

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS092925\
 Data File : PS031864.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 14:57
 Operator : AR\AJ
 Sample : PB169855BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169855BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:24:54 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	7.737	1616.4E6	386.8E6	448.799	425.601
Target Compounds							
1) T	Dalapon	2.637f	2.658f	371.7E6	1854.7E6	64.301m	658.248 #
2) T	3,5-DICHL...	6.450	6.692	912.4E6	253.5E6	171.077	166.235
3) T	4-Nitroph...	7.088	7.301	21317622	75661240	19.323m	59.916 #
5) T	DICAMBA	7.467	7.934	2745.0E6	1127.1E6	176.000	173.217
6) T	MCPD	7.643	8.033	84584673	12764047	9.462	6.777 #
7) T	MCPA	7.793	8.274	215.6E6	23772334	19.401	8.486 #
8) T	DICHLORPROP	8.174	8.653	627.7E6	255.0E6	176.246	175.269
9) T	2,4-D	8.411	8.996	753.2E6	326.3E6	219.881	198.364
10) T	Pentachlo...	8.705	9.503	9684.1E6	6547.8E6	182.396	164.971
11) T	2,4,5-TP ...	9.283	9.886	3514.0E6	2601.2E6	167.543	172.791m
12) T	2,4,5-T	9.579	10.319	3369.4E6	2048.6E6	184.139	152.231m
13) T	2,4-DB	10.156	10.886	275.3E6	133.3E6	118.018m	124.603
14) T	DINOSEB	11.353	11.270	261.4E6	484.9E6	18.127m	49.886 #
15) T	Picloram	11.181	12.383	2632.0E6	2323.7E6	146.134	98.116 #
16) T	DCPA	11.647	12.302	4303.2E6	4912.4E6	159.675	203.798m#

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

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Acq On : 29 Sep 2025 14:57
Operator : AR\AJ
Sample : PB169855BS
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ALS Vial : 7 Sample Multiplier: 1

