

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 22:38
 Operator : AR\AJ
 Sample : Q2296-13MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-4MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/17/2025
 Supervised By : mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 04:17:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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 x 0.5 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	7.349	7.770	1759.4E6	571.4E6	467.826	529.261
Target Compounds							
1) T	Dalapon	2.695	2.707	903.1E6	392.1E6	144.380m	139.332m
2) T	3,5-DICHL...	6.509	6.714	1888.9E6	589.3E6	347.409m	364.309
3) T	4-Nitroph...	7.150	7.300	574.8E6	578.6E6	352.573	339.387
5) T	DICAMBA	7.541	7.971	5098.6E6	2131.8E6	325.880	321.516
6) T	MCP	7.720	8.068	274.0E6	52723172	28.806	23.950
7) T	MCPA	7.871	8.316	364.5E6	81592318	30.587	25.449
8) T	DICHLORPROP	8.256	8.690	1323.5E6	558.8E6	360.096	364.658
9) T	2,4-D	8.488	9.026	1453.9E6	619.9E6	427.565	369.744
10) T	Pentachlo...	8.796	9.551	15738.3E6	10841.4E6	304.473	285.782
11) T	2,4,5-TP ...	9.377	9.932	7325.1E6	5267.3E6	366.133	366.942
12) T	2,4,5-T	9.671	10.358	6117.1E6	4866.6E6	367.877	352.948
13) T	2,4-DB	10.251	10.925	749.5E6	409.4E6	303.308m	345.018
14) T	DINOSEB	11.469	11.316	454.0E6	722.0E6	32.059m	65.887 #
15) T	Picloram	11.277	12.419	5382.9E6	6626.0E6	322.401	276.361
16) T	DCPA	11.762	12.355	6346.3E6	6957.1E6	244.321	323.956 #

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

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ALS Vial : 20 Sample Multiplier: 1

