

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102125\
 Data File : PS032116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 23:21
 Operator : AR\AJ
 Sample : Q3392-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MH-19MSD

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 14:04:24 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	7.744	1217.3E6	357.1E6	255.353	324.522 #
Target Compounds							
1) T	Dalapon	2.653	2.686	1014.7E6	1419.2E6	131.312m	377.630m#
2) T	3,5-DICHL...	6.450	6.699	811.4E6	255.9E6	115.276	122.699m
3) T	4-Nitroph...	7.097	7.307	51375778	83930110	38.493m	55.311m#
5) T	DICAMBA	7.464	7.939	2405.0E6	1042.9E6	114.841	120.419m
6) T	MCPD	7.638	8.045	84572325	45730847	6.916m	18.423m#
7) T	MCPA	7.788	8.279	132.0E6	33579008	8.968	8.901
8) T	DICHLORPROP	8.172	8.658	678.4E6	229.2E6	142.702	117.066
9) T	2,4-D	8.413	9.005	714.3E6	361.4E6	147.108	173.870
10) T	Pentachlo...	8.701	9.508	7687.4E6	5507.0E6	114.533	106.264
11) T	2,4,5-TP ...	9.279	9.889	2950.5E6	3263.2E6	104.472m	162.550 #
12) T	2,4,5-T	9.576	10.326	2590.2E6	2144.3E6	102.606m	125.071
13) T	2,4-DB	10.155	10.891	359.5E6	169.3E6	115.951m	131.062
14) T	DINOSEB	11.341	11.276	215.8E6	724.1E6	9.677m	47.626 #
15) T	Picloram	11.183	12.390	2916.8E6	3105.0E6	123.709	93.265
16) T	DCPA	11.640	12.305	3772.7E6	4351.6E6	102.686	131.027m#

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

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Acq On : 21 Oct 2025 23:21
Operator : AR\AJ
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ALS Vial : 15 Sample Multiplier: 1

