

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110223\
 Data File : PS024740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 14:44
 Operator : AR\AJ
 Sample : 05172-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 AU-05-103123MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/03/2023
 Supervised By : mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 23:11:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100323.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 03 14:54:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	6.356	6.776	385.6E6	101.2E6	187.408	146.364
Target Compounds							
1) T	Dalapon	2.477	2.538	596.2E6	242.2E6	241.315	216.381
2) T	3,5-DICHL...	5.732	5.964	309.2E6	103.5E6	98.584	95.262
3) T	4-Nitroph...	6.195	6.392	211.8E6	70963892	156.437	155.576
5) T	DICAMBA	6.498	6.937	1428.9E6	412.9E6	159.289	139.428
6) T	MCP	6.646	7.030	25831620	8509582	4.077m	4.318m
7) T	MCPA	6.767	7.236	96884758	41031049	10.871m	12.805
8) T	DICHLORPROP	7.085	7.555	200.5E6	85948143	85.277	114.287 #
9) T	2,4-D	7.282	7.835	429.6E6	130.6E6	155.475m	141.855m
10) T	Pentachlo...	7.511	8.258	1131.4E6	315.3E6	34.798	28.935
11) T	2,4,5-TP ...	8.033	8.616	632.3E6	178.7E6	45.633	42.145m
12) T	2,4,5-T	8.289	8.986	1104.5E6	286.3E6	84.536	69.442m
13) T	2,4-DB	8.797	9.489	130.9E6	26019152	64.096m	51.060m
15) T	Picloram	9.672	10.768	4069.3E6	1399.7E6	233.380	225.228m
16) T	DCPA	10.111	10.737	5778.2E6	1608.0E6	339.437	308.204m

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

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ALS Vial : 7 Sample Multiplier: 1

