

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
 Data File : PS031927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 13:16
 Operator : AR\AJ
 Sample : Q3257-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ENV2-6FTMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2025
 Supervised By : mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:05:40 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	7.277	7.735	1605.3E6	410.4E6	445.724	451.494
Target Compounds							
2) T	3,5-DICHL...	6.448	6.693	902.7E6	234.0E6	169.253	153.462
5) T	DICAMBA	7.461	7.934	2238.8E6	1183.6E6	143.545	181.907 #
6) T	MCPD	7.638	8.028	96902182	5083579	10.840	2.699m#
7) T	MCPA	7.786	8.297	119.5E6	736.4E6	10.754m	262.893 #
8) T	DICHLORPROP	8.169	8.652	856.2E6	277.3E6	240.376	190.575
9) T	2,4-D	8.407	8.994	510.0E6	353.0E6	148.875m	214.579m#
10) T	Pentachlo...	8.699	9.502	5227.4E6	2947.8E6	98.456	74.269m
11) T	2,4,5-TP ...	9.278	9.886	3583.1E6	3436.0E6	170.838	228.243m#
12) T	2,4,5-T	9.574	10.317	2929.9E6	2034.0E6	160.121	151.149m
13) T	2,4-DB	10.150	10.887	359.6E6	154.4E6	154.159m	144.293m
15) T	Picloram	11.177	12.382	2719.8E6	2341.0E6	151.009m	98.846 #
16) T	DCPA	11.640	12.299	3426.1E6	5138.3E6	127.127	213.171m#

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

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Sample : Q3257-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

