

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040325\
 Data File : PS029690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 20:48
 Operator : AR\AJ
 Sample : Q1681-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-12MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/04/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:01:39 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 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	6.957	7.473	1505.8E6	406.6E6	738.574	596.598
Target Compounds							
1) T	Dalapon	2.460	2.532	1558.6E6	801.6E6	459.426	504.904
2) T	3,5-DICHL...	6.161	6.468	1091.0E6	318.7E6	362.741	330.066m
3) T	4-Nitroph...	6.749	7.007	635.9E6	340.2E6	452.680	479.812m
5) T	DICAMBA	7.135	7.660	3262.6E6	1415.9E6	392.051m	383.351
6) T	MCPD	7.312	7.764	110.5E6	31330104	20.394	18.555
7) T	MCPA	7.455	7.994	269.3E6	78060605	37.046	34.308
8) T	DICHLORPROP	7.817	8.354	637.5E6	298.9E6	289.866	309.394
9) T	2,4-D	8.037	8.668	1136.7E6	449.8E6	471.721	417.106
10) T	Pentachlo...	8.316	9.170	3843.6E6	2253.6E6	126.413	125.703
11) T	2,4,5-TP ...	8.882	9.547	2360.7E6	1504.5E6	203.237	208.585
12) T	2,4,5-T	9.164	9.952	3366.8E6	1955.8E6	292.649	291.790
13) T	2,4-DB	9.724	10.509	355.0E6	144.4E6	195.400m	194.551m
14) T	DINOSEB	10.888	10.879	144.3E6	130.0E6	17.092m	25.421m#
15) T	Picloram	10.707	11.919	5958.8E6	3264.5E6	384.430	276.082m#
16) T	DCPA	11.189	11.904	6523.1E6	4458.6E6	467.064	503.756m

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

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Acq On : 03 Apr 2025 20:48
Operator : AR\AJ
Sample : Q1681-01MS
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ALS Vial : 22 Sample Multiplier: 1

