

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090425\
 Data File : PS031627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 12:46
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : LOD SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 04:07:15 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	7.286	7.741	1570.9E6	440.0E6	494.915	520.490
Target Compounds							
1) T	Dalapon	2.663	2.663f	229.8E6	968.1E6	43.780m	363.820m#
2) T	3,5-DICHL...	6.455	6.700	458.3E6	118.2E6	97.127	87.435
3) T	4-Nitroph...	7.104	7.318f	75701288	65113506	73.377	51.805 #
5) T	DICAMBA	7.471	7.939	1314.5E6	518.3E6	94.118	91.204m
6) T	MCPD	7.645	8.030	34348797	3659569	4.270	2.070 #
7) T	MCPA	7.795	8.278	52845892	9695068	5.305m	3.456 #
8) T	DICHLORPROP	8.180	8.660	387.1E6	124.6E6	122.007	93.363
9) T	2,4-D	8.422	9.011	388.5E6	167.6E6	135.060	117.449
10) T	Pentachlo...	8.710	9.509	5265.8E6	3452.7E6	109.676	99.134
11) T	2,4,5-TP ...	9.288	9.892	2125.6E6	1576.5E6	118.591	120.200m
12) T	2,4,5-T	9.587	10.329	1328.6E6	1030.9E6	90.679m	87.071m
13) T	2,4-DB	10.166	10.899	182.8E6	66297753	95.124m	68.713m#
14) T	DINOSEB	11.358	11.267	1258.8E6	797.3E6	99.284	84.309
15) T	Picloram	11.202	12.407	902.5E6	929.5E6	69.135m	53.026
16) T	DCPA	11.652	12.308	1794.8E6	2103.7E6	78.790m	106.783m#

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

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Misc : LOD SOIL
ALS Vial : 7 Sample Multiplier: 1

