

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061225\
 Data File : PS030661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 00:26
 Operator : AR\AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 06:18:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.355	7.767	1742.0E6	534.7E6	461.438	497.071
Target Compounds							
1) T	Dalapon	2.696	2.689	236.7E6	1854.5E6	41.924m	676.822 #
2) T	3,5-DICHL...	6.513	6.713	464.0E6	174.8E6	85.504	111.742 #
3) T	4-Nitroph...	7.154	7.299	157.0E6	143.0E6	85.603	91.264
5) T	DICAMBA	7.545	7.971	1413.3E6	619.0E6	91.636	96.098m
6) T	MCP	7.723f	8.066	58846859	11828356	5.941m	5.117
7) T	MCPA	7.874f	8.313	74657541	19174908	5.883m	6.214m
8) T	DICHLORPROP	8.260	8.690	443.0E6	175.1E6	121.779	118.006
9) T	2,4-D	8.493	9.025	407.6E6	190.6E6	111.859	121.235m
10) T	Pentachlo...	8.800	9.552	5662.4E6	3717.4E6	111.494m	102.867
11) T	2,4,5-TP ...	9.382	9.932	2237.6E6	1476.5E6	108.279	107.645
12) T	2,4,5-T	9.677	10.358	1698.6E6	1459.2E6	92.160	111.754
13) T	2,4-DB	10.257	10.926	230.9E6	116.9E6	76.031m	101.712 #
14) T	DINOSEB	11.477	11.311	1336.7E6	910.5E6	92.988m	90.592
15) T	Picloram	11.282	12.419	1645.1E6	1915.9E6	82.233m	86.758
16) T	DCPA	11.770f	12.355	1919.7E6	2022.1E6	72.605	98.818 #

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

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Acq On : 13 Jun 2025 00:26
Operator : AR\AJ
Sample : Q2126-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