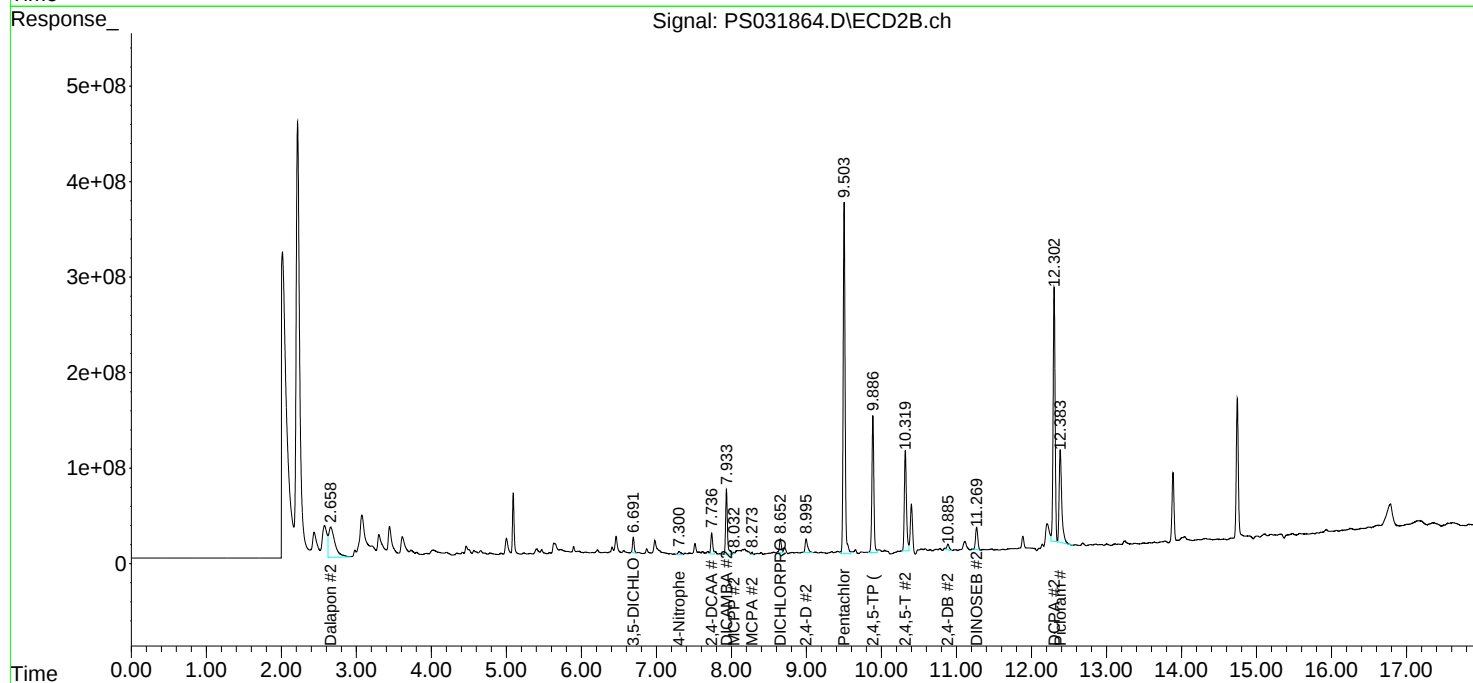
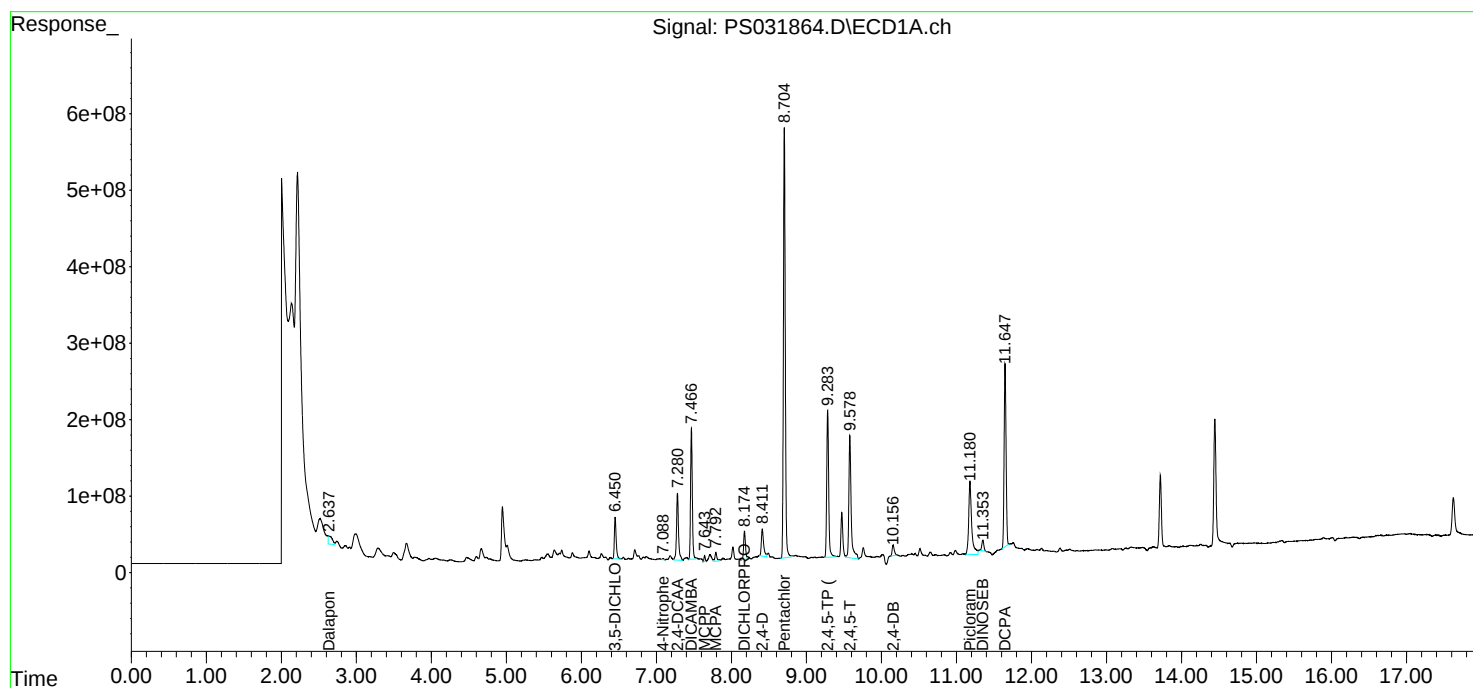
Instrument :
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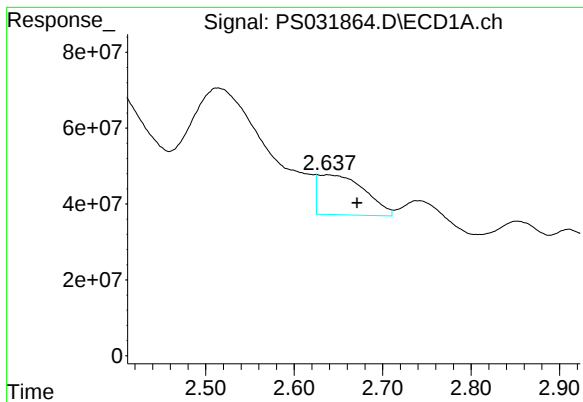
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.637 min
Delta R.T.: -0.034 min
Response: 371710012
Conc: 64.30 ng/ml

