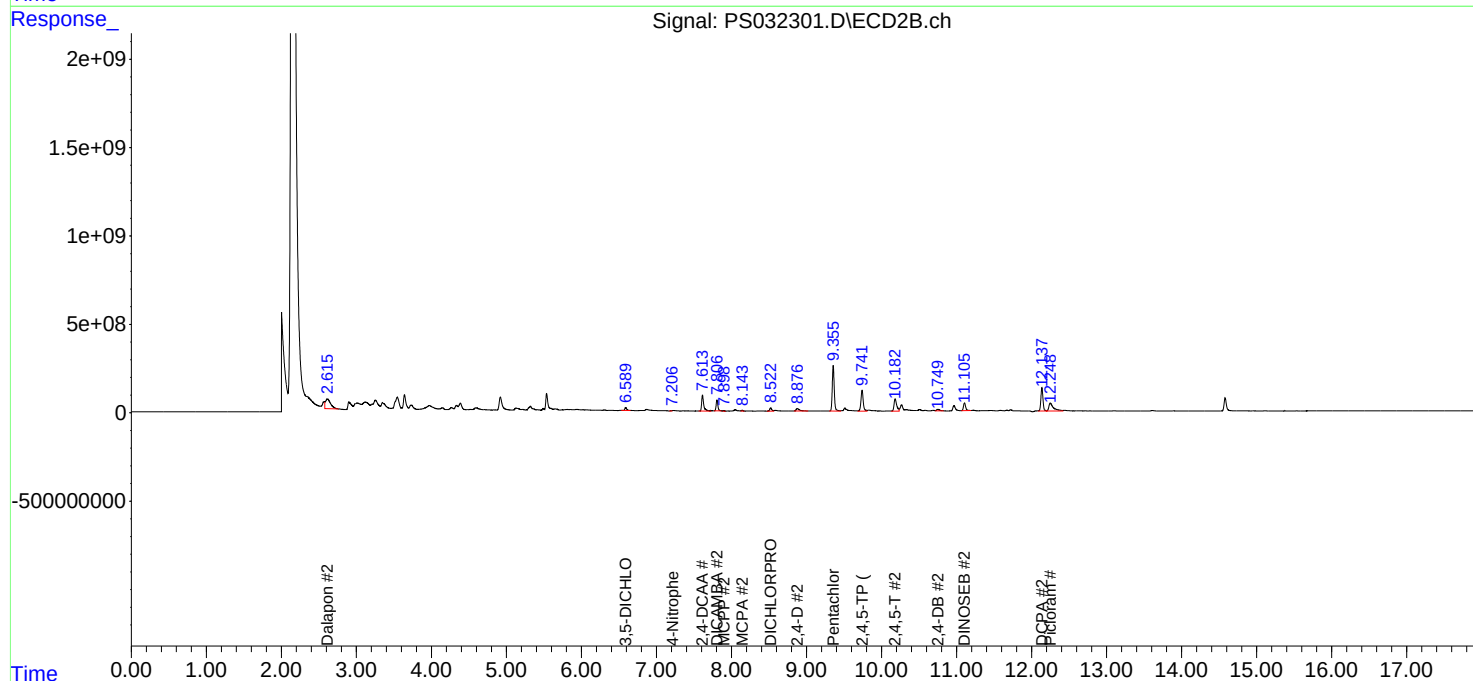
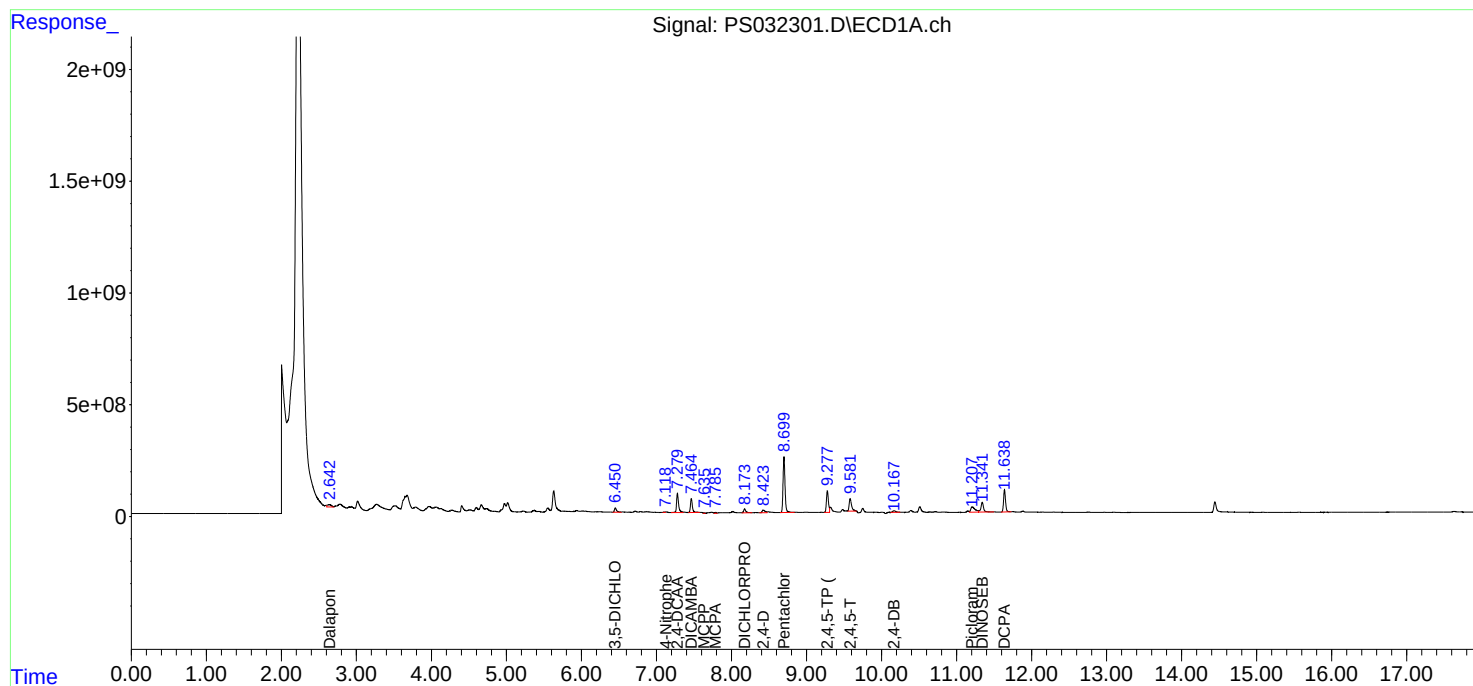
Instrument :
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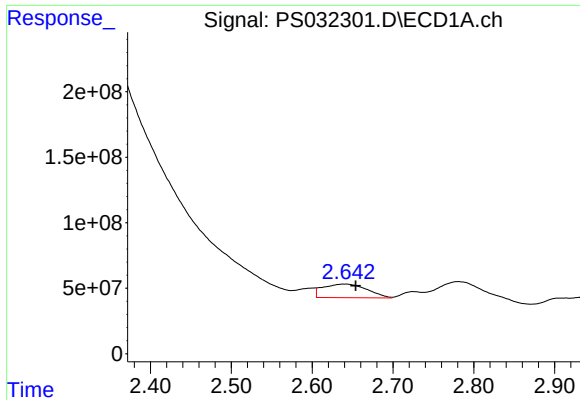
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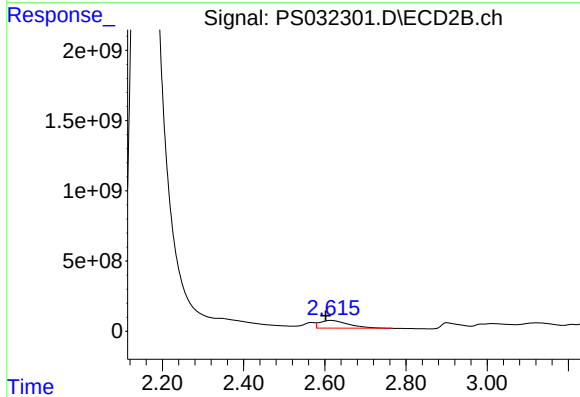
#1 Dalapon

