

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040825\
 Data File : PS029732.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 18:38
 Operator : AR\AJ
 Sample : Q1712-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 Z-05AMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/09/2025
 Supervised By : mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:49:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS040225.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 02 23:52:55 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 x 0.5 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	6.951	7.470	752.7E6	229.7E6	369.194m	336.982
Target Compounds							
1) T	Dalapon	2.457	2.530	1573.7E6	824.4E6	463.882	519.295
2) T	3,5-DICHL...	6.157	6.465	808.7E6	222.8E6	268.868	230.706
5) T	DICAMBA	7.130	7.656	2447.5E6	1152.8E6	294.104m	312.132
6) T	MCPD	7.307	7.759	89972682	34577320	16.601	20.478
7) T	MCPA	7.450	7.989	207.7E6	55449783	28.576m	24.371
8) T	DICHLORPROP	7.812	8.350	523.1E6	319.7E6	237.841	330.889 #
9) T	2,4-D	8.032	8.664	920.7E6	339.9E6	382.087	315.169
10) T	Pentachlo...	8.311	9.165	4429.6E6	2747.2E6	145.686	153.237
11) T	2,4,5-TP ...	8.877	9.543	2495.7E6	2658.4E6	214.865	368.561 #
12) T	2,4,5-T	9.158	9.947	2903.6E6	1652.2E6	252.386	246.490
13) T	2,4-DB	9.726	10.504	280.3E6	125.7E6	154.314m	169.376
15) T	Picloram	10.700	11.918	3801.5E6	1696.0E6	245.253m	143.432m#
16) T	DCPA	11.183	11.900	4508.8E6	3715.1E6	322.835	419.754m#

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

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Acq On : 08 Apr 2025 18:38
Operator : AR\AJ
Sample : Q1712-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