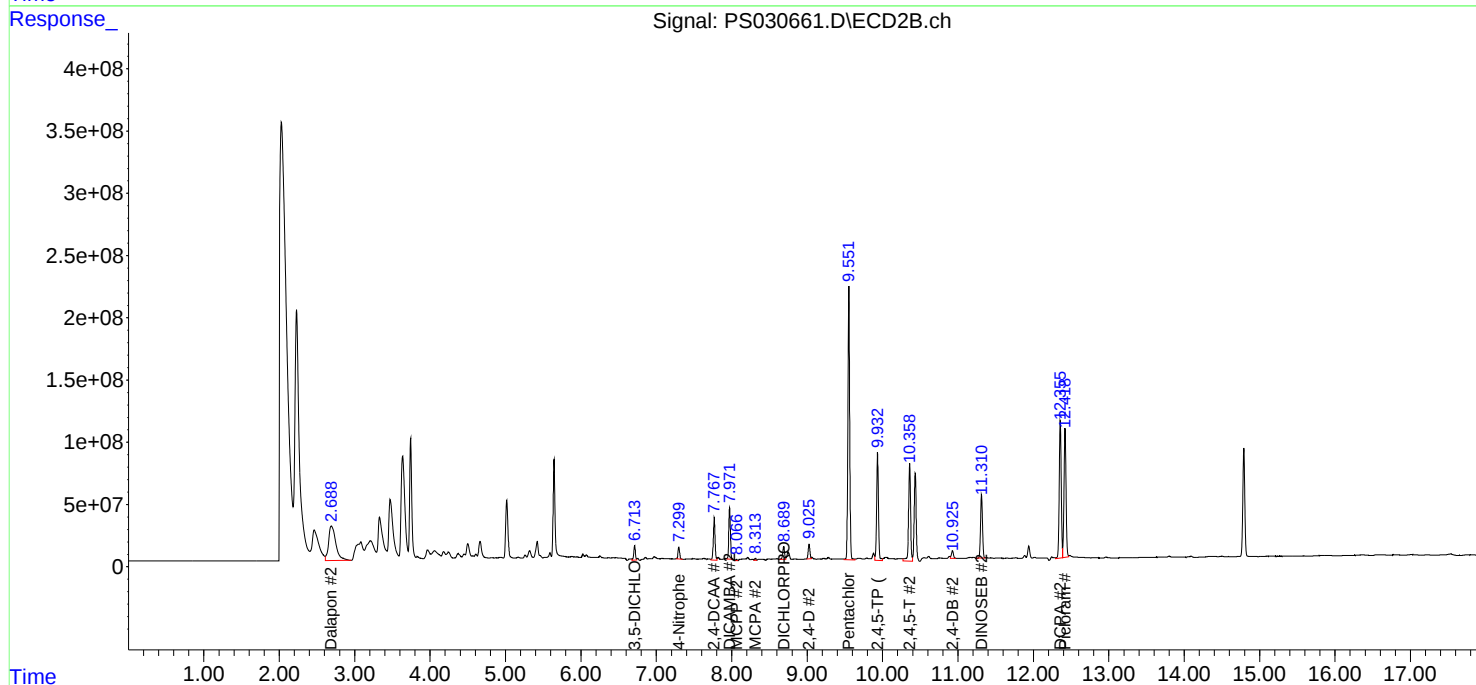
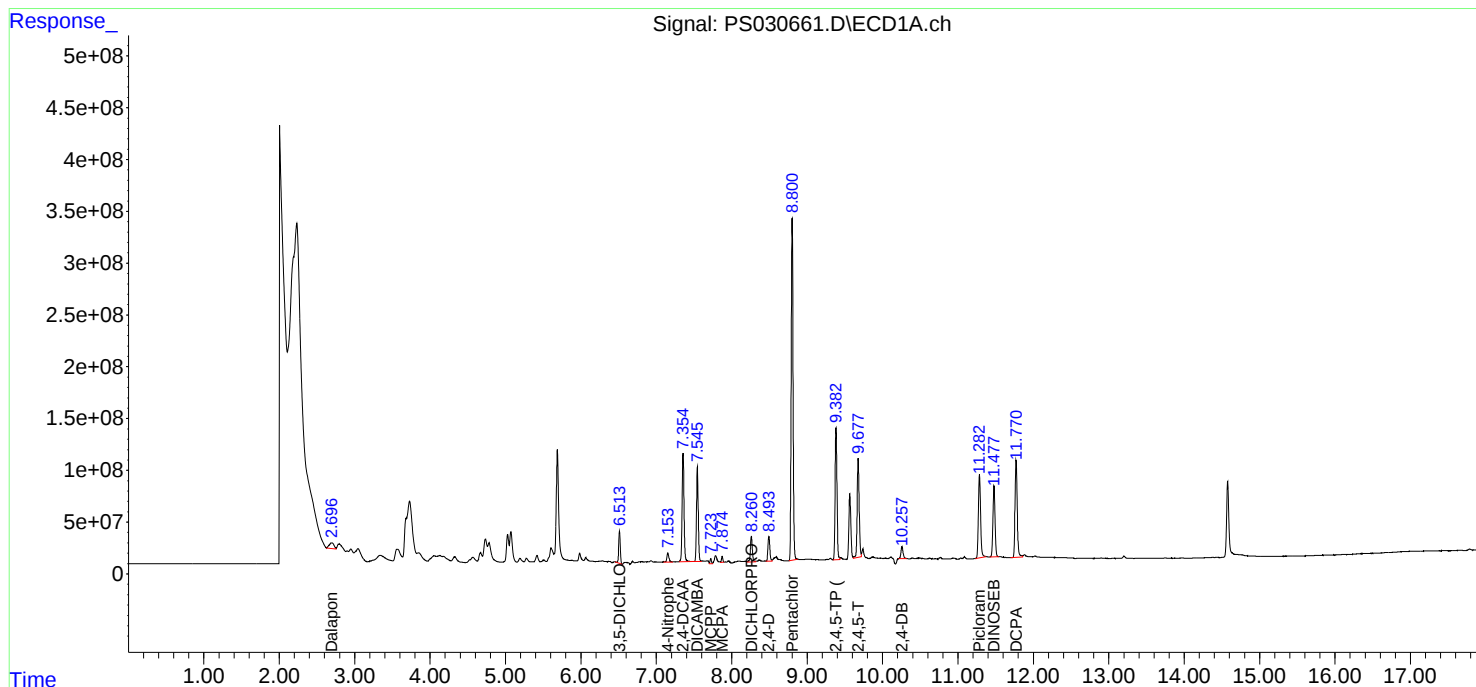
Instrument :
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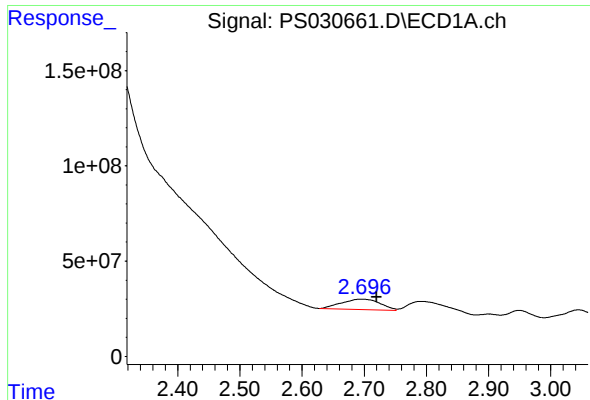
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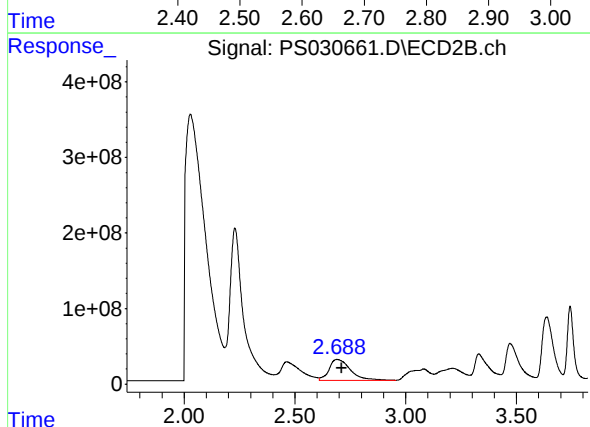
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: -0.024 min
Response: 236745718
Conc: 41.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

