

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS110625\
 Data File : PS032288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 15:23
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 01:07:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS110325.M
 Quant Title : 8080.M
 QLast Update : Tue Nov 04 04:59:50 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	7.280	7.613	3172.5E6	2647.7E6	700.130	726.288
Target Compounds							
1) T	Dalapon	2.656	2.604	4396.0E6	4357.8E6	612.359	626.660
2) T	3,5-DICHL...	6.447	6.581	4230.5E6	3916.8E6	654.255	651.829
3) T	4-Nitroph...	7.093	7.172	1043.8E6	1601.4E6	777.513	705.467
5) T	DICAMBA	7.463	7.805	12355.3E6	11407.2E6	654.893	660.427
6) T	MCPD	7.640	7.902	721.4E6	890.9E6	66.240	66.977
7) T	MCPA	7.789	8.147	901.0E6	1040.3E6	67.113	63.806
8) T	DICHLORPROP	8.169	8.518	2830.3E6	3106.8E6	636.209	651.431
9) T	2,4-D	8.407	8.858	3008.3E6	3464.2E6	666.769	660.388
10) T	Pentachlo...	8.703	9.354	44875.3E6	41271.7E6	715.268	703.063
11) T	2,4,5-TP ...	9.275	9.741	17335.1E6	17613.9E6	666.437	655.916
12) T	2,4,5-T	9.573	10.168	16418.4E6	16428.0E6	688.742	692.637
13) T	2,4-DB	10.150	10.732	1935.5E6	2512.5E6	734.489	666.207
14) T	DINOSEB	11.342	11.102	13332.2E6	11570.1E6	640.738	654.146
15) T	Picloram	11.177	12.220	14865.7E6	21258.4E6	700.366	571.739
16) T	DCPA	11.641	12.136	22565.1E6	21181.5E6	672.540	664.818m

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

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Acq On : 06 Nov 2025 15:23
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