Instrument :

ECD_S

ClientSampleId :

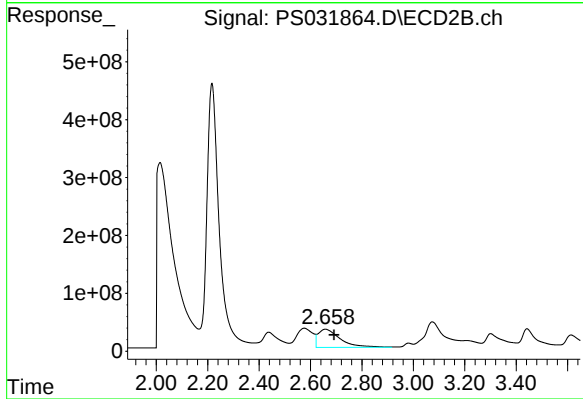
PB169855BS

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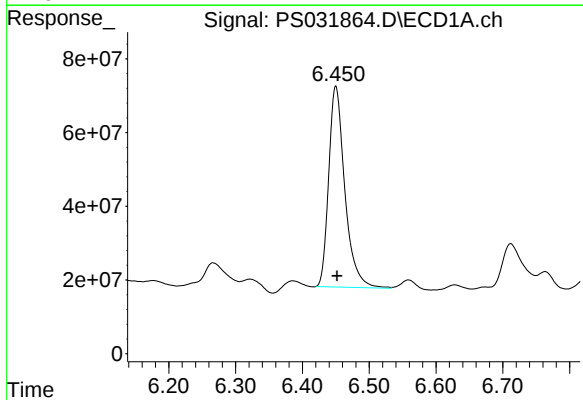
Reviewed By :Abdul Mirza 09/30/2025

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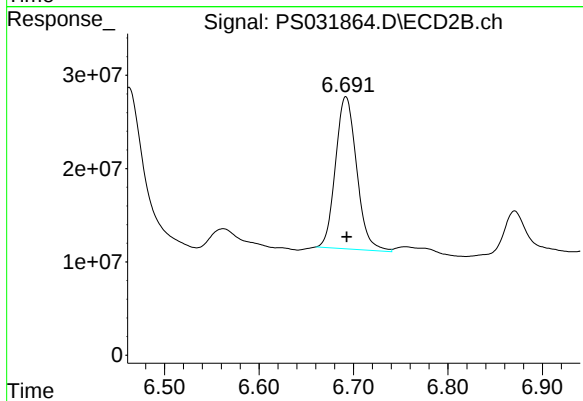
#1 Dalapon

R.T.: 2.658 min
Delta R.T.: -0.034 min
Response: 1854696853
Conc: 658.25 ng/ml



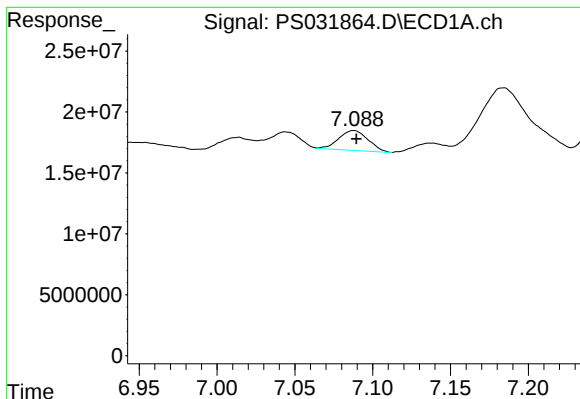
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 912416593
Conc: 171.08 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 253503031
Conc: 166.24 ng/ml



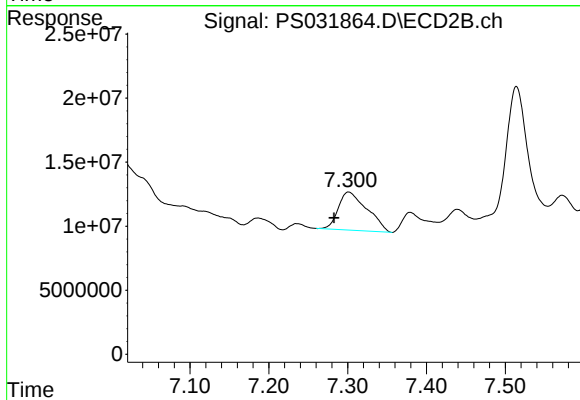
#3 4-Nitrophenol

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 21317622
Conc: 19.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

