

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 11:25
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:18:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:13:04 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	6.942	7.467	1231.8E6	346.2E6	512.532	503.455
Target Compounds							
1) T	Dalapon	2.449	2.525	1929.5E6	780.3E6	468.186	462.137
2) T	3,5-DICHL...	6.146	6.463	1662.7E6	449.2E6	475.061	469.317
3) T	4-Nitroph...	6.733	7.001	802.3E6	342.6E6	462.200	459.862
5) T	DICAMBA	7.118	7.653	4642.9E6	1792.4E6	476.252	464.683
6) T	MCPD	7.296	7.759	290.7E6	82241844	45.918	46.500
7) T	MCPA	7.438	7.990	399.1E6	105.5E6	46.188	46.156
8) T	DICHLORPROP	7.799	8.347	1186.8E6	464.3E6	480.564	473.759
9) T	2,4-D	8.020	8.661	1315.0E6	523.2E6	478.744	474.742
10) T	Pentachlo...	8.297	9.164	16887.6E6	9661.5E6	483.734	476.543
11) T	2,4,5-TP ...	8.862	9.542	6584.5E6	3838.6E6	482.498	475.108
12) T	2,4,5-T	9.145	9.948	6674.4E6	3641.9E6	482.992	476.224
13) T	2,4-DB	9.703	10.507	1071.1E6	362.7E6	478.618	465.162
14) T	DINOSEB	10.866	10.881	4764.3E6	2699.3E6	475.549	471.423
15) T	Picloram	10.685	11.923	8585.2E6	5454.2E6	477.895	452.164m
16) T	DCPA	11.167	11.919	8208.3E6	5573.5E6	488.029	495.898m

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

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Acq On : 23 Apr 2025 11:25
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