R.T.: 2.642 min
Delta R.T.: -0.012 min
Response: 388967930
Conc: 54.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
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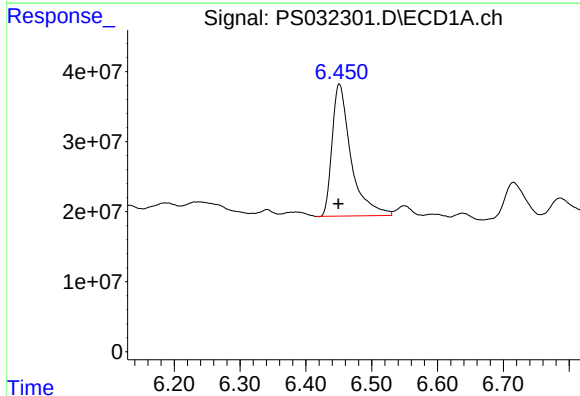
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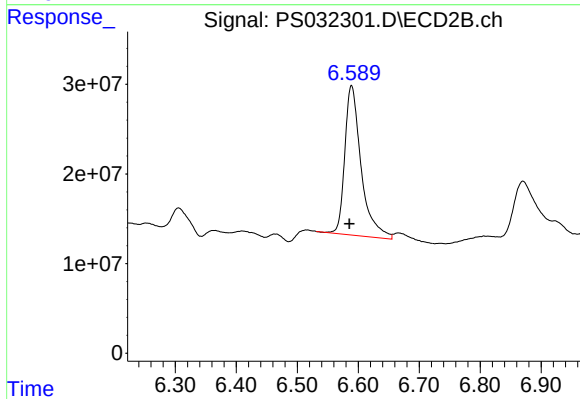
#1 Dalapon

