

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091625\
 Data File : PS031753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 15:02
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 05:45:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.285	7.744	2770.0E6	671.9E6	769.132	739.222
Target Compounds							
1) T	Dalapon	2.668	2.691	3846.7E6	1928.8E6	665.434	684.562
2) T	3,5-DICHL...	6.452	6.696	3778.3E6	1082.0E6	708.420	709.521
3) T	4-Nitroph...	7.095	7.295	867.3E6	830.2E6	786.126	657.464
5) T	DICAMBA	7.468	7.939	11318.3E6	4603.3E6	725.685	707.460
6) T	MCPD	7.647	8.036	669.6E6	145.6E6	74.900	77.286
7) T	MCPA	7.795	8.283	823.2E6	203.6E6	74.091	72.675
8) T	DICHLORPROP	8.177	8.658	2537.7E6	1060.8E6	712.492	729.064
9) T	2,4-D	8.413	9.001	2517.6E6	1152.1E6	734.941m	700.336
10) T	Pentachlo...	8.708	9.508	41409.3E6	29417.7E6	779.926	741.176
11) T	2,4,5-TP ...	9.285	9.893	15487.3E6	10774.0E6	738.414	715.675
12) T	2,4,5-T	9.582	10.322	14248.4E6	9581.4E6	778.681	711.999
13) T	2,4-DB	10.157	10.890	1865.5E6	706.8E6	799.711	660.536
14) T	DINOSEB	11.353	11.265	11183.3E6	7540.1E6	775.394	775.675
15) T	Picloram	11.183	12.385	14410.9E6	17467.0E6	800.112	737.527
16) T	DCPA	11.651	12.306	20275.2E6	17562.8E6	752.331	728.624

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

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Acq On : 16 Sep 2025 15:02
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

