

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080425\
 Data File : PS031366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 21:25
 Operator : AR\AJ
 Sample : Q2753-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 289MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2025
 Supervised By :mohammad ahmed 08/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:49:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.300	7.753	1338.3E6	304.5E6	459.346	364.680
Target Compounds							
1) T	Dalapon	2.676	2.696	596.6E6	850.7E6	123.667m	346.365m#
2) T	3,5-DICHL...	6.465	6.704	1276.9E6	332.5E6	299.535m	257.325
3) T	4-Nitroph...	7.104	7.300	133.7E6	182.8E6	131.308	141.604
5) T	DICAMBA	7.487	7.953	4097.1E6	1572.4E6	317.101m	290.071m
6) T	MCPD	7.665	8.053	147.6E6	53020263	18.351m	31.017m#
7) T	MCPA	7.814	8.296	219.9E6	42206143	22.498	16.271 #
8) T	DICHLORPROP	8.196	8.671	810.1E6	322.4E6	266.467	248.011m
9) T	2,4-D	8.430	9.011	1060.4E6	479.1E6	408.893	343.341
10) T	Pentachlo...	8.728	9.525	11710.6E6	7572.9E6	257.496m	226.081
11) T	2,4,5-TP ...	9.308	9.909	4179.8E6	2930.6E6	250.871	230.708
12) T	2,4,5-T	9.602	10.338	4143.1E6	2809.3E6	311.497	240.840
13) T	2,4-DB	10.179	10.906	409.5E6	172.4E6	234.359m	178.467
14) T	DINOSEB	11.383	11.288	382.1E6	337.5E6	33.330m	36.131
15) T	Picloram	11.204	12.402	4278.0E6	5494.3E6	365.340m	321.397
16) T	DCPA	11.679	12.328	6173.0E6	6745.1E6	297.692m	361.633m

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

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Operator : AR\AJ
Sample : Q2753-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