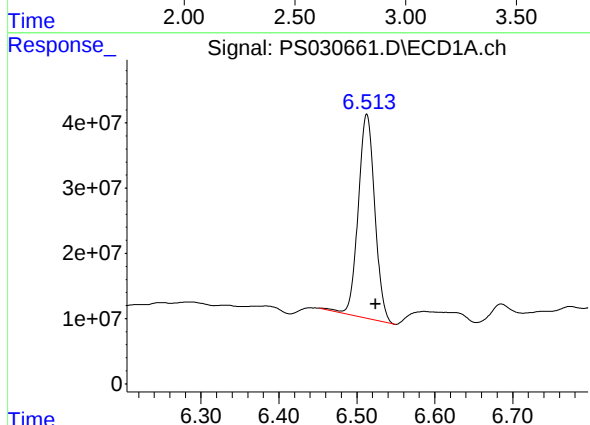
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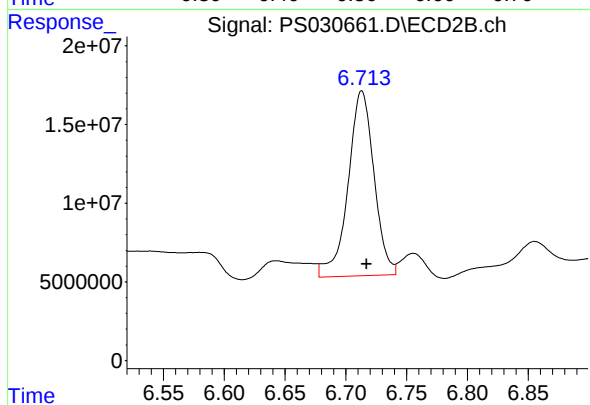
#1 Dalapon

R.T.: 2.689 min
Delta R.T.: -0.021 min
Response: 1854501493
Conc: 676.82 ng/ml



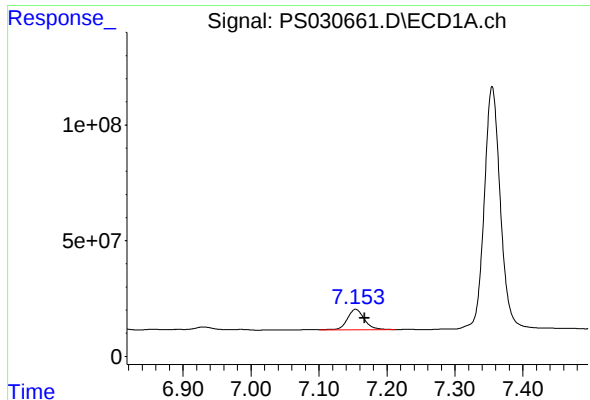
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 463975844
Conc: 85.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 174792484
Conc: 111.74 ng/ml



