

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120325\
 Data File : PS032605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2025 23:23
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/04/2025
 Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 01:04:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Wed Dec 03 13:46:29 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	7.011	7.381	3430.0E6	3732.5E6	620.962	696.199
Target Compounds							
1) T	Dalapon	2.478	2.456	5618.1E6	4977.9E6	663.472	682.003
2) T	3,5-DICHL...	6.204	6.373	4955.6E6	4289.5E6	668.119m	702.197
3) T	4-Nitroph...	6.829f	6.951	1137.9E6	1623.6E6	906.949m	679.632 #
5) T	DICAMBA	7.187	7.574	15206.9E6	13594.7E6	684.431	685.220
6) T	MCPD	7.363	7.676	975.3E6	914.2E6	77.349m	68.200m
7) T	MCPA	7.512	7.922	1156.0E6	1095.4E6	71.494	65.969
8) T	DICHLORPROP	7.880	8.279	3626.8E6	3309.0E6	672.914	666.078
9) T	2,4-D	8.115	8.615	4239.3E6	3655.8E6	694.331	650.908
10) T	Pentachlo...	8.385	9.082	48371.9E6	41263.3E6	659.713	675.362
11) T	2,4,5-TP ...	8.960	9.484	22566.9E6	18594.5E6	675.362	648.150
12) T	2,4,5-T	9.255	9.911	24891.7E6	18116.8E6	592.065	648.741
13) T	2,4-DB	9.818	10.468	2948.4E6	2949.1E6	945.268m	723.967
14) T	DINOSEB	10.998	10.856	15434.4E6	11645.7E6	559.700	643.958
15) T	Picloram	10.837	11.974	30224.9E6	23076.9E6	768.210	641.088
16) T	DCPA	11.288	11.861	27037.7E6	21559.6E6	674.817	633.690

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

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Acq On : 03 Dec 2025 23:23
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