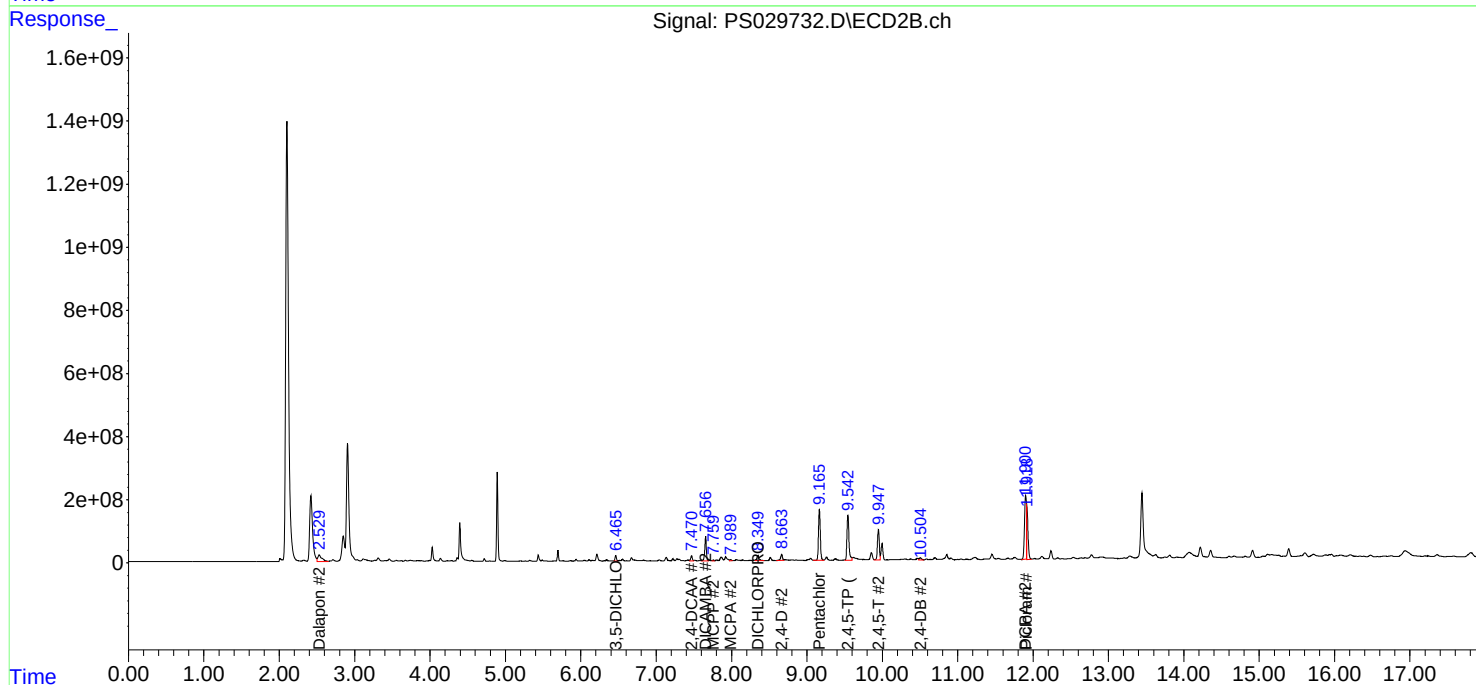
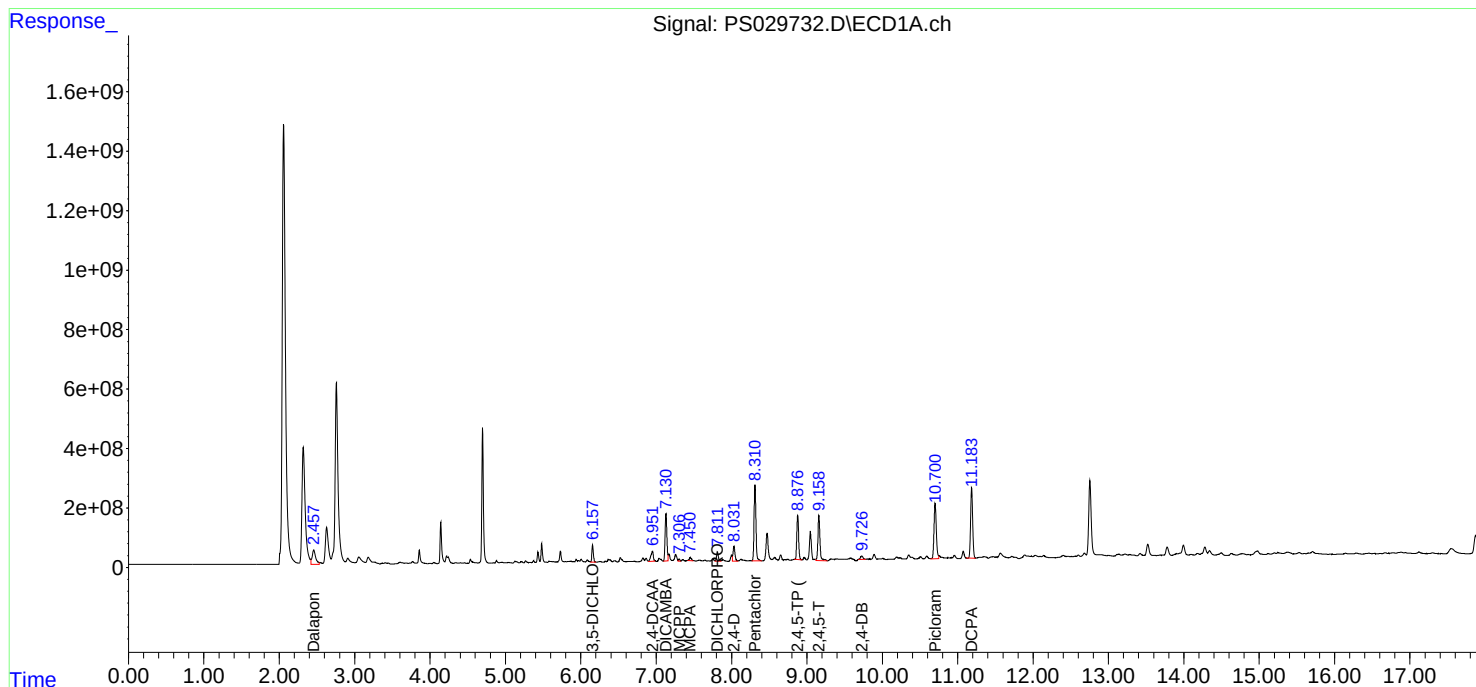
Instrument :
ECD_S
ClientSampleId :
Z-05AMSD