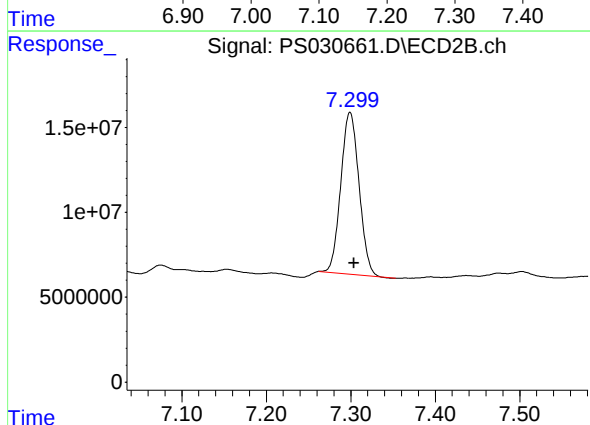
#3 4-Nitrophenol

R.T.: 7.154 min
Delta R.T.: -0.013 min
Response: 156974874
Conc: 85.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
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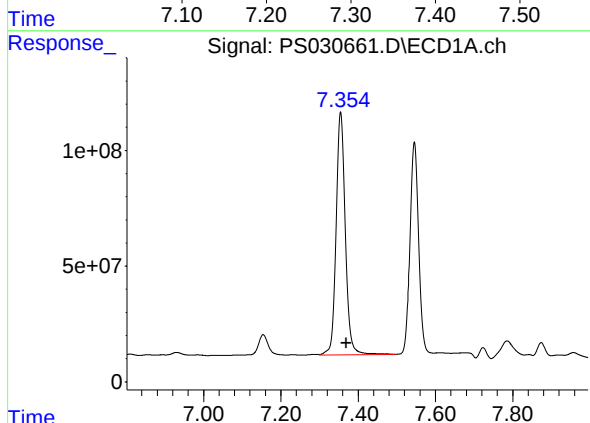
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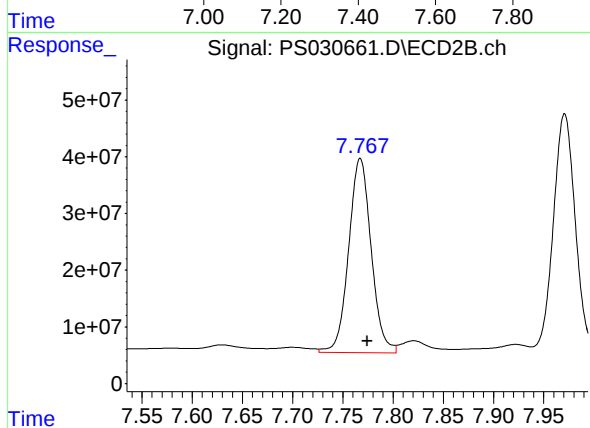
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 143032346
Conc: 91.26 ng/ml



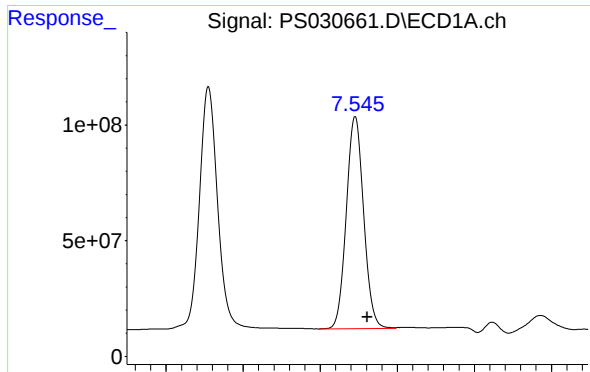
#4 2,4-DCAA

R.T.: 7.355 min
Delta R.T.: -0.014 min
Response: 1741995939
Conc: 461.44 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 534654757
Conc: 497.07 ng/ml



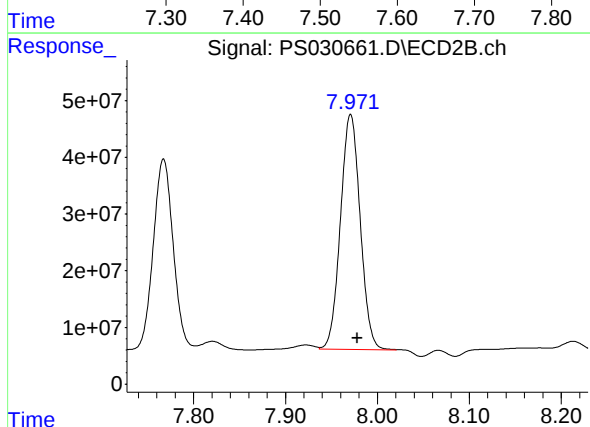
#5 DICAMBA

R.T.: 7.545 min
Delta R.T.: -0.016 min
Response: 1413252960
Conc: 91.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

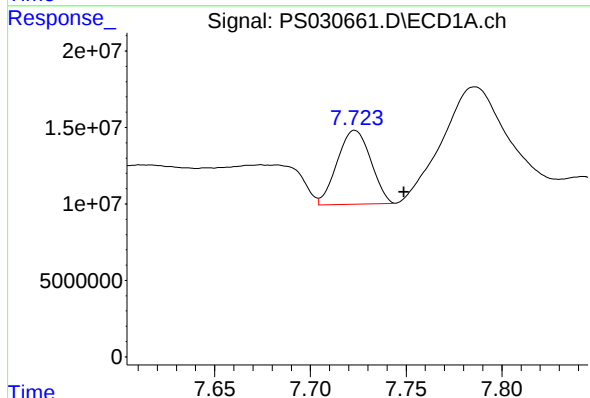
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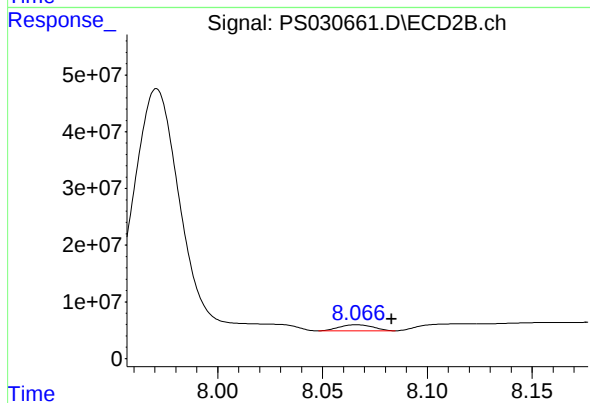
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.008 min
Response: 619027807
Conc: 96.10 ng/ml



