

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090325\
 Data File : PS031610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2025 18:19
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : LOD SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 02:26:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.285	7.742	1591.3E6	442.8E6	501.342	523.863
Target Compounds							
1) T	Dalapon	2.663	2.665f	840.1E6	1280.1E6	160.057	481.063 #
2) T	3,5-DICHL...	6.454	6.700	461.1E6	122.7E6	97.716	90.789
3) T	4-Nitroph...	7.101	7.317f	95079521	73505661	92.160	58.482 #
5) T	DICAMBA	7.469	7.939	1318.9E6	501.4E6	94.431	88.233m
6) T	MCPD	7.644	8.030	37874293	4587407	4.708m	2.595 #
7) T	MCPA	7.794	8.277	69771870	12702852	7.004	4.528 #
8) T	DICHLORPROP	8.178	8.659	387.2E6	147.0E6	122.046	110.116m
9) T	2,4-D	8.419	9.010	345.0E6	172.1E6	119.918	120.603
10) T	Pentachlo...	8.708	9.509	5296.3E6	3426.6E6	110.311	98.384
11) T	2,4,5-TP ...	9.286	9.892	2183.9E6	1676.0E6	121.843	127.780
12) T	2,4,5-T	9.585	10.329	1414.2E6	1041.8E6	96.525m	87.988m
13) T	2,4-DB	10.163	10.900	191.0E6	73617660	99.367m	76.300m
14) T	DINOSEB	11.357	11.267	1360.1E6	853.4E6	107.279	90.237
15) T	Picloram	11.198	12.408	876.6E6	999.2E6	67.150m	57.000
16) T	DCPA	11.651	12.308	1805.3E6	2015.2E6	79.253m	102.294m#

(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
ALS Vial : 15 Sample Multiplier: 1