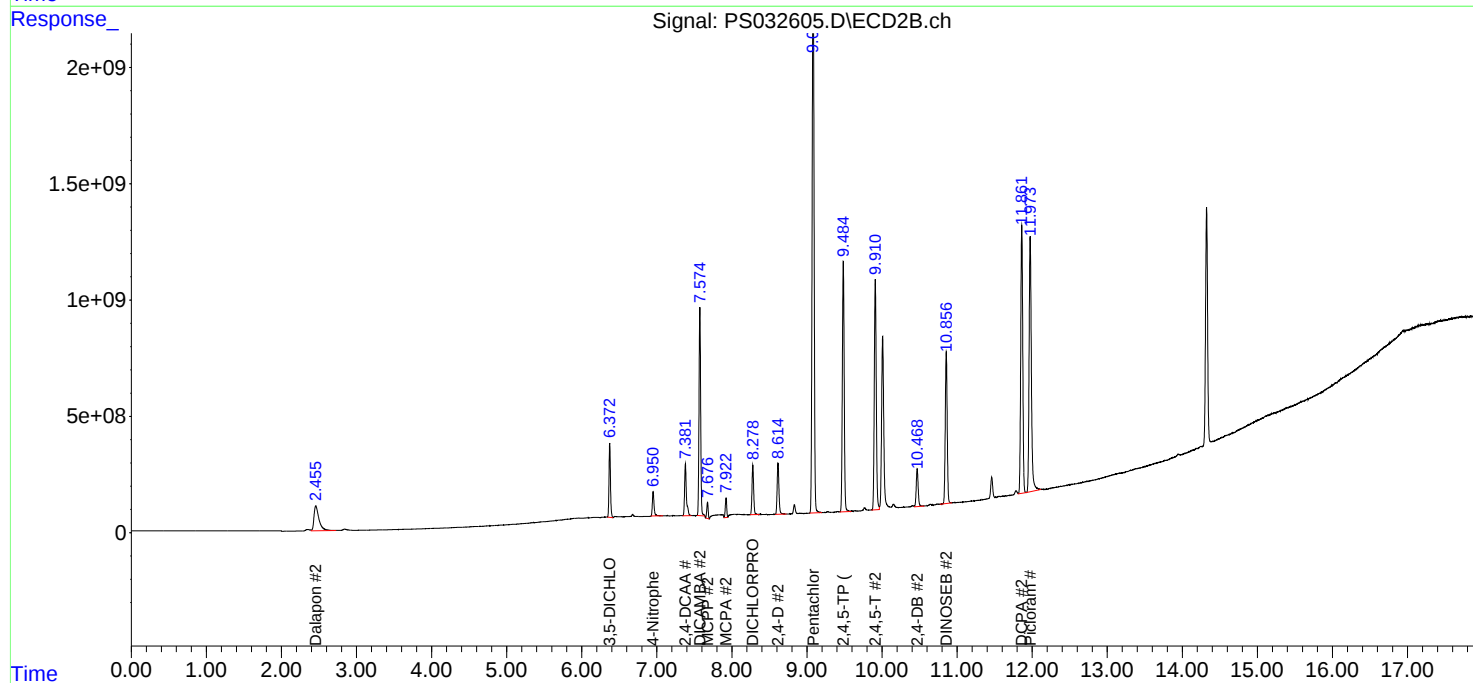
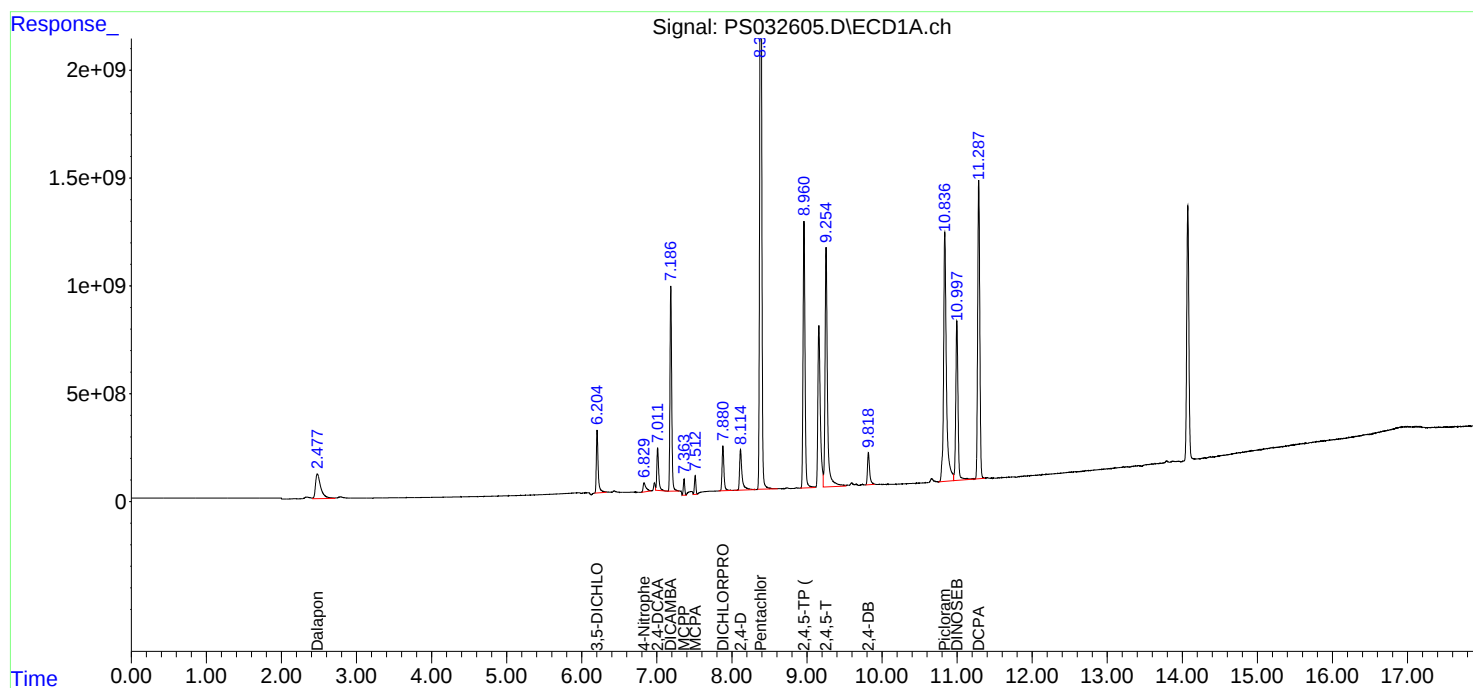
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

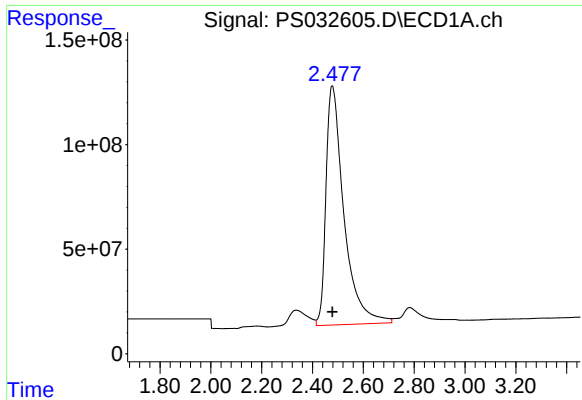
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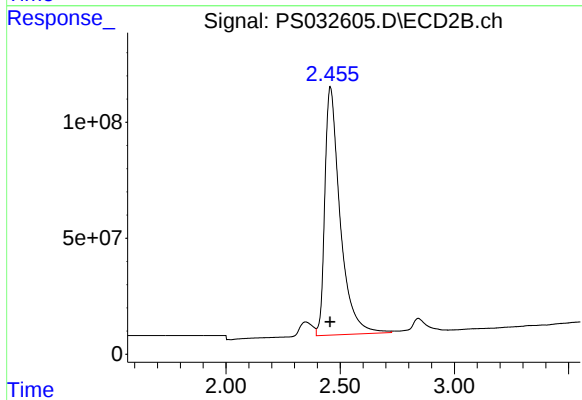
#1 Dalapon