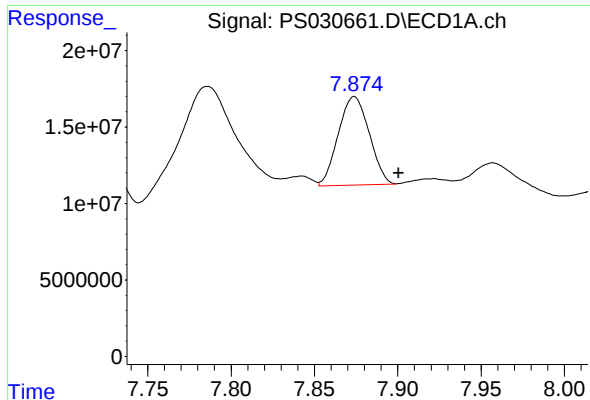
#6 MCPP

R.T.: 7.723 min
Delta R.T.: -0.026 min
Response: 58846859
Conc: 5.94 ug/ml



#6 MCPP

R.T.: 8.066 min
Delta R.T.: -0.017 min
Response: 11828356
Conc: 5.12 ug/ml



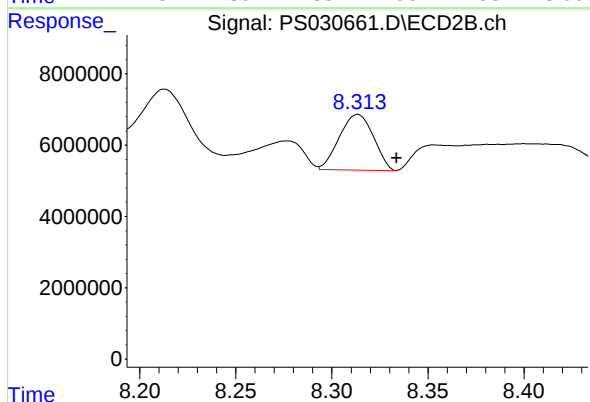
#7 MCPA

R.T.: 7.874 min
Delta R.T.: -0.027 min
Response: 74657541
Conc: 5.88 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

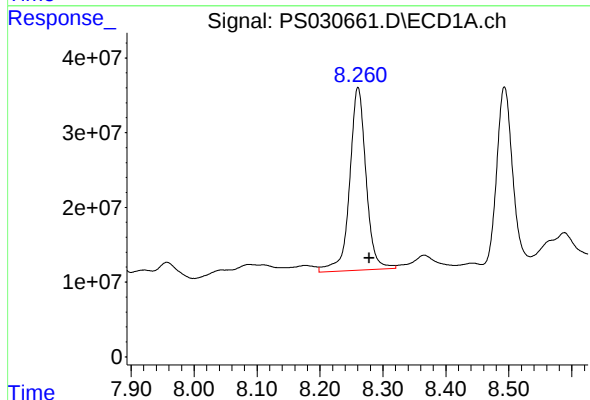
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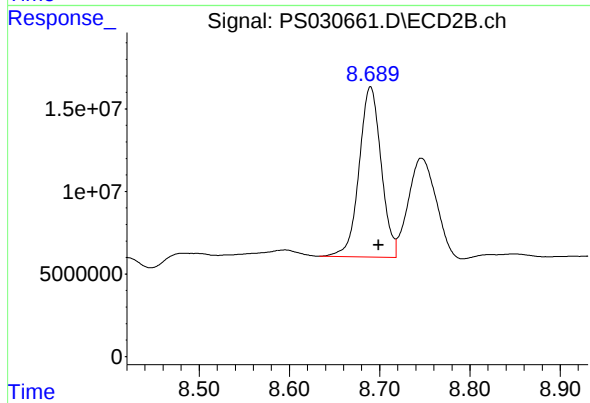
#7 MCPA

R.T.: 8.313 min
Delta R.T.: -0.021 min
Response: 19174908
Conc: 6.21 ug/ml m



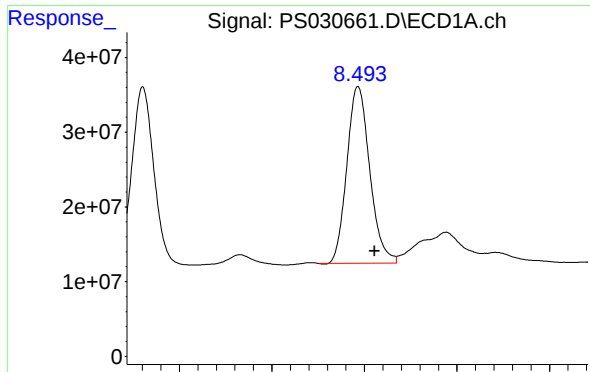
#8 DICHLORPROP

R.T.: 8.260 min
Delta R.T.: -0.018 min
Response: 443049715
Conc: 121.78 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 175145405
Conc: 118.01 ng/ml



