

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070225\
 Data File : PS030897.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 16:24
 Operator : AR\AJ
 Sample : Q2436-10MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-82MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:44:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.339	7.768	1163.7E6	343.6E6	316.707	320.507
Target Compounds							
1) T	Dalapon	2.692	2.705	410.0E6	851.9E6	68.726m	310.710m#
2) T	3,5-DICHL...	6.500	6.714	1442.3E6	447.7E6	268.214	277.537
3) T	4-Nitroph...	7.139	7.301	430.1E6	471.5E6	272.790	272.008
5) T	DICAMBA	7.529	7.971	2810.4E6	1175.0E6	184.713	179.299
6) T	MCPD	7.707	8.067	248.7E6	46586327	26.494m	22.212
7) T	MCPA	7.858	8.314	333.8E6	79922266	28.454	25.406
8) T	DICHLORPROP	8.242	8.689	1242.9E6	467.4E6	331.824	297.228m
9) T	2,4-D	8.474	9.026	1216.8E6	576.5E6	353.268	339.254
10) T	Pentachlo...	8.781	9.549	17472.4E6	11717.6E6	330.132	307.370
11) T	2,4,5-TP ...	9.361	9.930	6521.3E6	4570.5E6	325.571	316.766
12) T	2,4,5-T	9.655	10.357	5295.9E6	4269.1E6	321.878	312.422
13) T	2,4-DB	10.234	10.924	675.3E6	371.5E6	294.452m	314.040
14) T	DINOSEB	11.450	11.317	393.3E6	1250.5E6	28.351m	115.984 #
15) T	Picloram	11.259	12.419	1896.1E6	1818.7E6	117.942m	78.252 #
16) T	DCPA	11.738f	12.353	323.0E6	496.8E6	12.608m	22.537m#