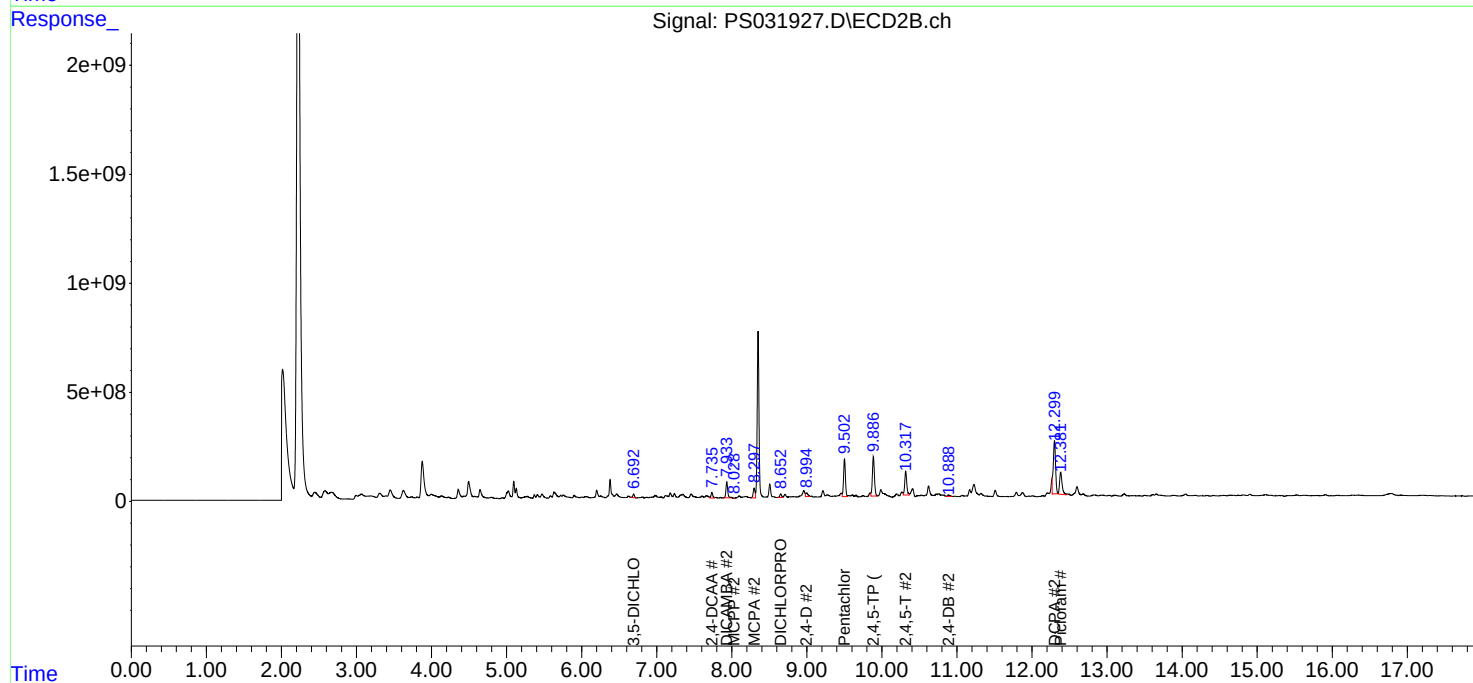
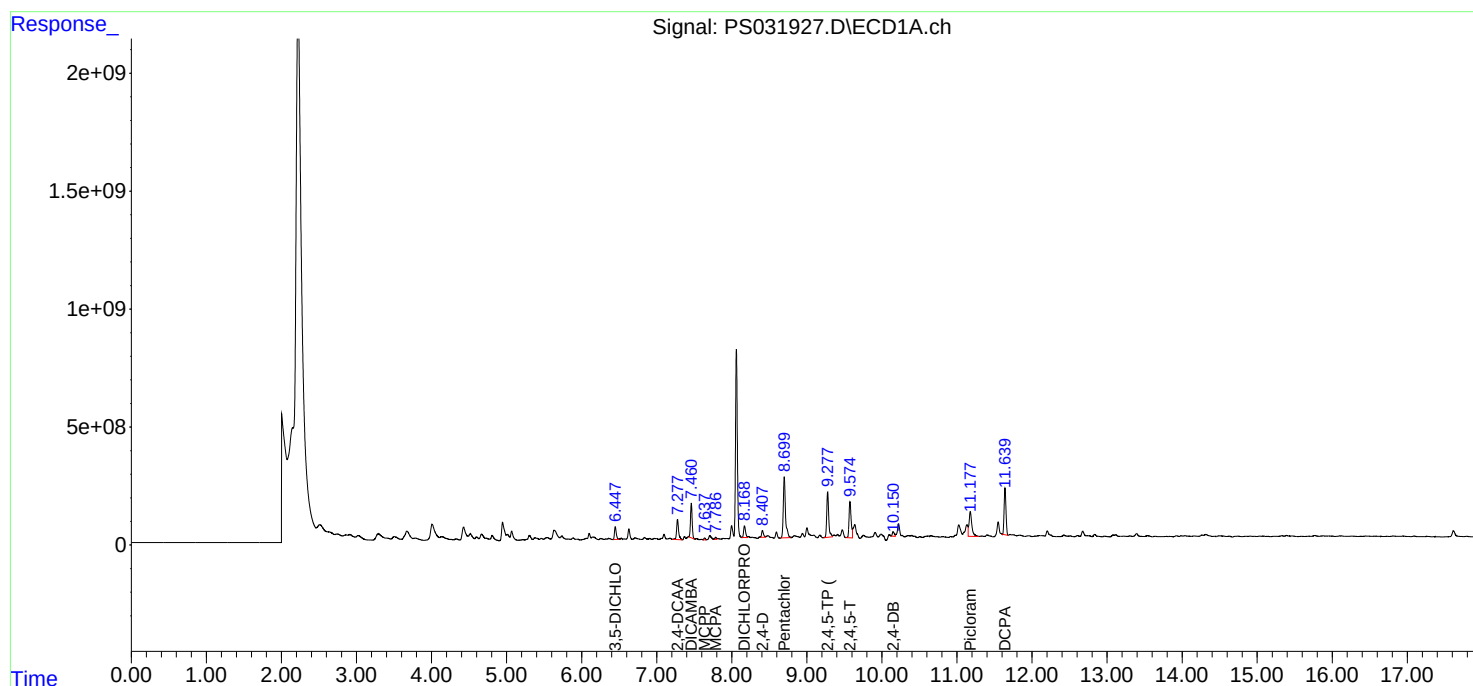
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ENV2-6FTMSD