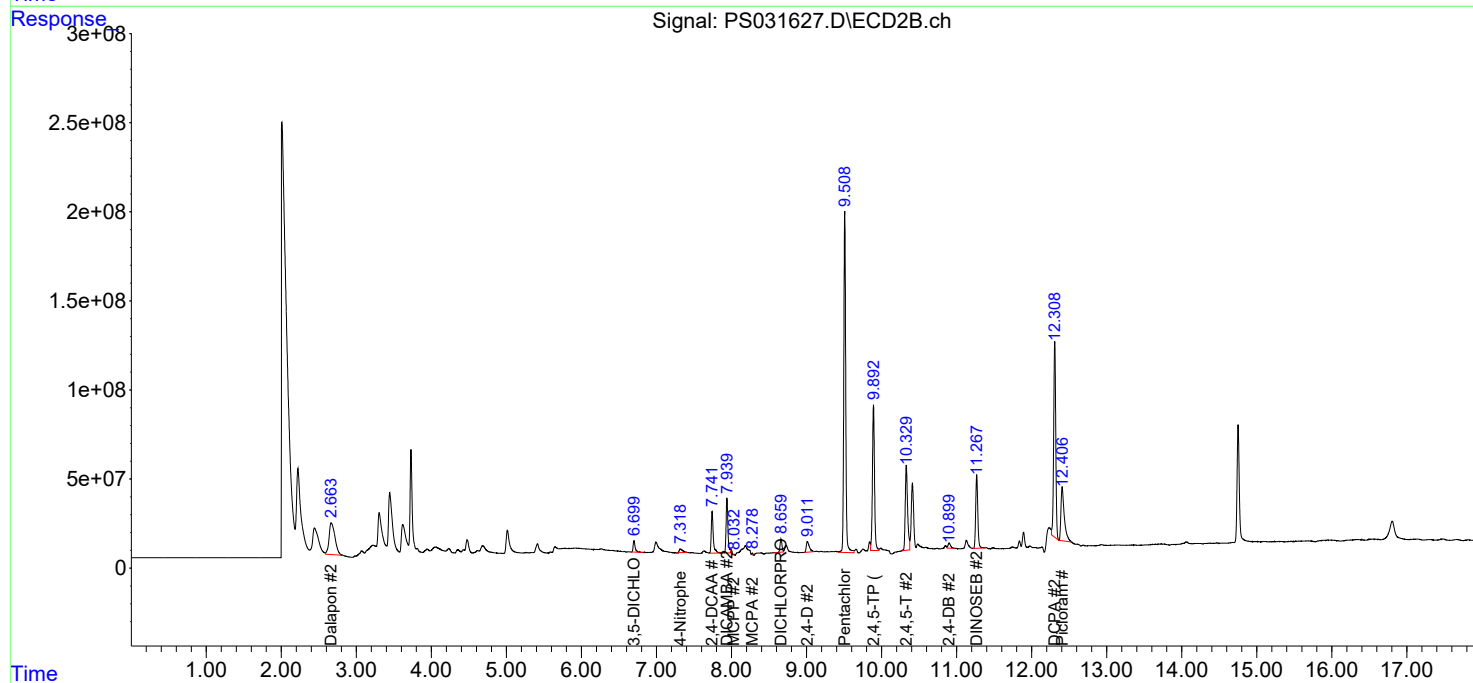
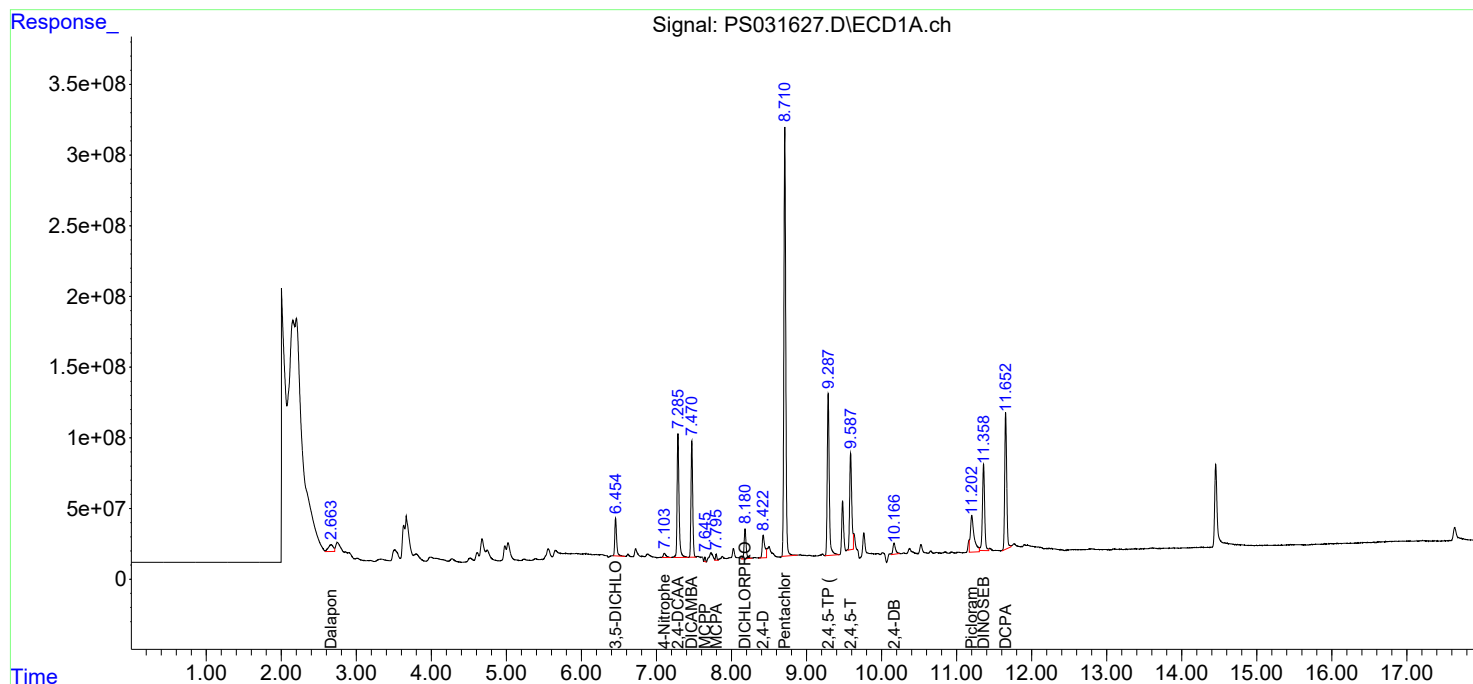
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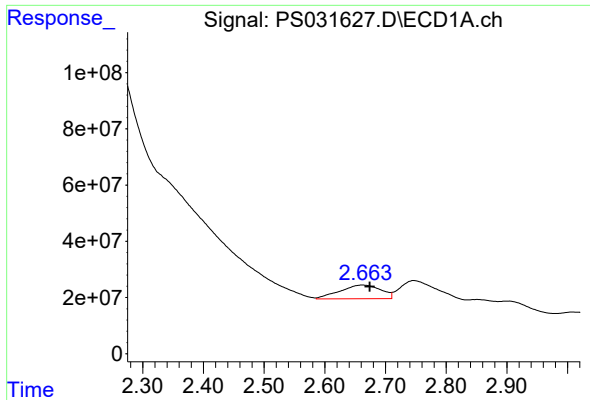
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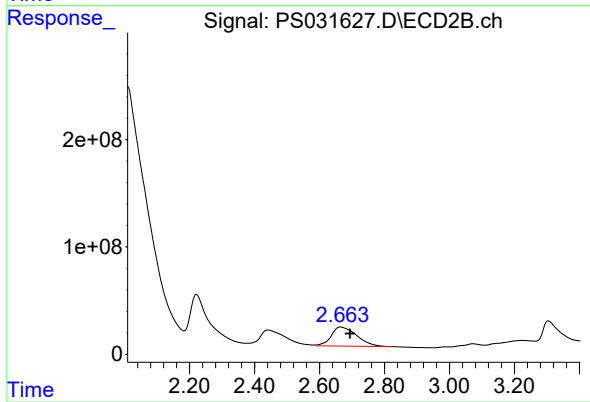
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.011 min
Response: 229795858
Conc: 43.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
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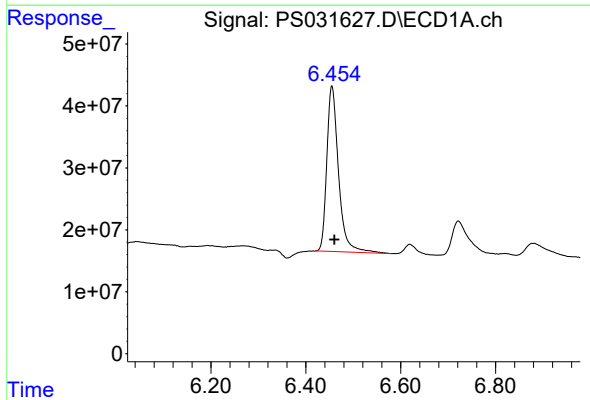
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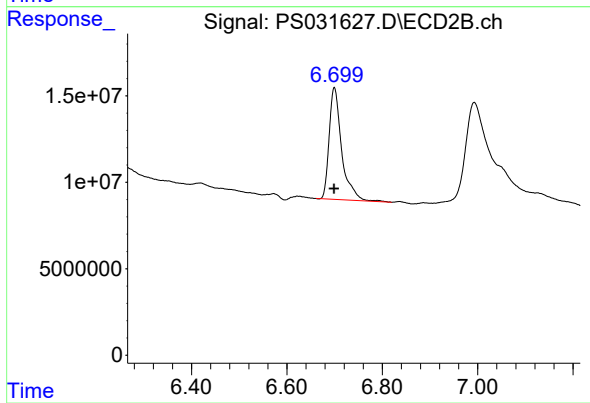
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.032 min
Response: 968130222
Conc: 363.82 ng/ml m