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

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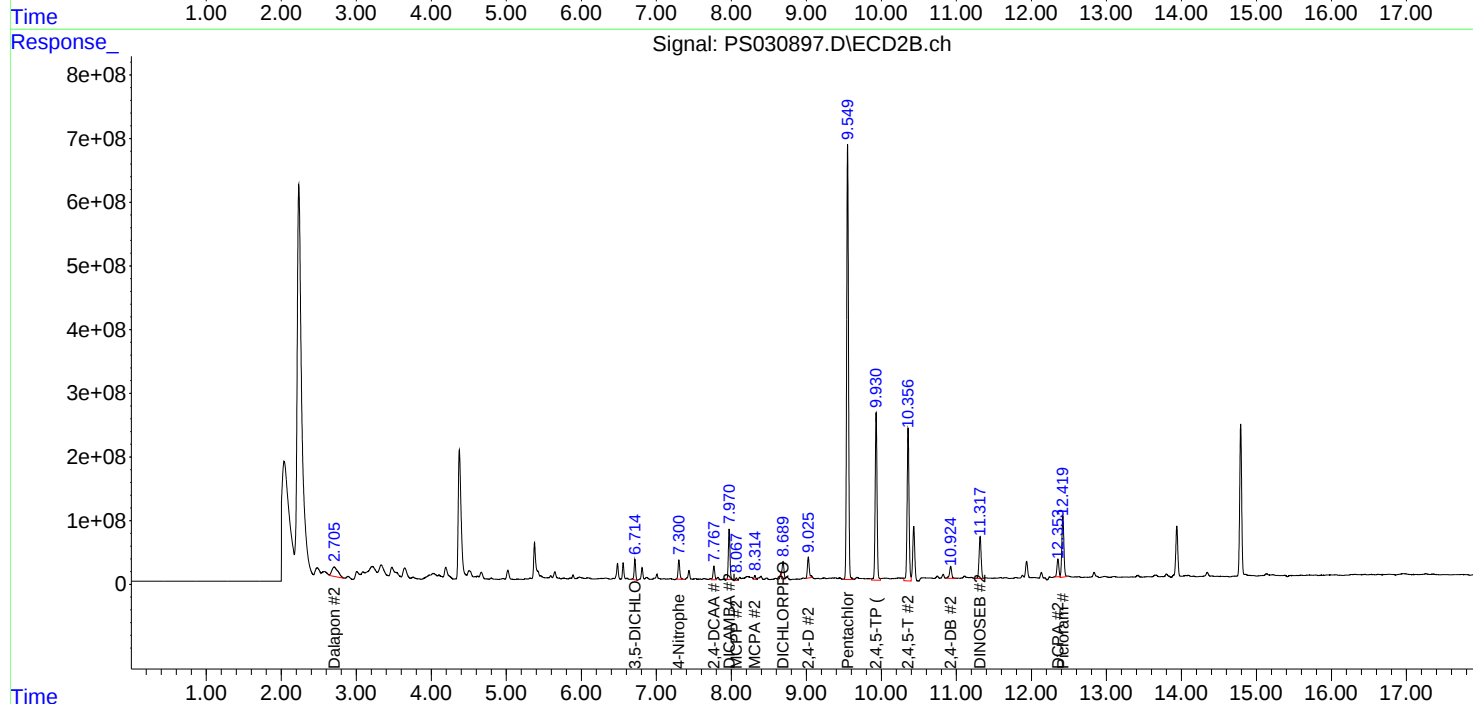
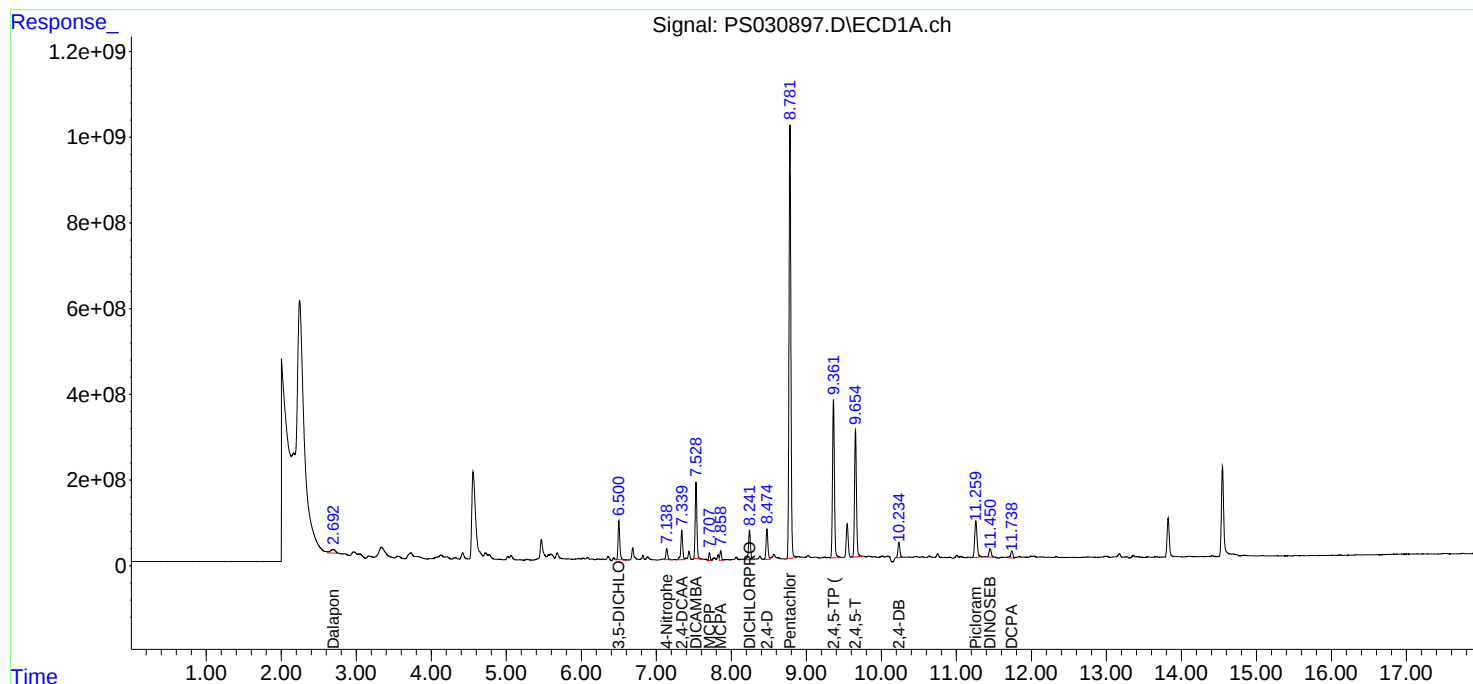
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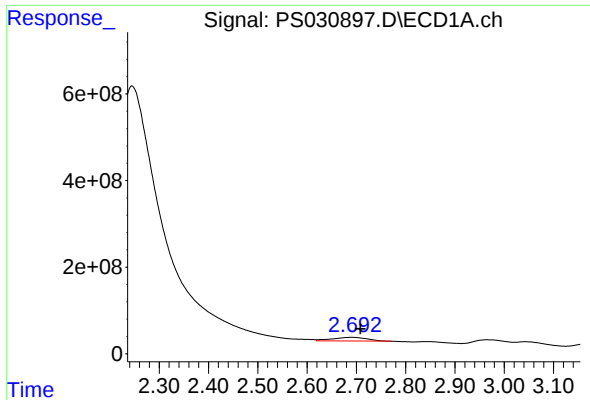
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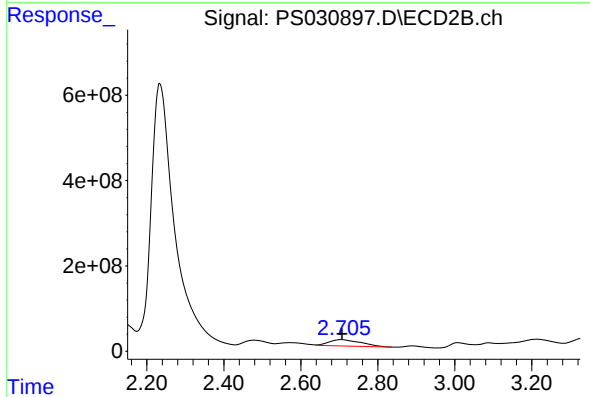
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: -0.016 min
Response: 409994287
Conc: 68.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MSD

