

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102125\
 Data File : PS032115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 22:56
 Operator : AR\AJ
 Sample : Q3392-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-19MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/22/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 14:04:11 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	7.279	7.745	1211.8E6	365.0E6	254.205	331.744 #
Target Compounds							
1) T	Dalapon	2.653	2.687	1009.0E6	1201.0E6	130.577m	319.564m#
2) T	3,5-DICHL...	6.449	6.700	813.8E6	235.1E6	115.610	112.690
3) T	4-Nitroph...	7.098	7.308	42003029	64632974	31.470m	42.594 #
5) T	DICAMBA	7.463	7.940	2422.7E6	1046.2E6	115.685	120.801
6) T	MCPD	7.637	8.046	89672126	44798161	7.333m	18.047m#
7) T	MCPA	7.787	8.279	127.8E6	33325436	8.684	8.834
8) T	DICHLORPROP	8.173	8.660	569.0E6	221.6E6	119.692	113.143
9) T	2,4-D	8.414	9.007	703.2E6	355.8E6	144.815	171.206
10) T	Pentachlo...	8.701	9.508	7839.7E6	5620.2E6	116.802	108.448
11) T	2,4,5-TP ...	9.279	9.891	2988.4E6	3340.1E6	105.815	166.385 #
12) T	2,4,5-T	9.577	10.327	3059.0E6	2141.9E6	121.174	124.933
13) T	2,4-DB	10.157	10.893	331.5E6	165.8E6	106.938m	128.303
14) T	DINOSEB	11.341	11.278	196.7E6	803.8E6	8.820	52.869 #
15) T	Picloram	11.184	12.392	2861.6E6	3066.7E6	121.368	92.116
16) T	DCPA	11.640	12.305	3747.2E6	4352.8E6	101.991	131.064m#

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

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Acq On : 21 Oct 2025 22:56
Operator : AR\AJ
Sample : Q3392-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

