

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
 Data File : PS031931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 16:25
 Operator : AR\AJ
 Sample : PB169954BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169954BS

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 02:07:22 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	7.740	2000.6E6	484.7E6	555.493	533.249
Target Compounds							
1) T	Dalapon	2.665	2.688	2437.6E6	1225.0E6	421.667	434.776
2) T	3,5-DICHL...	6.448	6.693	2725.3E6	807.8E6	510.990	529.747
3) T	4-Nitroph...	7.095	7.299	611.8E6	637.9E6	554.532	505.163m
5) T	DICAMBA	7.463	7.934	7902.6E6	3260.1E6	506.686	501.020
6) T	MCPD	7.640	8.029	438.9E6	96224039	49.104	51.090
7) T	MCPA	7.788	8.276	580.6E6	142.8E6	52.258	50.992
8) T	DICHLORPROP	8.170	8.654	1839.8E6	770.7E6	516.544	529.685
9) T	2,4-D	8.409	8.998	1962.5E6	823.1E6	572.894	500.330
10) T	Pentachlo...	8.700	9.502	31302.7E6	22132.3E6	589.572	557.621
11) T	2,4,5-TP ...	9.278	9.887	11111.1E6	7785.4E6	529.762	517.155
12) T	2,4,5-T	9.576	10.318	10105.4E6	6780.7E6	552.265	503.879
13) T	2,4-DB	10.153	10.887	1259.7E6	437.9E6	540.024	409.201
14) T	DINOSEB	11.346	11.260	8261.1E6	5562.8E6	572.782	572.265
15) T	Picloram	11.180	12.384	8720.1E6	10214.9E6	484.154	431.315
16) T	DCPA	11.643	12.299	15124.6E6	12960.0E6	561.212	537.667

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

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Operator : AR\AJ
Sample : PB169954BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