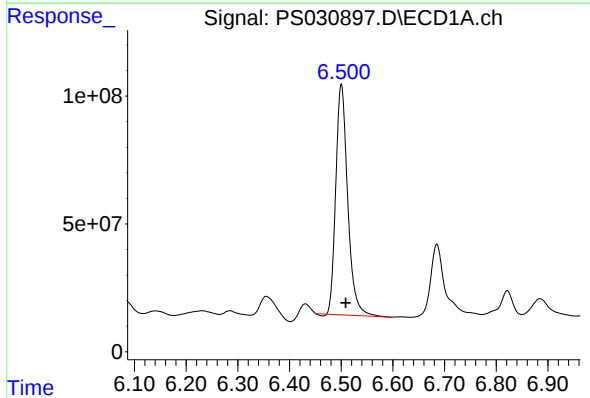
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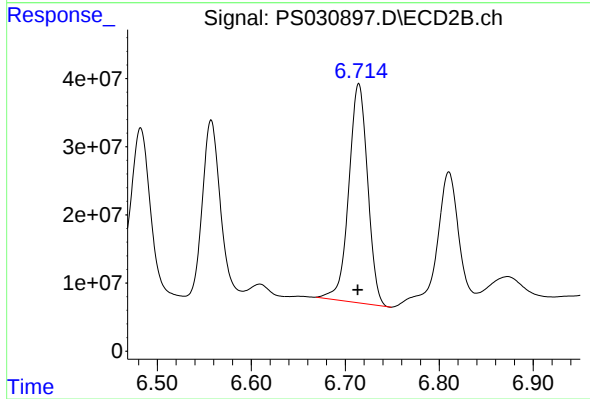
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.002 min
Response: 851888064
Conc: 310.71 ng/ml m



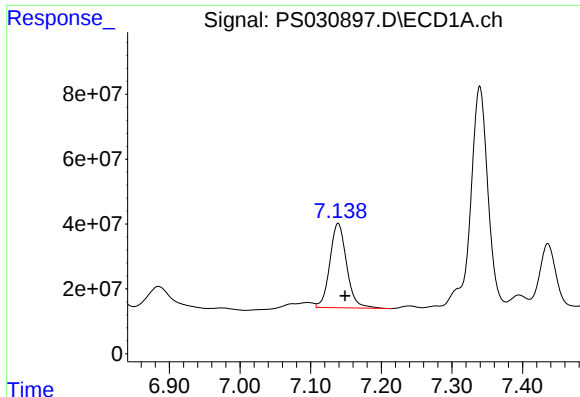
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.500 min
Delta R.T.: -0.009 min
Response: 1442333045
Conc: 268.21 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 447709436
Conc: 277.54 ng/ml



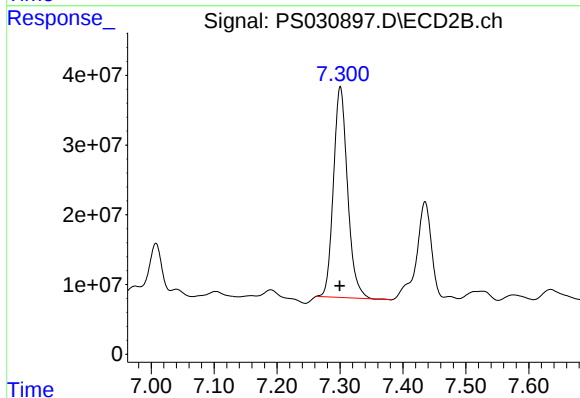
#3 4-Nitrophenol

R.T.: 7.139 min
Delta R.T.: -0.010 min
Response: 430127056
Conc: 272.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MSD