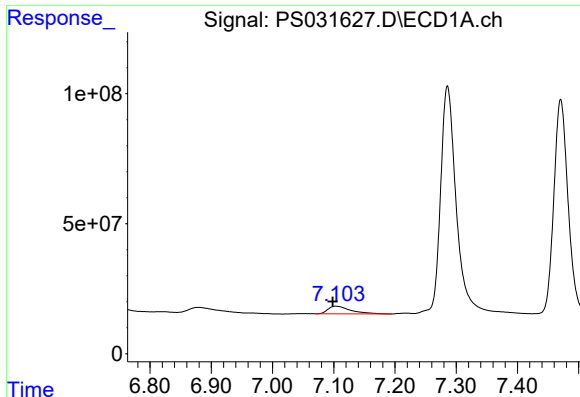
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: -0.006 min
Response: 458277525
Conc: 97.13 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 118205667
Conc: 87.43 ng/ml



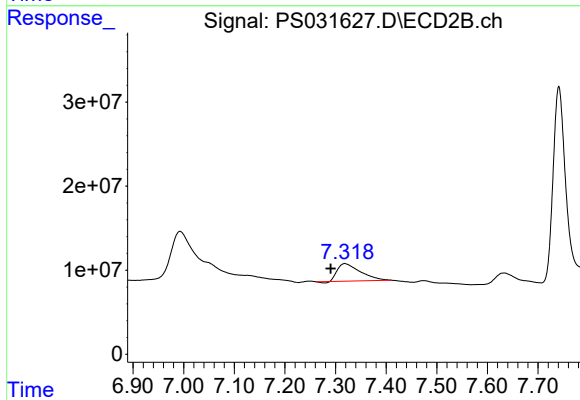
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: 0.005 min
Response: 75701288
Conc: 73.38 ng/ml

