

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080825\
 Data File : PS031406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2025 18:11
 Operator : AR\AJ
 Sample : Q2763-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2025
 Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 03:30:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 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	7.291	7.745	773.5E6	209.6E6	243.715	247.947
Target Compounds							
1) T	Dalapon	2.670	2.697	1981.1E6	1022.7E6	377.435m	384.311m
2) T	3,5-DICHL...	6.459	6.696	988.4E6	277.7E6	209.474	205.406m
3) T	4-Nitroph...	7.091	7.292	49196313	77895481	47.686	61.975m#
5) T	DICAMBA	7.478	7.945	3120.7E6	1179.5E6	223.444	207.565
6) T	MCPD	7.656	8.050	113.2E6	117.5E6	14.069	66.442 #
7) T	MCPA	7.806	8.287	276.3E6	59033428	27.742	21.042m
8) T	DICHLORPROP	8.186	8.663	642.2E6	273.7E6	202.445m	204.980m
9) T	2,4-D	8.419	9.001	1004.9E6	384.7E6	349.306	269.502
10) T	Pentachlo...	8.719	9.516	9234.4E6	6142.1E6	192.335	176.353
11) T	2,4,5-TP ...	9.297	9.900	3483.6E6	2572.1E6	194.359	196.103
12) T	2,4,5-T	9.591	10.327	3362.2E6	2123.0E6	229.479	179.309
13) T	2,4-DB	10.166	10.899	370.1E6	454.3E6	192.582m	470.807 #
14) T	DINOSEB	11.371	11.283	473.7E6	612.7E6	37.362m	64.786 #
15) T	Picloram	11.189	12.390	3391.6E6	3441.7E6	259.811m	196.337
16) T	DCPA	11.668	12.318	4028.9E6	4350.7E6	176.866	220.845

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

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Acq On : 08 Aug 2025 18:11
Operator : AR\AJ
Sample : Q2763-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

