

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110424\
 Data File : PS028172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2024 15:59
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/05/2024
 Supervised By : Ankita Jodhani 11/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 23:25:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110424.M
 Quant Title : 8080.M
 QLast Update : Mon Nov 04 23:08:44 2024
 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	7.673	7.903	1280.0E6	841.5E6	517.090	517.615
Target Compounds							
1) T	Dalapon	3.040	2.781	1404.4E6	1272.7E6	433.860	459.260
2) T	3,5-DICHL...	6.819	6.835	1583.0E6	1187.8E6	480.974	478.666
3) T	4-Nitroph...	7.478	7.422	609.7E6	528.1E6	463.064	465.888
5) T	DICAMBA	7.871	8.109	4517.0E6	3595.0E6	478.628	477.968
6) T	MCPD	8.050	8.459	290.0E6	326.0E6	46.399m	47.358
7) T	MCPA	8.203	8.459	380.0E6	326.0E6	45.851	46.854
8) T	DICHLORPROP	8.591	8.836	1121.0E6	884.1E6	488.513	485.250
9) T	2,4-D	8.825	9.172	1236.7E6	991.0E6	486.425	486.471
10) T	Pentachlo...	9.145	9.715	16935.4E6	13772.3E6	493.878	497.925
11) T	2,4,5-TP ...	9.719	10.091	6335.5E6	5425.0E6	492.790	490.626
12) T	2,4,5-T	10.013	10.518	6231.1E6	5371.1E6	489.677	490.772
13) T	2,4-DB	10.592	11.090	944.9E6	647.2E6	494.095	483.381
14) T	DINOSEB	11.818	11.474	4120.7E6	3707.8E6	482.053	480.649
15) T	Picloram	11.623	12.587	8323.4E6	7728.0E6	486.752	483.254
16) T	DCPA	12.107	12.531	7066.9E6	6081.7E6	497.950	498.563

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

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Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