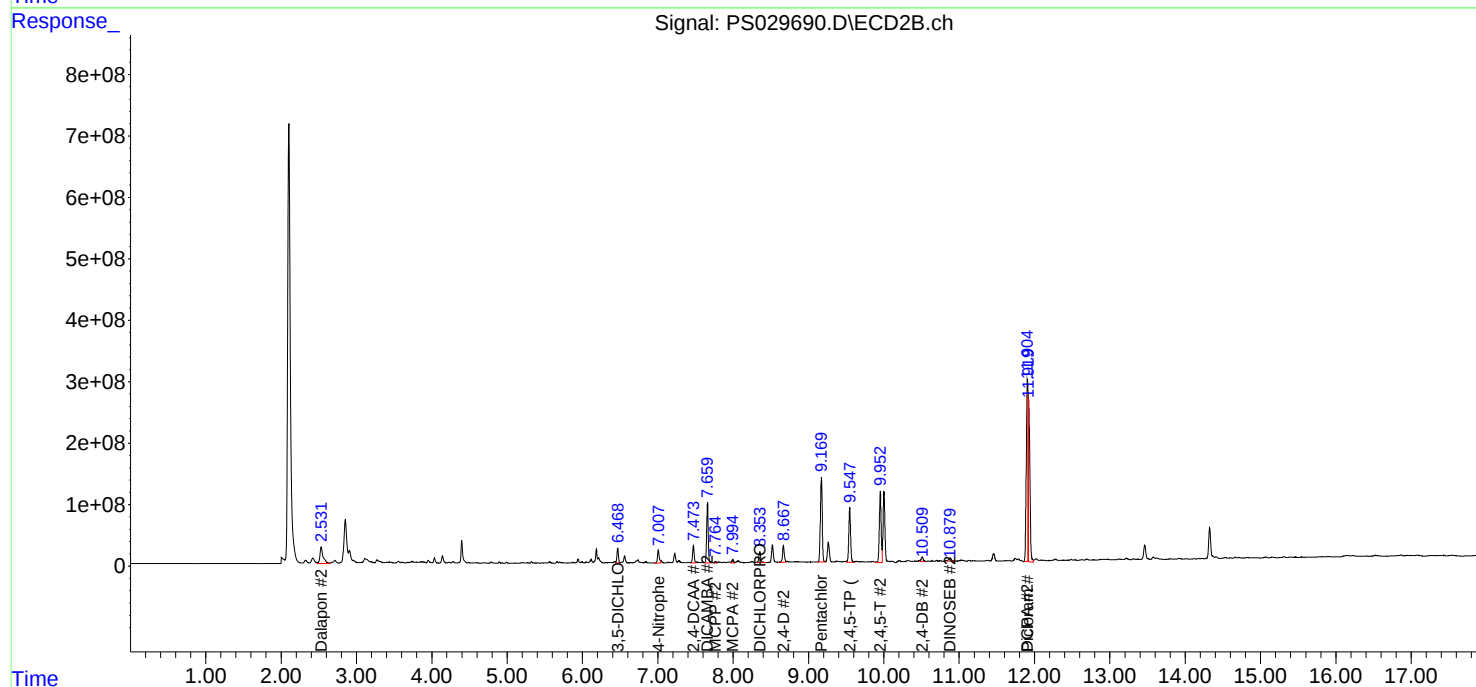
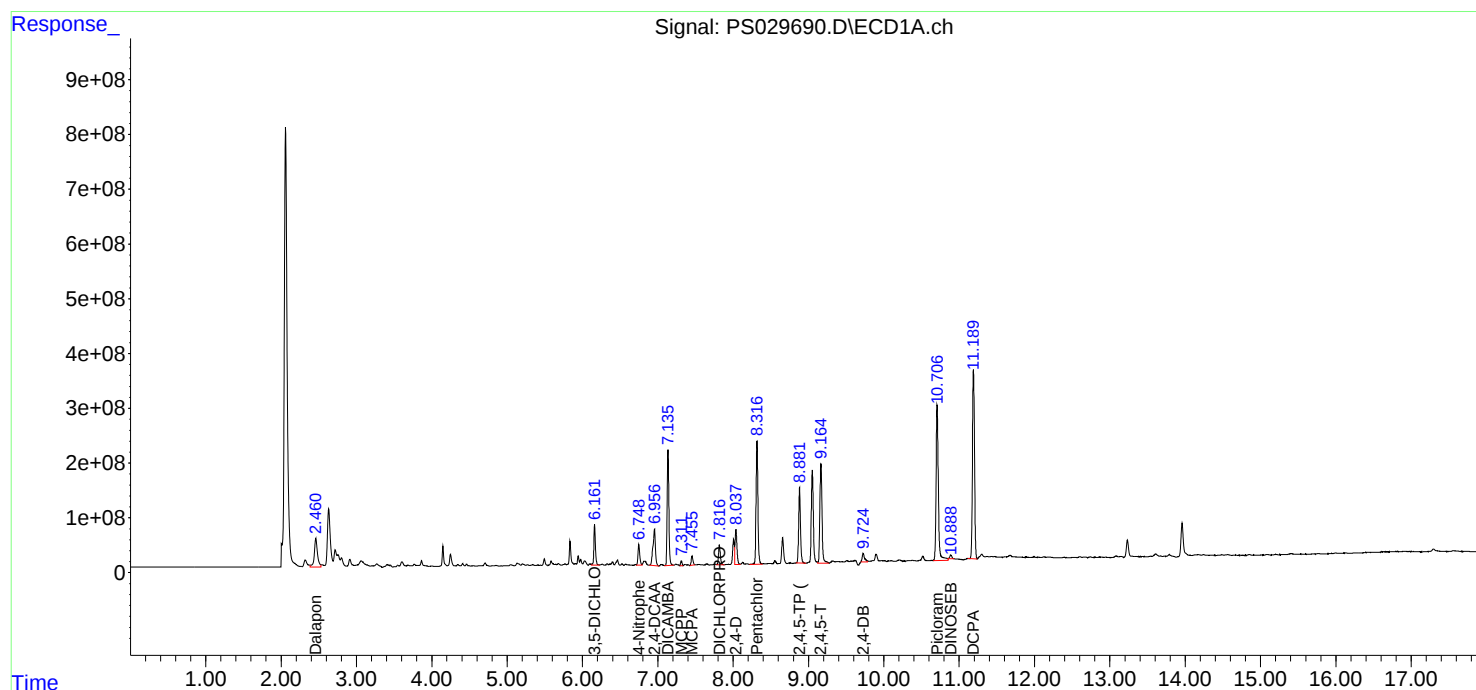
Instrument :
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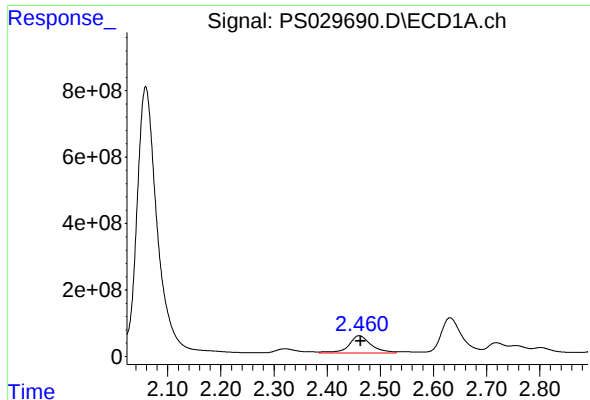
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#1 Dalapon

R.T.: 2.460 min
Delta R.T.: -0.003 min
Response: 1558555941
Conc: 459.43 ng/ml

Instrument :

ECD_S

ClientSampleId :