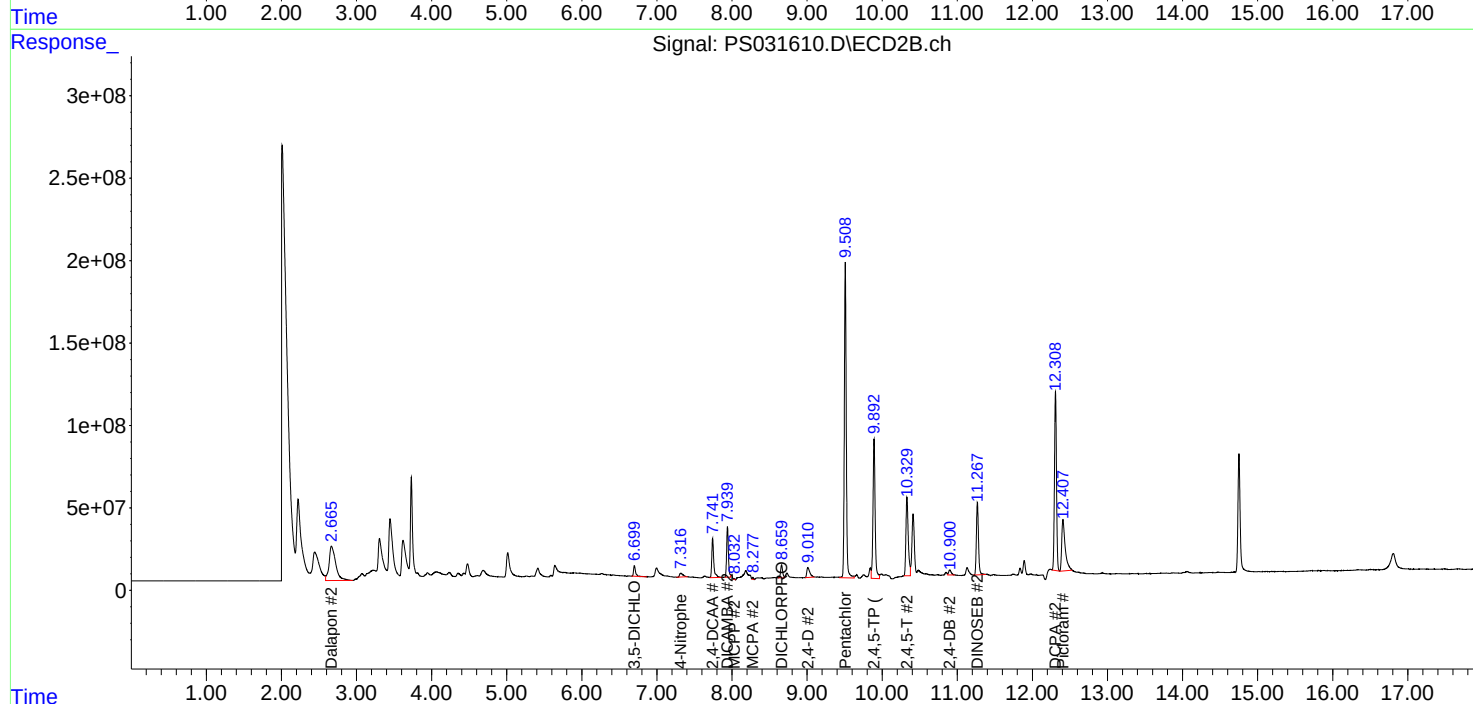
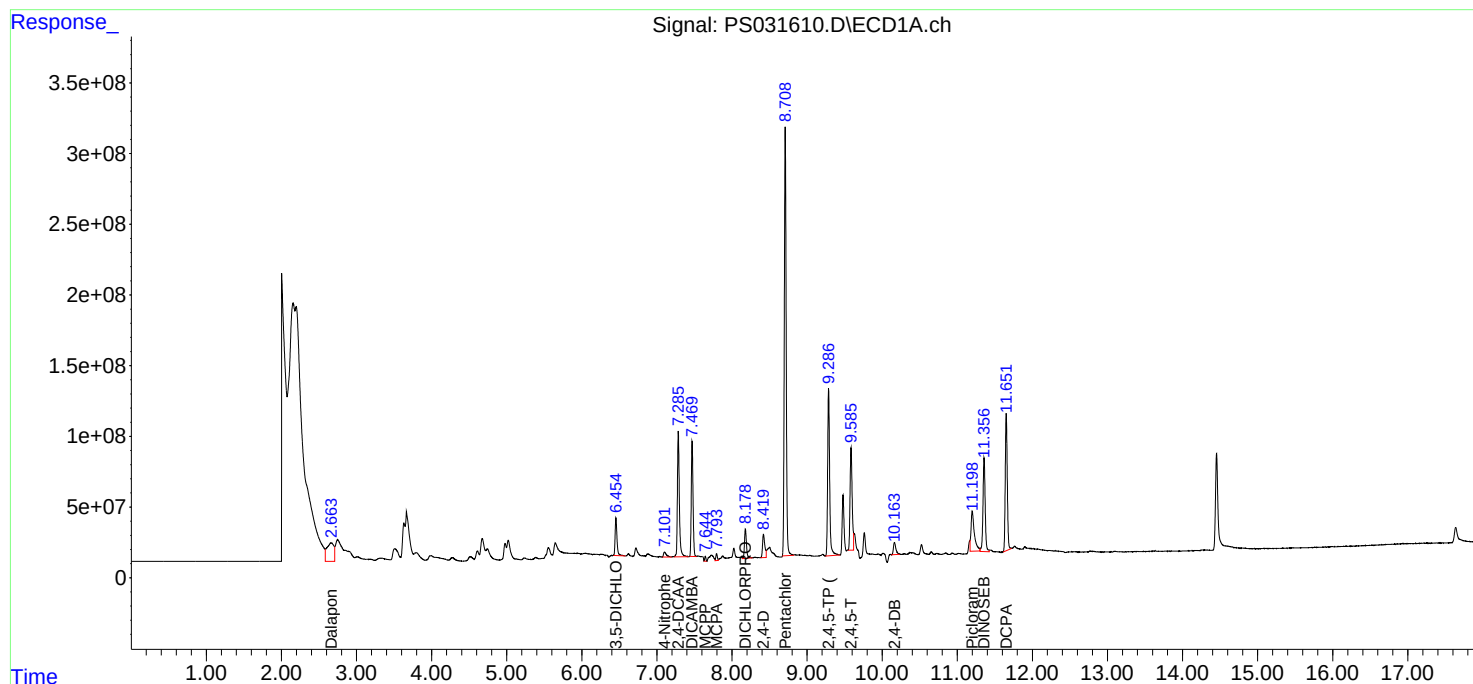
Instrument :
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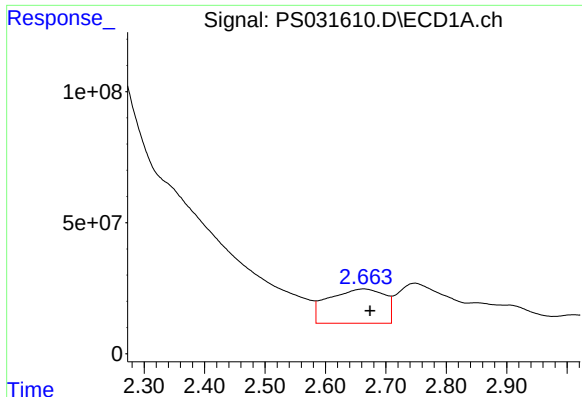
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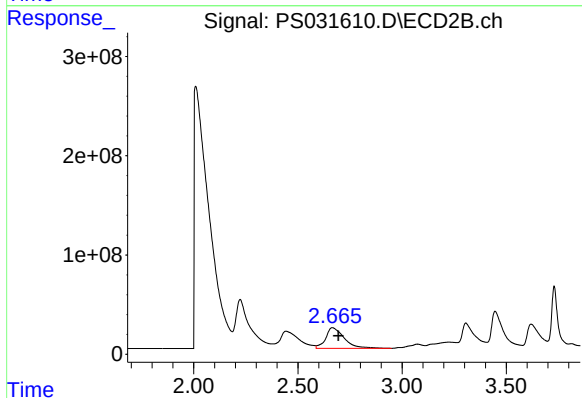
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.011 min
Response: 840130765
Conc: 160.06 ng/ml