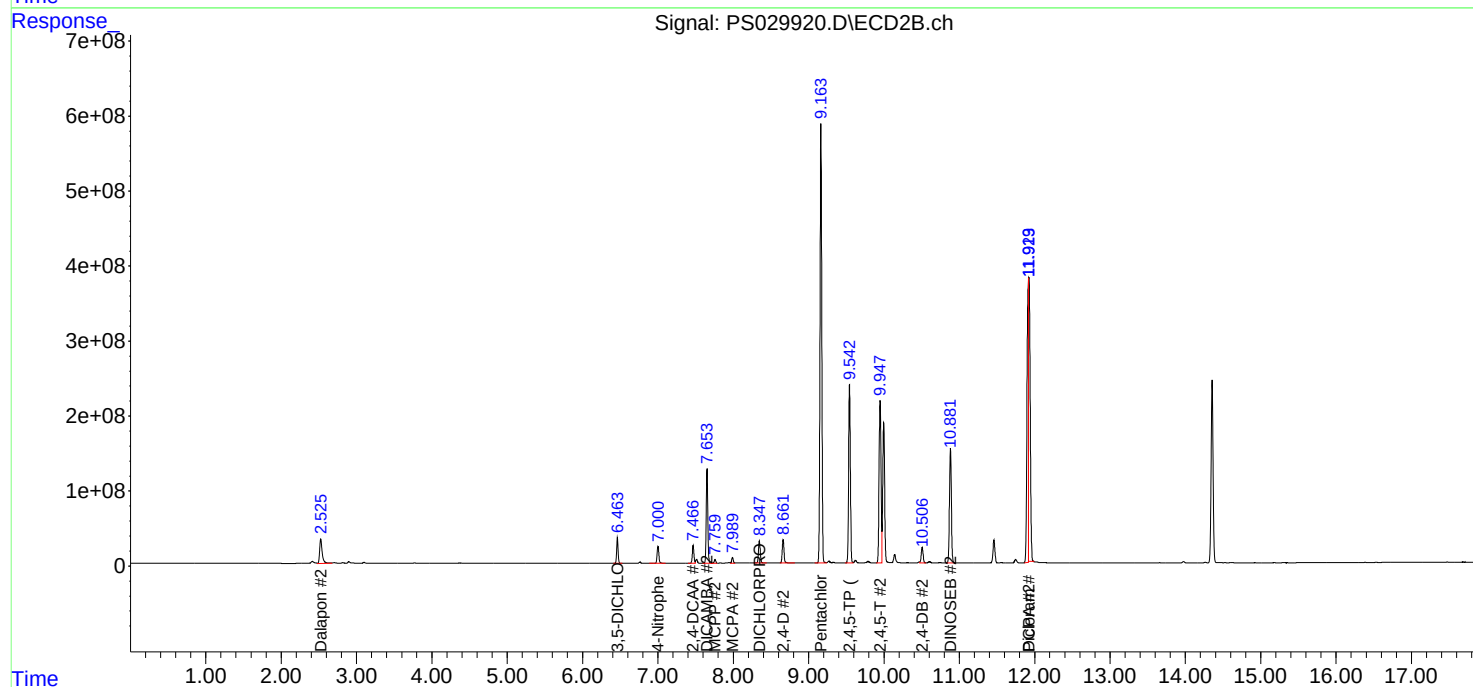
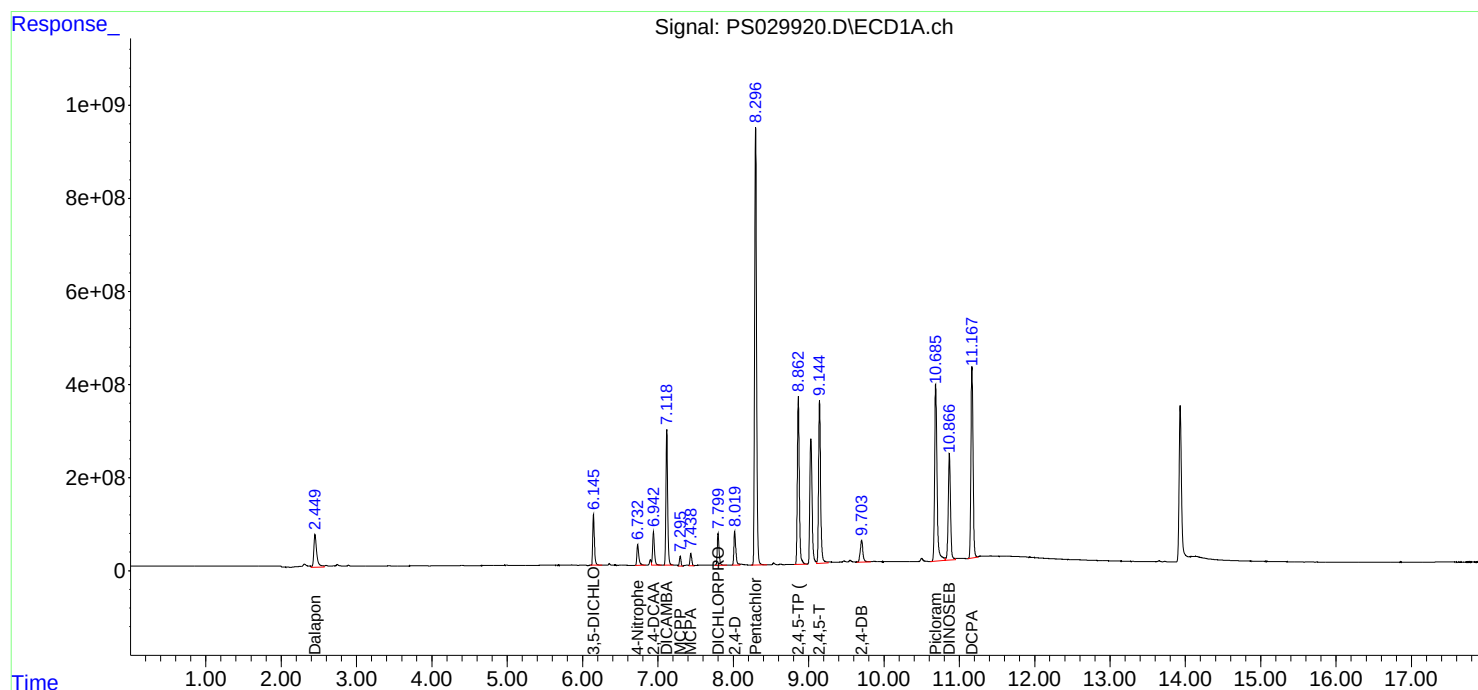
Instrument :
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ClientSampleId :
HSTDICC500

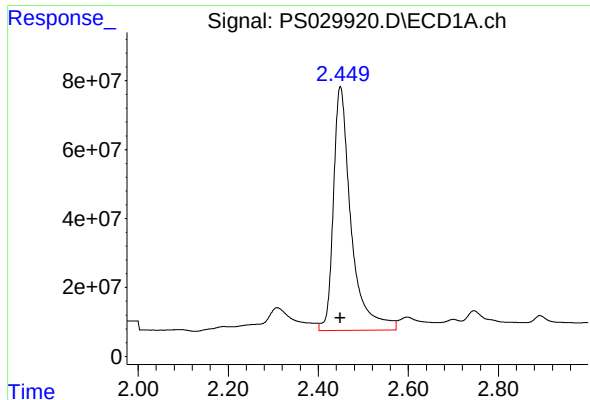
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