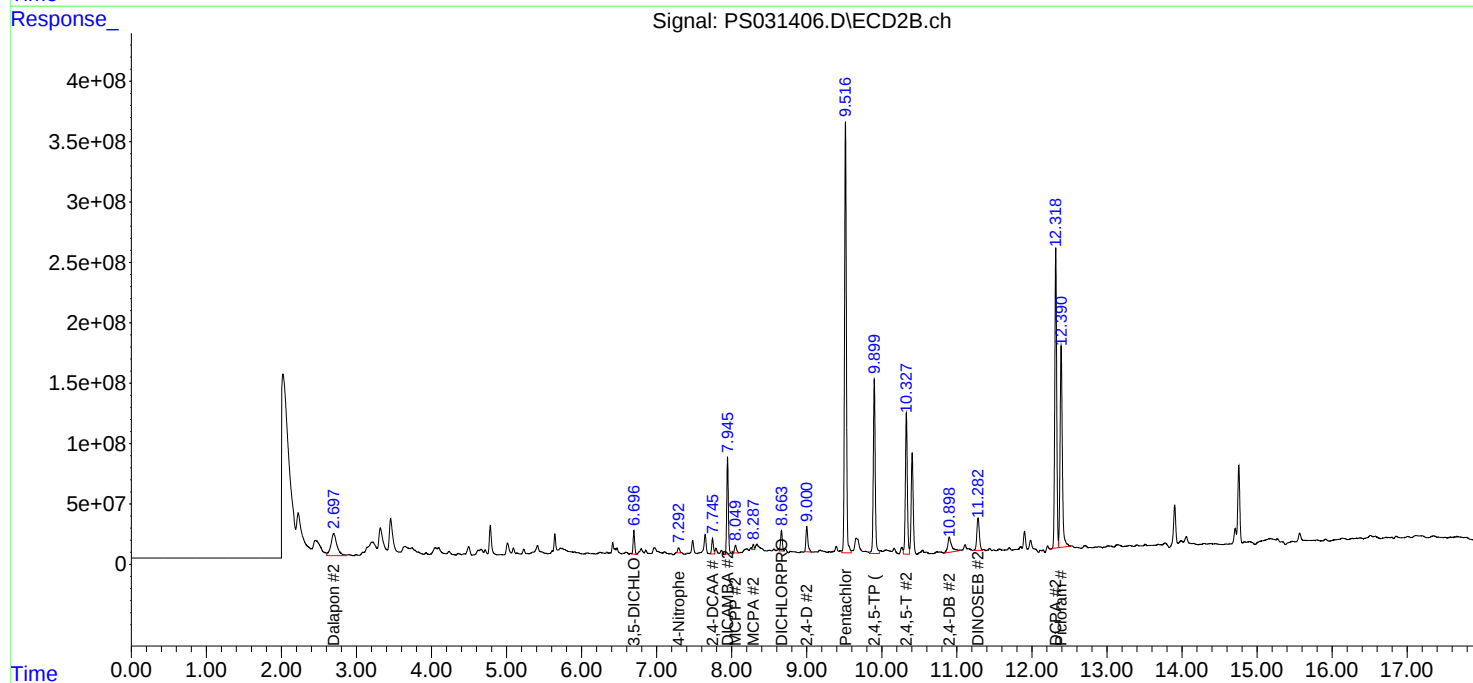
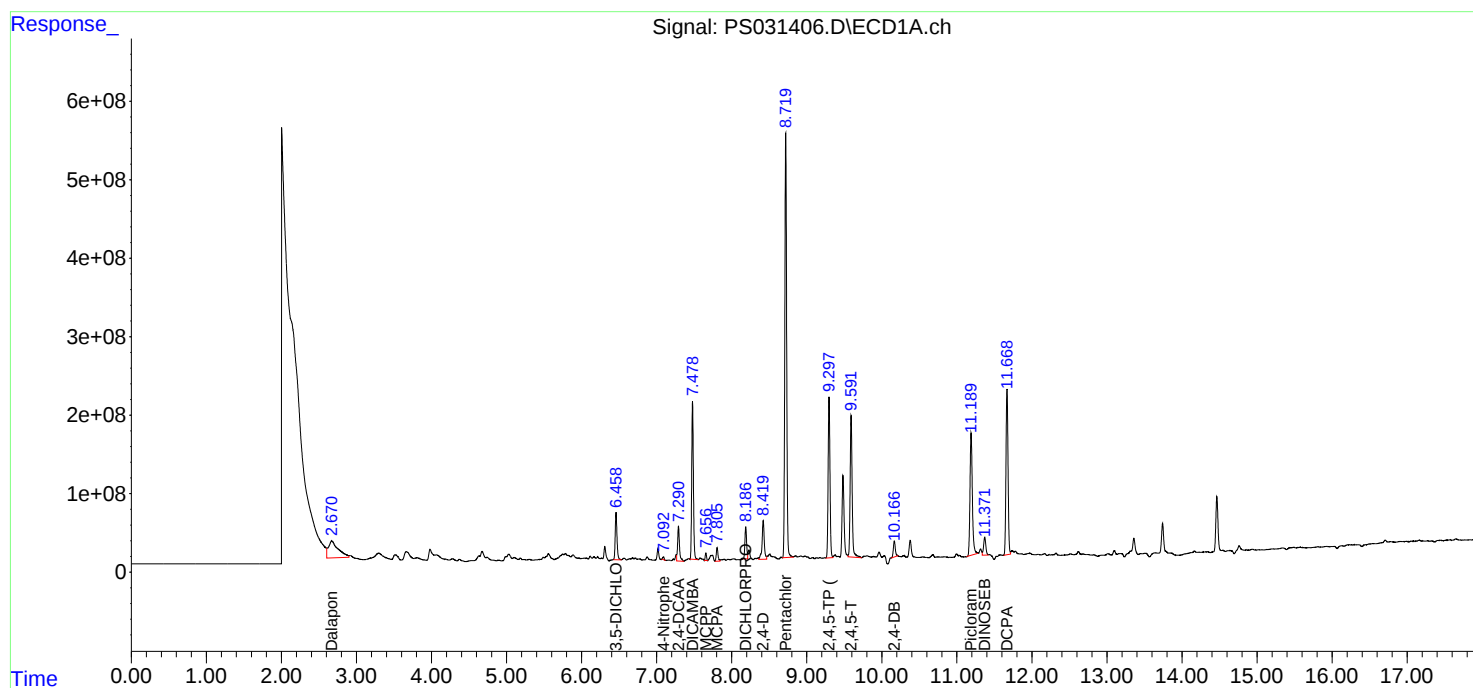
Instrument :
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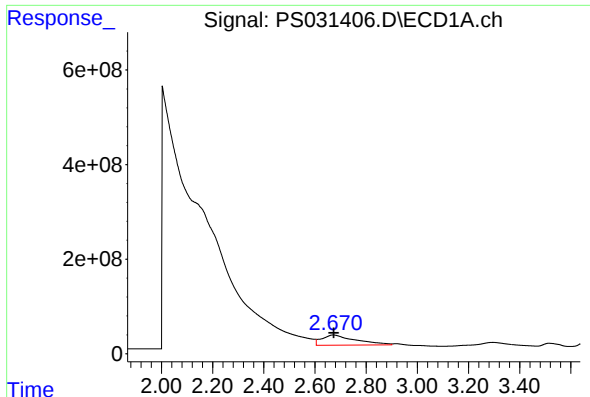
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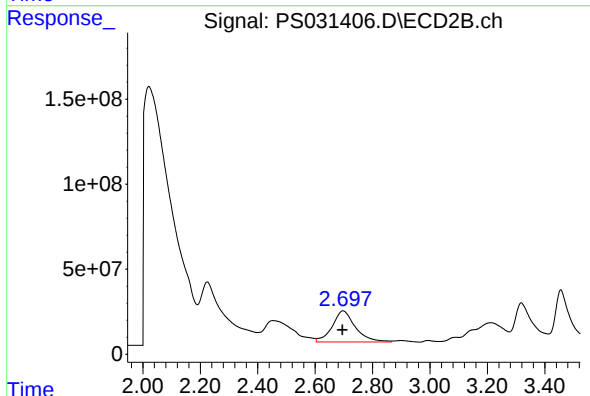
#1 Dalapon

