

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101525\
 Data File : PS032032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 17:02
 Operator : AR\AJ
 Sample : Q3326-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:34:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.282	7.733	253.1E6	64968607	53.093m	59.044
Target Compounds							
1) T	Dalapon	2.642	2.684	528.0E6	1305.6E6	68.331m	347.407m#
2) T	3,5-DICHL...	6.454	6.705	289.0E6	66001215	41.063	31.642
5) T	DICAMBA	7.463	7.938	1466.2E6	748.0E6	70.011	86.369m
7) T	MCPA	7.794	8.278	24208363	1128431	1.645	<MDL m#
8) T	DICHLORPROP	8.176	8.659	365.2E6	151.3E6	76.816	77.254
9) T	2,4-D	8.421	9.007	253.5E6	702.6E6	52.205m	338.088 #
10) T	Pentachlo...	8.701	9.507	612.2E6	476.1E6	9.122	9.186
11) T	2,4,5-TP ...	9.280	9.902	2075.9E6	1407.9E6	73.502	70.134m
12) T	2,4,5-T	9.583	10.328	2376.2E6	1258.8E6	94.130m	73.424m
15) T	Picloram	11.192	12.399	2031.1E6	2166.0E6	86.145	65.062
16) T	DCPA	11.645	12.306	4406.4E6	3866.7E6	119.934	116.427