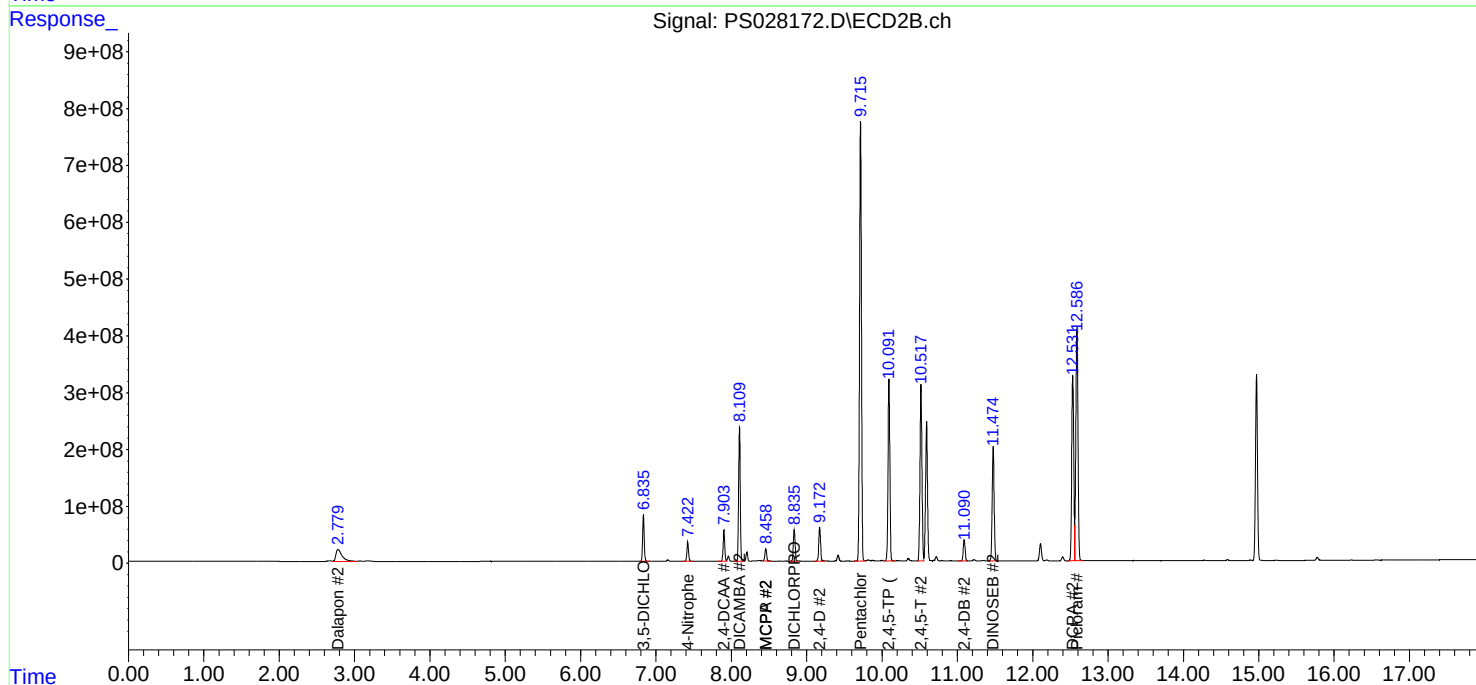
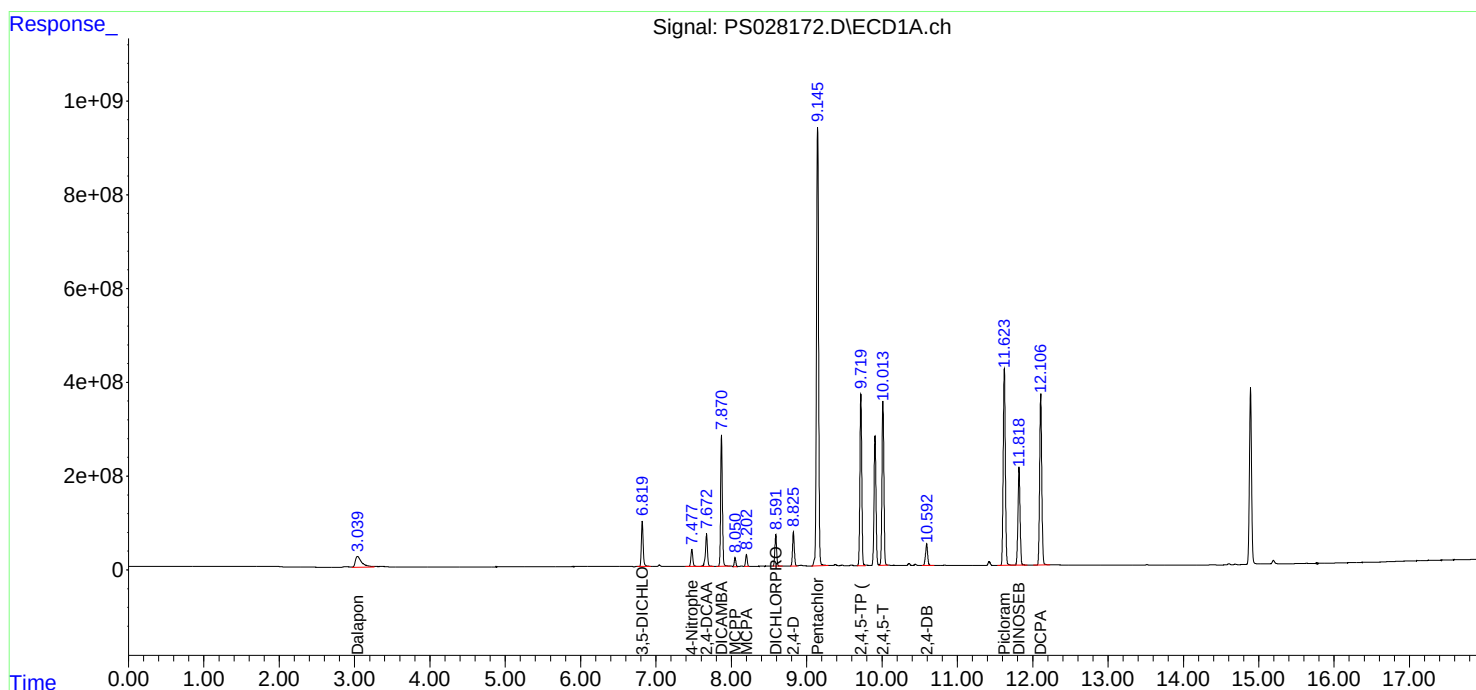
Instrument :
ECD_S
ClientSampleId :
HSTDICC500

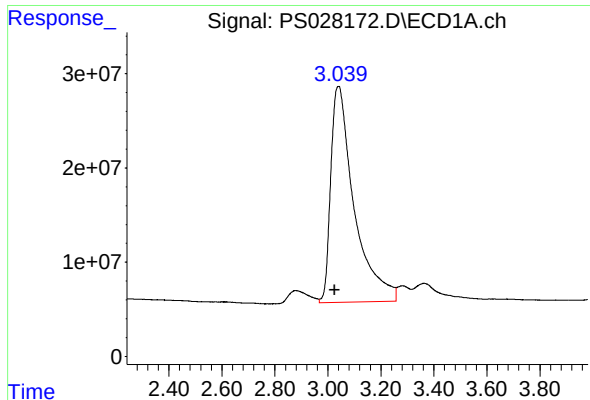
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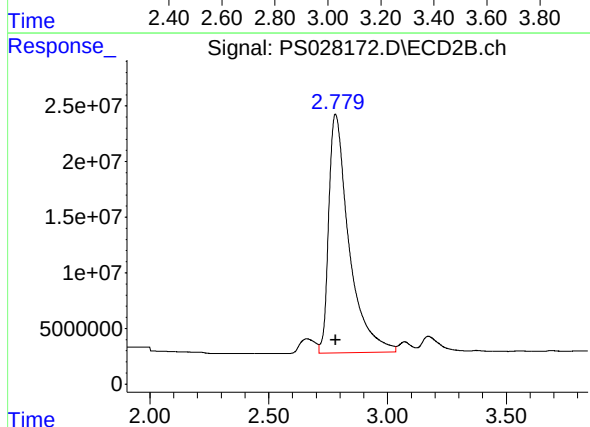
#1 Dalapon