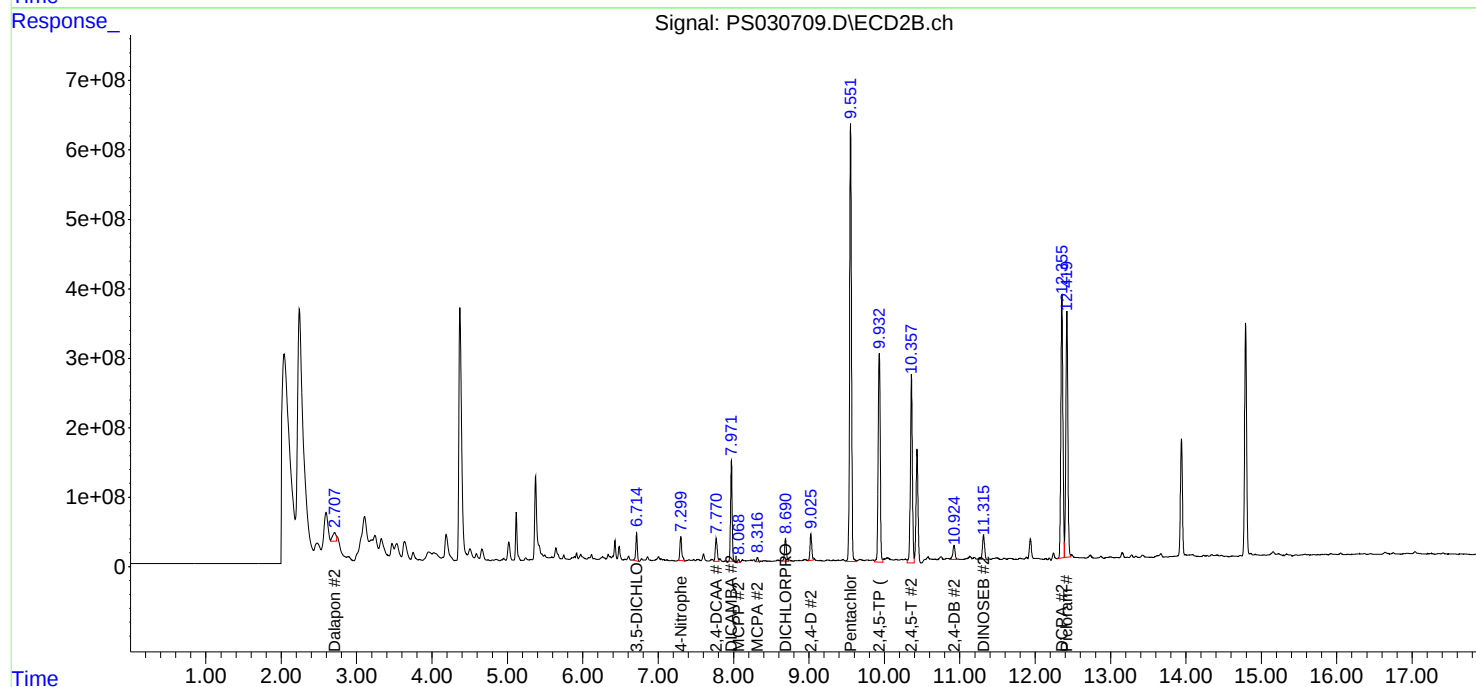
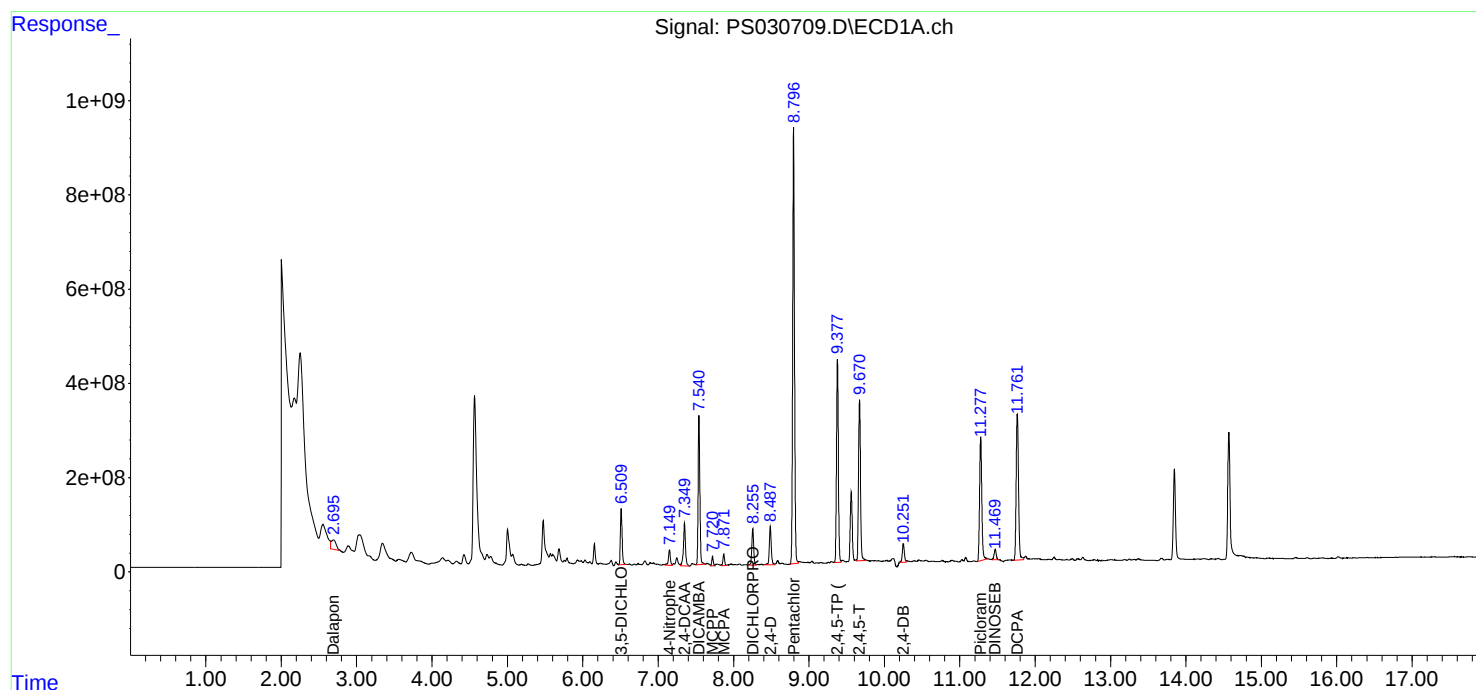
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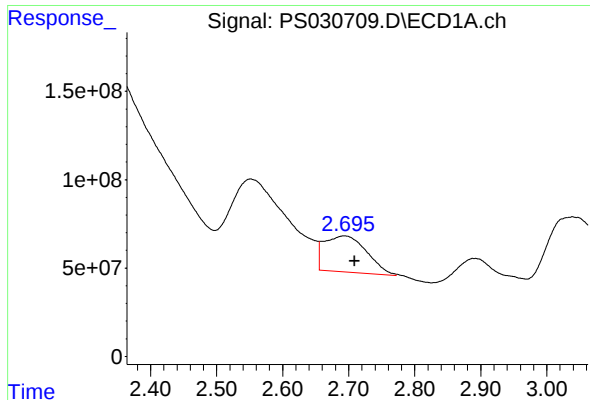
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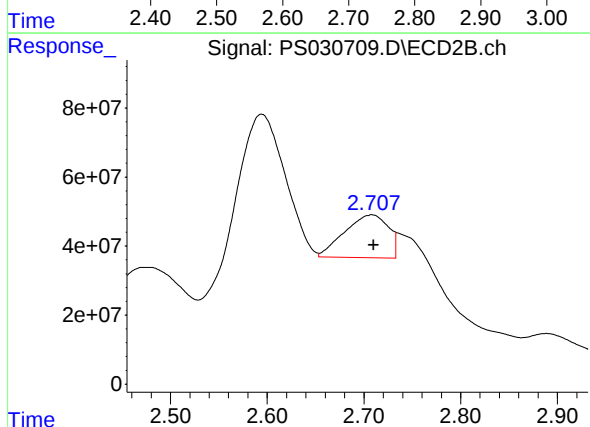
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.014 min
Response: 903059250
Conc: 144.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