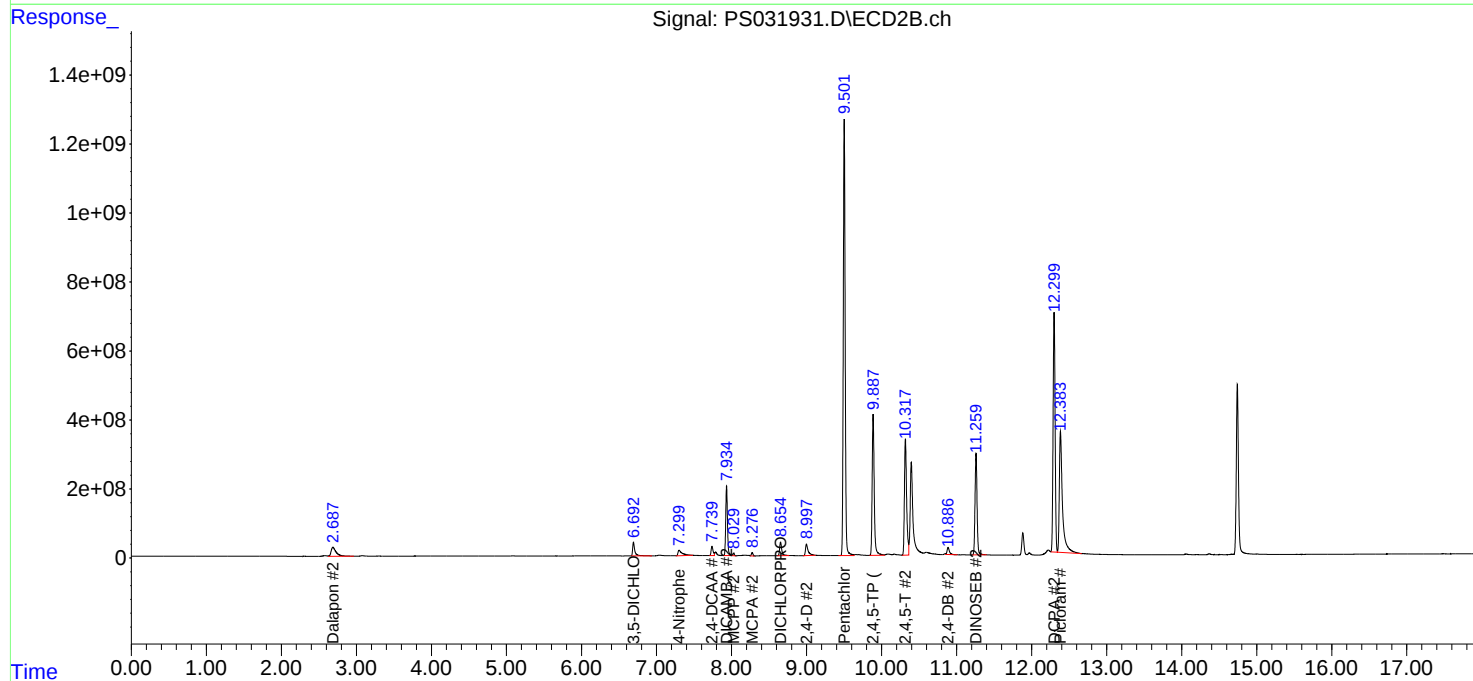
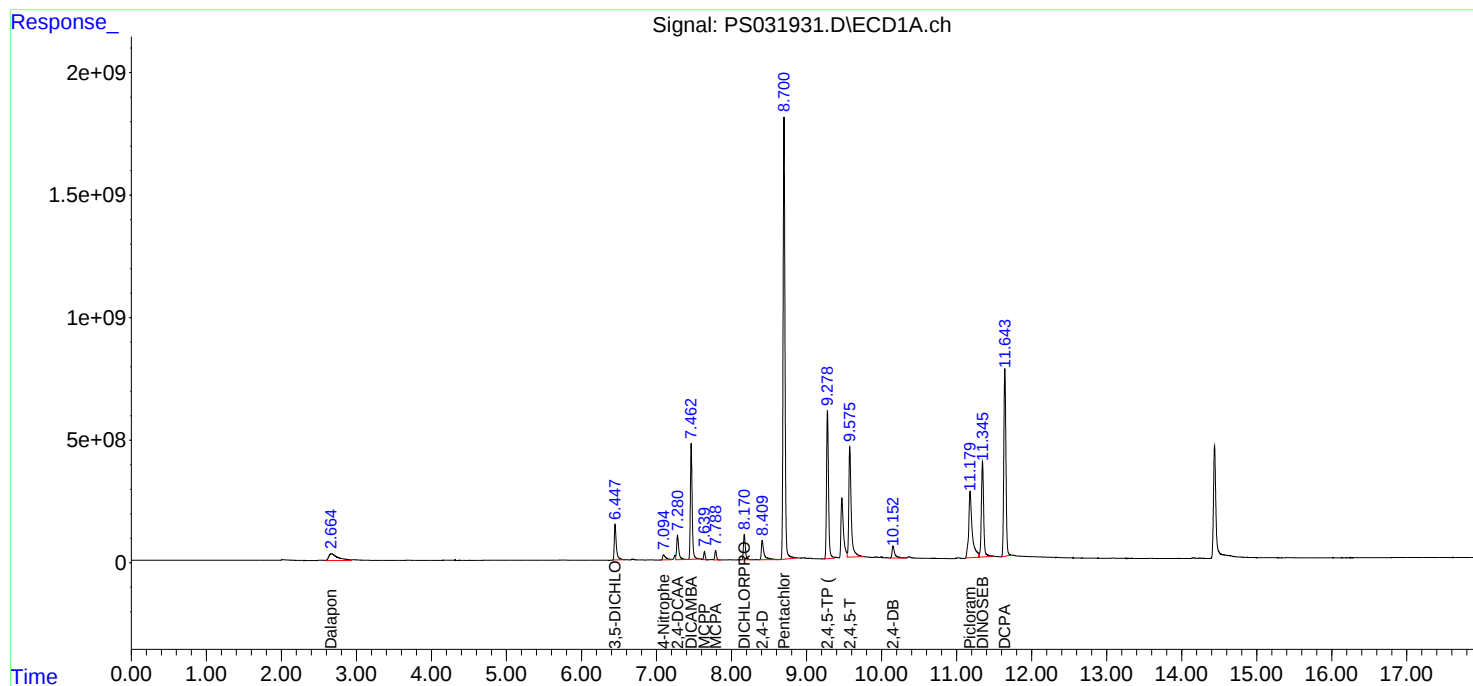
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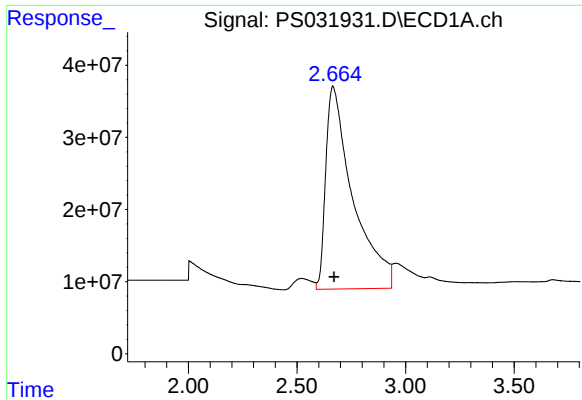
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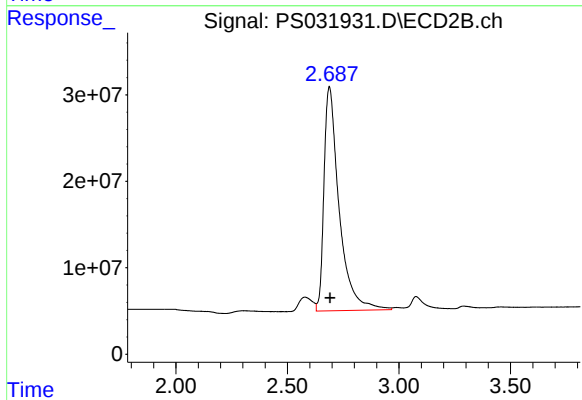
#1 Dalapon