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

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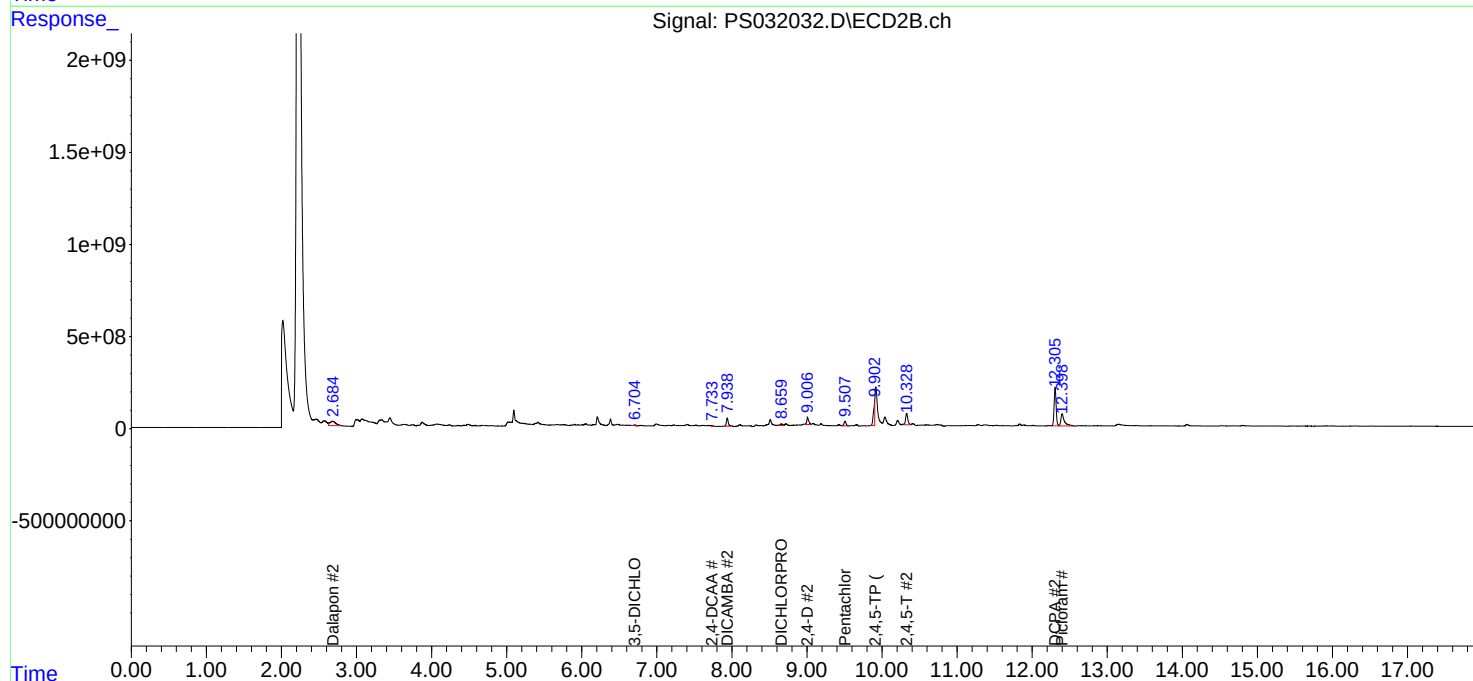
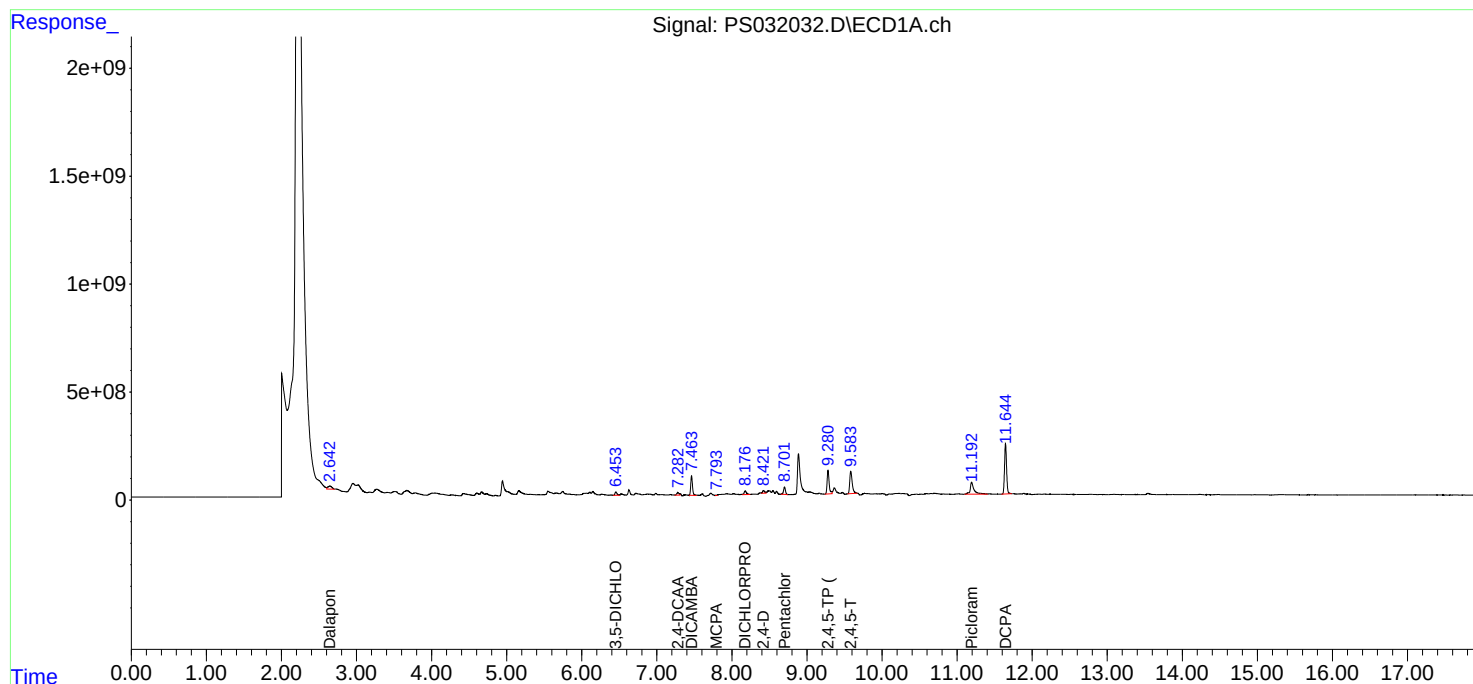
Instrument :
ECD_S
ClientSampleId :
TP-1MSD