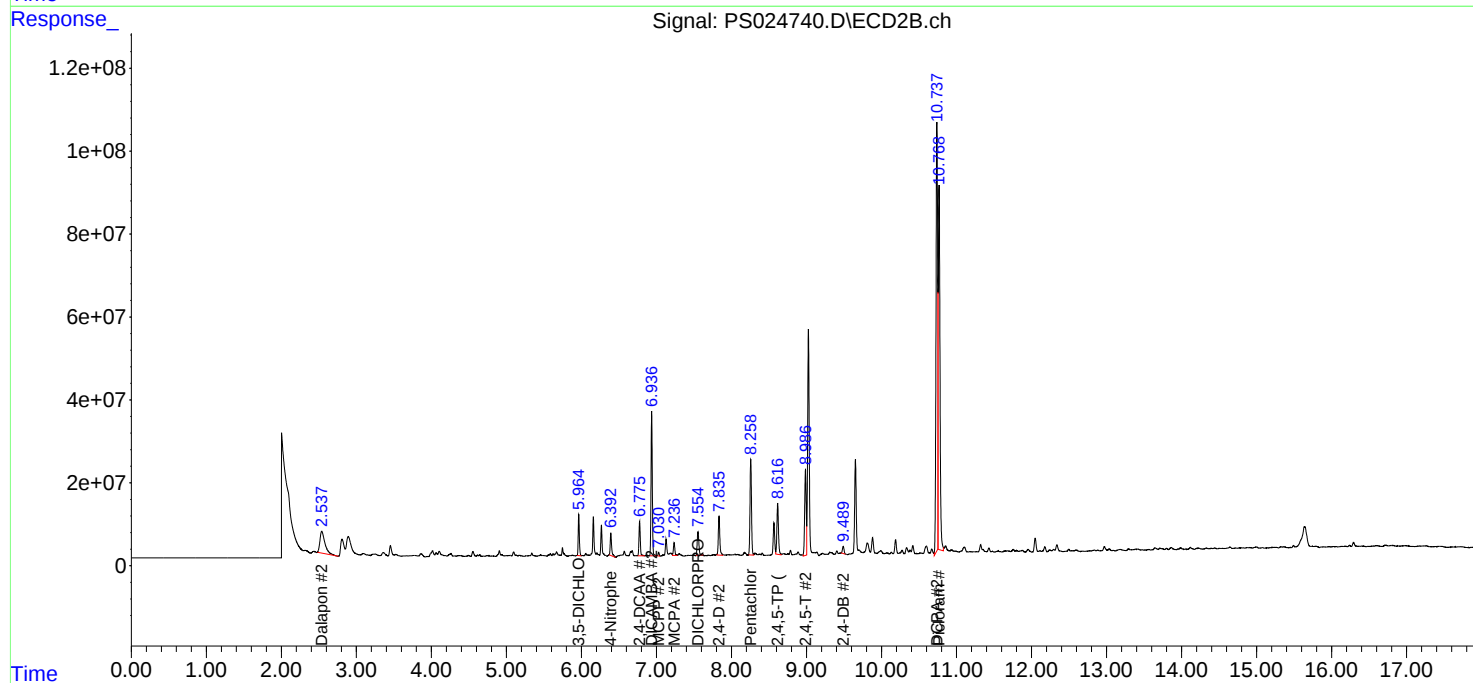
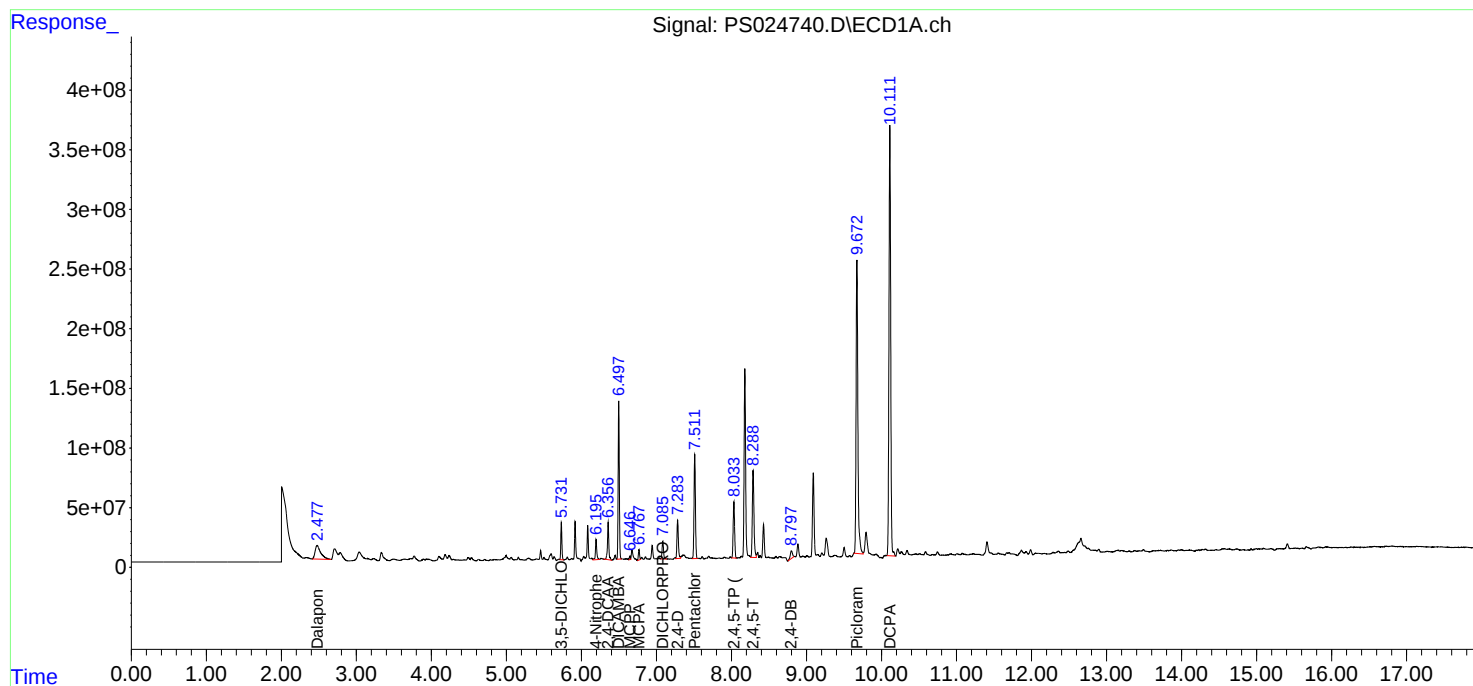
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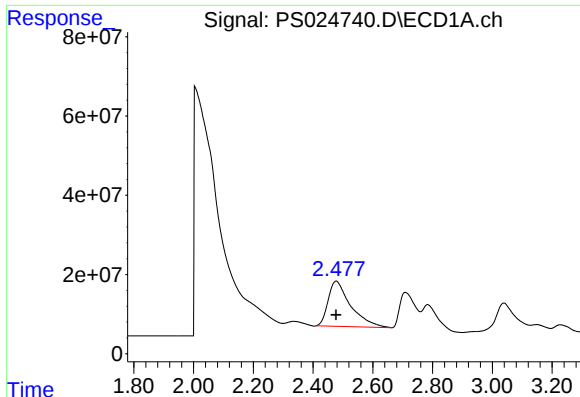
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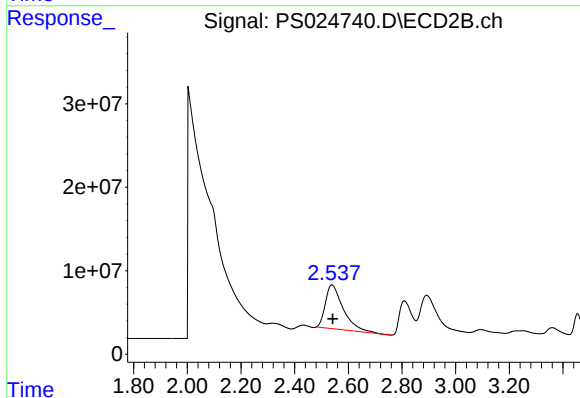
#1 Dalapon