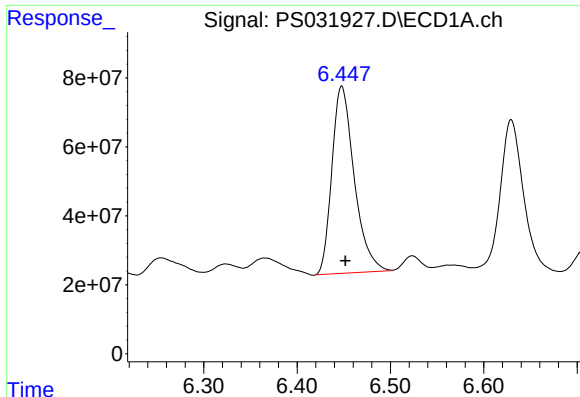
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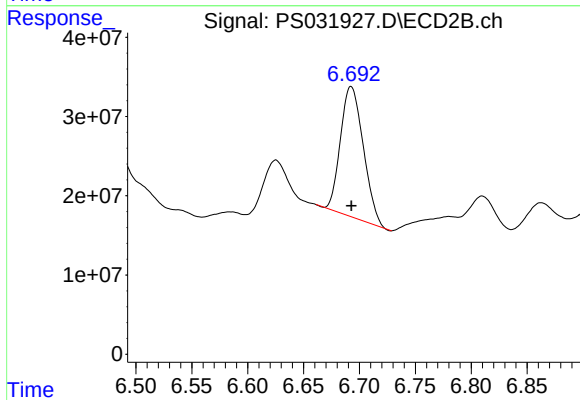
#2 3,5-DICHLORO BENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.004 min
Response: 902689650
Conc: 169.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMSD

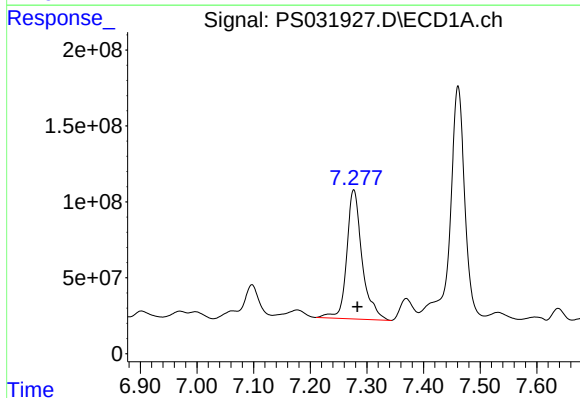
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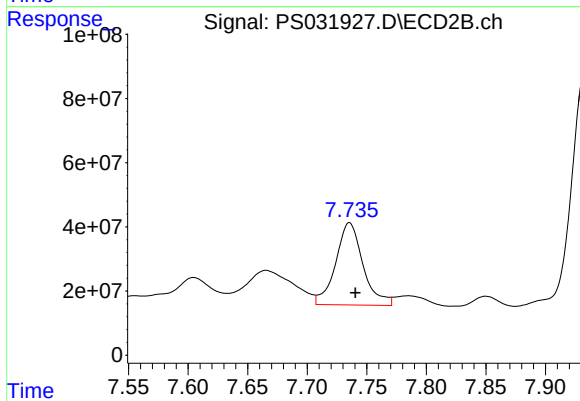
#2 3,5-DICHLORO BENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 234024327
Conc: 153.46 ng/ml