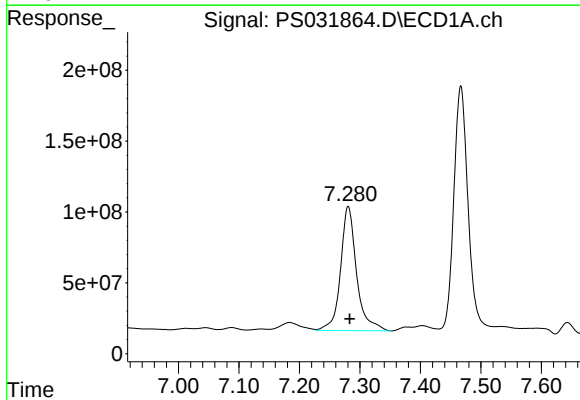
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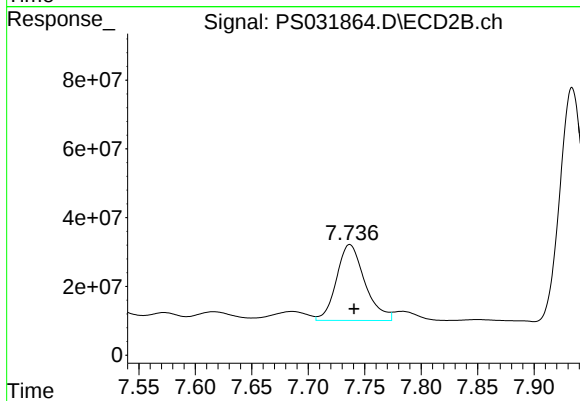
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.019 min
Response: 75661240
Conc: 59.92 ng/ml



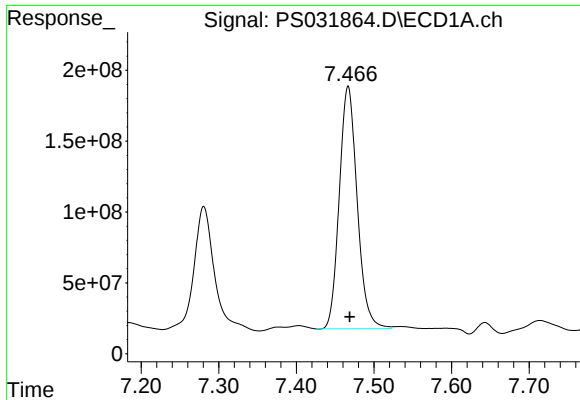
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.003 min
Response: 1616362276
Conc: 448.80 ng/ml



#4 2,4-DCAA

R.T.: 7.737 min
Delta R.T.: -0.004 min
Response: 386828729
Conc: 425.60 ng/ml



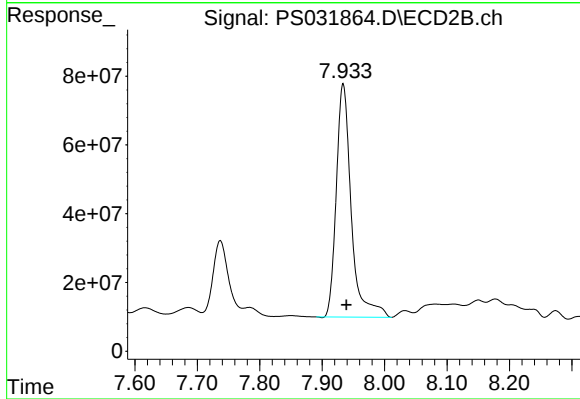
#5 DICAMBA

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 2745019769
Conc: 176.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

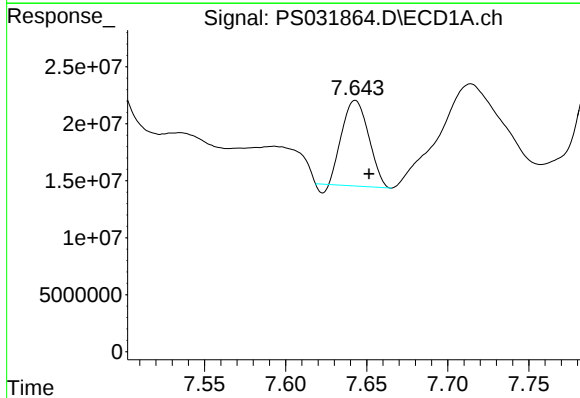
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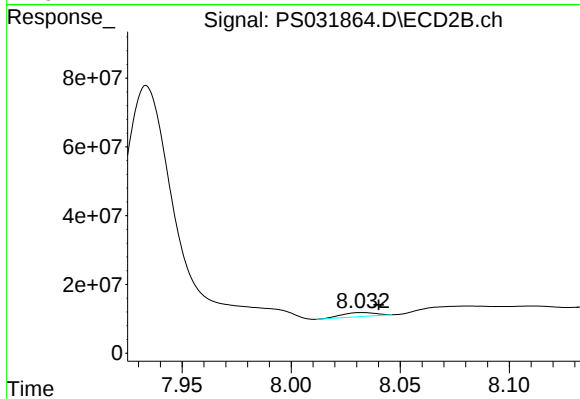
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.005 min
Response: 1127098310
Conc: 173.22 ng/ml