R.T.: 2.615 min
Delta R.T.: 0.012 min
Response: 2638511295
Conc: 379.42 ng/ml m



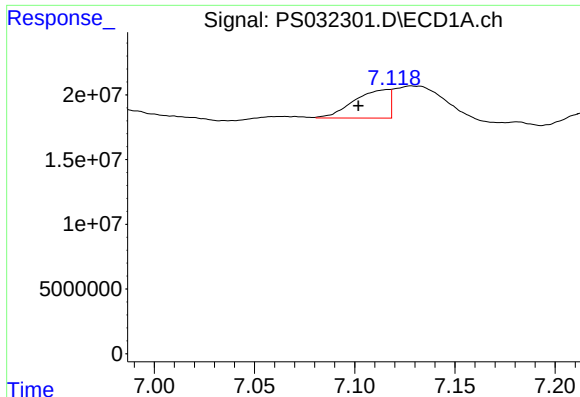
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.002 min
Response: 375994044
Conc: 58.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.589 min
Delta R.T.: 0.004 min
Response: 309979575
Conc: 51.59 ng/ml



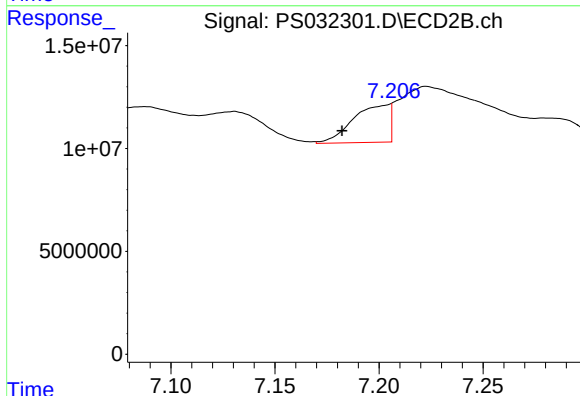
#3 4-Nitrophenol

R.T.: 7.118 min
Delta R.T.: 0.017 min
Response: 28600258
Conc: 21.30 ng/ml

Instrument :
ECD_S
ClientSampleId :
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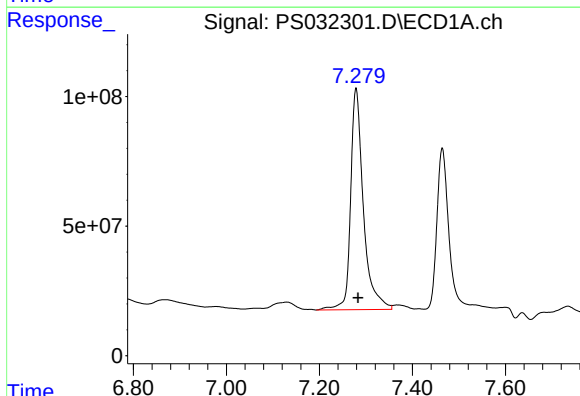
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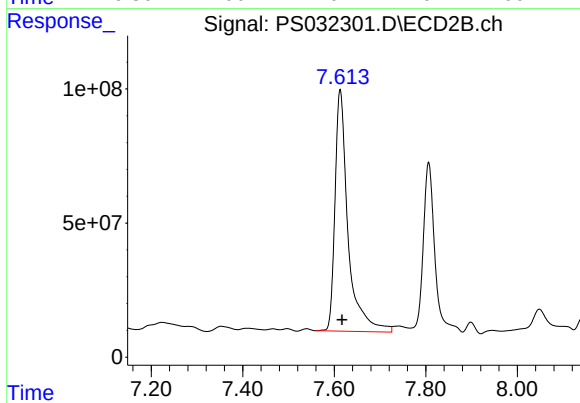
#3 4-Nitrophenol