Instrument :
ECD_S
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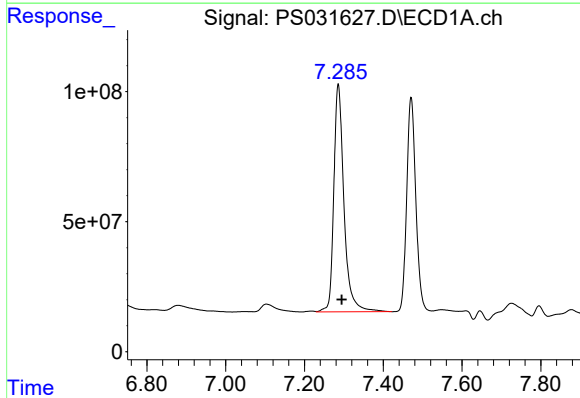
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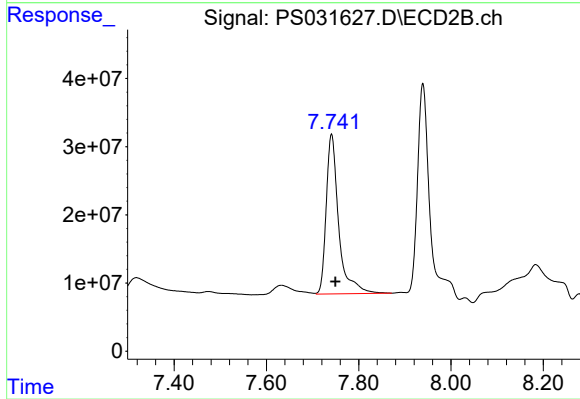
#3 4-Nitrophenol

R.T.: 7.318 min
Delta R.T.: 0.028 min
Response: 65113506
Conc: 51.81 ng/ml



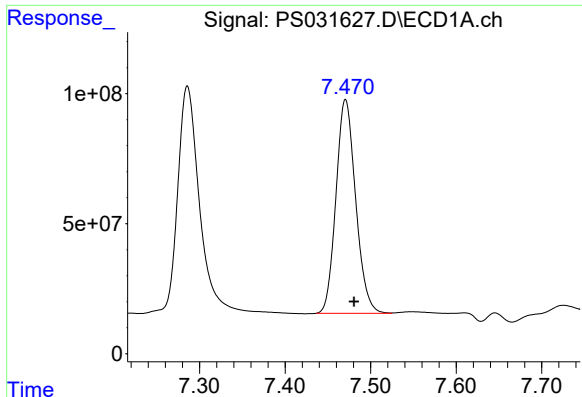
#4 2,4-DCAA

R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 1570855514
Conc: 494.92 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: -0.008 min
Response: 439991079
Conc: 520.49 ng/ml



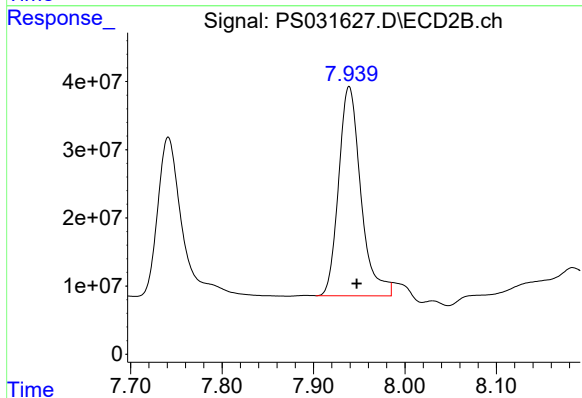
#5 DICAMBA

R.T.: 7.471 min
Delta R.T.: -0.010 min
Response: 1314501777
Conc: 94.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
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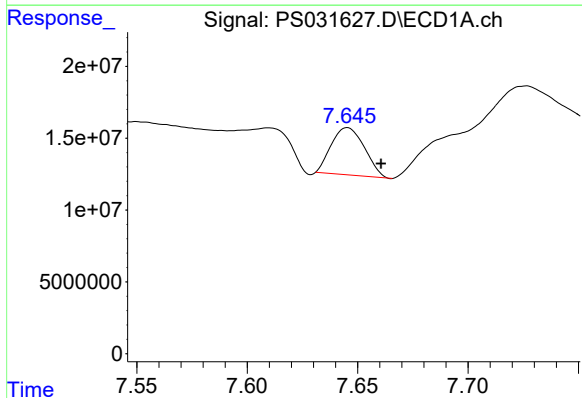
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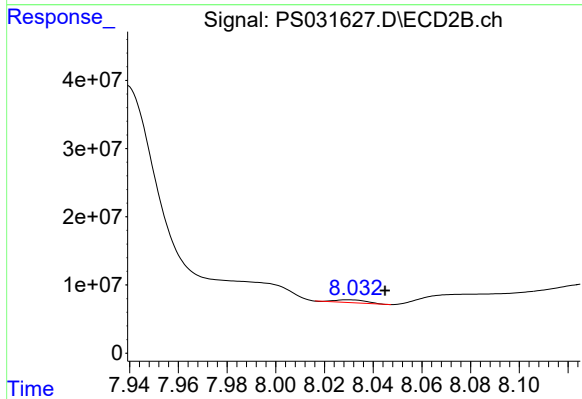
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: -0.009 min
Response: 518284451
Conc: 91.20 ng/ml m



