

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100625\
 Data File : PS031959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2025 17:48
 Operator : AR\AJ
 Sample : Q3266-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ENV-3-6FTMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/07/2025
 Supervised By :mohammad ahmed 10/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 03:02:17 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	7.281	7.740	1631.1E6	449.7E6	452.888m	494.812
Target Compounds							
1) T	Dalapon	2.615f	2.646f	698.5E6	1034.0E6	120.833m	366.991m#
2) T	3,5-DICHL...	6.450	6.697	1292.0E6	328.8E6	242.244	215.615
5) T	DICAMBA	7.464	7.936	3536.4E6	1559.4E6	226.741	239.659
6) T	MCP	7.640	8.036	174.3E6	32772548	19.500	17.401m
7) T	MCPA	7.788	8.275	267.5E6	59834320	24.074	21.360
8) T	DICHLORPROP	8.174	8.656	893.4E6	375.1E6	250.840	257.777m
9) T	2,4-D	8.415	9.002	966.7E6	485.2E6	282.203	294.913
10) T	Pentachlo...	8.703	9.505	14399.5E6	10070.3E6	271.208	253.720
11) T	2,4,5-TP ...	9.281	9.889	5487.2E6	4164.2E6	261.623	276.613
12) T	2,4,5-T	9.579	10.323	4762.3E6	3168.8E6	260.263	235.476
13) T	2,4-DB	10.156	10.890	524.5E6	204.9E6	224.830m	191.530
15) T	Picloram	11.187	12.388	3287.8E6	3607.8E6	182.541m	152.338m
16) T	DCPA	11.641	12.302	4686.7E6	5799.4E6	173.905	240.597m#

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

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Acq On : 06 Oct 2025 17:48
Operator : AR\AJ
Sample : Q3266-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