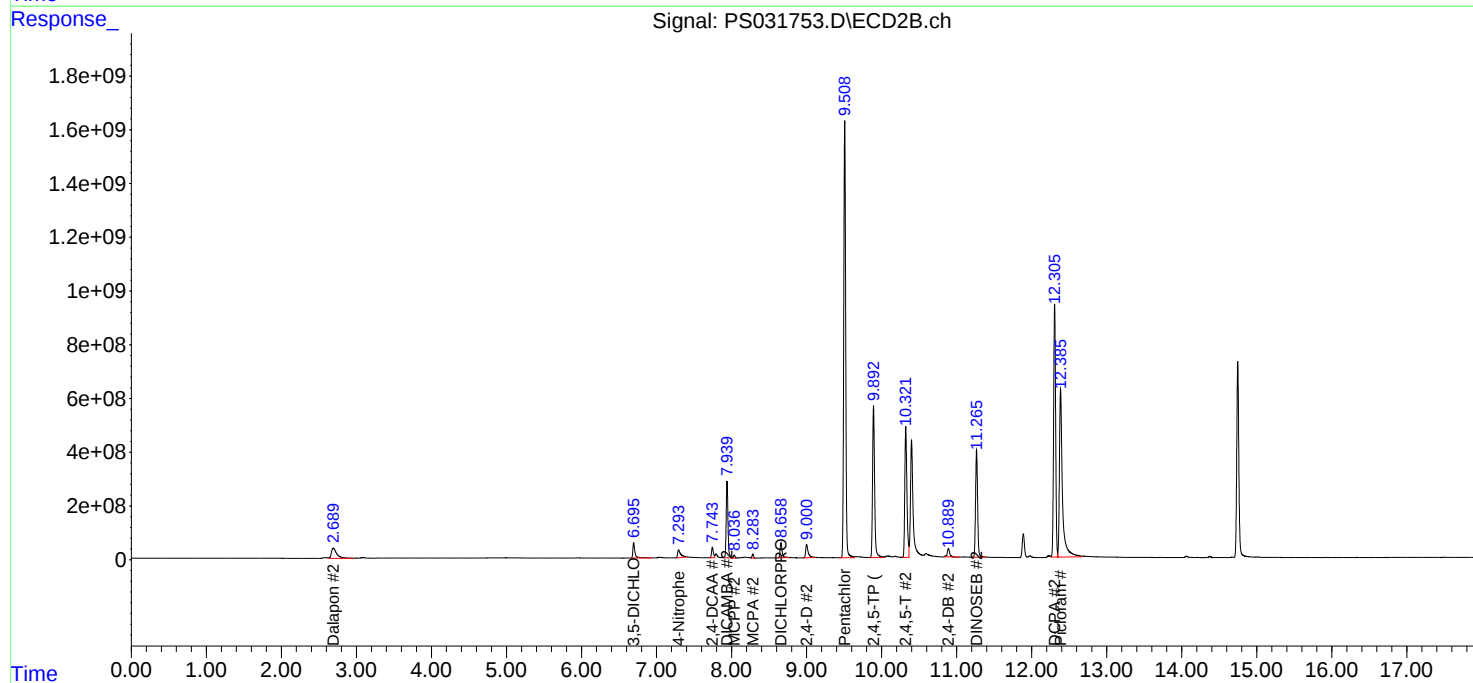
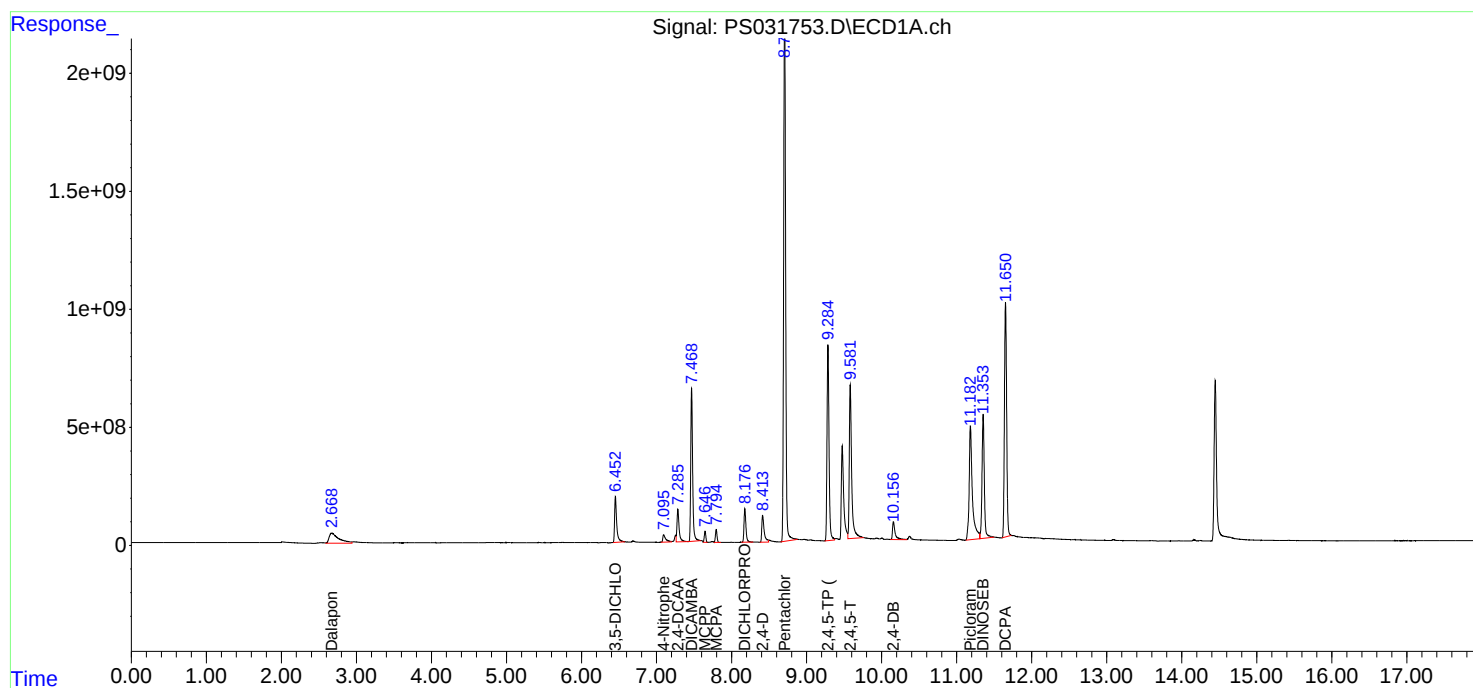
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