R.T.: 2.665 min
Delta R.T.: -0.006 min
Response: 2437551881
Conc: 421.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169954BS

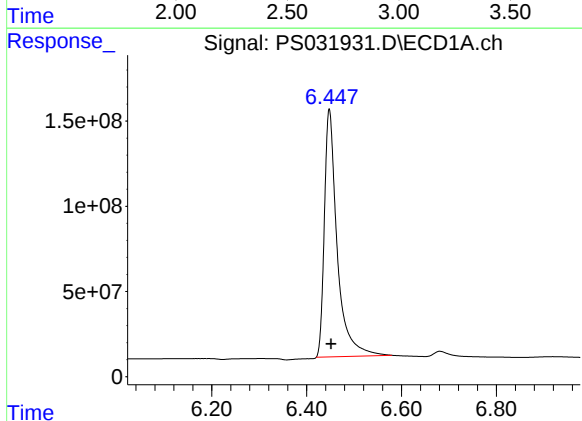
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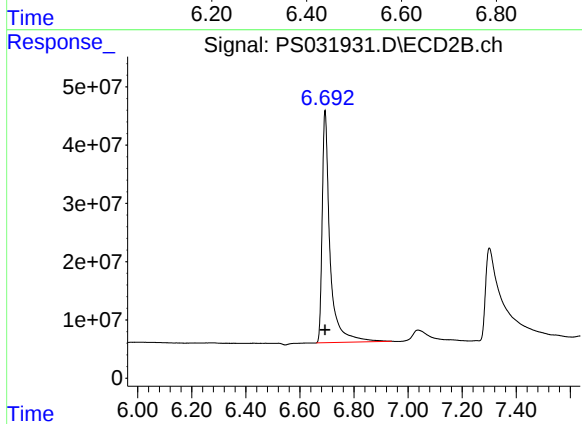
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.004 min
Response: 1225035430
Conc: 434.78 ng/ml



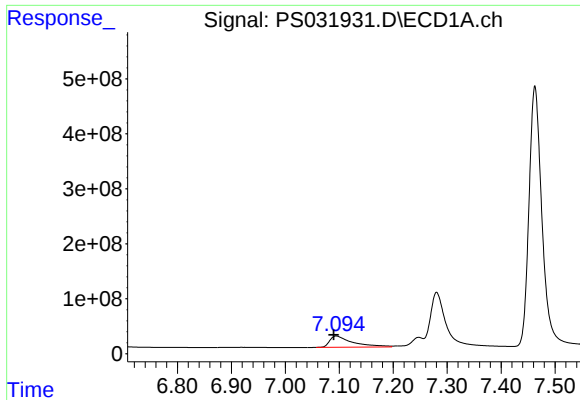
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.004 min
Response: 2725291427
Conc: 510.99 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 807845285
Conc: 529.75 ng/ml



