

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100325\
 Data File : PS031942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2025 12:25
 Operator : AR\AJ
 Sample : Q3257-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ENV2-6FTMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:28:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.281	7.734	1601.6E6	392.6E6	444.713	431.962
Target Compounds							
1) T	Dalapon	2.643f	2.662f	287.7E6	938.0E6	49.761m	332.909m#
2) T	3,5-DICHL...	6.450	6.691	962.7E6	232.2E6	180.499	152.238
3) T	4-Nitroph...	7.099	7.298	298.2E6	89064294	270.330	70.530m#
5) T	DICAMBA	7.464	7.931	2441.9E6	1248.9E6	156.563	191.931
6) T	MCPD	7.640	8.025	118.3E6	15995450	13.237	8.493m#
7) T	MCPA	7.789	8.296	207.0E6	585.0E6	18.627	208.840 #
8) T	DICHLORPROP	8.172	8.651	799.2E6	288.8E6	224.378m	198.511
9) T	2,4-D	8.415	8.994	490.1E6	267.5E6	143.080	162.608m
10) T	Pentachlo...	8.703	9.500	9671.0E6	6079.9E6	182.149	153.183m
11) T	2,4,5-TP ...	9.282	9.885	3711.9E6	3562.6E6	176.979	236.648 #
12) T	2,4,5-T	9.580	10.317	2893.7E6	2483.6E6	158.140m	184.559
13) T	2,4-DB	10.159	10.887	399.4E6	148.3E6	171.206m	138.622m
14) T	DINOSEB	11.349	11.257	1663.3E6	1510.5E6	115.327	155.390m#
15) T	Picloram	11.184	12.383	2693.1E6	3465.9E6	149.522m	146.344
16) T	DCPA	11.644	12.299	3856.9E6	5271.3E6	143.114m	218.689 #

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

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Acq On : 03 Oct 2025 12:25
Operator : AR\AJ
Sample : Q3257-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