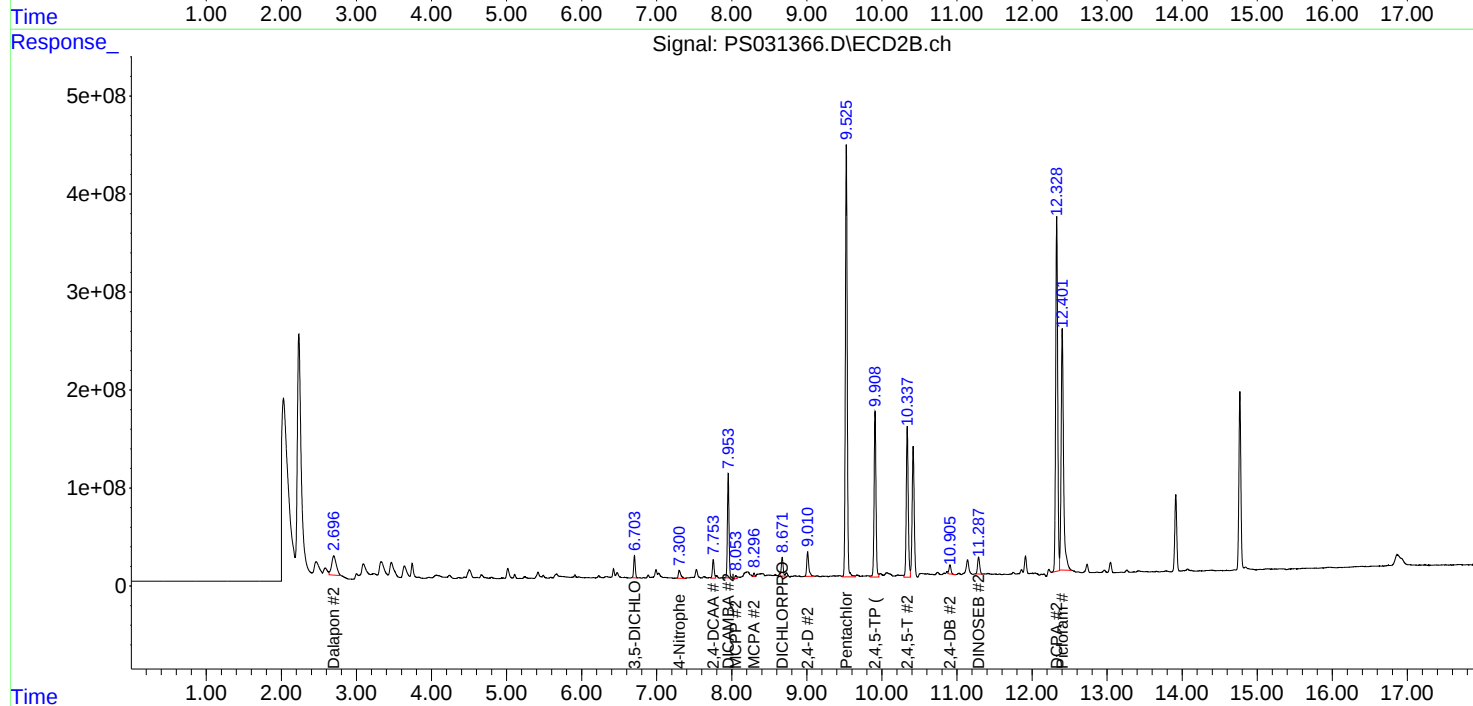
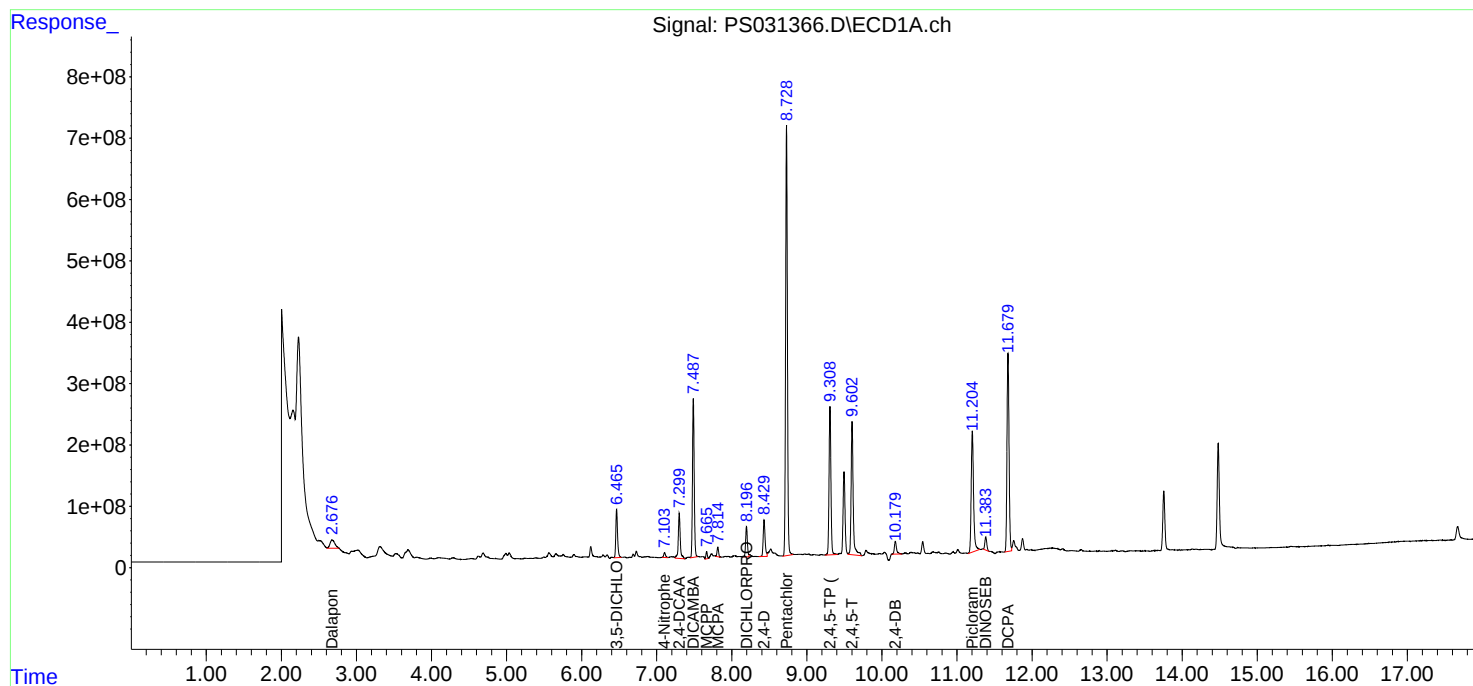
Instrument :
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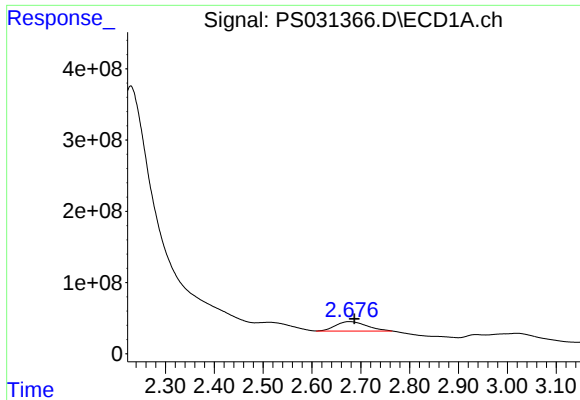
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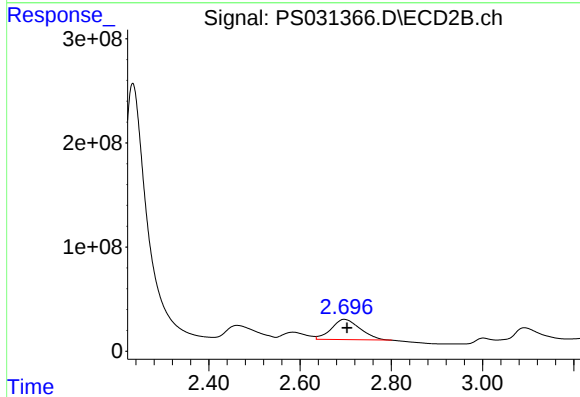
#1 Dalapon