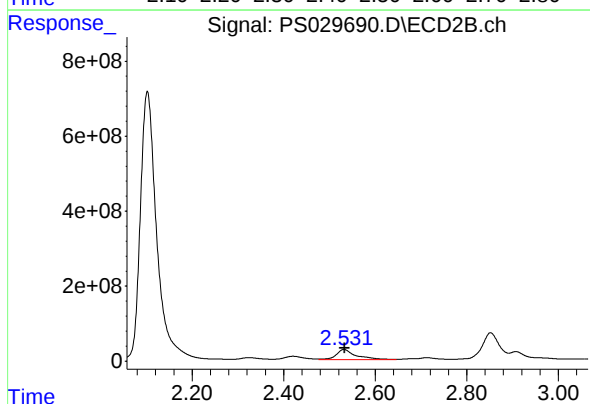
TP-12MS

Manual Integrations

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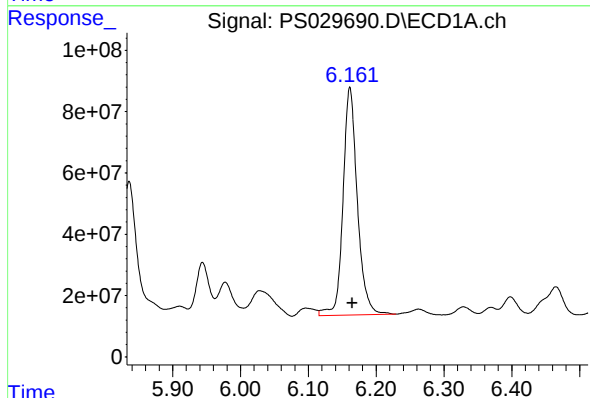
Reviewed By :Abdul Mirza 04/04/2025

Supervised By :mohammad ahmed 04/05/2025



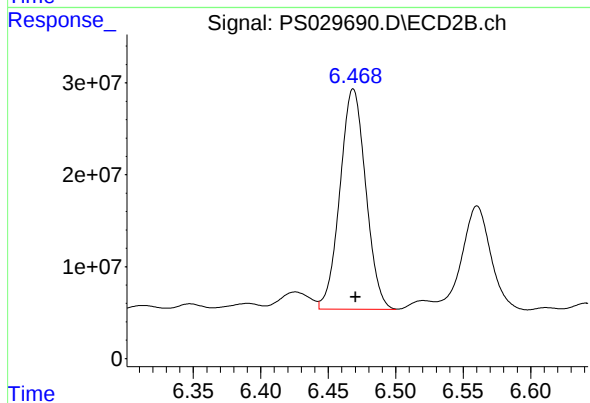
#1 Dalapon

R.T.: 2.532 min
Delta R.T.: -0.002 min
Response: 801583496
Conc: 504.90 ng/ml



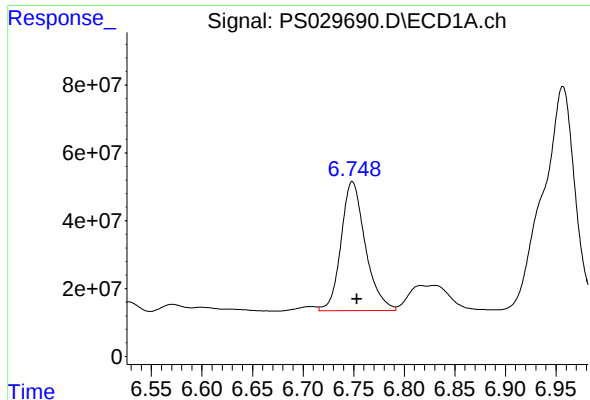
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 1091037011
Conc: 362.74 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.468 min
Delta R.T.: -0.002 min
Response: 318697531
Conc: 330.07 ng/ml m



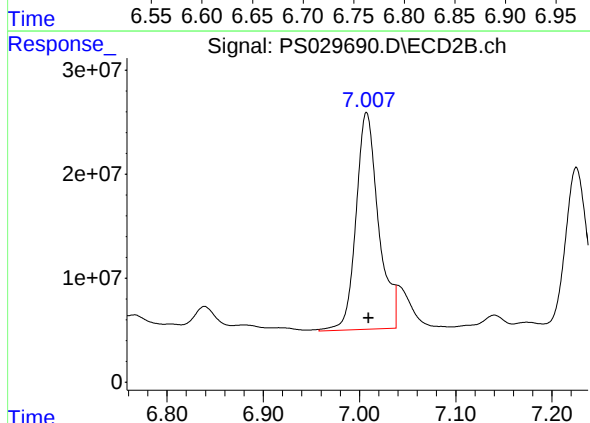
#3 4-Nitrophenol

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 635923880
Conc: 452.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MS