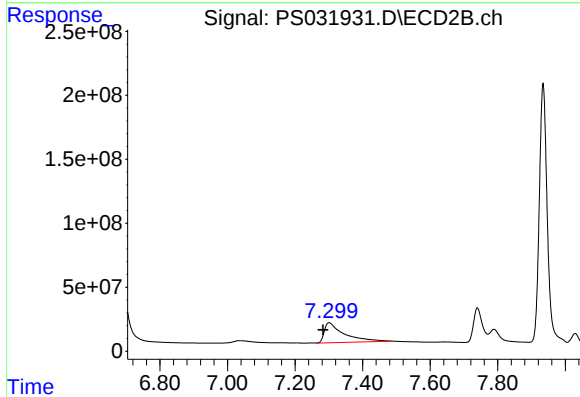
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.005 min
Response: 611764849
Conc: 554.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169954BS

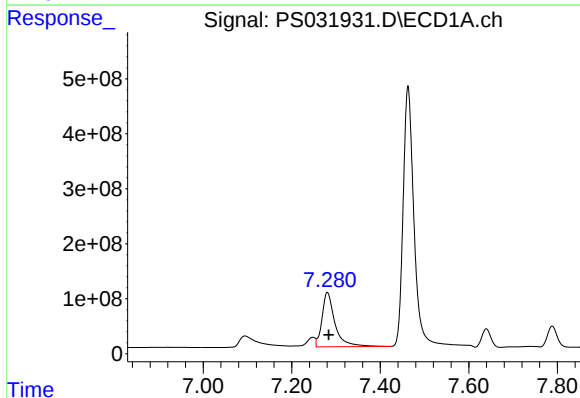
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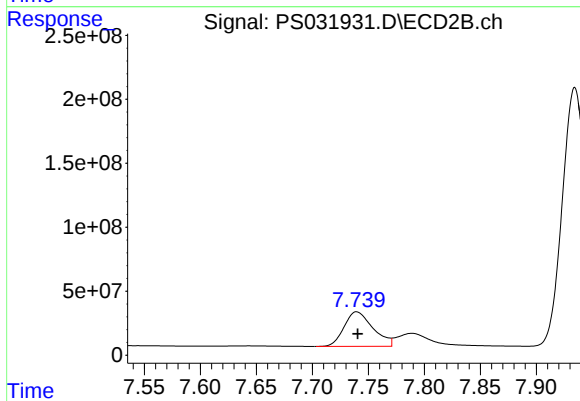
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.017 min
Response: 637912460
Conc: 505.16 ng/ml m



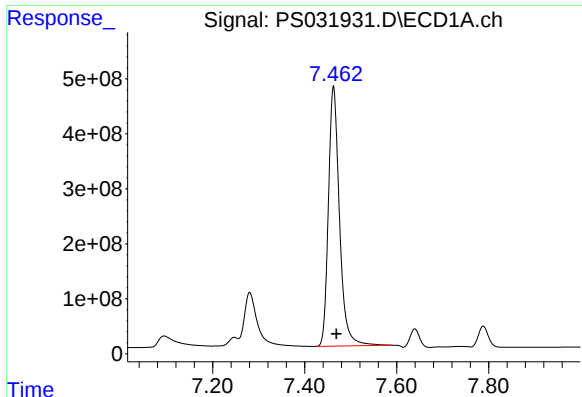
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.003 min
Response: 2000623416
Conc: 555.49 ng/ml



#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: -0.001 min
Response: 484669346
Conc: 533.25 ng/ml



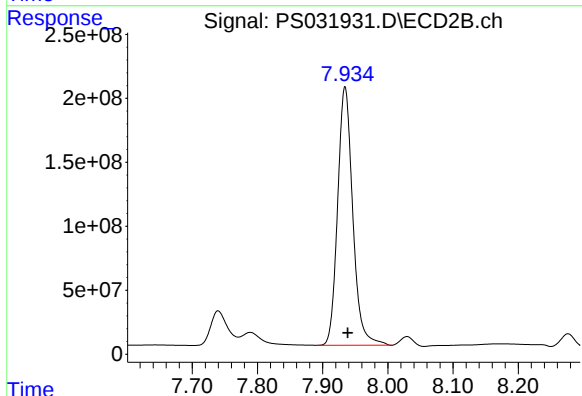
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.006 min
Response: 7902640941
Conc: 506.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169954BS