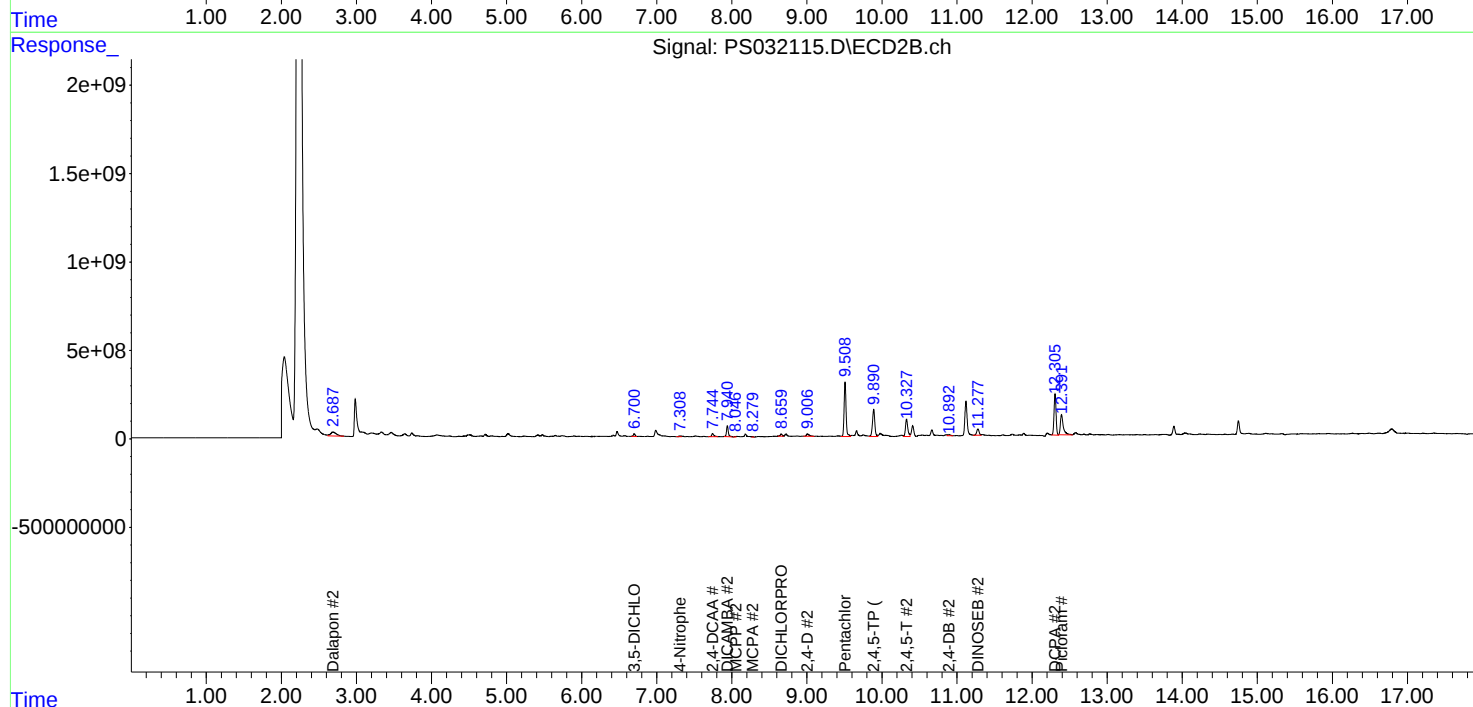
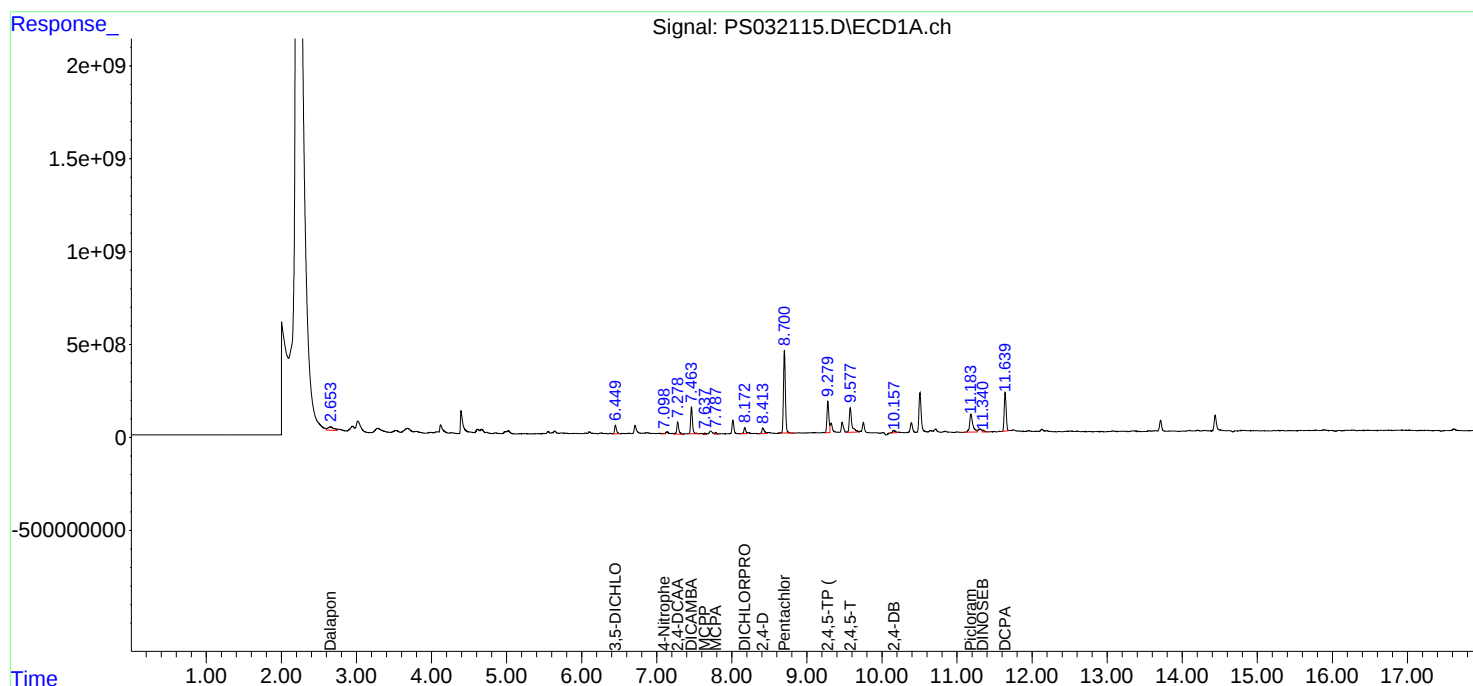
Instrument :
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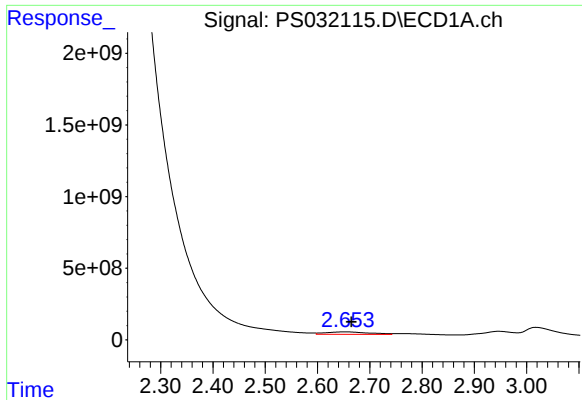
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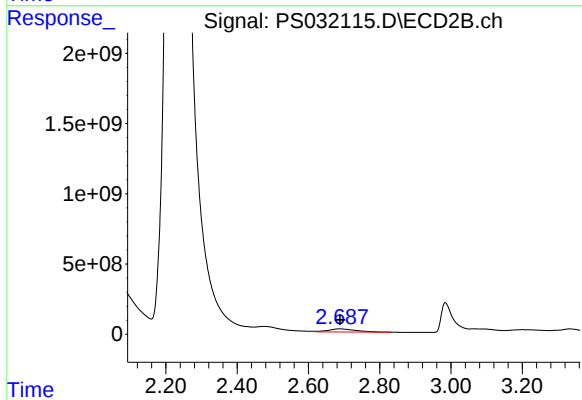
#1 Dalapon