R.T.: 3.040 min
Delta R.T.: 0.014 min
Response: 1404361832
Conc: 433.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

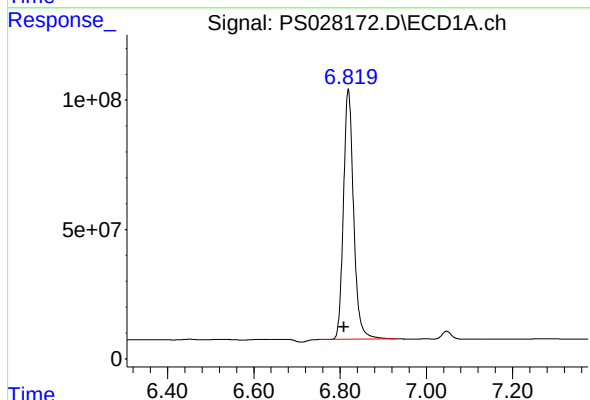
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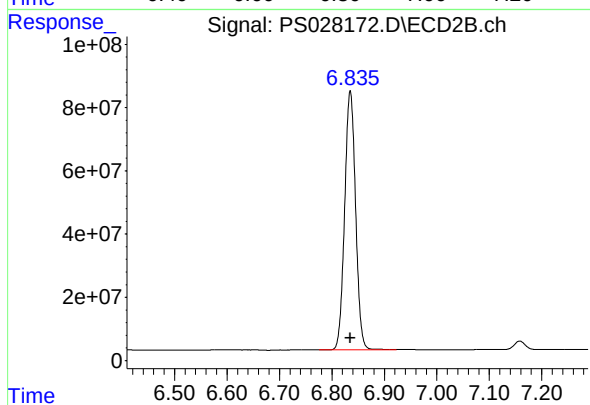
#1 Dalapon

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 1272663321
Conc: 459.26 ng/ml



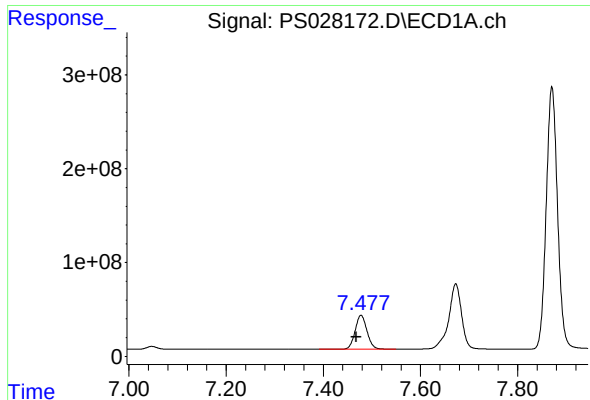
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.819 min
Delta R.T.: 0.010 min
Response: 1583004111
Conc: 480.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 1187785793
Conc: 478.67 ng/ml



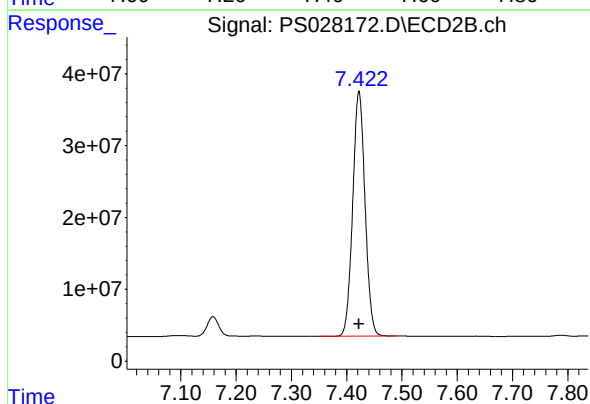
#3 4-Nitrophenol

R.T.: 7.478 min
Delta R.T.: 0.010 min
Response: 609693379
Conc: 463.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

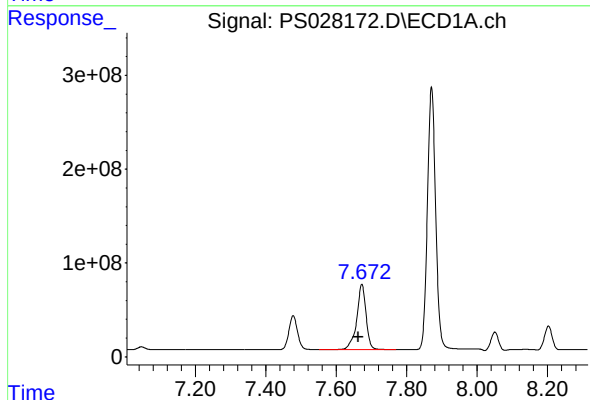
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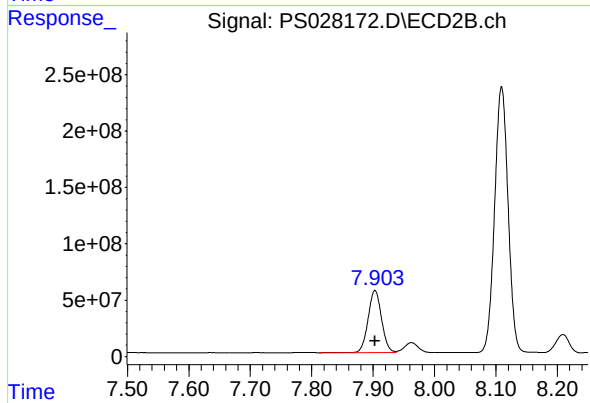
#3 4-Nitrophenol