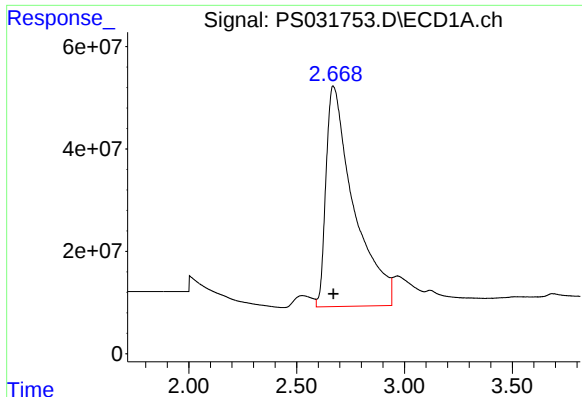
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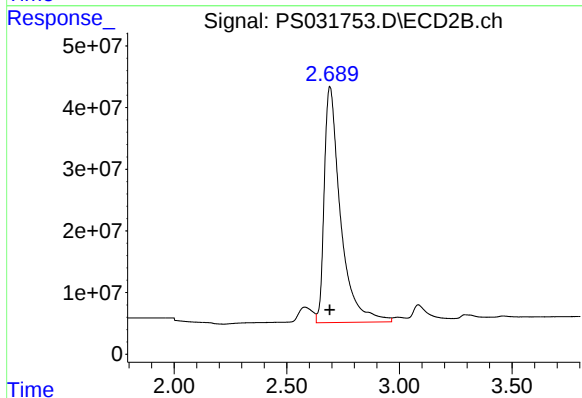
#1 Dalapon

R.T.: 2.668 min
Delta R.T.: -0.003 min
Response: 3846705039
Conc: 665.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

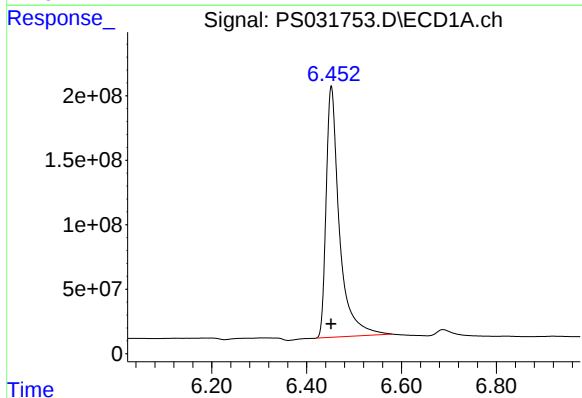
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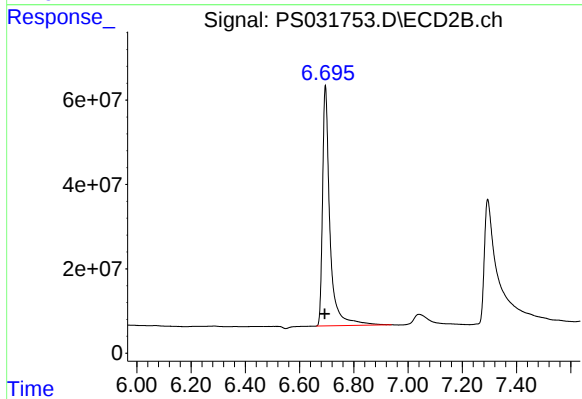
#1 Dalapon

R.T.: 2.691 min
Delta R.T.: 0.000 min
Response: 1928839230
Conc: 684.56 ng/ml



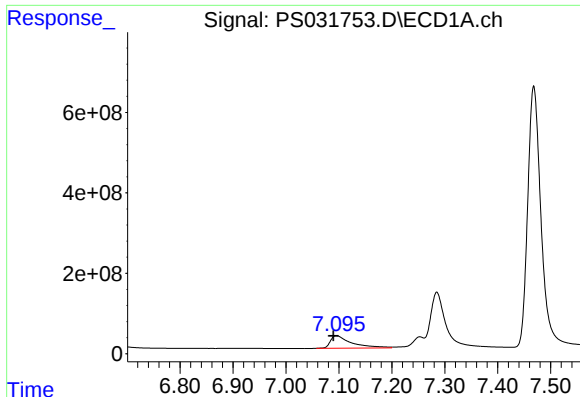
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 3778257956
Conc: 708.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1081994662
Conc: 709.52 ng/ml