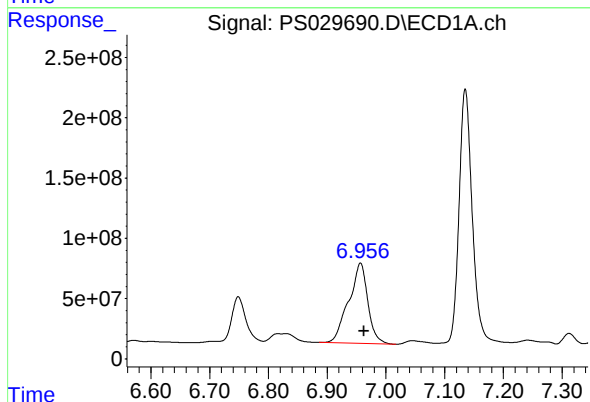
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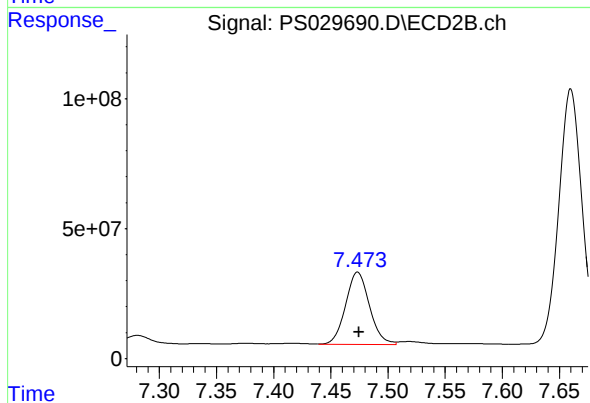
#3 4-Nitrophenol

R.T.: 7.007 min
Delta R.T.: -0.002 min
Response: 340185803
Conc: 479.81 ng/ml



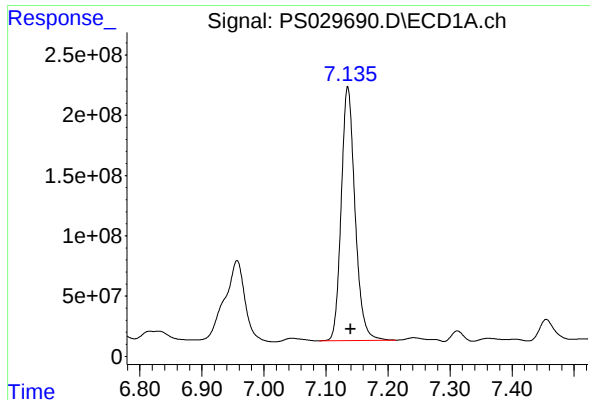
#4 2,4-DCAA

R.T.: 6.957 min
Delta R.T.: -0.006 min
Response: 1505826920
Conc: 738.57 ng/ml



#4 2,4-DCAA

R.T.: 7.473 min
Delta R.T.: -0.001 min
Response: 406589210
Conc: 596.60 ng/ml



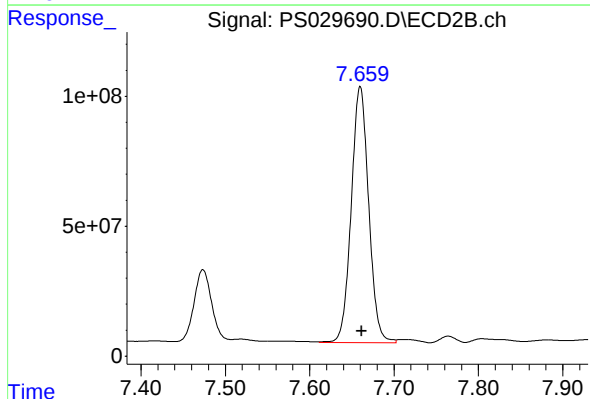
#5 DICAMBA

R.T.: 7.135 min
Delta R.T.: -0.005 min
Response: 3262622862
Conc: 392.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MS

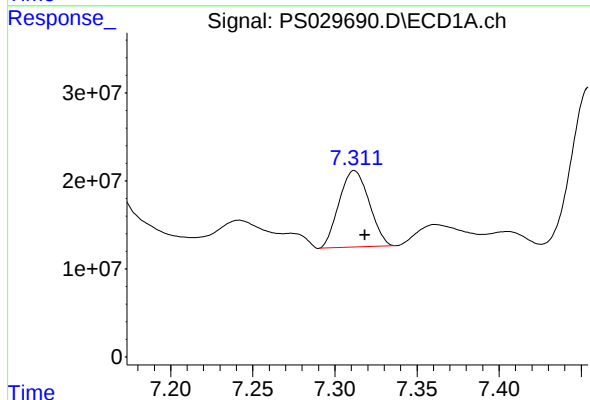
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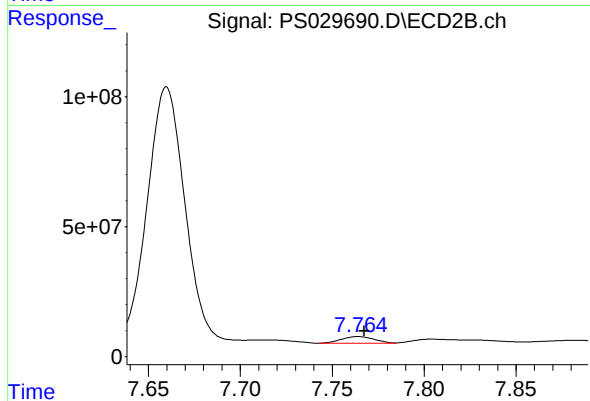
#5 DICAMBA

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 1415855900
Conc: 383.35 ng/ml