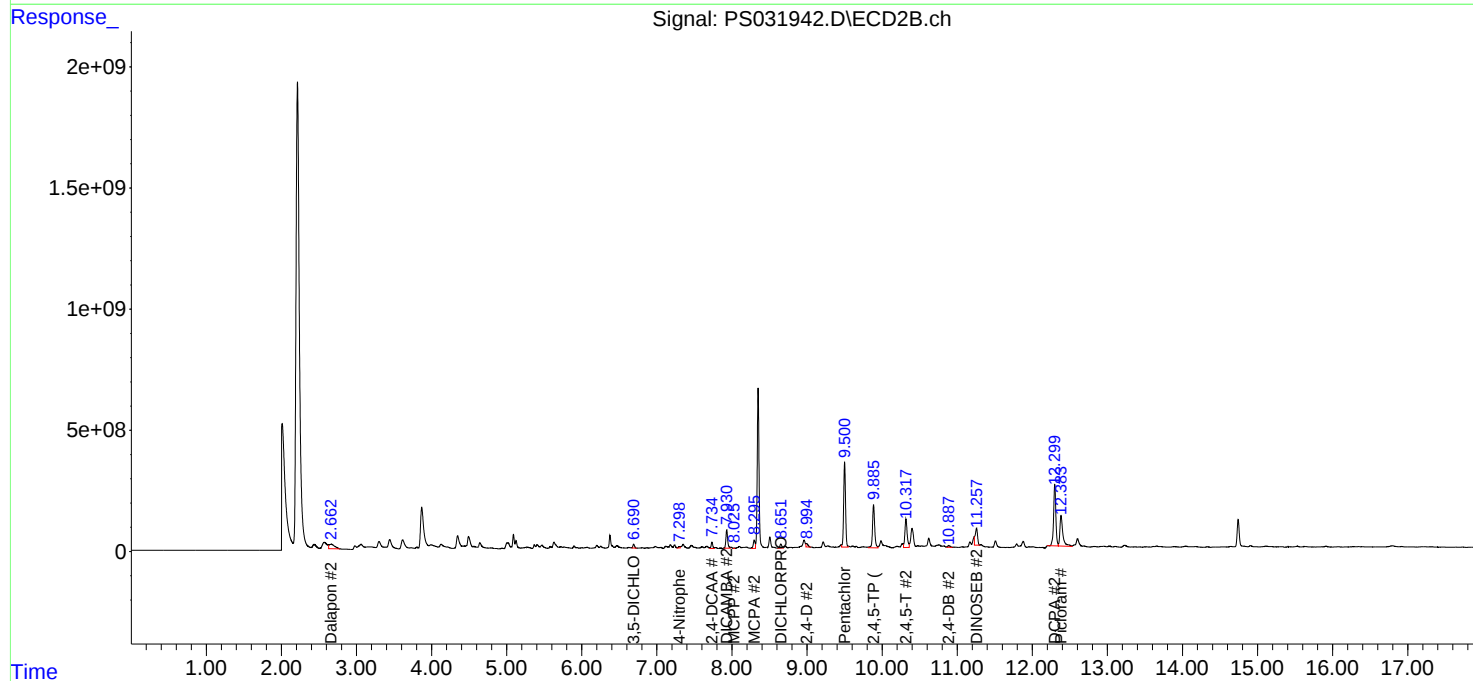
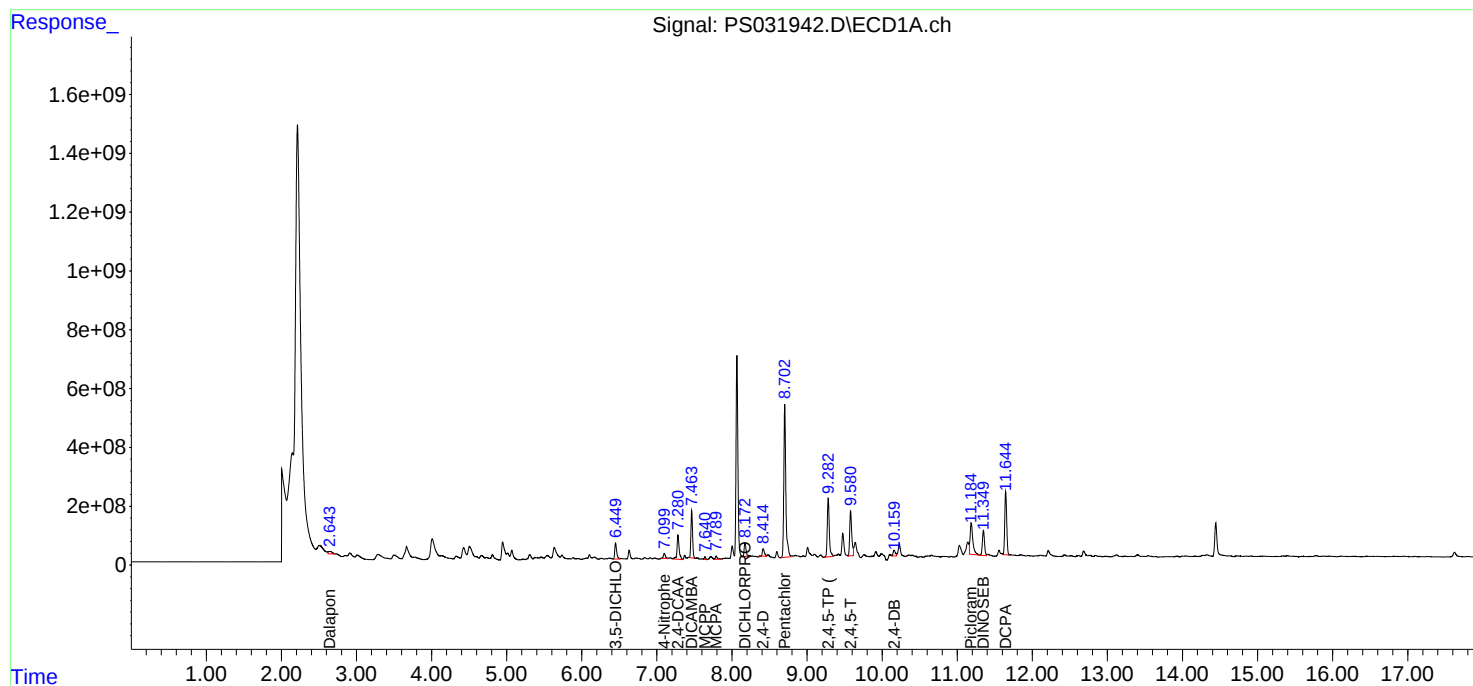
Instrument :
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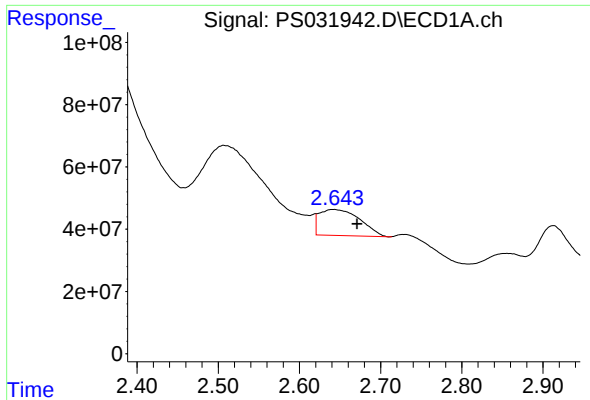
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Integration File signal 1: autoint1.e
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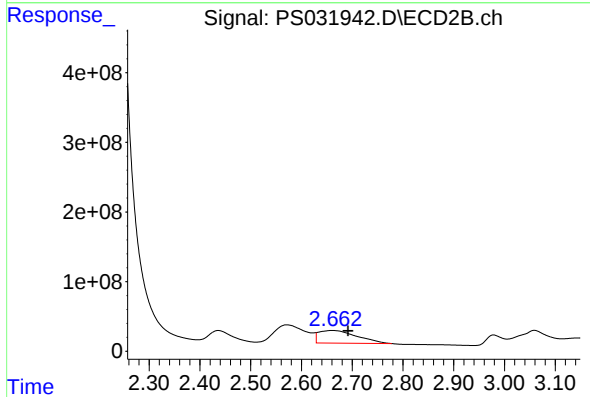
#1 Dalapon