R.T.: 2.653 min
Delta R.T.: -0.012 min
Response: 1009035906
Conc: 130.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MS

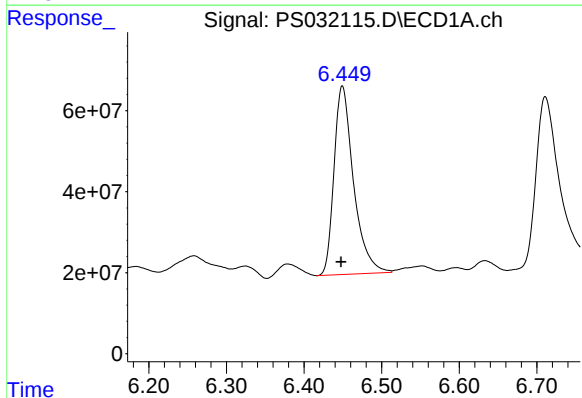
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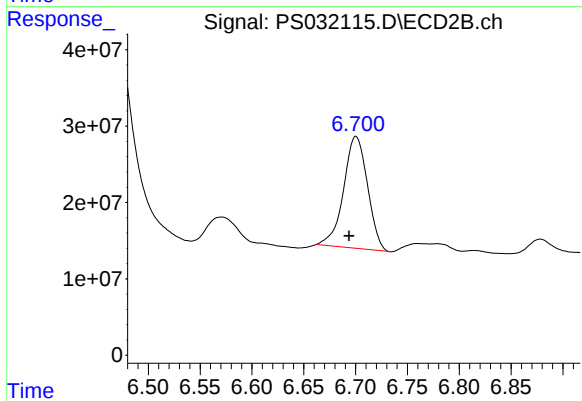
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 1201009158
Conc: 319.56 ng/ml m



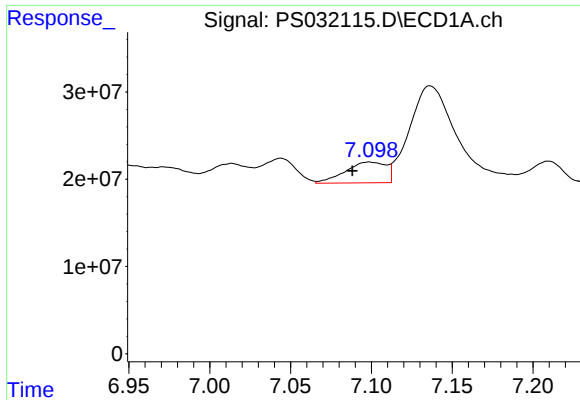
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.449 min
Delta R.T.: 0.002 min
Response: 813762265
Conc: 115.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.007 min
Response: 235057086
Conc: 112.69 ng/ml



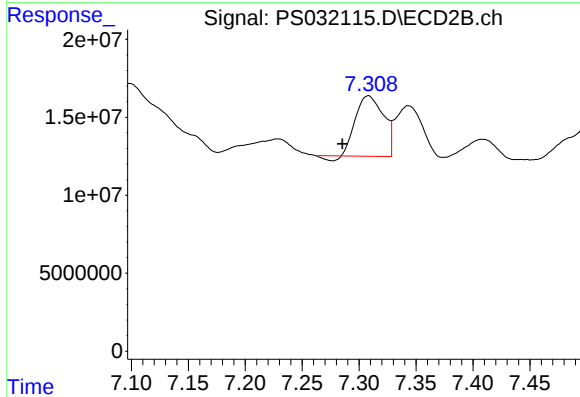
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.010 min
Response: 42003029
Conc: 31.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MS