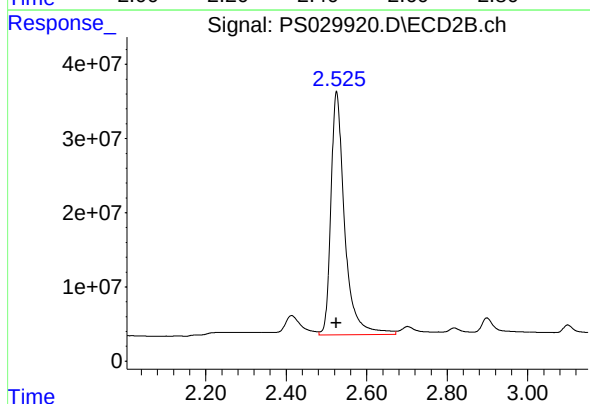
#1 Dalapon

R.T.: 2.449 min
Delta R.T.: 0.000 min
Response: 1929533765
Conc: 468.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

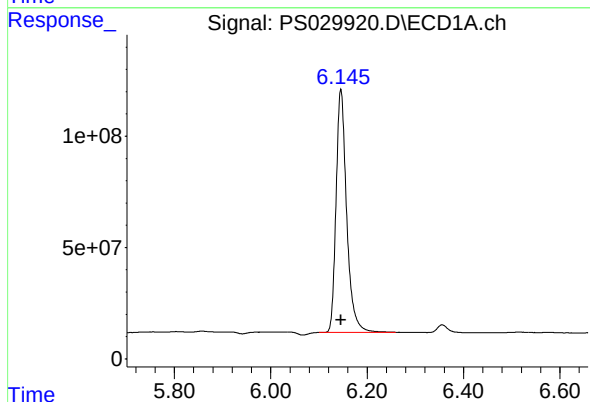
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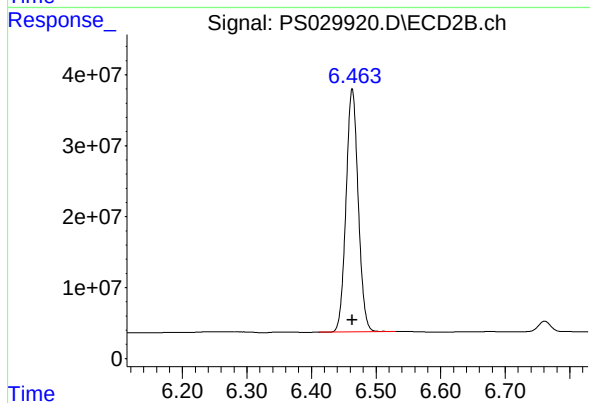
#1 Dalapon

R.T.: 2.525 min
Delta R.T.: 0.000 min
Response: 780277133
Conc: 462.14 ng/ml



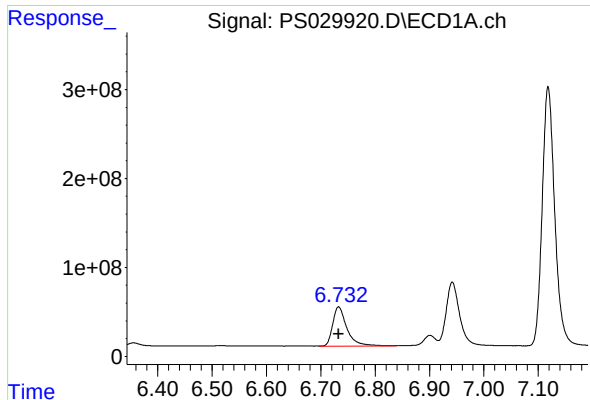
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 1662675840
Conc: 475.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 449204324
Conc: 469.32 ng/ml



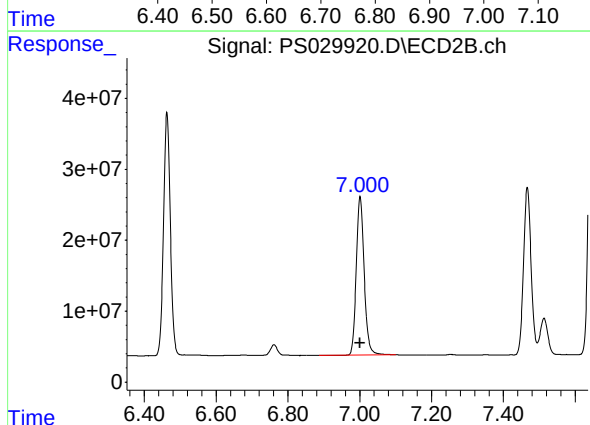
#3 4-Nitrophenol

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 802328512
Conc: 462.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

