

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120825\
 Data File : PS032638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2025 22:48
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/09/2025
 Supervised By : Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 02:28:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120325.M
 Quant Title : 8080.M
 QLast Update : Tue Dec 09 02:16:54 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	7.007	7.370	3365.1E6	3602.1E6	609.225	671.890
Target Compounds							
1) T	Dalapon	2.476	2.453	5544.6E6	4779.0E6	654.800	654.751
2) T	3,5-DICHL...	6.201	6.365	4825.1E6	3936.1E6	650.536m	644.352
3) T	4-Nitroph...	6.830	6.938	971.3E6	1460.8E6	774.179m	611.509m
5) T	DICAMBA	7.182	7.561	15034.0E6	12575.5E6	676.647	633.852
6) T	MCPD	7.357	7.662	938.0E6	891.2E6	74.390m	66.484m
7) T	MCPA	7.506	7.908	1161.9E6	1032.5E6	71.859	62.180
8) T	DICHLORPROP	7.875	8.264	3635.6E6	3184.1E6	674.551	640.952m
9) T	2,4-D	8.111	8.600	4280.1E6	3523.3E6	701.006	627.328m
10) T	Pentachlo...	8.383	9.073	48592.5E6	39349.4E6	662.722	644.038
11) T	2,4,5-TP ...	8.954	9.469	22617.7E6	17920.0E6	676.883	624.640
12) T	2,4,5-T	9.249	9.894	25388.5E6	17280.7E6	603.883	618.801
13) T	2,4-DB	0.000	10.451	0	2927.8E6	N.D.	718.722
14) T	DINOSEB	10.988	10.835	15742.1E6	11166.5E6	570.861	617.462
15) T	Picloram	10.830	11.951	26218.5E6	18751.5E6	666.380	520.927
16) T	DCPA	11.279	11.844	27574.2E6	20711.1E6	688.207	608.749

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

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Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