R.T.: 2.643 min
Delta R.T.: -0.028 min
Response: 287652852
Conc: 49.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

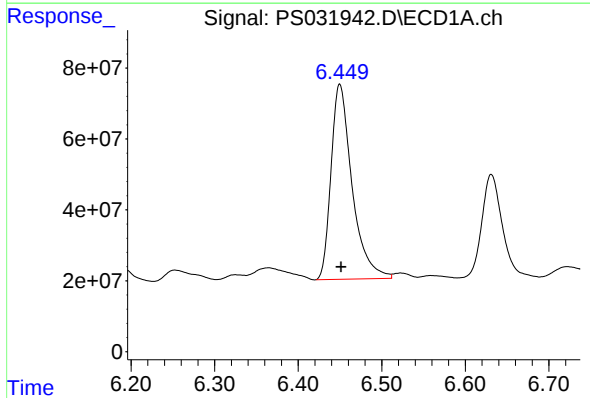
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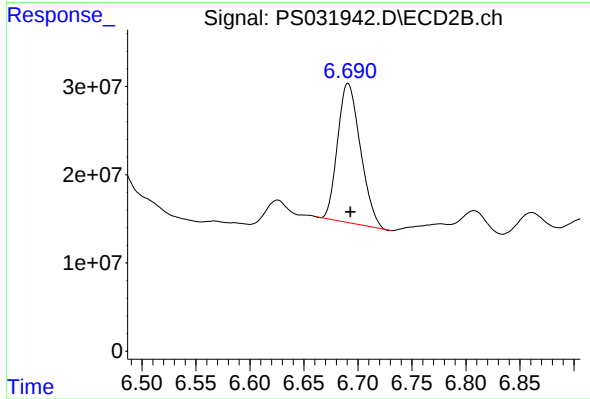
#1 Dalapon

R.T.: 2.662 min
Delta R.T.: -0.030 min
Response: 938012752
Conc: 332.91 ng/ml m



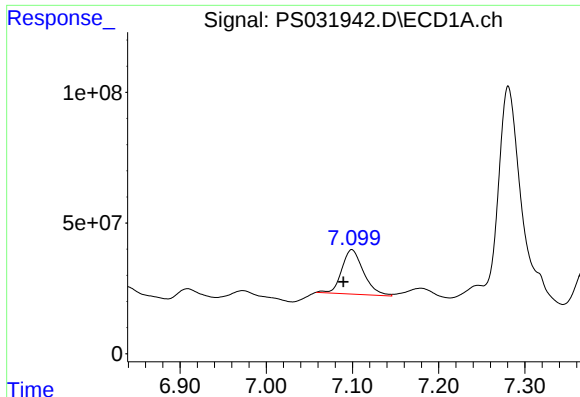
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 962664607
Conc: 180.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 232157924
Conc: 152.24 ng/ml



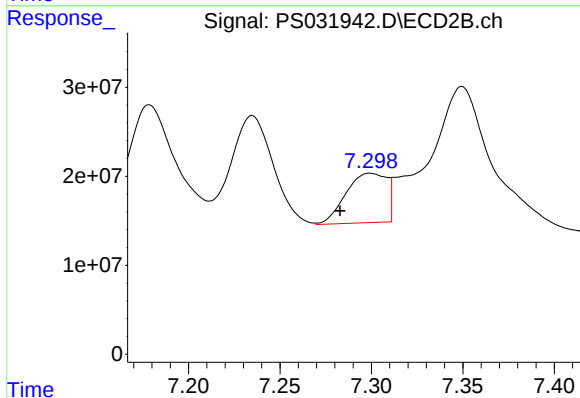
#3 4-Nitrophenol

R.T.: 7.099 min
Delta R.T.: 0.010 min
Response: 298230829
Conc: 270.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