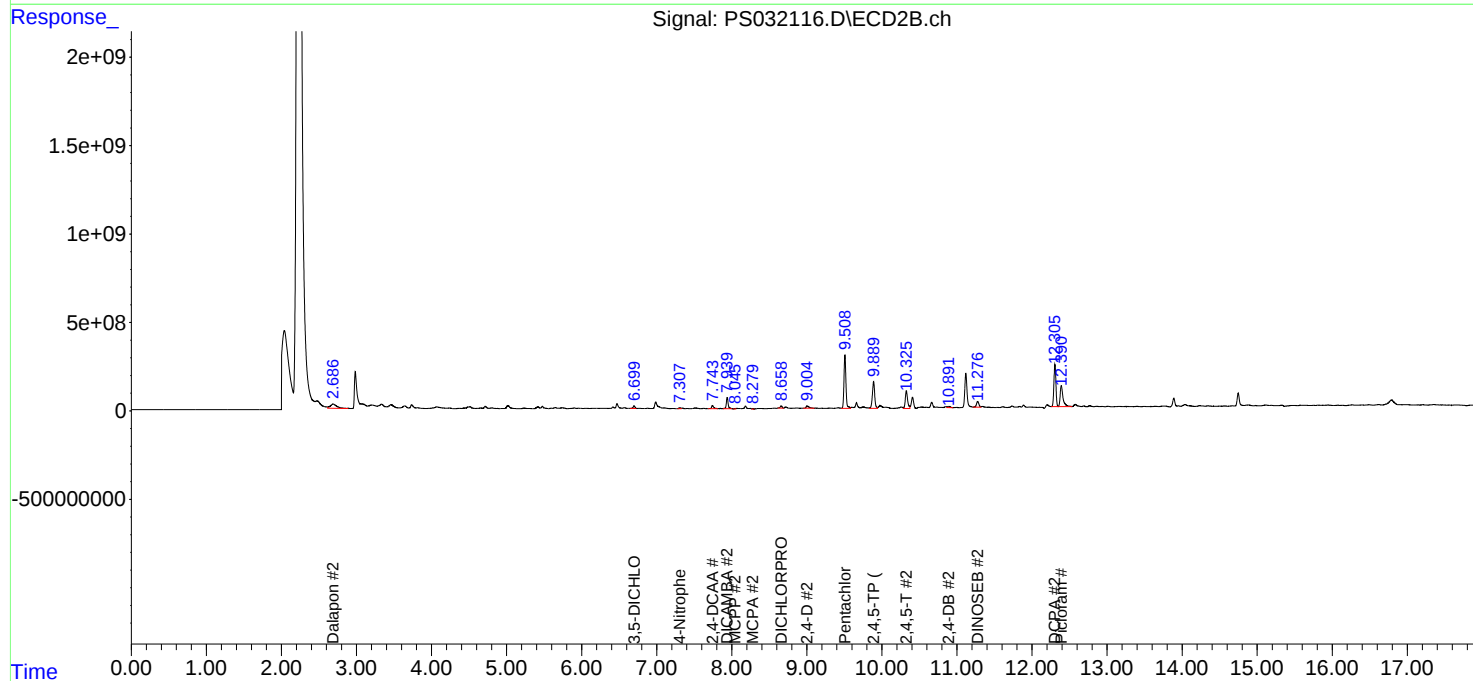
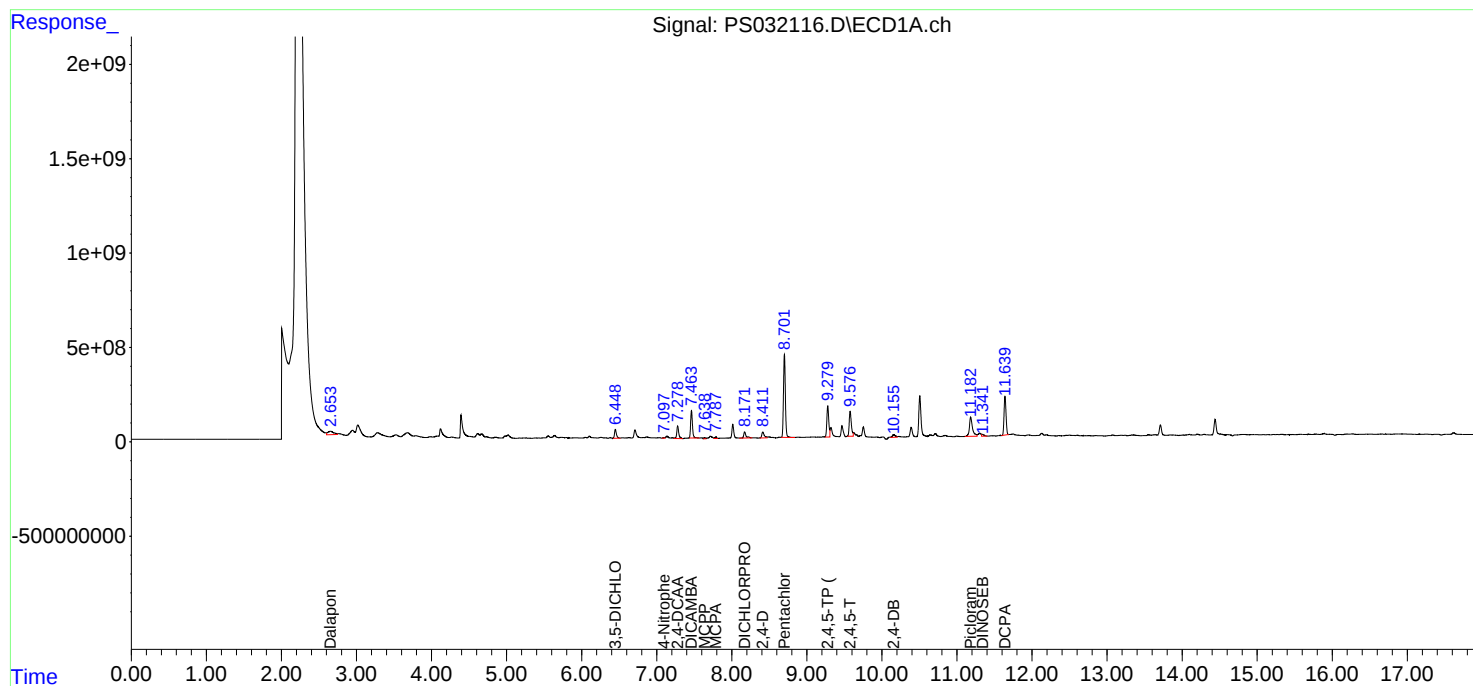
Instrument :
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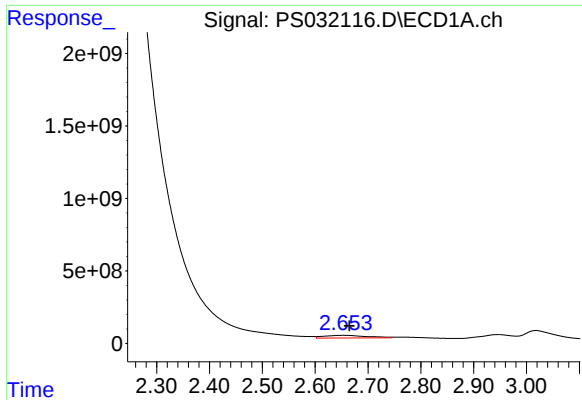
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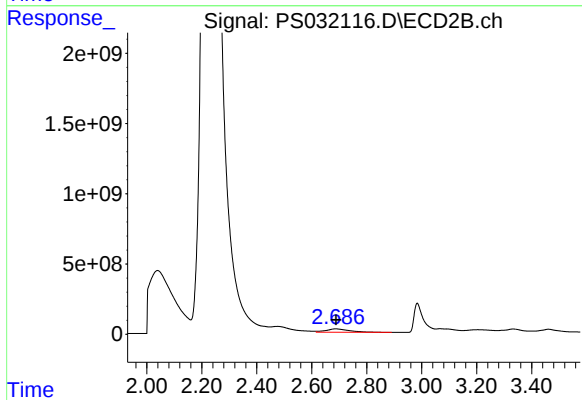
#1 Dalapon