R.T.: 2.478 min
Delta R.T.: 0.000 min
Response: 5618051538
Conc: 663.47 ng/ml

Instrument :
ECD_S
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HSTDCCC750

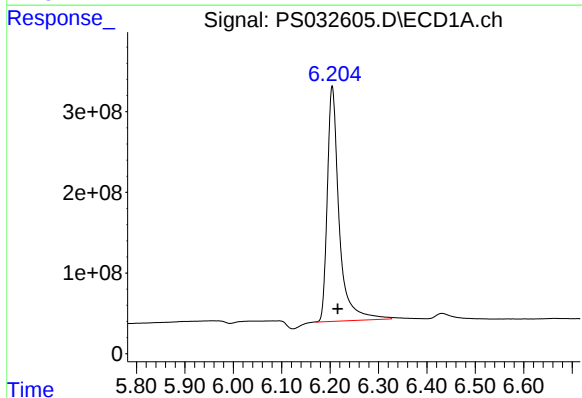
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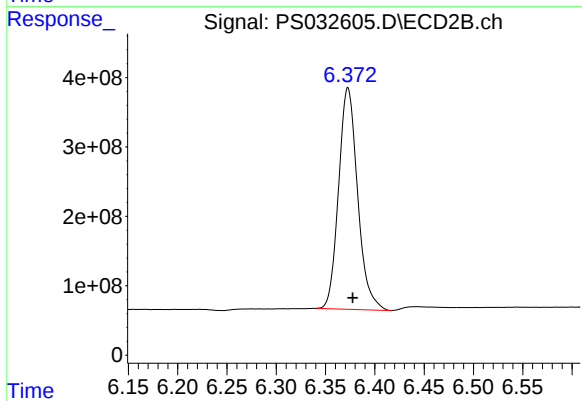
#1 Dalapon

R.T.: 2.456 min
Delta R.T.: 0.000 min
Response: 4977902965
Conc: 682.00 ng/ml



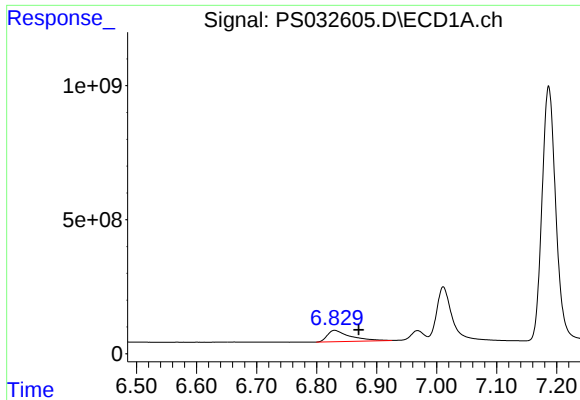
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.204 min
Delta R.T.: -0.012 min
Response: 4955556256
Conc: 668.12 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 4289470853
Conc: 702.20 ng/ml



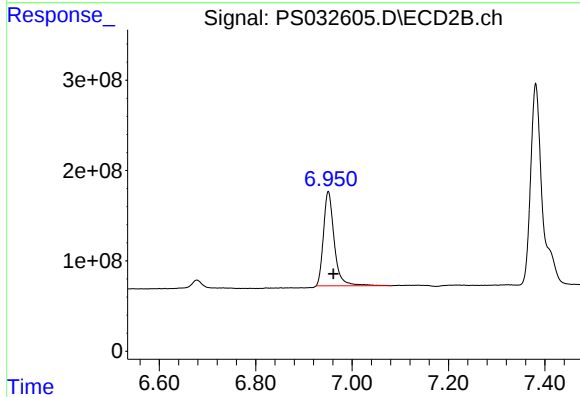
#3 4-Nitrophenol

R.T.: 6.829 min
Delta R.T.: -0.041 min
Response: 1137860285
Conc: 906.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