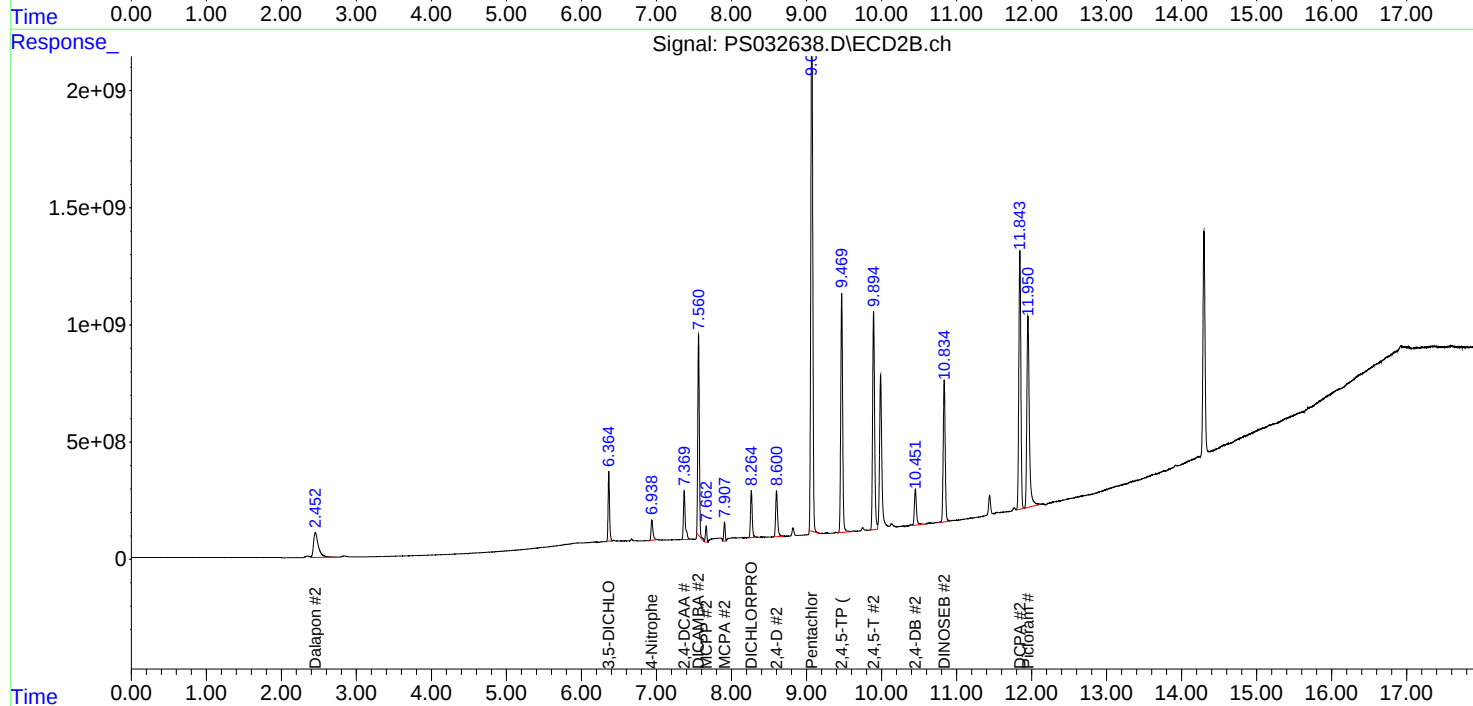
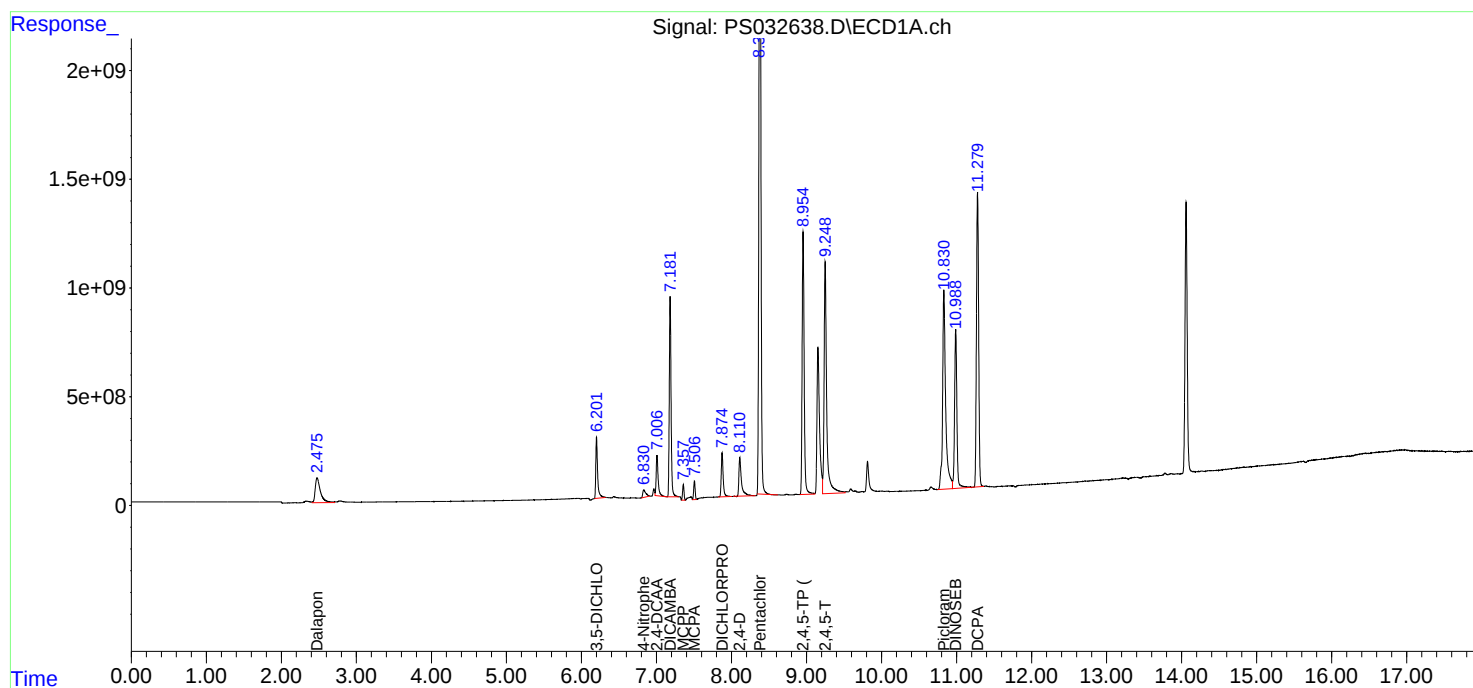
Instrument :
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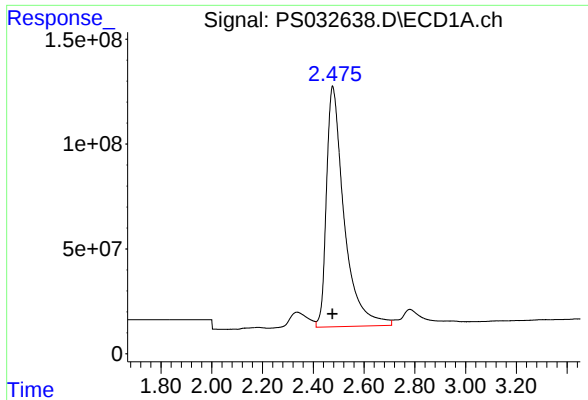
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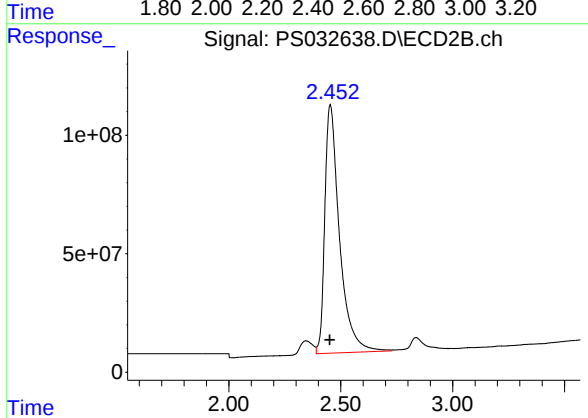
#1 Dalapon