R.T.: 2.670 min
Delta R.T.: -0.004 min
Response: 1981130683
Conc: 377.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

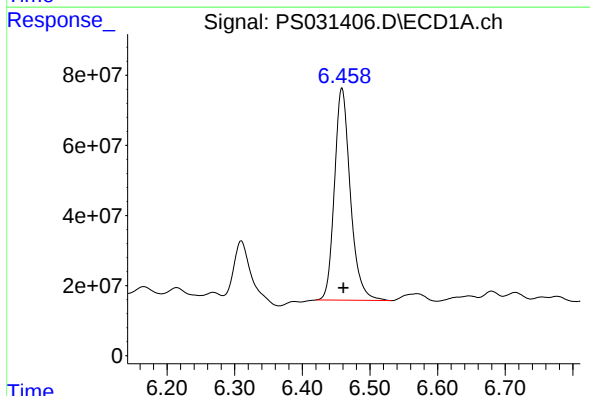
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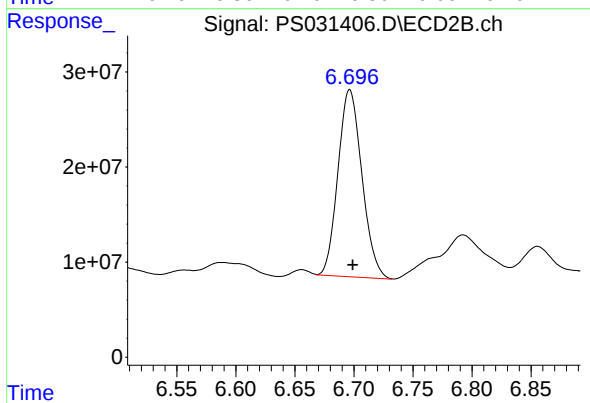
#1 Dalapon

R.T.: 2.697 min
Delta R.T.: 0.002 min
Response: 1022656918
Conc: 384.31 ng/ml m



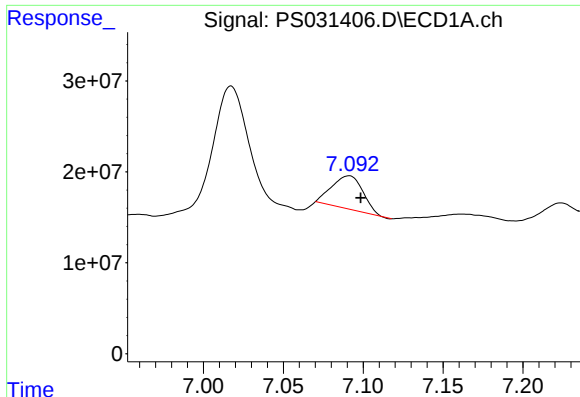
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 988366405
Conc: 209.47 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 277694040
Conc: 205.41 ng/ml m



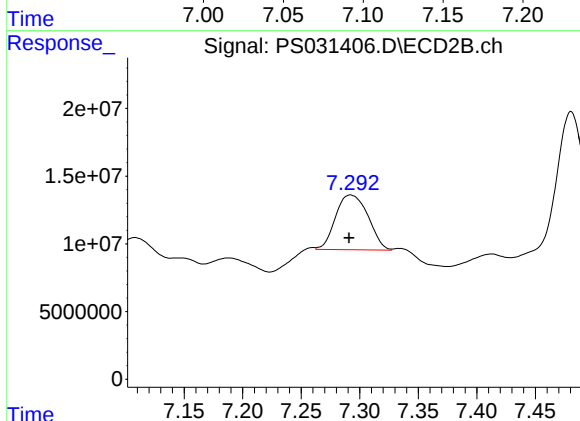
#3 4-Nitrophenol

R.T.: 7.091 min
Delta R.T.: -0.007 min
Response: 49196313
Conc: 47.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