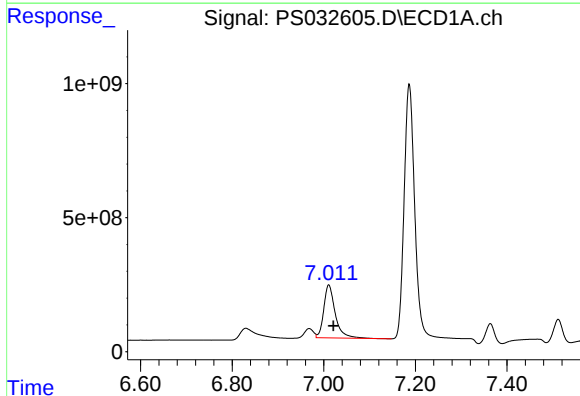
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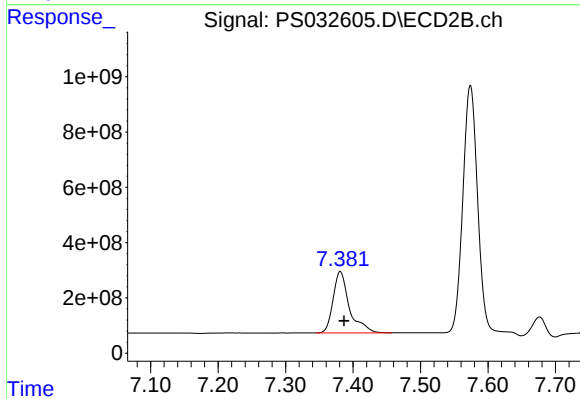
#3 4-Nitrophenol

R.T.: 6.951 min
Delta R.T.: -0.010 min
Response: 1623583030
Conc: 679.63 ng/ml



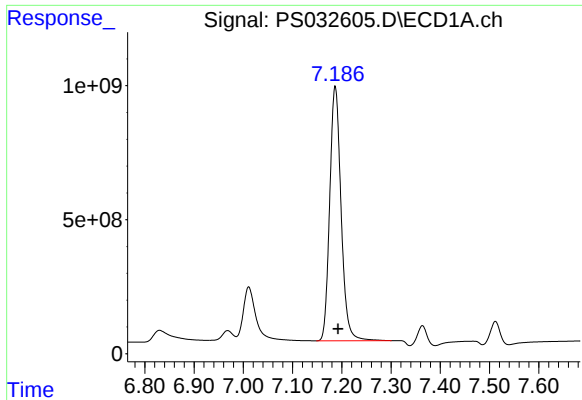
#4 2,4-DCAA

R.T.: 7.011 min
Delta R.T.: -0.010 min
Response: 3429977107
Conc: 620.96 ng/ml



#4 2,4-DCAA

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 3732473598
Conc: 696.20 ng/ml



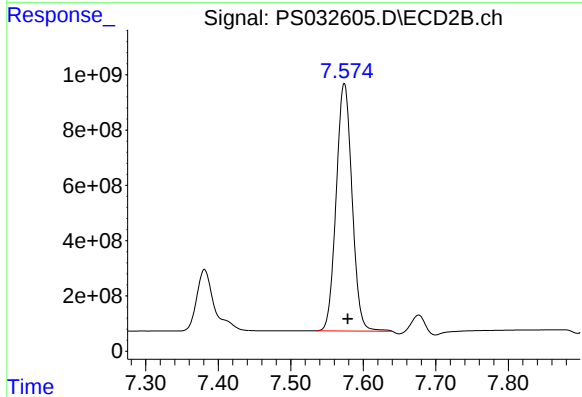
#5 DICAMBA

R.T.: 7.187 min
Delta R.T.: -0.006 min
Response: 15206931070
Conc: 684.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

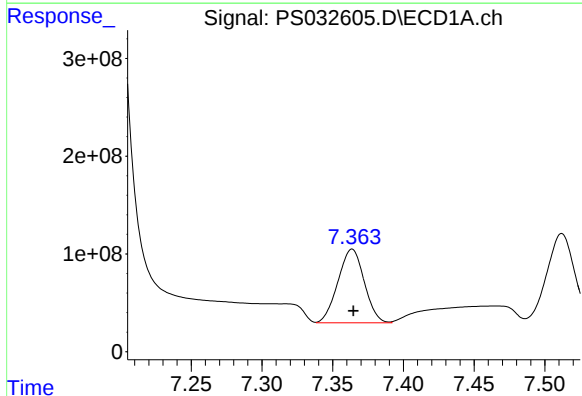
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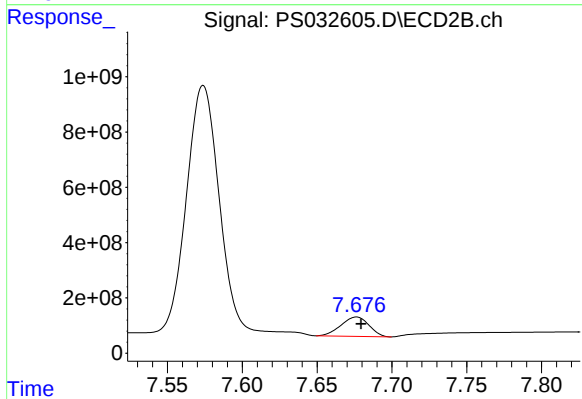
#5 DICAMBA