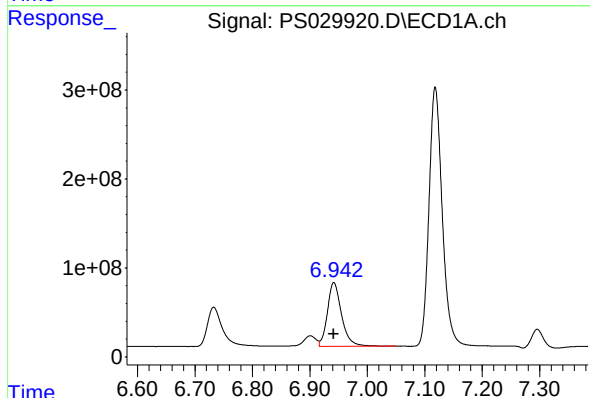
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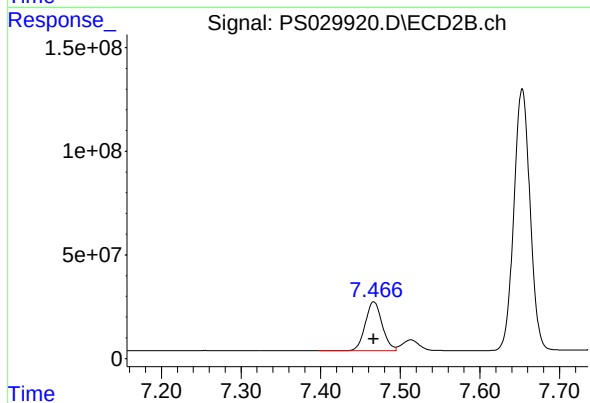
#3 4-Nitrophenol

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 342629938
Conc: 459.86 ng/ml



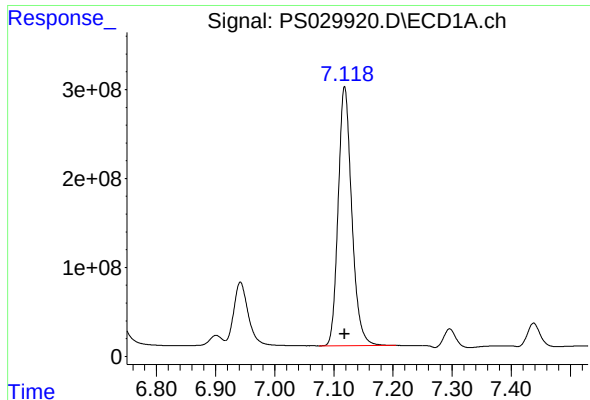
#4 2,4-DCAA

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 1231780921
Conc: 512.53 ng/ml



#4 2,4-DCAA

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 346180636
Conc: 503.46 ng/ml



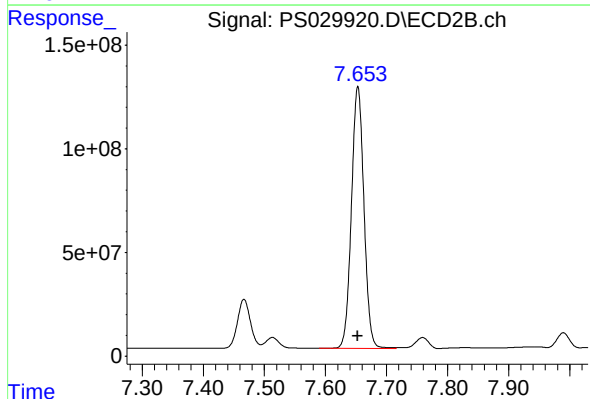
#5 DICAMBA

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 4642915948
Conc: 476.25 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

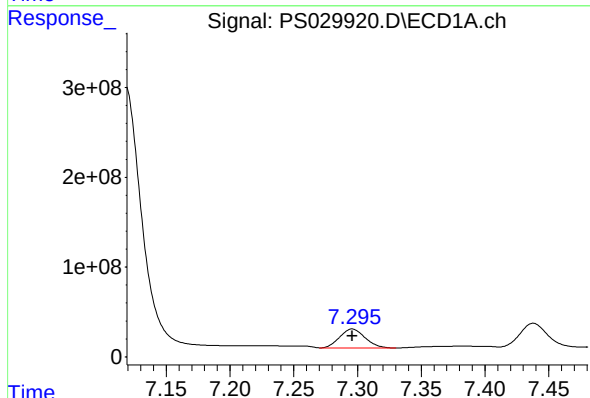
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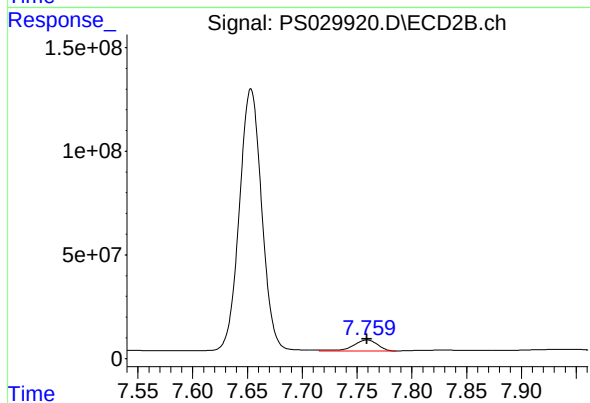
#5 DICAMBA