R.T.: 2.653 min
Delta R.T.: -0.012 min
Response: 1014716463
Conc: 131.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MSD

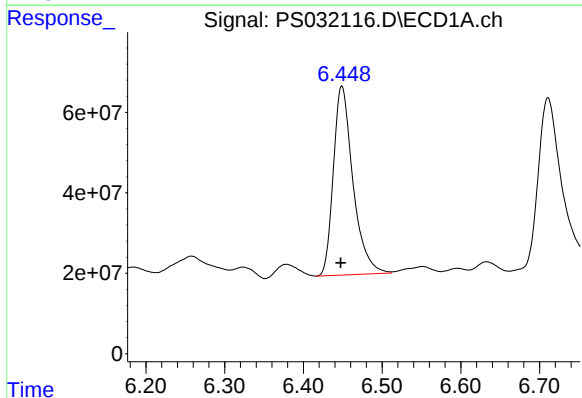
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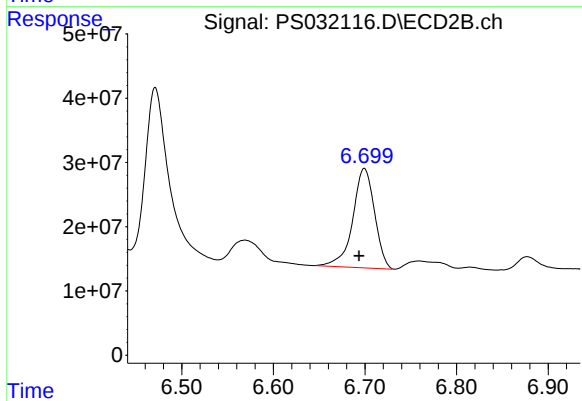
#1 Dalapon

R.T.: 2.686 min
Delta R.T.: -0.003 min
Response: 1419233638
Conc: 377.63 ng/ml m



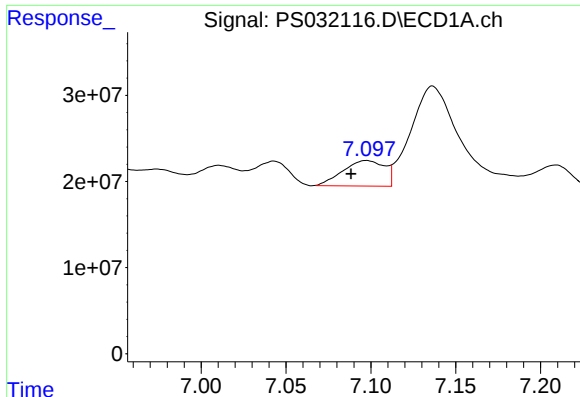
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 811411716
Conc: 115.28 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.699 min
Delta R.T.: 0.005 min
Response: 255934955
Conc: 122.70 ng/ml m



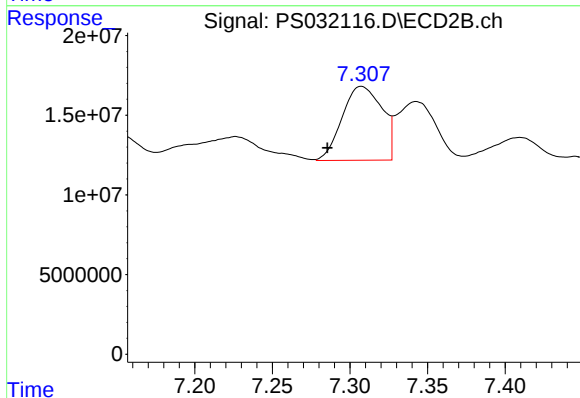
#3 4-Nitrophenol

R.T.: 7.097 min
Delta R.T.: 0.009 min
Response: 51375778
Conc: 38.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MSD