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

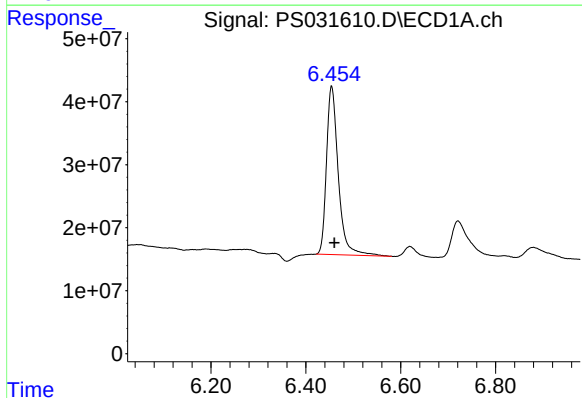
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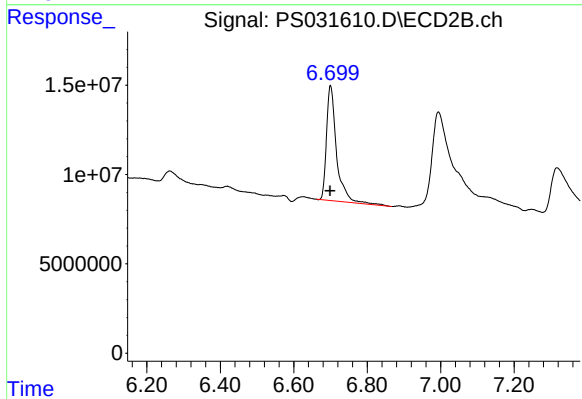
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.030 min
Response: 1280114457
Conc: 481.06 ng/ml



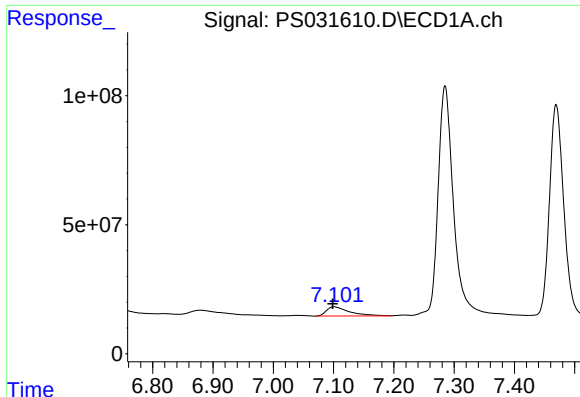
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: -0.006 min
Response: 461053232
Conc: 97.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.001 min
Response: 122739794
Conc: 90.79 ng/ml