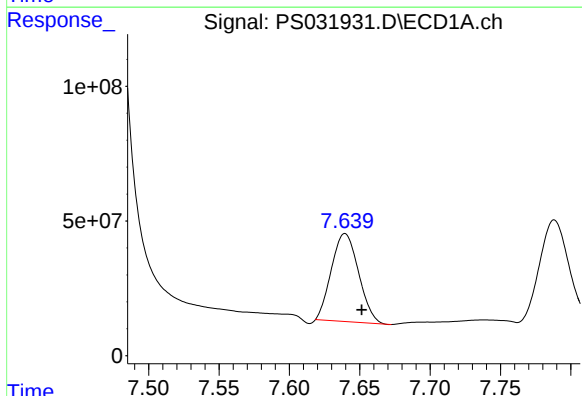
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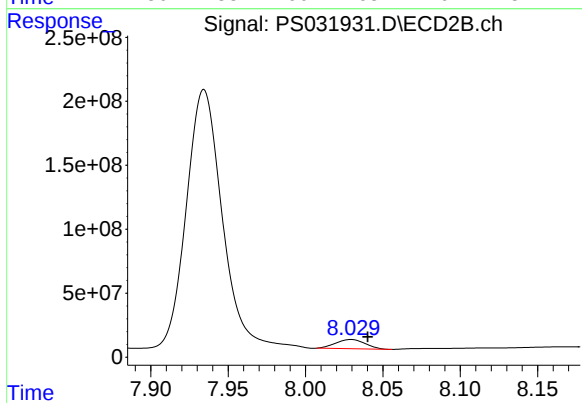
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.004 min
Response: 3260061562
Conc: 501.02 ng/ml



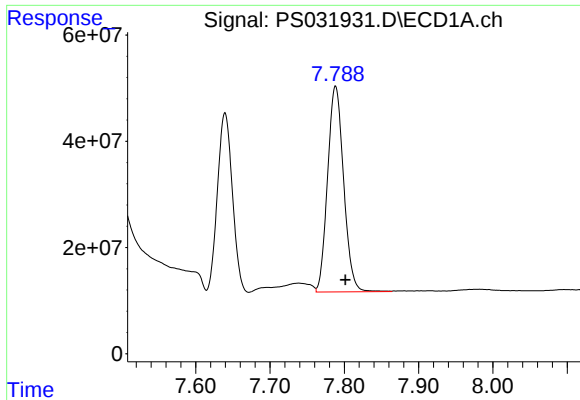
#6 MCPP

R.T.: 7.640 min
Delta R.T.: -0.012 min
Response: 438948900
Conc: 49.10 ug/ml



#6 MCPP

R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 96224039
Conc: 51.09 ug/ml



#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.013 min
Response: 580608235
Conc: 52.26 ug/ml

Instrument :

ECD_S

ClientSampleId :

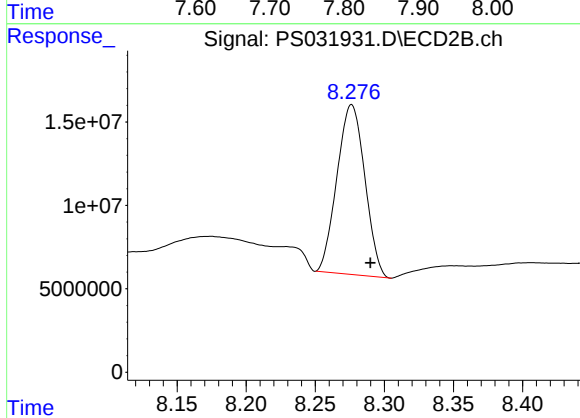
PB169954BS

Manual Integrations

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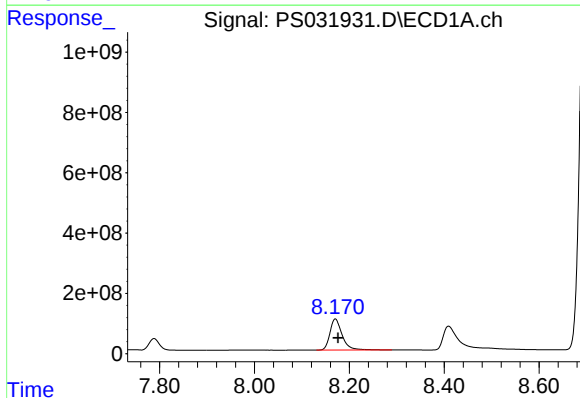
Reviewed By :Abdul Mirza 10/03/2025