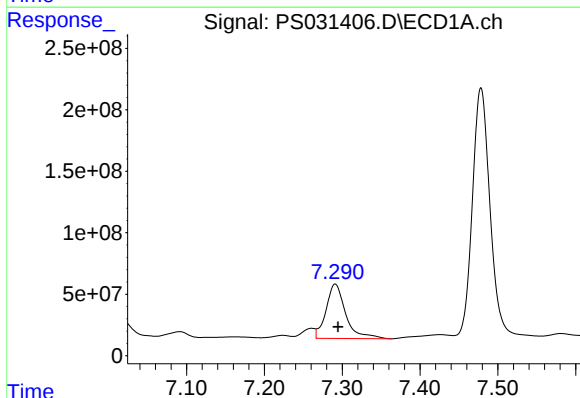
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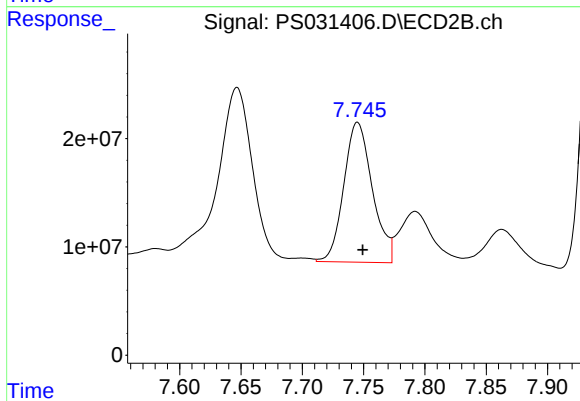
#3 4-Nitrophenol

R.T.: 7.292 min
Delta R.T.: 0.001 min
Response: 77895481
Conc: 61.97 ng/ml m



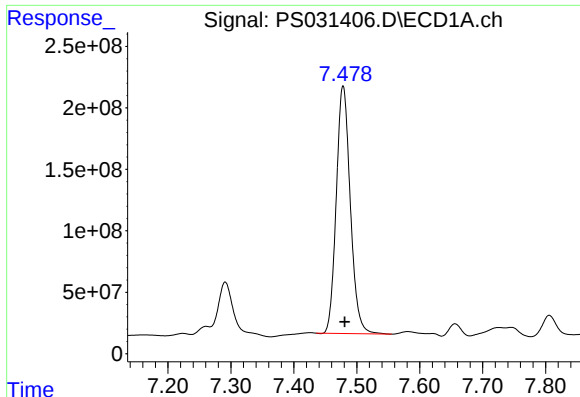
#4 2,4-DCAA

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 773547658
Conc: 243.71 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: -0.004 min
Response: 209599247
Conc: 247.95 ng/ml



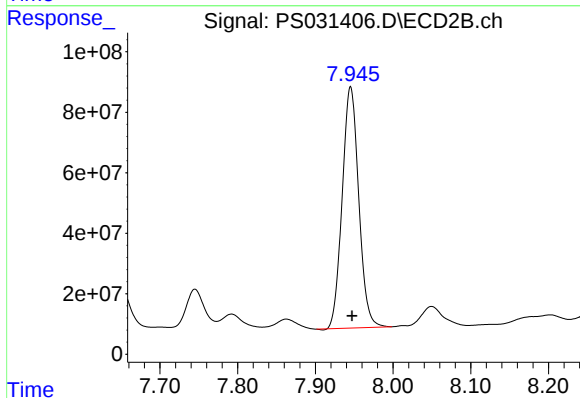
#5 DICAMBA

R.T.: 7.478 min
Delta R.T.: -0.002 min
Response: 3120727002
Conc: 223.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

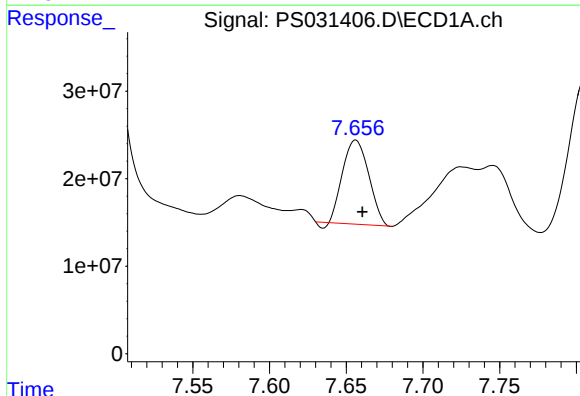
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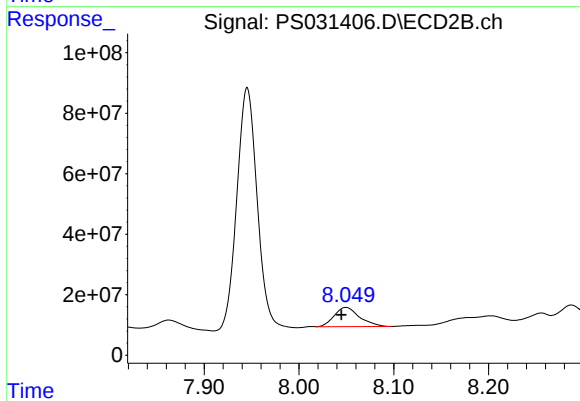
#5 DICAMBA