R.T.: 2.477 min
Delta R.T.: 0.000 min
Response: 596182055
Conc: 241.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-05-103123MS

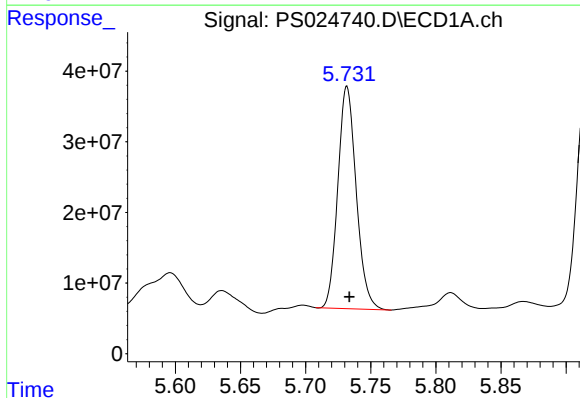
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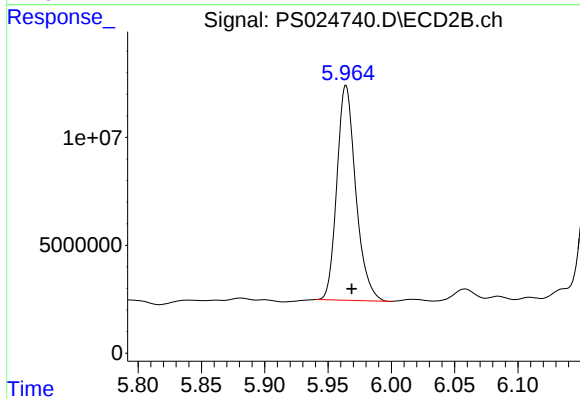
#1 Dalapon

R.T.: 2.538 min
Delta R.T.: -0.004 min
Response: 242159286
Conc: 216.38 ng/ml



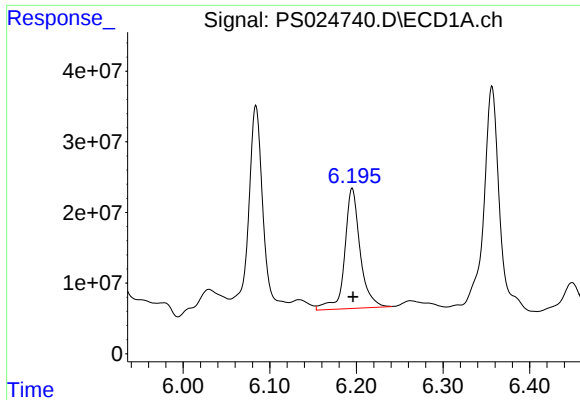
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 309235511
Conc: 98.58 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 103521264
Conc: 95.26 ng/ml



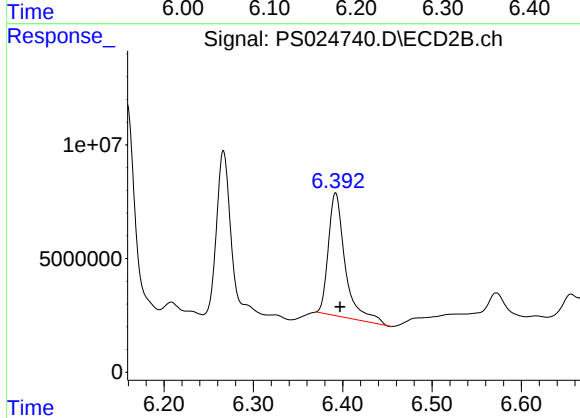
#3 4-Nitrophenol

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 211764338
Conc: 156.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-05-103123MS