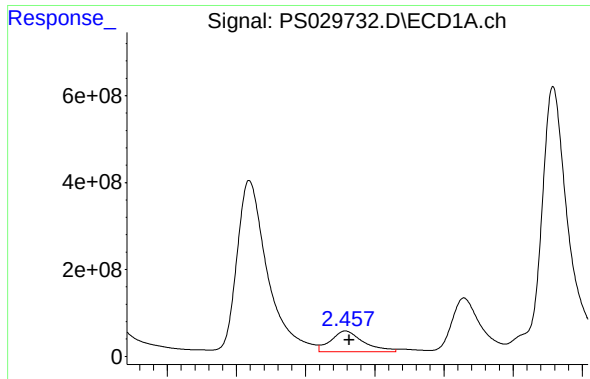
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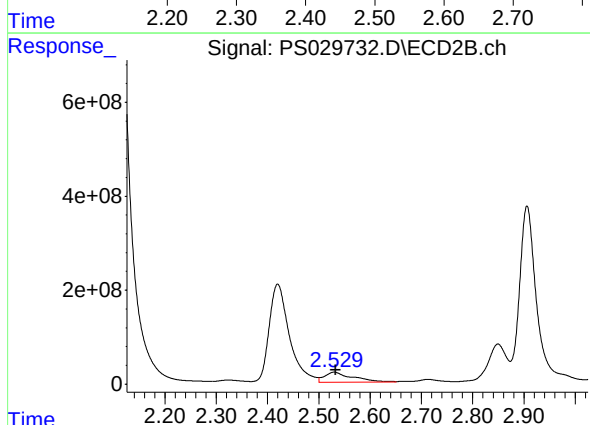
#1 Dalapon

R.T.: 2.457 min
Delta R.T.: -0.006 min
Response: 1573671047
Conc: 463.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMSD

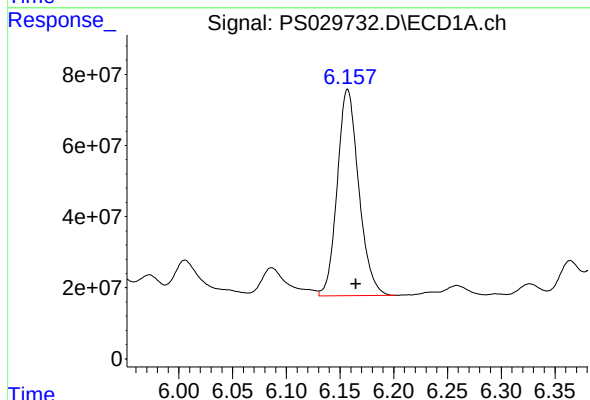
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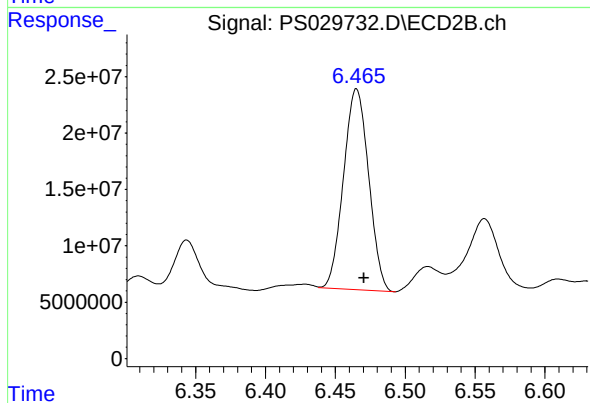
#1 Dalapon

R.T.: 2.530 min
Delta R.T.: -0.003 min
Response: 824430386
Conc: 519.29 ng/ml



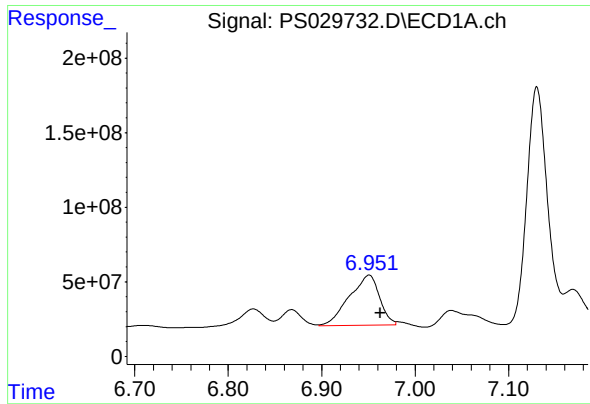
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.157 min
Delta R.T.: -0.008 min
Response: 808689075
Conc: 268.87 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.465 min
Delta R.T.: -0.005 min
Response: 222760147
Conc: 230.71 ng/ml