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 1792383950
Conc: 464.68 ng/ml



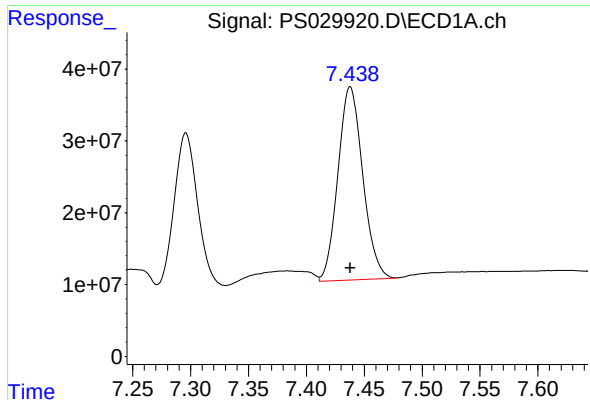
#6 MCPP

R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 290670931
Conc: 45.92 ug/ml



#6 MCPP

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 82241844
Conc: 46.50 ug/ml



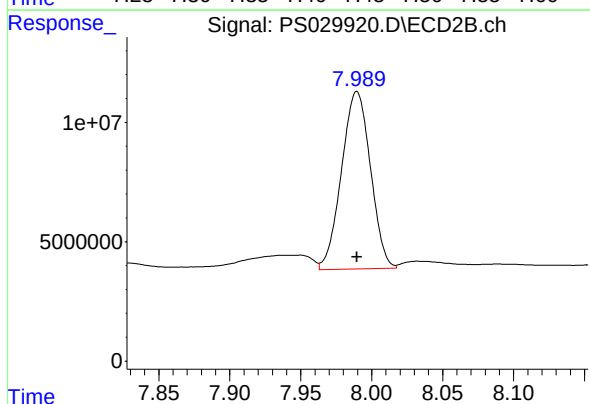
#7 MCPA

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 399051123
Conc: 46.19 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

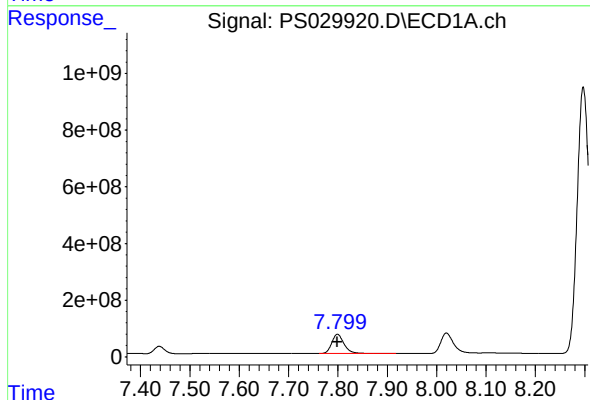
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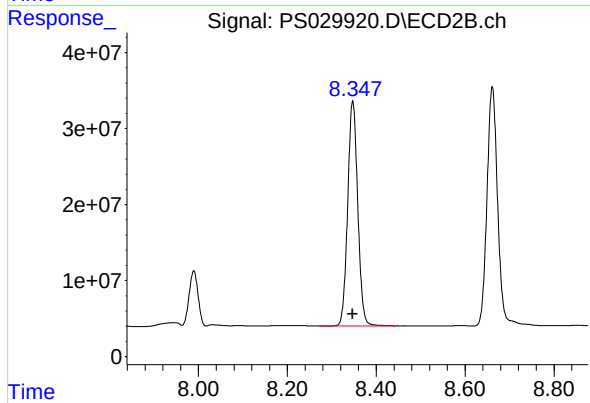
#7 MCPA

R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 105534297
Conc: 46.16 ug/ml



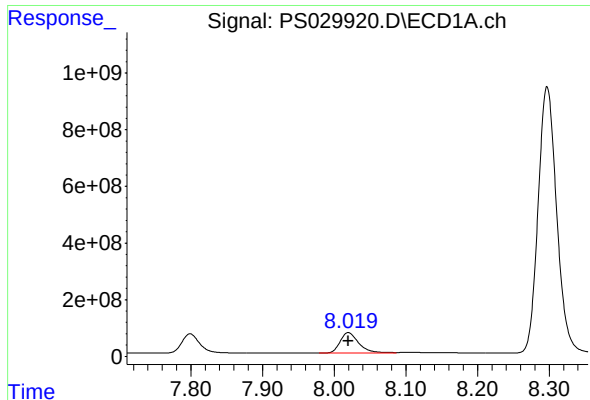
#8 DICHLORPROP

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 1186769618
Conc: 480.56 ng/ml



#8 DICHLORPROP

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 464258436
Conc: 473.76 ng/ml