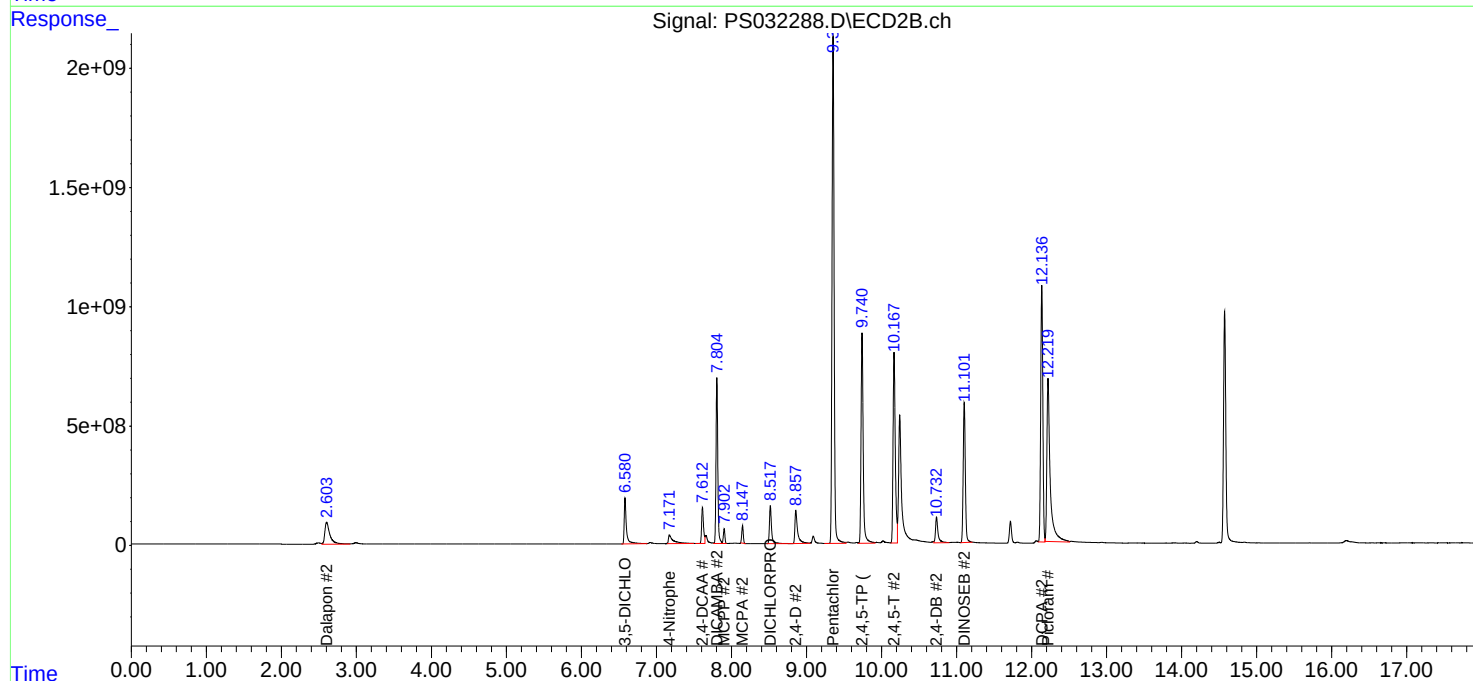
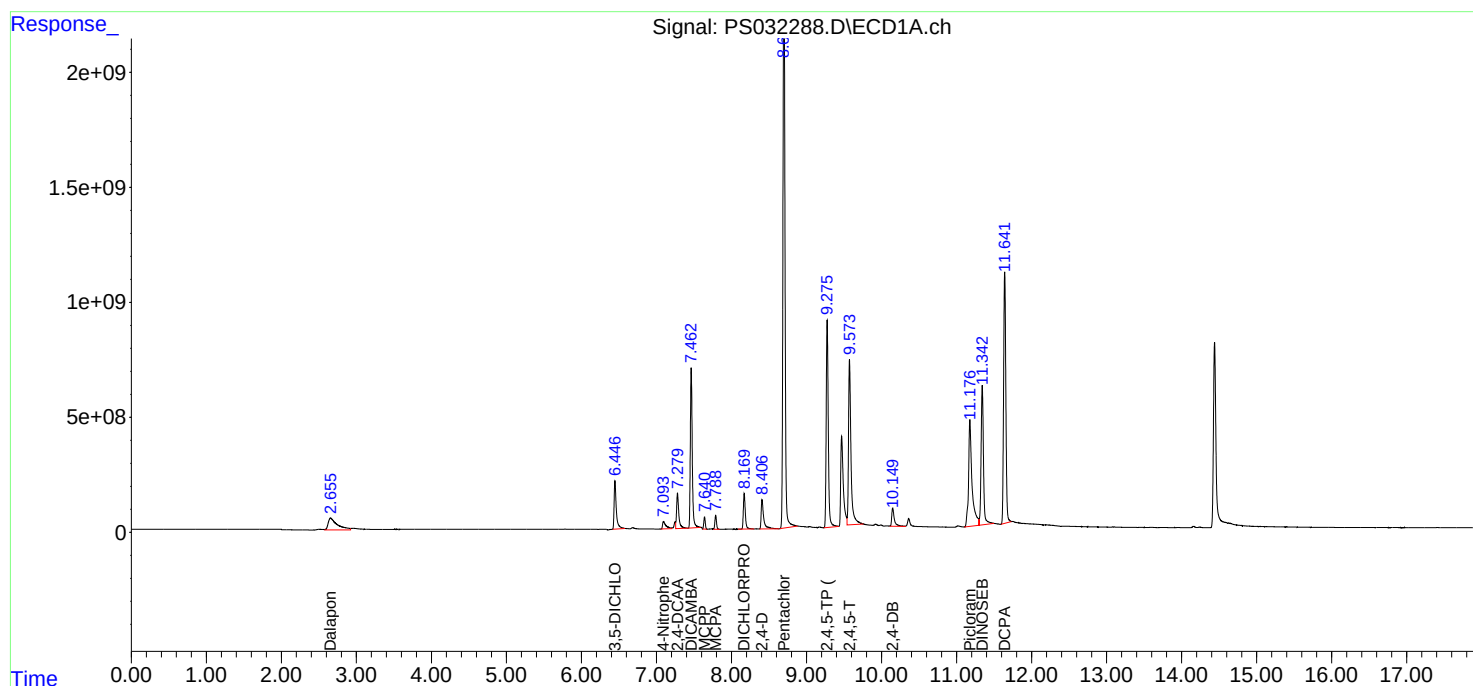
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

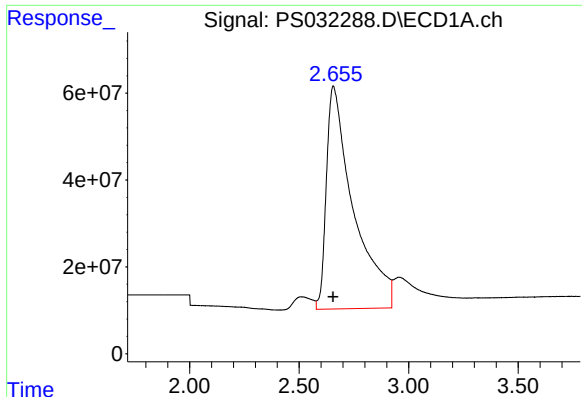
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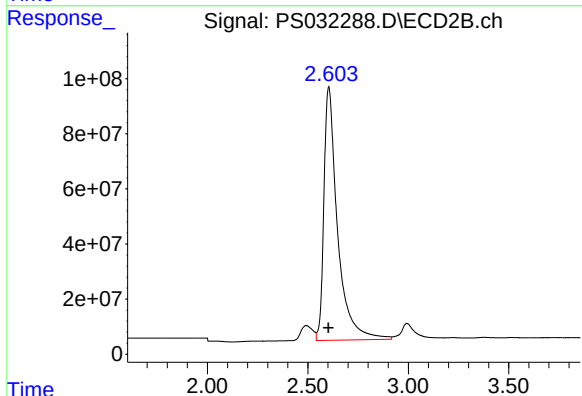
#1 Dalapon