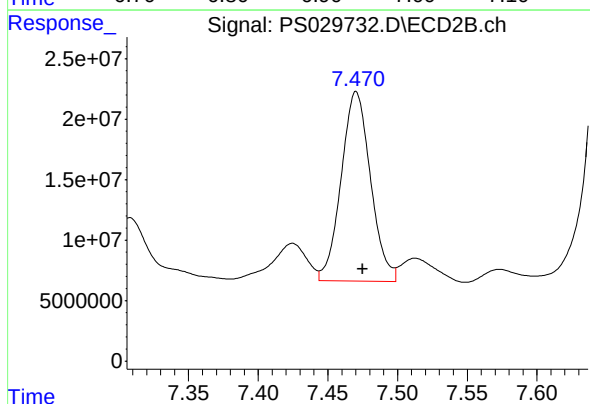
#4 2,4-DCAA

R.T.: 6.951 min
Delta R.T.: -0.012 min
Response: 752724069
Conc: 369.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMSD

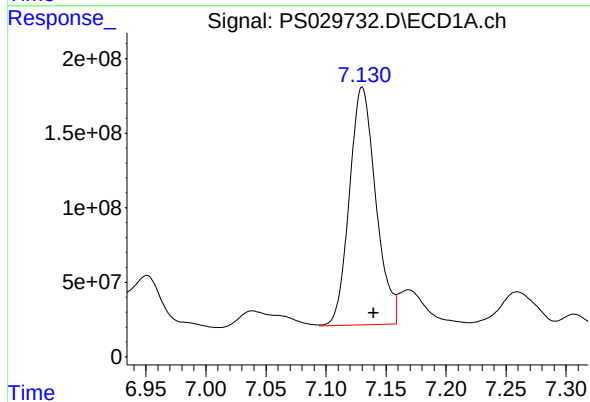
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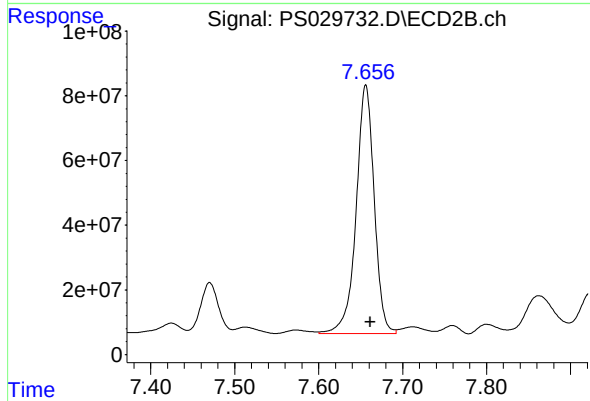
#4 2,4-DCAA

R.T.: 7.470 min
Delta R.T.: -0.005 min
Response: 229657804
Conc: 336.98 ng/ml



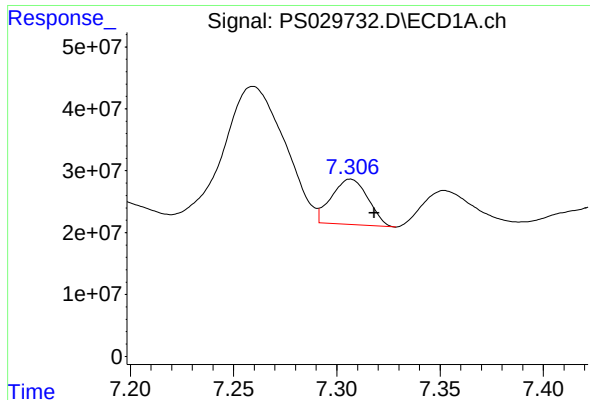
#5 DICAMBA

R.T.: 7.130 min
Delta R.T.: -0.010 min
Response: 2447517201
Conc: 294.10 ng/ml m



#5 DICAMBA

R.T.: 7.656 min
Delta R.T.: -0.006 min
Response: 1152817896
Conc: 312.13 ng/ml



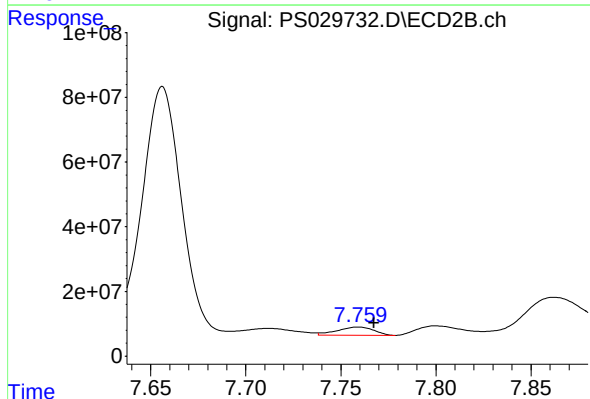
#6 MCPP

R.T.: 7.307 min
Delta R.T.: -0.012 min
Response: 89972682
Conc: 16.60 ug/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMSD