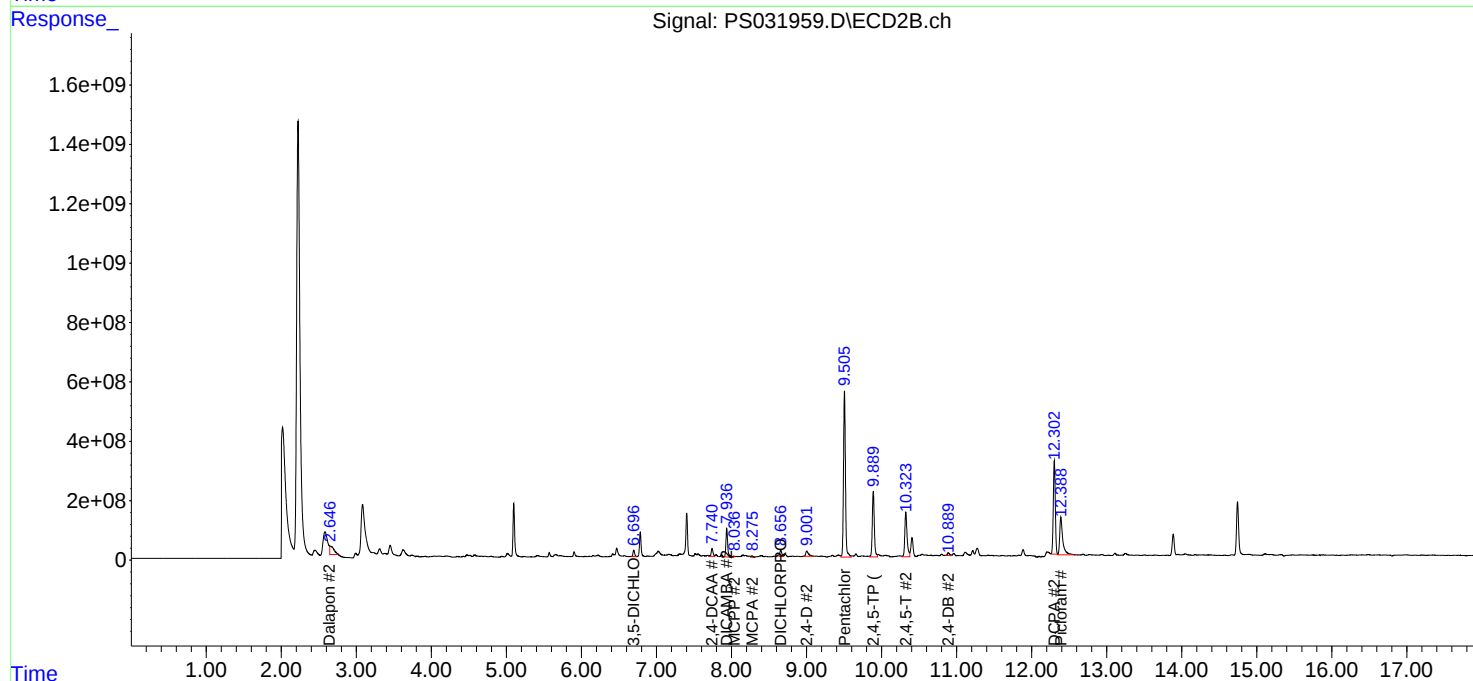
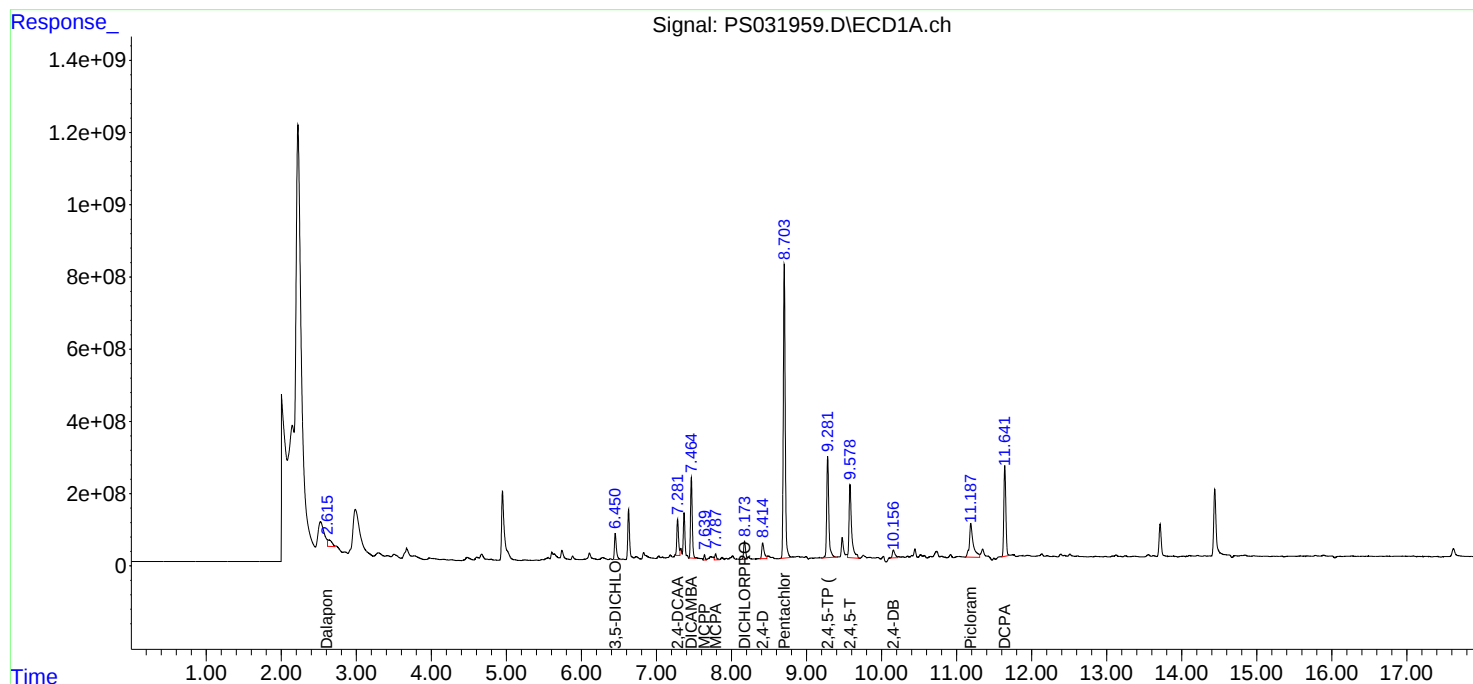
Instrument :
ECD_S
ClientSampleId :
ENV-3-6FTMS