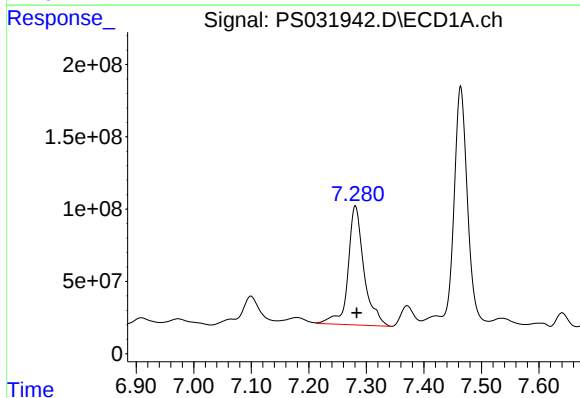
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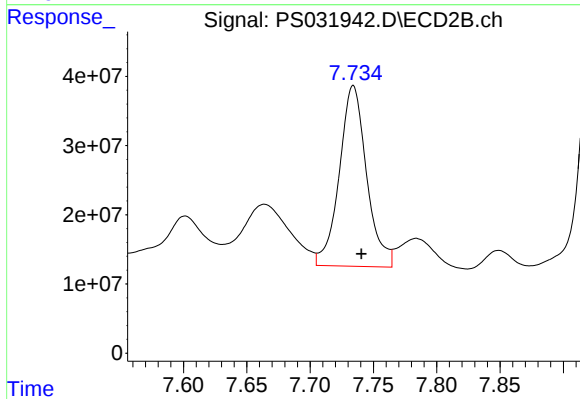
#3 4-Nitrophenol

R.T.: 7.298 min
Delta R.T.: 0.015 min
Response: 89064294
Conc: 70.53 ng/ml m



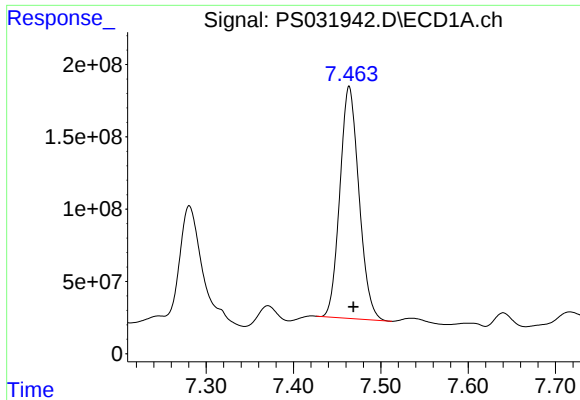
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 1601647028
Conc: 444.71 ng/ml



#4 2,4-DCAA

R.T.: 7.734 min
Delta R.T.: -0.006 min
Response: 392610352
Conc: 431.96 ng/ml



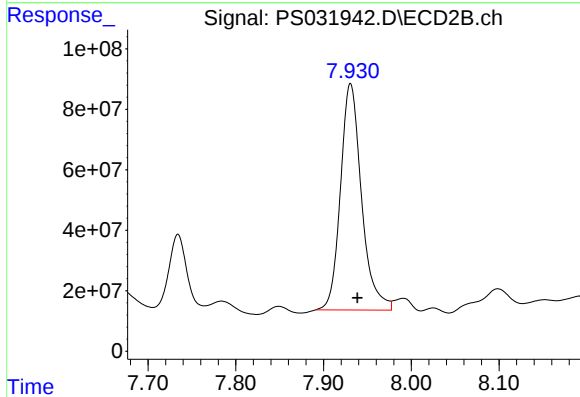
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.005 min
Response: 2441873178
Conc: 156.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

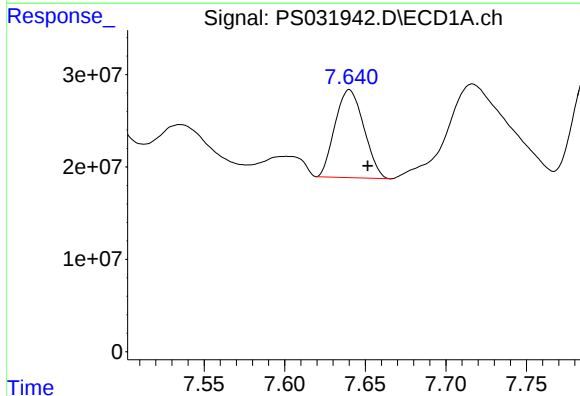
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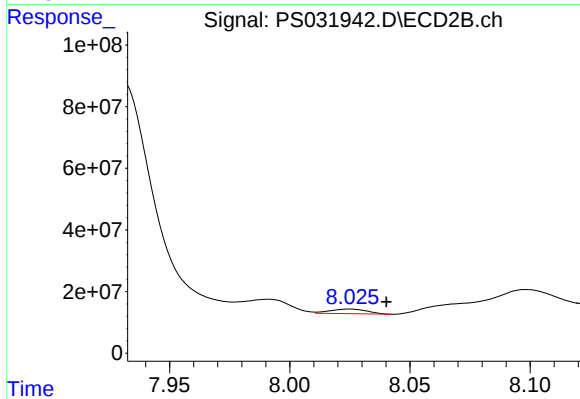
#5 DICAMBA