R.T.: 7.206 min
Delta R.T.: 0.024 min
Response: 23198676
Conc: 10.22 ng/ml m



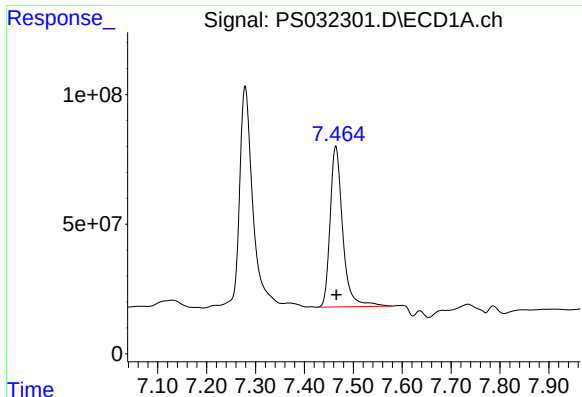
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: -0.005 min
Response: 1630002944
Conc: 359.72 ng/ml



#4 2,4-DCAA

R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 1783312149
Conc: 489.18 ng/ml



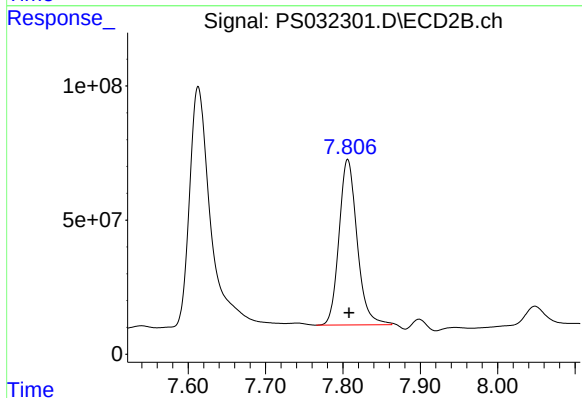
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.002 min
Response: 1108270852
Conc: 58.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

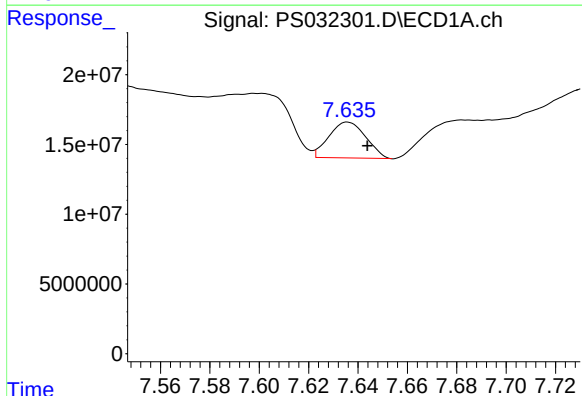
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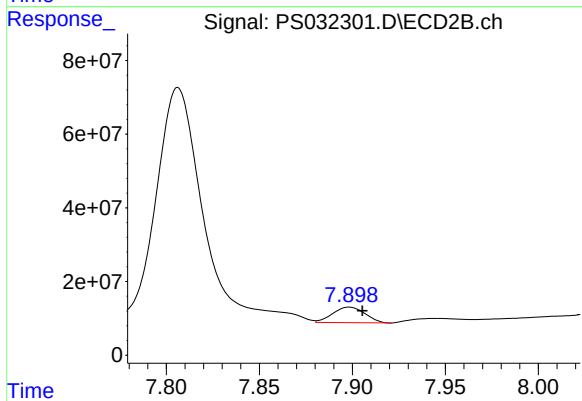
#5 DICAMBA

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1001209933
Conc: 57.97 ng/ml m



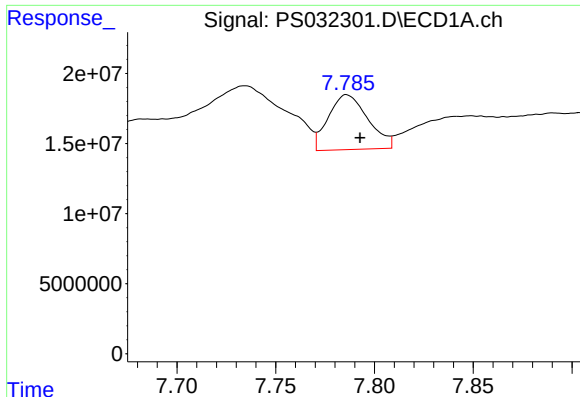
#6 MCP

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 26552650
Conc: 2.44 ug/ml m