R.T.: 2.676 min
Delta R.T.: -0.011 min
Response: 596639346
Conc: 123.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MSD

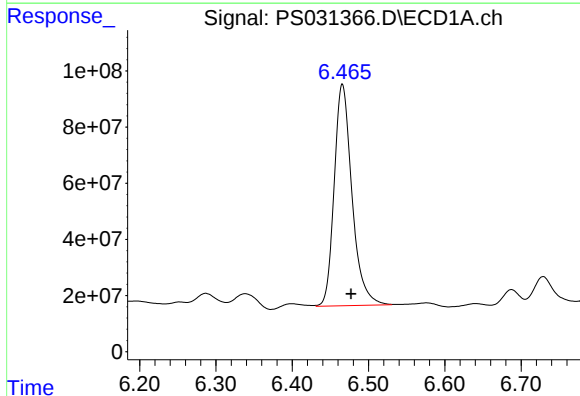
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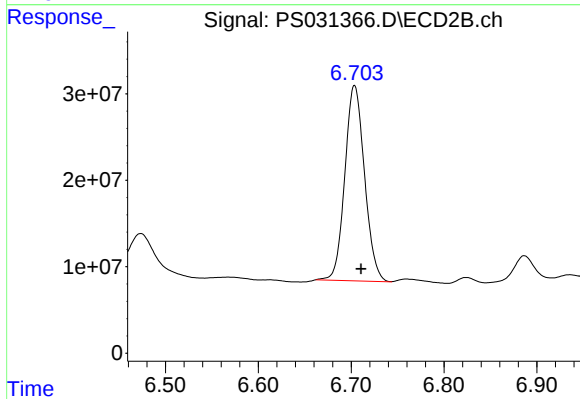
#1 Dalapon

R.T.: 2.696 min
Delta R.T.: -0.007 min
Response: 850736105
Conc: 346.36 ng/ml m



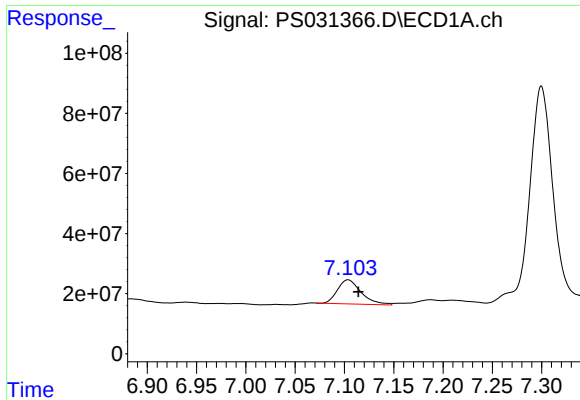
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.012 min
Response: 1276896755
Conc: 299.53 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 332533399
Conc: 257.32 ng/ml



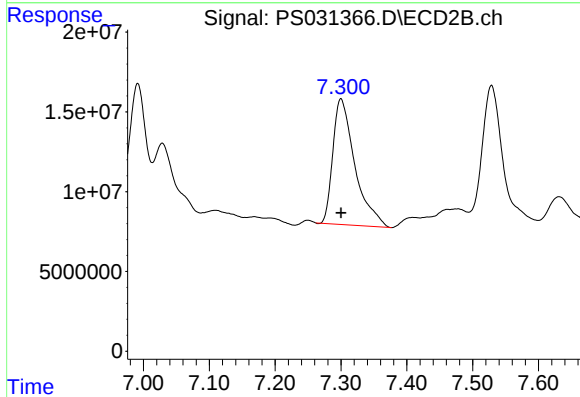
#3 4-Nitrophenol

R.T.: 7.104 min
Delta R.T.: -0.011 min
Response: 133698203
Conc: 131.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MSD

