

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
 Data File : PS031935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 18:01
 Operator : AR\AJ
 Sample : Q3256-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 SOIL-PILE-1-WCMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:09:07 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	7.279	7.739	1569.0E6	501.3E6	435.647	551.520 #
Target Compounds							
1) T	Dalapon	2.657	2.684	595.5E6	1697.0E6	103.018m	602.263m#
2) T	3,5-DICHL...	6.448	6.694	1267.3E6	324.3E6	237.614	212.632
5) T	DICAMBA	7.463	7.935	3573.1E6	1589.1E6	229.096	244.213
6) T	MCP	7.637	8.028	171.8E6	28938831	19.220	15.365m
7) T	MCPA	7.787	8.275	306.0E6	52859449	27.545	18.870 #
8) T	DICHLORPROP	8.171	8.653	985.5E6	390.4E6	276.688	268.318m
9) T	2,4-D	8.408	8.996	1032.6E6	499.0E6	301.439	303.297
10) T	Pentachlo...	8.700	9.503	11715.7E6	8086.2E6	220.660	203.731
11) T	2,4,5-TP ...	9.278	9.886	6150.9E6	4094.2E6	293.268	271.965m
12) T	2,4,5-T	9.575	10.319	5089.9E6	3438.2E6	278.164	255.493
13) T	2,4-DB	10.152	10.887	628.4E6	264.2E6	269.380	246.882m
14) T	DINOSEB	11.346	11.260	1702.2E6	1117.8E6	118.023	114.993
15) T	Picloram	11.180	12.384	4018.5E6	4519.8E6	223.115	190.842m
16) T	DCPA	11.643	12.300	6799.1E6	6159.6E6	252.286	255.541m

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

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Acq On : 02 Oct 2025 18:01
Operator : AR\AJ
Sample : Q3256-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