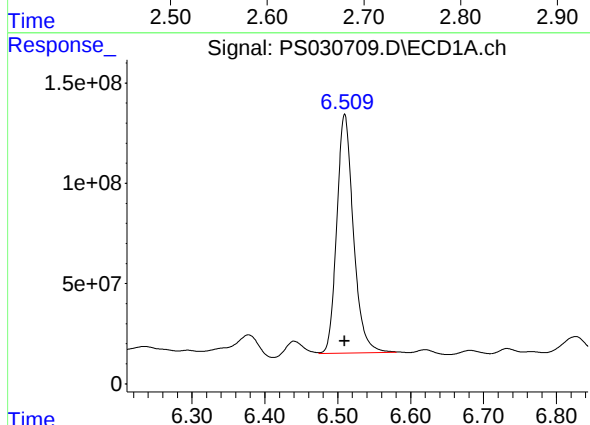
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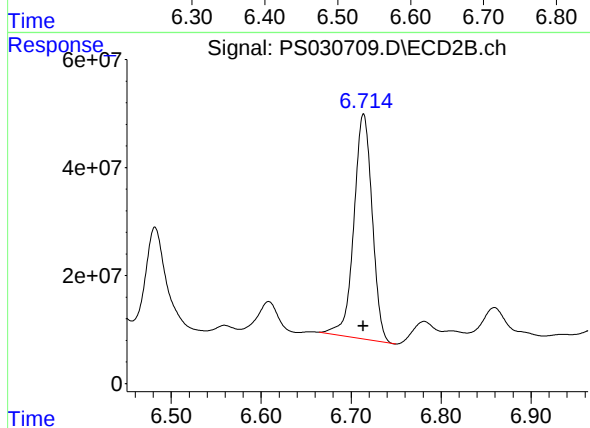
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: -0.003 min
Response: 392102851
Conc: 139.33 ng/ml



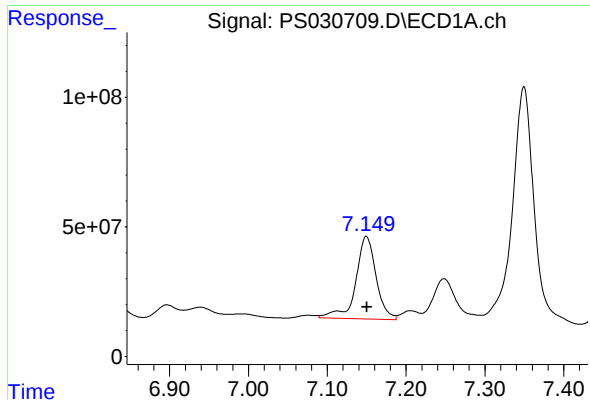
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 1888879973
Conc: 347.41 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 589335578
Conc: 364.31 ng/ml



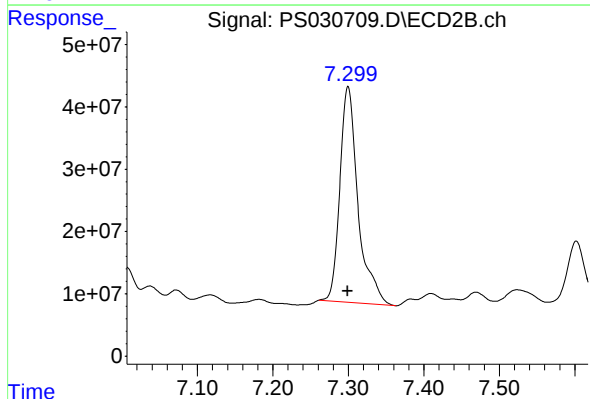
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 574781443
Conc: 352.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