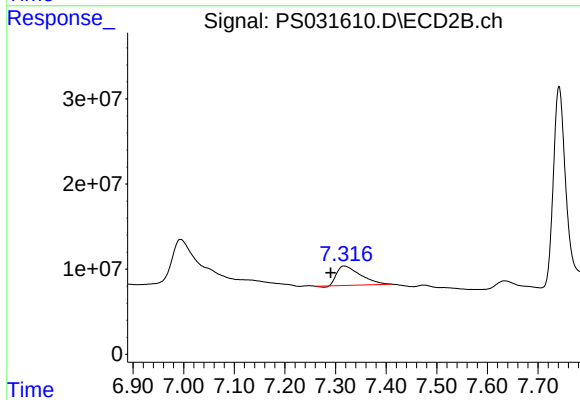
#3 4-Nitrophenol

R.T.: 7.101 min
Delta R.T.: 0.003 min
Response: 95079521
Conc: 92.16 ng/ml

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

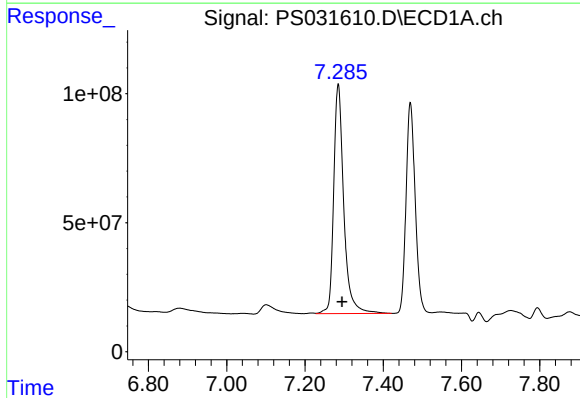
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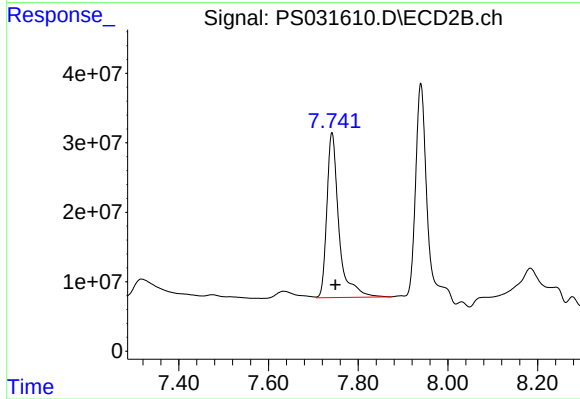
#3 4-Nitrophenol

R.T.: 7.317 min
Delta R.T.: 0.026 min
Response: 73505661
Conc: 58.48 ng/ml



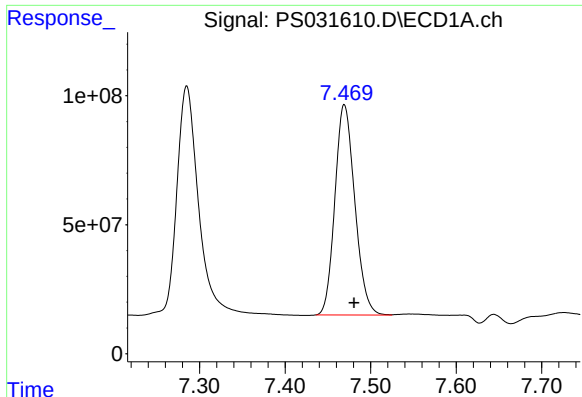
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.010 min
Response: 1591253359
Conc: 501.34 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.008 min
Response: 442841997
Conc: 523.86 ng/ml



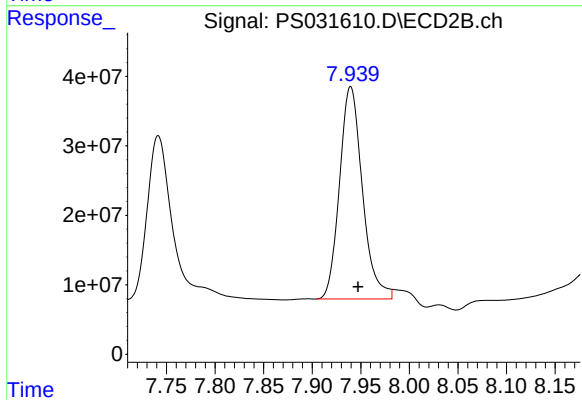
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: -0.012 min
Response: 1318870713
Conc: 94.43 ng/ml

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

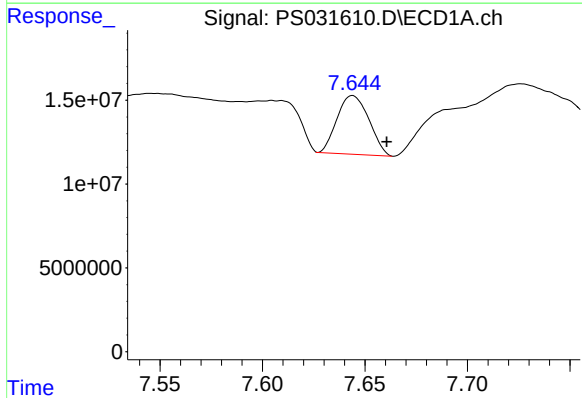
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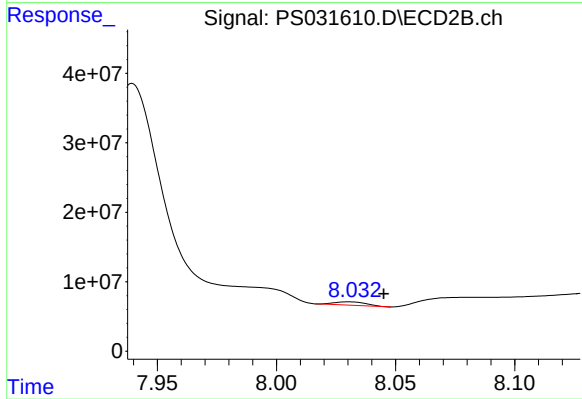
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 501397903
Conc: 88.23 ng/ml m