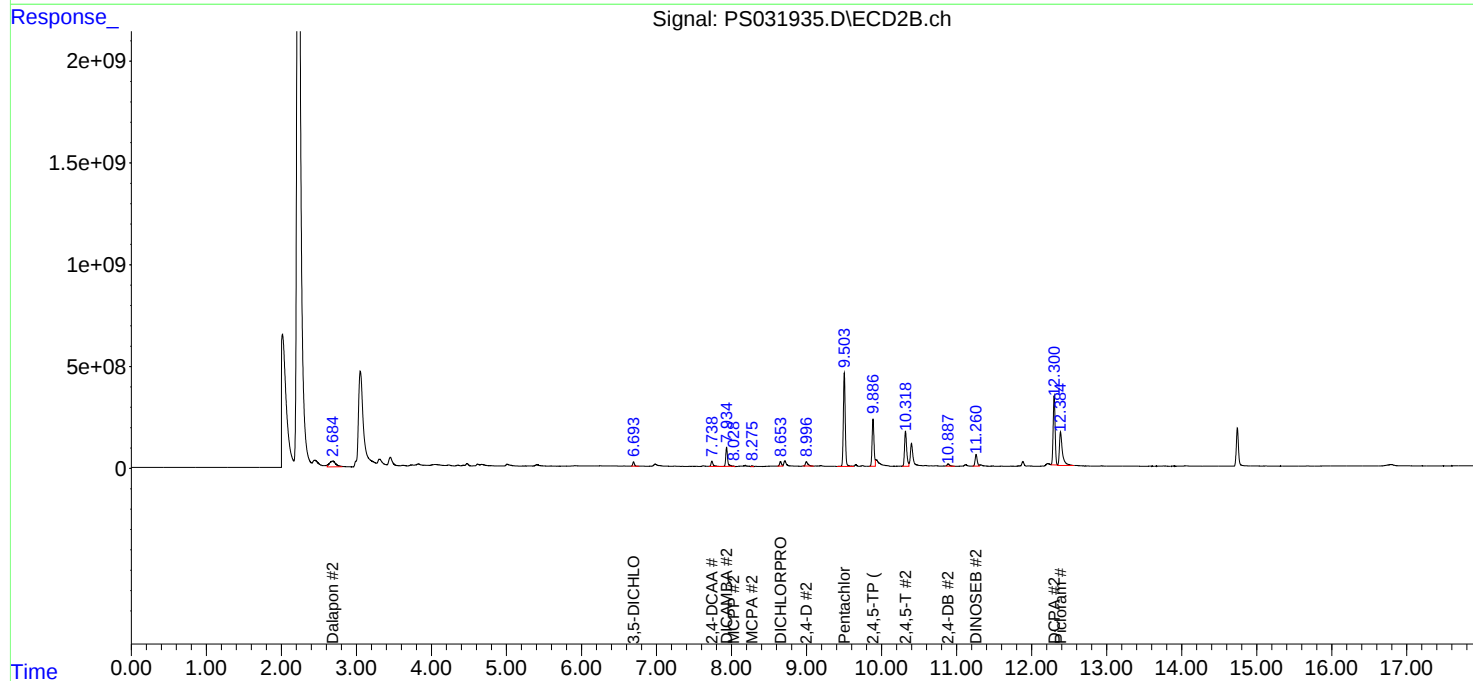
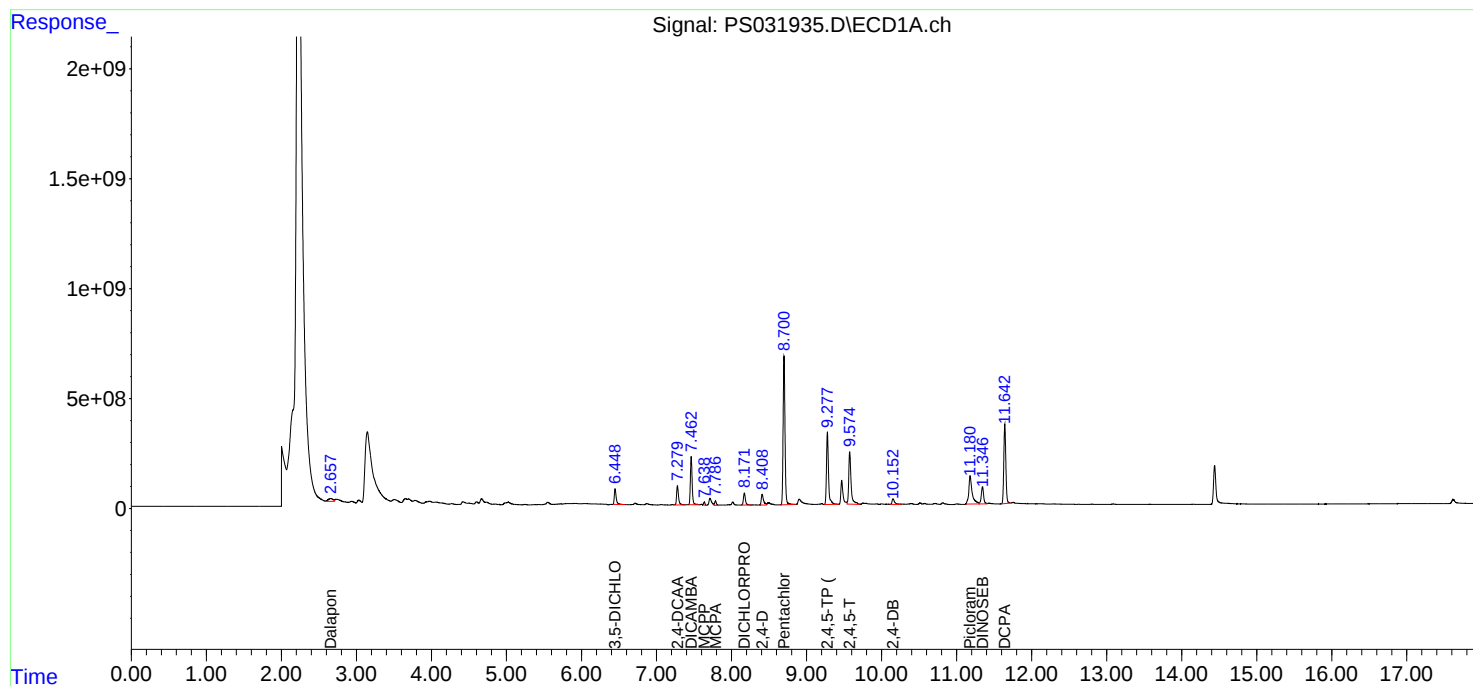
Instrument :
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ClientSampleId :
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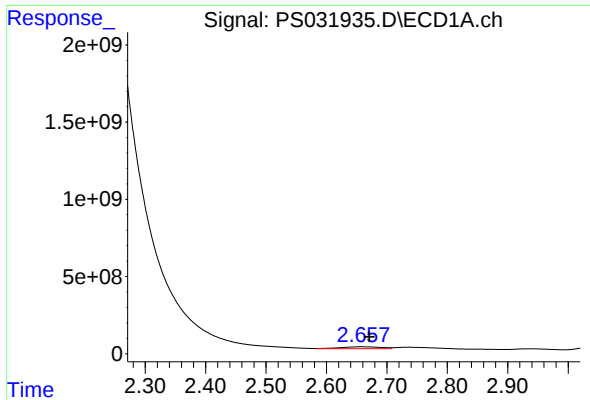
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Integration File signal 1: autoint1.e
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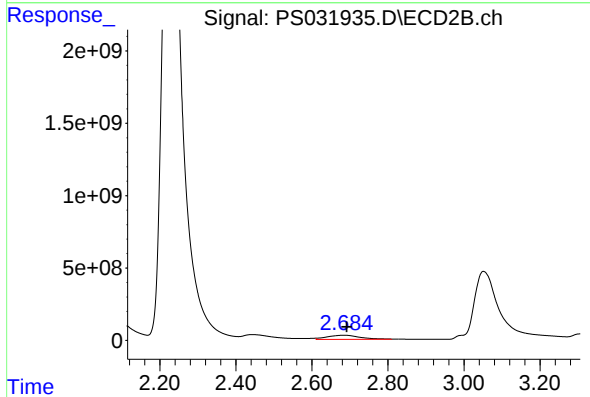
#1 Dalapon