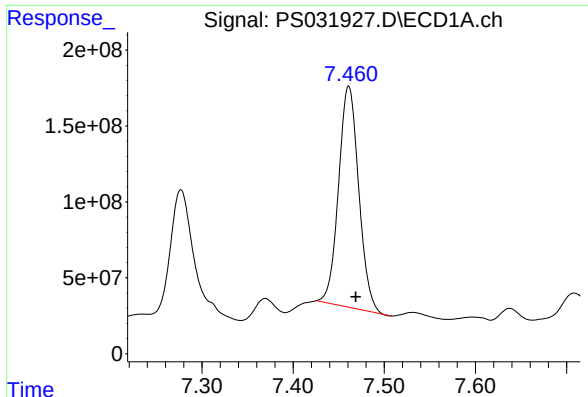
#4 2,4-DCAA

R.T.: 7.277 min
Delta R.T.: -0.006 min
Response: 1605288029
Conc: 445.72 ng/ml



#4 2,4-DCAA

R.T.: 7.735 min
Delta R.T.: -0.005 min
Response: 410362625
Conc: 451.49 ng/ml



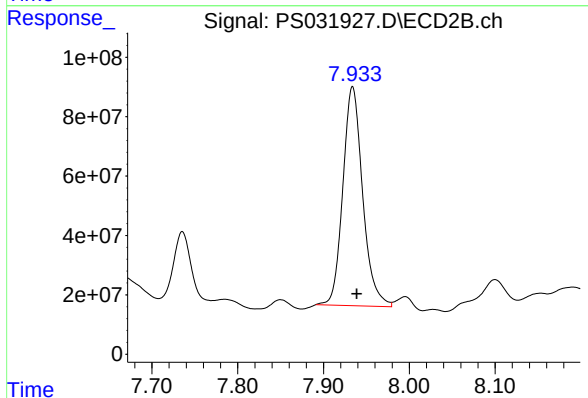
#5 DICAMBA

R.T.: 7.461 min
Delta R.T.: -0.008 min
Response: 2238823095
Conc: 143.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMSD

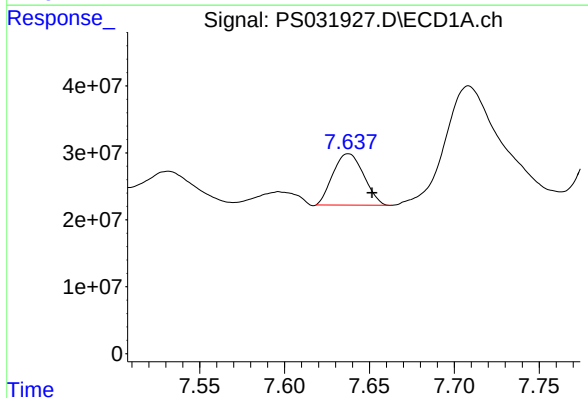
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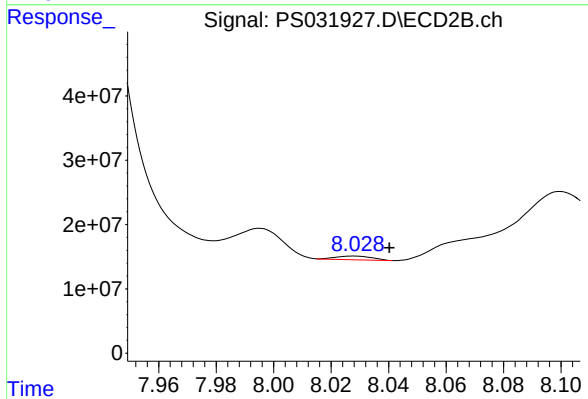
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.005 min
Response: 1183643630
Conc: 181.91 ng/ml