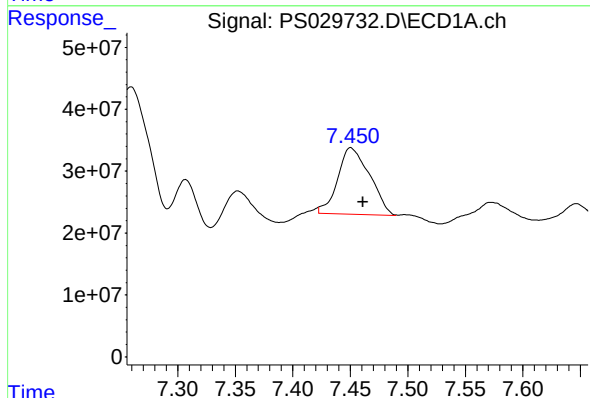
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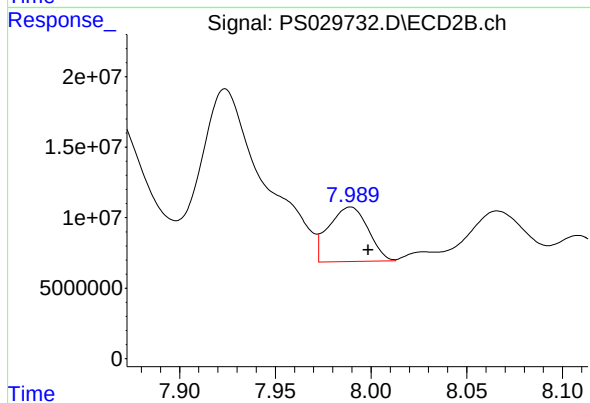
#6 MCPP

R.T.: 7.759 min
Delta R.T.: -0.008 min
Response: 34577320
Conc: 20.48 ug/ml



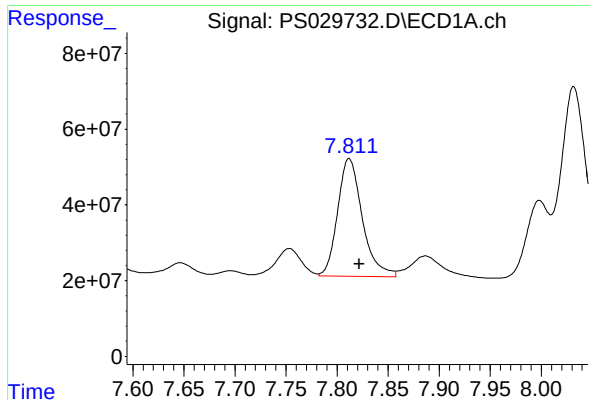
#7 MCPA

R.T.: 7.450 min
Delta R.T.: -0.011 min
Response: 207717543
Conc: 28.58 ug/ml m



#7 MCPA

R.T.: 7.989 min
Delta R.T.: -0.010 min
Response: 55449783
Conc: 24.37 ug/ml



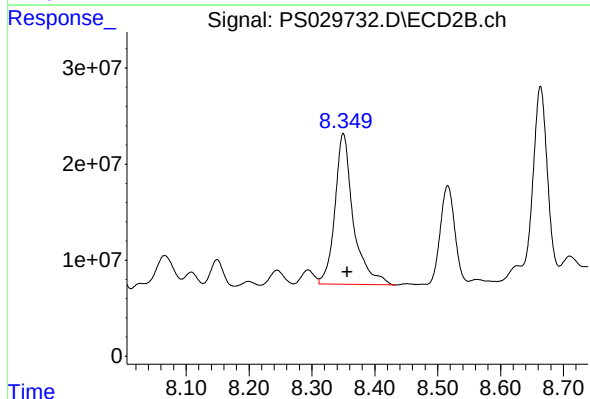
#8 DICHLORPROP

R.T.: 7.812 min
Delta R.T.: -0.010 min
Response: 523116949
Conc: 237.84 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMSD