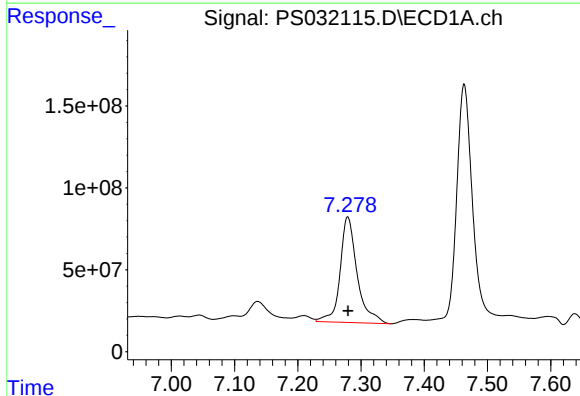
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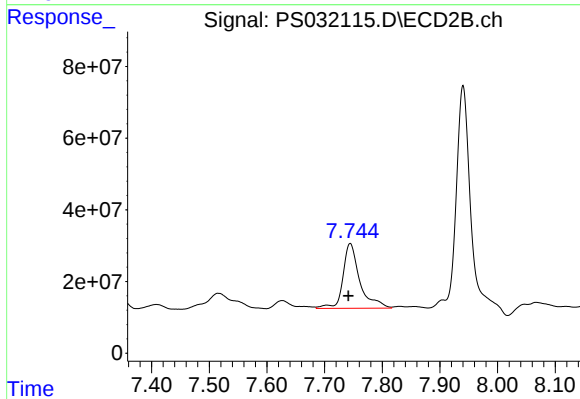
#3 4-Nitrophenol

R.T.: 7.308 min
Delta R.T.: 0.023 min
Response: 64632974
Conc: 42.59 ng/ml



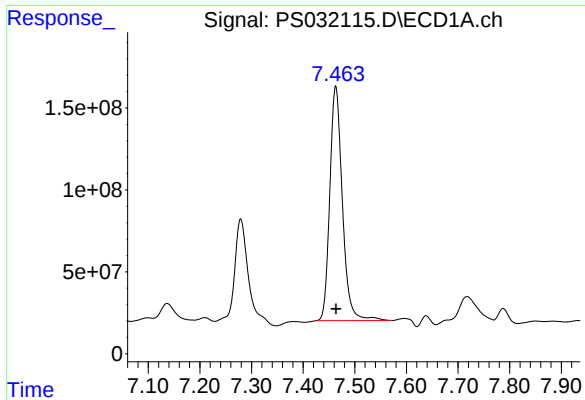
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 1211803205
Conc: 254.20 ng/ml



#4 2,4-DCAA

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 365030885
Conc: 331.74 ng/ml



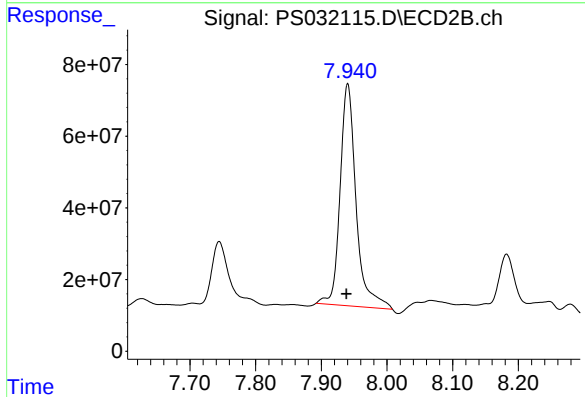
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 2422710863
Conc: 115.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MS

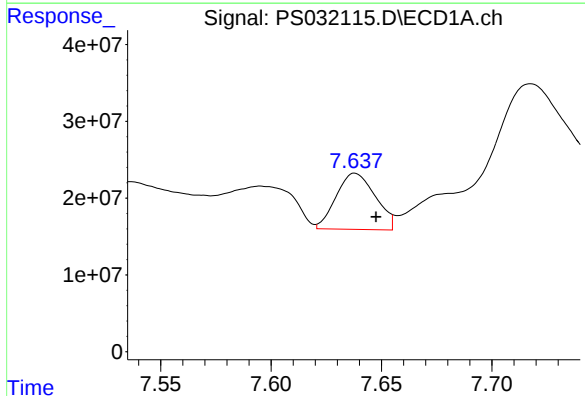
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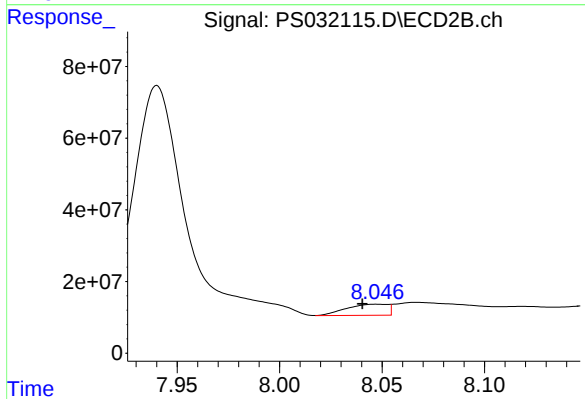
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 1046246096
Conc: 120.80 ng/ml