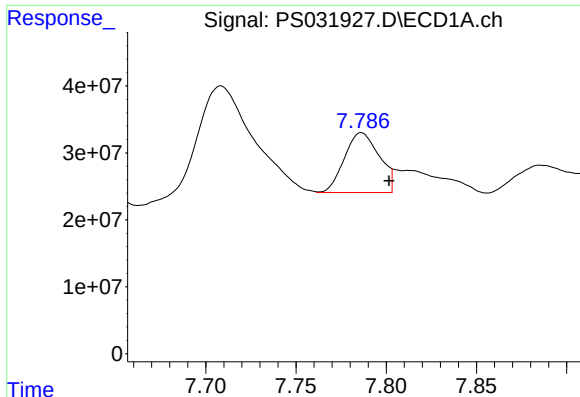
#6 MCPP

R.T.: 7.638 min
Delta R.T.: -0.014 min
Response: 96902182
Conc: 10.84 ug/ml



#6 MCPP

R.T.: 8.028 min
Delta R.T.: -0.012 min
Response: 5083579
Conc: 2.70 ug/ml m



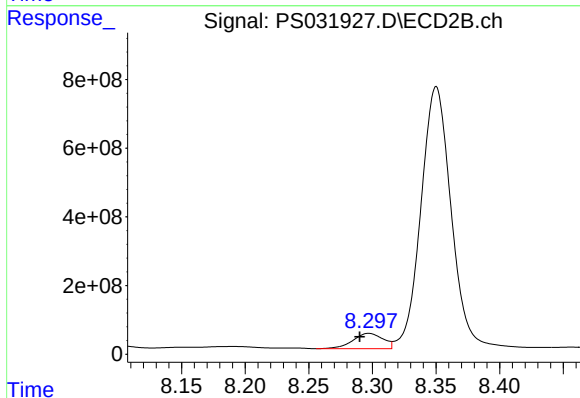
#7 MCPA

R.T.: 7.786 min
Delta R.T.: -0.016 min
Response: 119484719
Conc: 10.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMSD

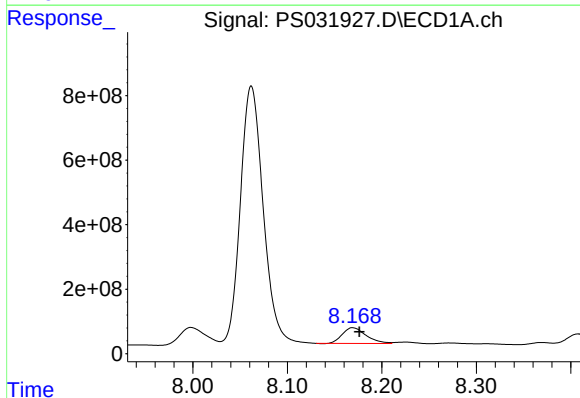
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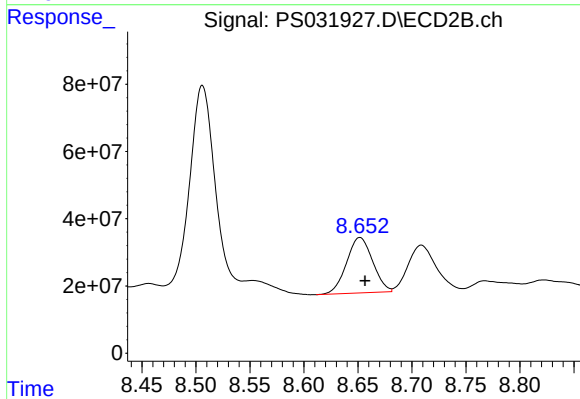
#7 MCPA