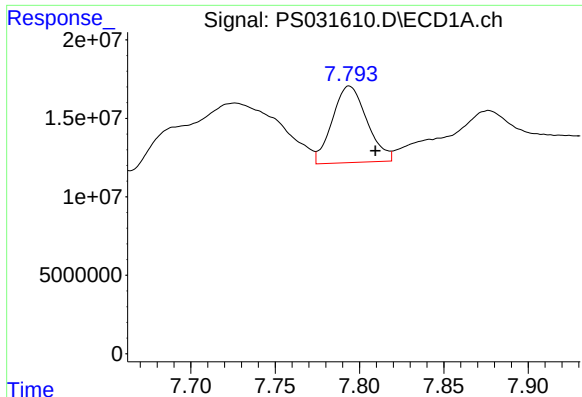
#6 MCP

R.T.: 7.644 min
Delta R.T.: -0.017 min
Response: 37874293
Conc: 4.71 ug/ml m



#6 MCP

R.T.: 8.030 min
Delta R.T.: -0.015 min
Response: 4587407
Conc: 2.59 ug/ml



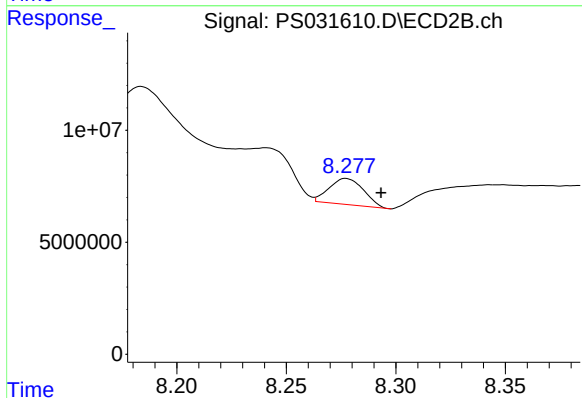
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.015 min
Response: 69771870
Conc: 7.00 ug/ml

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

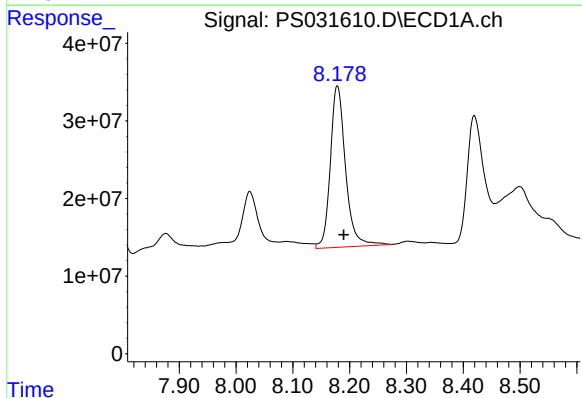
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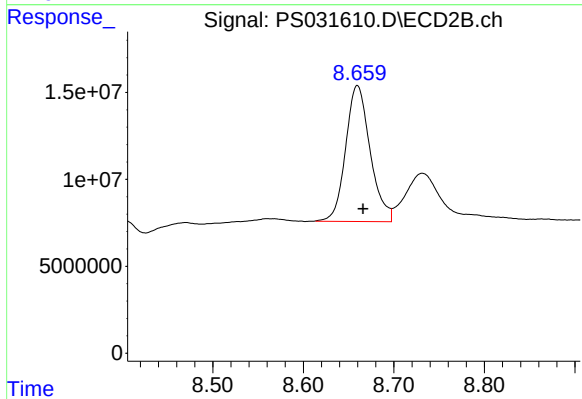
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.016 min
Response: 12702852
Conc: 4.53 ug/ml



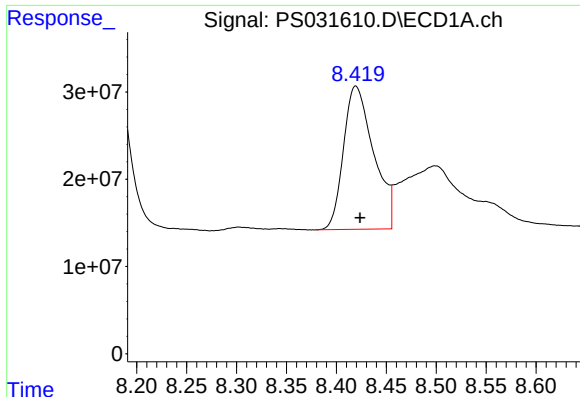
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: -0.011 min
Response: 387181291
Conc: 122.05 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 147008488
Conc: 110.12 ng/ml m