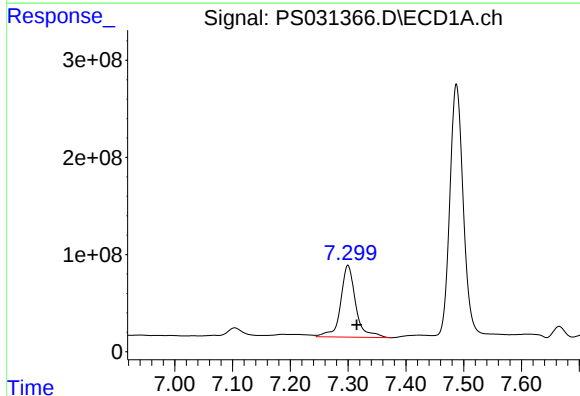
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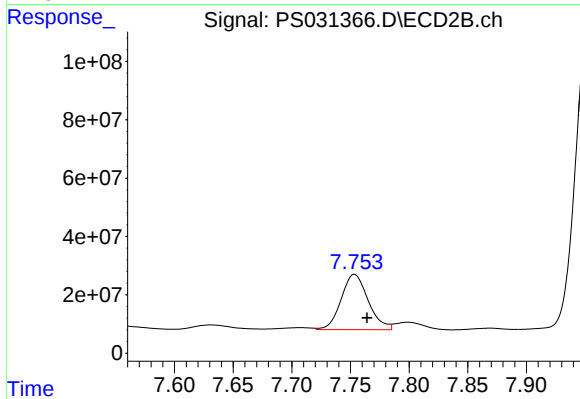
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 182798412
Conc: 141.60 ng/ml



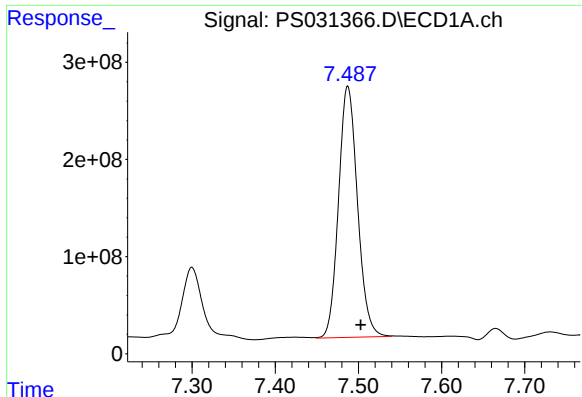
#4 2,4-DCAA

R.T.: 7.300 min
Delta R.T.: -0.015 min
Response: 1338261617
Conc: 459.35 ng/ml



#4 2,4-DCAA

R.T.: 7.753 min
Delta R.T.: -0.011 min
Response: 304537103
Conc: 364.68 ng/ml



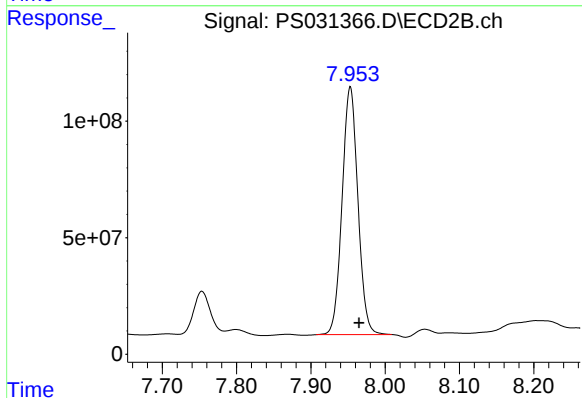
#5 DICAMBA

R.T.: 7.487 min
Delta R.T.: -0.016 min
Response: 4097134359
Conc: 317.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MSD

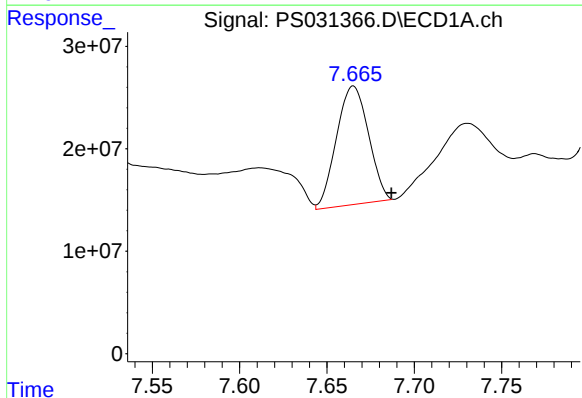
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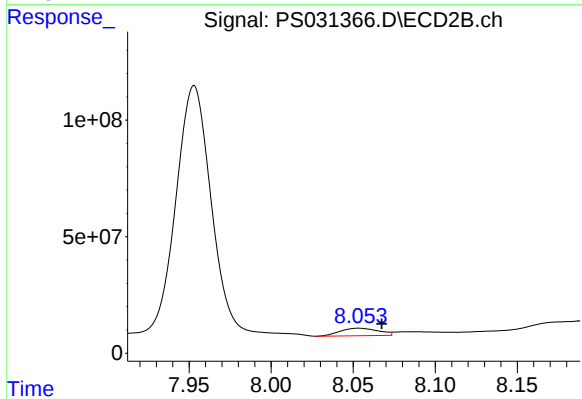
#5 DICAMBA