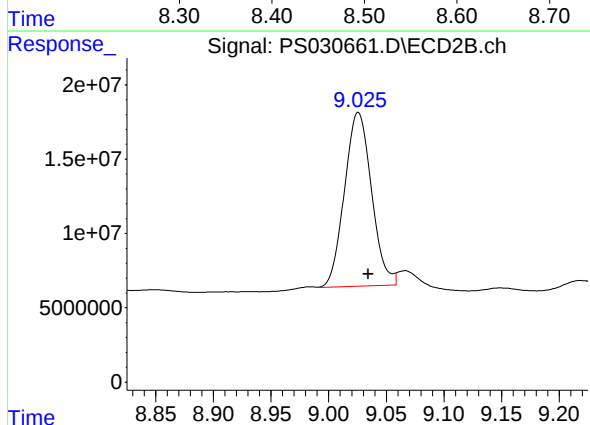
#9 2,4-D

R.T.: 8.493 min
Delta R.T.: -0.018 min
Response: 407569579
Conc: 111.86 ng/ml

Instrument :
ECD_S
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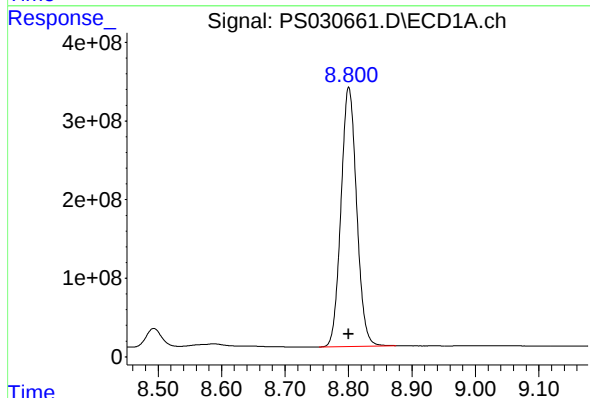
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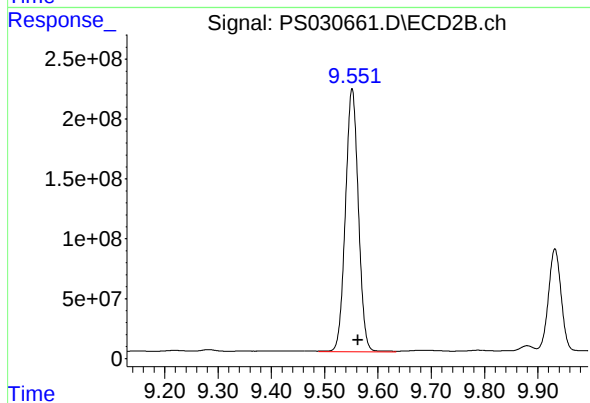
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.009 min
Response: 190619782
Conc: 121.23 ng/ml



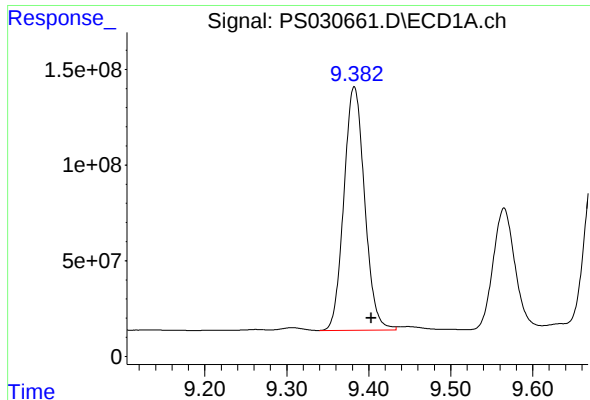
#10 Pentachlorophenol

R.T.: 8.800 min
Delta R.T.: 0.000 min
Response: 5662377735
Conc: 111.49 ng/ml



#10 Pentachlorophenol

R.T.: 9.552 min
Delta R.T.: -0.011 min
Response: 3717400322
Conc: 102.87 ng/ml



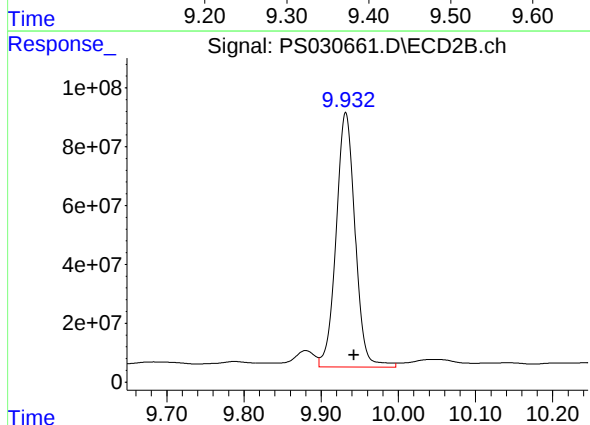
#11 2,4,5-TP (SILVEX)