R.T.: 7.931 min
Delta R.T.: -0.008 min
Response: 1248863287
Conc: 191.93 ng/ml



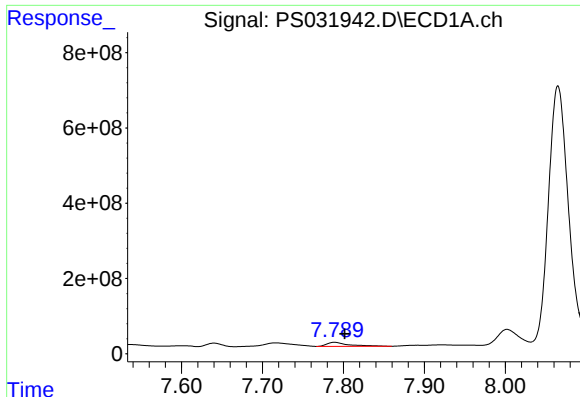
#6 MCPP

R.T.: 7.640 min
Delta R.T.: -0.011 min
Response: 118327672
Conc: 13.24 ug/ml



#6 MCPP

R.T.: 8.025 min
Delta R.T.: -0.015 min
Response: 15995450
Conc: 8.49 ug/ml m



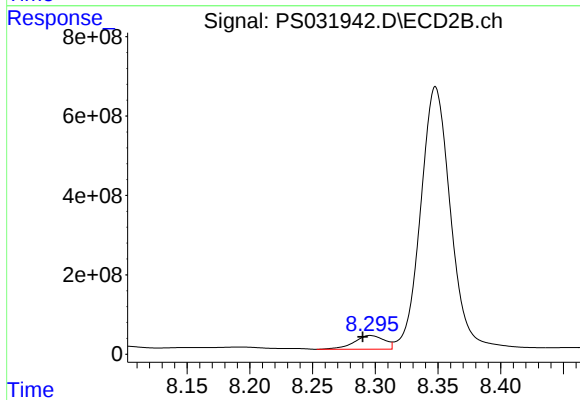
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.012 min
Response: 206957841
Conc: 18.63 ug/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

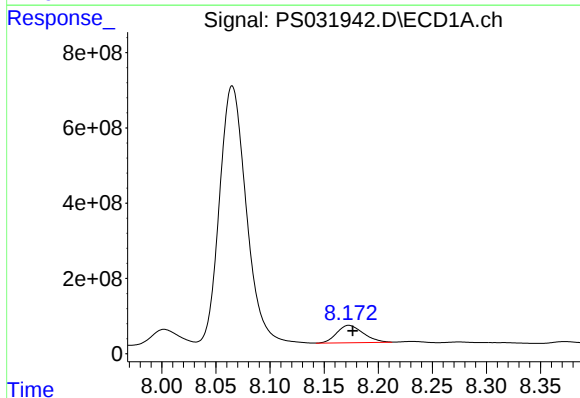
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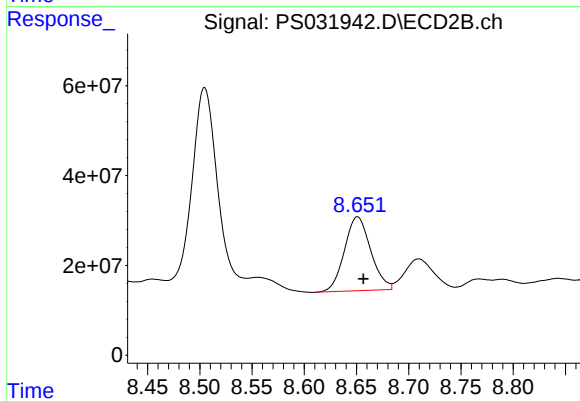
#7 MCPA

R.T.: 8.296 min
Delta R.T.: 0.006 min
Response: 585007356
Conc: 208.84 ug/ml



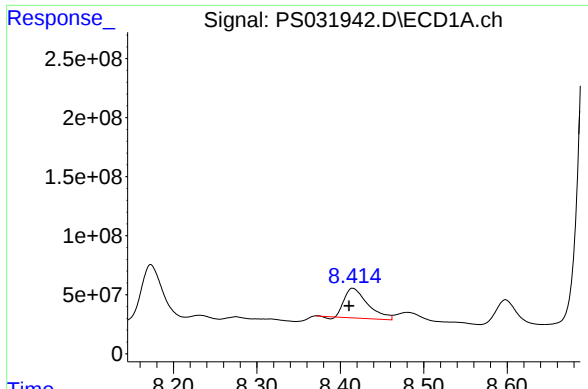
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: -0.004 min
Response: 799180950
Conc: 224.38 ng/ml m