R.T.: 7.953 min
Delta R.T.: -0.012 min
Response: 1572431796
Conc: 290.07 ng/ml m



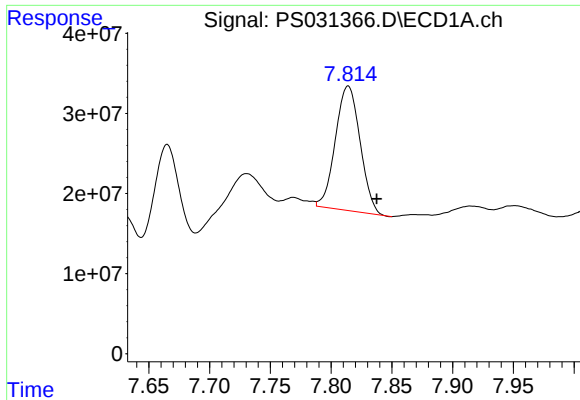
#6 MCP

R.T.: 7.665 min
Delta R.T.: -0.022 min
Response: 147595435
Conc: 18.35 ug/ml m



#6 MCP

R.T.: 8.053 min
Delta R.T.: -0.014 min
Response: 53020263
Conc: 31.02 ug/ml m



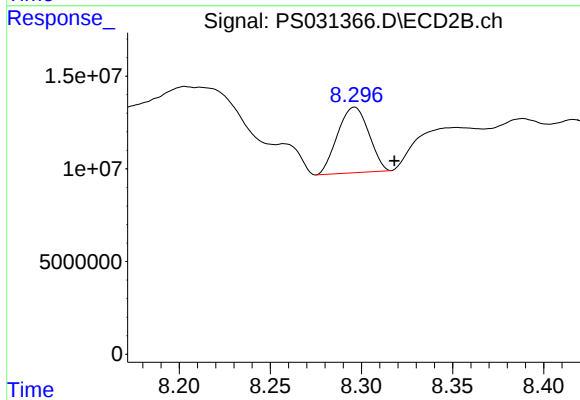
#7 MCPA

R.T.: 7.814 min
Delta R.T.: -0.023 min
Response: 219937429
Conc: 22.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
289MSD

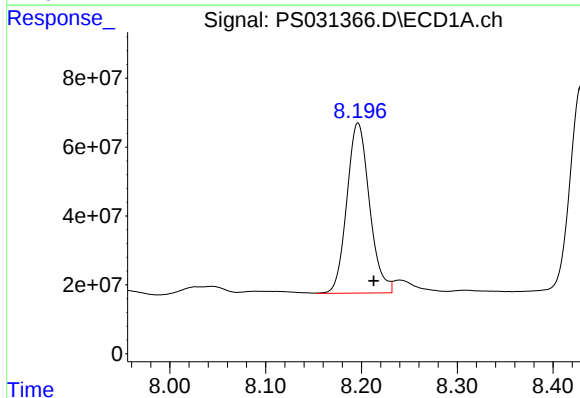
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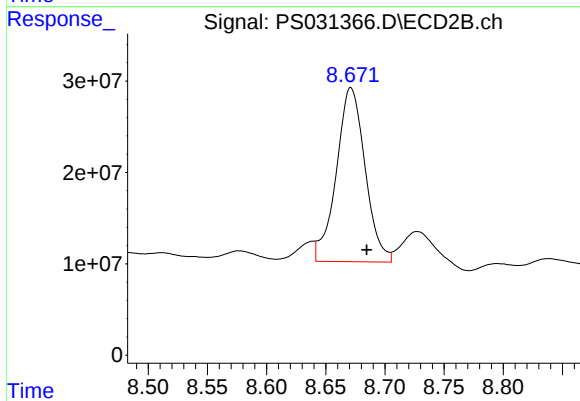
#7 MCPA