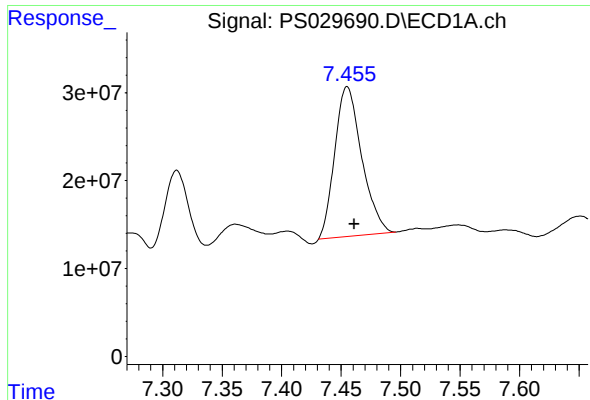
#6 MCPP

R.T.: 7.312 min
Delta R.T.: -0.006 min
Response: 110533692
Conc: 20.39 ug/ml



#6 MCPP

R.T.: 7.764 min
Delta R.T.: -0.003 min
Response: 31330104
Conc: 18.56 ug/ml



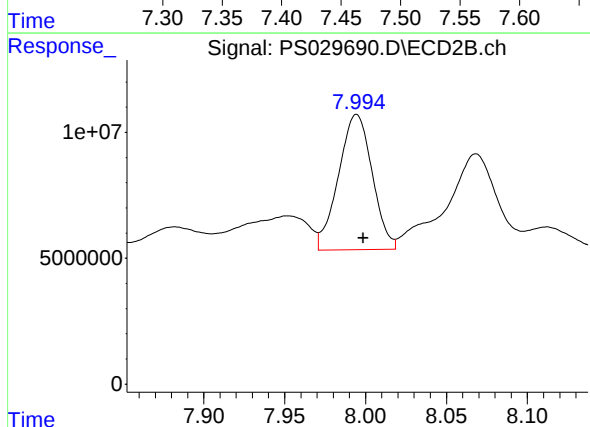
#7 MCPA

R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 269290427
Conc: 37.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MS

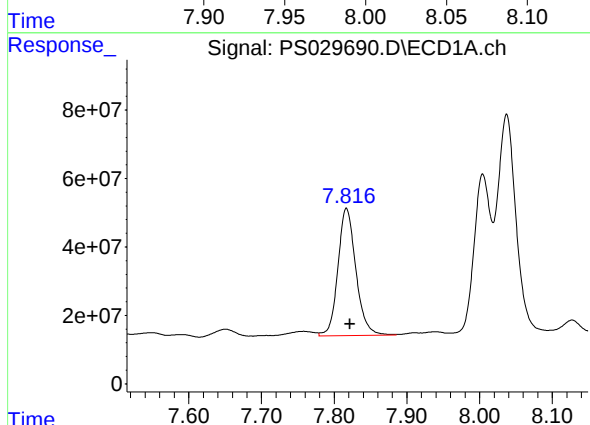
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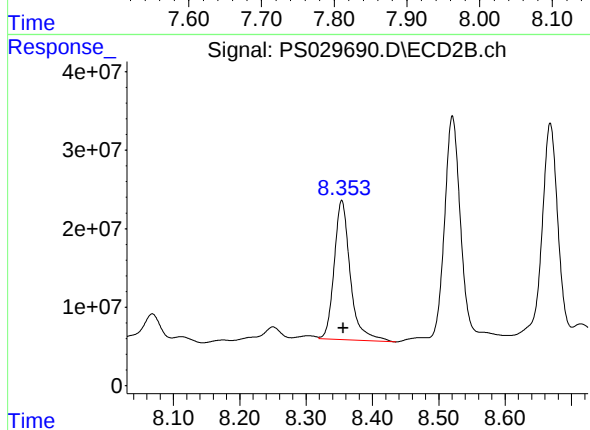
#7 MCPA

R.T.: 7.994 min
Delta R.T.: -0.004 min
Response: 78060605
Conc: 34.31 ug/ml



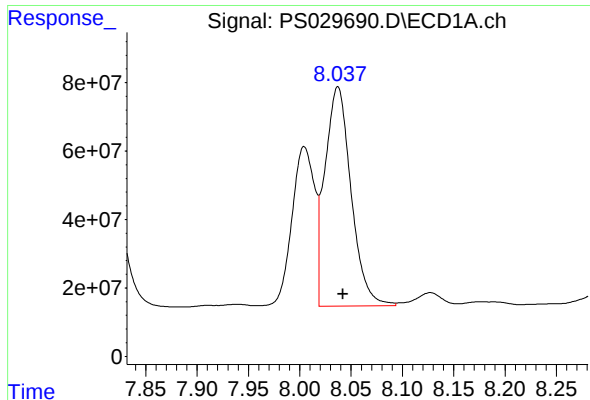
#8 DICHLORPROP

R.T.: 7.817 min
Delta R.T.: -0.005 min
Response: 637542022
Conc: 289.87 ng/ml



#8 DICHLORPROP

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 298921381
Conc: 309.39 ng/ml