R.T.: 8.297 min
Delta R.T.: 0.007 min
Response: 736421871
Conc: 262.89 ug/ml



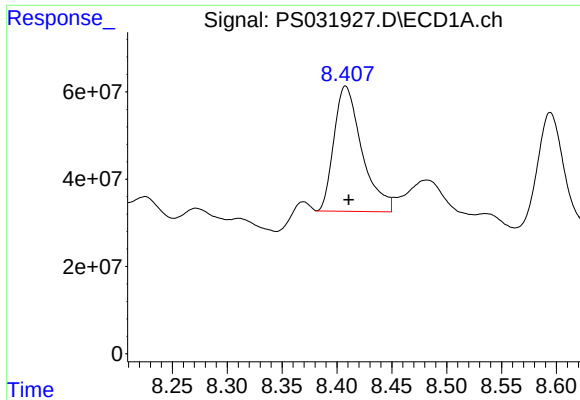
#8 DICHLORPROP

R.T.: 8.169 min
Delta R.T.: -0.007 min
Response: 856162286
Conc: 240.38 ng/ml



#8 DICHLORPROP

R.T.: 8.652 min
Delta R.T.: -0.005 min
Response: 277297871
Conc: 190.57 ng/ml



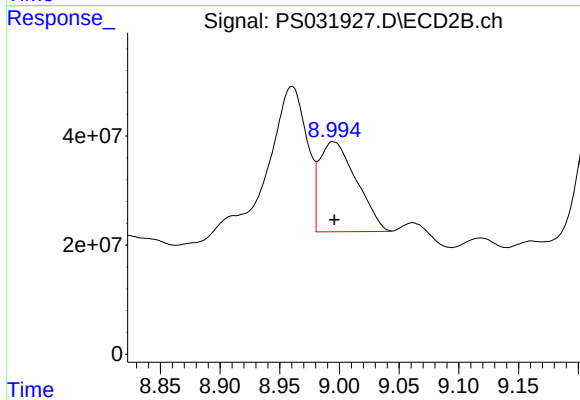
#9 2,4-D

R.T.: 8.407 min
Delta R.T.: -0.003 min
Response: 509992180
Conc: 148.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMSD

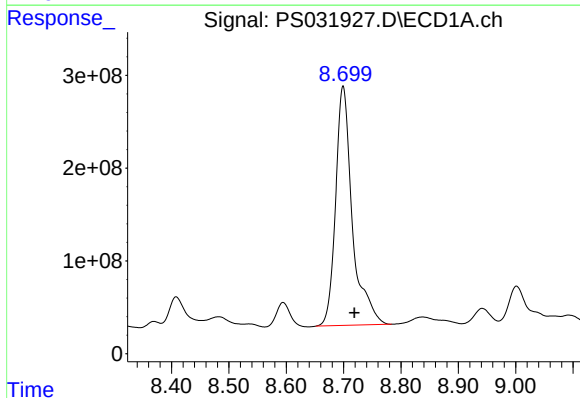
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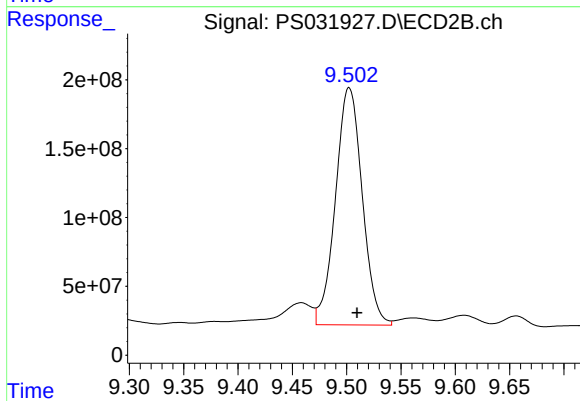
#9 2,4-D

R.T.: 8.994 min
Delta R.T.: -0.002 min
Response: 353006099
Conc: 214.58 ng/ml m



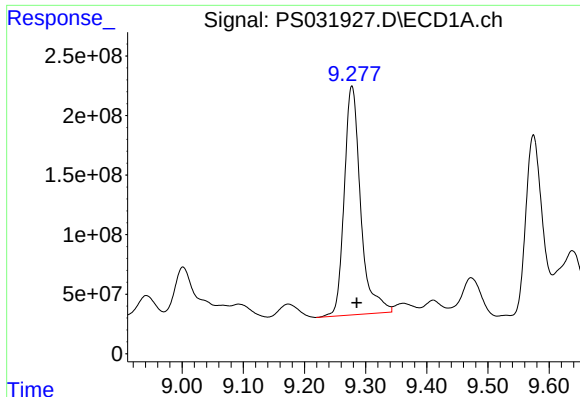
#10 Pentachlorophenol

R.T.: 8.699 min
Delta R.T.: -0.020 min
Response: 5227431523
Conc: 98.46 ng/ml



#10 Pentachlorophenol

R.T.: 9.502 min
Delta R.T.: -0.008 min
Response: 2947776151
Conc: 74.27 ng/ml m



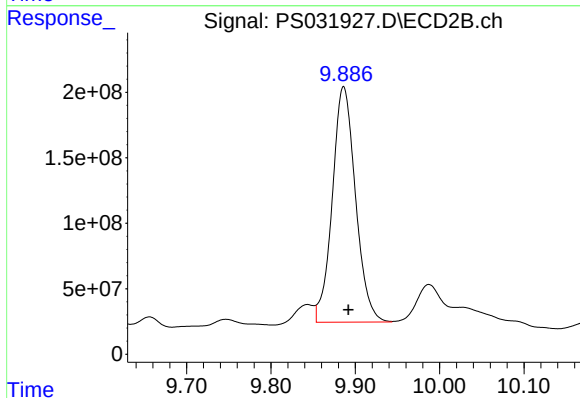
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.008 min
Response: 3583101026
Conc: 170.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMSD