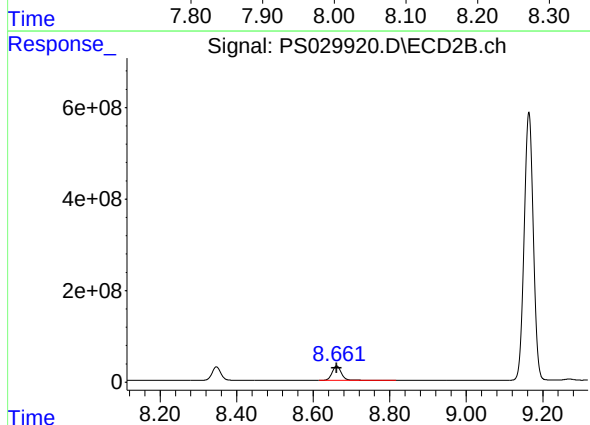
#9 2,4-D

R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 1315035111
Conc: 478.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

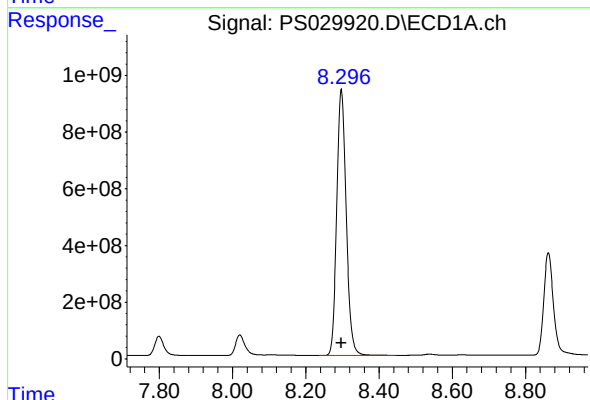
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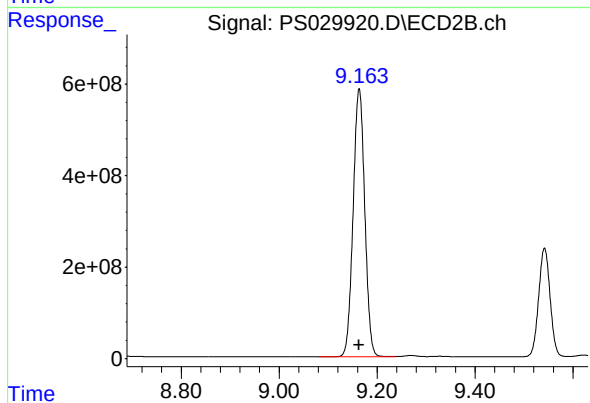
#9 2,4-D

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 523223015
Conc: 474.74 ng/ml



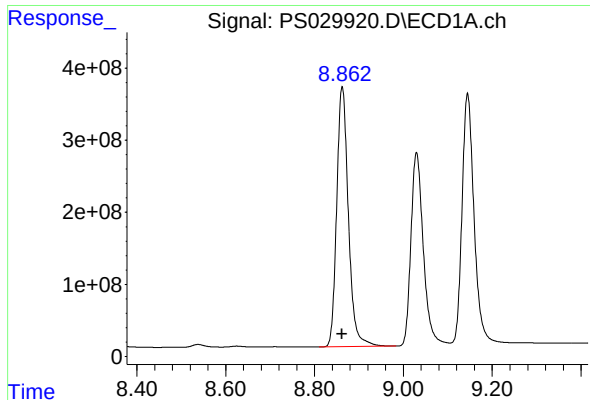
#10 Pentachlorophenol

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 16887638820
Conc: 483.73 ng/ml



#10 Pentachlorophenol

R.T.: 9.164 min
Delta R.T.: 0.000 min
Response: 9661508840
Conc: 476.54 ng/ml



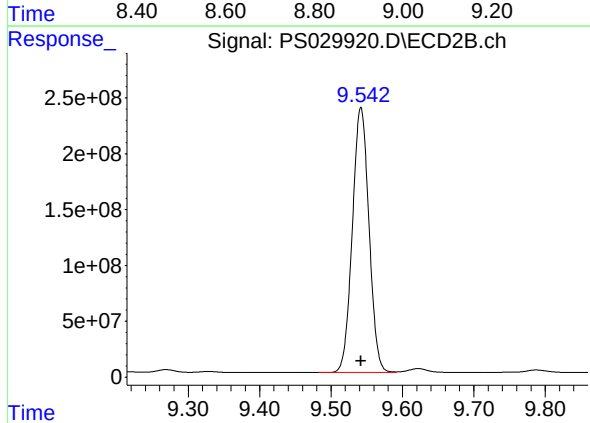
#11 2,4,5-TP (SILVEX)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 6584545232
Conc: 482.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