R.T.: 7.574 min
Delta R.T.: -0.005 min
Response: 13594669236
Conc: 685.22 ng/ml



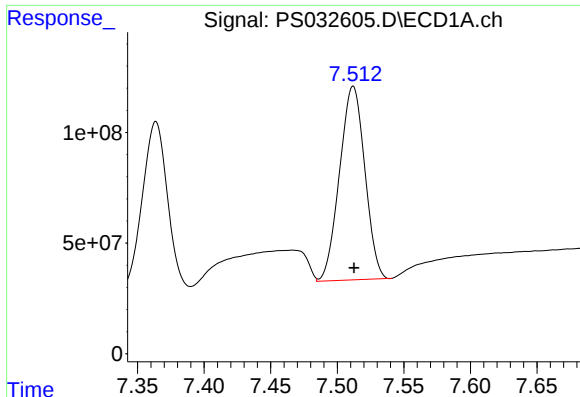
#6 MCP

R.T.: 7.363 min
Delta R.T.: -0.001 min
Response: 975326253
Conc: 77.35 ug/ml m



#6 MCP

R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 914165511
Conc: 68.20 ug/ml m



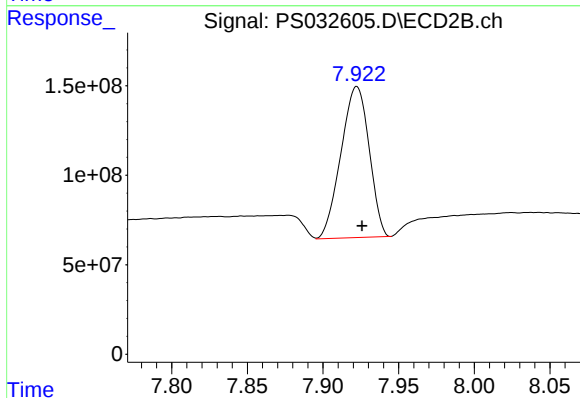
#7 MCPA

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 1156023744
Conc: 71.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

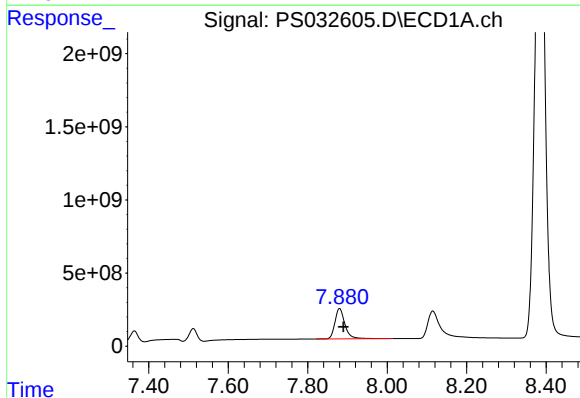
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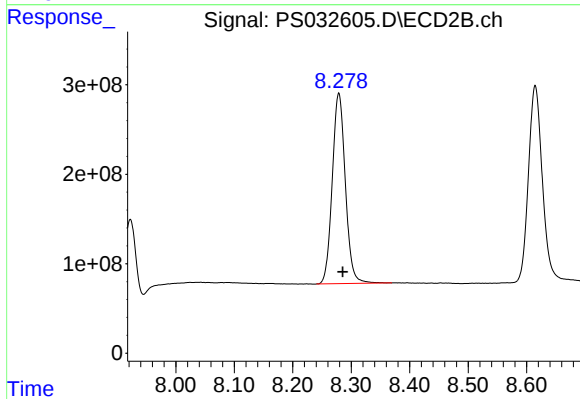
#7 MCPA