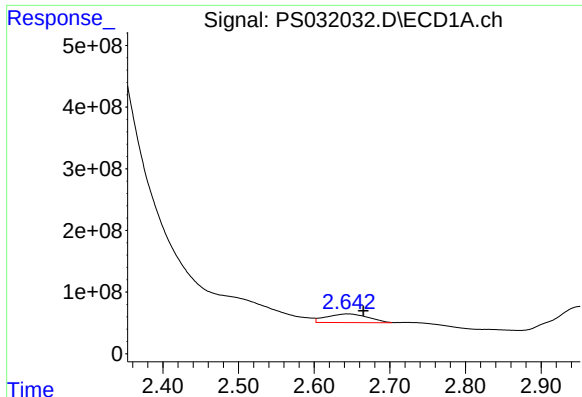
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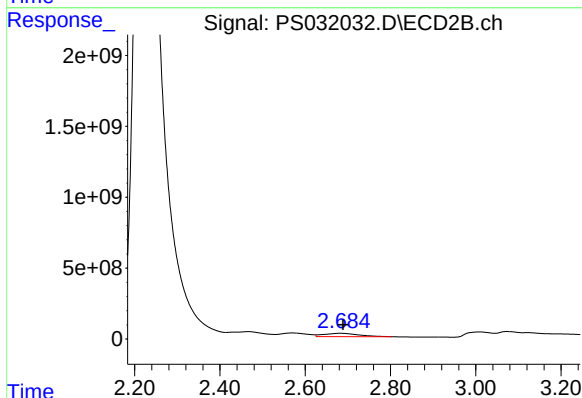
#1 Dalapon

R.T.: 2.642 min
Delta R.T.: -0.023 min
Response: 528033449
Conc: 68.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

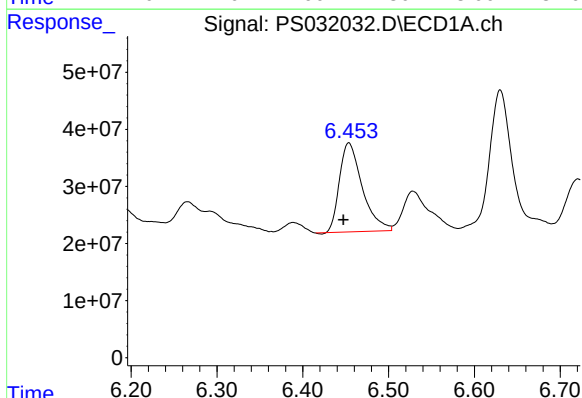
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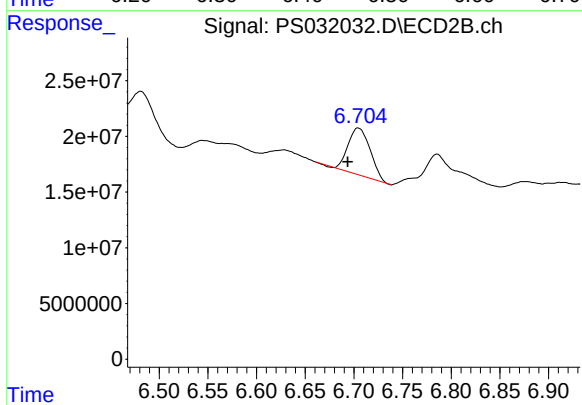
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: -0.005 min
Response: 1305649533
Conc: 347.41 ng/ml m



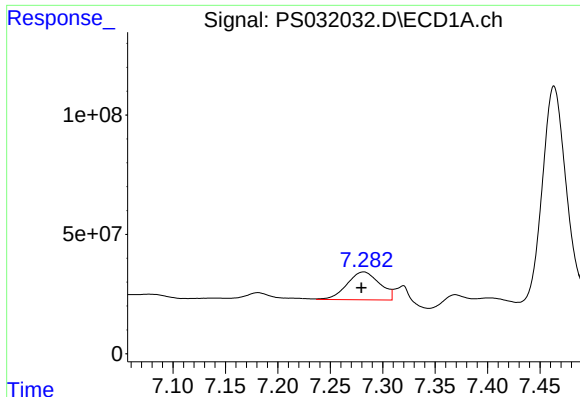
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.454 min
Delta R.T.: 0.006 min
Response: 289034924
Conc: 41.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.705 min
Delta R.T.: 0.011 min
Response: 66001215
Conc: 31.64 ng/ml