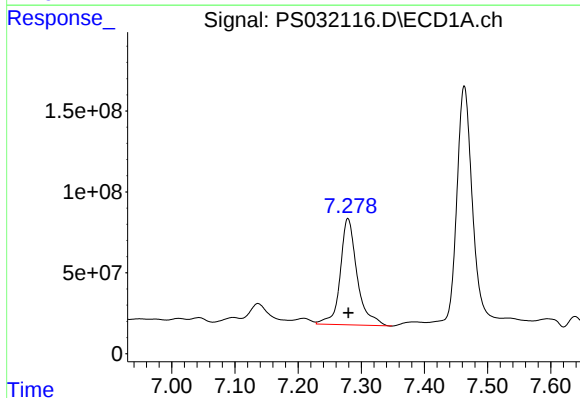
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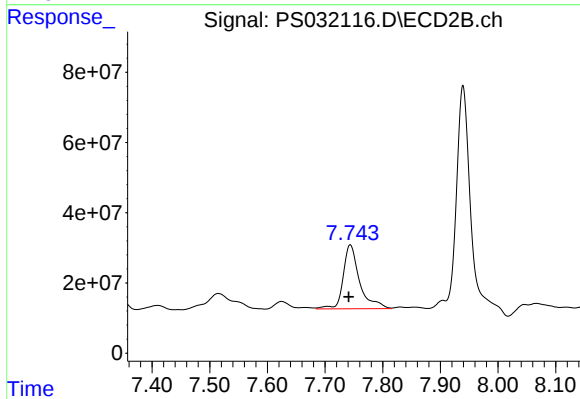
#3 4-Nitrophenol

R.T.: 7.307 min
Delta R.T.: 0.022 min
Response: 83930110
Conc: 55.31 ng/ml m



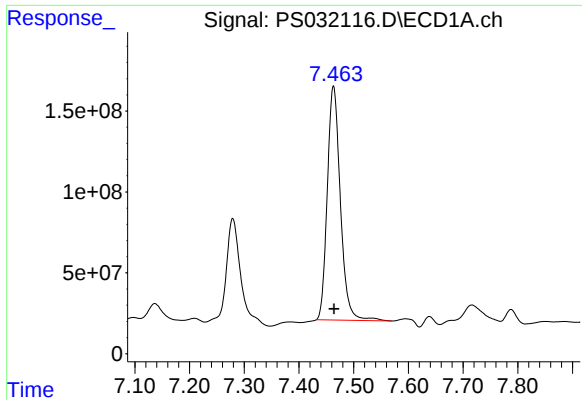
#4 2,4-DCAA

R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 1217275609
Conc: 255.35 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 357085134
Conc: 324.52 ng/ml



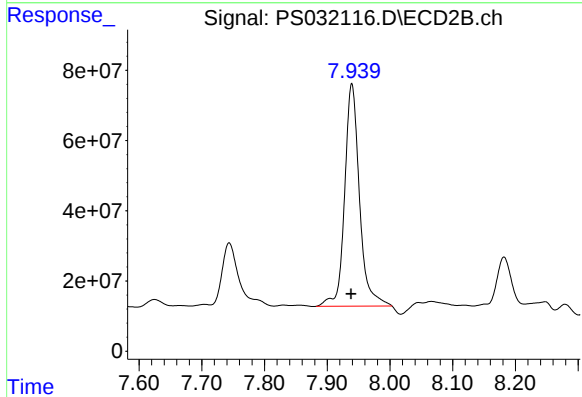
#5 DICAMBA

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 2405038360
Conc: 114.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MSD

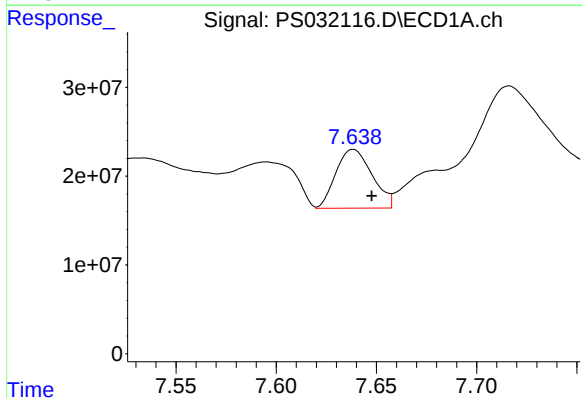
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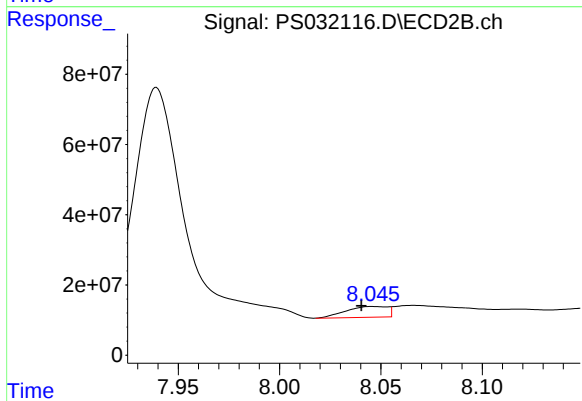
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 1042938065
Conc: 120.42 ng/ml m