R.T.: 2.656 min
Delta R.T.: 0.002 min
Response: 4395984355
Conc: 612.36 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

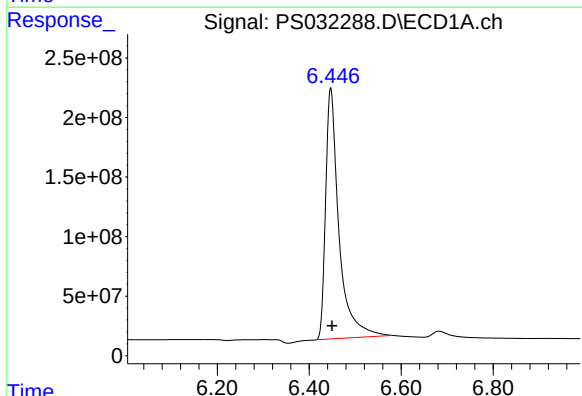
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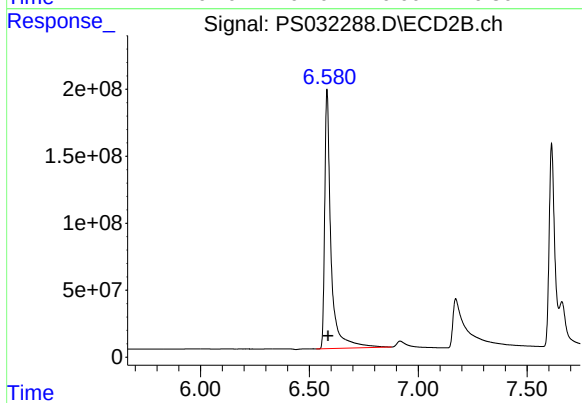
#1 Dalapon

R.T.: 2.604 min
Delta R.T.: 0.001 min
Response: 4357791521
Conc: 626.66 ng/ml



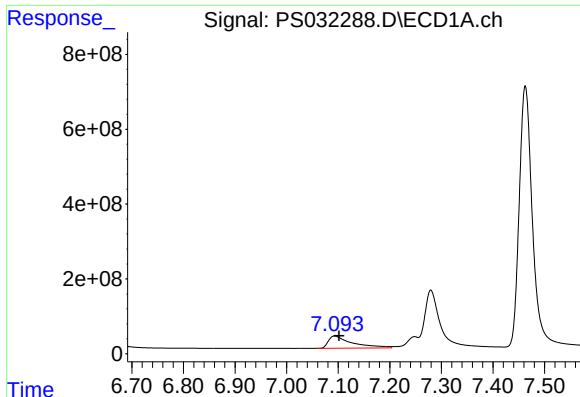
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 4230549410
Conc: 654.25 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.581 min
Delta R.T.: -0.004 min
Response: 3916801049
Conc: 651.83 ng/ml



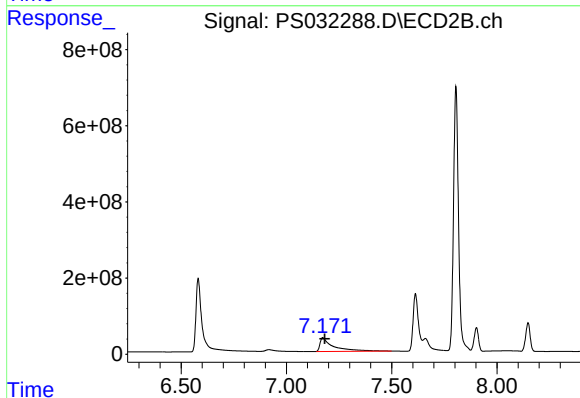
#3 4-Nitrophenol

R.T.: 7.093 min
Delta R.T.: -0.009 min
Response: 1043778143
Conc: 777.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