R.T.: 7.945 min
Delta R.T.: -0.002 min
Response: 1179527501
Conc: 207.57 ng/ml



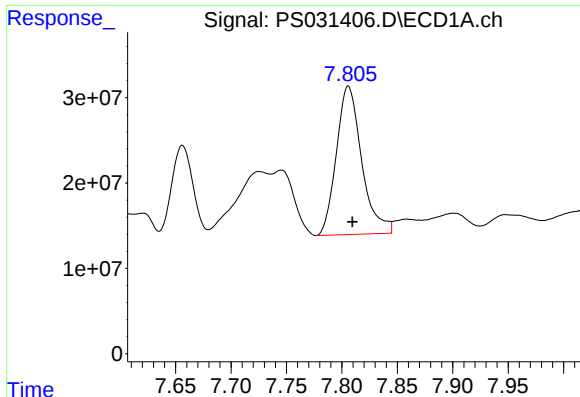
#6 MCP

R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 113184090
Conc: 14.07 ug/ml



#6 MCP

R.T.: 8.050 min
Delta R.T.: 0.005 min
Response: 117458866
Conc: 66.44 ug/ml



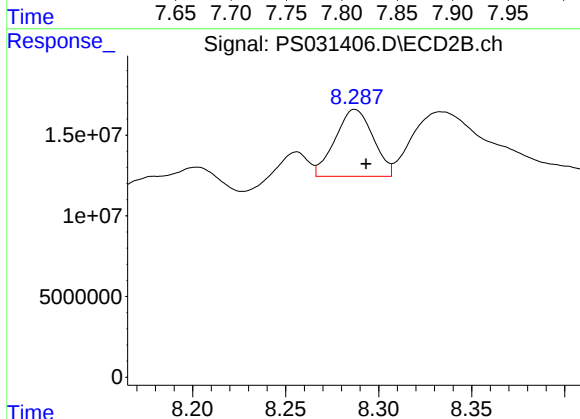
#7 MCPA

R.T.: 7.806 min
Delta R.T.: -0.004 min
Response: 276343495
Conc: 27.74 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

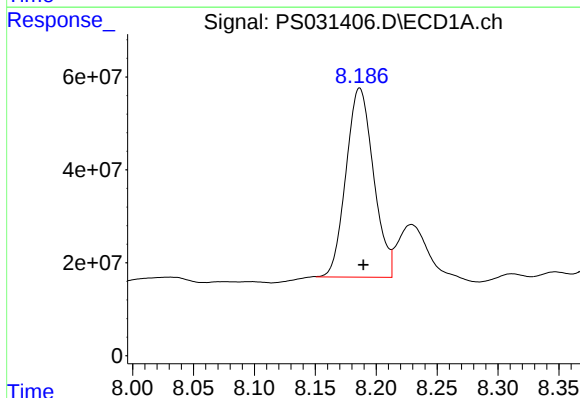
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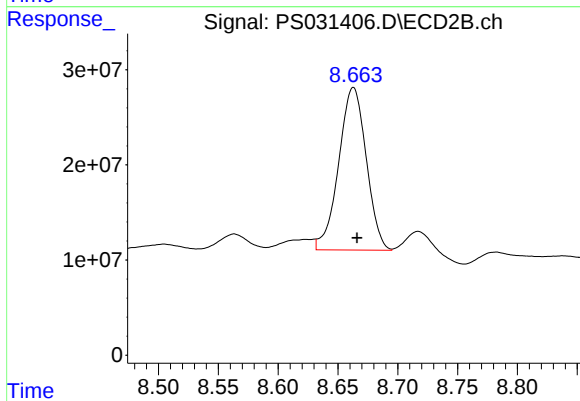
#7 MCPA

R.T.: 8.287 min
Delta R.T.: -0.007 min
Response: 59033428
Conc: 21.04 ug/ml m



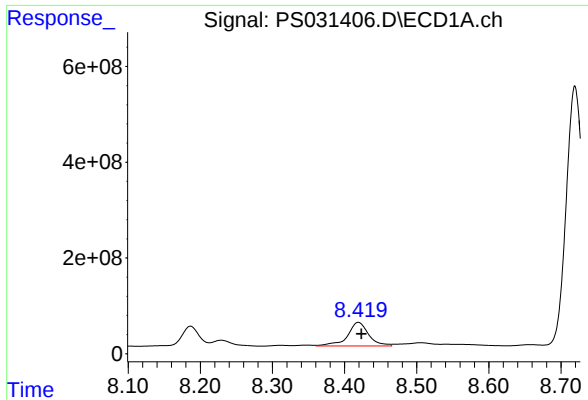
#8 DICHLORPROP

R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 642243926
Conc: 202.45 ng/ml m



#8 DICHLORPROP

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 273655366
Conc: 204.98 ng/ml m