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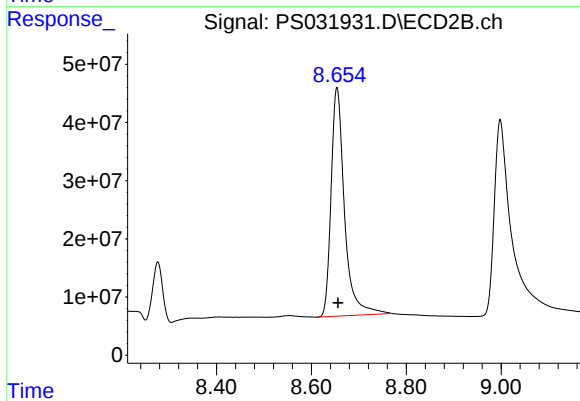
#7 MCPA

R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 142839495
Conc: 50.99 ug/ml



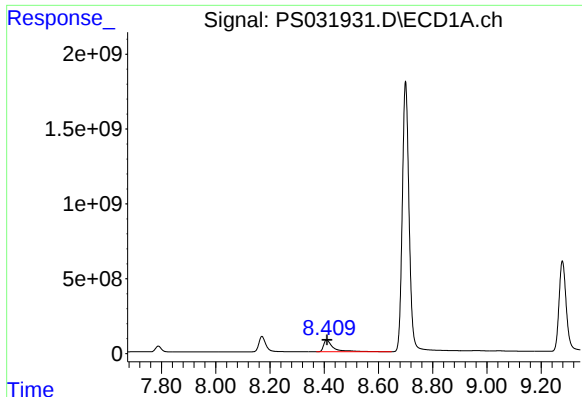
#8 DICHLORPROP

R.T.: 8.170 min
Delta R.T.: -0.006 min
Response: 1839806808
Conc: 516.54 ng/ml



#8 DICHLORPROP

R.T.: 8.654 min
Delta R.T.: -0.003 min
Response: 770723451
Conc: 529.68 ng/ml



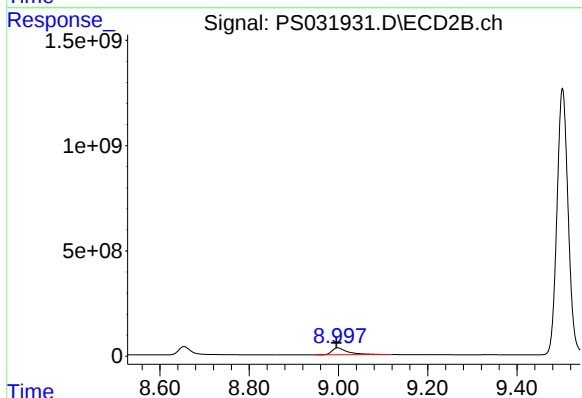
#9 2,4-D

R.T.: 8.409 min
Delta R.T.: -0.001 min
Response: 1962528499
Conc: 572.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169954BS

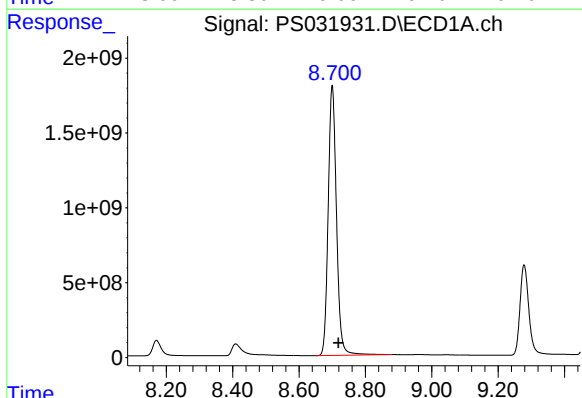
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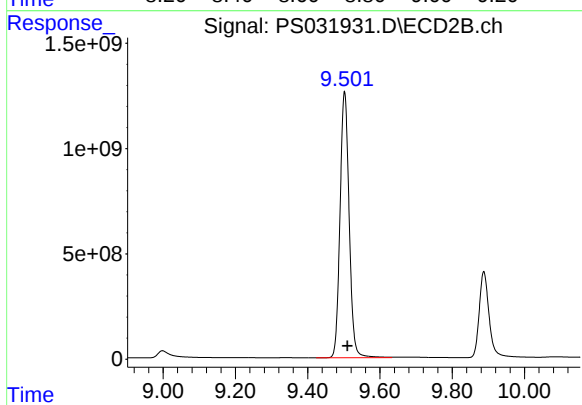
#9 2,4-D