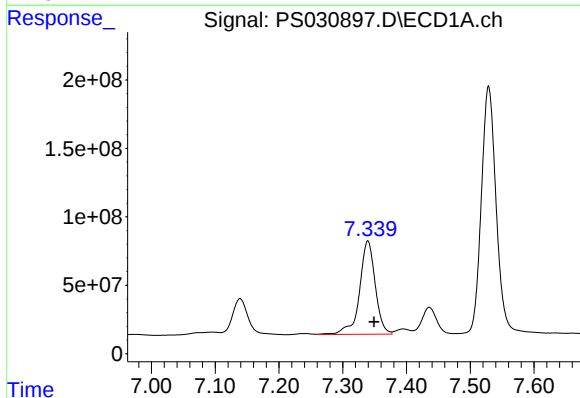
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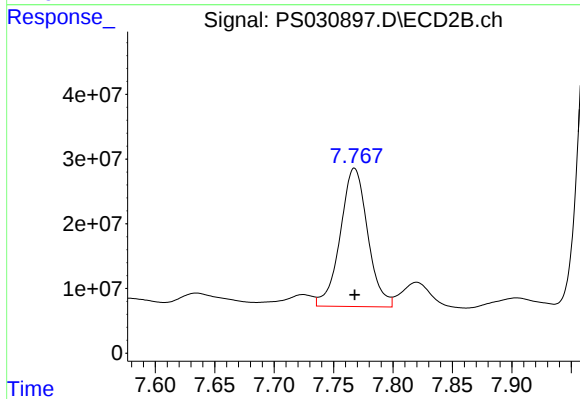
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.001 min
Response: 471535898
Conc: 272.01 ng/ml



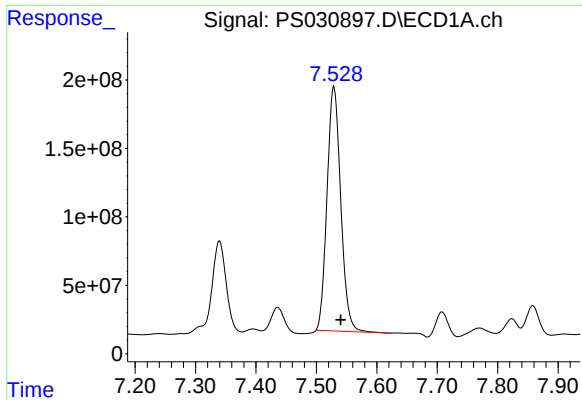
#4 2,4-DCAA

R.T.: 7.339 min
Delta R.T.: -0.010 min
Response: 1163705621
Conc: 316.71 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 343572437
Conc: 320.51 ng/ml



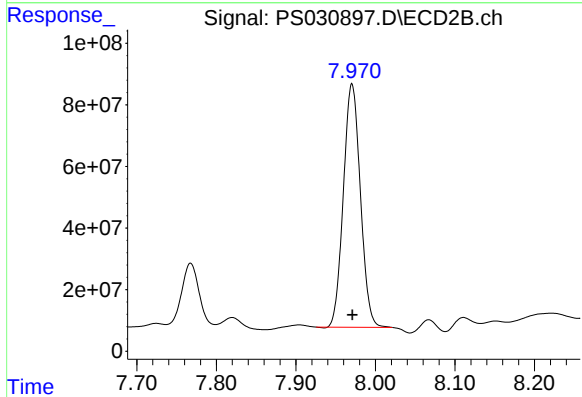
#5 DICAMBA

R.T.: 7.529 min
Delta R.T.: -0.012 min
Response: 2810423685
Conc: 184.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MSD

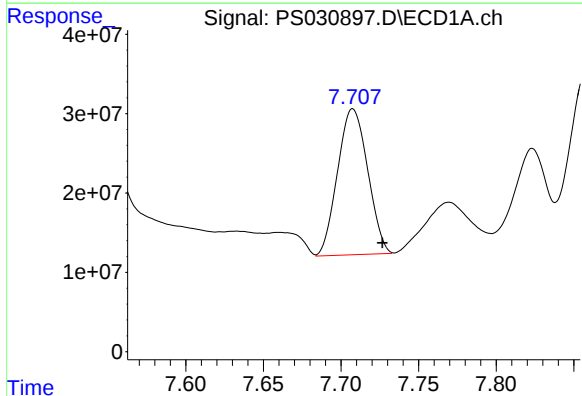
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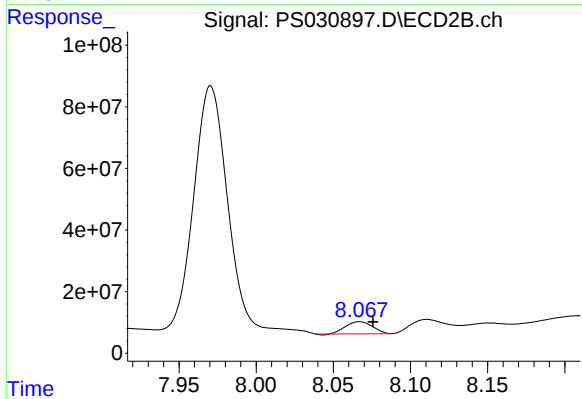
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 1174983804
Conc: 179.30 ng/ml