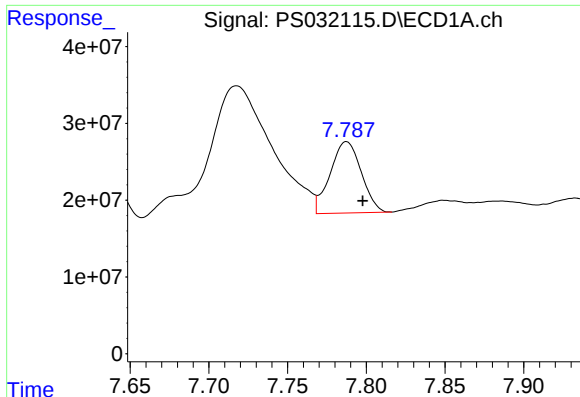
#6 MCP

R.T.: 7.637 min
Delta R.T.: -0.010 min
Response: 89672126
Conc: 7.33 ug/ml m



#6 MCP

R.T.: 8.046 min
Delta R.T.: 0.006 min
Response: 44798161
Conc: 18.05 ug/ml m



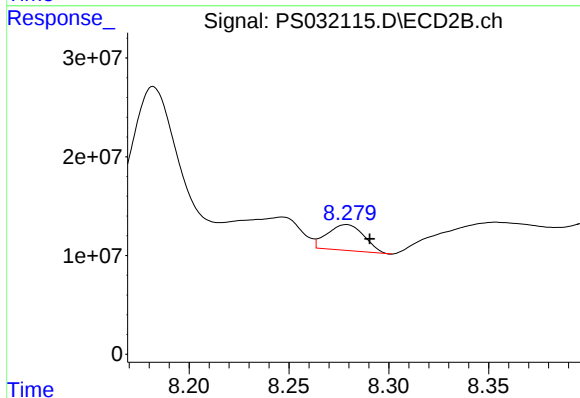
#7 MCPA

R.T.: 7.787 min
Delta R.T.: -0.010 min
Response: 127801781
Conc: 8.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MS

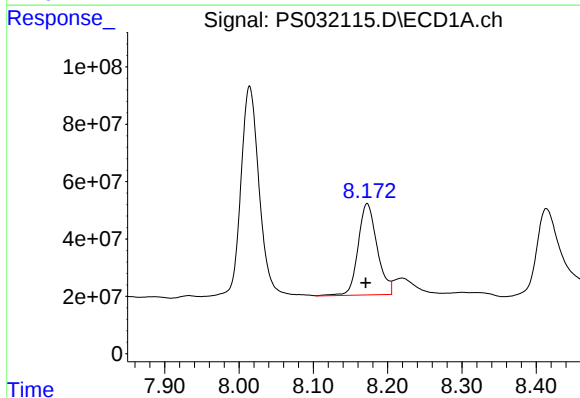
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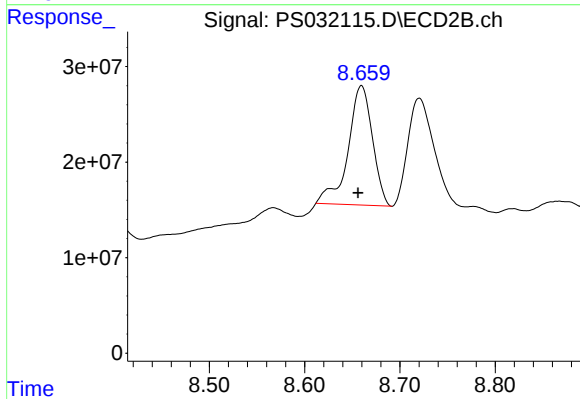
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.012 min
Response: 33325436
Conc: 8.83 ug/ml



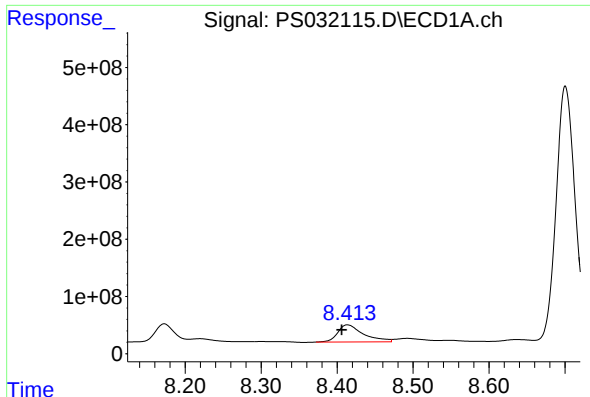
#8 DICHLORPROP

R.T.: 8.173 min
Delta R.T.: 0.002 min
Response: 569031224
Conc: 119.69 ng/ml



#8 DICHLORPROP

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 221563615
Conc: 113.14 ng/ml