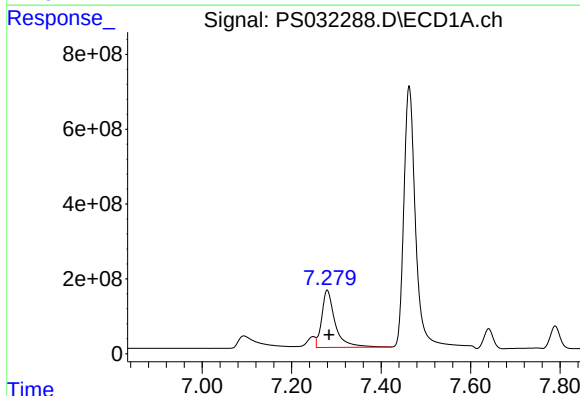
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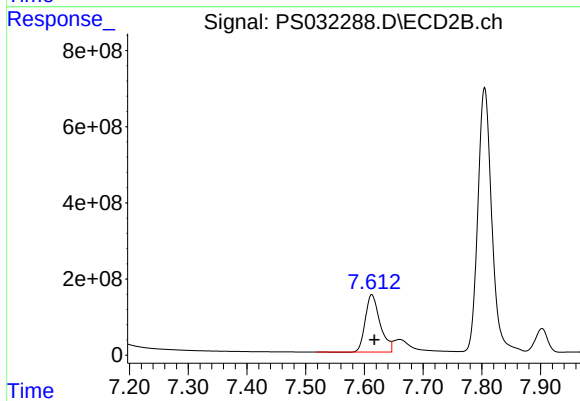
#3 4-Nitrophenol

R.T.: 7.172 min
Delta R.T.: -0.010 min
Response: 1601354141
Conc: 705.47 ng/ml



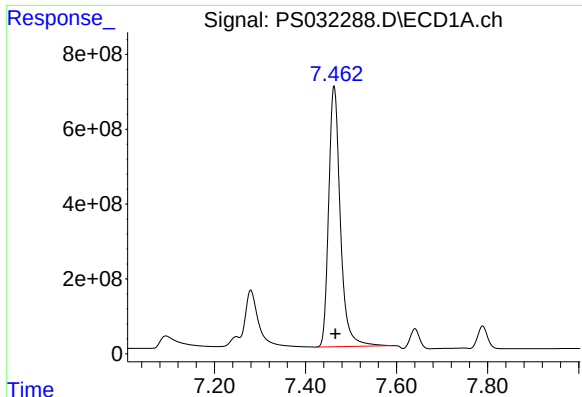
#4 2,4-DCAA

R.T.: 7.280 min
Delta R.T.: -0.004 min
Response: 3172482896
Conc: 700.13 ng/ml



#4 2,4-DCAA

R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 2647680367
Conc: 726.29 ng/ml



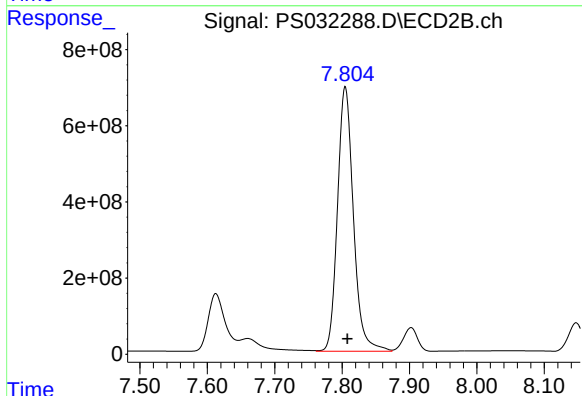
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.003 min
Response: 12355326099
Conc: 654.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

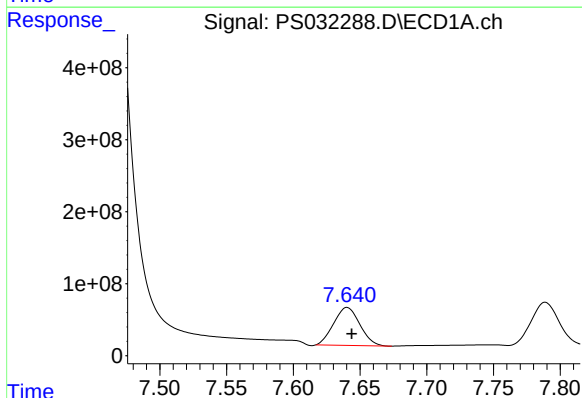
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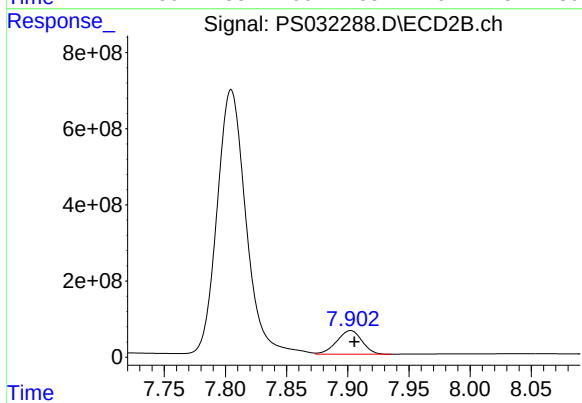
#5 DICAMBA