R.T.: 2.657 min
Delta R.T.: -0.014 min
Response: 595519476
Conc: 103.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMSD

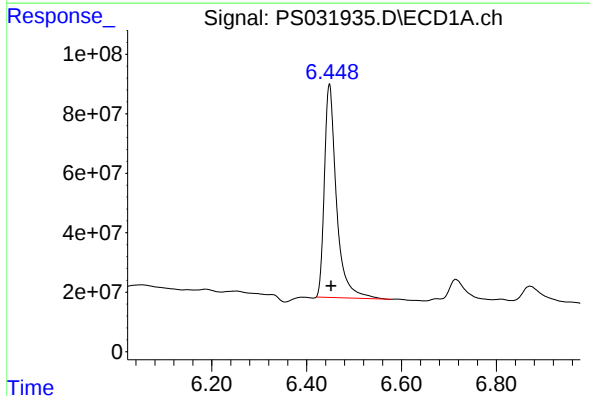
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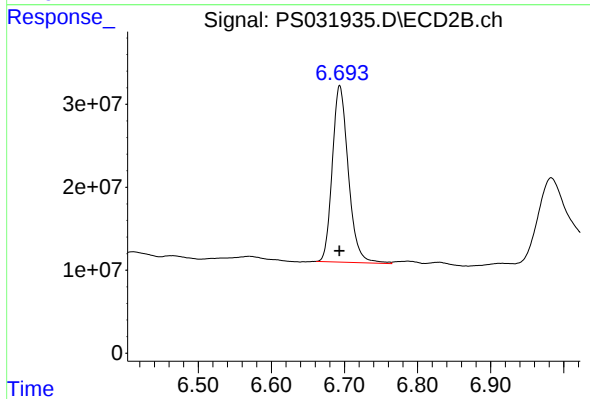
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.008 min
Response: 1696952241
Conc: 602.26 ng/ml m



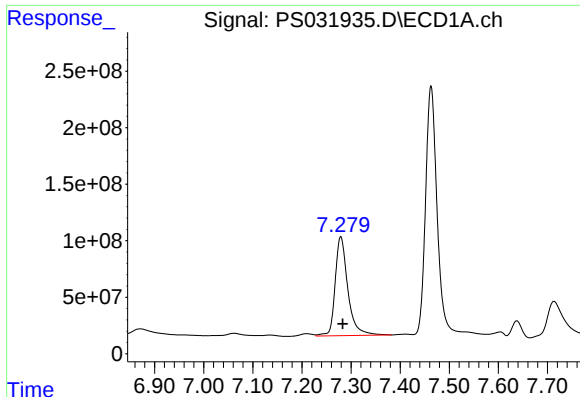
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.004 min
Response: 1267280448
Conc: 237.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 324255725
Conc: 212.63 ng/ml



#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: -0.004 min
Response: 1568994810
Conc: 435.65 ng/ml

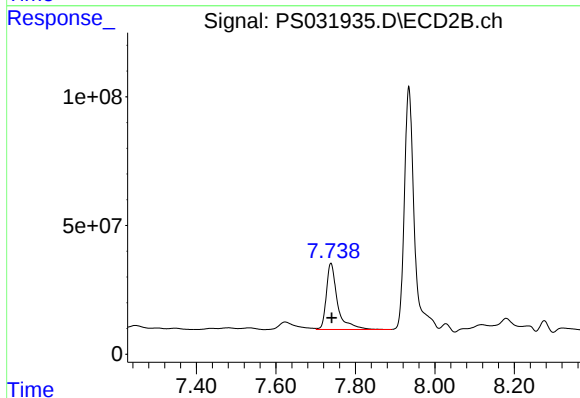
Instrument :