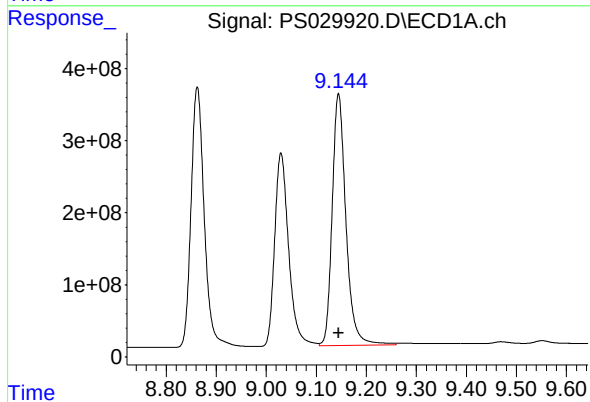
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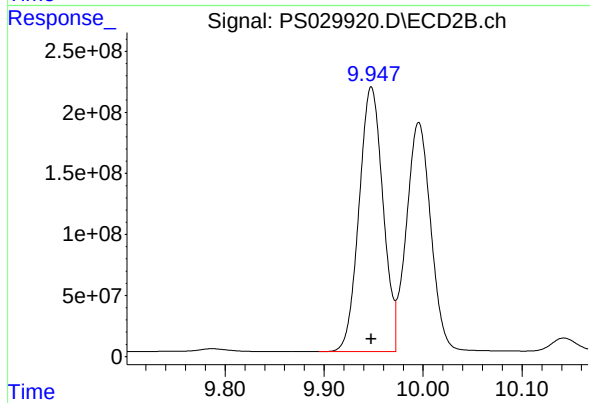
#11 2,4,5-TP (SILVEX)

R.T.: 9.542 min
Delta R.T.: 0.000 min
Response: 3838568800
Conc: 475.11 ng/ml



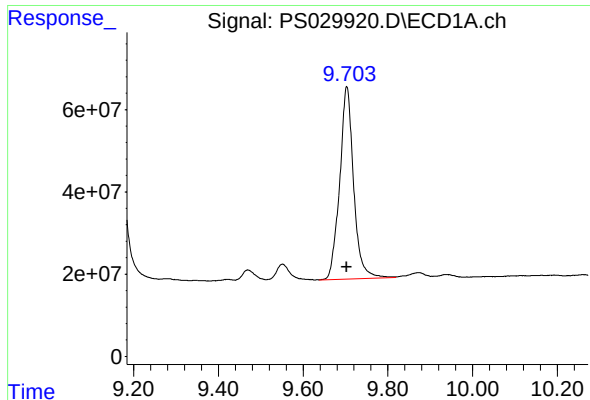
#12 2,4,5-T

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 6674392581
Conc: 482.99 ng/ml



#12 2,4,5-T

R.T.: 9.948 min
Delta R.T.: 0.000 min
Response: 3641908671
Conc: 476.22 ng/ml



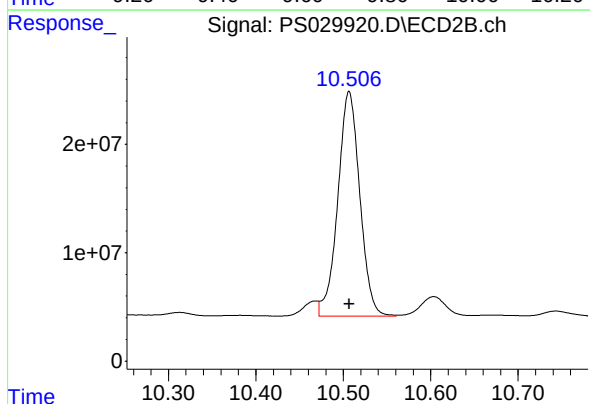
#13 2,4-DB

R.T.: 9.703 min
Delta R.T.: 0.000 min
Response: 1071085603
Conc: 478.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

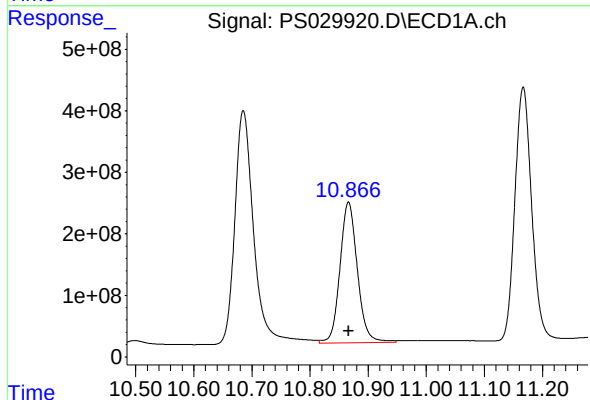
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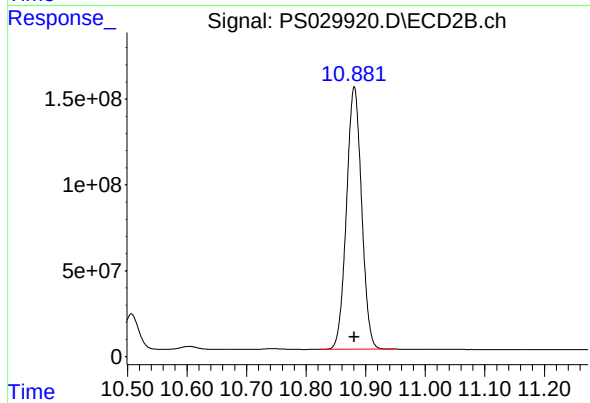
#13 2,4-DB