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 528147229
Conc: 465.89 ng/ml



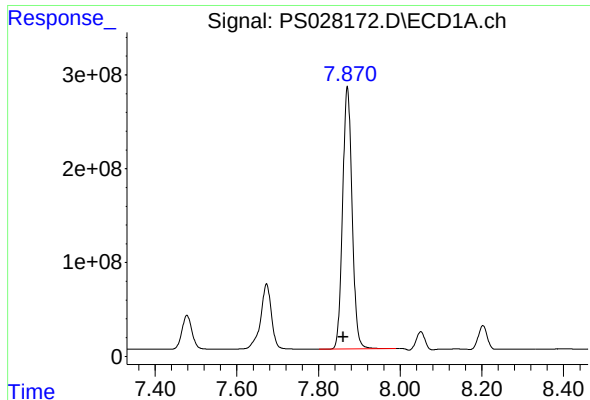
#4 2,4-DCAA

R.T.: 7.673 min
Delta R.T.: 0.009 min
Response: 1279997689
Conc: 517.09 ng/ml



#4 2,4-DCAA

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 841484792
Conc: 517.61 ng/ml



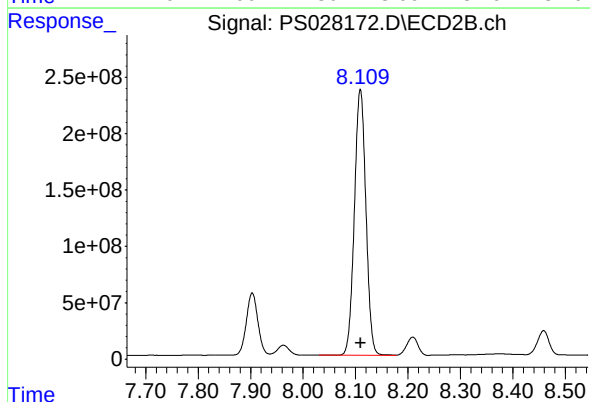
#5 DICAMBA

R.T.: 7.871 min
Delta R.T.: 0.009 min
Response: 4517004227
Conc: 478.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

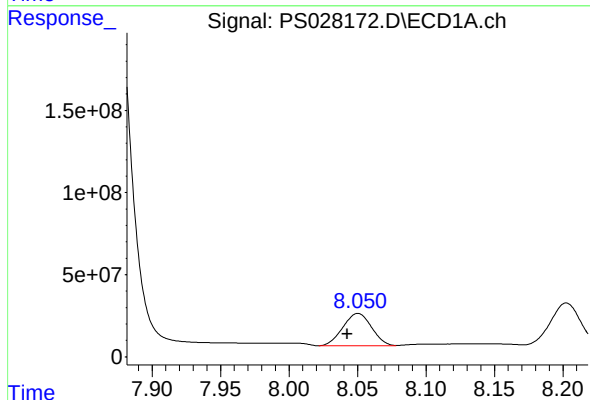
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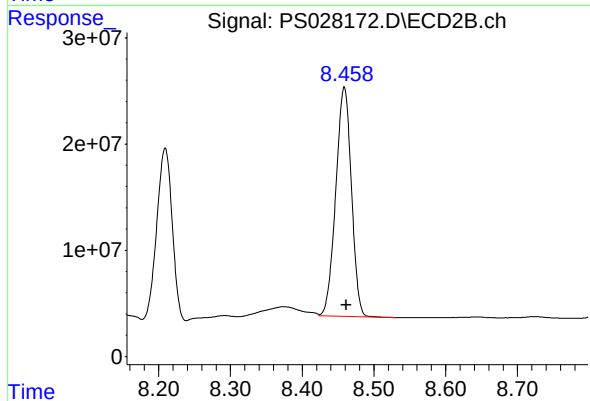
#5 DICAMBA

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 3595002751
Conc: 477.97 ng/ml