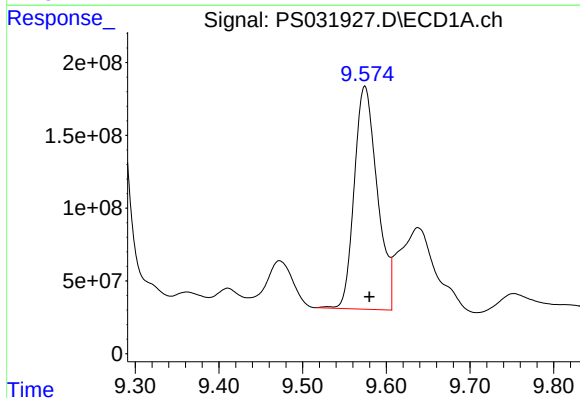
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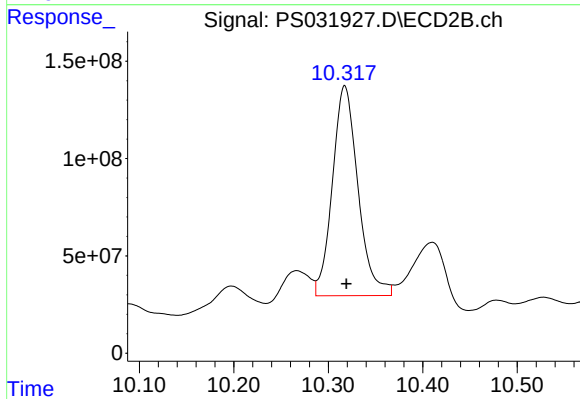
#11 2,4,5-TP (SILVEX)

R.T.: 9.886 min
Delta R.T.: -0.006 min
Response: 3436044313
Conc: 228.24 ng/ml m



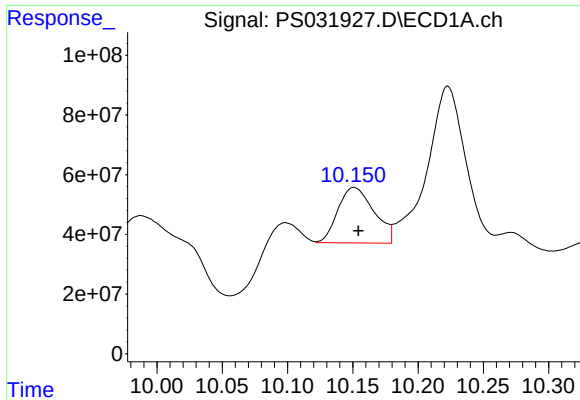
#12 2,4,5-T

R.T.: 9.574 min
Delta R.T.: -0.005 min
Response: 2929921509
Conc: 160.12 ng/ml



#12 2,4,5-T

R.T.: 10.317 min
Delta R.T.: -0.002 min
Response: 2034008634
Conc: 151.15 ng/ml m



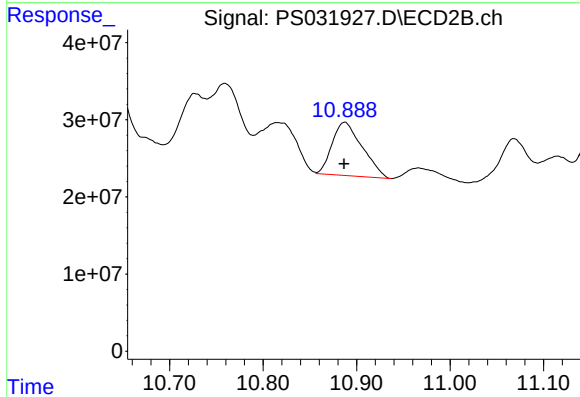
#13 2,4-DB

R.T.: 10.150 min
Delta R.T.: -0.004 min
Response: 359616782
Conc: 154.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMSD