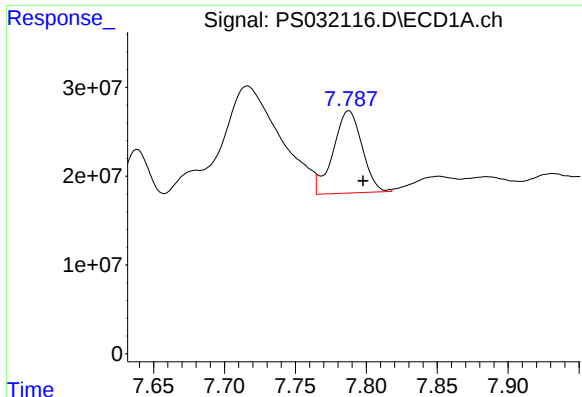
#6 MCPP

R.T.: 7.638 min
Delta R.T.: -0.010 min
Response: 84572325
Conc: 6.92 ug/ml m



#6 MCPP

R.T.: 8.045 min
Delta R.T.: 0.004 min
Response: 45730847
Conc: 18.42 ug/ml m



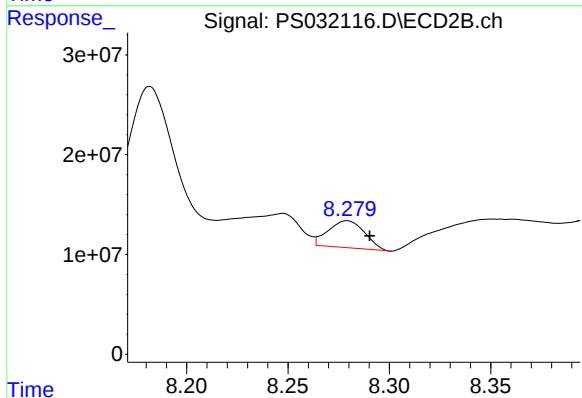
#7 MCPA

R.T.: 7.788 min
Delta R.T.: -0.010 min
Response: 131969372
Conc: 8.97 ug/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MSD

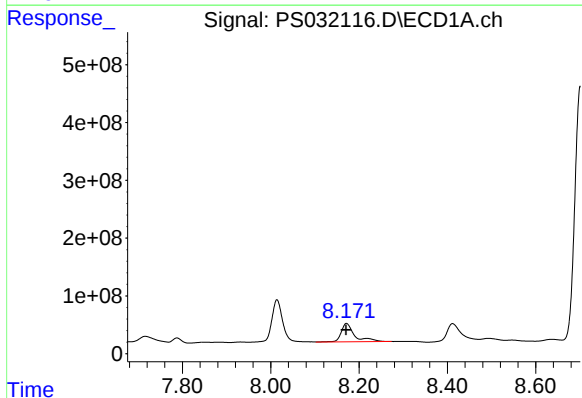
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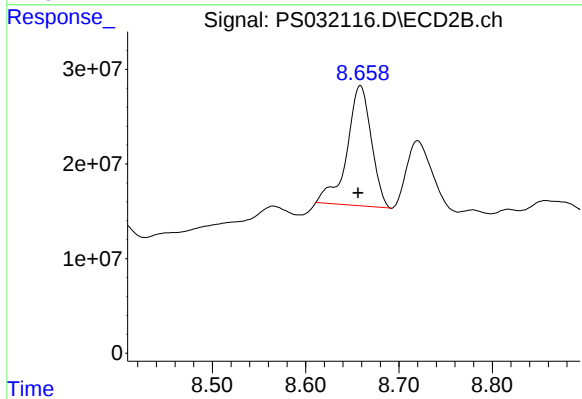
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 33579008
Conc: 8.90 ug/ml



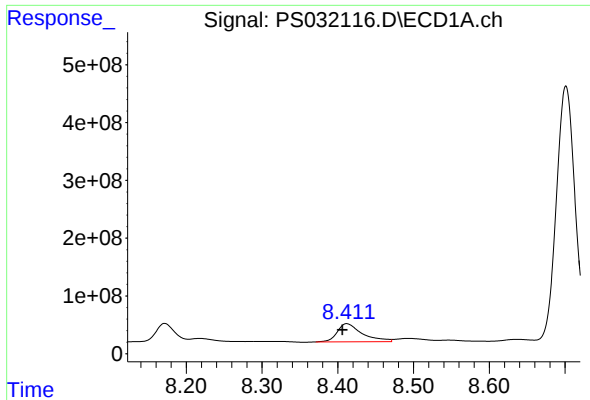
#8 DICHLORPROP

R.T.: 8.172 min
Delta R.T.: 0.001 min
Response: 678425737
Conc: 142.70 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 229244683
Conc: 117.07 ng/ml