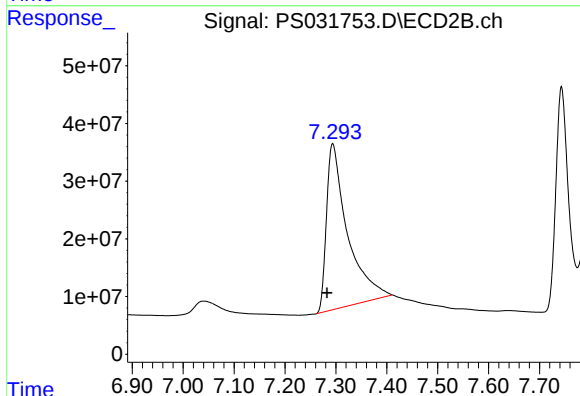
#3 4-Nitrophenol

R.T.: 7.095 min
Delta R.T.: 0.006 min
Response: 867261214
Conc: 786.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

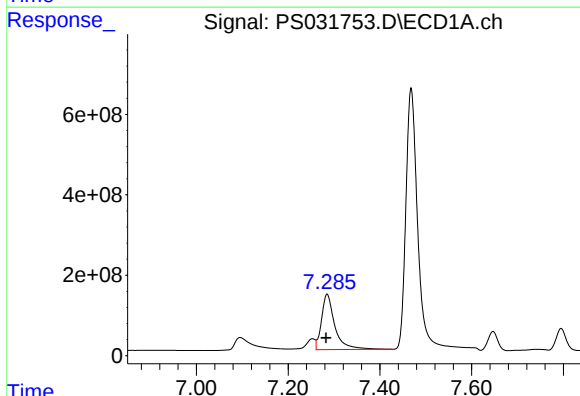
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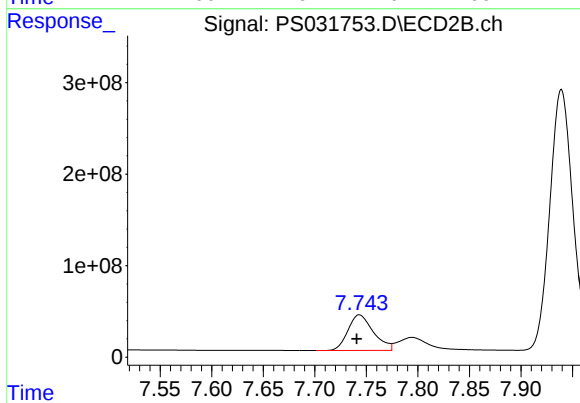
#3 4-Nitrophenol

R.T.: 7.295 min
Delta R.T.: 0.012 min
Response: 830237004
Conc: 657.46 ng/ml



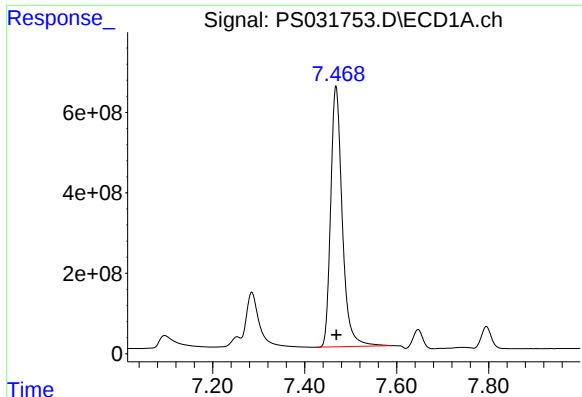
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: 0.002 min
Response: 2770049248
Conc: 769.13 ng/ml



#4 2,4-DCAA

R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 671878620
Conc: 739.22 ng/ml



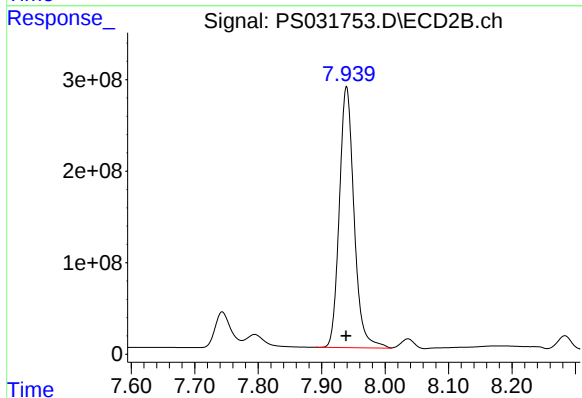
#5 DICAMBA

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 11318296676
Conc: 725.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