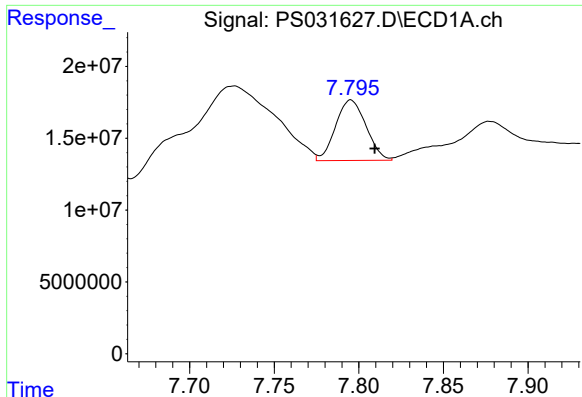
#6 MCP

R.T.: 7.645 min
Delta R.T.: -0.015 min
Response: 34348797
Conc: 4.27 ug/ml



#6 MCP

R.T.: 8.030 min
Delta R.T.: -0.015 min
Response: 3659569
Conc: 2.07 ug/ml



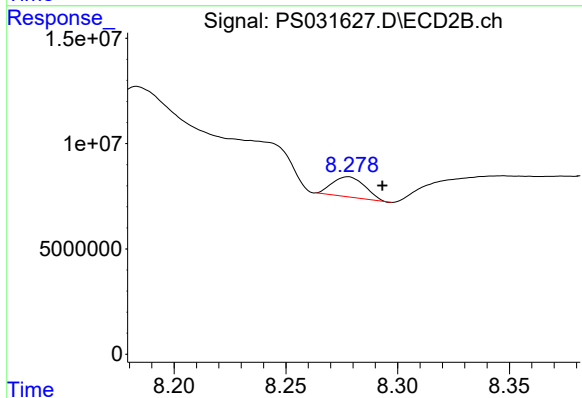
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.014 min
Response: 52845892
Conc: 5.31 ug/ml

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

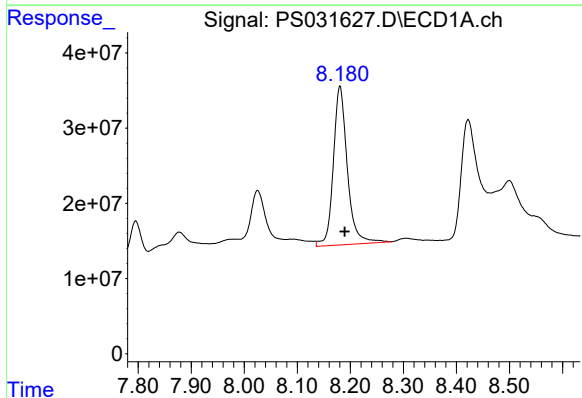
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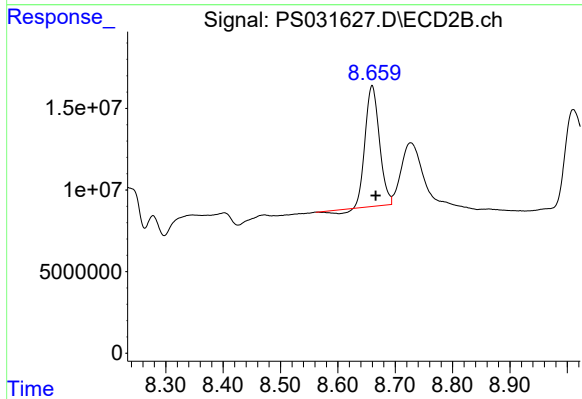
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.016 min
Response: 9695068
Conc: 3.46 ug/ml



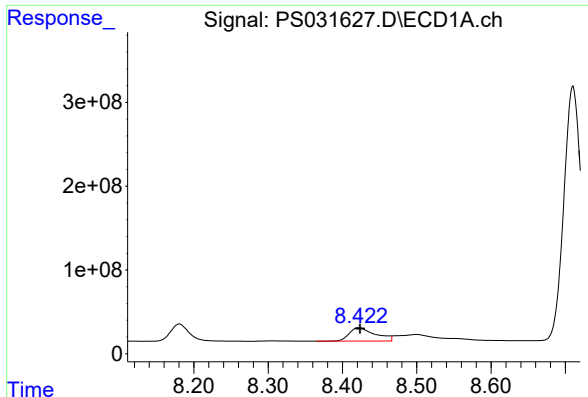
#8 DICHLORPROP

R.T.: 8.180 min
Delta R.T.: -0.009 min
Response: 387057761
Conc: 122.01 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: -0.006 min
Response: 124642110
Conc: 93.36 ng/ml