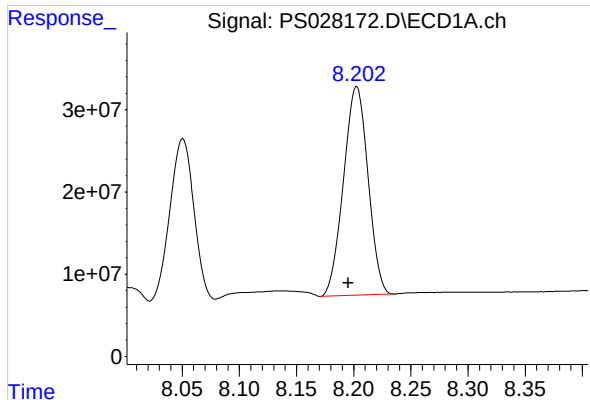
#6 MCPP

R.T.: 8.050 min
Delta R.T.: 0.008 min
Response: 289961223
Conc: 46.40 ug/ml m



#6 MCPP

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 325957027
Conc: 47.36 ug/ml



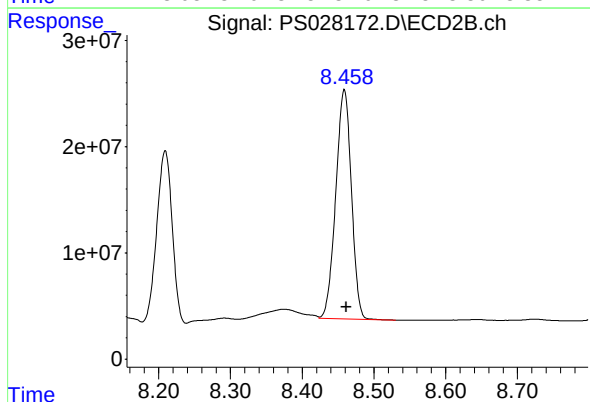
#7 MCPA

R.T.: 8.203 min
Delta R.T.: 0.007 min
Response: 380028336
Conc: 45.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

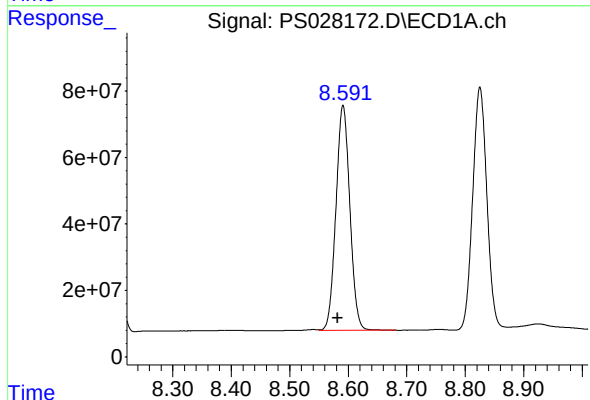
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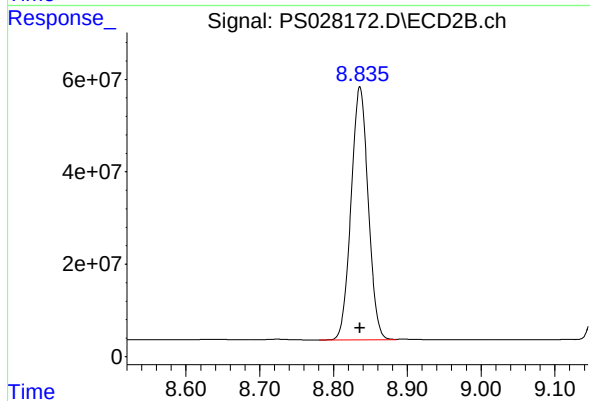
#7 MCPA

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 325957027
Conc: 46.85 ug/ml



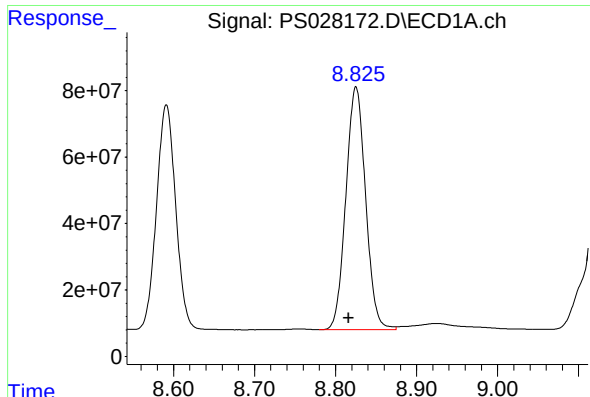
#8 DICHLORPROP

R.T.: 8.591 min
Delta R.T.: 0.009 min
Response: 1121016113
Conc: 488.51 ng/ml



#8 DICHLORPROP

R.T.: 8.836 min
Delta R.T.: 0.000 min
Response: 884148608
Conc: 485.25 ng/ml



#9 2,4-D

R.T.: 8.825 min
Delta R.T.: 0.009 min
Response: 1236680845
Conc: 486.42 ng/ml

Instrument :