R.T.: 7.805 min
Delta R.T.: -0.003 min
Response: 11407192952
Conc: 660.43 ng/ml



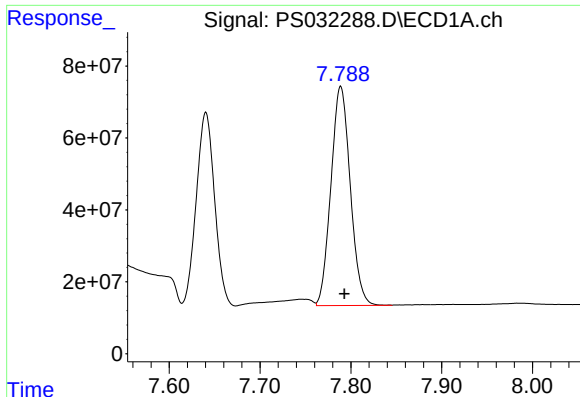
#6 MCP

R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 721359428
Conc: 66.24 ug/ml



#6 MCP

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 890855447
Conc: 66.98 ug/ml



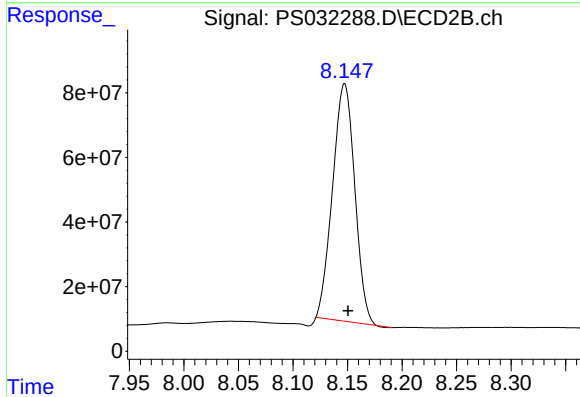
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.004 min
Response: 901045080
Conc: 67.11 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

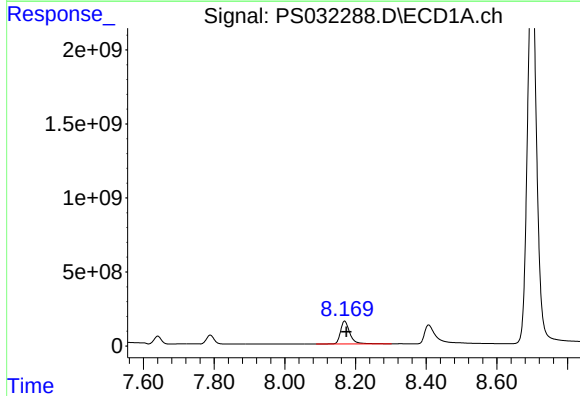
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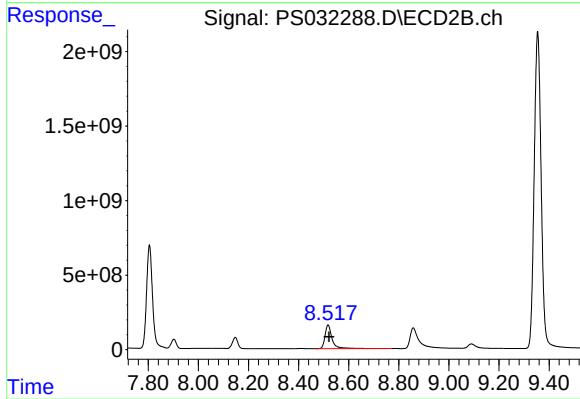
#7 MCPA

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 1040311526
Conc: 63.81 ug/ml



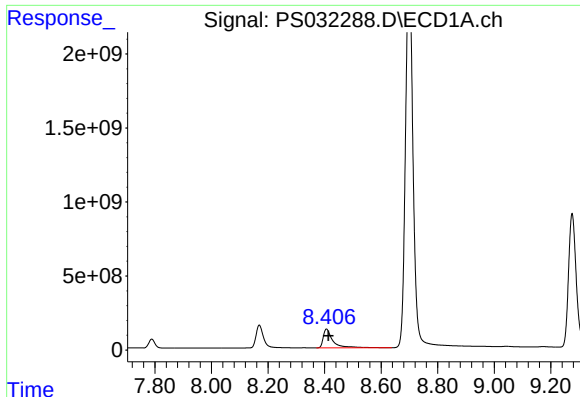
#8 DICHLORPROP

R.T.: 8.169 min
Delta R.T.: -0.005 min
Response: 2830341521
Conc: 636.21 ng/ml



#8 DICHLORPROP

R.T.: 8.518 min
Delta R.T.: -0.004 min
Response: 3106765679
Conc: 651.43 ng/ml



#9 2,4-D

R.T.: 8.407 min
Delta R.T.: -0.007 min
Response: 3008337856
Conc: 666.77 ng/ml

Instrument :