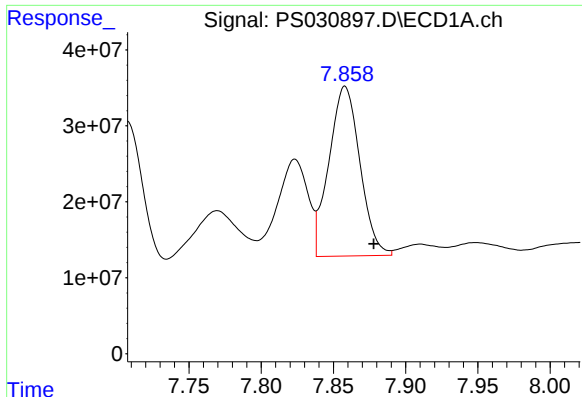
#6 MCP

R.T.: 7.707 min
Delta R.T.: -0.020 min
Response: 248735776
Conc: 26.49 ug/ml m



#6 MCP

R.T.: 8.067 min
Delta R.T.: -0.009 min
Response: 46586327
Conc: 22.21 ug/ml



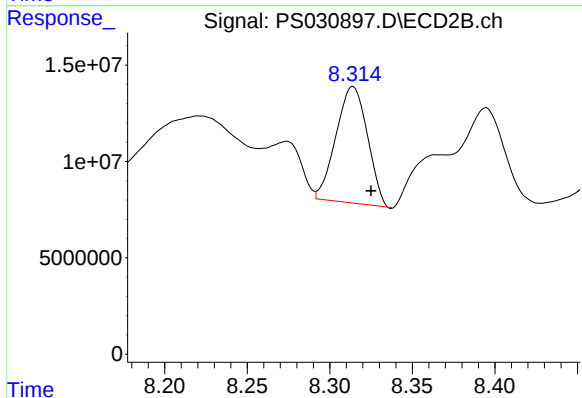
#7 MCPA

R.T.: 7.858 min
Delta R.T.: -0.020 min
Response: 333783584
Conc: 28.45 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MSD

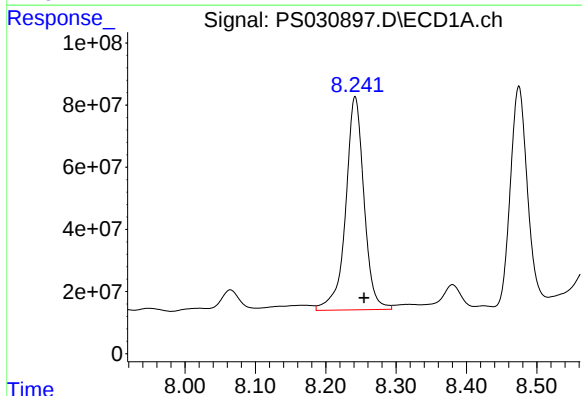
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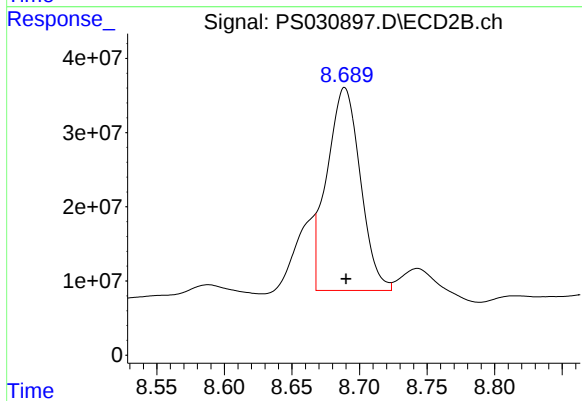
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.011 min
Response: 79922266
Conc: 25.41 ug/ml



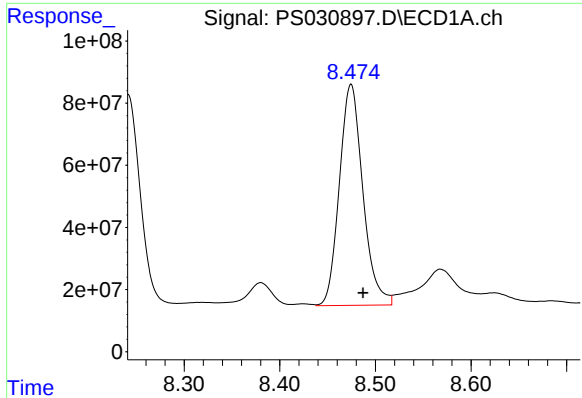
#8 DICHLORPROP

R.T.: 8.242 min
Delta R.T.: -0.013 min
Response: 1242935789
Conc: 331.82 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 467389044
Conc: 297.23 ng/ml m