#6 MCP

R.T.: 7.898 min
Delta R.T.: -0.007 min
Response: 51075134
Conc: 3.84 ug/ml



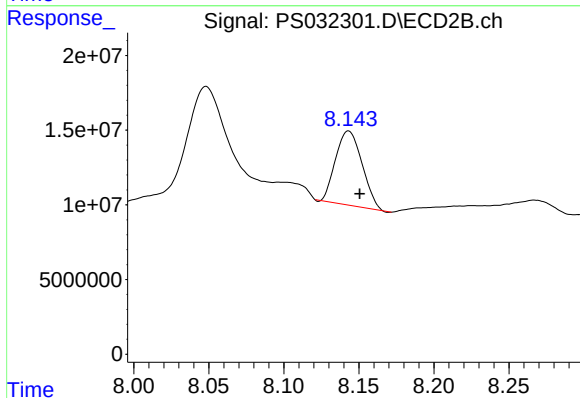
#7 MCPA

R.T.: 7.786 min
Delta R.T.: -0.006 min
Response: 54694056
Conc: 4.07 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

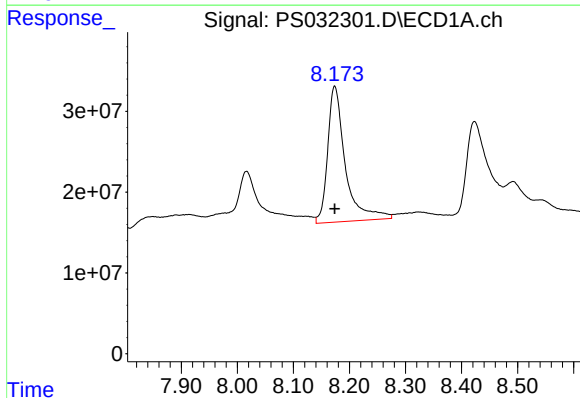
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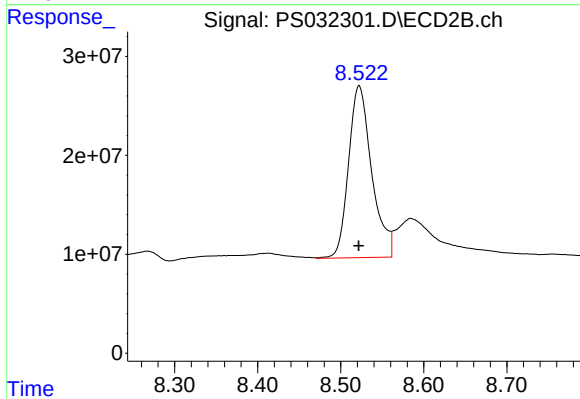
#7 MCPA

R.T.: 8.143 min
Delta R.T.: -0.007 min
Response: 61048005
Conc: 3.74 ug/ml



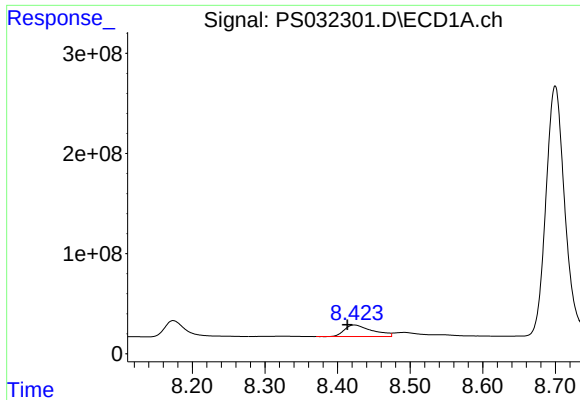
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 368169252
Conc: 82.76 ng/ml



#8 DICHLORPROP

R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 337204731
Conc: 70.71 ng/ml



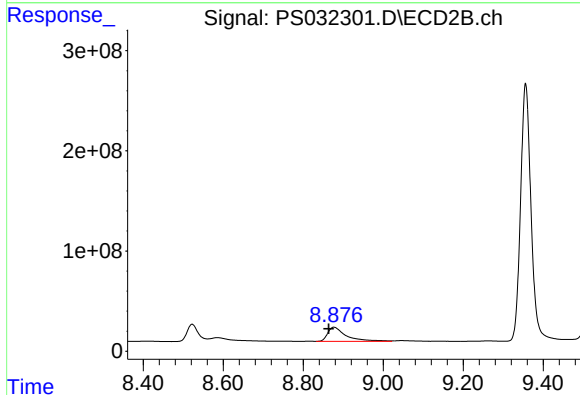
#9 2,4-D

R.T.: 8.423 min
Delta R.T.: 0.010 min
Response: 305917059
Conc: 67.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