R.T.: 8.296 min
Delta R.T.: -0.022 min
Response: 42206143
Conc: 16.27 ug/ml



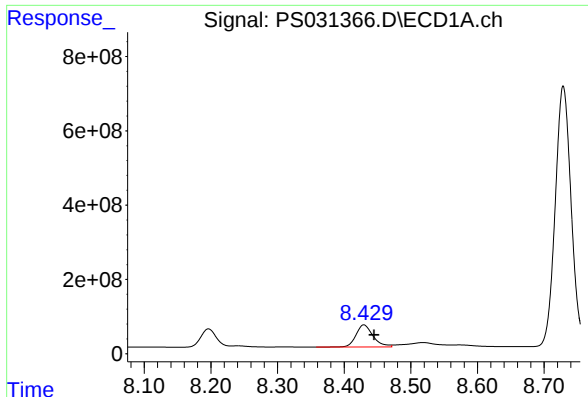
#8 DICHLORPROP

R.T.: 8.196 min
Delta R.T.: -0.016 min
Response: 810062525
Conc: 266.47 ng/ml



#8 DICHLORPROP

R.T.: 8.671 min
Delta R.T.: -0.014 min
Response: 322428687
Conc: 248.01 ng/ml m



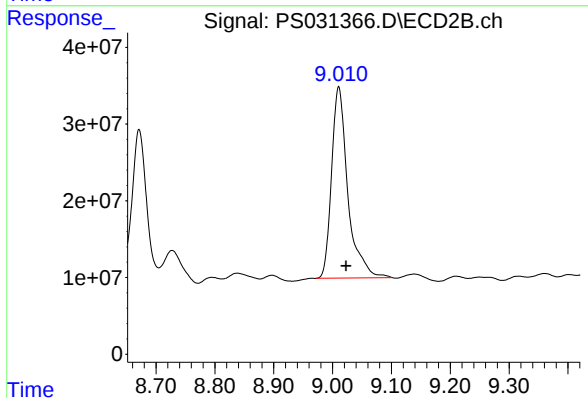
#9 2,4-D

R.T.: 8.430 min
Delta R.T.: -0.015 min
Response: 1060397505
Conc: 408.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MSD

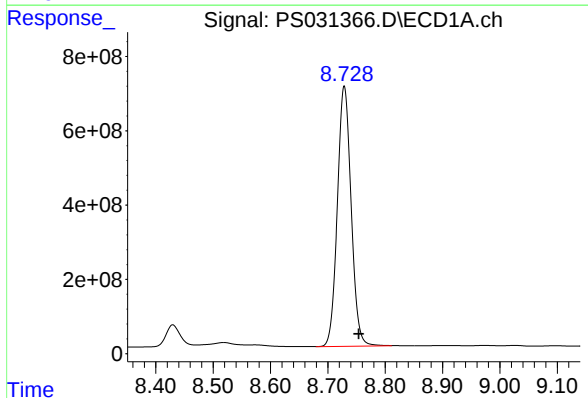
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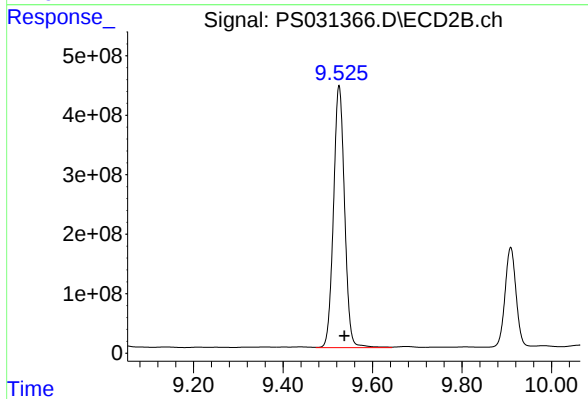
#9 2,4-D

R.T.: 9.011 min
Delta R.T.: -0.012 min
Response: 479143302
Conc: 343.34 ng/ml



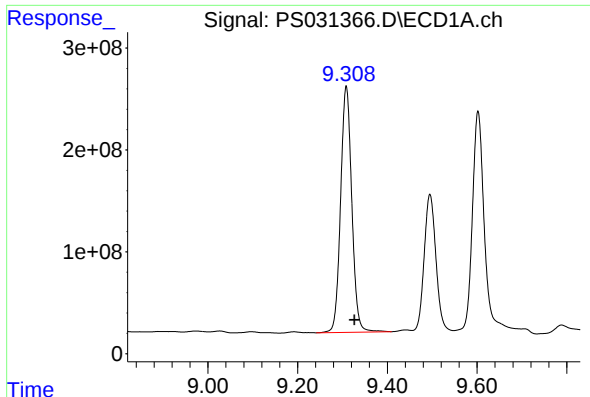
#10 Pentachlorophenol

R.T.: 8.728 min
Delta R.T.: -0.026 min
Response: 11710588240
Conc: 257.50 ng/ml m



#10 Pentachlorophenol

R.T.: 9.525 min
Delta R.T.: -0.012 min
Response: 7572886902
Conc: 226.08 ng/ml



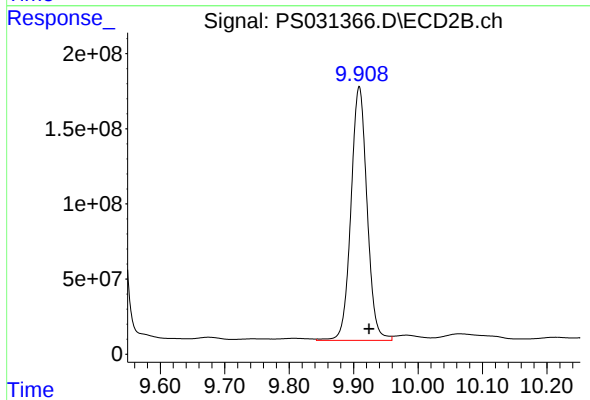
#11 2,4,5-TP (SILVEX)

R.T.: 9.308 min
Delta R.T.: -0.018 min
Response: 4179833532
Conc: 250.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MSD