#8 DICHLORPROP

R.T.: 8.651 min
Delta R.T.: -0.006 min
Response: 288845683
Conc: 198.51 ng/ml



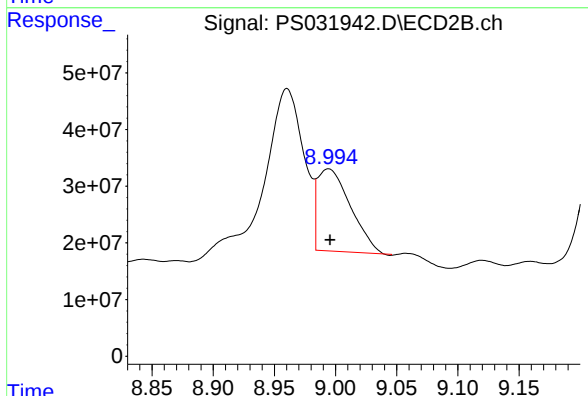
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.005 min
Response: 490139903
Conc: 143.08 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

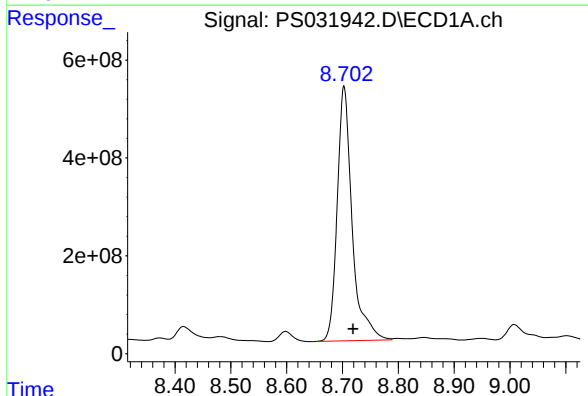
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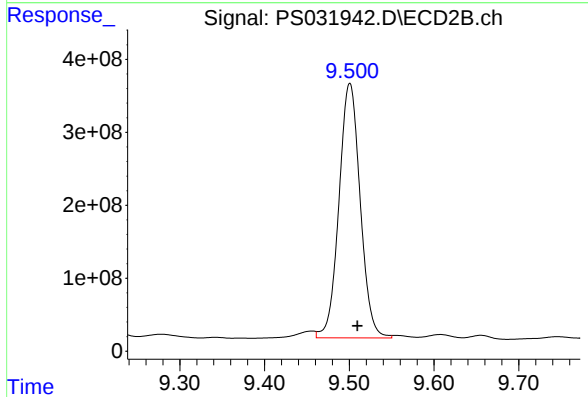
#9 2,4-D

R.T.: 8.994 min
Delta R.T.: -0.002 min
Response: 267508645
Conc: 162.61 ng/ml m



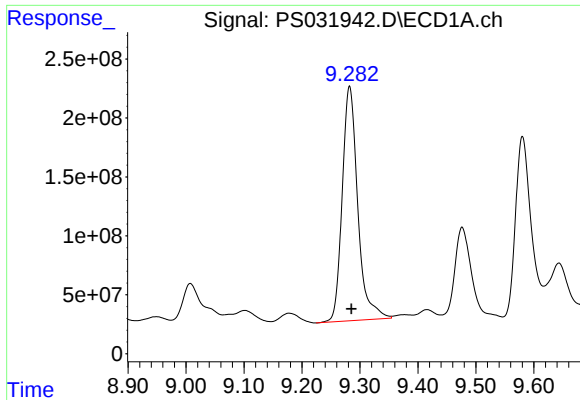
#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.016 min
Response: 9670970584
Conc: 182.15 ng/ml



#10 Pentachlorophenol

R.T.: 9.500 min
Delta R.T.: -0.009 min
Response: 6079931423
Conc: 153.18 ng/ml m



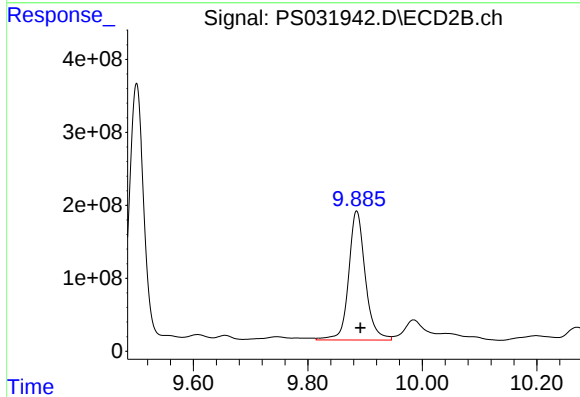
#11 2,4,5-TP (SILVEX)