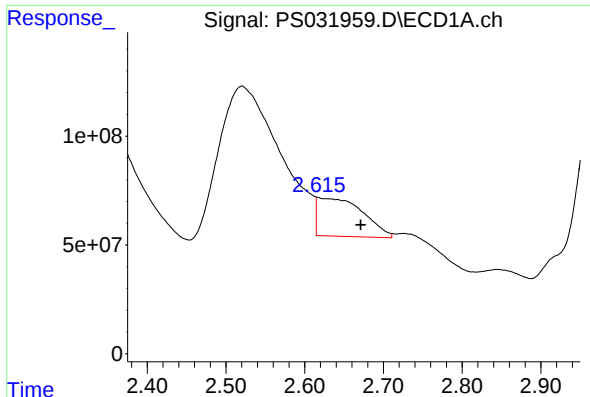
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Integration File signal 1: autoint1.e
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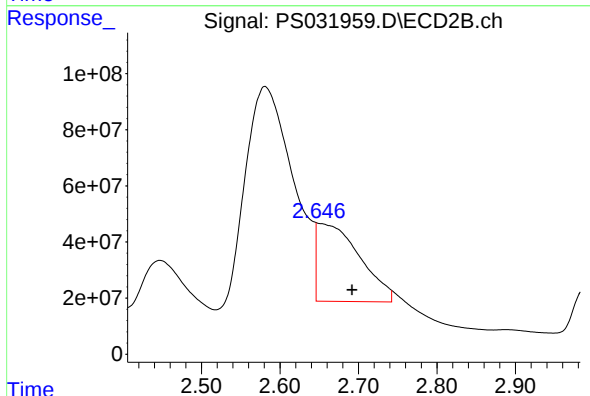
#1 Dalapon

R.T.: 2.615 min
Delta R.T.: -0.056 min
Response: 698502872
Conc: 120.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV-3-6FTMS

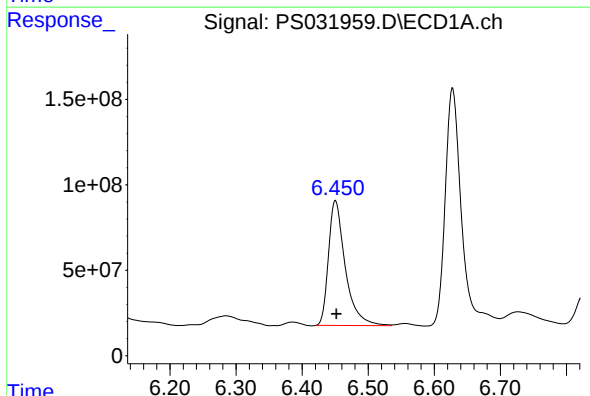
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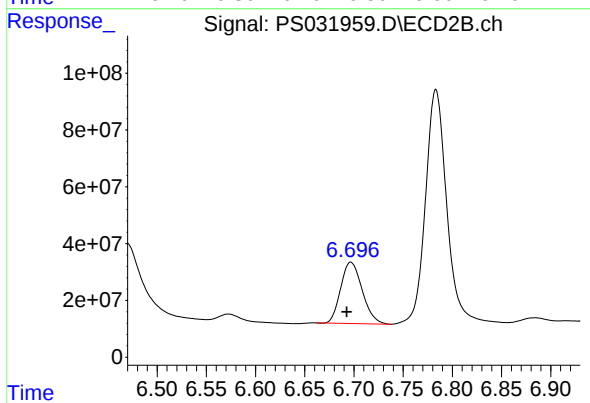
#1 Dalapon

R.T.: 2.646 min
Delta R.T.: -0.046 min
Response: 1034042907
Conc: 366.99 ng/ml m



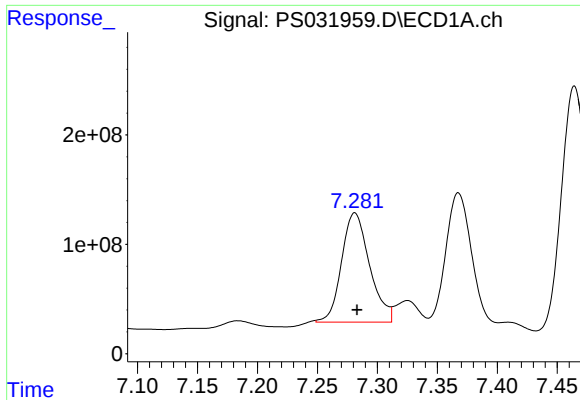
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.001 min
Response: 1291973863
Conc: 242.24 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 328805794
Conc: 215.62 ng/ml