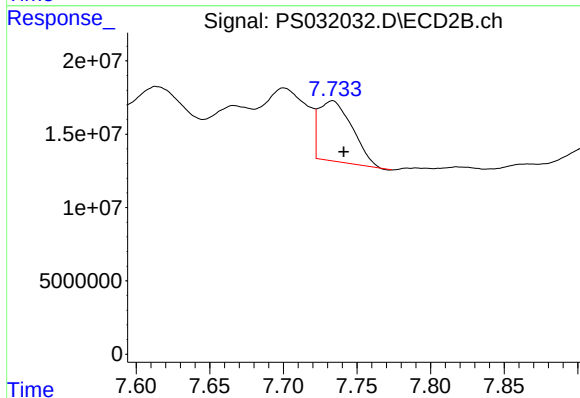
#4 2,4-DCAA

R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 253096644
Conc: 53.09 ng/ml

Instrument :
ECD_S
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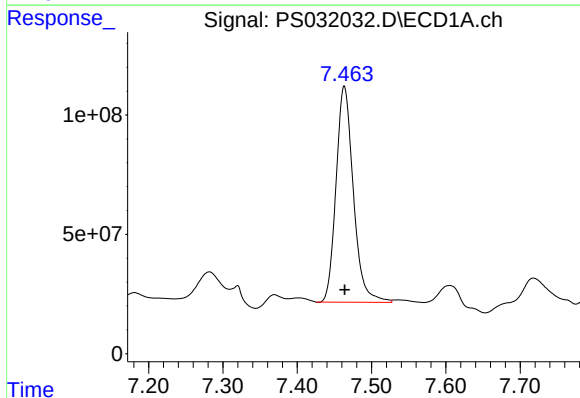
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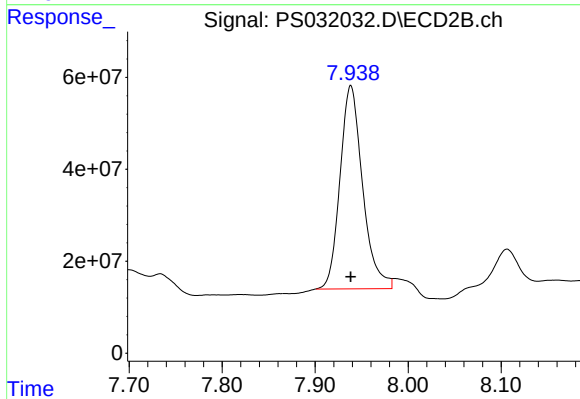
#4 2,4-DCAA

R.T.: 7.733 min
Delta R.T.: -0.008 min
Response: 64968607
Conc: 59.04 ng/ml



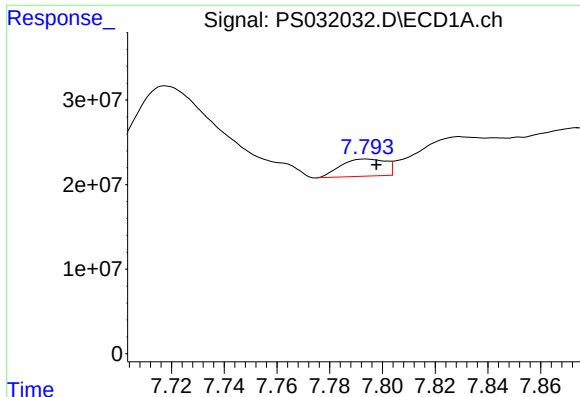
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 1466193033
Conc: 70.01 ng/ml



#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 748035538
Conc: 86.37 ng/ml m



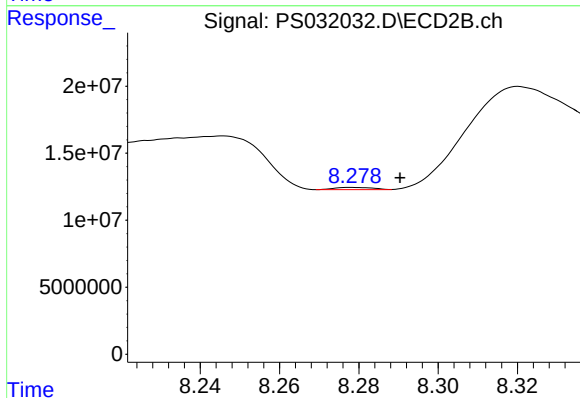
#7 MCPA

R.T.: 7.794 min
Delta R.T.: -0.004 min
Response: 24208363
Conc: 1.65 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