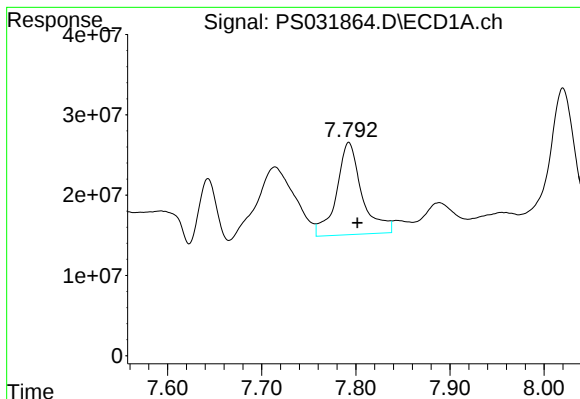
#6 MCPP

R.T.: 7.643 min
Delta R.T.: -0.008 min
Response: 84584673
Conc: 9.46 ug/ml



#6 MCPP

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 12764047
Conc: 6.78 ug/ml



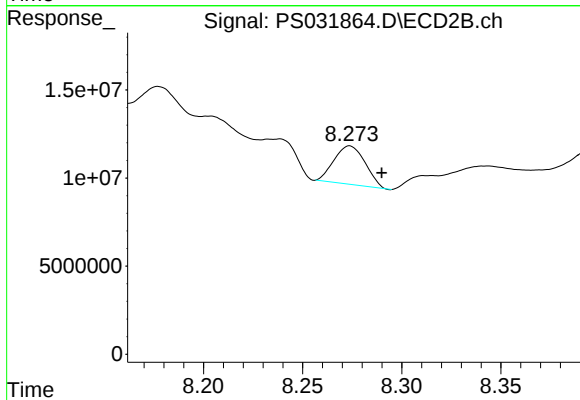
#7 MCPA

R.T.: 7.793 min
Delta R.T.: -0.009 min
Response: 215556755
Conc: 19.40 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

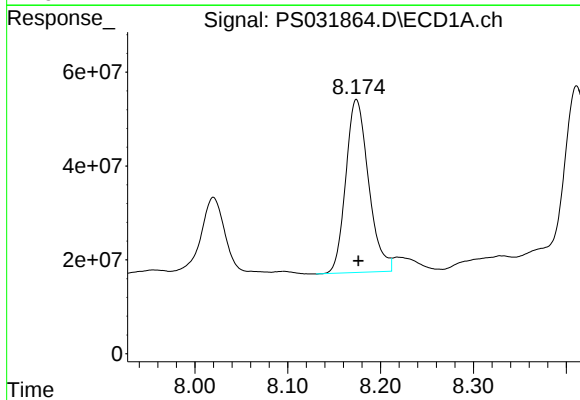
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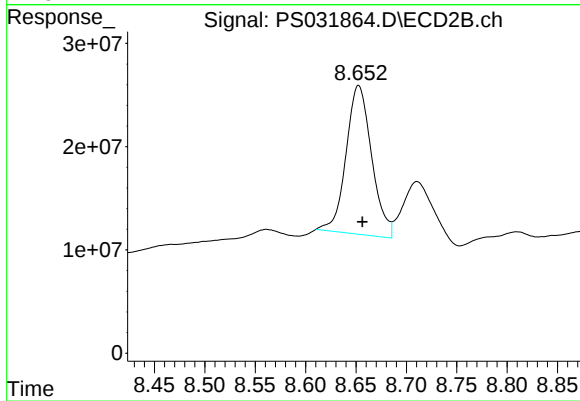
#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.016 min
Response: 23772334
Conc: 8.49 ug/ml



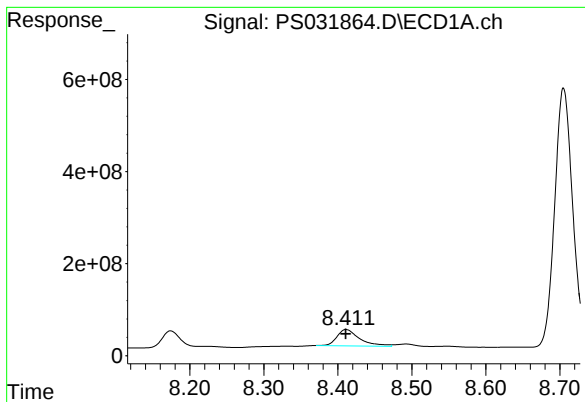
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 627746774
Conc: 176.25 ng/ml