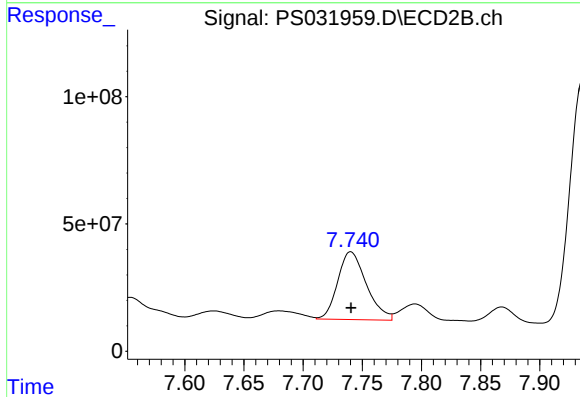
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 1631087035
Conc: 452.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV-3-6FTMS

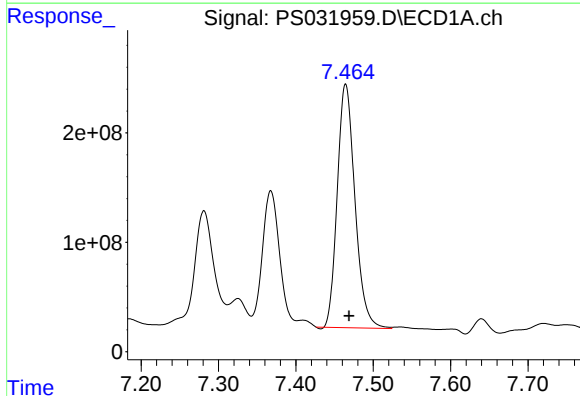
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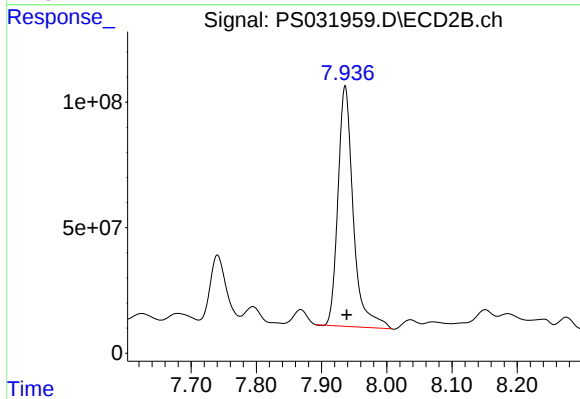
#4 2,4-DCAA

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 449734332
Conc: 494.81 ng/ml



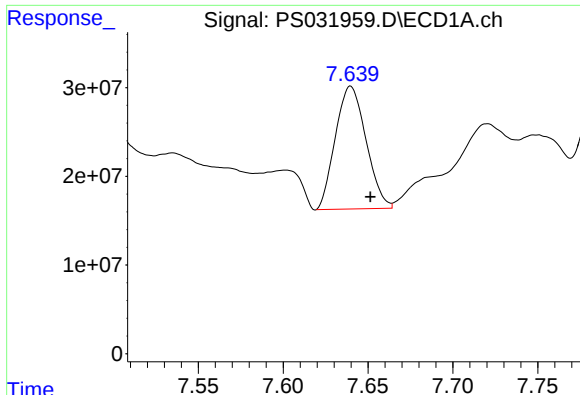
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: -0.004 min
Response: 3536414676
Conc: 226.74 ng/ml



#5 DICAMBA

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 1559424563
Conc: 239.66 ng/ml



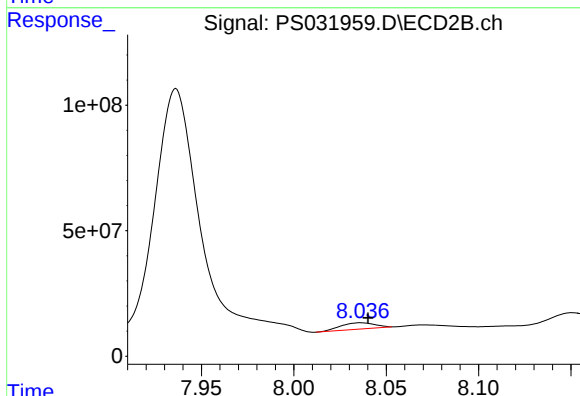
#6 MCPP

R.T.: 7.640 min
Delta R.T.: -0.012 min
Response: 174315951
Conc: 19.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
ENV-3-6FTMS