ECD_S

ClientSampleId :
SOIL-PILE-1-WCMSD

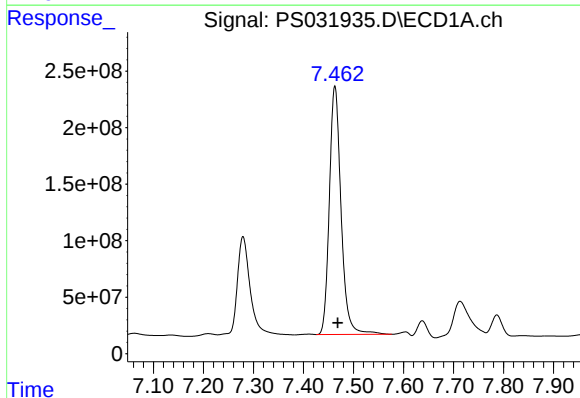
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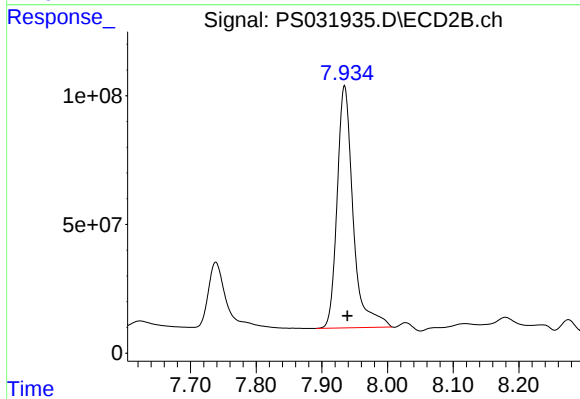
#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 501276682
Conc: 551.52 ng/ml



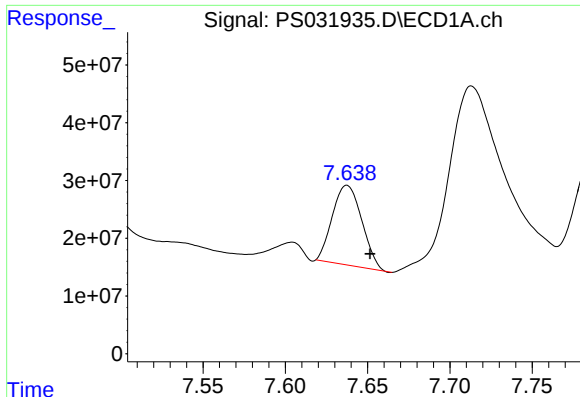
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.006 min
Response: 3573140360
Conc: 229.10 ng/ml



#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: -0.004 min
Response: 1589059500
Conc: 244.21 ng/ml



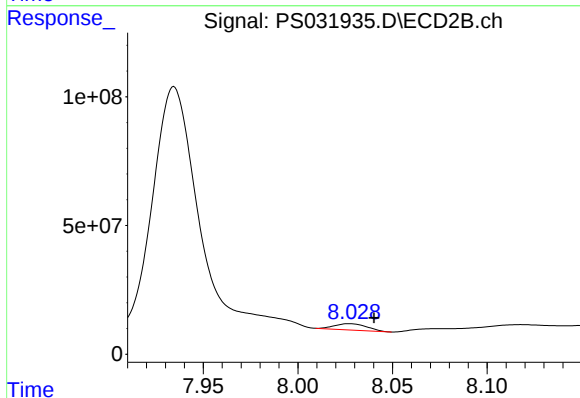
#6 MCPP

R.T.: 7.637 min
Delta R.T.: -0.014 min
Response: 171813943
Conc: 19.22 ug/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMSD