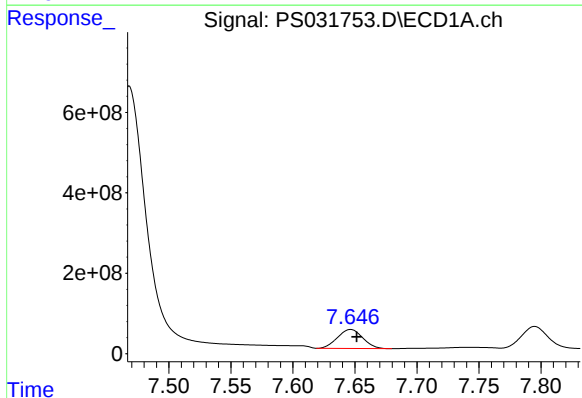
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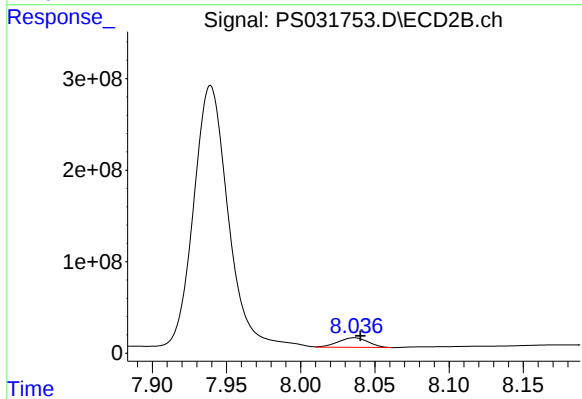
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 4603335467
Conc: 707.46 ng/ml



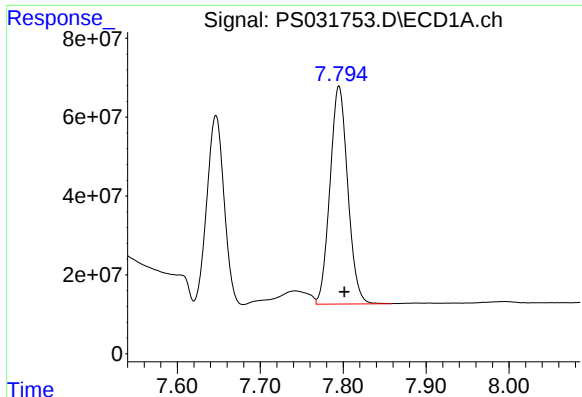
#6 MCPP

R.T.: 7.647 min
Delta R.T.: -0.005 min
Response: 669552156
Conc: 74.90 ug/ml



#6 MCPP

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 145560209
Conc: 77.29 ug/ml



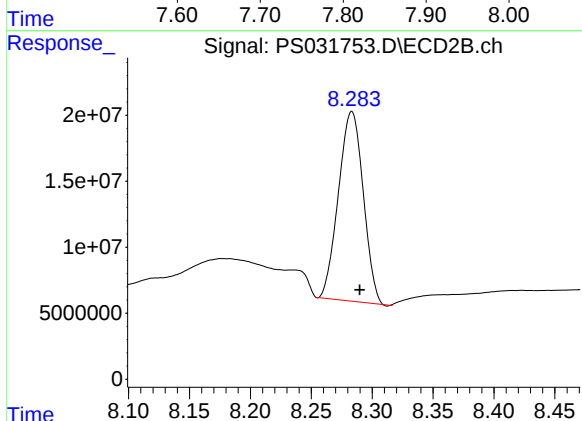
#7 MCPA

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 823179703
Conc: 74.09 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