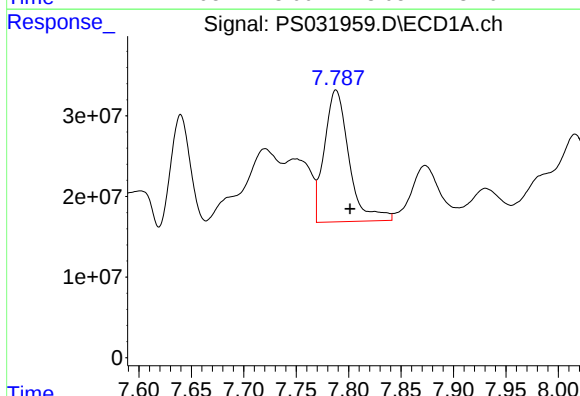
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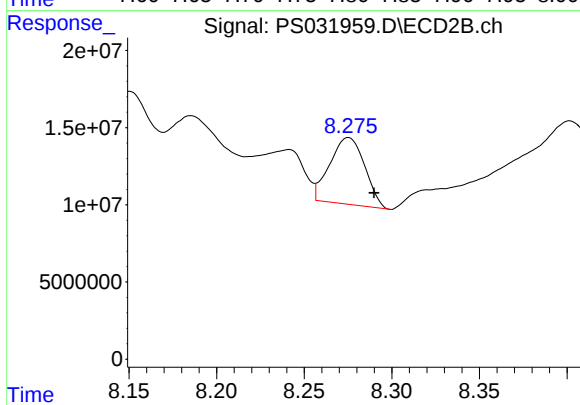
#6 MCPP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 32772548
Conc: 17.40 ug/ml m



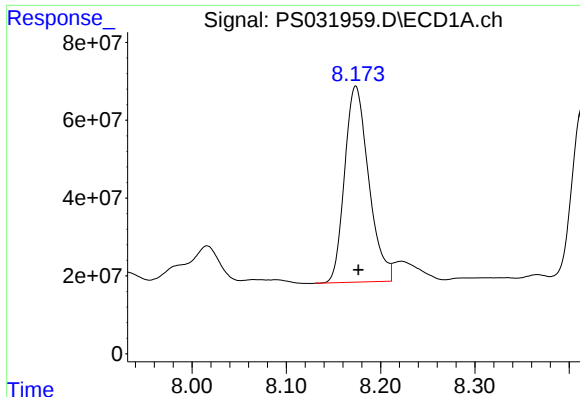
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.014 min
Response: 267476379
Conc: 24.07 ug/ml



#7 MCPA

R.T.: 8.275 min
Delta R.T.: -0.015 min
Response: 59834320
Conc: 21.36 ug/ml



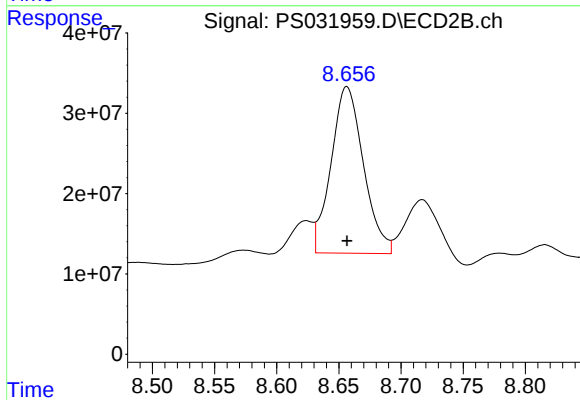
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 893433019
Conc: 250.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV-3-6FTMS