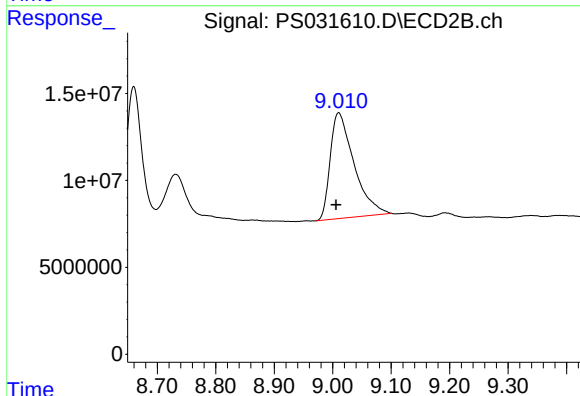
#9 2,4-D

R.T.: 8.419 min
Delta R.T.: -0.004 min
Response: 344983024
Conc: 119.92 ng/ml

Instrument :
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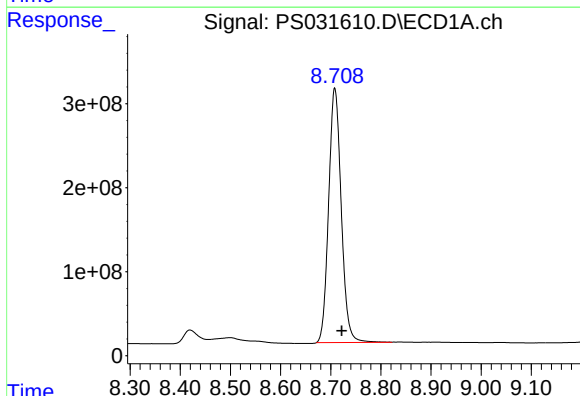
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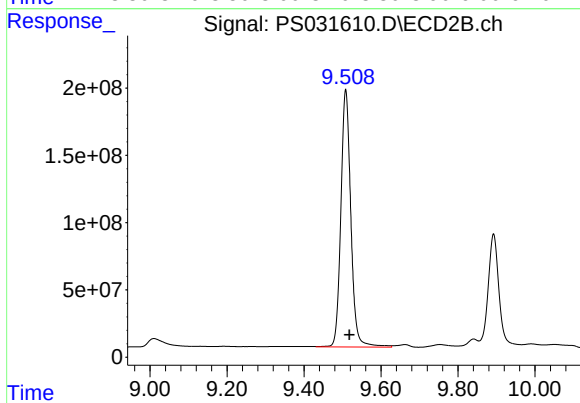
#9 2,4-D

R.T.: 9.010 min
Delta R.T.: 0.005 min
Response: 172135448
Conc: 120.60 ng/ml



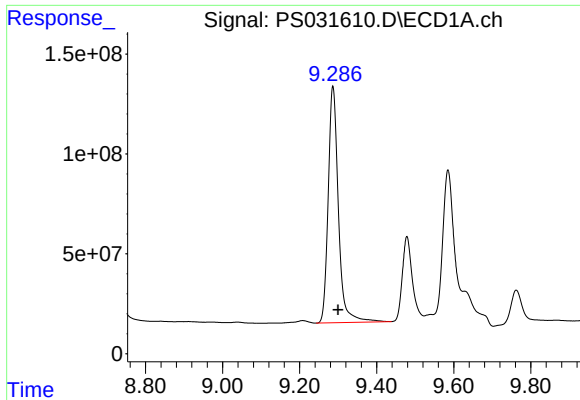
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.014 min
Response: 5296281422
Conc: 110.31 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.010 min
Response: 3426553167
Conc: 98.38 ng/ml



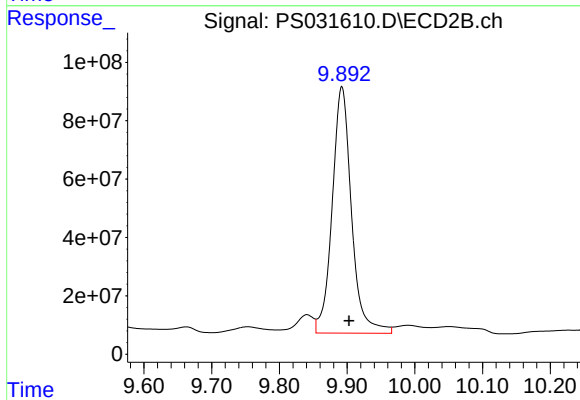
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 2183887398
Conc: 121.84 ng/ml