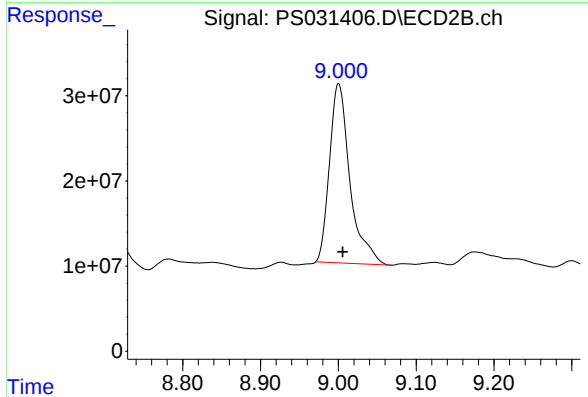
#9 2,4-D

R.T.: 8.419 min
Delta R.T.: -0.004 min
Response: 1004887633
Conc: 349.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

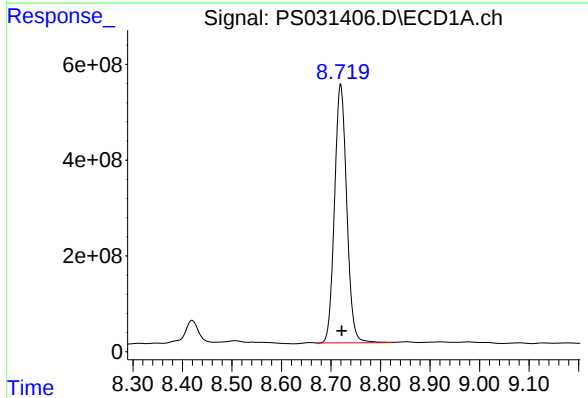
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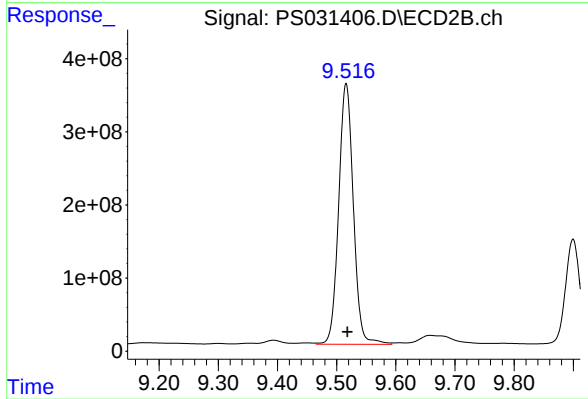
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: -0.005 min
Response: 384656458
Conc: 269.50 ng/ml



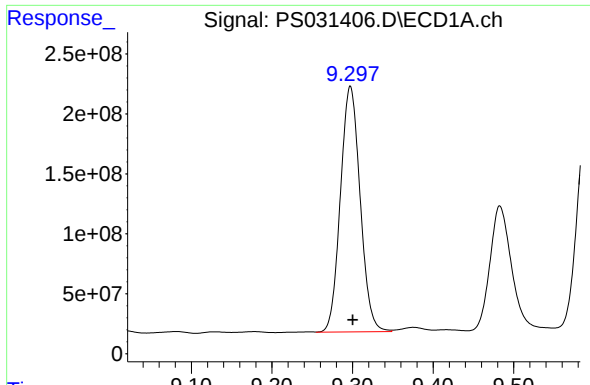
#10 Pentachlorophenol

R.T.: 8.719 min
Delta R.T.: -0.003 min
Response: 9234446168
Conc: 192.33 ng/ml



#10 Pentachlorophenol

R.T.: 9.516 min
Delta R.T.: -0.002 min
Response: 6142085354
Conc: 176.35 ng/ml



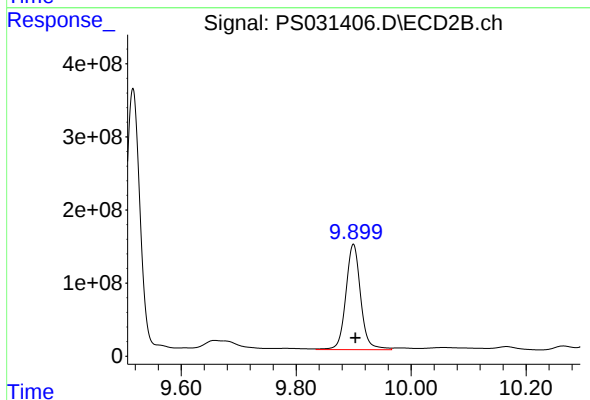
#11 2,4,5-TP (SILVEX)

R.T.: 9.297 min
Delta R.T.: -0.003 min
Response: 3483636209
Conc: 194.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