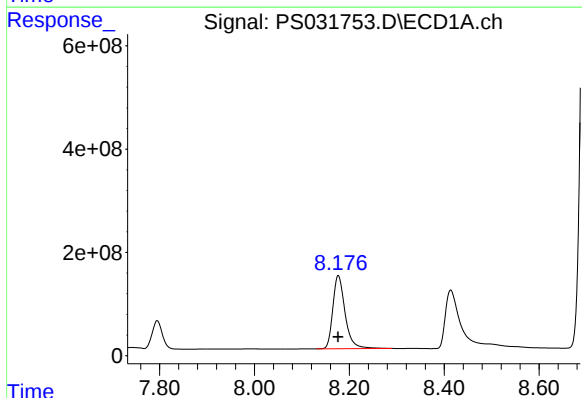
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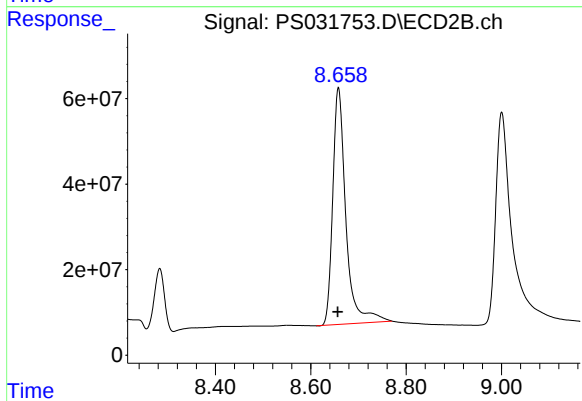
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 203579703
Conc: 72.68 ug/ml



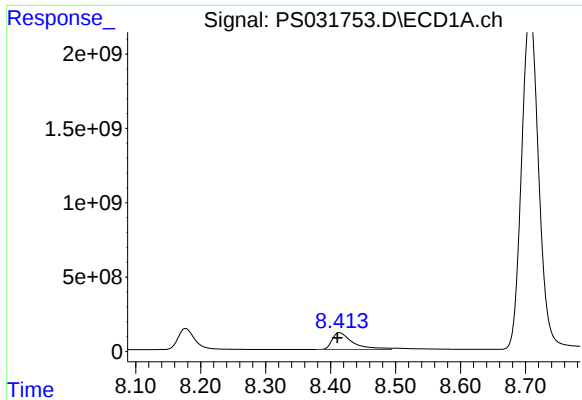
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2537727766
Conc: 712.49 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 1060832223
Conc: 729.06 ng/ml



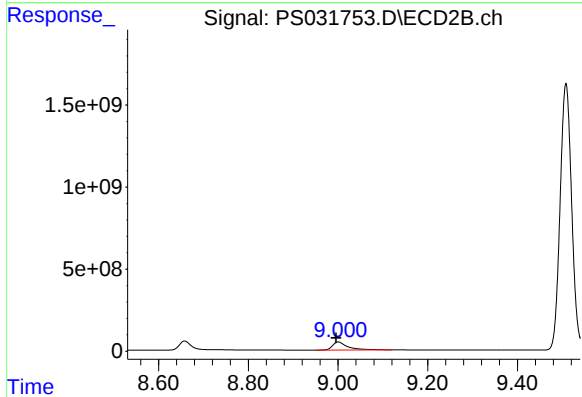
#9 2,4-D

R.T.: 8.413 min
Delta R.T.: 0.003 min
Response: 2517645381
Conc: 734.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

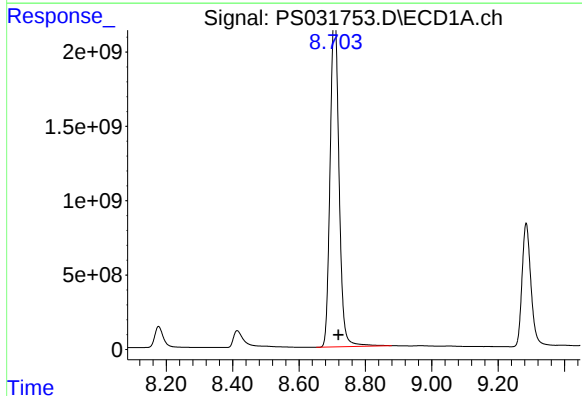
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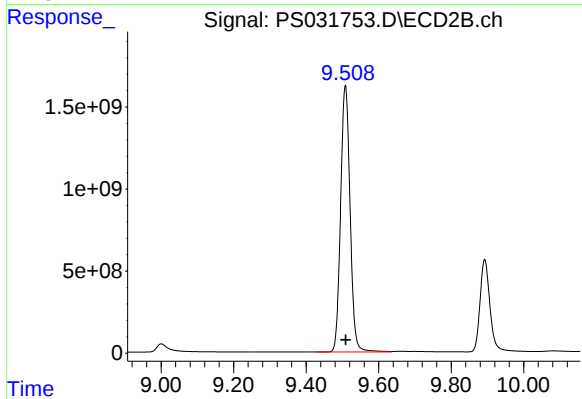
#9 2,4-D