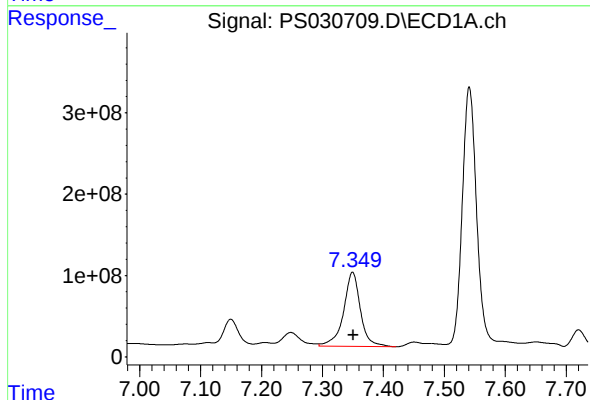
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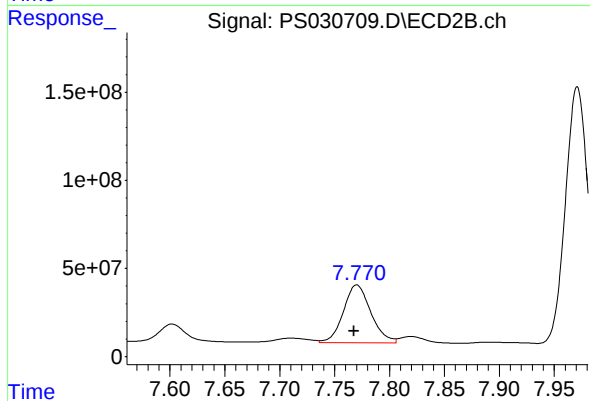
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 578602905
Conc: 339.39 ng/ml



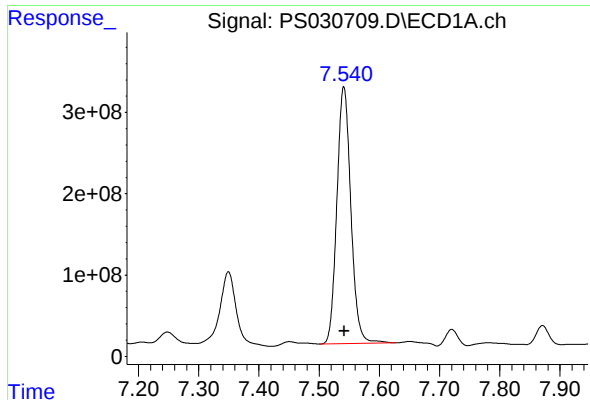
#4 2,4-DCAA

R.T.: 7.349 min
Delta R.T.: -0.001 min
Response: 1759408378
Conc: 467.83 ng/ml



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: 0.002 min
Response: 571437962
Conc: 529.26 ng/ml



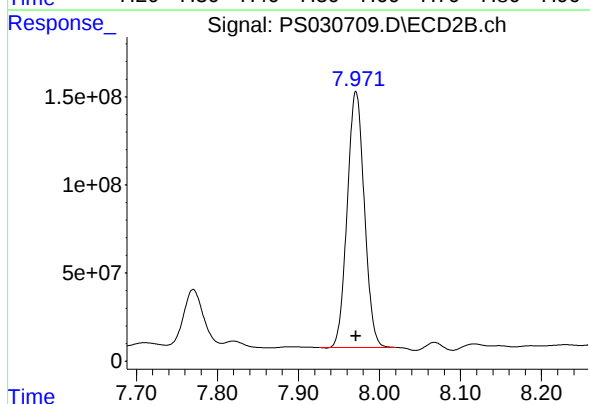
#5 DICAMBA

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 5098581206
Conc: 325.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

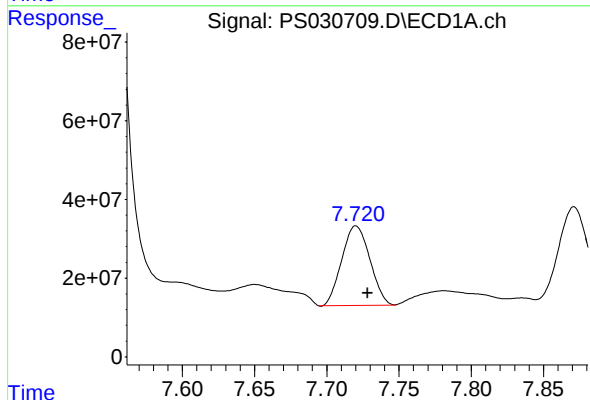
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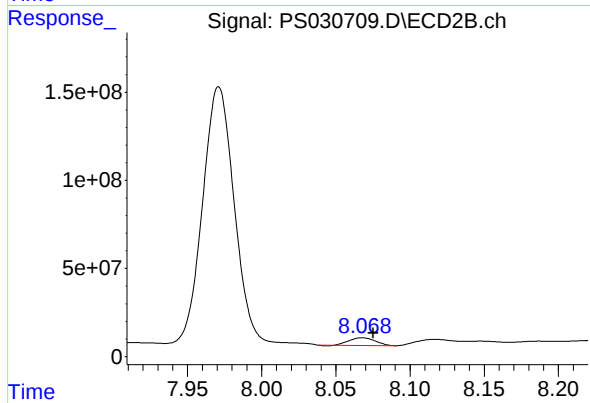
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 2131817891
Conc: 321.52 ng/ml