ECD_S

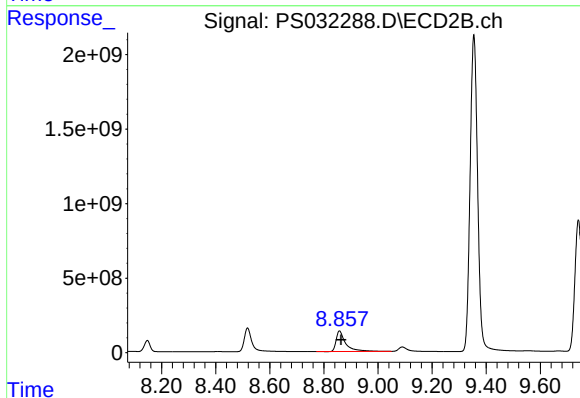
ClientSampleId :

HSTDCCC750

Manual Integrations

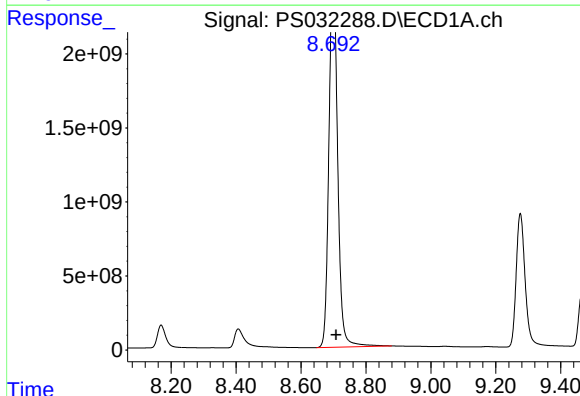
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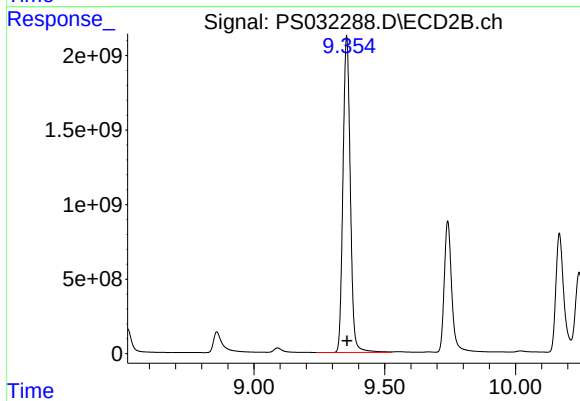
#9 2,4-D

R.T.: 8.858 min
Delta R.T.: -0.006 min
Response: 3464169934
Conc: 660.39 ng/ml



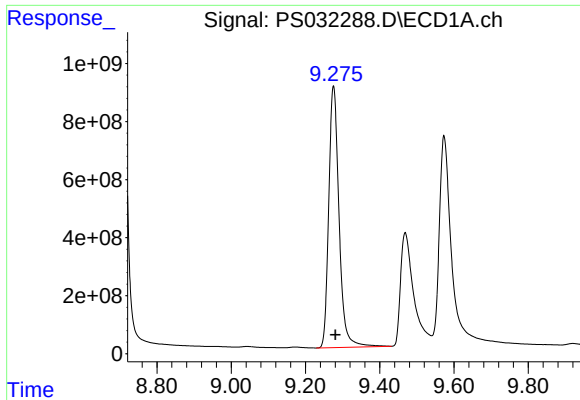
#10 Pentachlorophenol

R.T.: 8.703 min
Delta R.T.: -0.005 min
Response: 44875311987
Conc: 715.27 ng/ml



#10 Pentachlorophenol

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 41271694585
Conc: 703.06 ng/ml



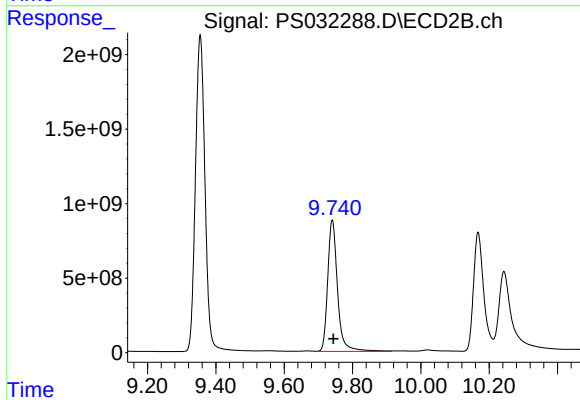
#11 2,4,5-TP (SILVEX)

R.T.: 9.275 min
Delta R.T.: -0.005 min
Response: 17335057671
Conc: 666.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