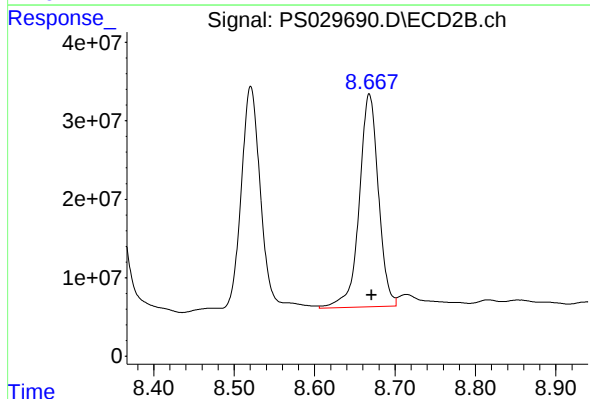
#9 2,4-D

R.T.: 8.037 min
Delta R.T.: -0.005 min
Response: 1136654435
Conc: 471.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP-12MS

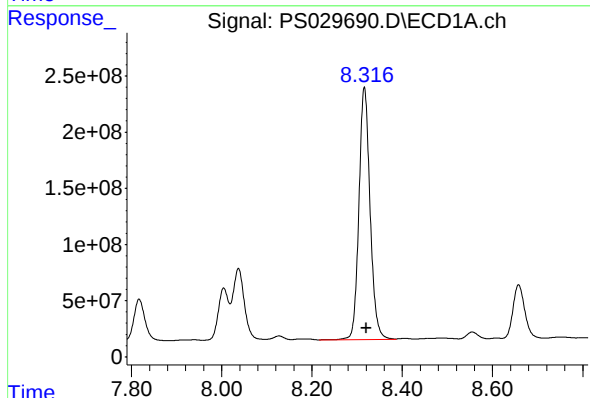
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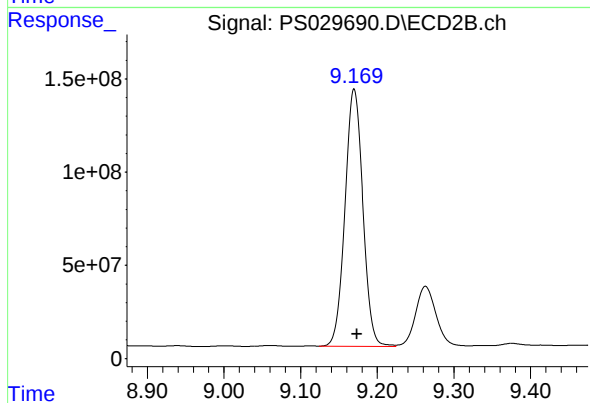
#9 2,4-D

R.T.: 8.668 min
Delta R.T.: -0.003 min
Response: 449833782
Conc: 417.11 ng/ml



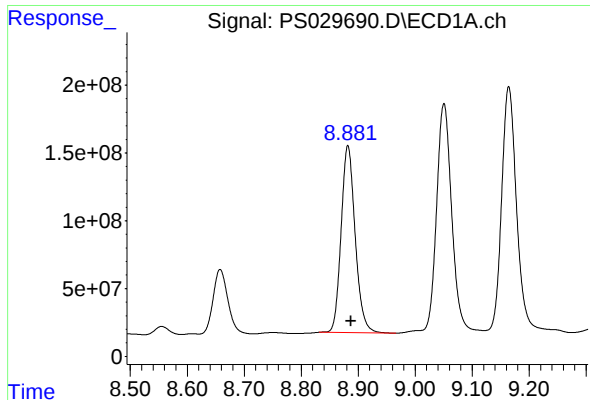
#10 Pentachlorophenol

R.T.: 8.316 min
Delta R.T.: -0.005 min
Response: 3843592781
Conc: 126.41 ng/ml



#10 Pentachlorophenol

R.T.: 9.170 min
Delta R.T.: -0.004 min
Response: 2253563215
Conc: 125.70 ng/ml



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

R.T.: 8.882 min
Delta R.T.: -0.006 min
Response: 2360668471
Conc: 203.24 ng/ml

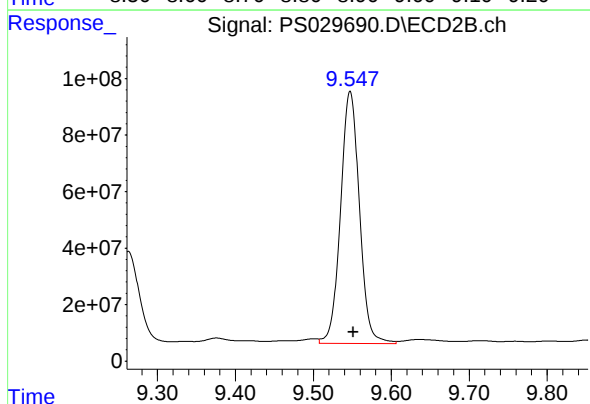
Instrument :