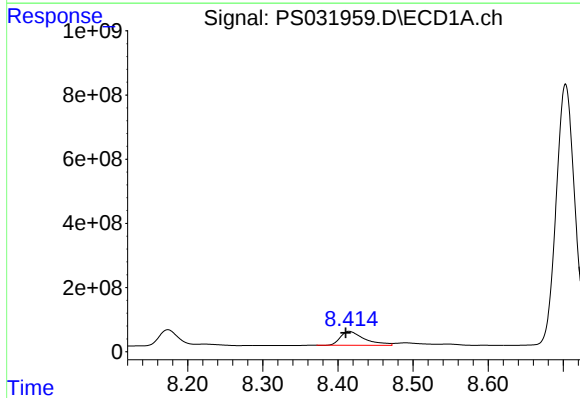
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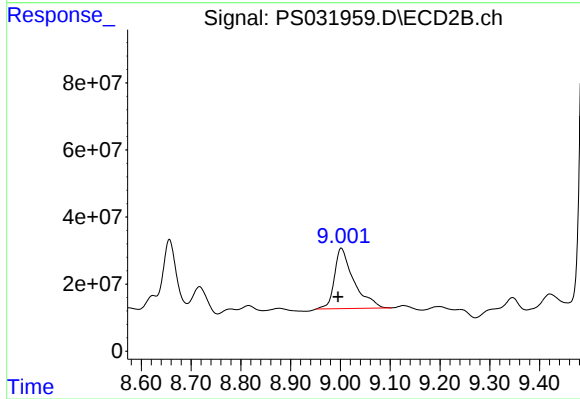
#8 DICHLORPROP

R.T.: 8.656 min
Delta R.T.: 0.000 min
Response: 375080881
Conc: 257.78 ng/ml m



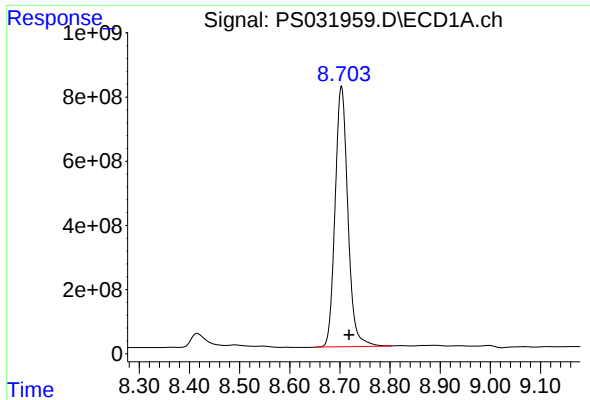
#9 2,4-D

R.T.: 8.415 min
Delta R.T.: 0.004 min
Response: 966726785
Conc: 282.20 ng/ml



#9 2,4-D

R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 485164013
Conc: 294.91 ng/ml



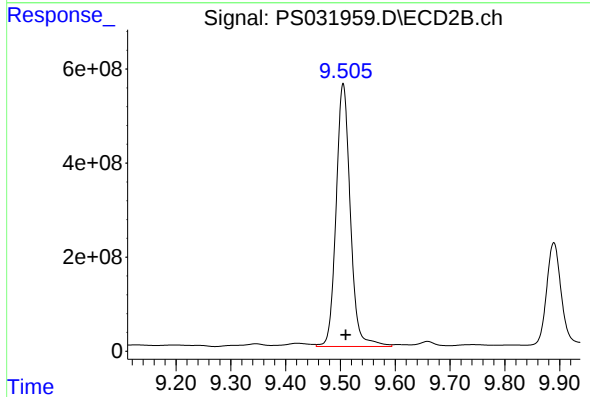
#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.016 min
Response: 14399461189
Conc: 271.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV-3-6FTMS

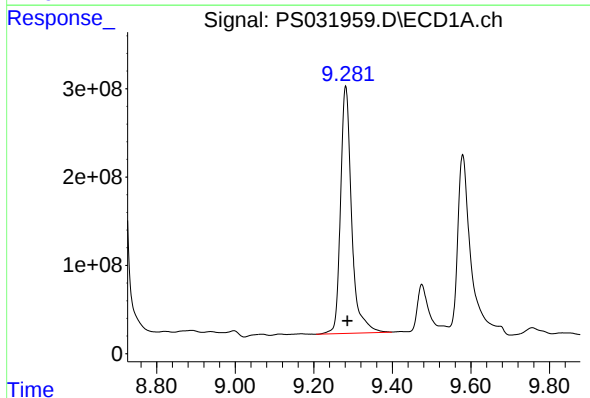
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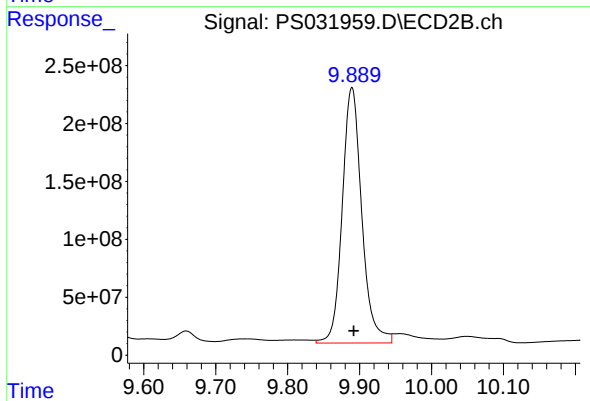
#10 Pentachlorophenol