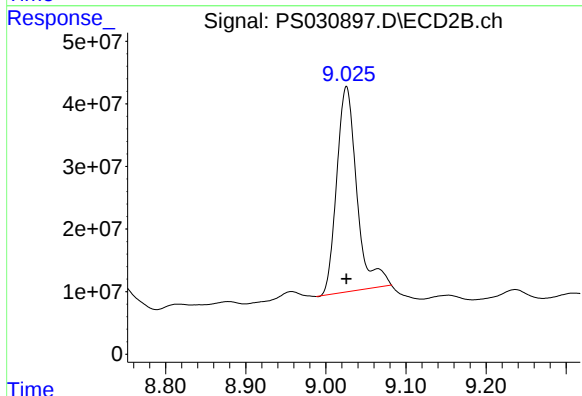
#9 2,4-D

R.T.: 8.474 min
Delta R.T.: -0.013 min
Response: 1216799296
Conc: 353.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MSD

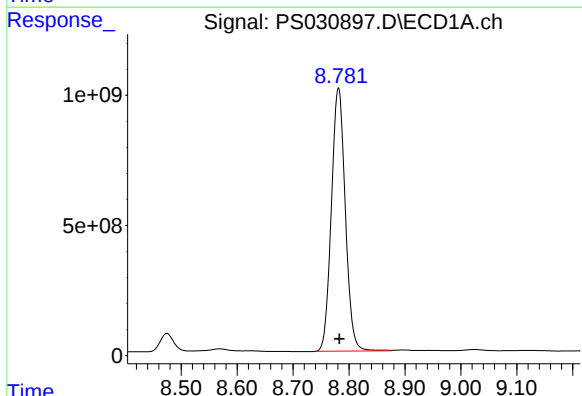
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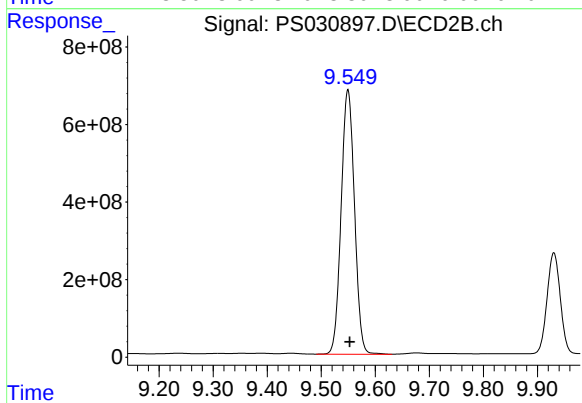
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 576530373
Conc: 339.25 ng/ml



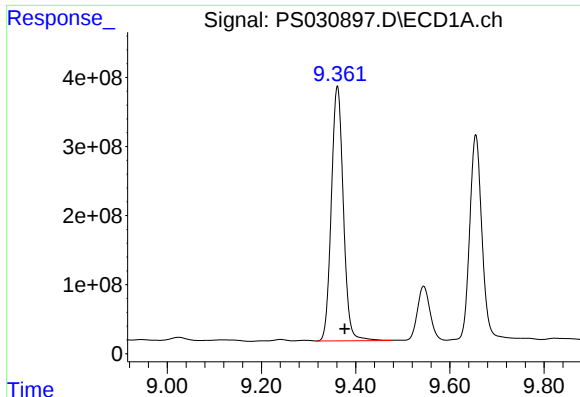
#10 Pentachlorophenol

R.T.: 8.781 min
Delta R.T.: -0.002 min
Response: 17472390885
Conc: 330.13 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.004 min
Response: 11717586530
Conc: 307.37 ng/ml



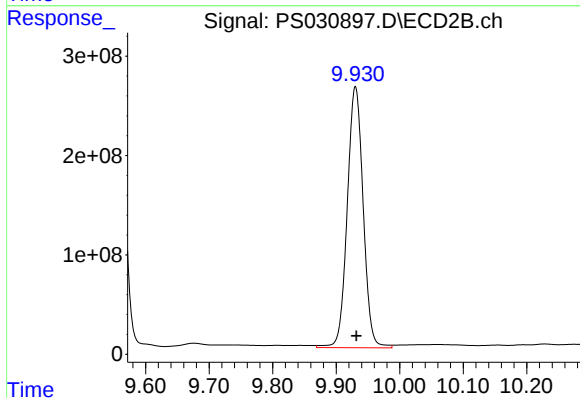
#11 2,4,5-TP (SILVEX)