#8 DICHLORPROP

R.T.: 8.653 min
Delta R.T.: -0.004 min
Response: 255027671
Conc: 175.27 ng/ml



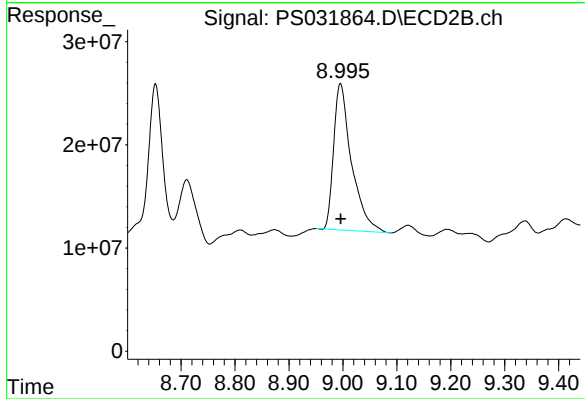
#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 753232326
Conc: 219.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

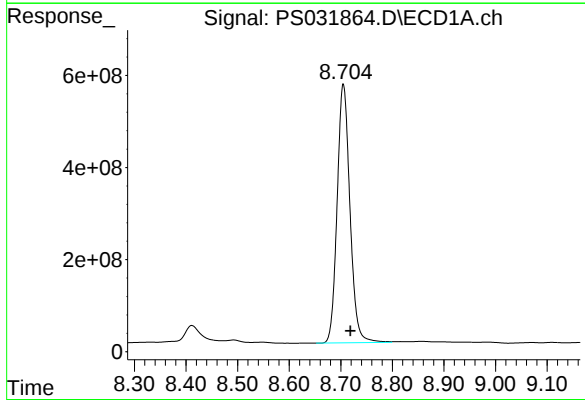
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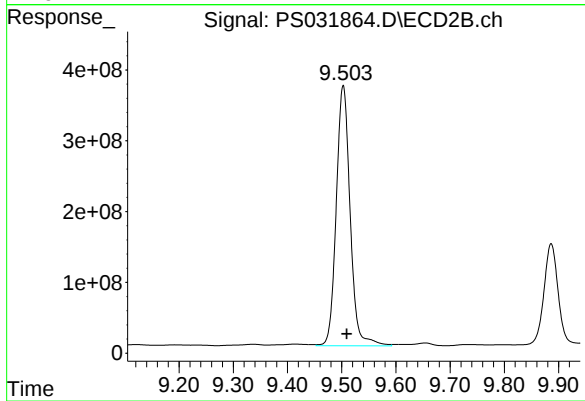
#9 2,4-D

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 326331457
Conc: 198.36 ng/ml



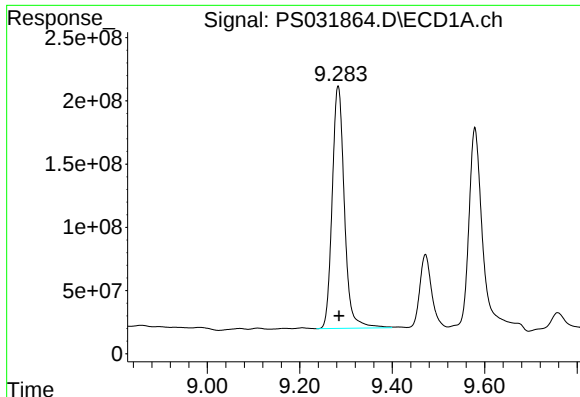
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: -0.014 min
Response: 9684099374
Conc: 182.40 ng/ml



#10 Pentachlorophenol

R.T.: 9.503 min
Delta R.T.: -0.007 min
Response: 6547785122
Conc: 164.97 ng/ml



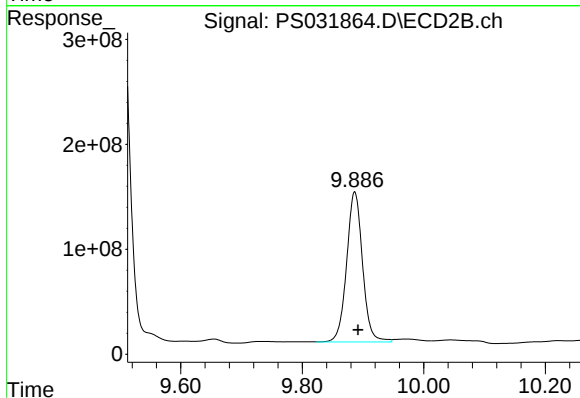
#11 2,4,5-TP (SILVEX)