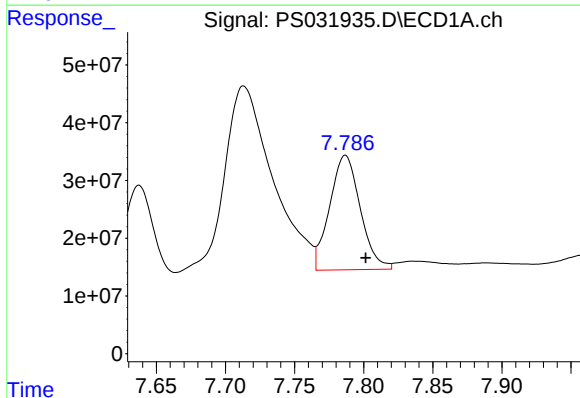
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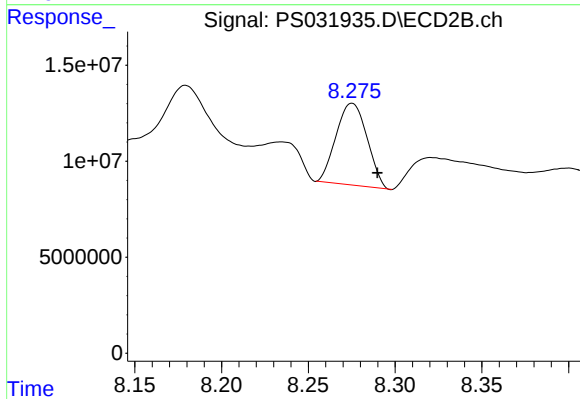
#6 MCPP

R.T.: 8.028 min
Delta R.T.: -0.012 min
Response: 28938831
Conc: 15.37 ug/ml m



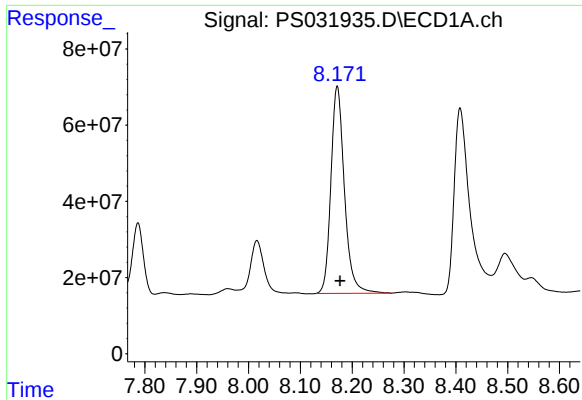
#7 MCPA

R.T.: 7.787 min
Delta R.T.: -0.015 min
Response: 306039760
Conc: 27.55 ug/ml



#7 MCPA

R.T.: 8.275 min
Delta R.T.: -0.015 min
Response: 52859449
Conc: 18.87 ug/ml



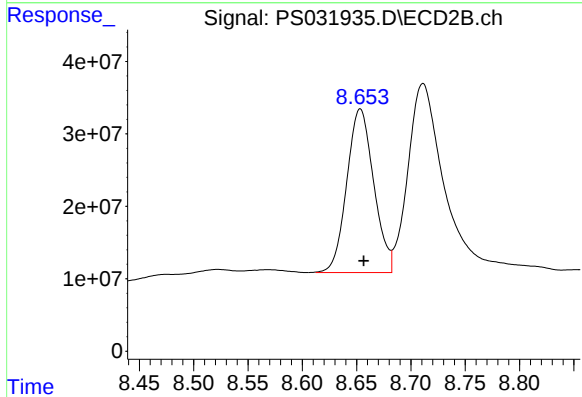
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: -0.005 min
Response: 985495963
Conc: 276.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMSD

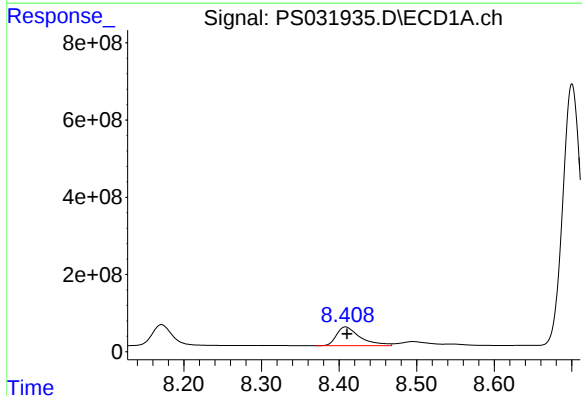
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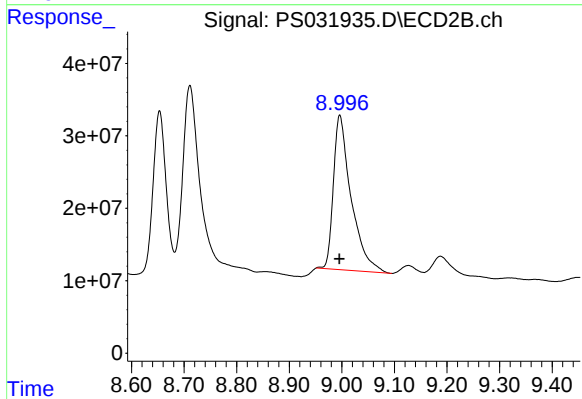
#8 DICHLORPROP