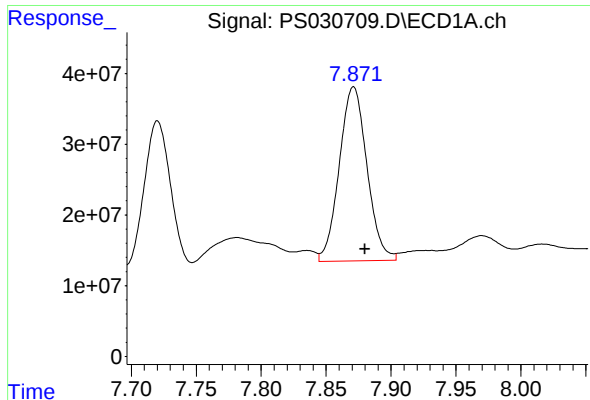
#6 MCPP

R.T.: 7.720 min
Delta R.T.: -0.008 min
Response: 273970665
Conc: 28.81 ug/ml



#6 MCPP

R.T.: 8.068 min
Delta R.T.: -0.007 min
Response: 52723172
Conc: 23.95 ug/ml



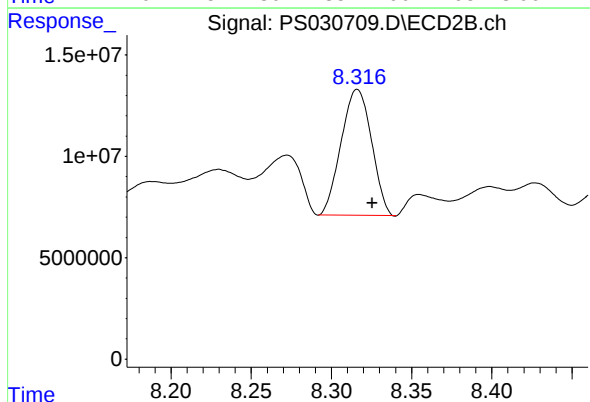
#7 MCPA

R.T.: 7.871 min
Delta R.T.: -0.009 min
Response: 364516297
Conc: 30.59 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

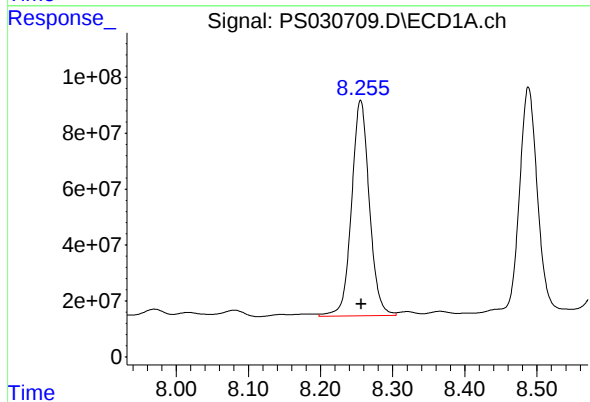
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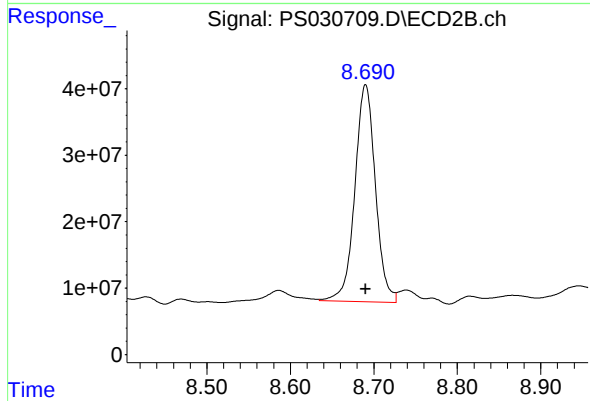
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.009 min
Response: 81592318
Conc: 25.45 ug/ml



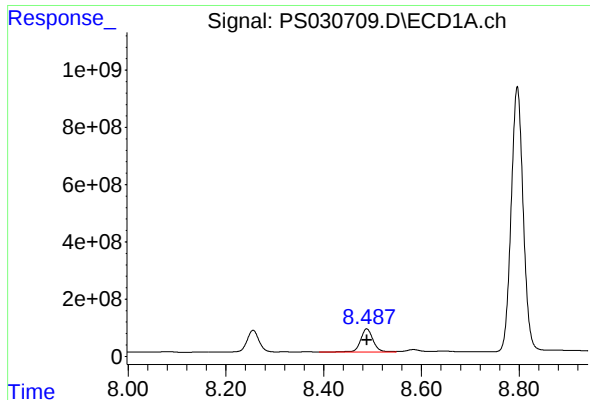
#8 DICHLORPROP

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 1323450918
Conc: 360.10 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 558789779
Conc: 364.66 ng/ml