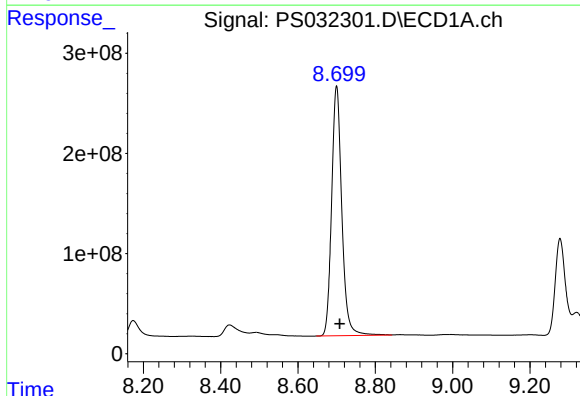
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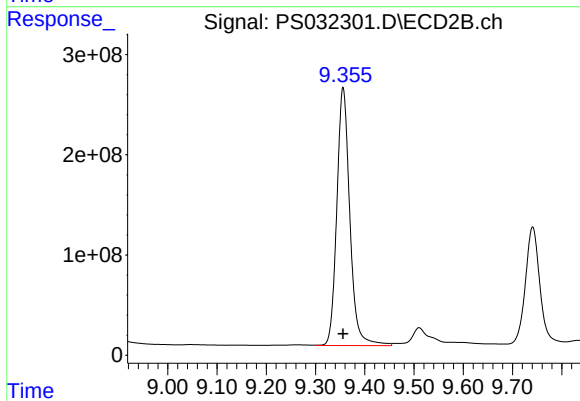
#9 2,4-D

R.T.: 8.877 min
Delta R.T.: 0.013 min
Response: 449772379
Conc: 85.74 ng/ml



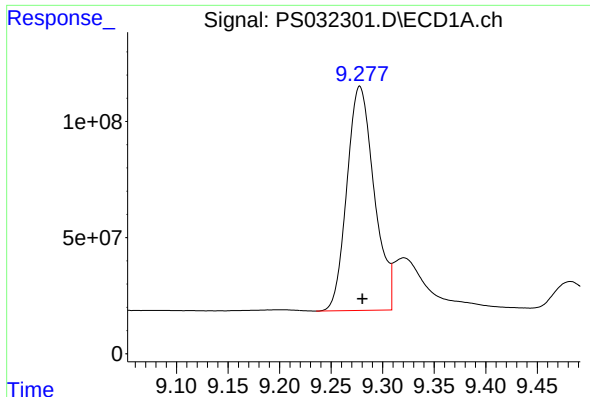
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.008 min
Response: 4572660999
Conc: 72.88 ng/ml



#10 Pentachlorophenol

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 4729542908
Conc: 80.57 ng/ml



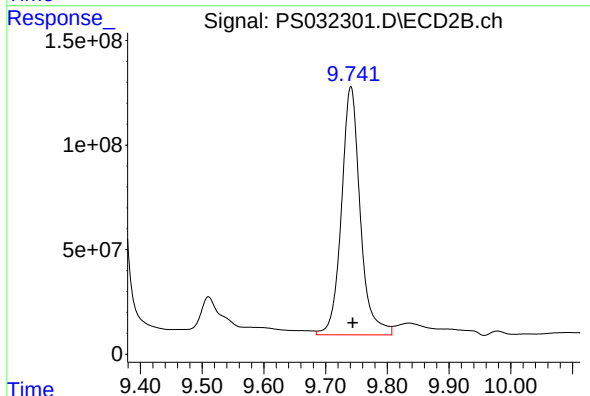
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.002 min
Response: 1776082073
Conc: 68.28 ng/ml

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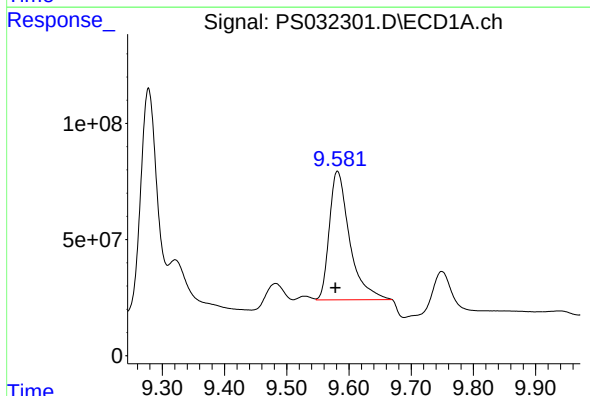
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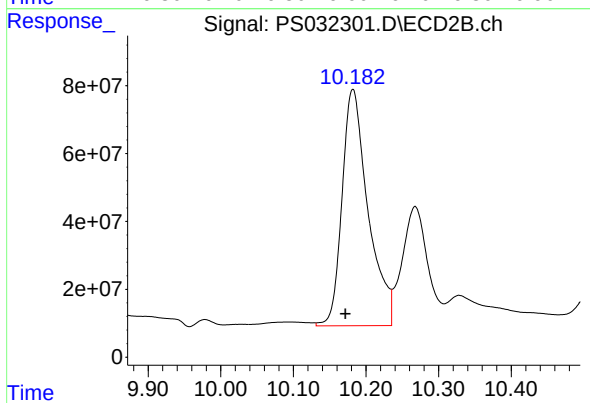
#11 2,4,5-TP (SILVEX)