R.T.: 8.653 min
Delta R.T.: -0.004 min
Response: 390418427
Conc: 268.32 ng/ml m



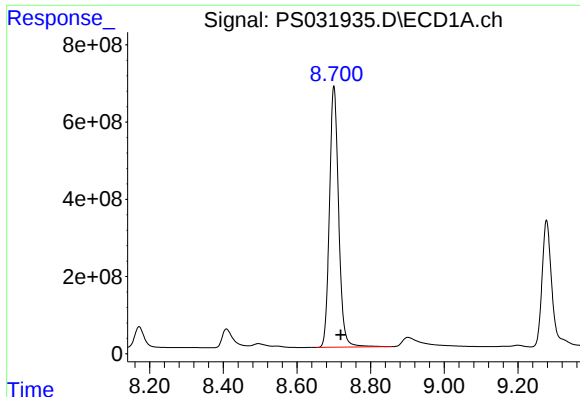
#9 2,4-D

R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 1032620211
Conc: 301.44 ng/ml



#9 2,4-D

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 498957313
Conc: 303.30 ng/ml



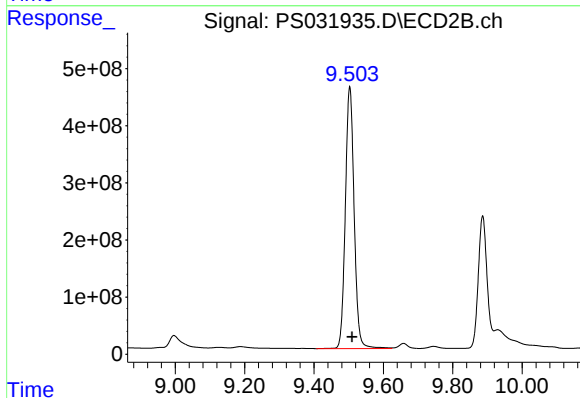
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.018 min
Response: 11715702090
Conc: 220.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
SOIL-PILE-1-WCMSD

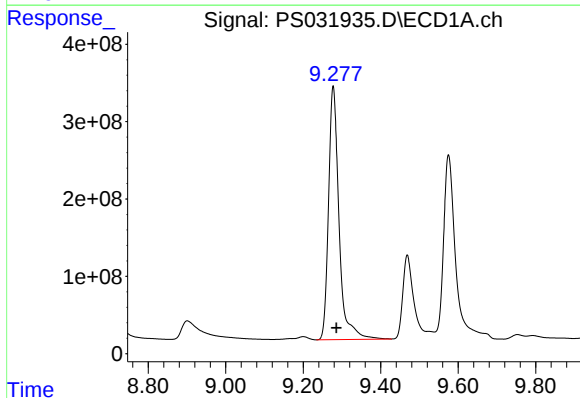
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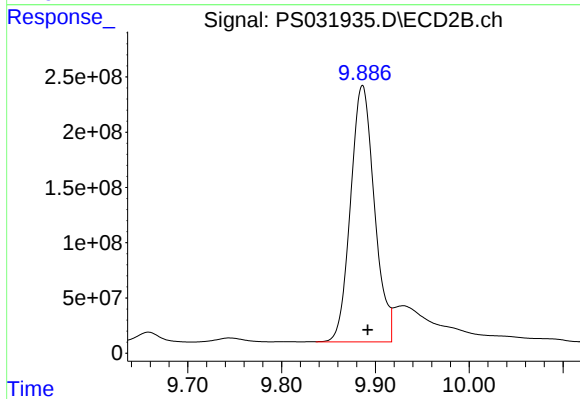
#10 Pentachlorophenol

R.T.: 9.503 min
Delta R.T.: -0.007 min
Response: 8086174176
Conc: 203.73 ng/ml



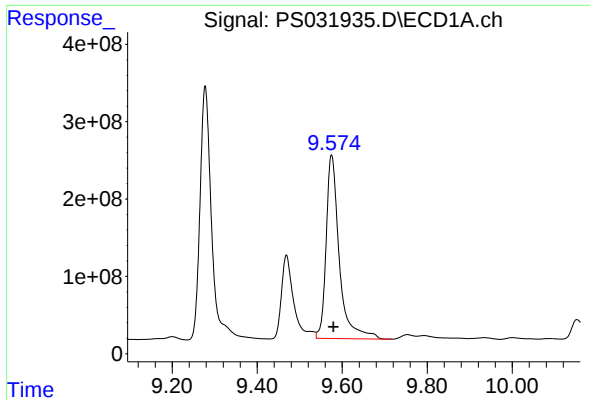
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.008 min
Response: 6150901282
Conc: 293.27 ng/ml