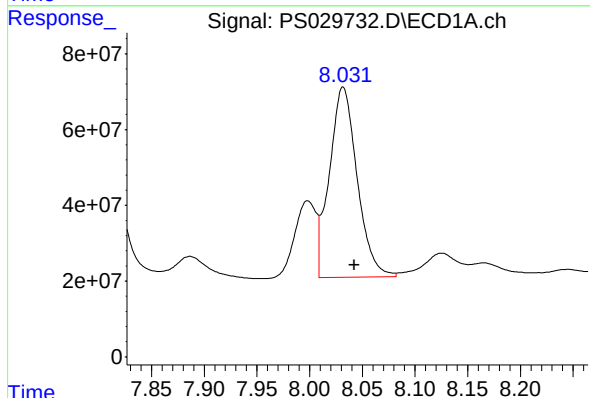
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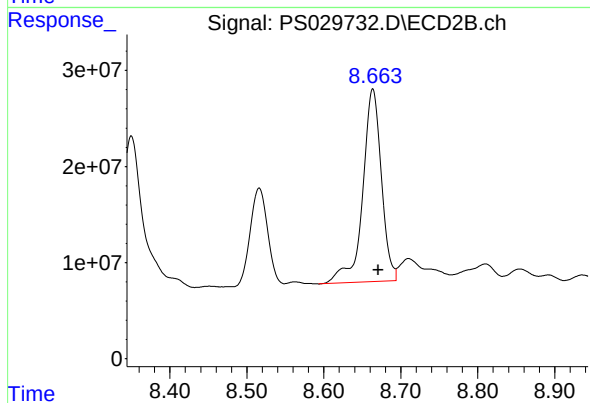
#8 DICHLORPROP

R.T.: 8.350 min
Delta R.T.: -0.006 min
Response: 319689164
Conc: 330.89 ng/ml



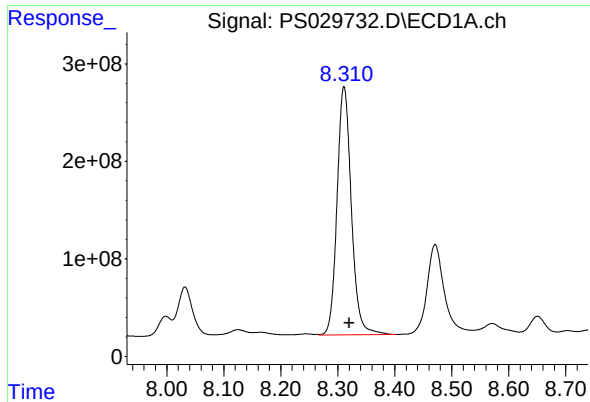
#9 2,4-D

R.T.: 8.032 min
Delta R.T.: -0.010 min
Response: 920674299
Conc: 382.09 ng/ml



#9 2,4-D

R.T.: 8.664 min
Delta R.T.: -0.007 min
Response: 339898121
Conc: 315.17 ng/ml



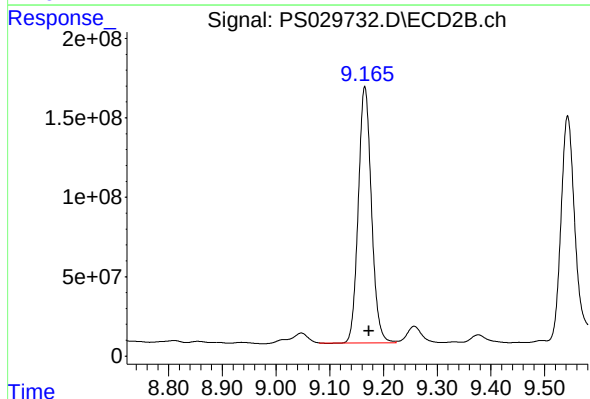
#10 Pentachlorophenol

R.T.: 8.311 min
Delta R.T.: -0.010 min
Response: 4429576669
Conc: 145.69 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMSD

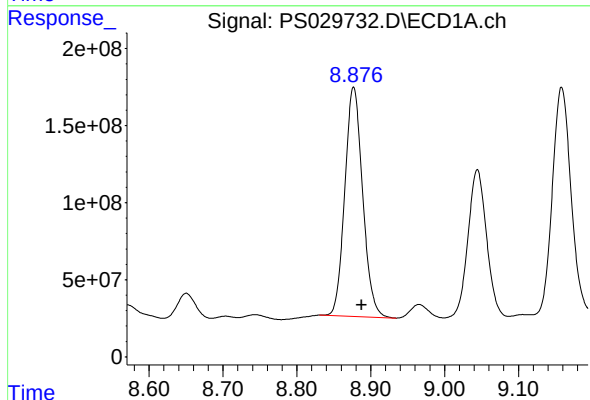
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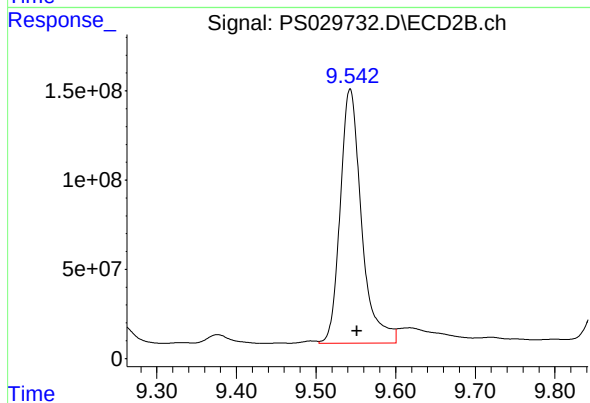
#10 Pentachlorophenol