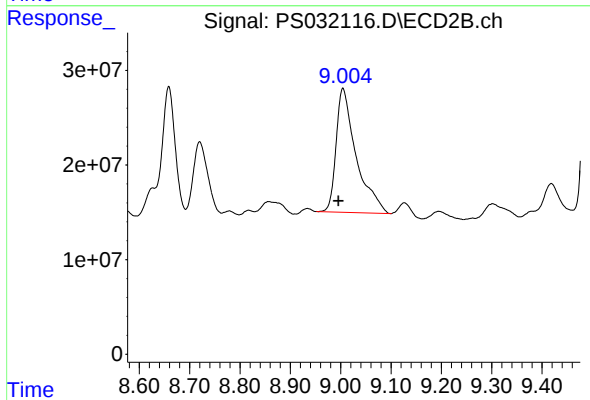
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.007 min
Response: 714336359
Conc: 147.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MSD

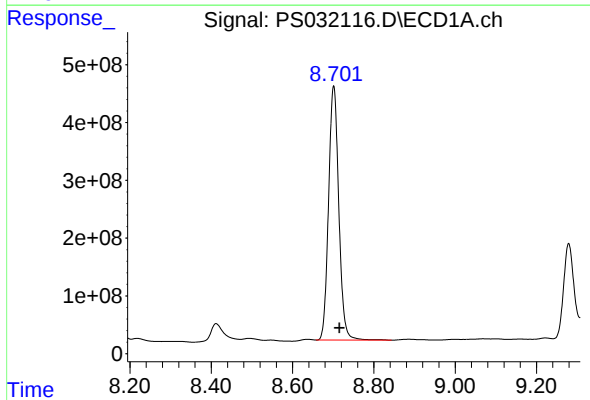
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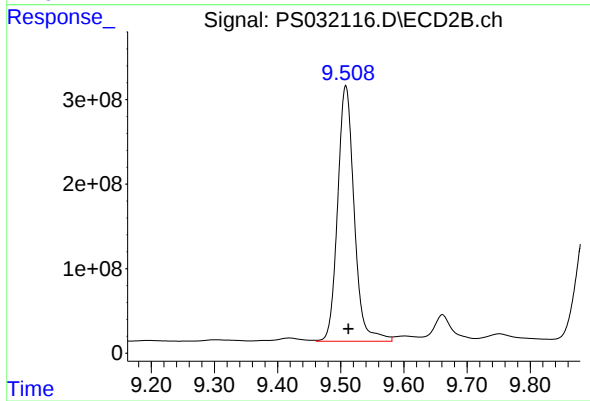
#9 2,4-D

R.T.: 9.005 min
Delta R.T.: 0.009 min
Response: 361352794
Conc: 173.87 ng/ml



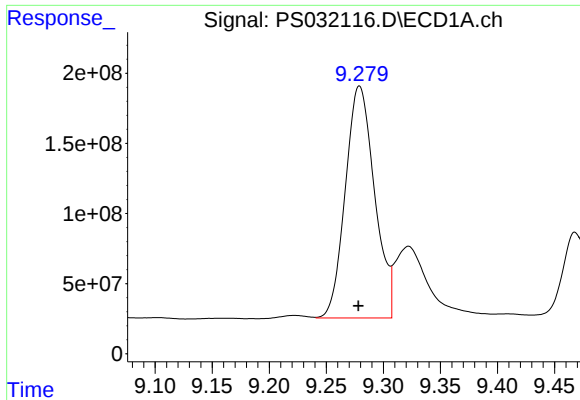
#10 Pentachlorophenol

R.T.: 8.701 min
Delta R.T.: -0.014 min
Response: 7687363927
Conc: 114.53 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 5506989083
Conc: 106.26 ng/ml



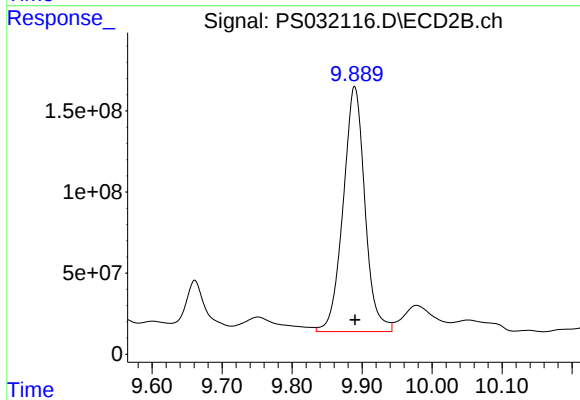
#11 2,4,5-TP (SILVEX)

R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 2950514588
Conc: 104.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
MH-19MSD