R.T.: 9.741 min
Delta R.T.: -0.003 min
Response: 2512730895
Conc: 93.57 ng/ml



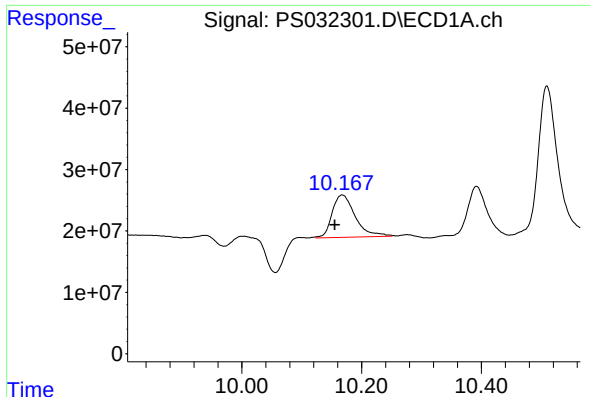
#12 2,4,5-T

R.T.: 9.581 min
Delta R.T.: 0.003 min
Response: 1252715442
Conc: 52.55 ng/ml m



#12 2,4,5-T

R.T.: 10.182 min
Delta R.T.: 0.010 min
Response: 1735202755
Conc: 73.16 ng/ml



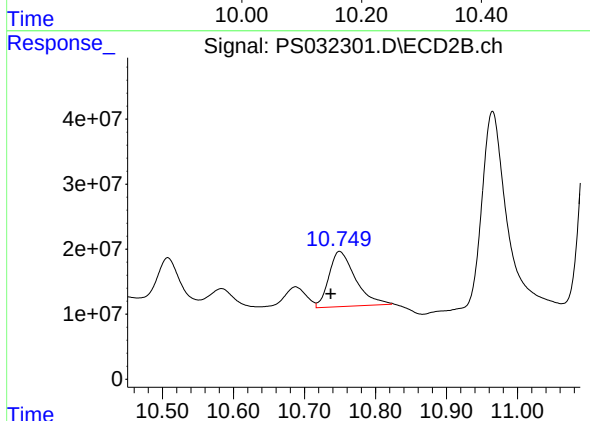
#13 2,4-DB

R.T.: 10.167 min
Delta R.T.: 0.011 min
Response: 185532240
Conc: 70.41 ng/ml

Instrument :
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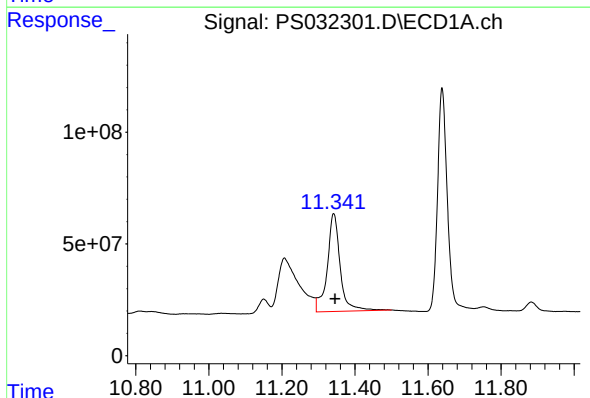
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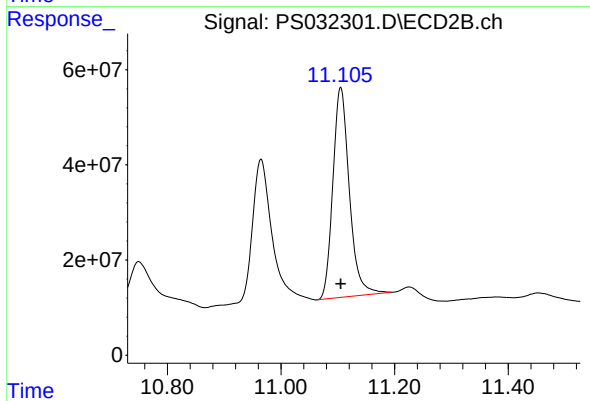
#13 2,4-DB