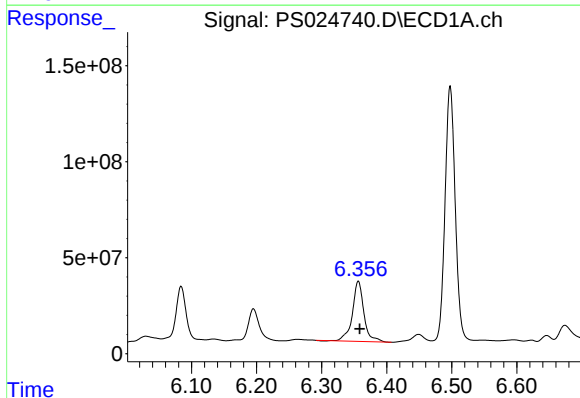
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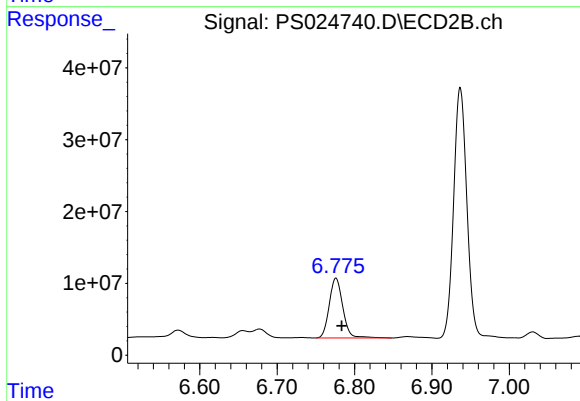
#3 4-Nitrophenol

R.T.: 6.392 min
Delta R.T.: -0.005 min
Response: 70963892
Conc: 155.58 ng/ml



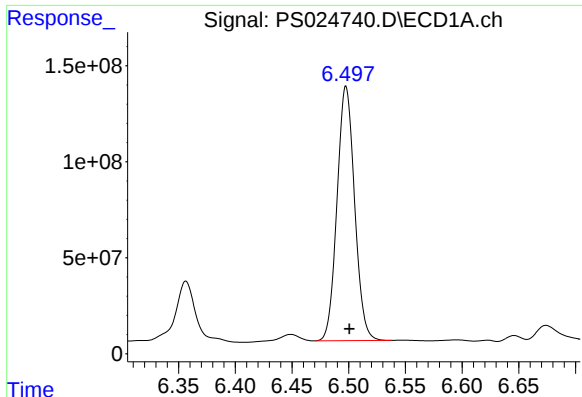
#4 2,4-DCAA

R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 385559145
Conc: 187.41 ng/ml



#4 2,4-DCAA

R.T.: 6.776 min
Delta R.T.: -0.008 min
Response: 101180174
Conc: 146.36 ng/ml



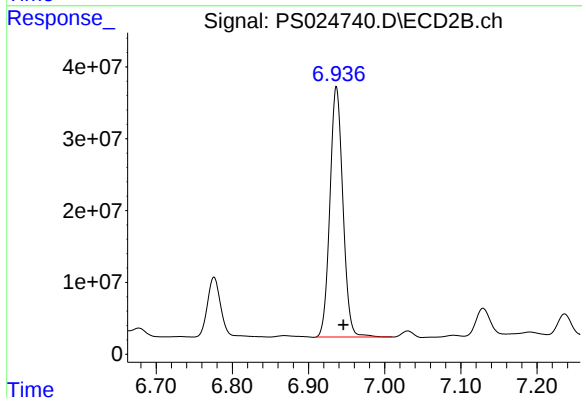
#5 DICAMBA

R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 1428927160
Conc: 159.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
AU-05-103123MS

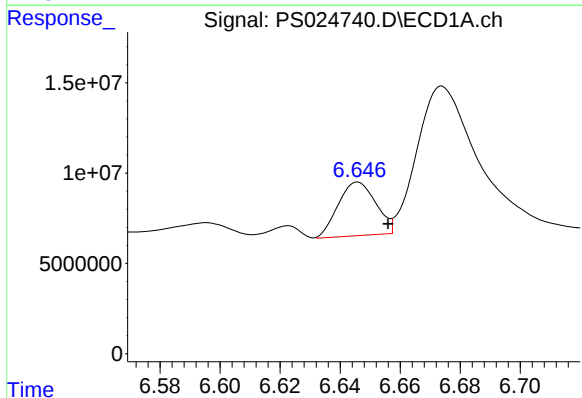
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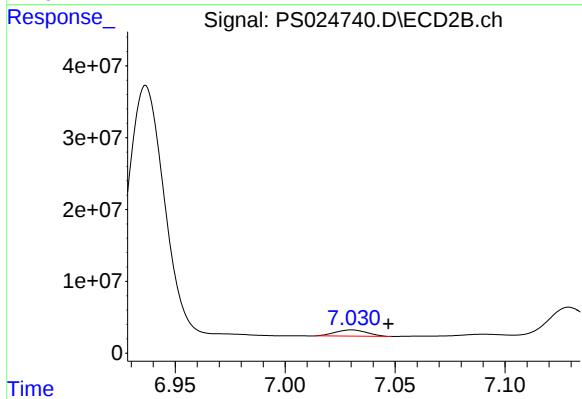
#5 DICAMBA