R.T.: 9.382 min
Delta R.T.: -0.021 min
Response: 2237595179
Conc: 108.28 ng/ml

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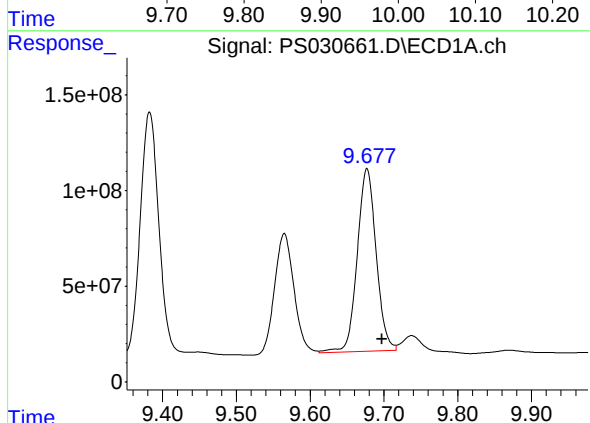
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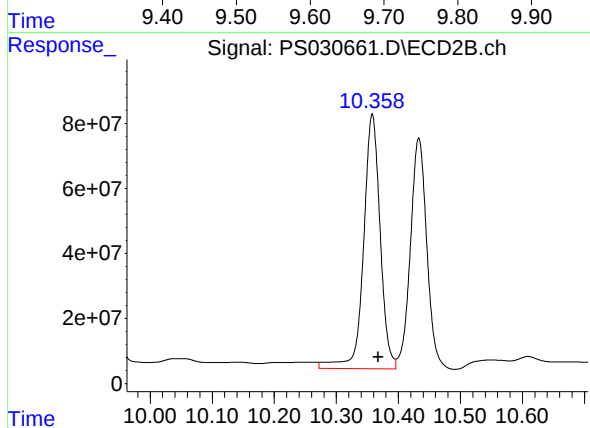
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.010 min
Response: 1476537706
Conc: 107.64 ng/ml



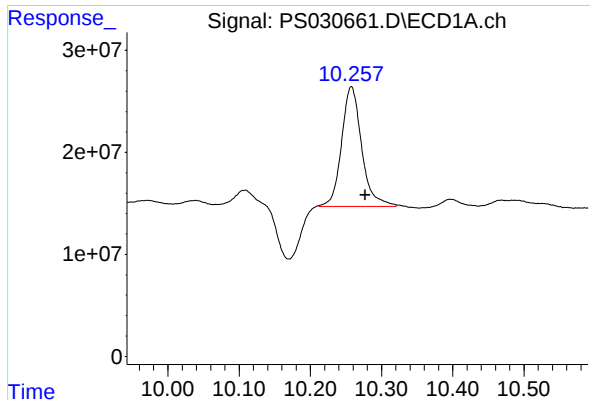
#12 2,4,5-T

R.T.: 9.677 min
Delta R.T.: -0.020 min
Response: 1698607568
Conc: 92.16 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: -0.010 min
Response: 1459186177
Conc: 111.75 ng/ml



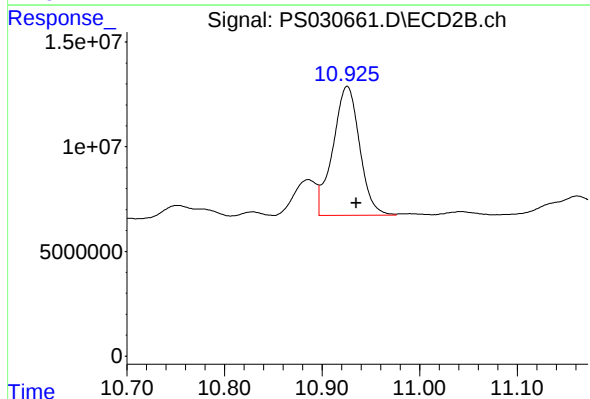
#13 2,4-DB

R.T.: 10.257 min
Delta R.T.: -0.020 min
Response: 230858994
Conc: 76.03 ng/ml

Instrument :
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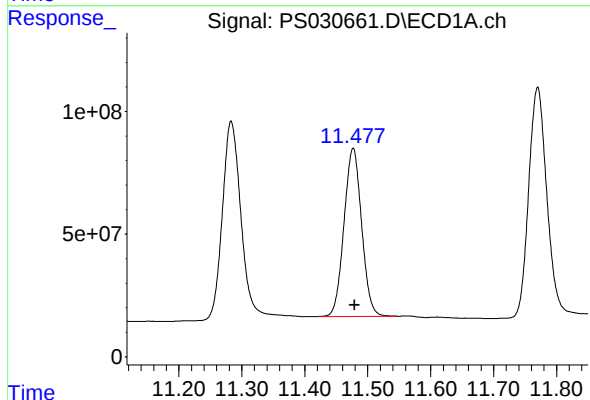
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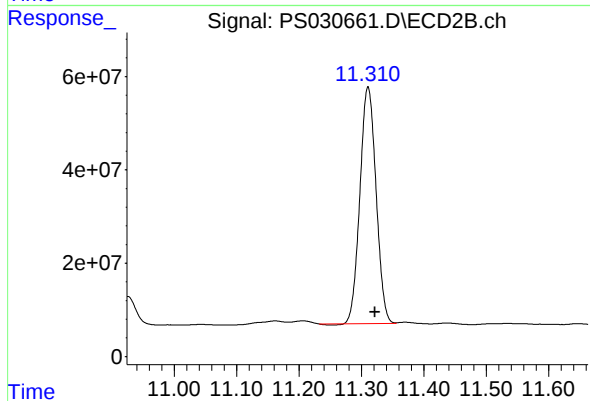
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: -0.009 min
Response: 116923055
Conc: 101.71 ng/ml