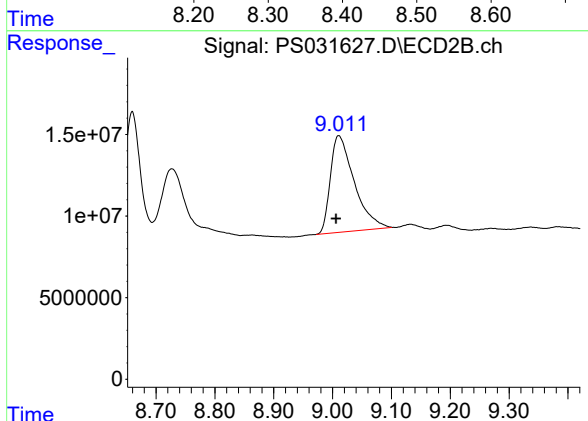
#9 2,4-D

R.T.: 8.422 min
Delta R.T.: -0.002 min
Response: 388543274
Conc: 135.06 ng/ml

Instrument :
ECD_S
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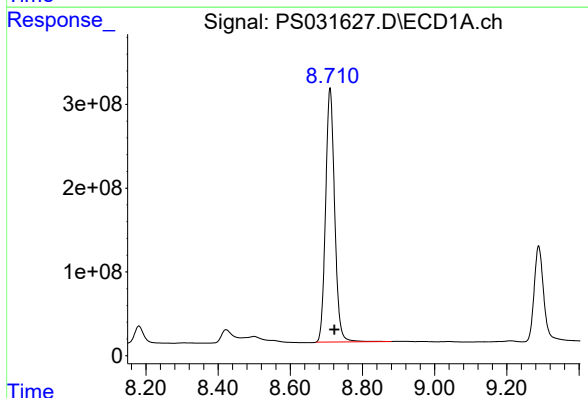
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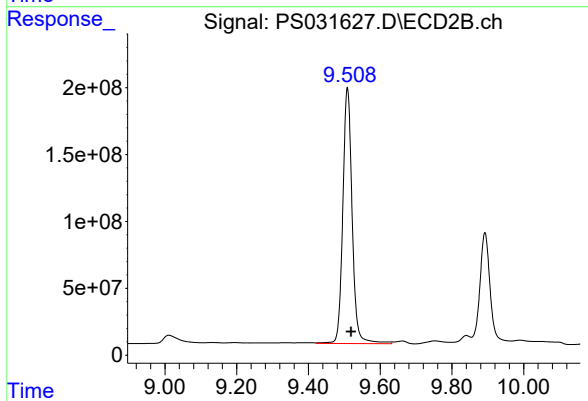
#9 2,4-D

R.T.: 9.011 min
Delta R.T.: 0.005 min
Response: 167632909
Conc: 117.45 ng/ml



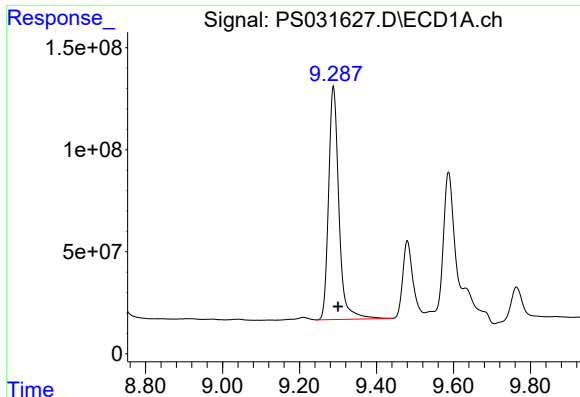
#10 Pentachlorophenol

R.T.: 8.710 min
Delta R.T.: -0.012 min
Response: 5265819437
Conc: 109.68 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: -0.010 min
Response: 3452688670
Conc: 99.13 ng/ml



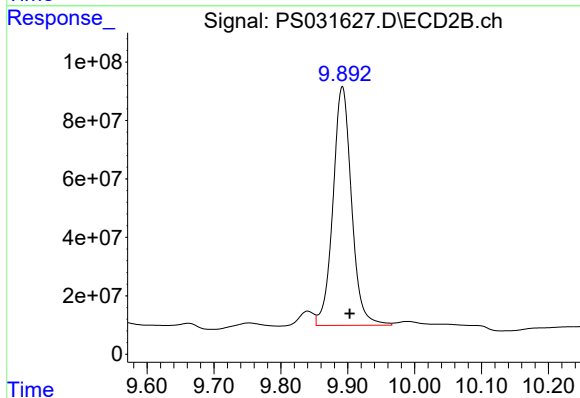
#11 2,4,5-TP (SILVEX)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 2125584632
Conc: 118.59 ng/ml