R.T.: 9.361 min
Delta R.T.: -0.015 min
Response: 6521326549
Conc: 325.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MSD

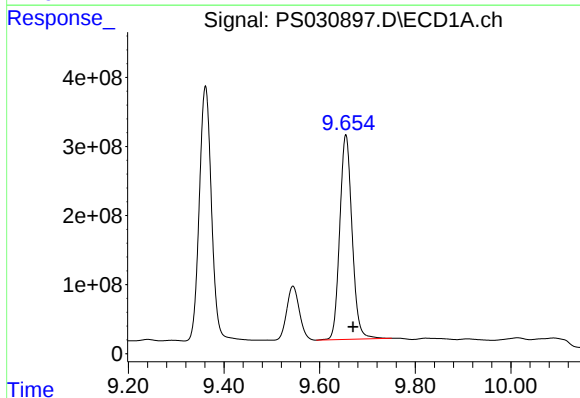
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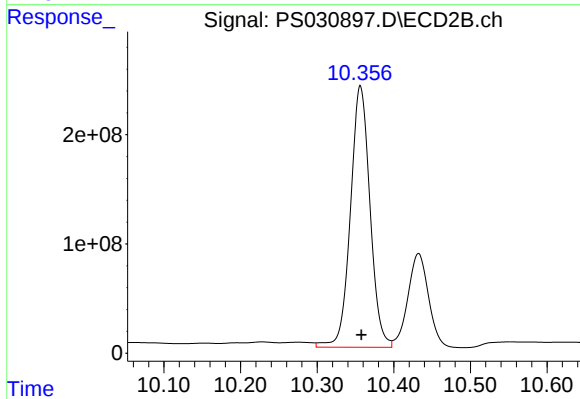
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 4570522465
Conc: 316.77 ng/ml



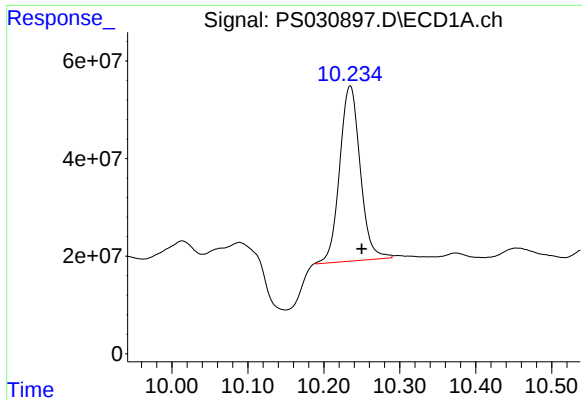
#12 2,4,5-T

R.T.: 9.655 min
Delta R.T.: -0.015 min
Response: 5295903901
Conc: 321.88 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 4269125928
Conc: 312.42 ng/ml



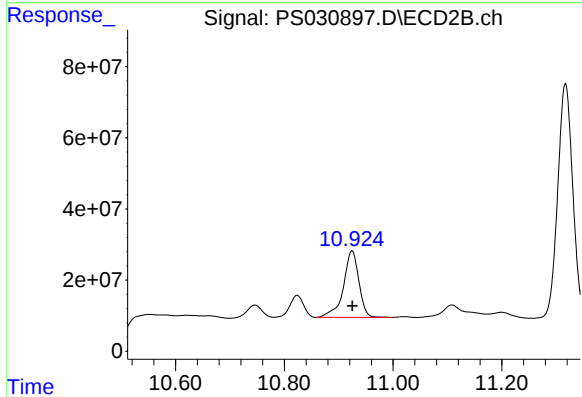
#13 2,4-DB

R.T.: 10.234 min
Delta R.T.: -0.015 min
Response: 675326696
Conc: 294.45 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-82MSD

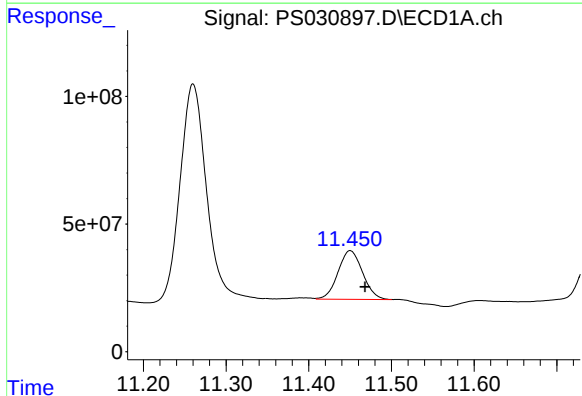
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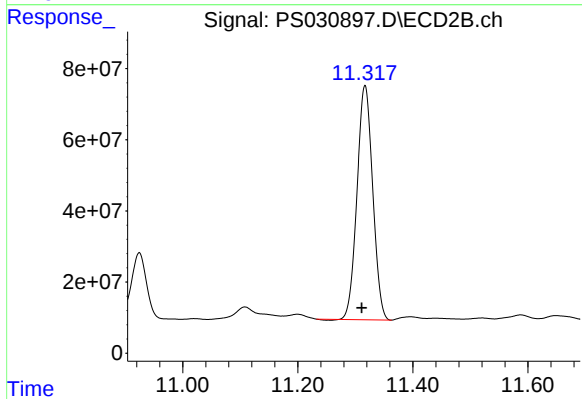
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: 0.000 min
Response: 371478519
Conc: 314.04 ng/ml