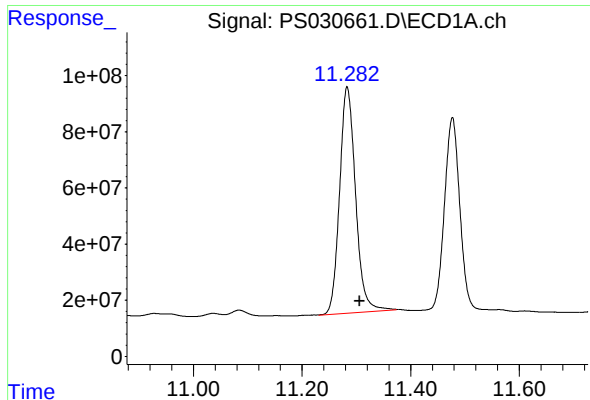
#14 DINOSEB

R.T.: 11.477 min
Delta R.T.: -0.002 min
Response: 1336694796
Conc: 92.99 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.011 min
Response: 910463916
Conc: 90.59 ng/ml



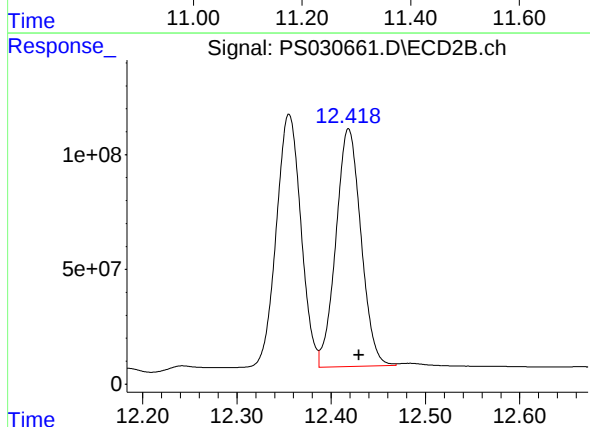
#15 Picloram

R.T.: 11.282 min
Delta R.T.: -0.024 min
Response: 1645064253
Conc: 82.23 ng/ml

Instrument :
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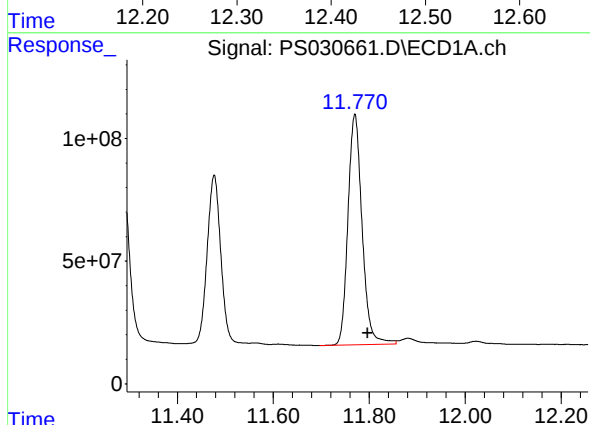
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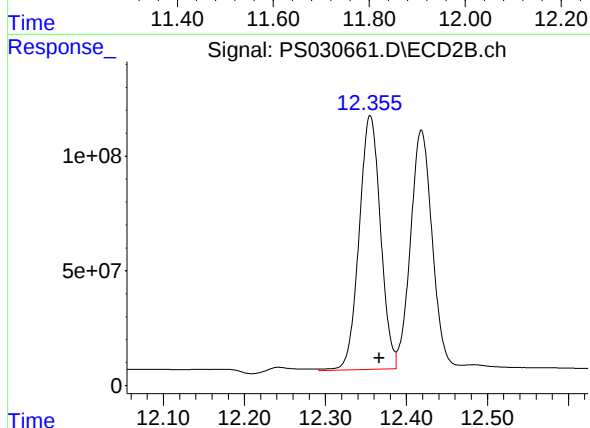
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.011 min
Response: 1915948451
Conc: 86.76 ng/ml



#16 DCPA

R.T.: 11.770 min
Delta R.T.: -0.027 min
Response: 1919681815
Conc: 72.60 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: -0.011 min
Response: 2022100926
Conc: 98.82 ng/ml