R.T.: 9.165 min
Delta R.T.: -0.008 min
Response: 2747182918
Conc: 153.24 ng/ml



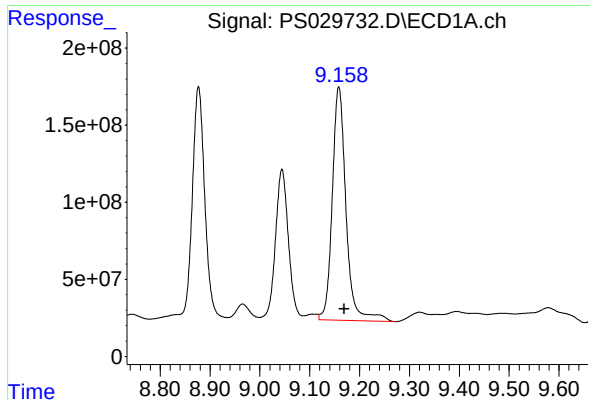
#11 2,4,5-TP (SILVEX)

R.T.: 8.877 min
Delta R.T.: -0.011 min
Response: 2495737094
Conc: 214.87 ng/ml



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

R.T.: 9.543 min
Delta R.T.: -0.009 min
Response: 2658418966
Conc: 368.56 ng/ml



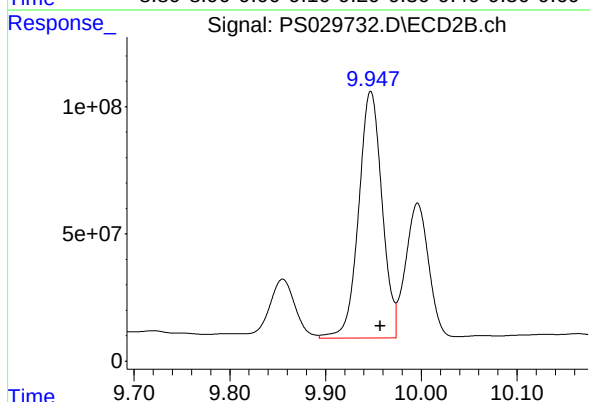
#12 2,4,5-T

R.T.: 9.158 min
Delta R.T.: -0.011 min
Response: 2903561073
Conc: 252.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
Z-05AMSD

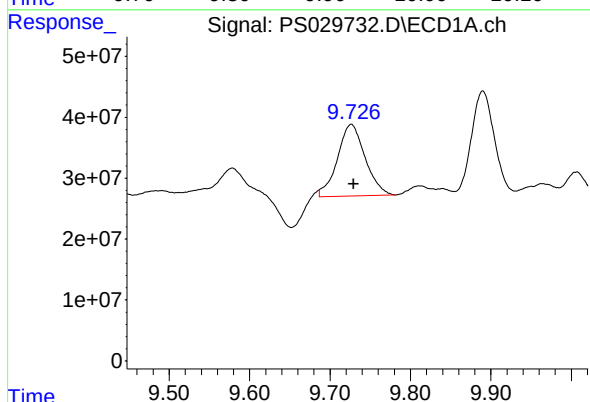
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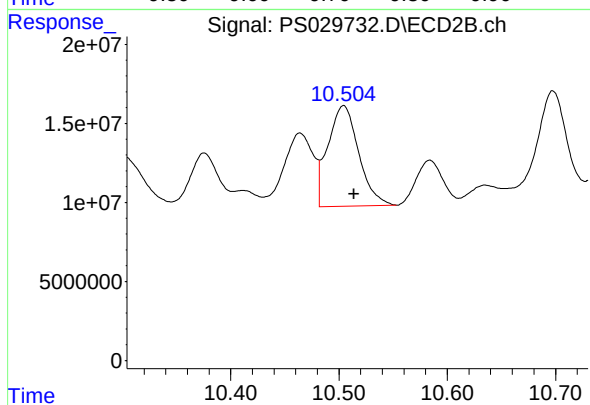
#12 2,4,5-T