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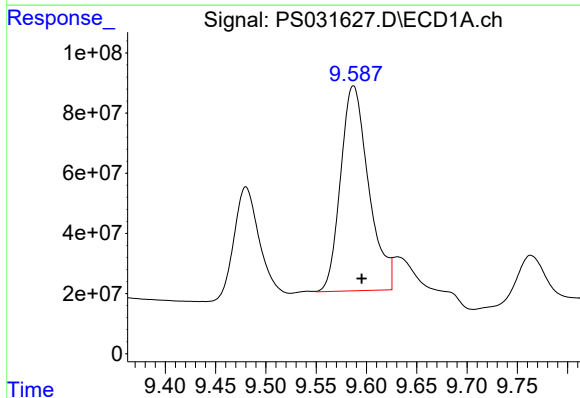
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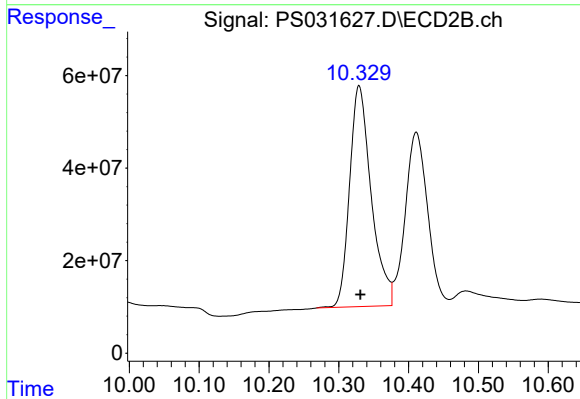
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: -0.011 min
Response: 1576548609
Conc: 120.20 ng/ml m



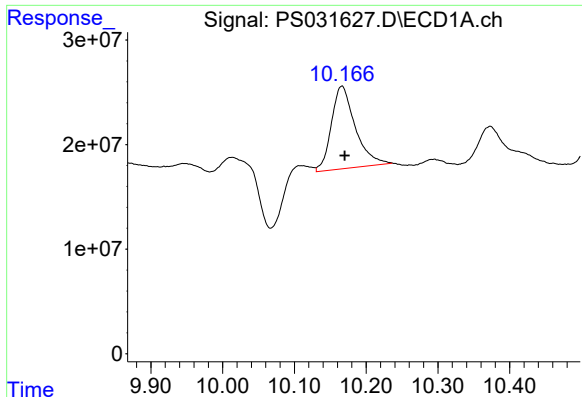
#12 2,4,5-T

R.T.: 9.587 min
Delta R.T.: -0.009 min
Response: 1328552726
Conc: 90.68 ng/ml m



#12 2,4,5-T

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 1030897682
Conc: 87.07 ng/ml m



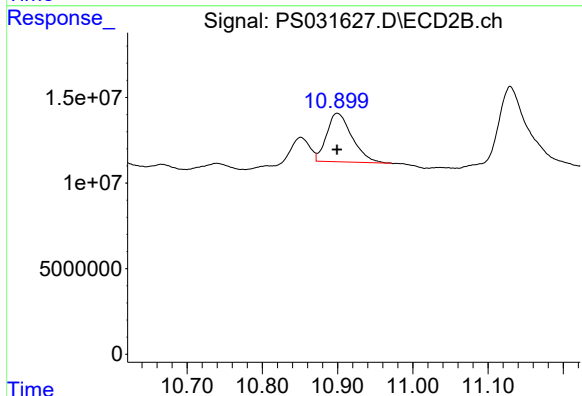
#13 2,4-DB

R.T.: 10.166 min
Delta R.T.: -0.004 min
Response: 182802566
Conc: 95.12 ng/ml

Instrument :
ECD_S
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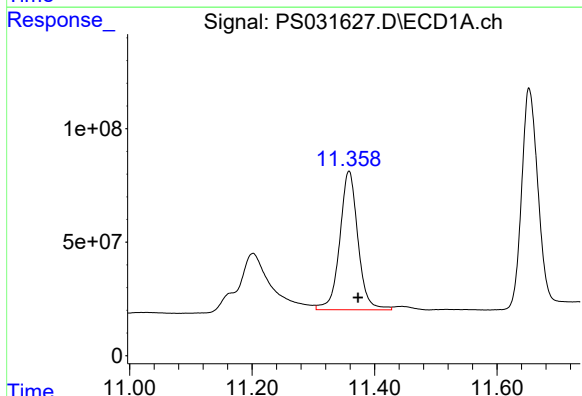
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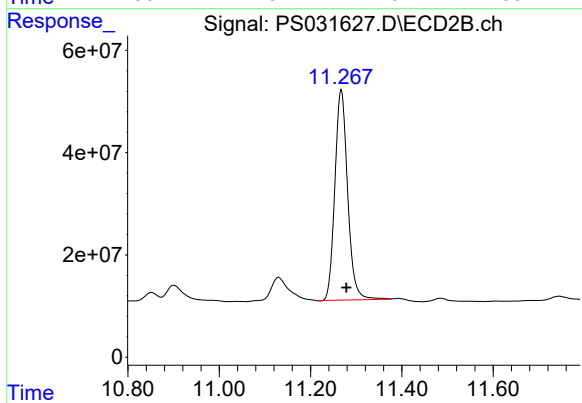
#13 2,4-DB