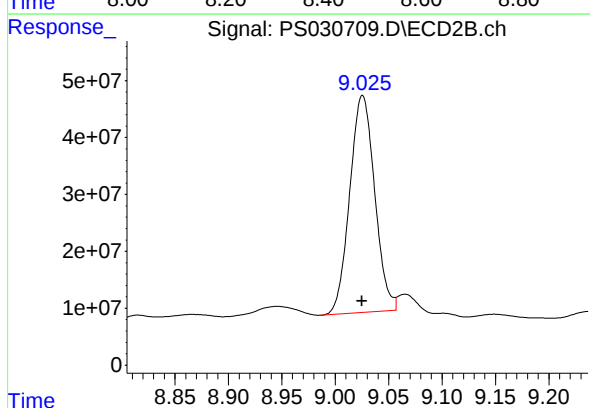
#9 2,4-D

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 1453876408
Conc: 427.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

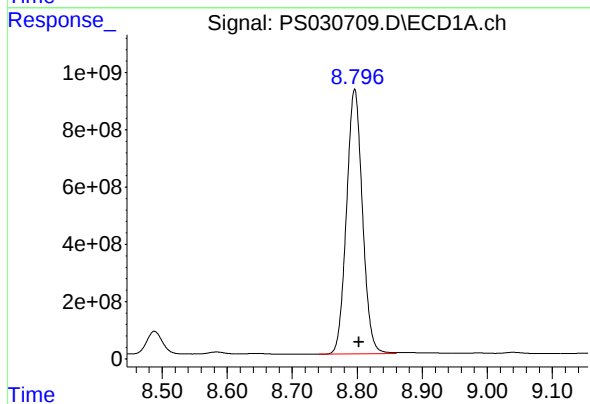
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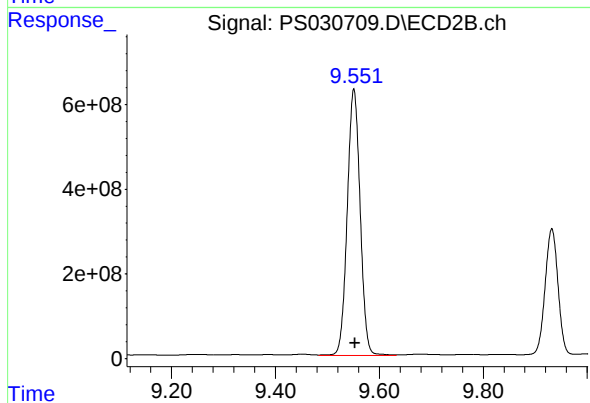
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 619854896
Conc: 369.74 ng/ml



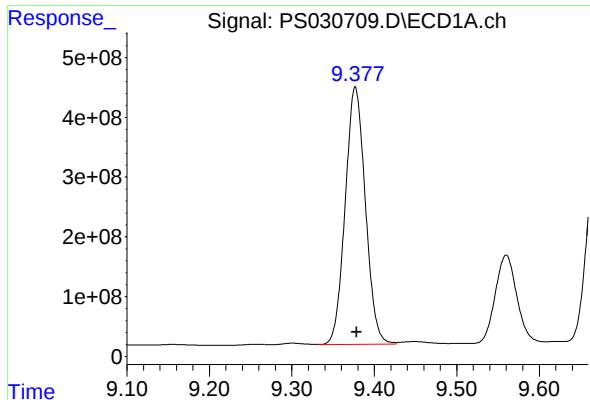
#10 Pentachlorophenol

R.T.: 8.796 min
Delta R.T.: -0.007 min
Response: 15738301172
Conc: 304.47 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 10841409032
Conc: 285.78 ng/ml



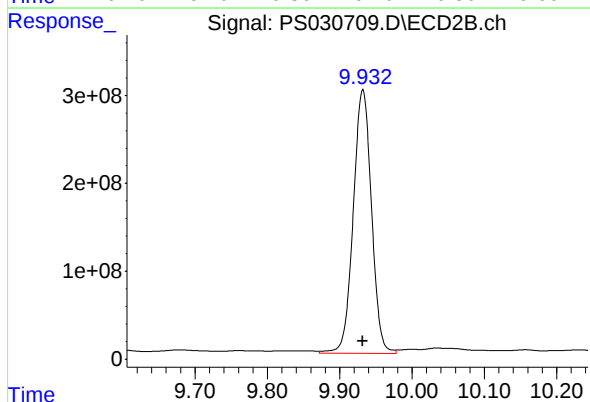
#11 2,4,5-TP (SILVEX)

R.T.: 9.377 min
Delta R.T.: -0.001 min
Response: 7325149561
Conc: 366.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