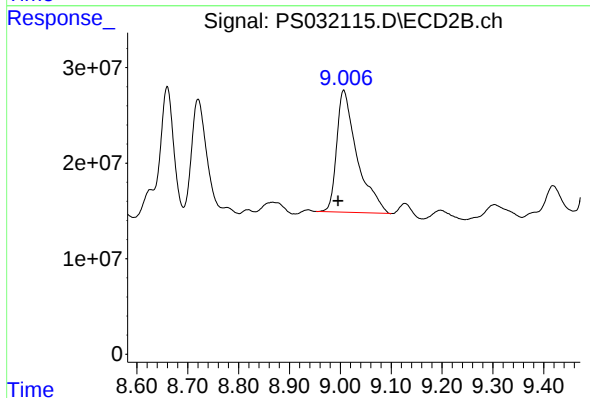
#9 2,4-D

R.T.: 8.414 min
Delta R.T.: 0.008 min
Response: 703202018
Conc: 144.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MS

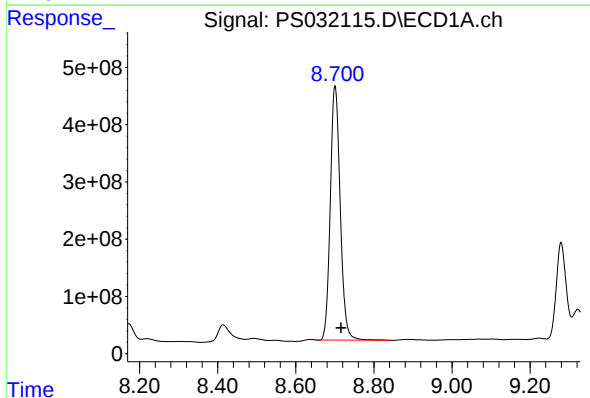
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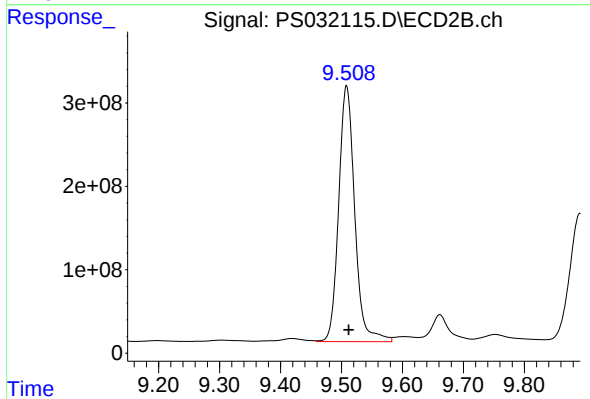
#9 2,4-D

R.T.: 9.007 min
Delta R.T.: 0.011 min
Response: 355816266
Conc: 171.21 ng/ml



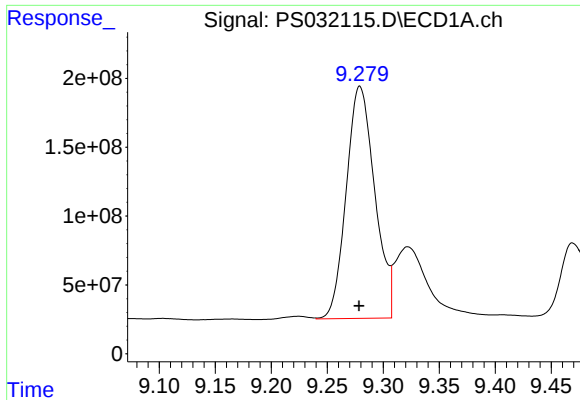
#10 Pentachlorophenol

R.T.: 8.701 min
Delta R.T.: -0.015 min
Response: 7839719076
Conc: 116.80 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 5620214237
Conc: 108.45 ng/ml



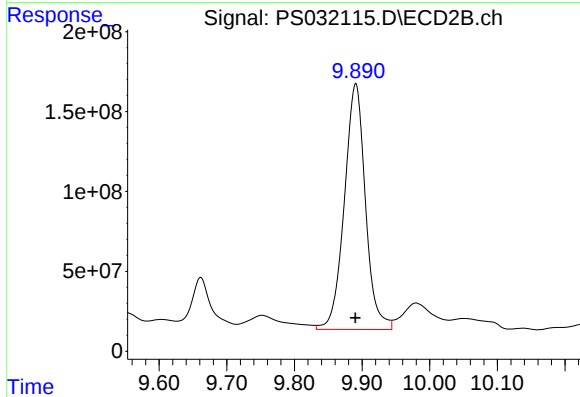
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 2988426409
Conc: 105.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MS