ECD_S

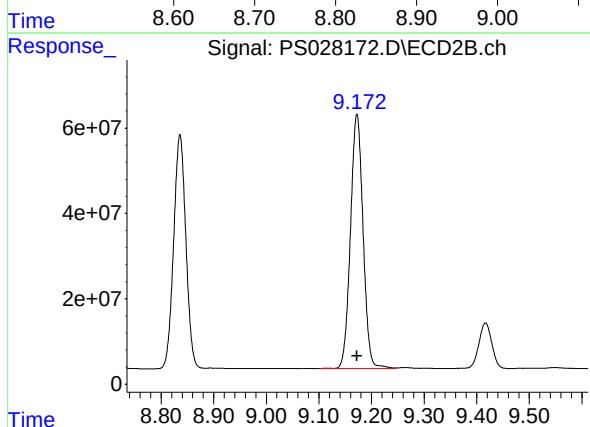
ClientSampleId :

HSTDICC500

Manual Integrations

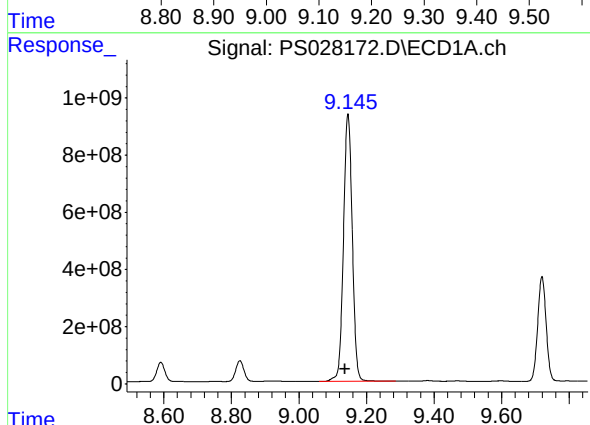
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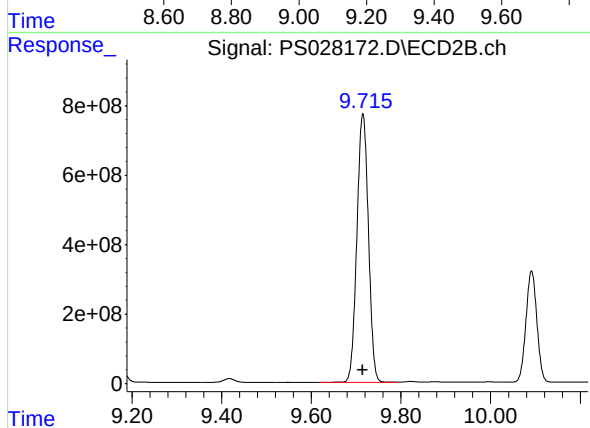
#9 2,4-D

R.T.: 9.172 min
Delta R.T.: 0.000 min
Response: 990984256
Conc: 486.47 ng/ml



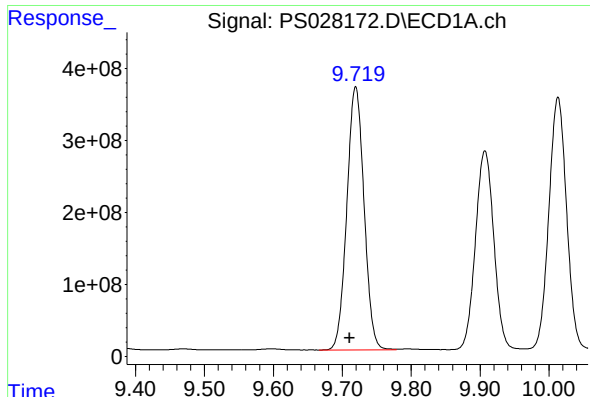
#10 Pentachlorophenol

R.T.: 9.145 min
Delta R.T.: 0.009 min
Response: 16935396280
Conc: 493.88 ng/ml



#10 Pentachlorophenol

R.T.: 9.715 min
Delta R.T.: 0.000 min
Response: 13772286379
Conc: 497.93 ng/ml



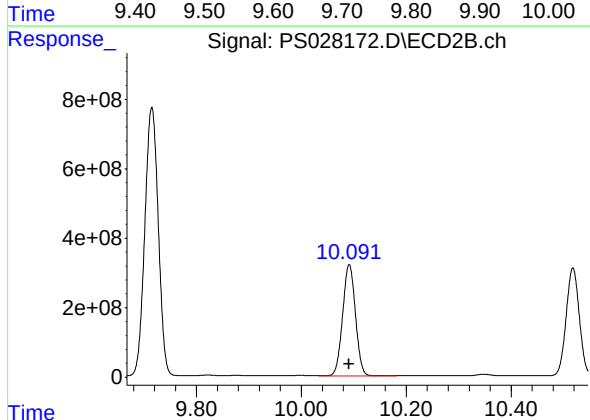
#11 2,4,5-TP (SILVEX)

R.T.: 9.719 min
Delta R.T.: 0.009 min
Response: 6335515297
Conc: 492.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