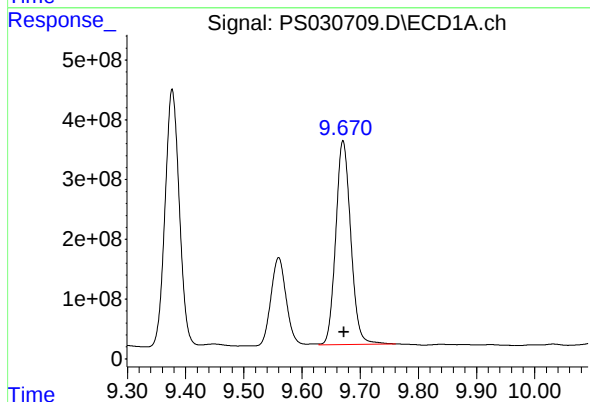
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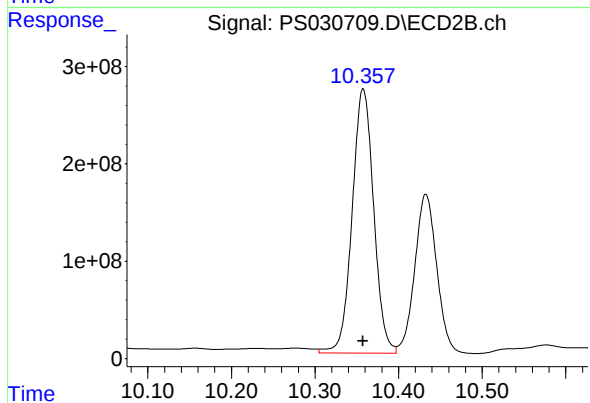
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 5267303709
Conc: 366.94 ng/ml



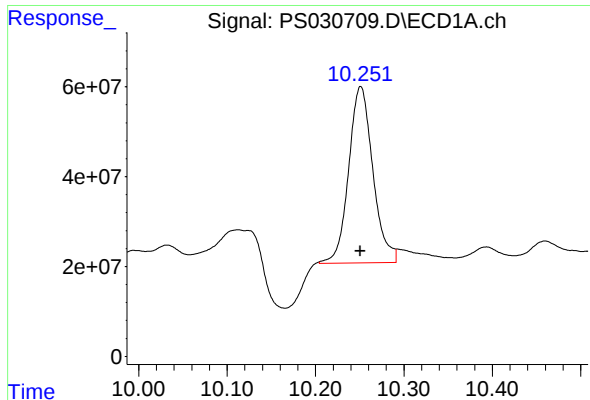
#12 2,4,5-T

R.T.: 9.671 min
Delta R.T.: -0.002 min
Response: 6117077727
Conc: 367.88 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 4866641245
Conc: 352.95 ng/ml



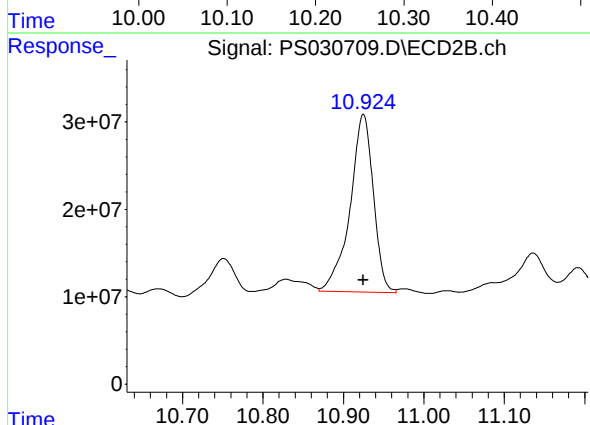
#13 2,4-DB

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 749520741
Conc: 303.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

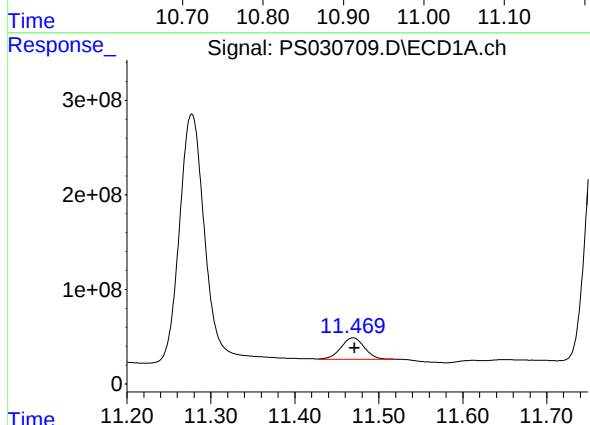
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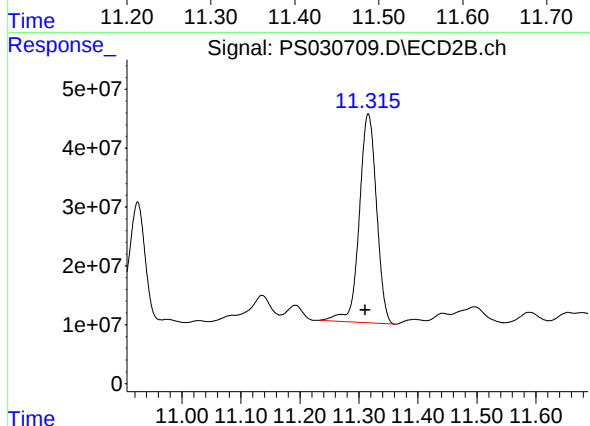
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 409383242
Conc: 345.02 ng/ml