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 1152129476
Conc: 700.34 ng/ml



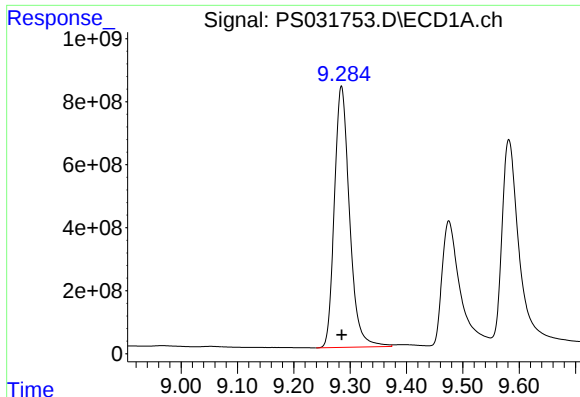
#10 Pentachlorophenol

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 41409271162
Conc: 779.93 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.001 min
Response: 29417678394
Conc: 741.18 ng/ml



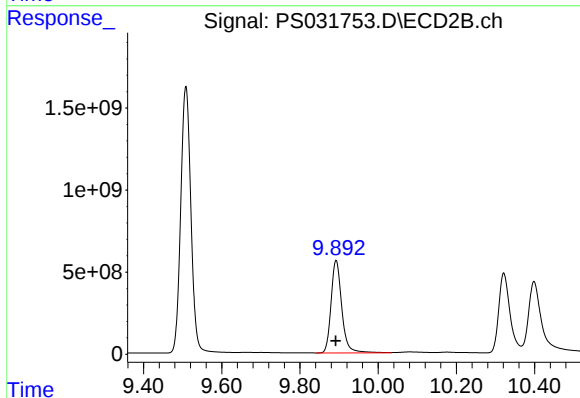
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 15487273734
Conc: 738.41 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

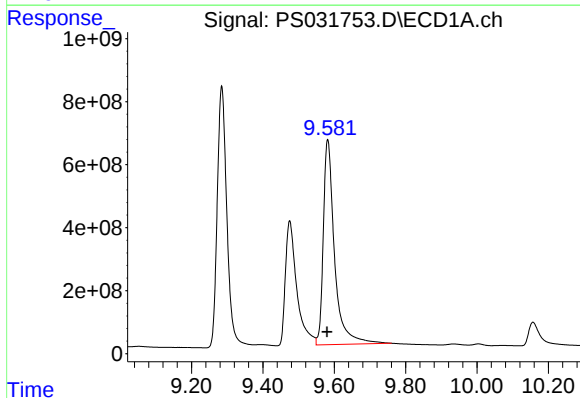
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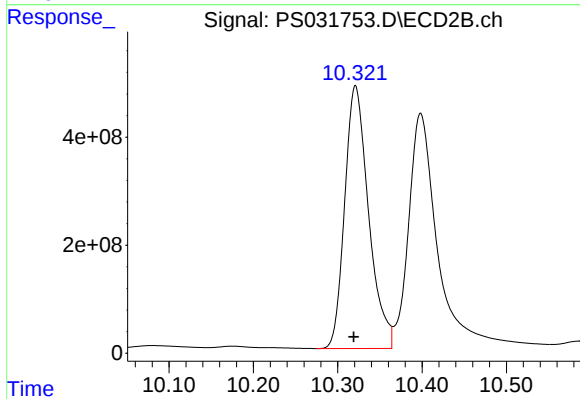
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 10773994342
Conc: 715.67 ng/ml



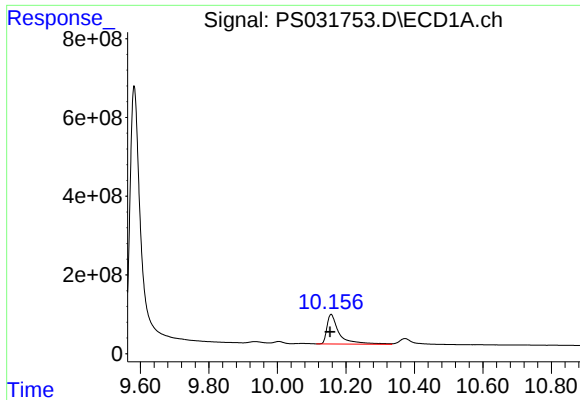
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.002 min
Response: 14248444034
Conc: 778.68 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.002 min
Response: 9581389408
Conc: 712.00 ng/ml