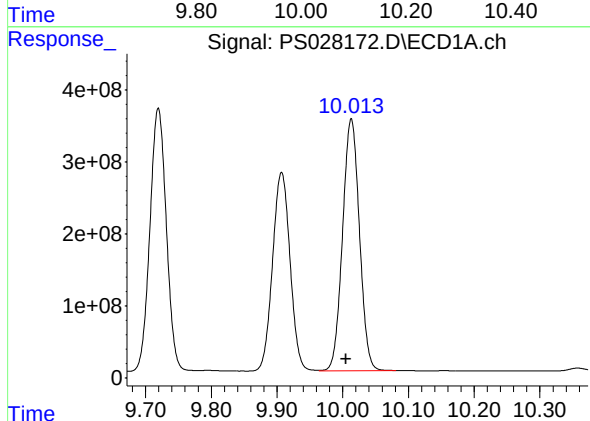
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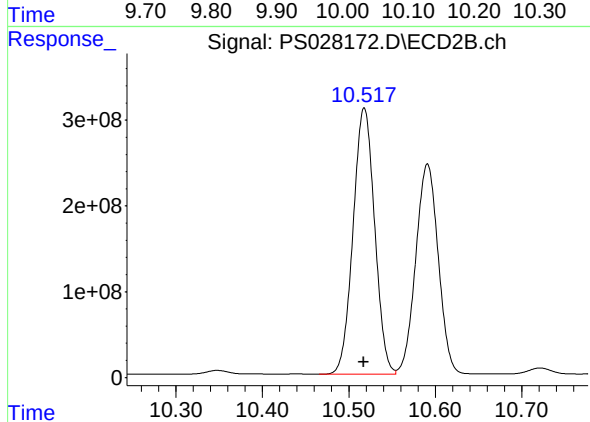
#11 2,4,5-TP (SILVEX)

R.T.: 10.091 min
Delta R.T.: 0.000 min
Response: 5424979799
Conc: 490.63 ng/ml



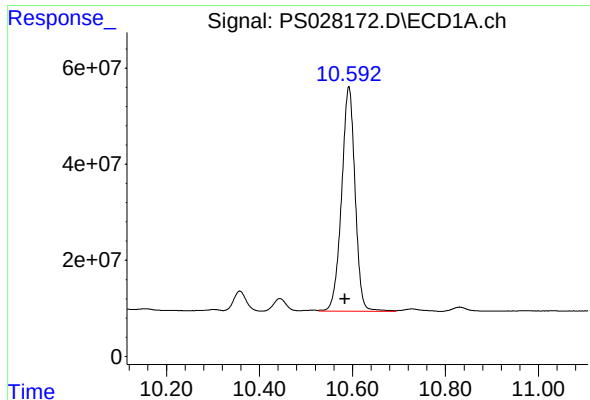
#12 2,4,5-T

R.T.: 10.013 min
Delta R.T.: 0.008 min
Response: 6231085378
Conc: 489.68 ng/ml



#12 2,4,5-T

R.T.: 10.518 min
Delta R.T.: 0.000 min
Response: 5371138855
Conc: 490.77 ng/ml



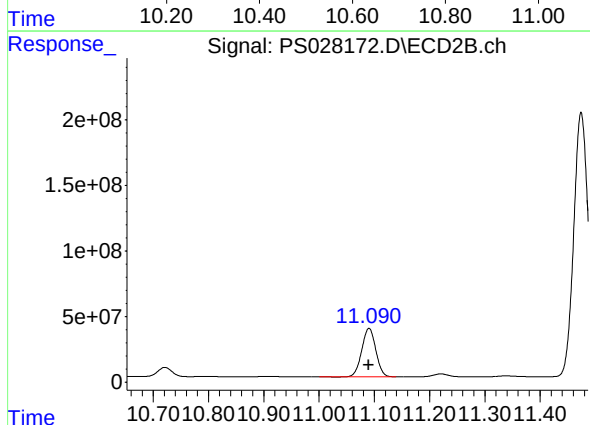
#13 2,4-DB

R.T.: 10.592 min
Delta R.T.: 0.008 min
Response: 944942821
Conc: 494.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

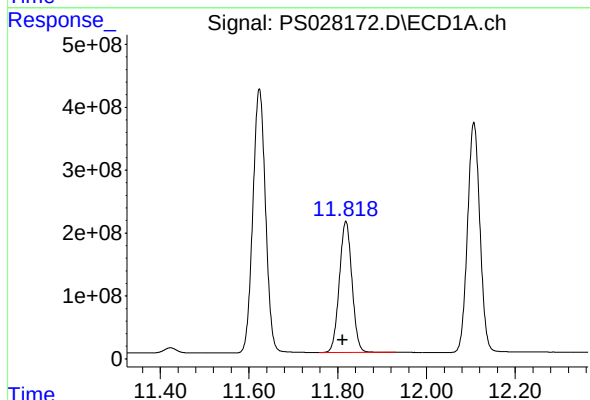
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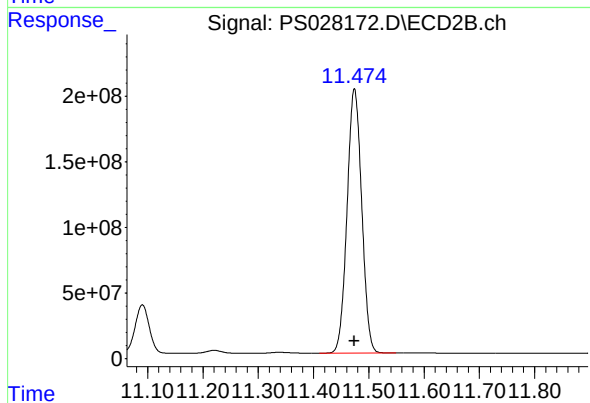
#13 2,4-DB