R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 3514000827
Conc: 167.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169855BS

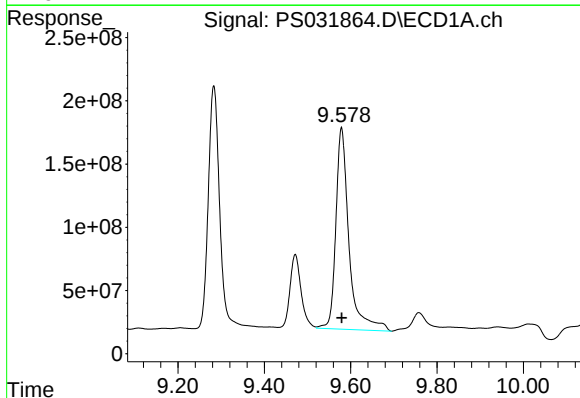
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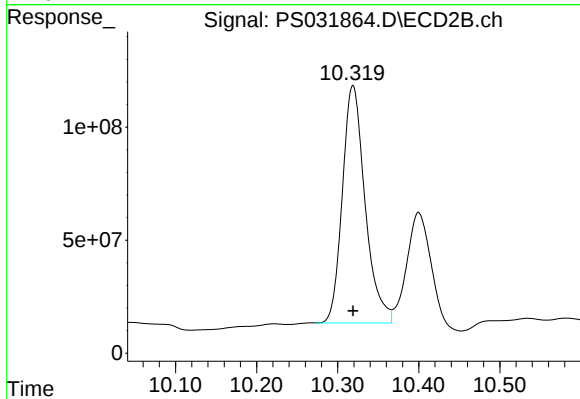
#11 2,4,5-TP (SILVEX)

R.T.: 9.886 min
Delta R.T.: -0.006 min
Response: 2601245567
Conc: 172.79 ng/ml m



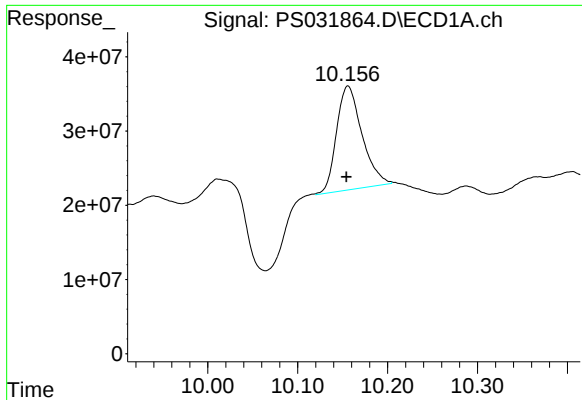
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 3369409110
Conc: 184.14 ng/ml



#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 2048575517
Conc: 152.23 ng/ml m



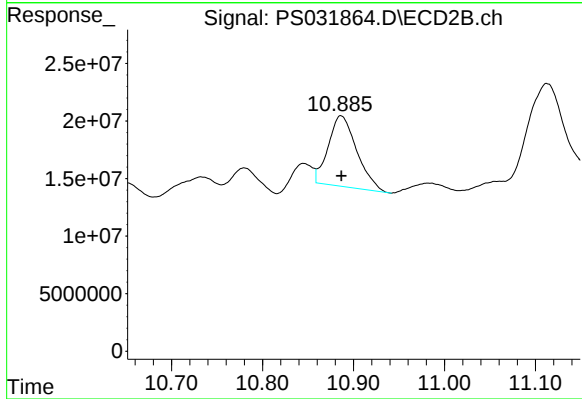
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.001 min
Response: 275308774
Conc: 118.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
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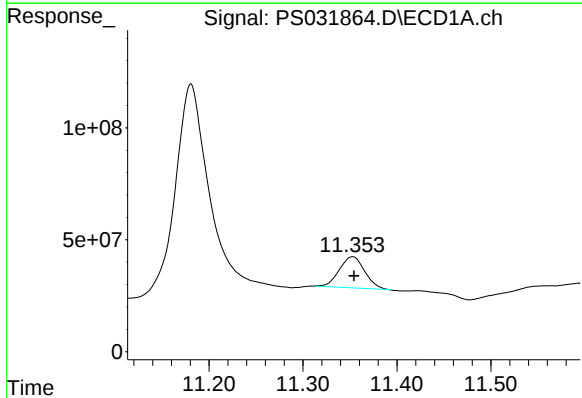
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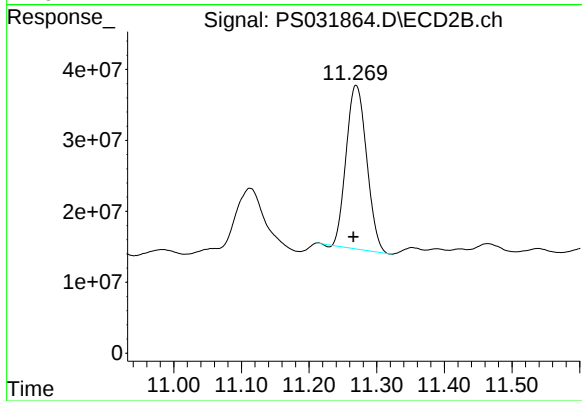
#13 2,4-DB