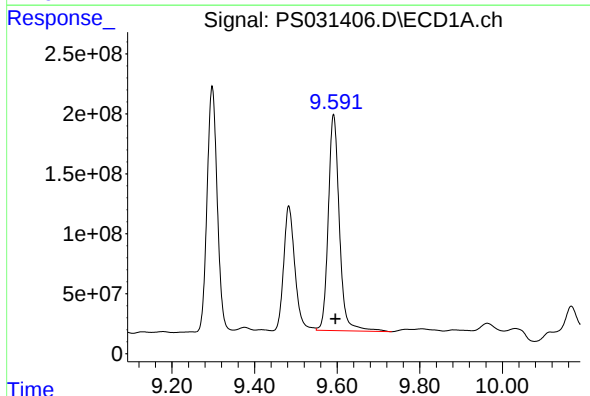
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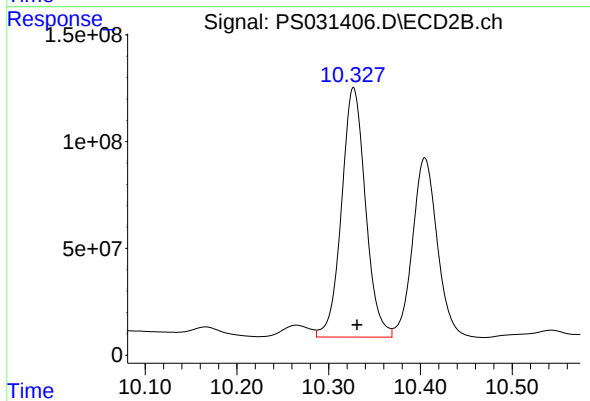
#11 2,4,5-TP (SILVEX)

R.T.: 9.900 min
Delta R.T.: -0.003 min
Response: 2572095906
Conc: 196.10 ng/ml



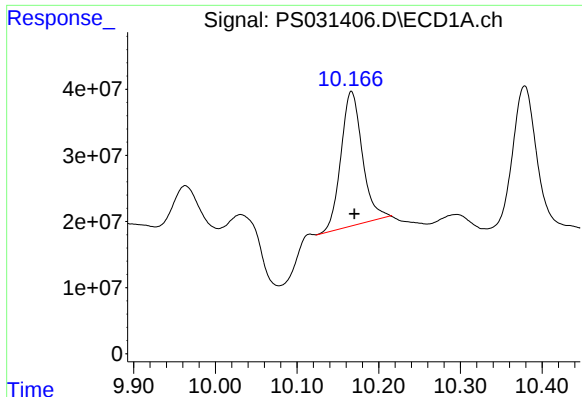
#12 2,4,5-T

R.T.: 9.591 min
Delta R.T.: -0.004 min
Response: 3362155763
Conc: 229.48 ng/ml



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: -0.004 min
Response: 2122975340
Conc: 179.31 ng/ml



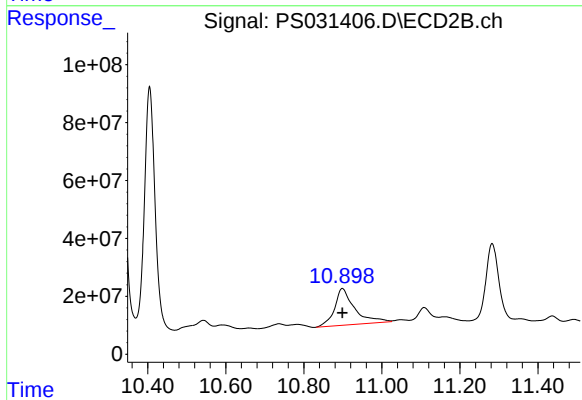
#13 2,4-DB

R.T.: 10.166 min
Delta R.T.: -0.004 min
Response: 370089085
Conc: 192.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

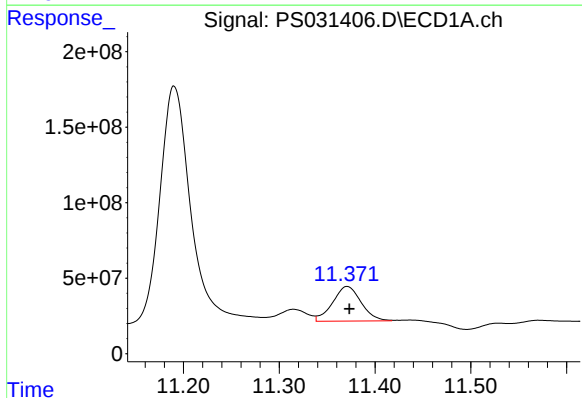
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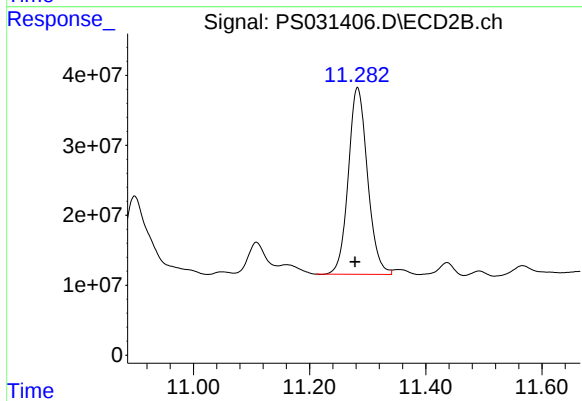
#13 2,4-DB