R.T.: 10.749 min
Delta R.T.: 0.012 min
Response: 219780668
Conc: 58.28 ng/ml m



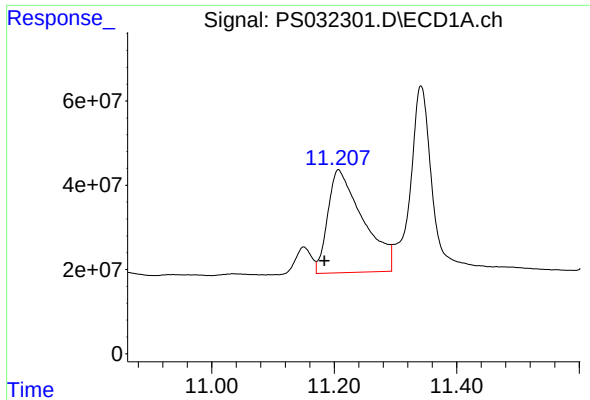
#14 DINOSEB

R.T.: 11.342 min
Delta R.T.: -0.004 min
Response: 1078328022
Conc: 51.82 ng/ml



#14 DINOSEB

R.T.: 11.105 min
Delta R.T.: 0.000 min
Response: 887785457
Conc: 50.19 ng/ml



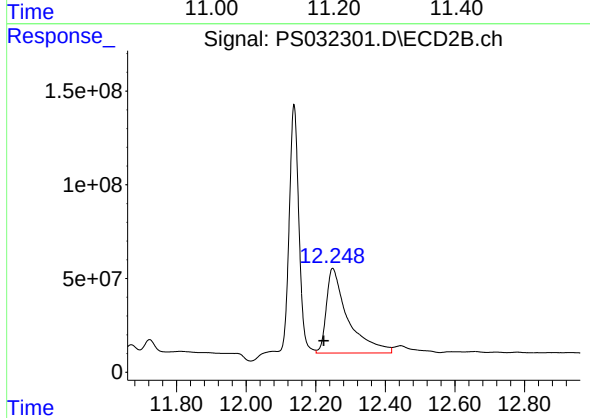
#15 Picloram

R.T.: 11.207 min
Delta R.T.: 0.023 min
Response: 974911538
Conc: 45.93 ng/ml

Instrument :
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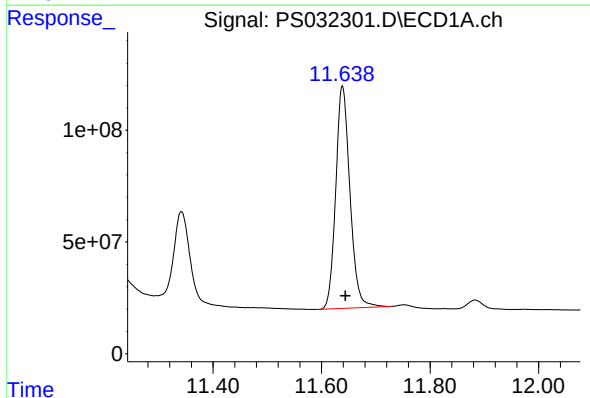
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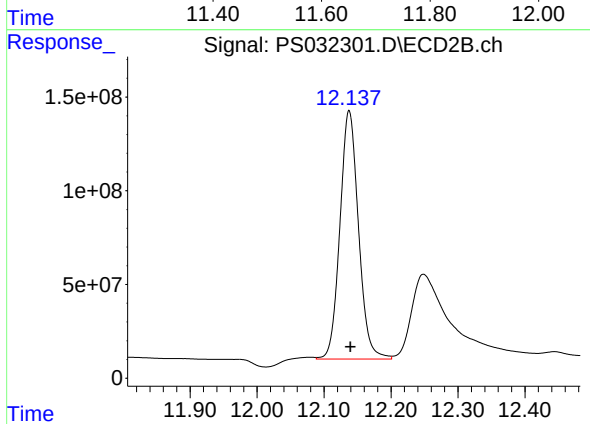
#15 Picloram

R.T.: 12.249 min
Delta R.T.: 0.026 min
Response: 1935227773
Conc: 52.05 ng/ml



#16 DCPA

R.T.: 11.639 min
Delta R.T.: -0.006 min
Response: 1810450583
Conc: 53.96 ng/ml



#16 DCPA

R.T.: 12.138 min
Delta R.T.: -0.002 min
Response: 2553537805
Conc: 80.15 ng/ml