R.T.: 10.507 min
Delta R.T.: 0.000 min
Response: 362659677
Conc: 465.16 ng/ml



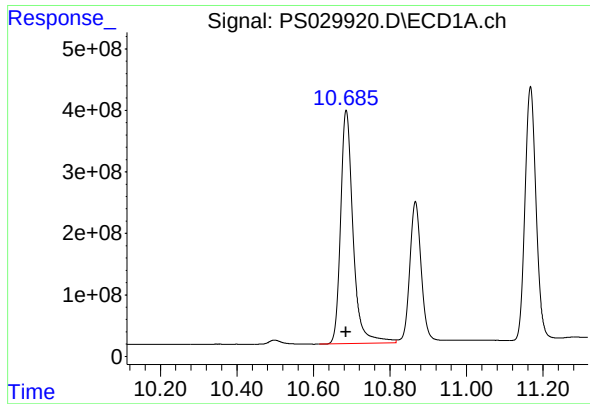
#14 DINOSEB

R.T.: 10.866 min
Delta R.T.: 0.000 min
Response: 4764255395
Conc: 475.55 ng/ml



#14 DINOSEB

R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 2699322247
Conc: 471.42 ng/ml



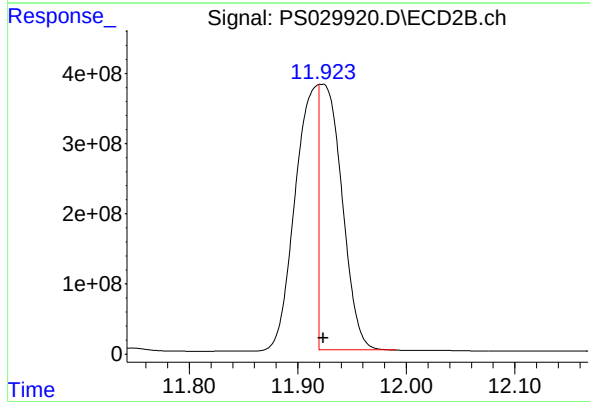
#15 Picloram

R.T.: 10.685 min
Delta R.T.: 0.000 min
Response: 8585191140
Conc: 477.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

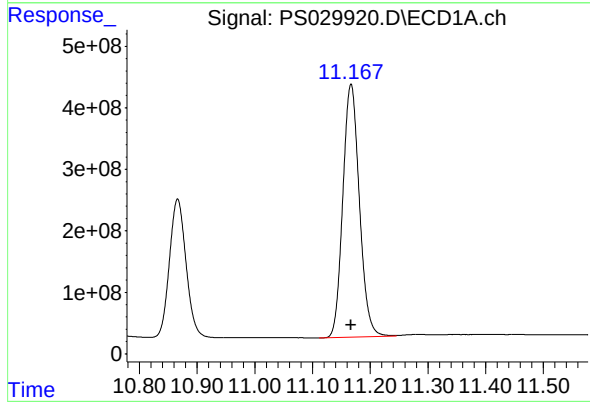
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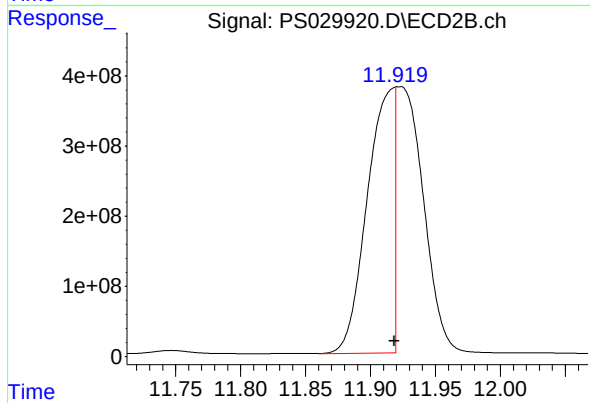
#15 Picloram

R.T.: 11.923 min
Delta R.T.: 0.000 min
Response: 5454177256
Conc: 452.16 ng/ml m



#16 DCPA

R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 8208335626
Conc: 488.03 ng/ml



#16 DCPA

R.T.: 11.919 min
Delta R.T.: 0.000 min
Response: 5573532100
Conc: 495.90 ng/ml m