R.T.: 6.937 min
Delta R.T.: -0.009 min
Response: 412888133
Conc: 139.43 ng/ml



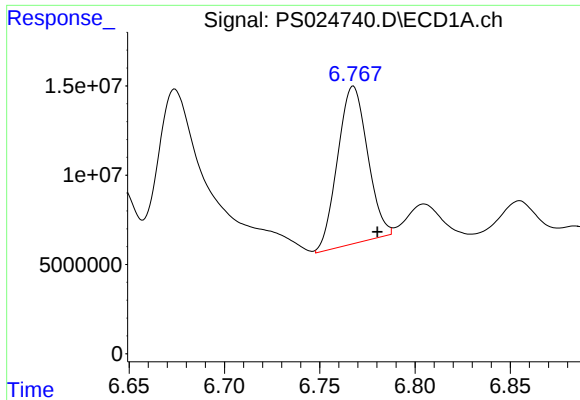
#6 MCP

R.T.: 6.646 min
Delta R.T.: -0.010 min
Response: 25831620
Conc: 4.08 ug/ml m



#6 MCP

R.T.: 7.030 min
Delta R.T.: -0.017 min
Response: 8509582
Conc: 4.32 ug/ml m



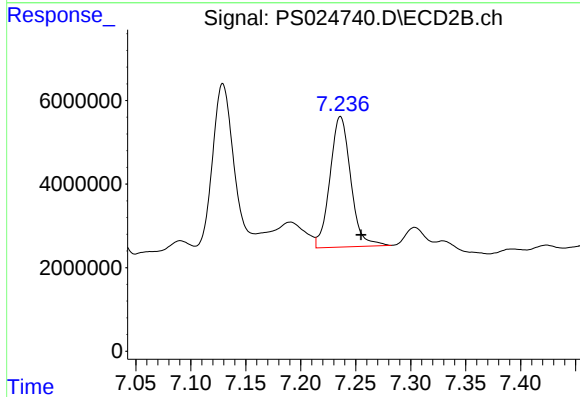
#7 MCPA

R.T.: 6.767 min
Delta R.T.: -0.013 min
Response: 96884758
Conc: 10.87 ug/ml

Instrument :
ECD_S
ClientSampleId :
AU-05-103123MS

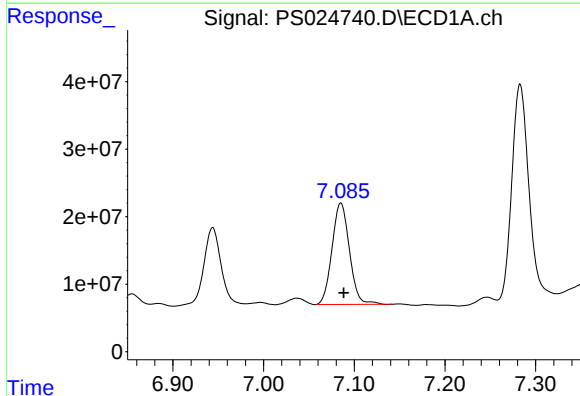
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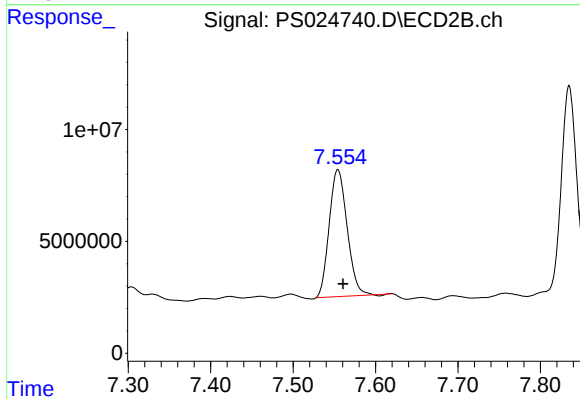
#7 MCPA