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 823098394
Conc: 500.33 ng/ml



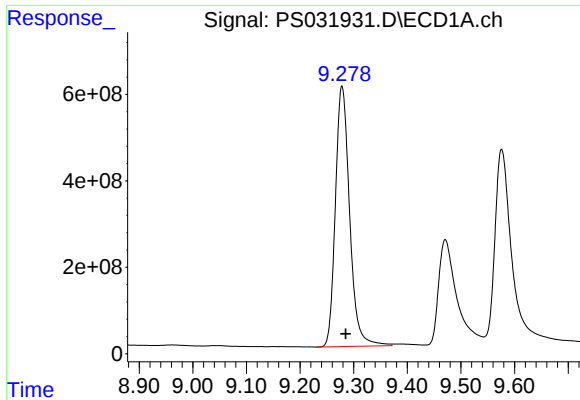
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.019 min
Response: 31302669083
Conc: 589.57 ng/ml



#10 Pentachlorophenol

R.T.: 9.502 min
Delta R.T.: -0.008 min
Response: 22132264893
Conc: 557.62 ng/ml



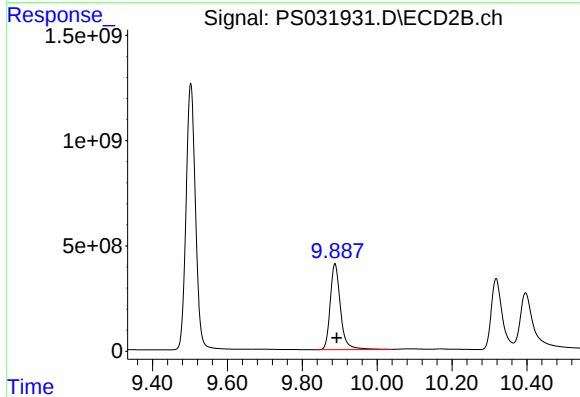
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.007 min
Response: 11111067293
Conc: 529.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169954BS

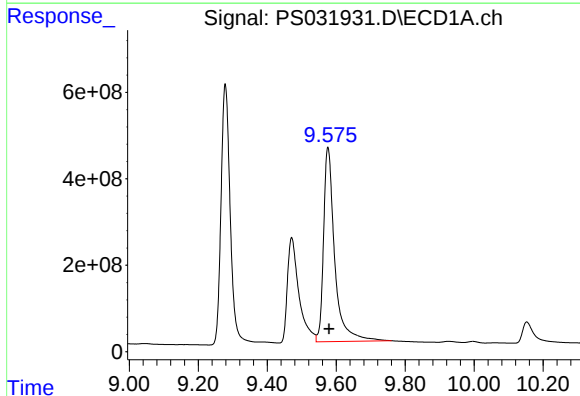
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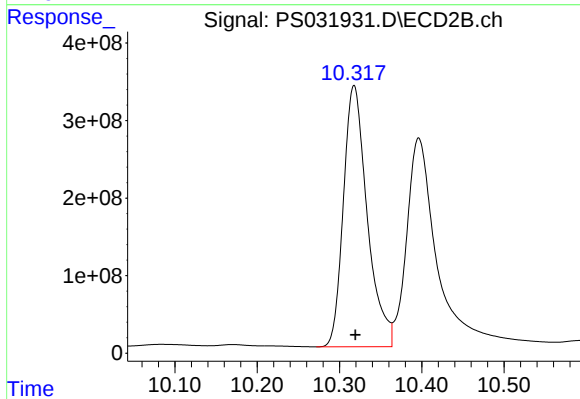
#11 2,4,5-TP (SILVEX)

R.T.: 9.887 min
Delta R.T.: -0.004 min
Response: 7785416903
Conc: 517.16 ng/ml



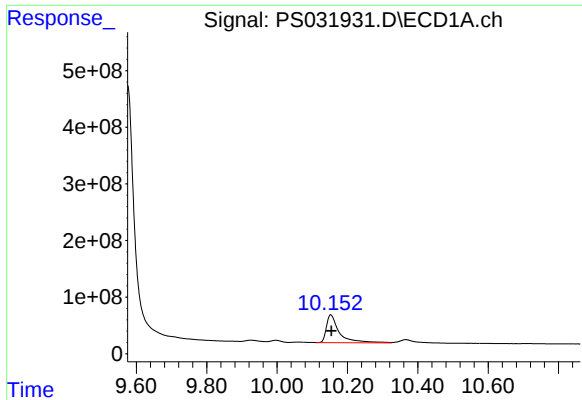
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: -0.003 min
Response: 10105440989
Conc: 552.27 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: -0.001 min
Response: 6780707074
Conc: 503.88 ng/ml