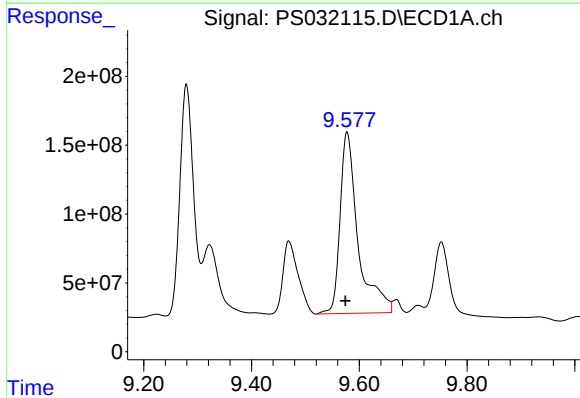
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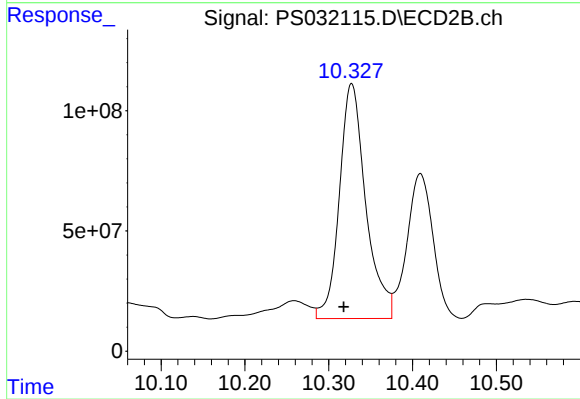
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 3340149639
Conc: 166.38 ng/ml



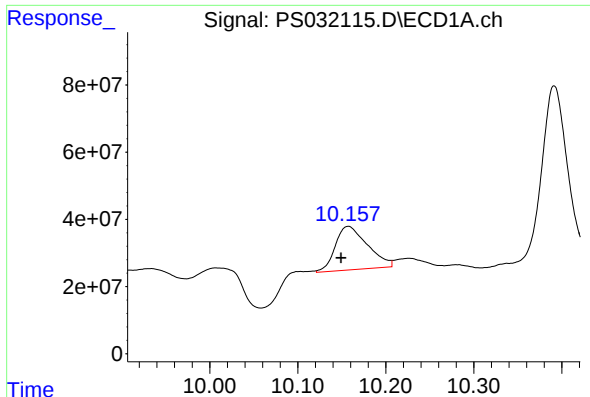
#12 2,4,5-T

R.T.: 9.577 min
Delta R.T.: 0.003 min
Response: 3058959177
Conc: 121.17 ng/ml



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: 0.009 min
Response: 2141933479
Conc: 124.93 ng/ml



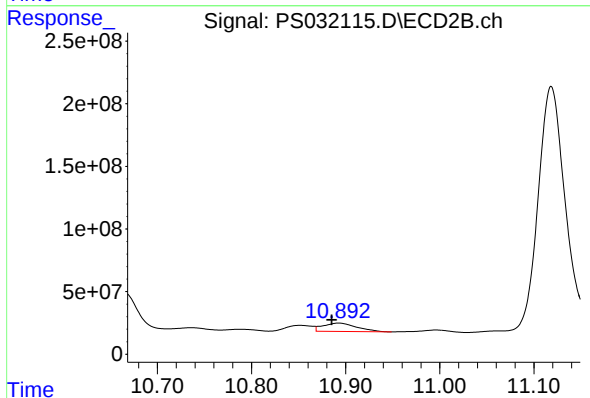
#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.008 min
Response: 331541412
Conc: 106.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MS

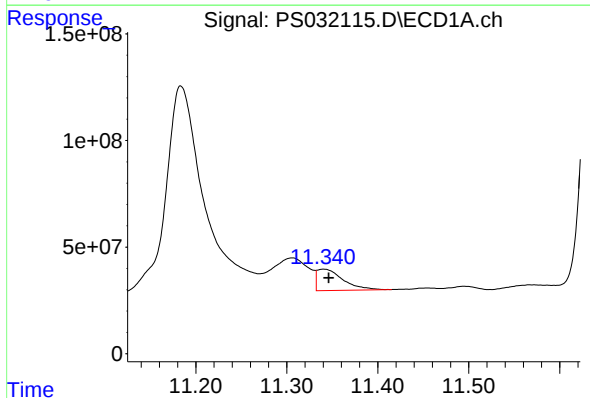
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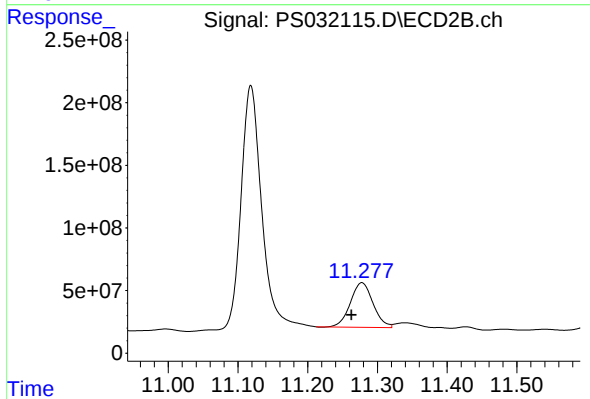
#13 2,4-DB