#13 2,4-DB

R.T.: 10.157 min
Delta R.T.: 0.002 min
Response: 1865537983
Conc: 799.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

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#13 2,4-DB

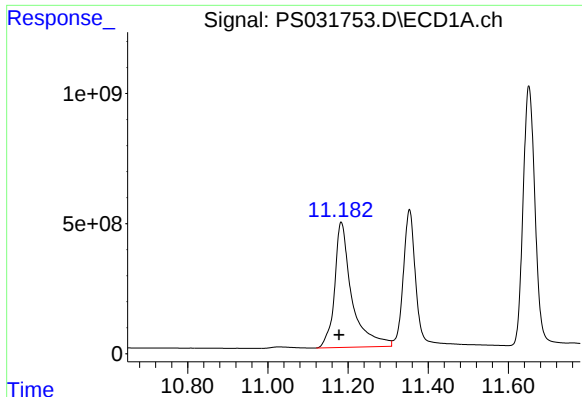
R.T.: 10.890 min
Delta R.T.: 0.003 min
Response: 706803474
Conc: 660.54 ng/ml

#14 DINOSEB

R.T.: 11.353 min
Delta R.T.: -0.001 min
Response: 11183268295
Conc: 775.39 ng/ml

#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7540084979
Conc: 775.67 ng/ml



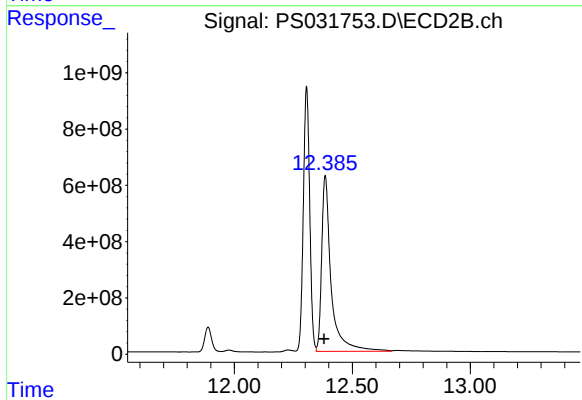
#15 Picloram

R.T.: 11.183 min
Delta R.T.: 0.005 min
Response: 14410880739
Conc: 800.11 ng/ml

Instrument :
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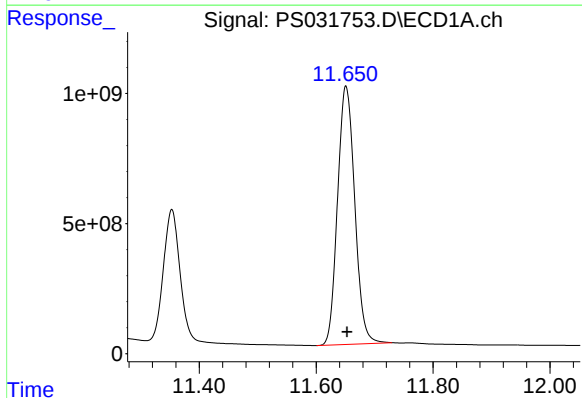
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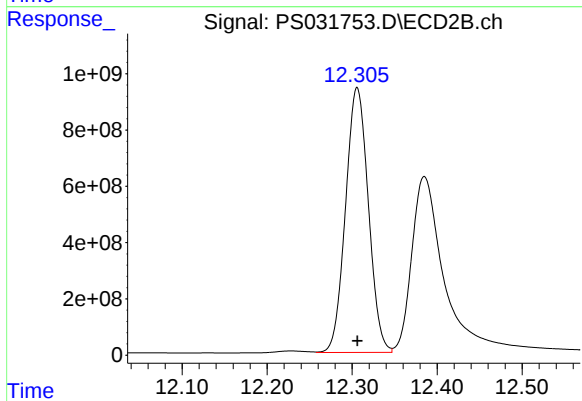
#15 Picloram

R.T.: 12.385 min
Delta R.T.: 0.006 min
Response: 17467034381
Conc: 737.53 ng/ml



#16 DCPA

R.T.: 11.651 min
Delta R.T.: -0.002 min
Response: 20275230226
Conc: 752.33 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 17562834790
Conc: 728.62 ng/ml