R.T.: 10.899 min
Delta R.T.: 0.000 min
Response: 66297753
Conc: 68.71 ng/ml m



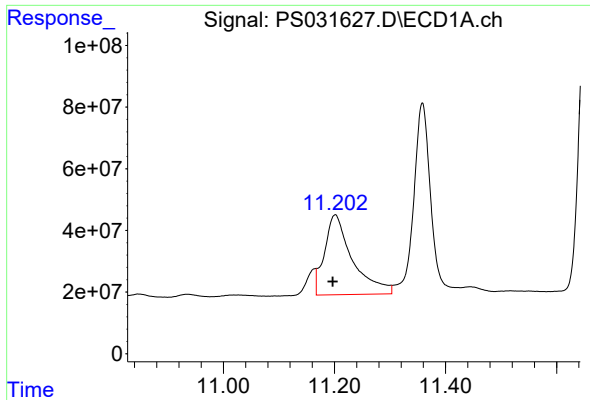
#14 DINOSEB

R.T.: 11.358 min
Delta R.T.: -0.015 min
Response: 1258763837
Conc: 99.28 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: -0.011 min
Response: 797303883
Conc: 84.31 ng/ml



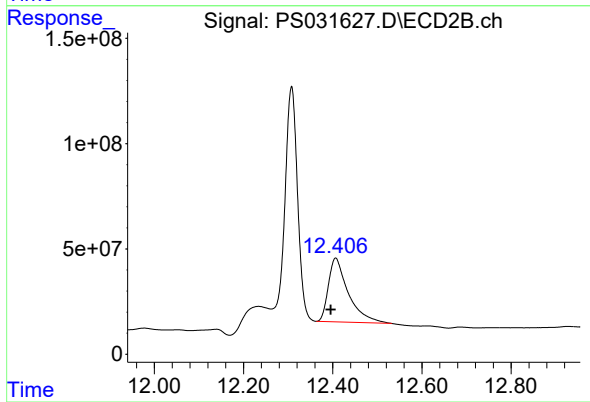
#15 Picloram

R.T.: 11.202 min
Delta R.T.: 0.004 min
Response: 902501140
Conc: 69.14 ng/ml

Instrument :
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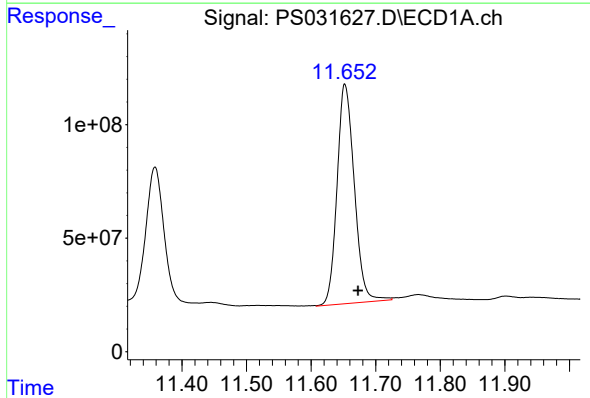
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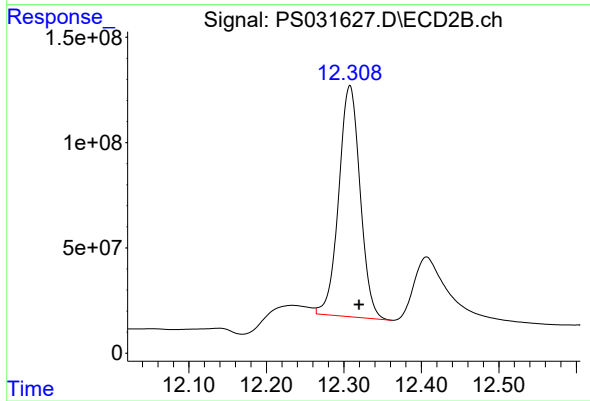
#15 Picloram

R.T.: 12.407 min
Delta R.T.: 0.011 min
Response: 929527864
Conc: 53.03 ng/ml



#16 DCPA

R.T.: 11.652 min
Delta R.T.: -0.021 min
Response: 1794791906
Conc: 78.79 ng/ml m



#16 DCPA

R.T.: 12.308 min
Delta R.T.: -0.012 min
Response: 2103662123
Conc: 106.78 ng/ml m