R.T.: 9.947 min
Delta R.T.: -0.010 min
Response: 1652182821
Conc: 246.49 ng/ml



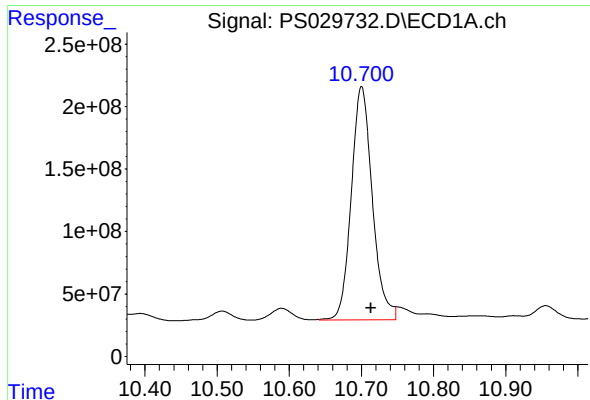
#13 2,4-DB

R.T.: 9.726 min
Delta R.T.: -0.003 min
Response: 280349818
Conc: 154.31 ng/ml m



#13 2,4-DB

R.T.: 10.504 min
Delta R.T.: -0.010 min
Response: 125672688
Conc: 169.38 ng/ml



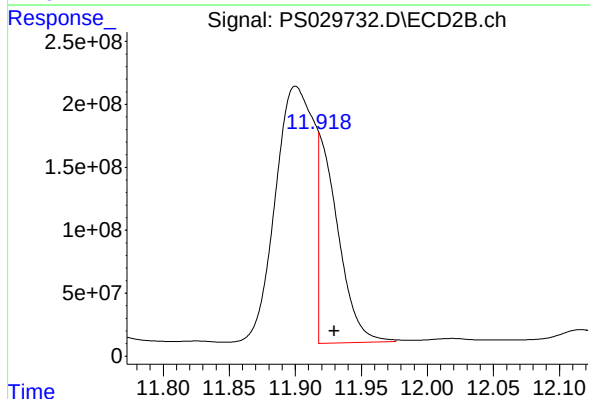
#15 Picloram

R.T.: 10.700 min
Delta R.T.: -0.013 min
Response: 3801526639
Conc: 245.25 ng/ml

Instrument :
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ClientSampleId :
Z-05AMSD

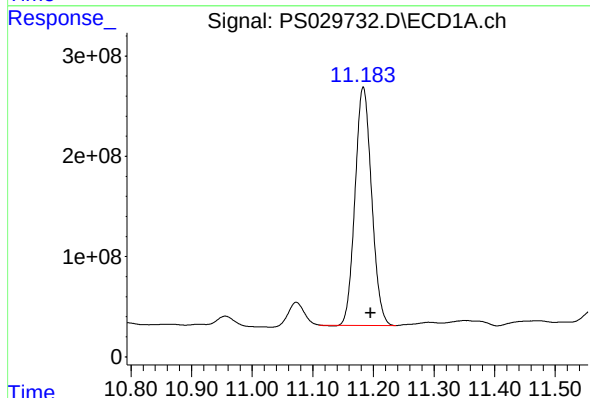
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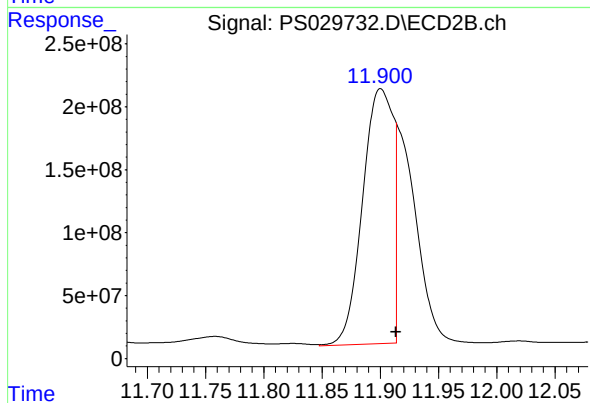
#15 Picloram

R.T.: 11.918 min
Delta R.T.: -0.012 min
Response: 1695996400
Conc: 143.43 ng/ml m



#16 DCPA

R.T.: 11.183 min
Delta R.T.: -0.012 min
Response: 4508755496
Conc: 322.84 ng/ml



#16 DCPA

R.T.: 11.900 min
Delta R.T.: -0.014 min
Response: 3715104820
Conc: 419.75 ng/ml m