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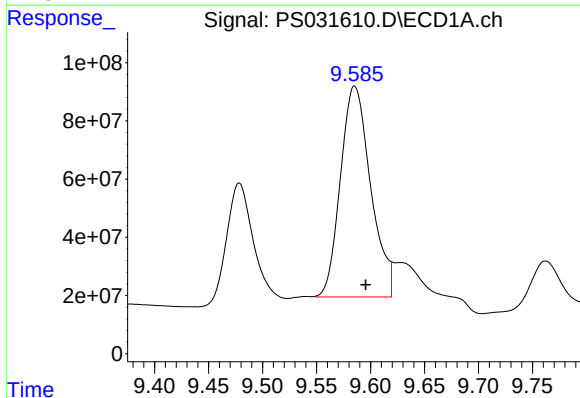
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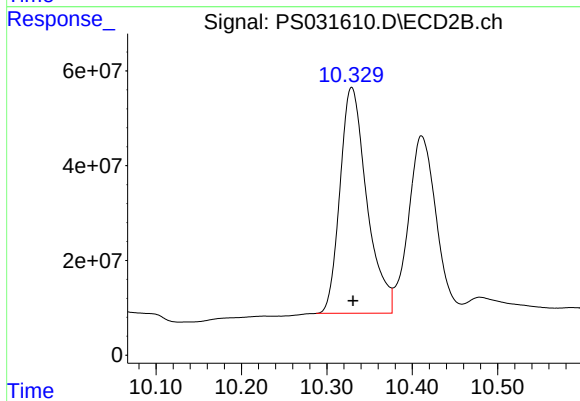
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 1675962070
Conc: 127.78 ng/ml



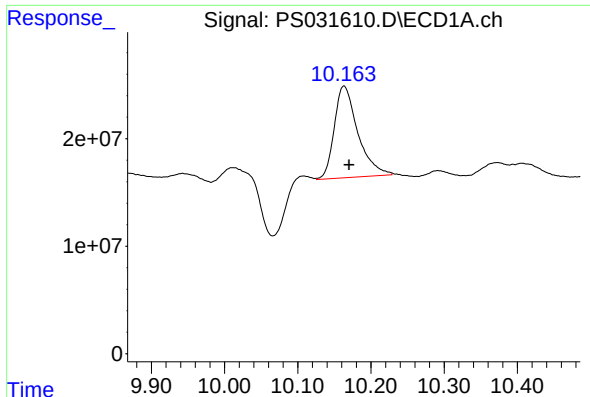
#12 2,4,5-T

R.T.: 9.585 min
Delta R.T.: -0.011 min
Response: 1414212752
Conc: 96.53 ng/ml m



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 1041755634
Conc: 87.99 ng/ml m



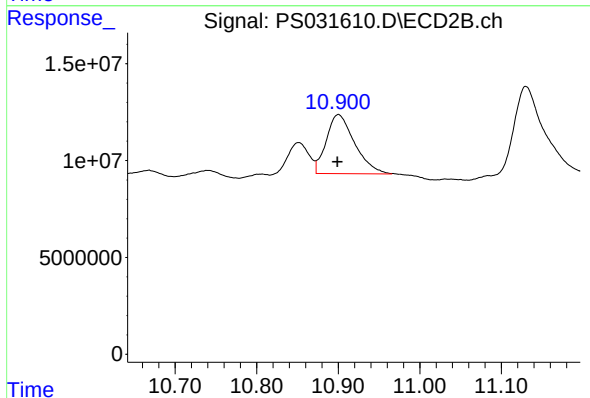
#13 2,4-DB

R.T.: 10.163 min
Delta R.T.: -0.007 min
Response: 190956164
Conc: 99.37 ng/ml

Instrument :
ECD_S
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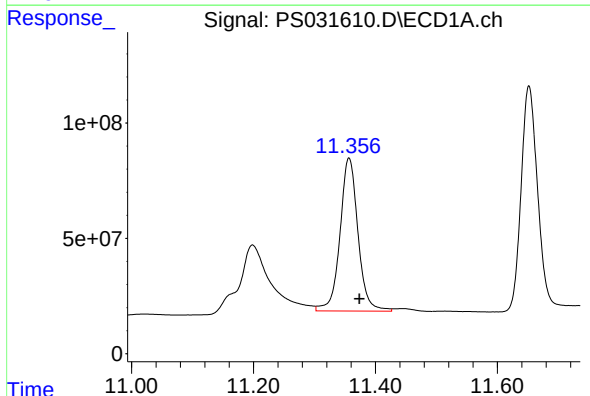
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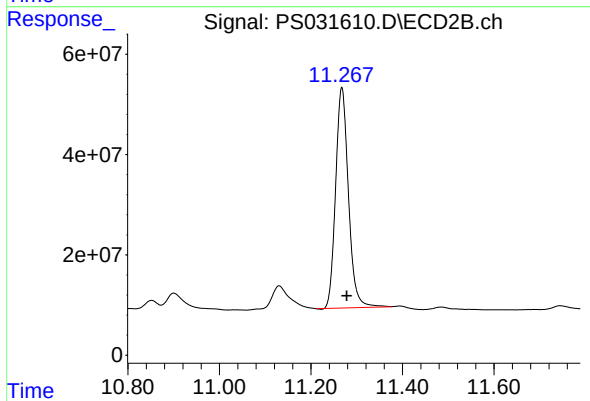
#13 2,4-DB