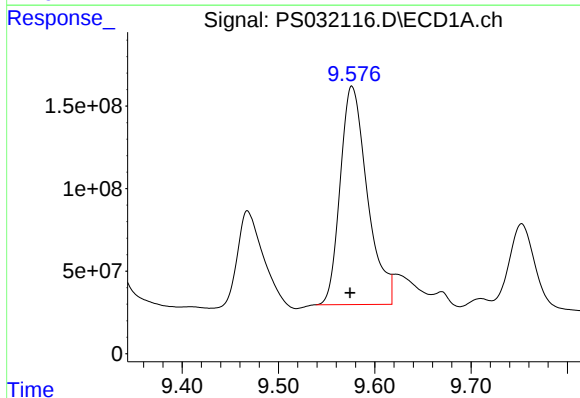
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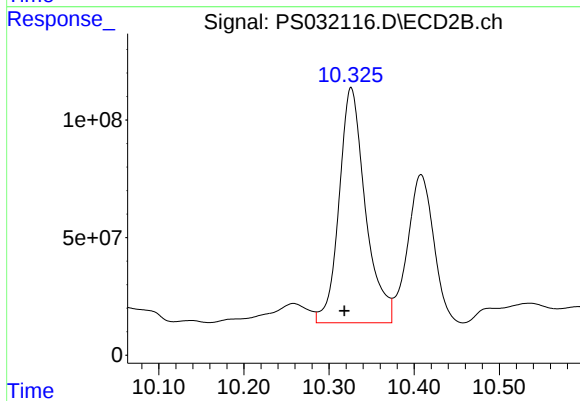
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 3263171724
Conc: 162.55 ng/ml



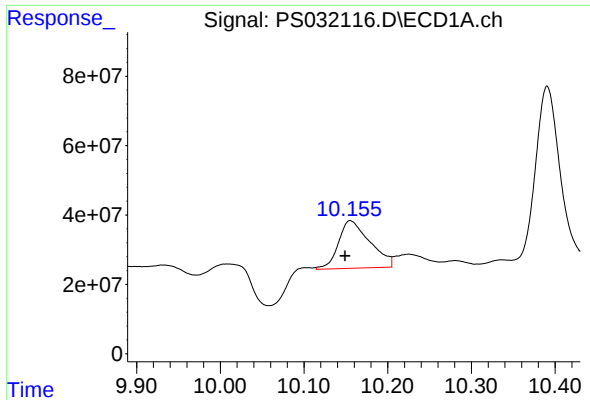
#12 2,4,5-T

R.T.: 9.576 min
Delta R.T.: 0.001 min
Response: 2590208926
Conc: 102.61 ng/ml m



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 2144306711
Conc: 125.07 ng/ml



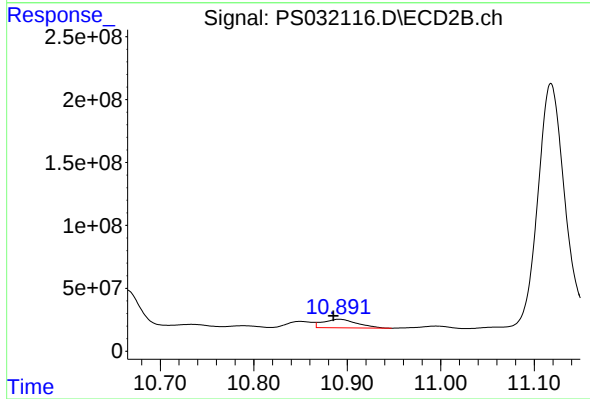
#13 2,4-DB

R.T.: 10.155 min
Delta R.T.: 0.006 min
Response: 359485640
Conc: 115.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
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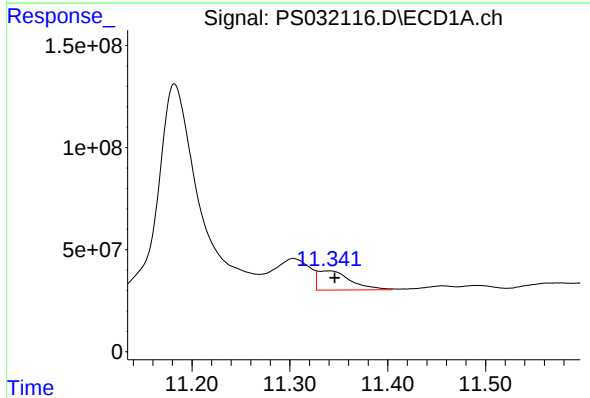
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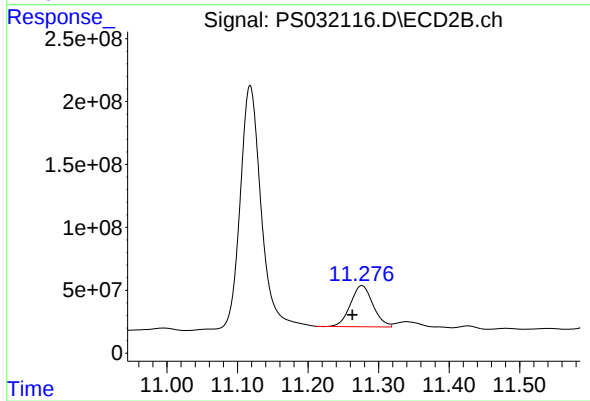
#13 2,4-DB