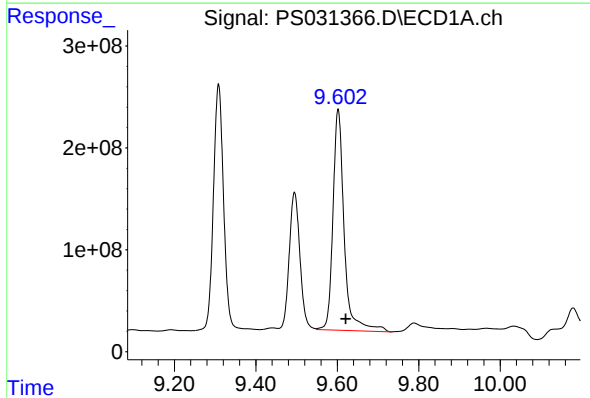
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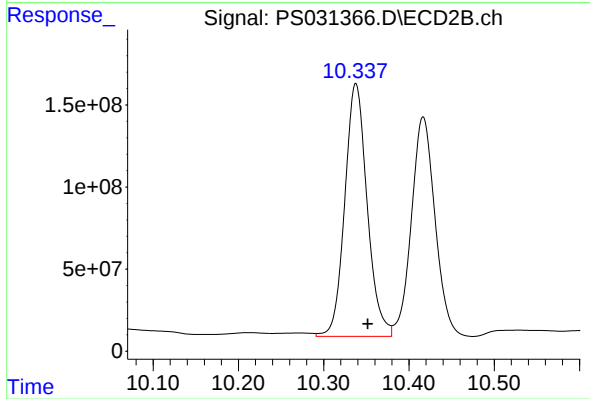
#11 2,4,5-TP (SILVEX)

R.T.: 9.909 min
Delta R.T.: -0.015 min
Response: 2930644006
Conc: 230.71 ng/ml



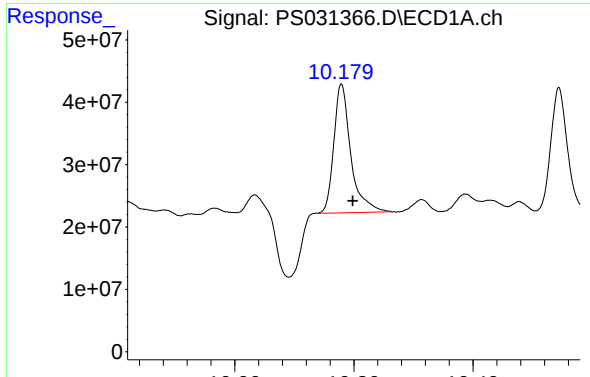
#12 2,4,5-T

R.T.: 9.602 min
Delta R.T.: -0.019 min
Response: 4143138087
Conc: 311.50 ng/ml



#12 2,4,5-T

R.T.: 10.338 min
Delta R.T.: -0.014 min
Response: 2809318190
Conc: 240.84 ng/ml



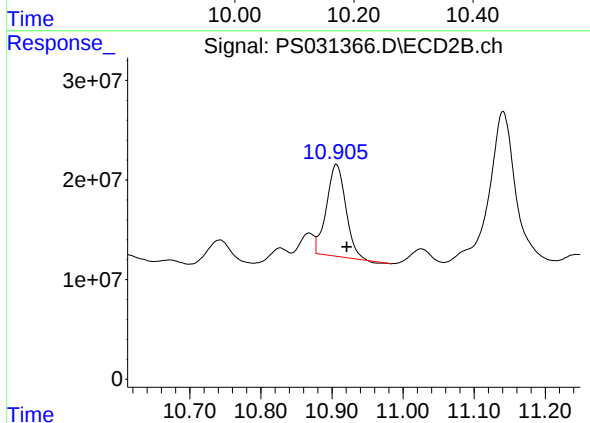
#13 2,4-DB

R.T.: 10.179 min
Delta R.T.: -0.019 min
Response: 409484419
Conc: 234.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
289MSD

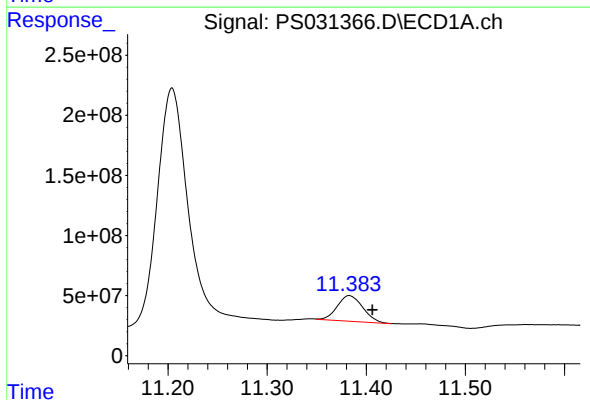
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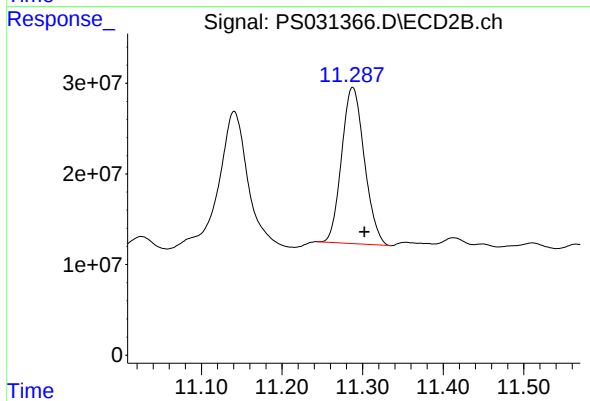
#13 2,4-DB