R.T.: 11.090 min
Delta R.T.: 0.000 min
Response: 647220423
Conc: 483.38 ng/ml



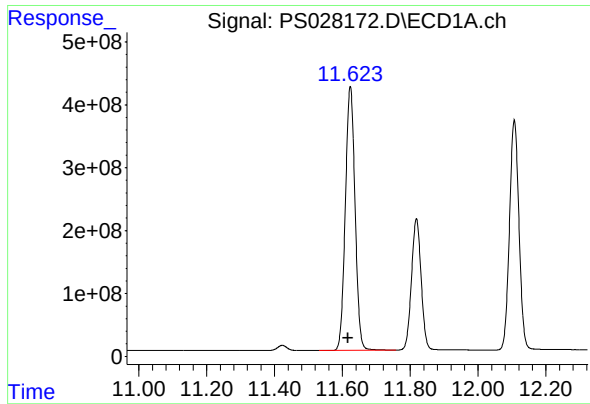
#14 DINOSEB

R.T.: 11.818 min
Delta R.T.: 0.007 min
Response: 4120677992
Conc: 482.05 ng/ml



#14 DINOSEB

R.T.: 11.474 min
Delta R.T.: 0.000 min
Response: 3707838482
Conc: 480.65 ng/ml



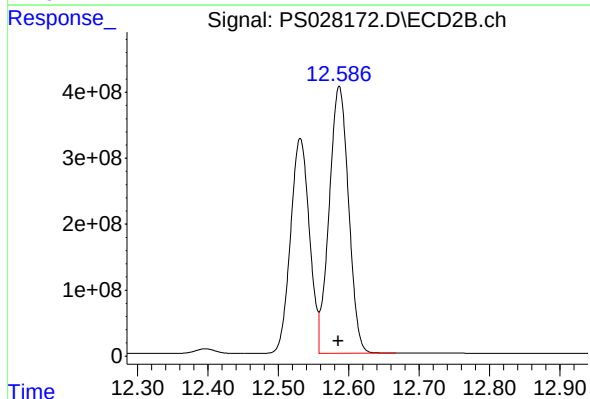
#15 Picloram

R.T.: 11.623 min
Delta R.T.: 0.008 min
Response: 8323358005
Conc: 486.75 ng/ml

Instrument :
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ClientSampleId :
HSTDICC500

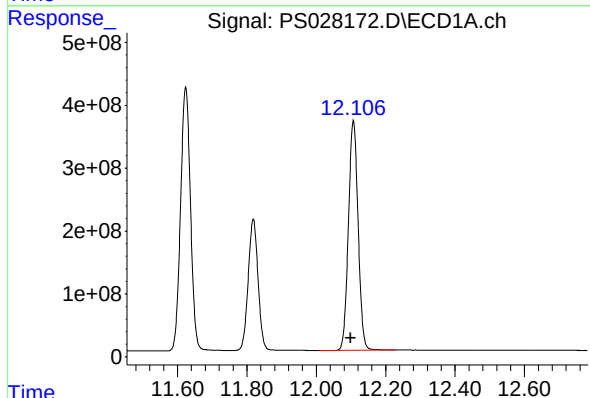
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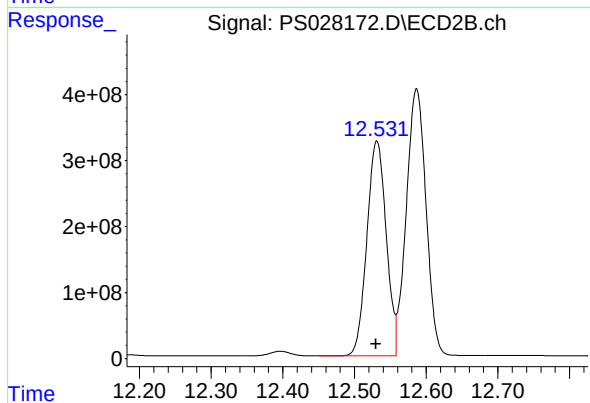
#15 Picloram

R.T.: 12.587 min
Delta R.T.: 0.001 min
Response: 7728006997
Conc: 483.25 ng/ml



#16 DCPA

R.T.: 12.107 min
Delta R.T.: 0.007 min
Response: 7066884113
Conc: 497.95 ng/ml



#16 DCPA

R.T.: 12.531 min
Delta R.T.: 0.000 min
Response: 6081672919
Conc: 498.56 ng/ml