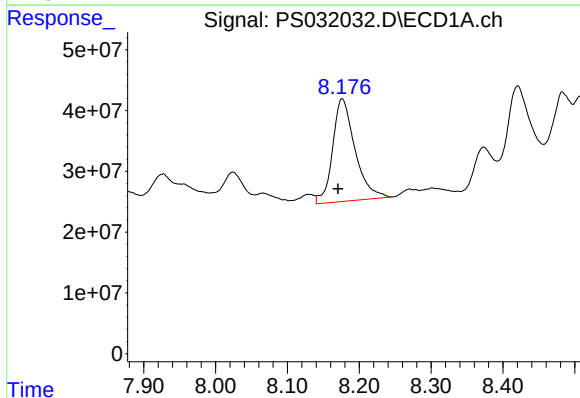
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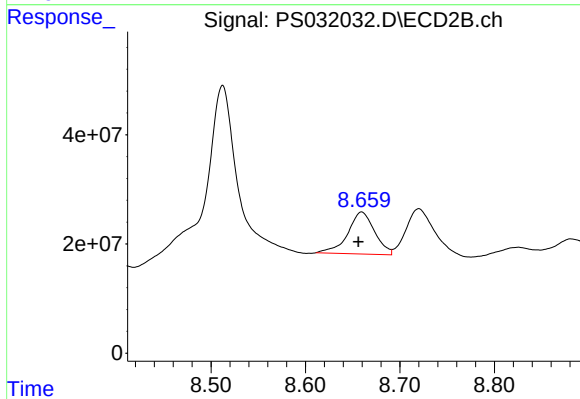
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 1128431
Conc: N.D.



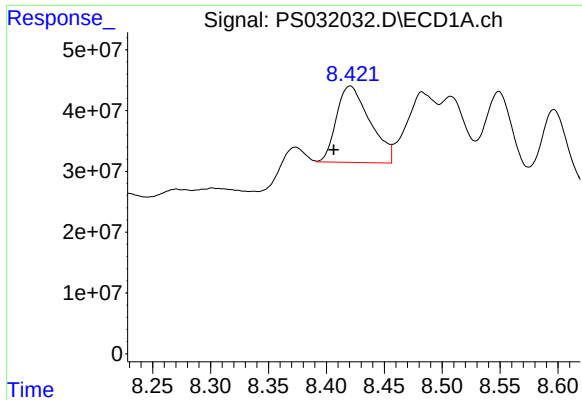
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.006 min
Response: 365195855
Conc: 76.82 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 151282775
Conc: 77.25 ng/ml



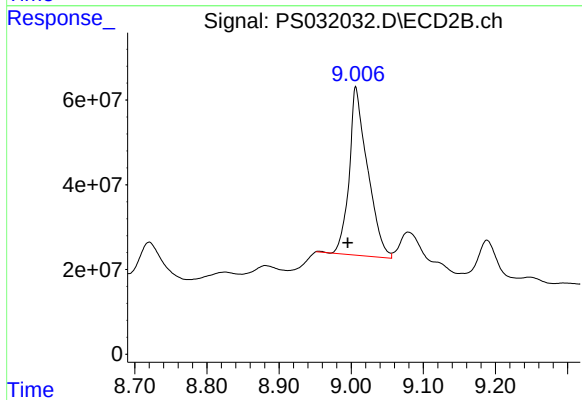
#9 2,4-D

R.T.: 8.421 min
Delta R.T.: 0.014 min
Response: 253502167
Conc: 52.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

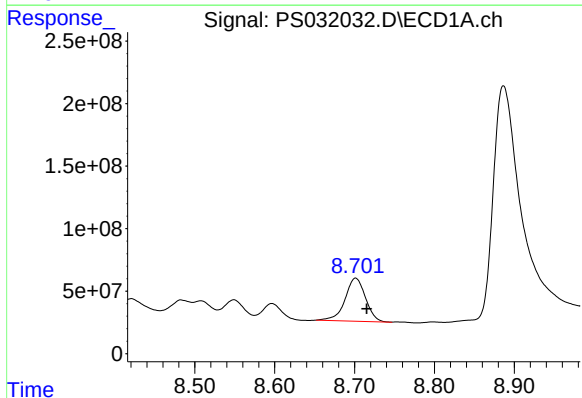
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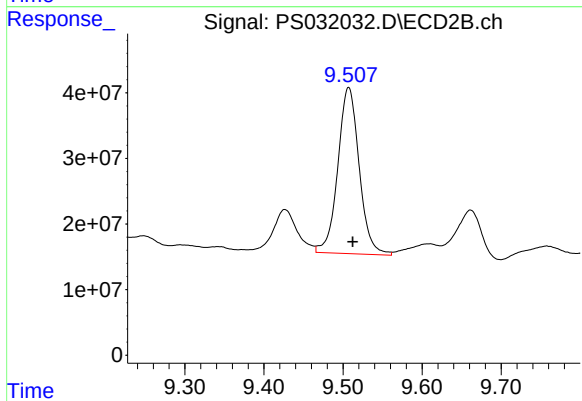
#9 2,4-D