R.T.: 10.900 min
Delta R.T.: 0.000 min
Response: 73617660
Conc: 76.30 ng/ml m



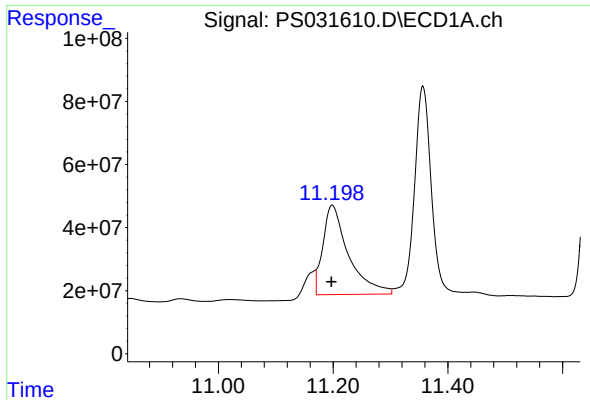
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: -0.017 min
Response: 1360138459
Conc: 107.28 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: -0.011 min
Response: 853370070
Conc: 90.24 ng/ml



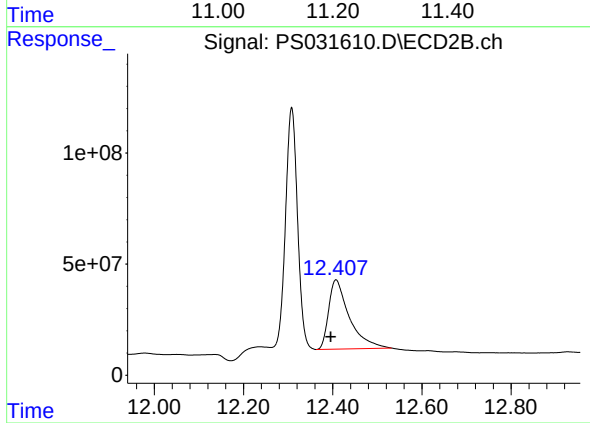
#15 Picloram

R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 876591589
Conc: 67.15 ng/ml

Instrument :
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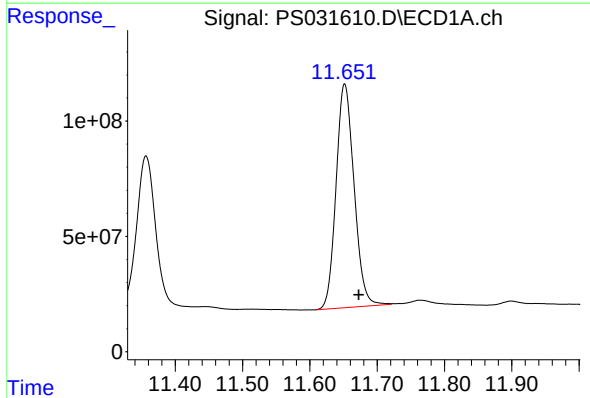
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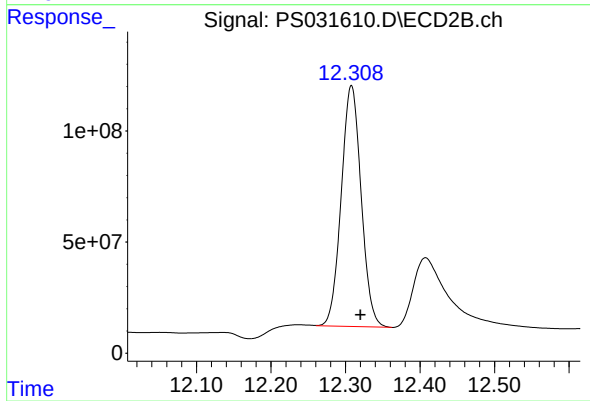
#15 Picloram

R.T.: 12.408 min
Delta R.T.: 0.012 min
Response: 999188291
Conc: 57.00 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.022 min
Response: 1805330429
Conc: 79.25 ng/ml m



#16 DCPA

R.T.: 12.308 min
Delta R.T.: -0.012 min
Response: 2015237363
Conc: 102.29 ng/ml m