R.T.: 7.236 min
Delta R.T.: -0.019 min
Response: 41031049
Conc: 12.80 ug/ml



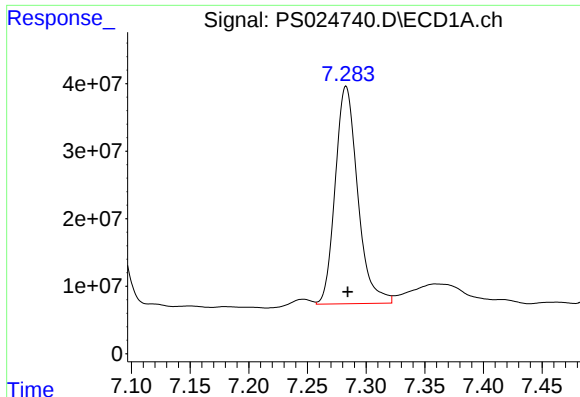
#8 DICHLORPROP

R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 200467912
Conc: 85.28 ng/ml



#8 DICHLORPROP

R.T.: 7.555 min
Delta R.T.: -0.006 min
Response: 85948143
Conc: 114.29 ng/ml



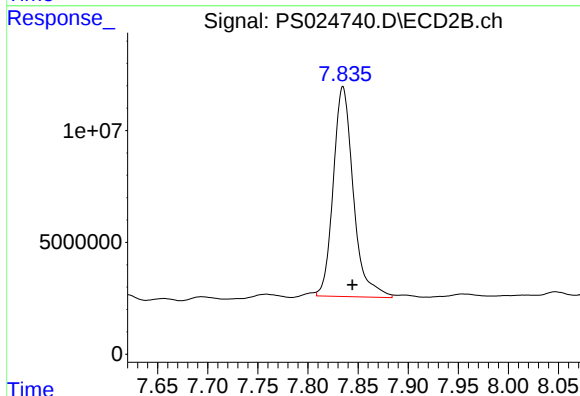
#9 2,4-D

R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 429577534
Conc: 155.48 ng/ml

Instrument :
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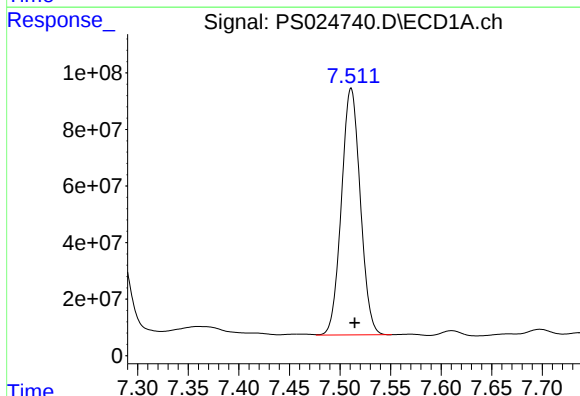
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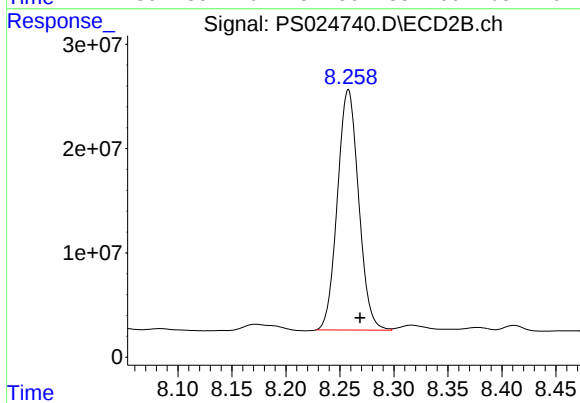
#9 2,4-D