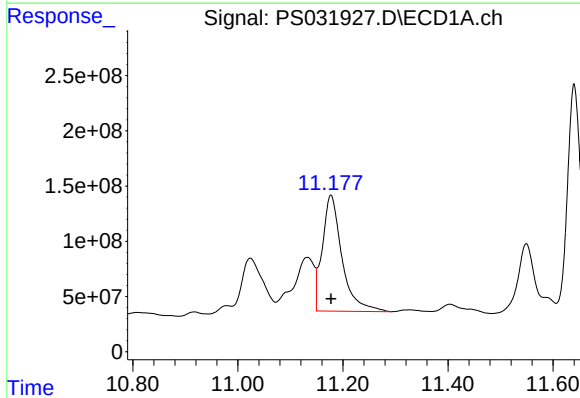
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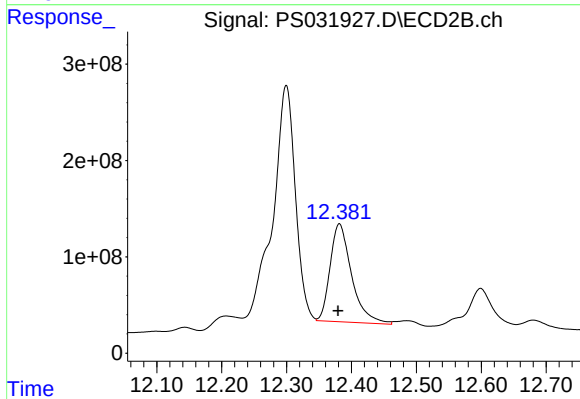
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 154399587
Conc: 144.29 ng/ml m



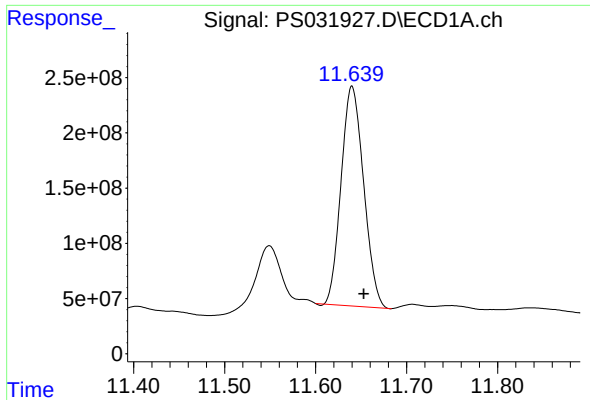
#15 Picloram

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 2719836091
Conc: 151.01 ng/ml m



#15 Picloram

R.T.: 12.382 min
Delta R.T.: 0.002 min
Response: 2341001198
Conc: 98.85 ng/ml



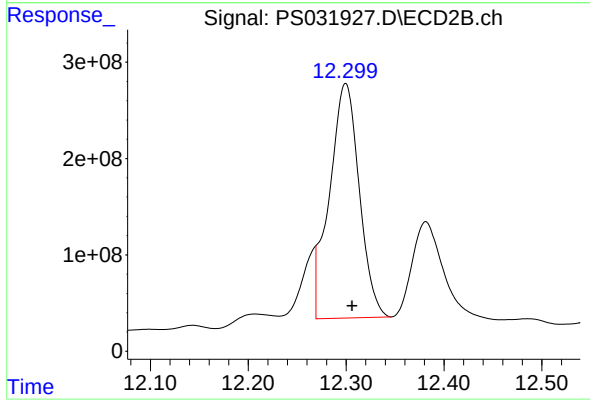
#16 DCPA

R.T.: 11.640 min
Delta R.T.: -0.013 min
Response: 3426050381
Conc: 127.13 ng/ml

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ECD_S
ClientSampleId :
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#16 DCPA

R.T.: 12.299 min
Delta R.T.: -0.007 min
Response: 5138290801
Conc: 213.17 ng/ml m