ECD_S

ClientSampleId :
TP-12MS

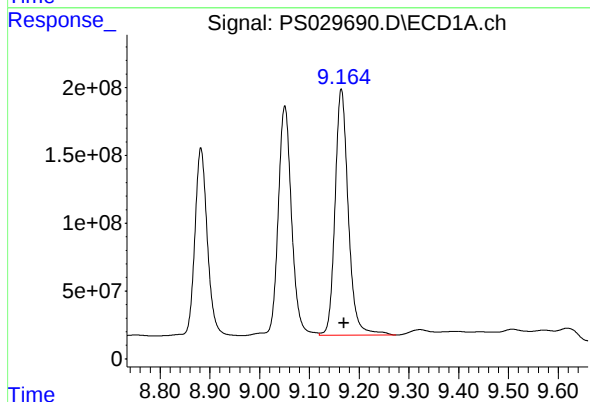
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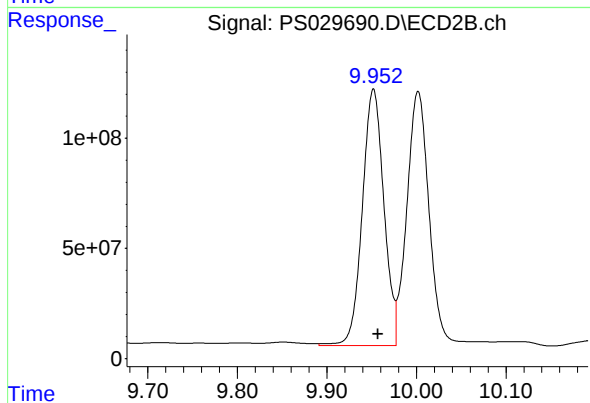
#11 2,4,5-TP (SILVEX)

R.T.: 9.547 min
Delta R.T.: -0.004 min
Response: 1504517277
Conc: 208.59 ng/ml



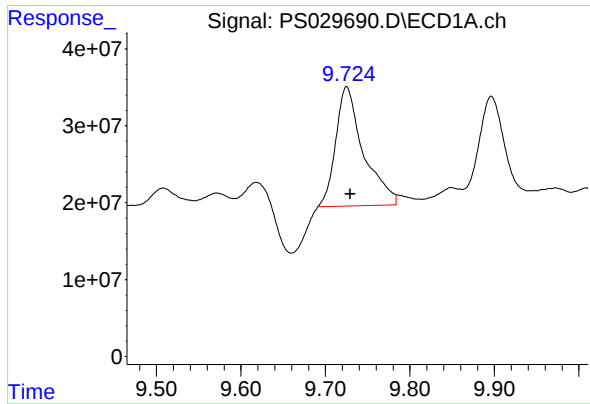
#12 2,4,5-T

R.T.: 9.164 min
Delta R.T.: -0.006 min
Response: 3366759524
Conc: 292.65 ng/ml



#12 2,4,5-T

R.T.: 9.952 min
Delta R.T.: -0.005 min
Response: 1955821307
Conc: 291.79 ng/ml



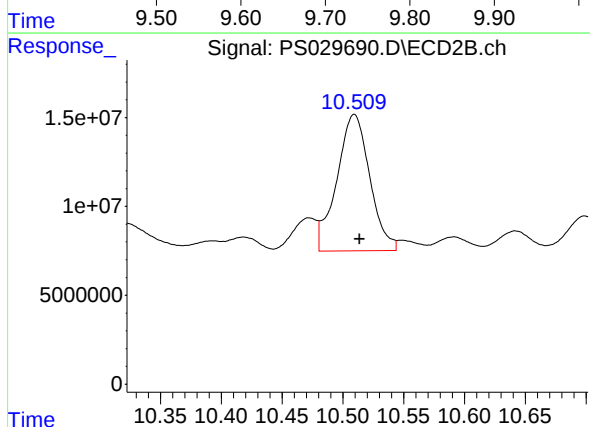
#13 2,4-DB

R.T.: 9.724 min
Delta R.T.: -0.005 min
Response: 354991827
Conc: 195.40 ng/ml

Instrument :
ECD_S
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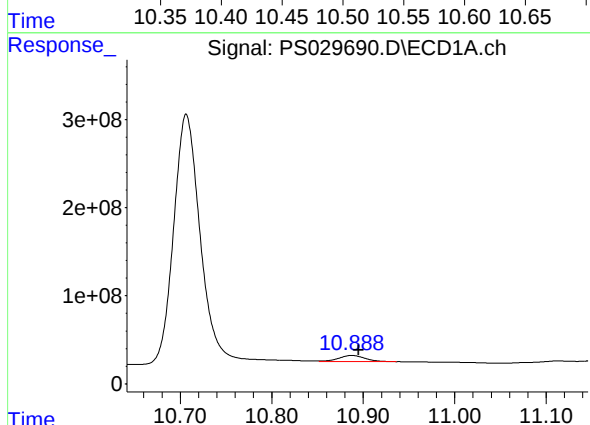
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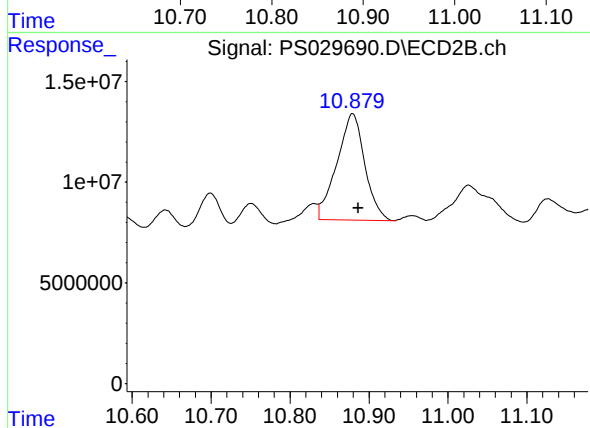
#13 2,4-DB