R.T.: 10.906 min
Delta R.T.: -0.015 min
Response: 172373660
Conc: 178.47 ng/ml



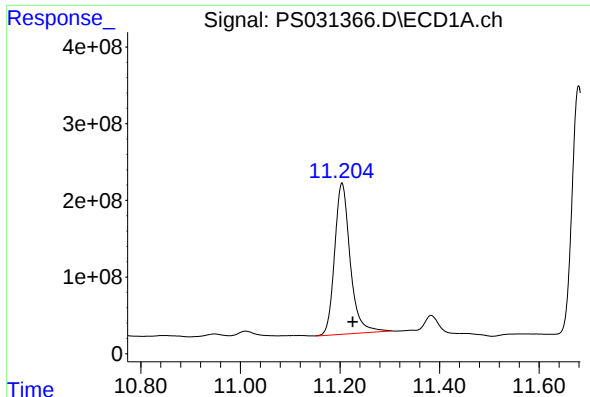
#14 DINOSEB

R.T.: 11.383 min
Delta R.T.: -0.024 min
Response: 382083714
Conc: 33.33 ng/ml m



#14 DINOSEB

R.T.: 11.288 min
Delta R.T.: -0.015 min
Response: 337463610
Conc: 36.13 ng/ml



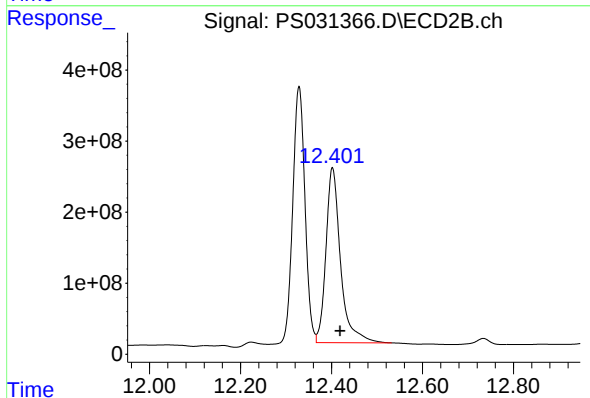
#15 Picloram

R.T.: 11.204 min
Delta R.T.: -0.022 min
Response: 4277991088
Conc: 365.34 ng/ml

Instrument :
ECD_S
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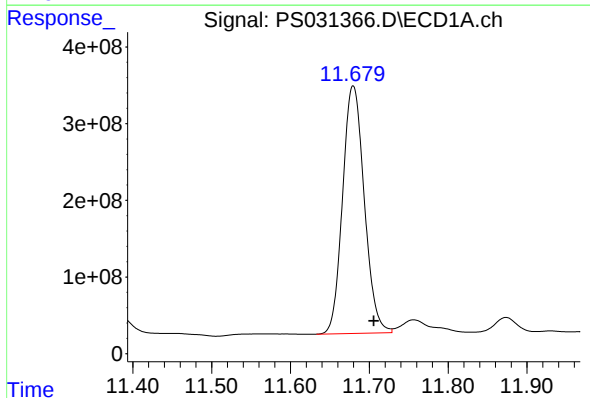
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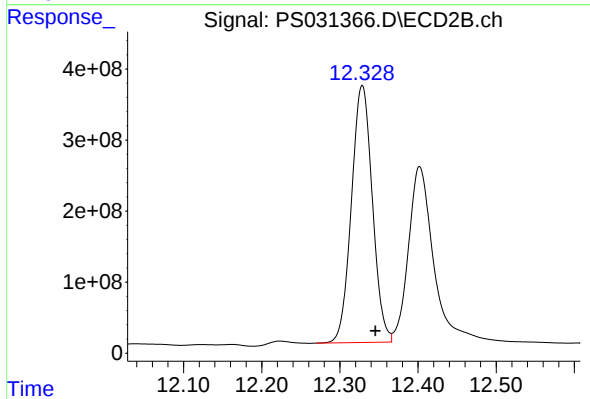
#15 Picloram

R.T.: 12.402 min
Delta R.T.: -0.016 min
Response: 5494251334
Conc: 321.40 ng/ml



#16 DCPA

R.T.: 11.679 min
Delta R.T.: -0.027 min
Response: 6172971215
Conc: 297.69 ng/ml m



#16 DCPA

R.T.: 12.328 min
Delta R.T.: -0.017 min
Response: 6745087530
Conc: 361.63 ng/ml m