R.T.: 10.891 min
Delta R.T.: 0.006 min
Response: 169343758
Conc: 131.06 ng/ml



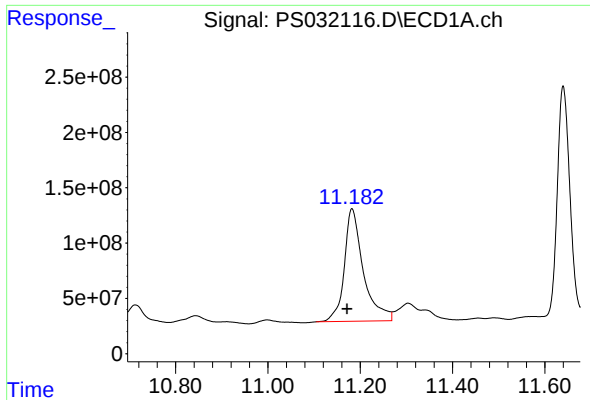
#14 DINOSEB

R.T.: 11.341 min
Delta R.T.: -0.005 min
Response: 215812878
Conc: 9.68 ng/ml m



#14 DINOSEB

R.T.: 11.276 min
Delta R.T.: 0.013 min
Response: 724069048
Conc: 47.63 ng/ml



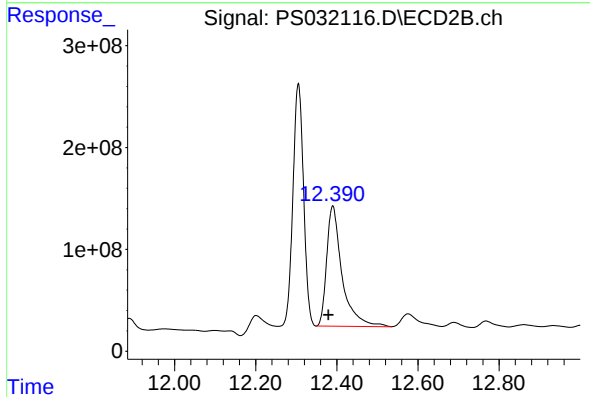
#15 Picloram

R.T.: 11.183 min
Delta R.T.: 0.011 min
Response: 2916789082
Conc: 123.71 ng/ml

Instrument :
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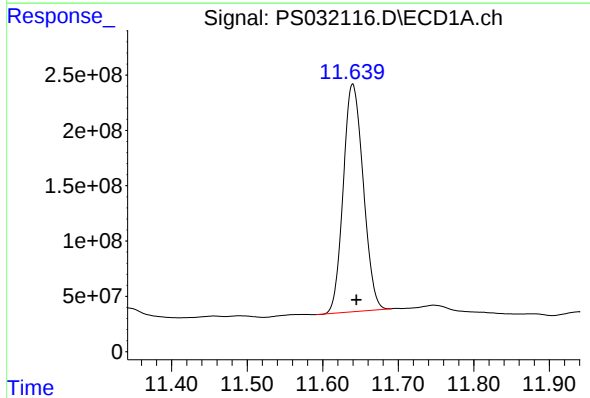
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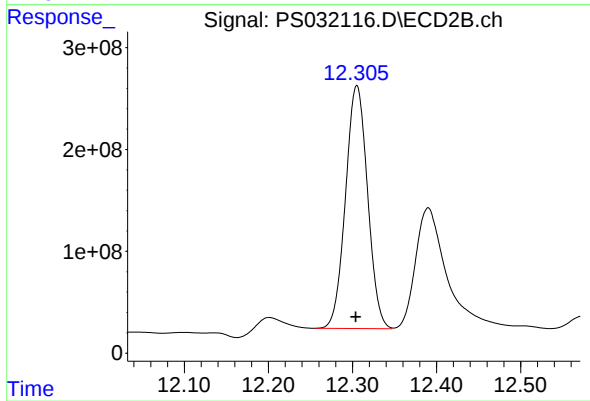
#15 Picloram

R.T.: 12.390 min
Delta R.T.: 0.011 min
Response: 3104993510
Conc: 93.27 ng/ml



#16 DCPA

R.T.: 11.640 min
Delta R.T.: -0.004 min
Response: 3772701780
Conc: 102.69 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.001 min
Response: 4351627053
Conc: 131.03 ng/ml m