R.T.: 7.922 min
Delta R.T.: -0.004 min
Response: 1095442130
Conc: 65.97 ug/ml



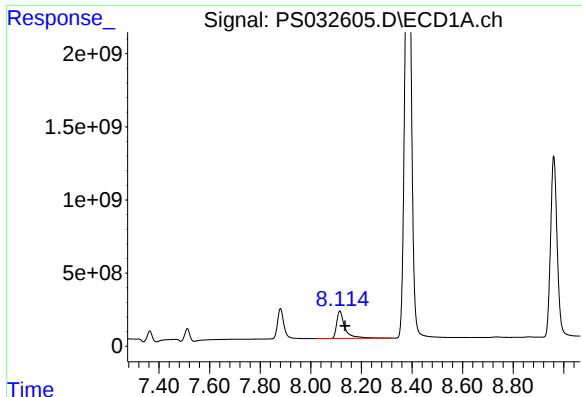
#8 DICHLORPROP

R.T.: 7.880 min
Delta R.T.: -0.009 min
Response: 3626824325
Conc: 672.91 ng/ml



#8 DICHLORPROP

R.T.: 8.279 min
Delta R.T.: -0.007 min
Response: 3308955554
Conc: 666.08 ng/ml



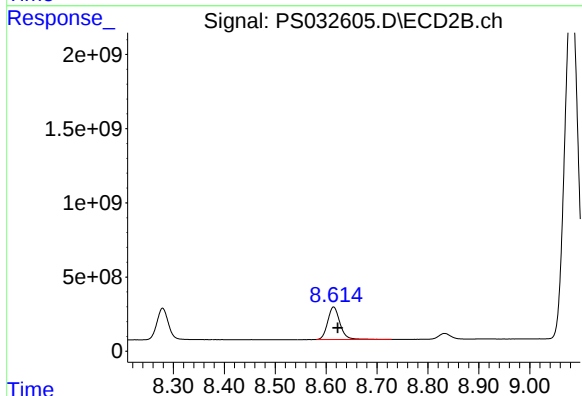
#9 2,4-D

R.T.: 8.115 min
Delta R.T.: -0.020 min
Response: 4239347702
Conc: 694.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

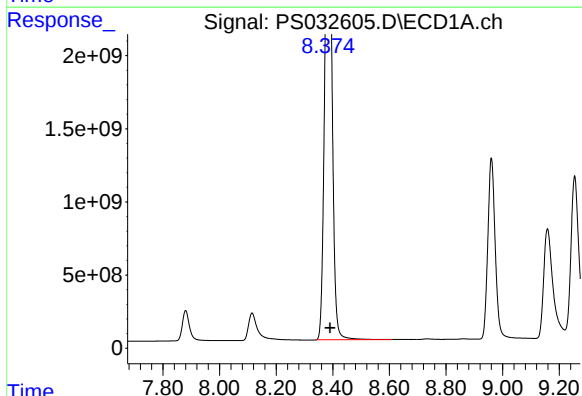
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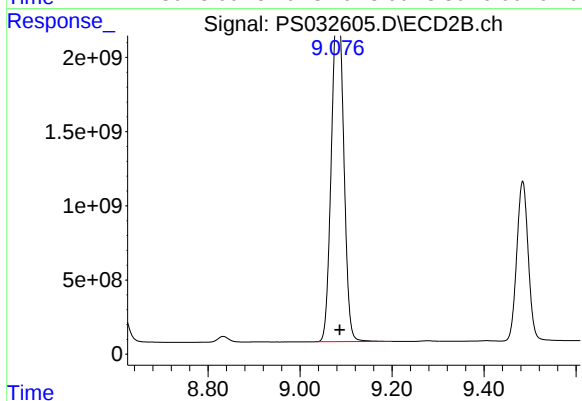
#9 2,4-D

R.T.: 8.615 min
Delta R.T.: -0.008 min
Response: 3655778454
Conc: 650.91 ng/ml



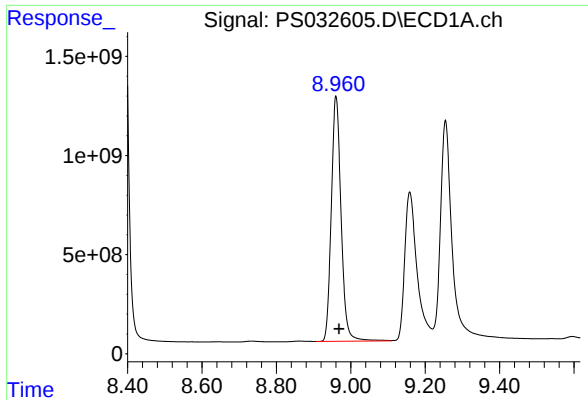
#10 Pentachlorophenol

R.T.: 8.385 min
Delta R.T.: -0.006 min
Response: 48371874270
Conc: 659.71 ng/ml



#10 Pentachlorophenol

R.T.: 9.082 min
Delta R.T.: -0.004 min
Response: 41263264410
Conc: 675.36 ng/ml



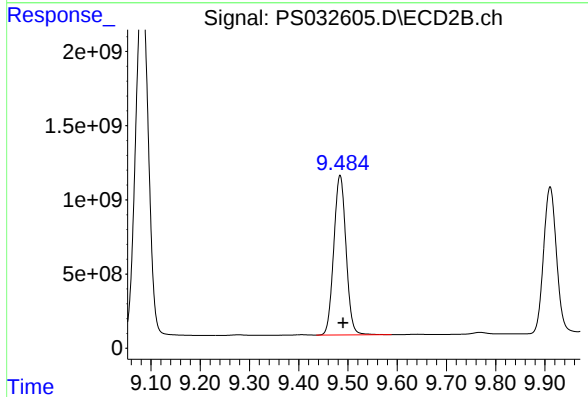
#11 2,4,5-TP (SILVEX)

R.T.: 8.960 min
Delta R.T.: -0.008 min
Response: 22566850346
Conc: 675.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