R.T.: 9.282 min
Delta R.T.: -0.003 min
Response: 3711899449
Conc: 176.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

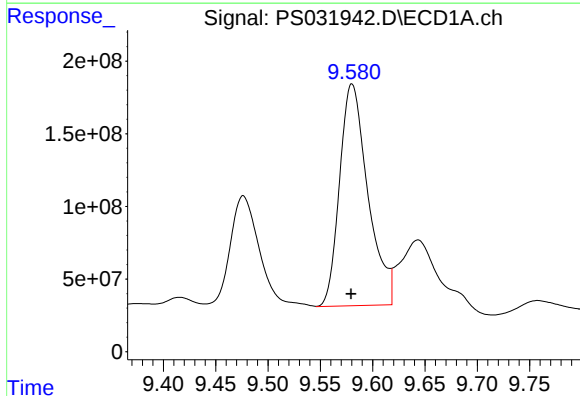
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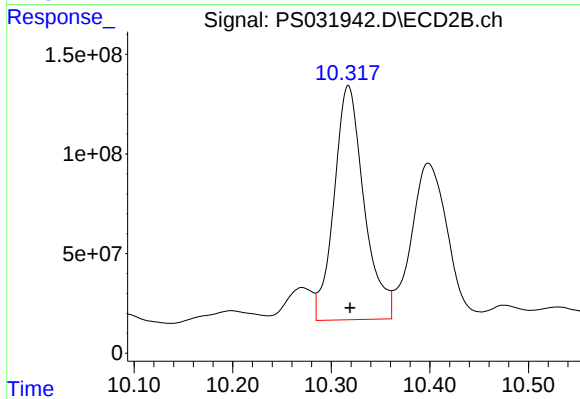
#11 2,4,5-TP (SILVEX)

R.T.: 9.885 min
Delta R.T.: -0.007 min
Response: 3562573880
Conc: 236.65 ng/ml



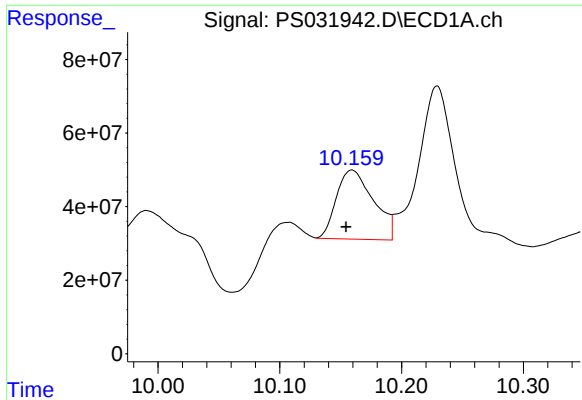
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 2893665270
Conc: 158.14 ng/ml m



#12 2,4,5-T

R.T.: 10.317 min
Delta R.T.: -0.002 min
Response: 2483612896
Conc: 184.56 ng/ml



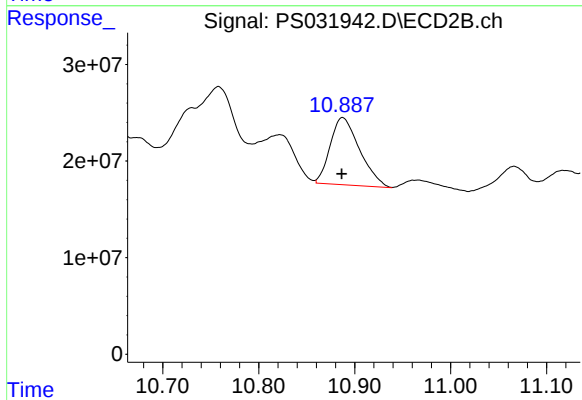
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: 0.004 min
Response: 399382559
Conc: 171.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

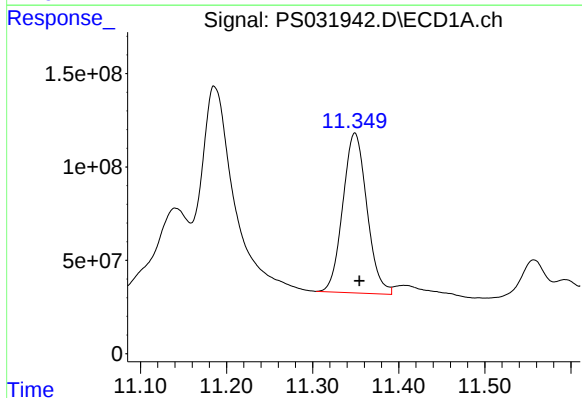
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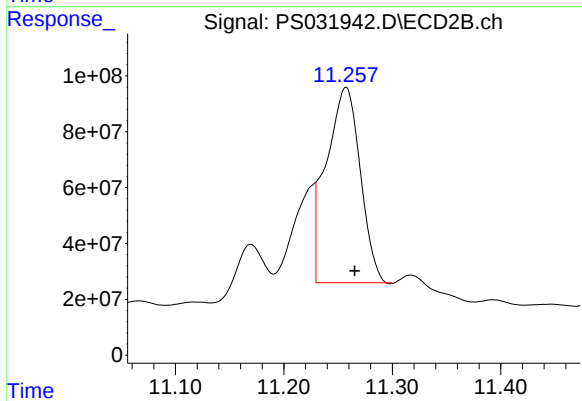
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 148332241
Conc: 138.62 ng/ml m