R.T.: 10.509 min
Delta R.T.: -0.005 min
Response: 144352315
Conc: 194.55 ng/ml



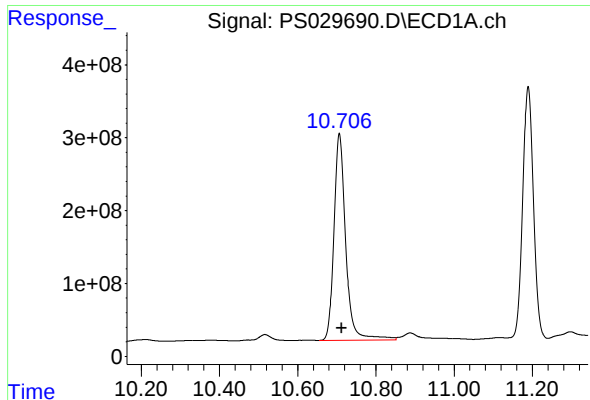
#14 DINOSEB

R.T.: 10.888 min
Delta R.T.: -0.008 min
Response: 144290075
Conc: 17.09 ng/ml



#14 DINOSEB

R.T.: 10.879 min
Delta R.T.: -0.008 min
Response: 129972247
Conc: 25.42 ng/ml



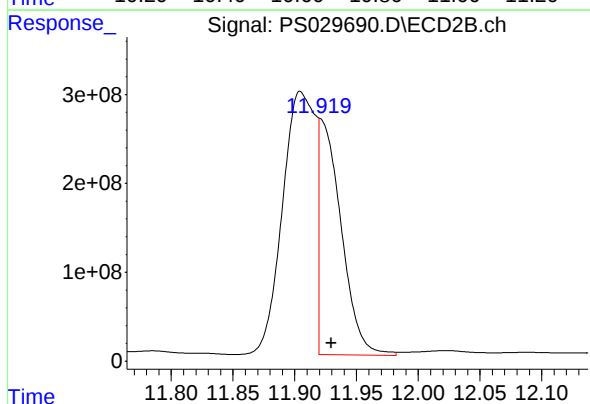
#15 Picloram

R.T.: 10.707 min
Delta R.T.: -0.007 min
Response: 5958822486
Conc: 384.43 ng/ml

Instrument :
ECD_S
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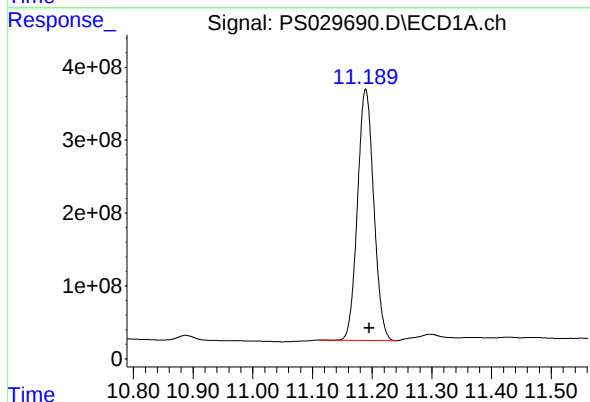
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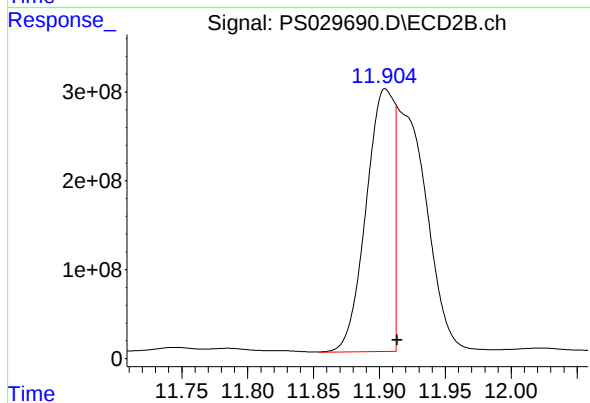
#15 Picloram

R.T.: 11.919 min
Delta R.T.: -0.010 min
Response: 3264506930
Conc: 276.08 ng/ml m



#16 DCPA

R.T.: 11.189 min
Delta R.T.: -0.006 min
Response: 6523063642
Conc: 467.06 ng/ml



#16 DCPA

R.T.: 11.904 min
Delta R.T.: -0.010 min
Response: 4458576268
Conc: 503.76 ng/ml m