R.T.: 9.007 min
Delta R.T.: 0.012 min
Response: 702647879
Conc: 338.09 ng/ml



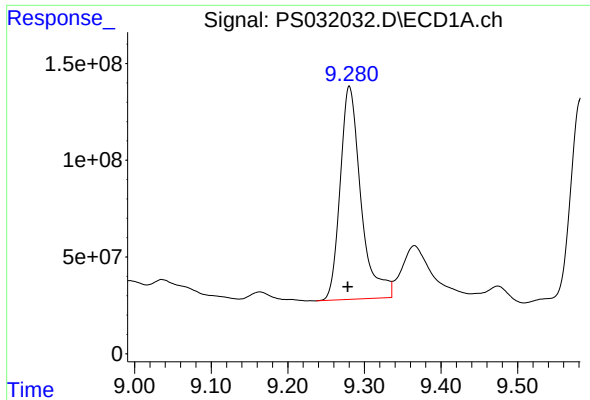
#10 Pentachlorophenol

R.T.: 8.701 min
Delta R.T.: -0.014 min
Response: 612230801
Conc: 9.12 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 476079920
Conc: 9.19 ng/ml



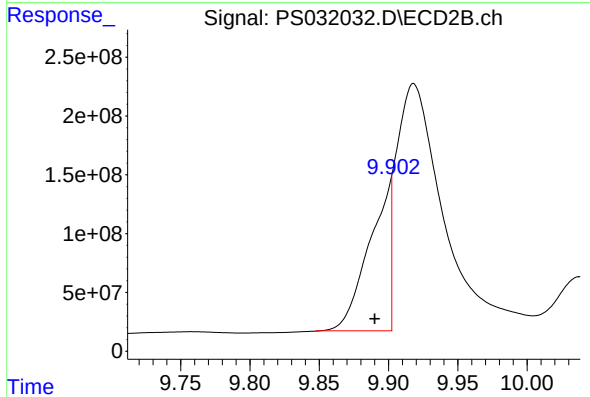
#11 2,4,5-TP (SILVEX)

R.T.: 9.280 min
Delta R.T.: 0.002 min
Response: 2075855156
Conc: 73.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-1MSD

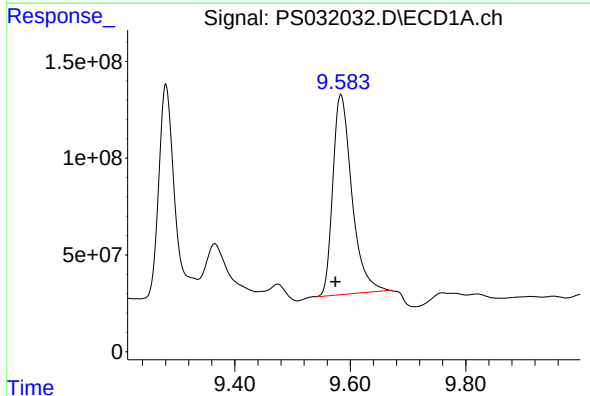
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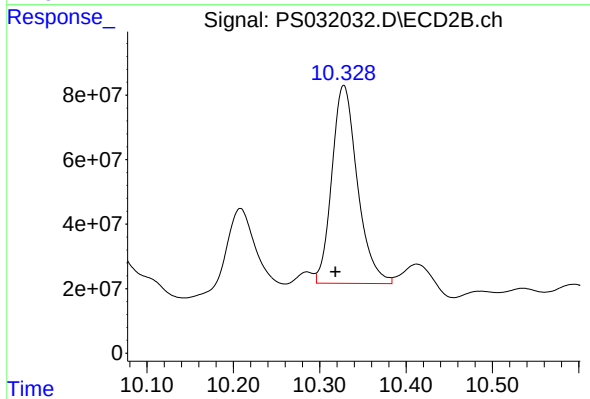
#11 2,4,5-TP (SILVEX)