#13 2,4-DB

R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 1259749563
Conc: 540.02 ng/ml

Instrument :
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#13 2,4-DB

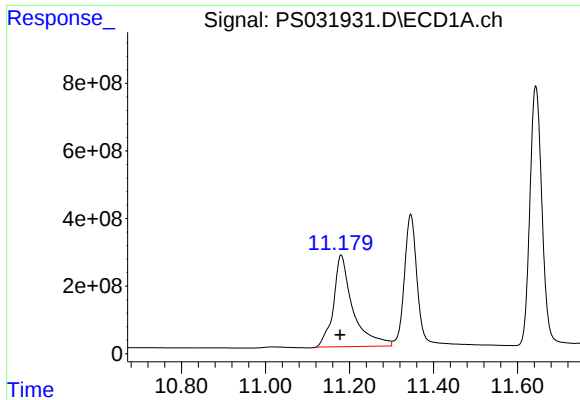
R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 437863177
Conc: 409.20 ng/ml

#14 DINOSEB

R.T.: 11.346 min
Delta R.T.: -0.009 min
Response: 8261062556
Conc: 572.78 ng/ml

#14 DINOSEB

R.T.: 11.260 min
Delta R.T.: -0.006 min
Response: 5562808784
Conc: 572.27 ng/ml



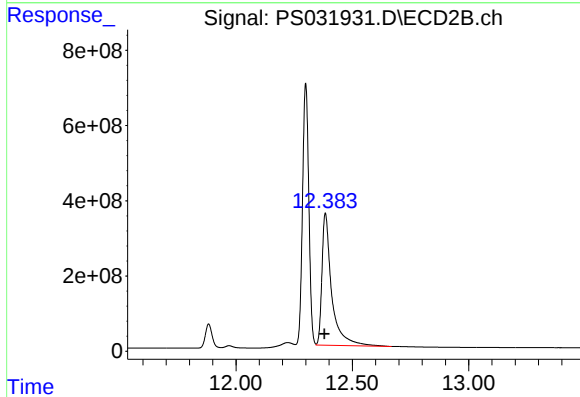
#15 Picloram

R.T.: 11.180 min
Delta R.T.: 0.002 min
Response: 8720134458
Conc: 484.15 ng/ml

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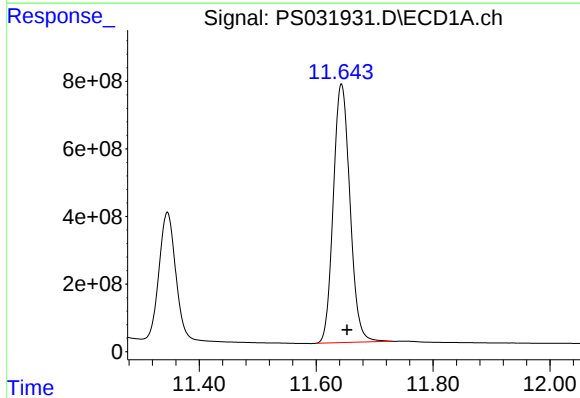
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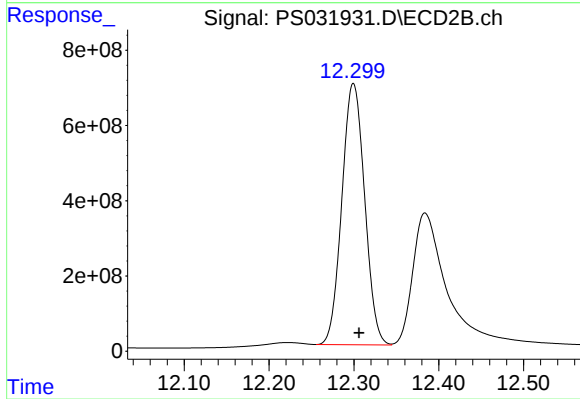
#15 Picloram

R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 10214929836
Conc: 431.31 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.009 min
Response: 15124598584
Conc: 561.21 ng/ml



#16 DCPA

R.T.: 12.299 min
Delta R.T.: -0.007 min
Response: 12959968548
Conc: 537.67 ng/ml