R.T.: 7.835 min
Delta R.T.: -0.010 min
Response: 130571294
Conc: 141.85 ng/ml m



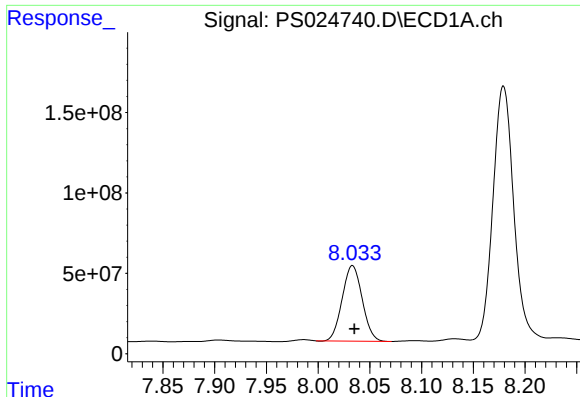
#10 Pentachlorophenol

R.T.: 7.511 min
Delta R.T.: -0.004 min
Response: 1131443136
Conc: 34.80 ng/ml



#10 Pentachlorophenol

R.T.: 8.258 min
Delta R.T.: -0.011 min
Response: 315281381
Conc: 28.93 ng/ml



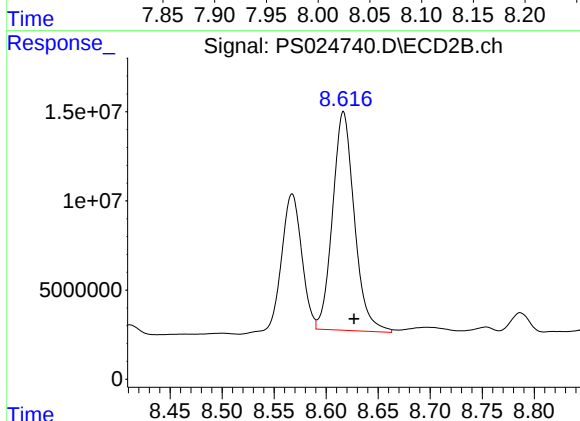
#11 2,4,5-TP (SILVEX)

R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 632252263
Conc: 45.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
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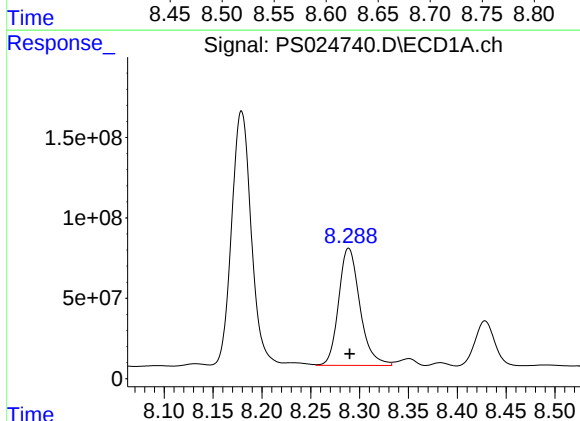
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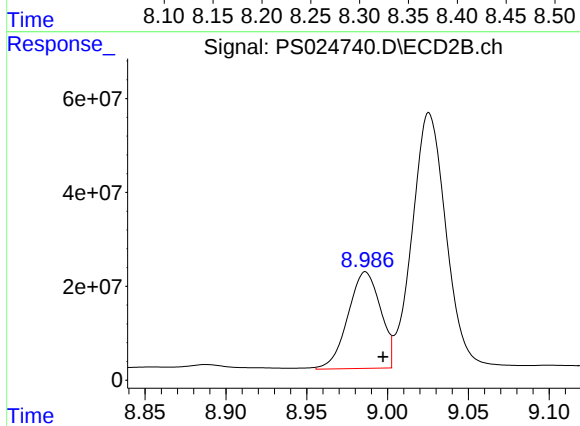
#11 2,4,5-TP (SILVEX)