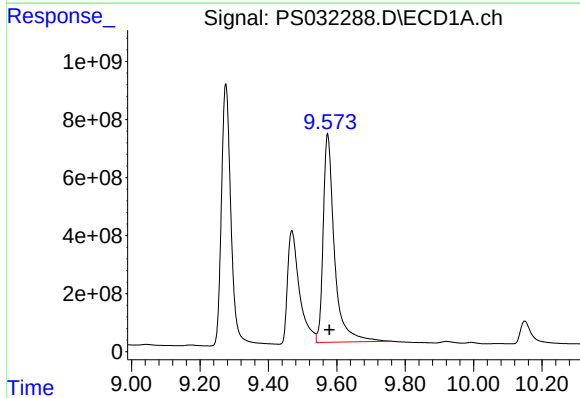
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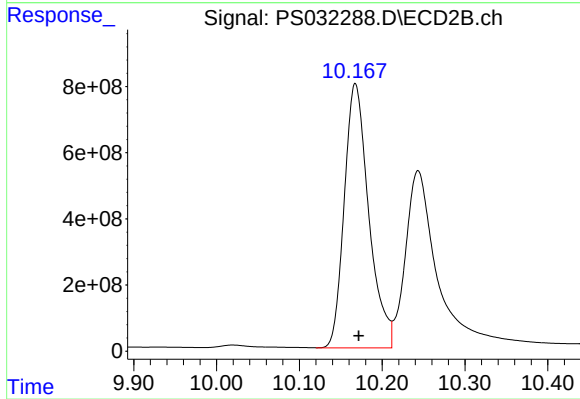
#11 2,4,5-TP (SILVEX)

R.T.: 9.741 min
Delta R.T.: -0.003 min
Response: 17613901921
Conc: 655.92 ng/ml



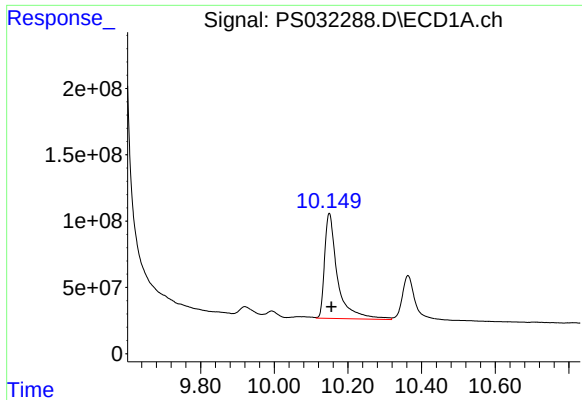
#12 2,4,5-T

R.T.: 9.573 min
Delta R.T.: -0.005 min
Response: 16418388847
Conc: 688.74 ng/ml



#12 2,4,5-T

R.T.: 10.168 min
Delta R.T.: -0.004 min
Response: 16427991440
Conc: 692.64 ng/ml



#13 2,4-DB

R.T.: 10.150 min
Delta R.T.: -0.006 min
Response: 1935464185
Conc: 734.49 ng/ml

Instrument :

ECD_S

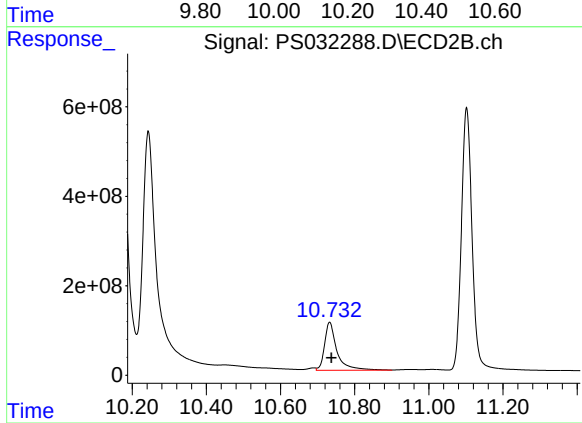
ClientSampleId :

HSTDCCC750

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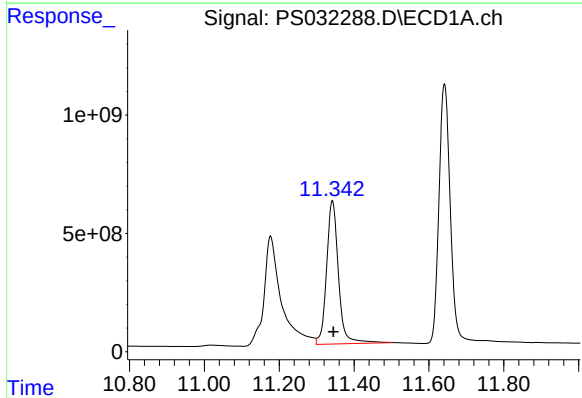
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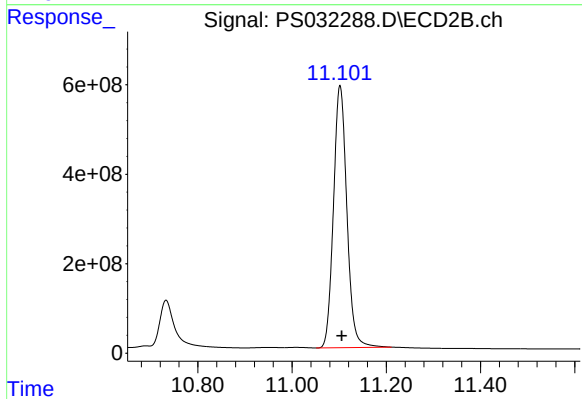
#13 2,4-DB