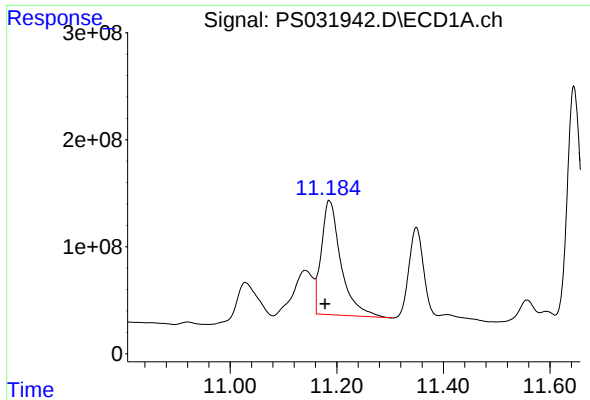
#14 DINOSEB

R.T.: 11.349 min
Delta R.T.: -0.005 min
Response: 1663321414
Conc: 115.33 ng/ml



#14 DINOSEB

R.T.: 11.257 min
Delta R.T.: -0.008 min
Response: 1510493961
Conc: 155.39 ng/ml m



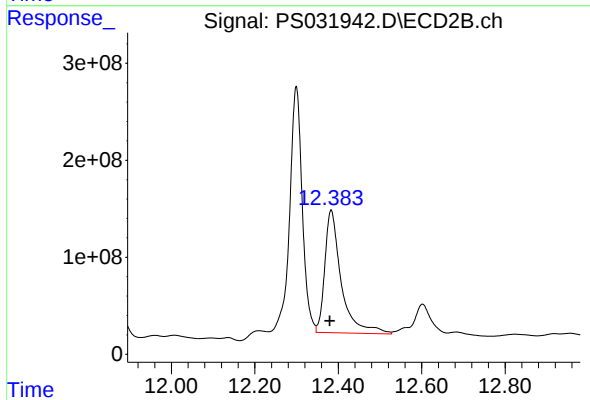
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.007 min
Response: 2693060544
Conc: 149.52 ng/ml

Instrument :
ECD_S
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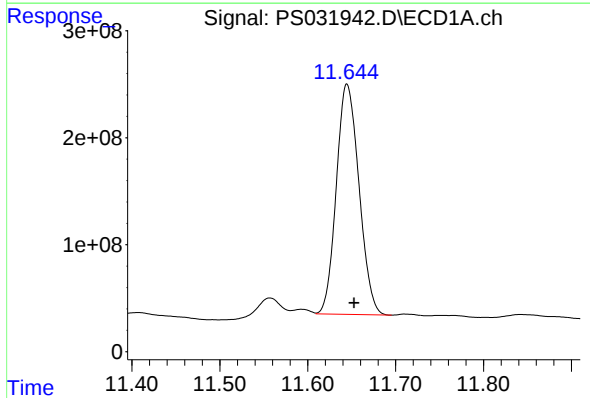
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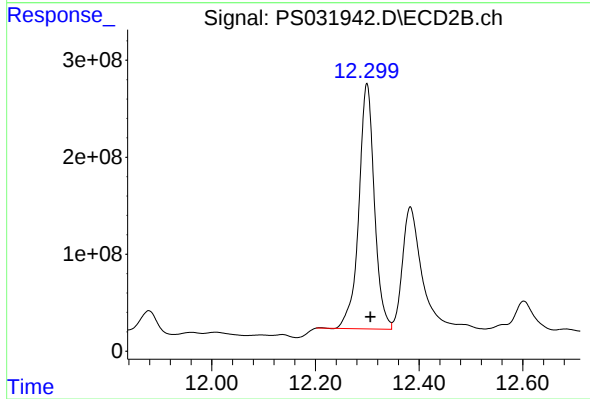
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 3465894970
Conc: 146.34 ng/ml



#16 DCPA

R.T.: 11.644 min
Delta R.T.: -0.009 min
Response: 3856909412
Conc: 143.11 ng/ml m



#16 DCPA

R.T.: 12.299 min
Delta R.T.: -0.007 min
Response: 5271311777
Conc: 218.69 ng/ml