R.T.: 9.505 min
Delta R.T.: -0.005 min
Response: 10070297428
Conc: 253.72 ng/ml



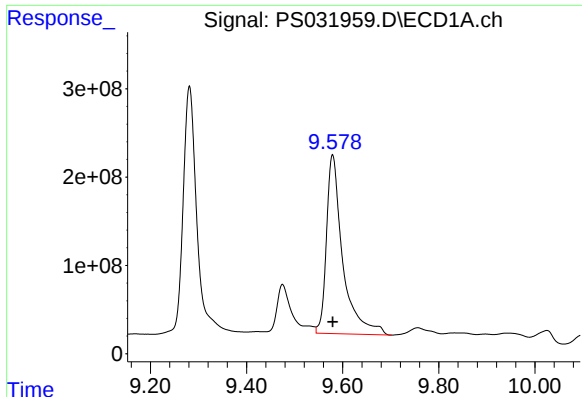
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: -0.004 min
Response: 5487206522
Conc: 261.62 ng/ml



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

R.T.: 9.889 min
Delta R.T.: -0.003 min
Response: 4164222719
Conc: 276.61 ng/ml



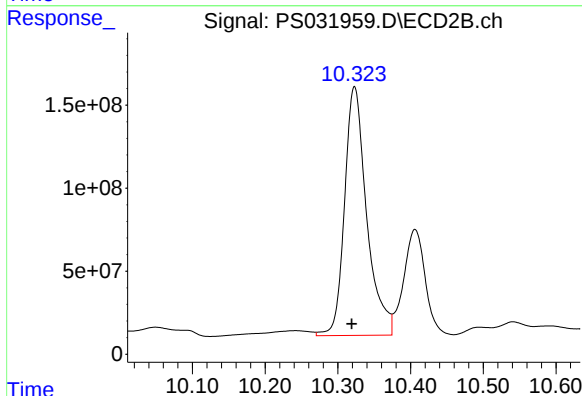
#12 2,4,5-T

R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 4762333422
Conc: 260.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV-3-6FTMS

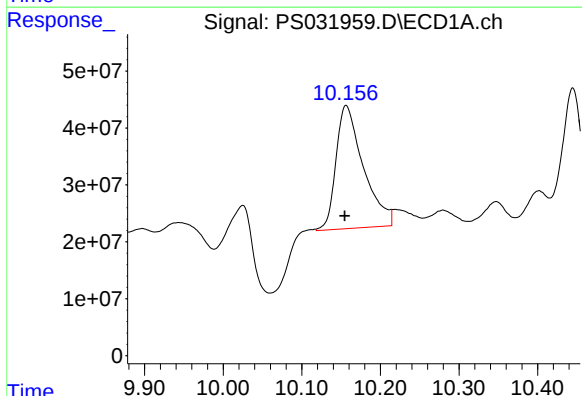
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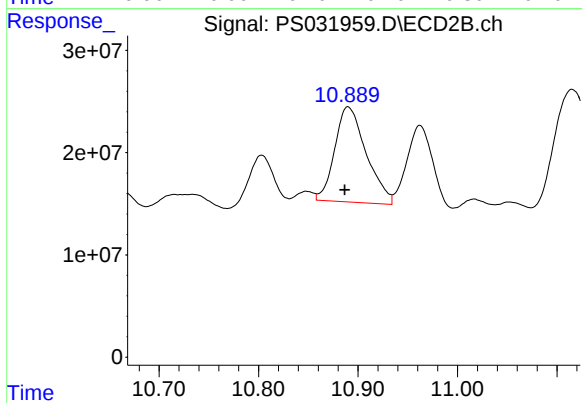
#12 2,4,5-T