R.T.: 10.886 min
Delta R.T.: 0.000 min
Response: 133330855
Conc: 124.60 ng/ml



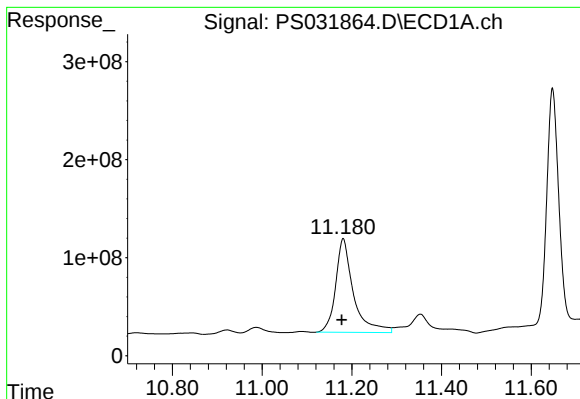
#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 261441146
Conc: 18.13 ng/ml m



#14 DINOSEB

R.T.: 11.270 min
Delta R.T.: 0.004 min
Response: 484921688
Conc: 49.89 ng/ml



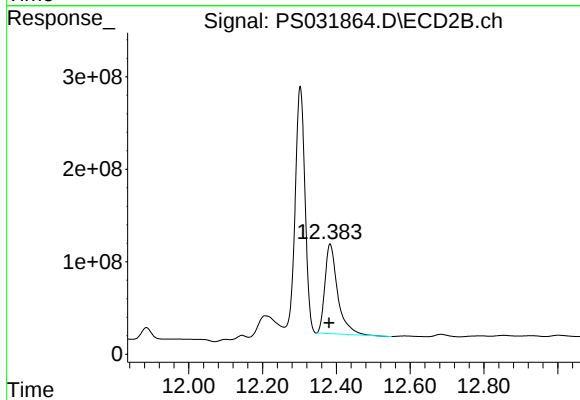
#15 Picloram

R.T.: 11.181 min
Delta R.T.: 0.003 min
Response: 2632031172
Conc: 146.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
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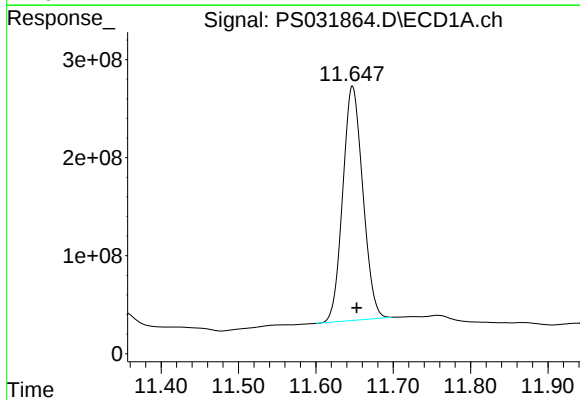
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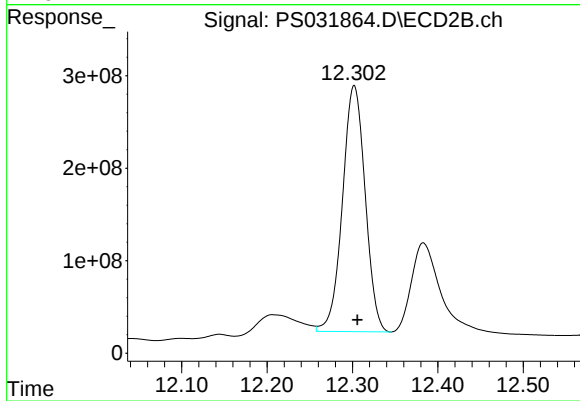
#15 Picloram

R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 2323695642
Conc: 98.12 ng/ml



#16 DCPA

R.T.: 11.647 min
Delta R.T.: -0.005 min
Response: 4303224395
Conc: 159.68 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.004 min
Response: 4912362085
Conc: 203.80 ng/ml m