R.T.: 10.893 min
Delta R.T.: 0.007 min
Response: 165779310
Conc: 128.30 ng/ml



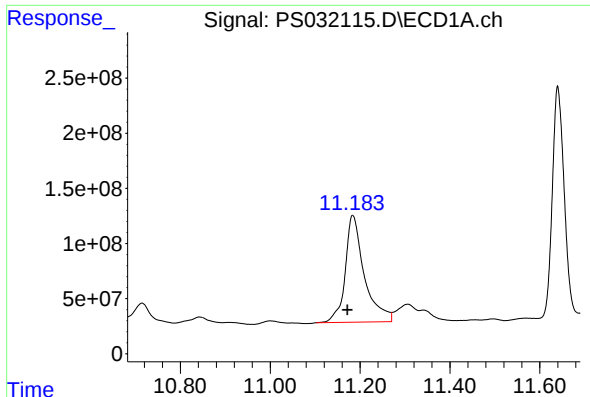
#14 DINOSEB

R.T.: 11.341 min
Delta R.T.: -0.005 min
Response: 196688332
Conc: 8.82 ng/ml



#14 DINOSEB

R.T.: 11.278 min
Delta R.T.: 0.015 min
Response: 803772144
Conc: 52.87 ng/ml



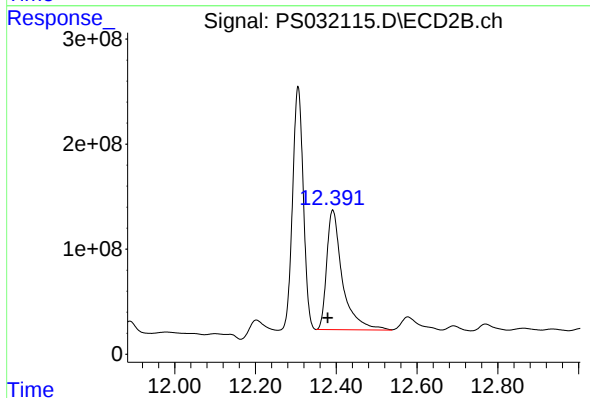
#15 Picloram

R.T.: 11.184 min
Delta R.T.: 0.012 min
Response: 2861608722
Conc: 121.37 ng/ml

Instrument :
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ClientSampleId :
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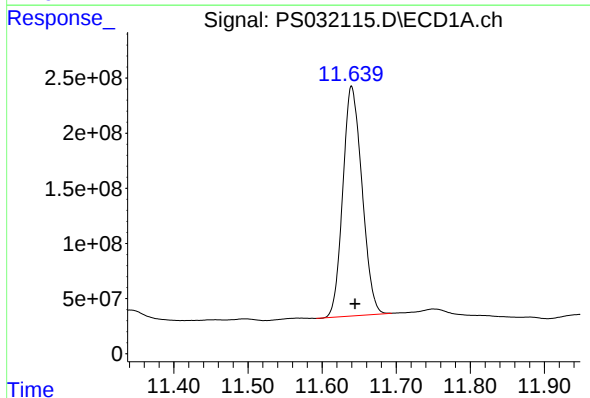
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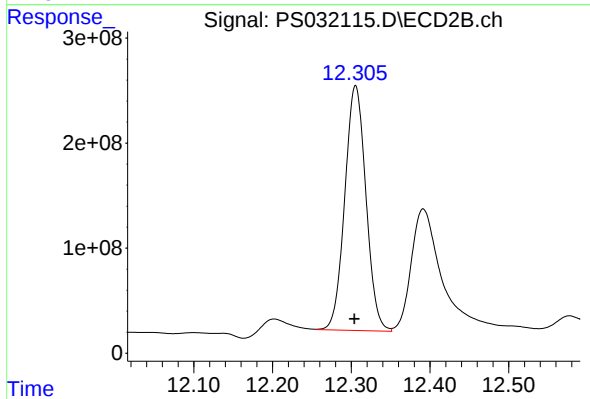
#15 Picloram

R.T.: 12.392 min
Delta R.T.: 0.012 min
Response: 3066730665
Conc: 92.12 ng/ml



#16 DCPA

R.T.: 11.640 min
Delta R.T.: -0.004 min
Response: 3747168211
Conc: 101.99 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.001 min
Response: 4352836360
Conc: 131.06 ng/ml m