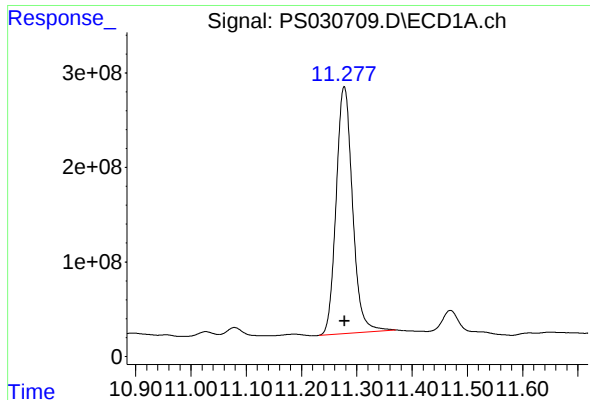
#14 DINOSEB

R.T.: 11.469 min
Delta R.T.: -0.002 min
Response: 453998686
Conc: 32.06 ng/ml m



#14 DINOSEB

R.T.: 11.316 min
Delta R.T.: 0.005 min
Response: 721954541
Conc: 65.89 ng/ml



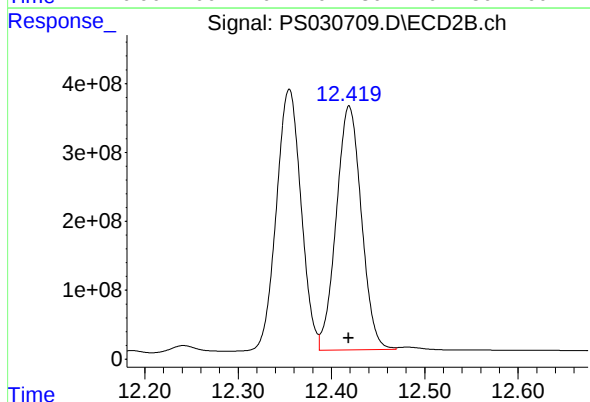
#15 Picloram

R.T.: 11.277 min
Delta R.T.: -0.001 min
Response: 5382879539
Conc: 322.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-4MSD

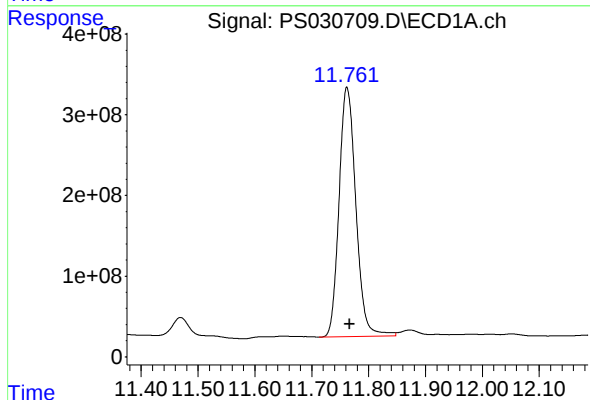
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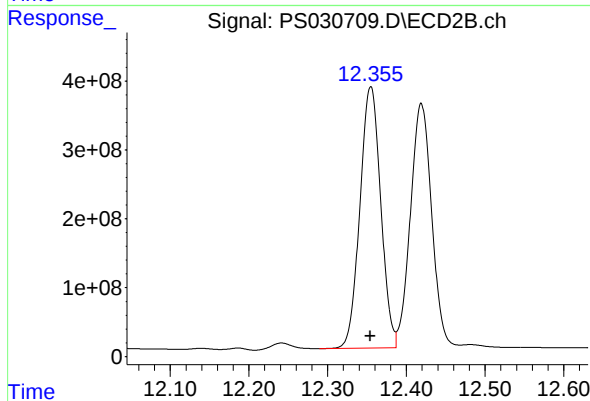
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 6625982299
Conc: 276.36 ng/ml



#16 DCPA

R.T.: 11.762 min
Delta R.T.: -0.005 min
Response: 6346289296
Conc: 244.32 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 6957144139
Conc: 323.96 ng/ml