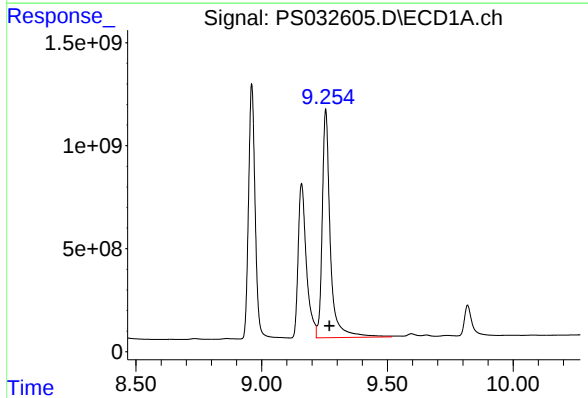
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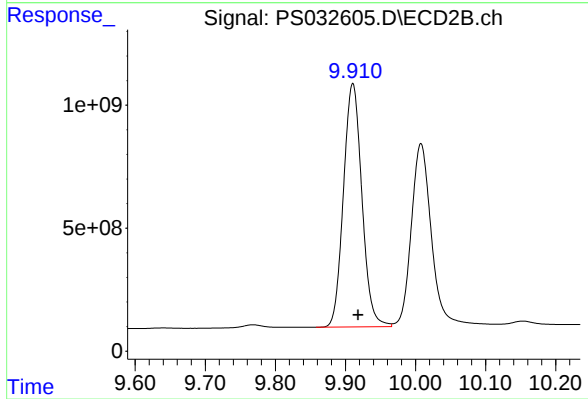
#11 2,4,5-TP (SILVEX)

R.T.: 9.484 min
Delta R.T.: -0.006 min
Response: 18594471142
Conc: 648.15 ng/ml



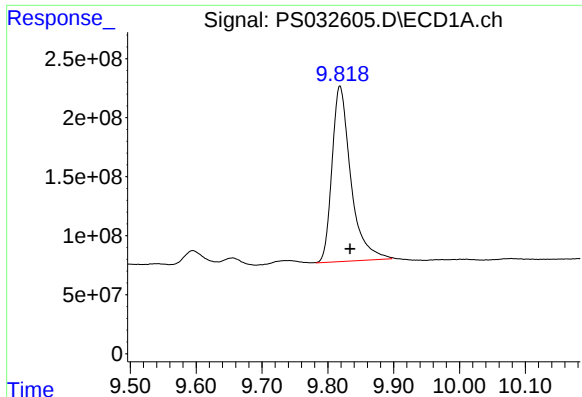
#12 2,4,5-T

R.T.: 9.255 min
Delta R.T.: -0.014 min
Response: 24891697841
Conc: 592.06 ng/ml



#12 2,4,5-T

R.T.: 9.911 min
Delta R.T.: -0.008 min
Response: 18116847217
Conc: 648.74 ng/ml



#13 2,4-DB

R.T.: 9.818 min
Delta R.T.: -0.016 min
Response: 2948397716
Conc: 945.27 ng/ml

Instrument :

ECD_S

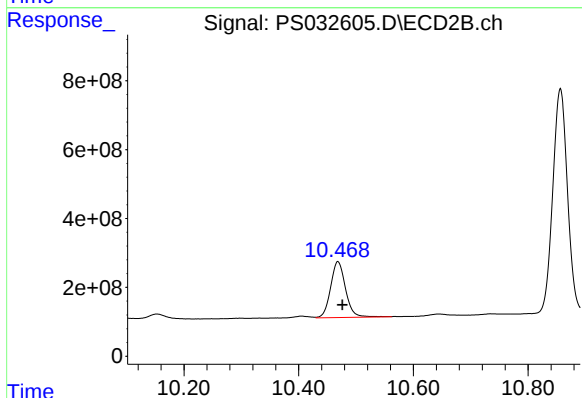
ClientSampleId :

HSTDCCC750

Manual Integrations

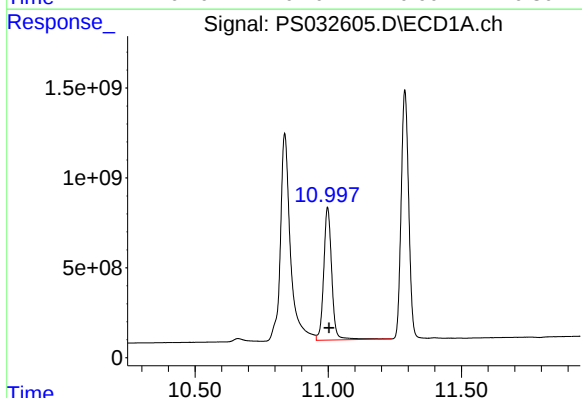
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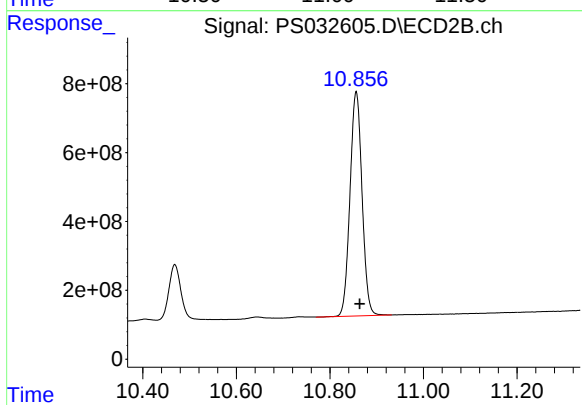
#13 2,4-DB