R.T.: 10.899 min
Delta R.T.: 0.000 min
Response: 454256094
Conc: 470.81 ng/ml



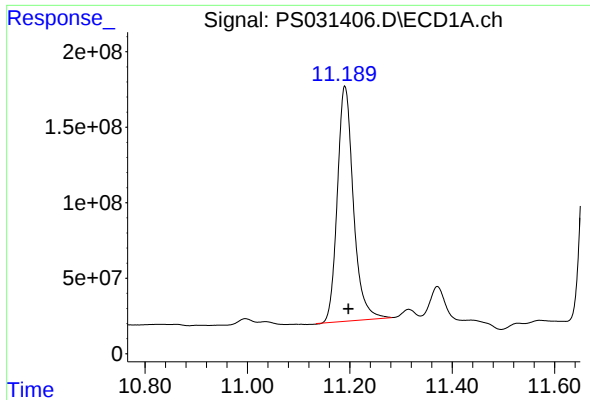
#14 DINOSEB

R.T.: 11.371 min
Delta R.T.: -0.003 min
Response: 473697488
Conc: 37.36 ng/ml m



#14 DINOSEB

R.T.: 11.283 min
Delta R.T.: 0.004 min
Response: 612673728
Conc: 64.79 ng/ml



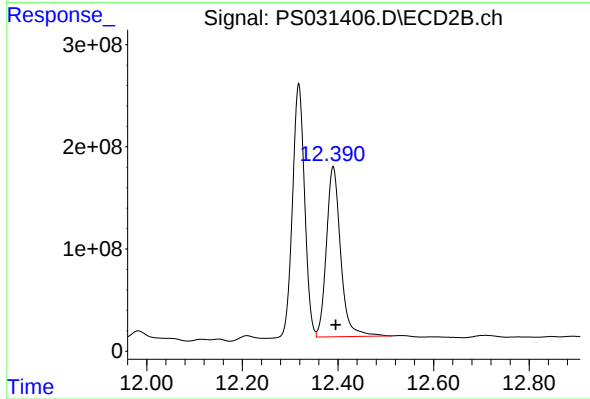
#15 Picloram

R.T.: 11.189 min
Delta R.T.: -0.008 min
Response: 3391614719
Conc: 259.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-2MS

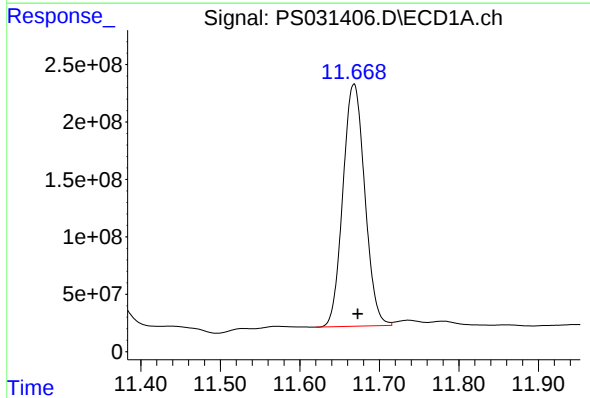
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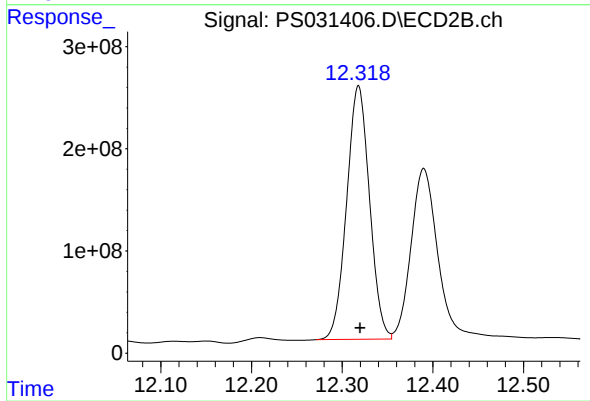
#15 Picloram

R.T.: 12.390 min
Delta R.T.: -0.005 min
Response: 3441726781
Conc: 196.34 ng/ml



#16 DCPA

R.T.: 11.668 min
Delta R.T.: -0.005 min
Response: 4028878714
Conc: 176.87 ng/ml



#16 DCPA

R.T.: 12.318 min
Delta R.T.: -0.002 min
Response: 4350728586
Conc: 220.84 ng/ml