R.T.: 10.323 min
Delta R.T.: 0.004 min
Response: 3168798907
Conc: 235.48 ng/ml



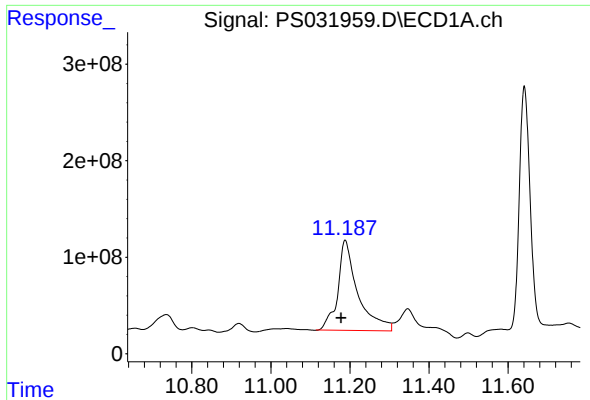
#13 2,4-DB

R.T.: 10.156 min
Delta R.T.: 0.001 min
Response: 524475763
Conc: 224.83 ng/ml m



#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: 0.003 min
Response: 204945510
Conc: 191.53 ng/ml



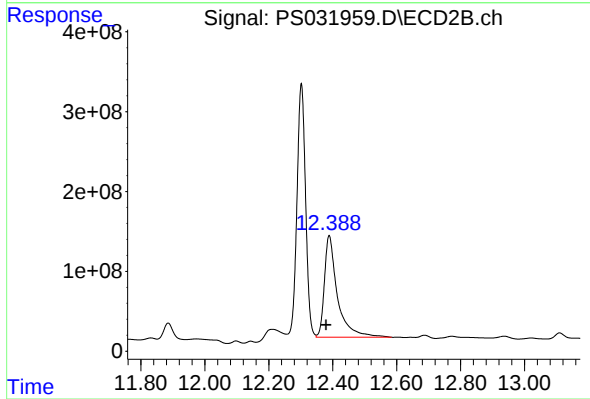
#15 Picloram

R.T.: 11.187 min
Delta R.T.: 0.009 min
Response: 3287763085
Conc: 182.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV-3-6FTMS

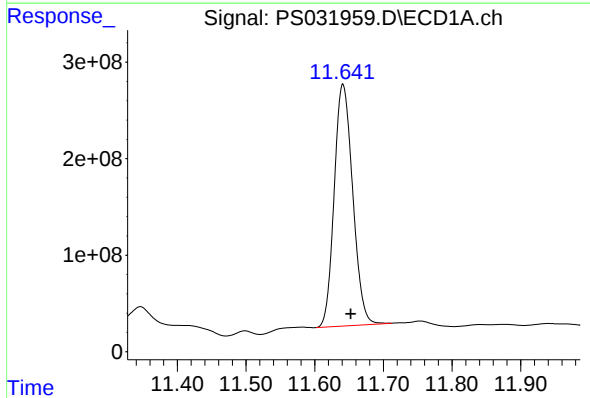
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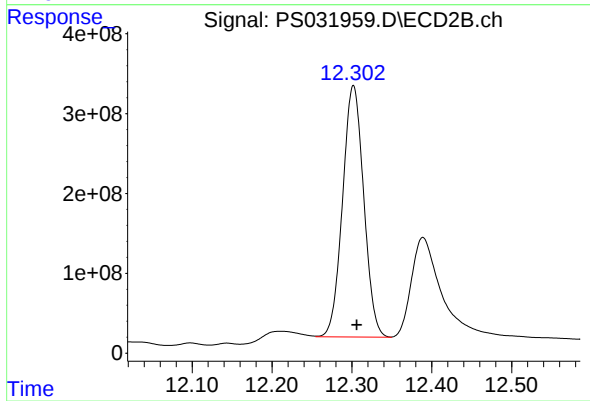
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.009 min
Response: 3607849035
Conc: 152.34 ng/ml m



#16 DCPA

R.T.: 11.641 min
Delta R.T.: -0.011 min
Response: 4686707741
Conc: 173.90 ng/ml



#16 DCPA

R.T.: 12.302 min
Delta R.T.: -0.005 min
Response: 5799379915
Conc: 240.60 ng/ml m