R.T.: 10.468 min
Delta R.T.: -0.008 min
Response: 2949120913
Conc: 723.97 ng/ml



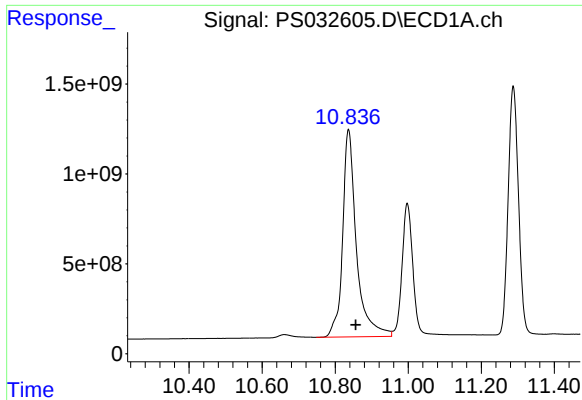
#14 DINOSEB

R.T.: 10.998 min
Delta R.T.: -0.005 min
Response: 15434350637
Conc: 559.70 ng/ml



#14 DINOSEB

R.T.: 10.856 min
Delta R.T.: -0.008 min
Response: 11645682878
Conc: 643.96 ng/ml



#15 Picloram

R.T.: 10.837 min
Delta R.T.: -0.019 min
Response: 3022488668
Conc: 768.21 ng/ml

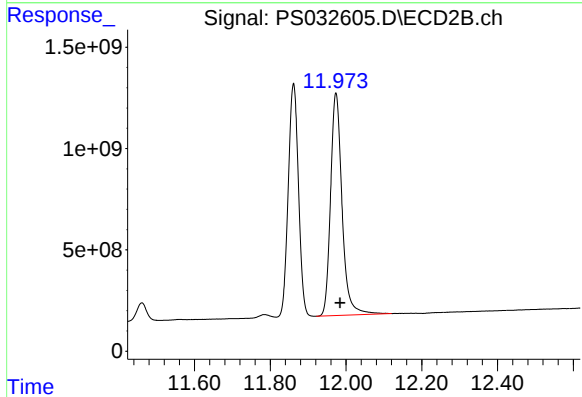
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ECD_S

ClientSampleId :
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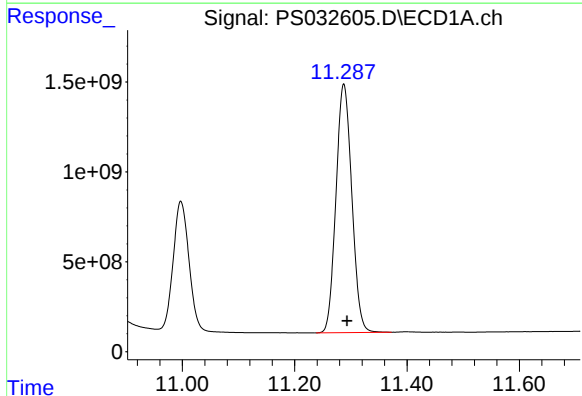
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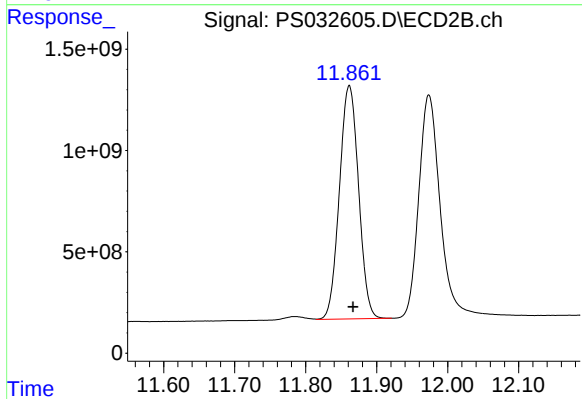
#15 Picloram

R.T.: 11.974 min
Delta R.T.: -0.011 min
Response: 2307691111
Conc: 641.09 ng/ml



#16 DCPA

R.T.: 11.288 min
Delta R.T.: -0.005 min
Response: 27037699715
Conc: 674.82 ng/ml



#16 DCPA

R.T.: 11.861 min
Delta R.T.: -0.006 min
Response: 21559630866
Conc: 633.69 ng/ml