R.T.: 10.732 min
Delta R.T.: -0.005 min
Response: 2512492828
Conc: 666.21 ng/ml



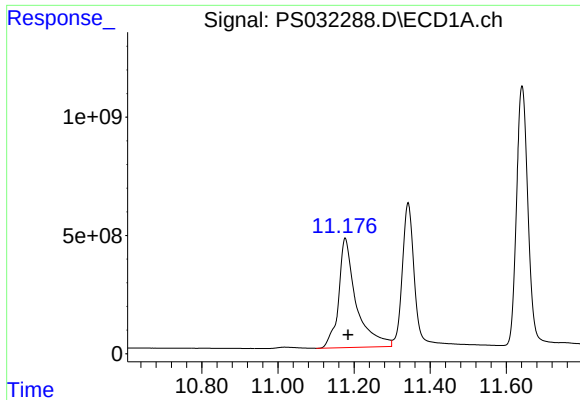
#14 DINOSEB

R.T.: 11.342 min
Delta R.T.: -0.003 min
Response: 13332206693
Conc: 640.74 ng/ml



#14 DINOSEB

R.T.: 11.102 min
Delta R.T.: -0.003 min
Response: 11570130663
Conc: 654.15 ng/ml



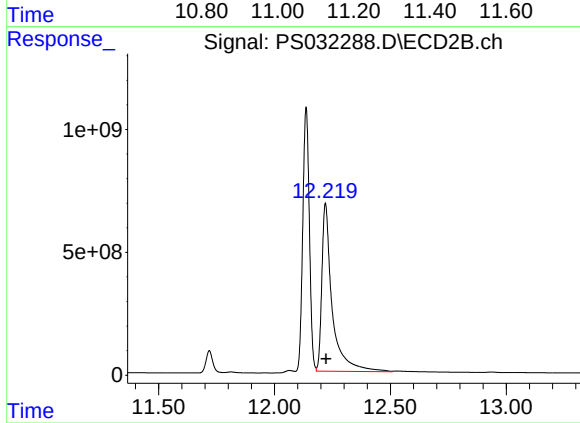
#15 Picloram

R.T.: 11.177 min
Delta R.T.: -0.007 min
Response: 14865658795
Conc: 700.37 ng/ml

Instrument :
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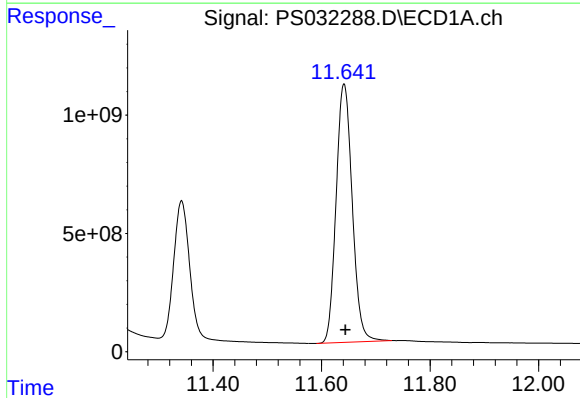
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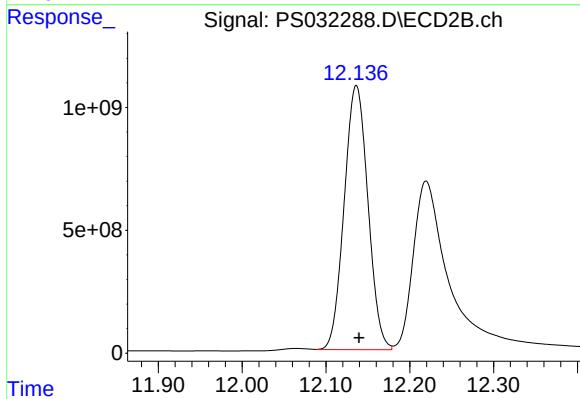
#15 Picloram

R.T.: 12.220 min
Delta R.T.: -0.004 min
Response: 21258441118
Conc: 571.74 ng/ml



#16 DCPA

R.T.: 11.641 min
Delta R.T.: -0.003 min
Response: 22565116182
Conc: 672.54 ng/ml



#16 DCPA

R.T.: 12.136 min
Delta R.T.: -0.004 min
Response: 21181462280
Conc: 664.82 ng/ml m