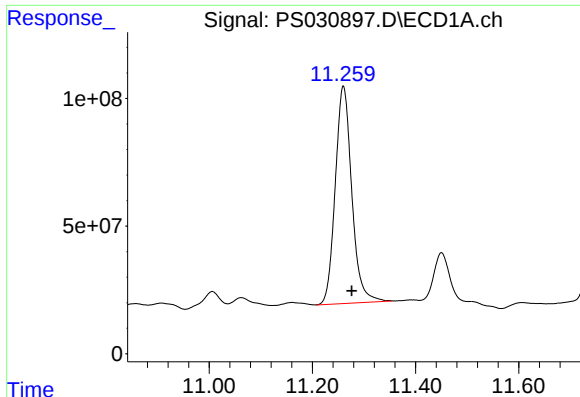
#14 DINOSEB

R.T.: 11.450 min
Delta R.T.: -0.019 min
Response: 393321623
Conc: 28.35 ng/ml m



#14 DINOSEB

R.T.: 11.317 min
Delta R.T.: 0.006 min
Response: 1250456127
Conc: 115.98 ng/ml



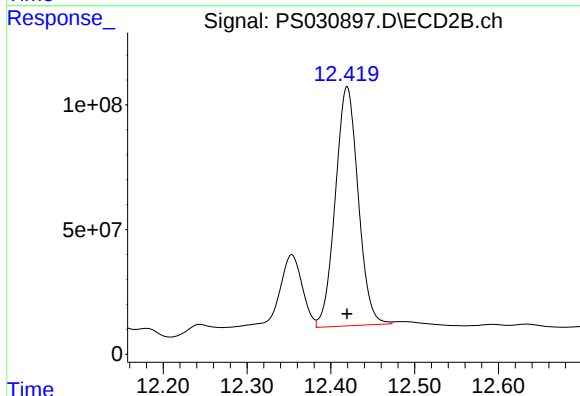
#15 Picloram

R.T.: 11.259 min
Delta R.T.: -0.017 min
Response: 1896053745
Conc: 117.94 ng/ml

Instrument :
ECD_S
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TP-82MSD

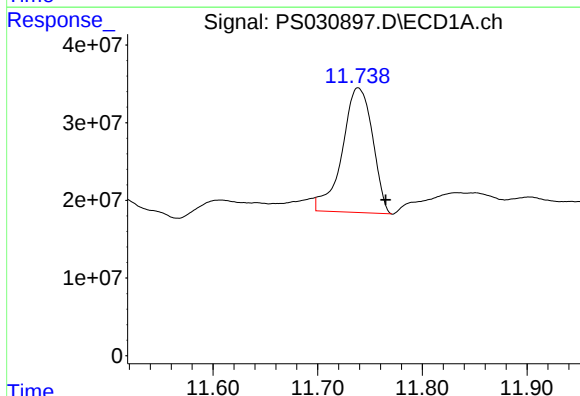
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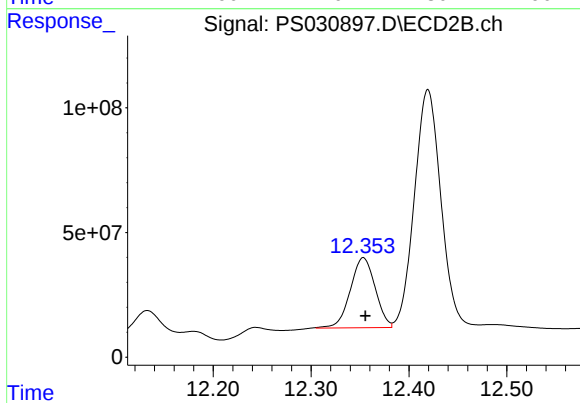
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 1818695217
Conc: 78.25 ng/ml



#16 DCPA

R.T.: 11.738 min
Delta R.T.: -0.027 min
Response: 322965786
Conc: 12.61 ng/ml m



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 496770733
Conc: 22.54 ng/ml m