R.T.: 9.902 min
Delta R.T.: 0.012 min
Response: 1407928296
Conc: 70.13 ng/ml m



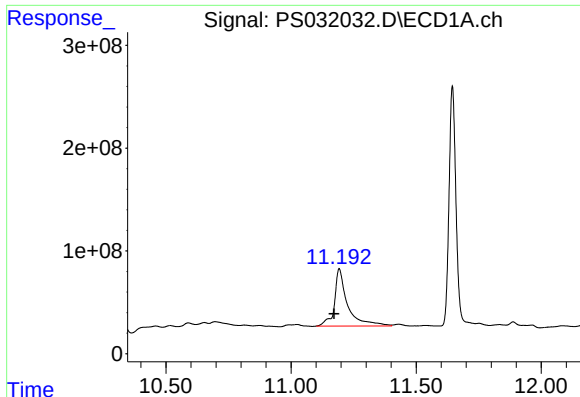
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: 0.009 min
Response: 2376243224
Conc: 94.13 ng/ml m



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: 0.010 min
Response: 1258829113
Conc: 73.42 ng/ml m



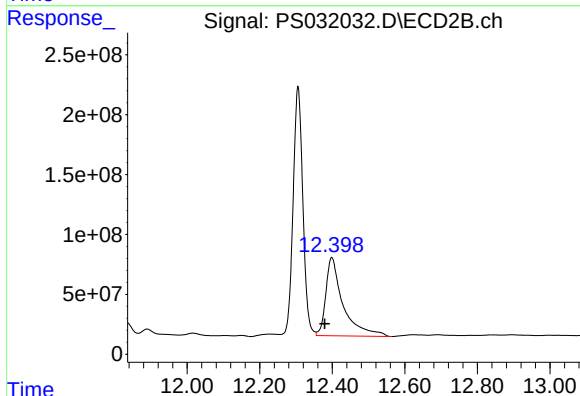
#15 Picloram

R.T.: 11.192 min
Delta R.T.: 0.021 min
Response: 2031103778
Conc: 86.14 ng/ml

Instrument :
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TP-1MSD

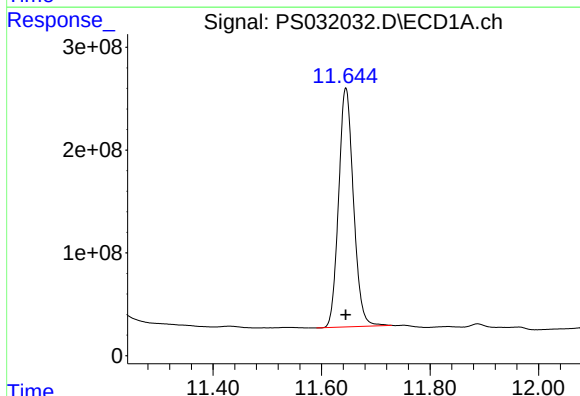
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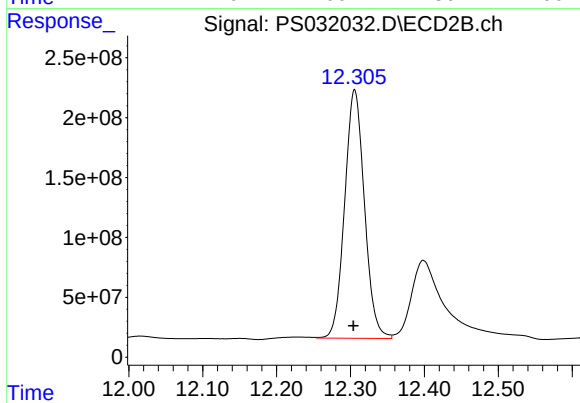
#15 Picloram

R.T.: 12.399 min
Delta R.T.: 0.020 min
Response: 2166030876
Conc: 65.06 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 4406404489
Conc: 119.93 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.002 min
Response: 3866717583
Conc: 116.43 ng/ml