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

R.T.: 9.886 min
Delta R.T.: -0.006 min
Response: 4094245493
Conc: 271.96 ng/ml m



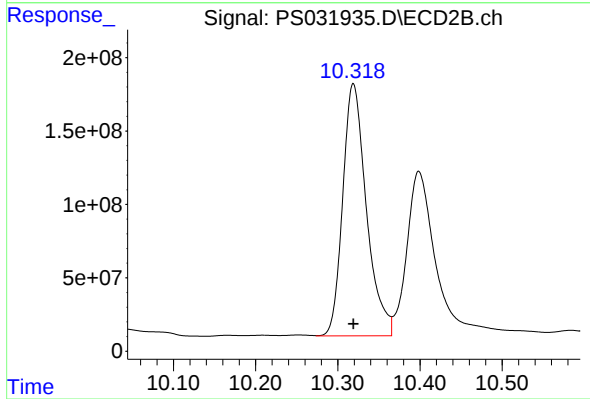
#12 2,4,5-T

R.T.: 9.575 min
Delta R.T.: -0.004 min
Response: 5089890040
Conc: 278.16 ng/ml

Instrument :
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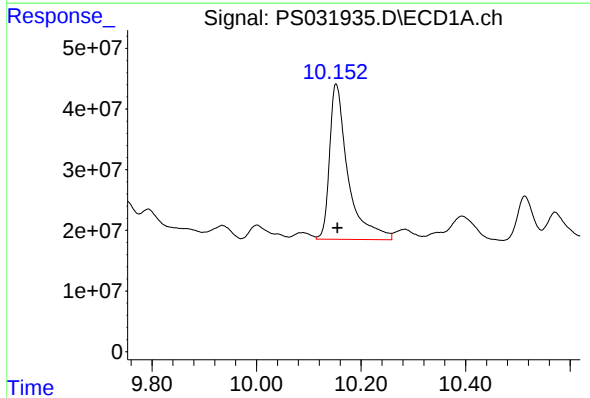
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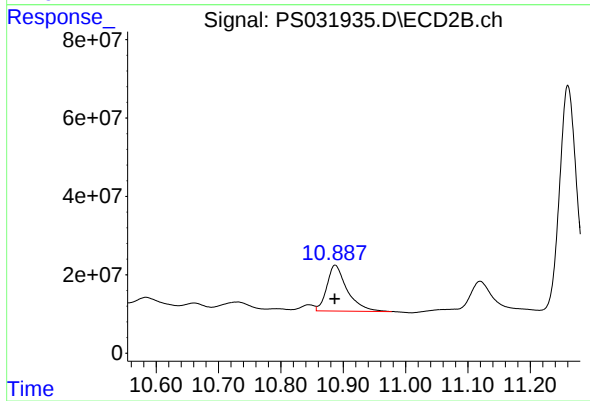
#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 3438177478
Conc: 255.49 ng/ml



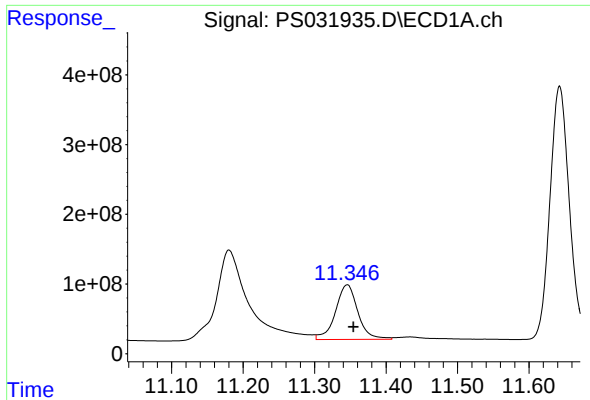
#13 2,4-DB

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 628400452
Conc: 269.38 ng/ml



#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 264175073
Conc: 246.88 ng/ml m