R.T.: 8.616 min
Delta R.T.: -0.011 min
Response: 178742620
Conc: 42.15 ng/ml m



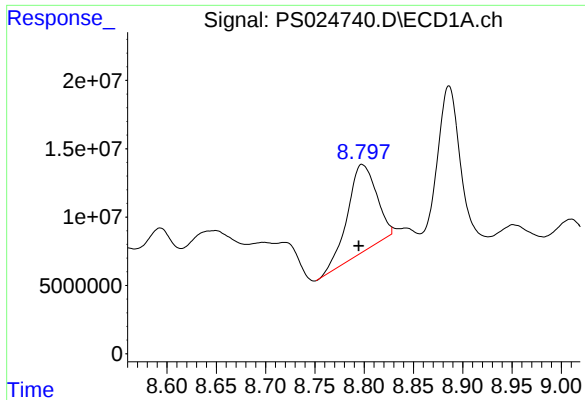
#12 2,4,5-T

R.T.: 8.289 min
Delta R.T.: -0.001 min
Response: 1104485739
Conc: 84.54 ng/ml



#12 2,4,5-T

R.T.: 8.986 min
Delta R.T.: -0.011 min
Response: 286344451
Conc: 69.44 ng/ml m



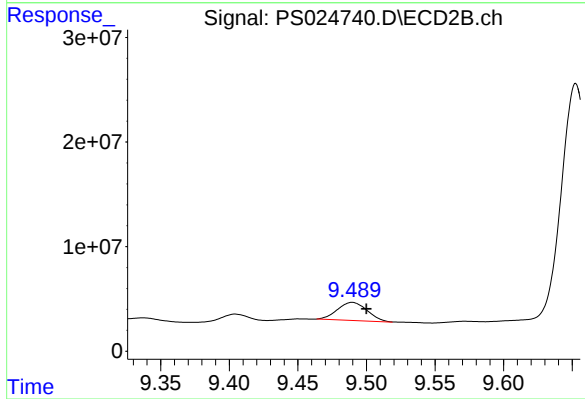
#13 2,4-DB

R.T.: 8.797 min
Delta R.T.: 0.002 min
Response: 130943835
Conc: 64.10 ng/ml

Instrument :
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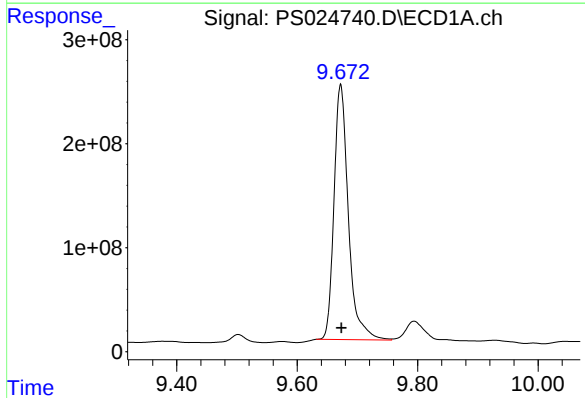
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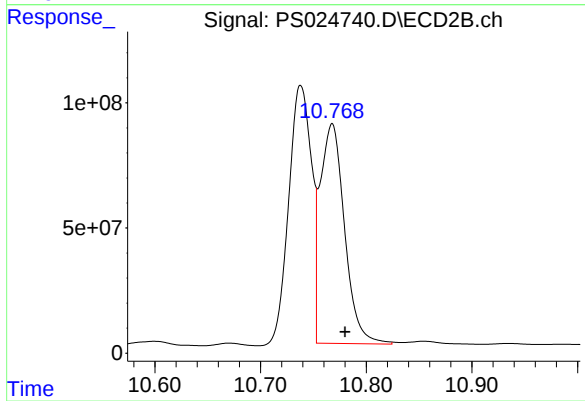
#13 2,4-DB

R.T.: 9.489 min
Delta R.T.: -0.011 min
Response: 26019152
Conc: 51.06 ng/ml m



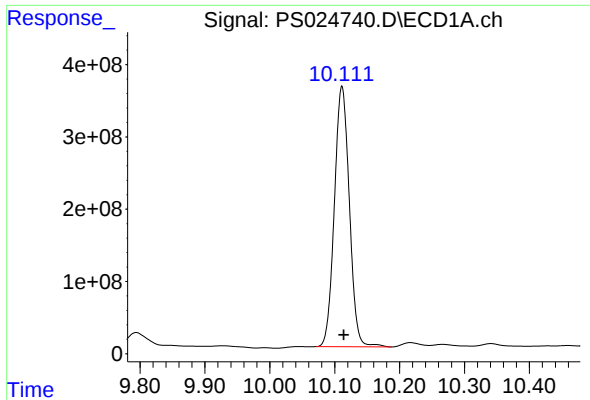
#15 Picloram

R.T.: 9.672 min
Delta R.T.: 0.000 min
Response: 4069291145
Conc: 233.38 ng/ml



#15 Picloram

R.T.: 10.768 min
Delta R.T.: -0.013 min
Response: 1399650348
Conc: 225.23 ng/ml m



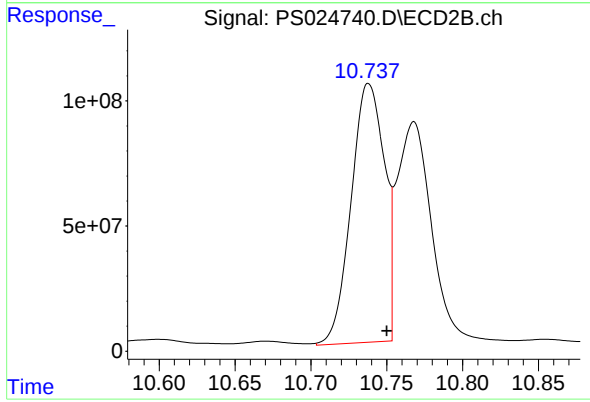
#16 DCPA

R.T.: 10.111 min
Delta R.T.: -0.002 min
Response: 5778150645
Conc: 339.44 ng/ml

Instrument :
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#16 DCPA

R.T.: 10.737 min
Delta R.T.: -0.013 min
Response: 1608035640
Conc: 308.20 ng/ml m