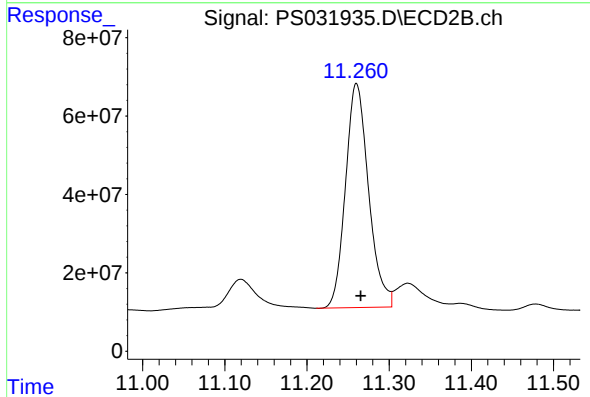
#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: -0.009 min
Response: 1702211062
Conc: 118.02 ng/ml

Instrument :
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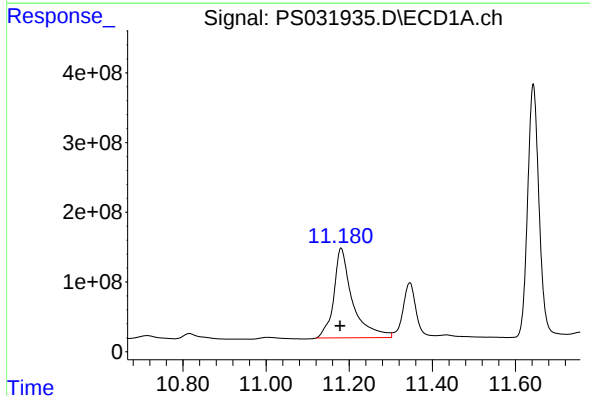
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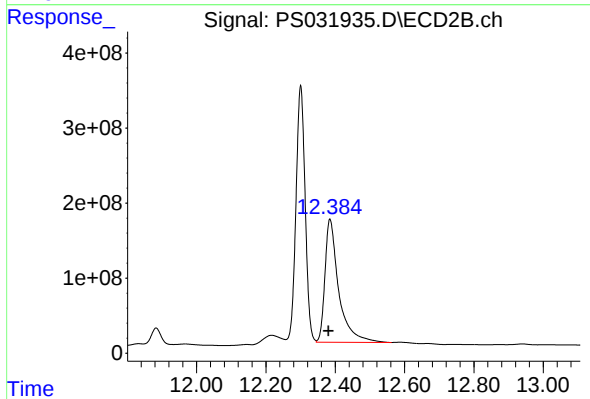
#14 DINOSEB

R.T.: 11.260 min
Delta R.T.: -0.005 min
Response: 1117807410
Conc: 114.99 ng/ml



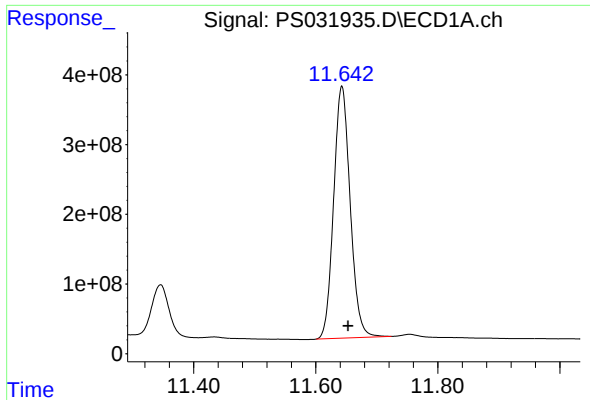
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.003 min
Response: 4018540806
Conc: 223.11 ng/ml



#15 Picloram

R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 4519750856
Conc: 190.84 ng/ml m



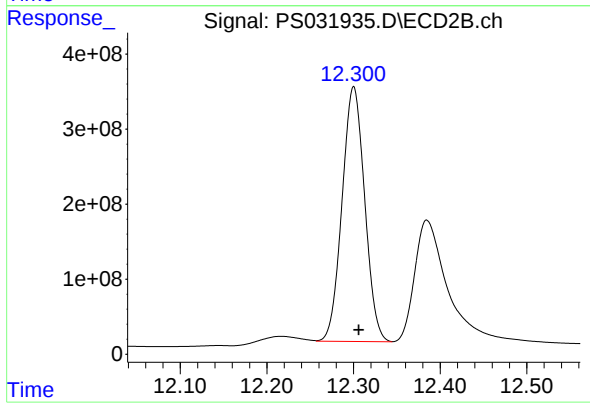
#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.010 min
Response: 6799088908
Conc: 252.29 ng/ml

Instrument :
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#16 DCPA

R.T.: 12.300 min
Delta R.T.: -0.006 min
Response: 6159597075
Conc: 255.54 ng/ml m