R.T.: 2.476 min
Delta R.T.: 0.001 min
Response: 5544616786
Conc: 654.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

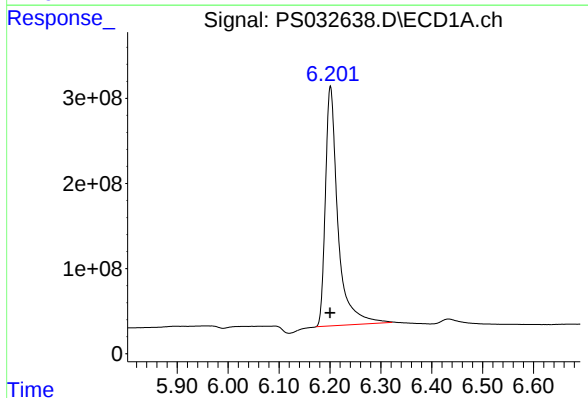
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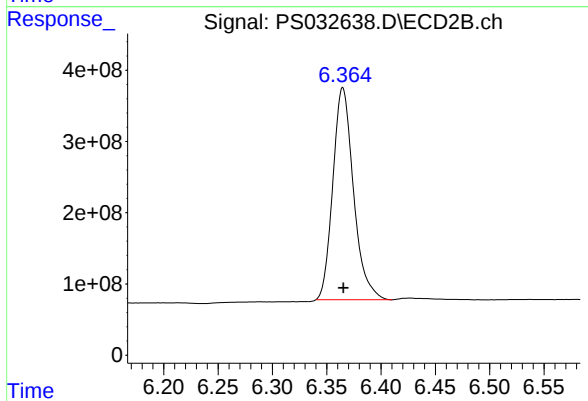
#1 Dalapon

R.T.: 2.453 min
Delta R.T.: 0.000 min
Response: 4778987664
Conc: 654.75 ng/ml



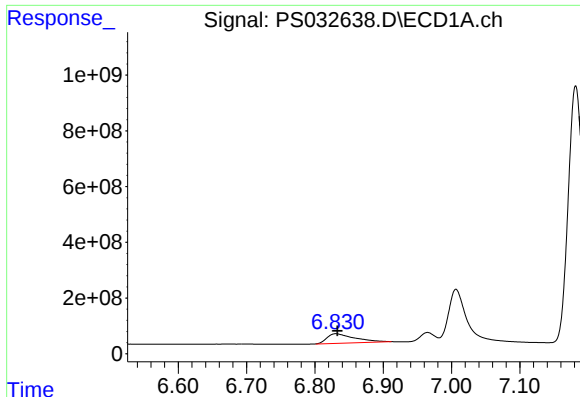
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 4825137776
Conc: 650.54 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 3936118863
Conc: 644.35 ng/ml



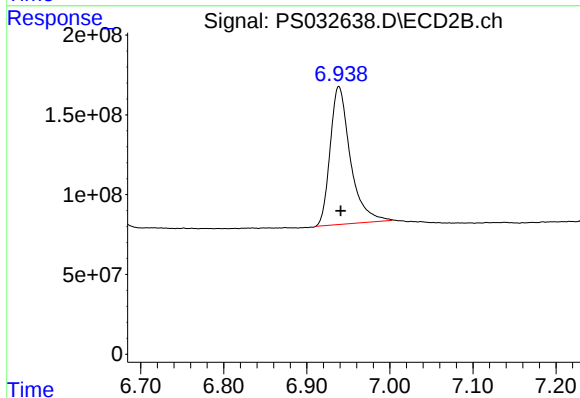
#3 4-Nitrophenol

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 971287195
Conc: 774.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

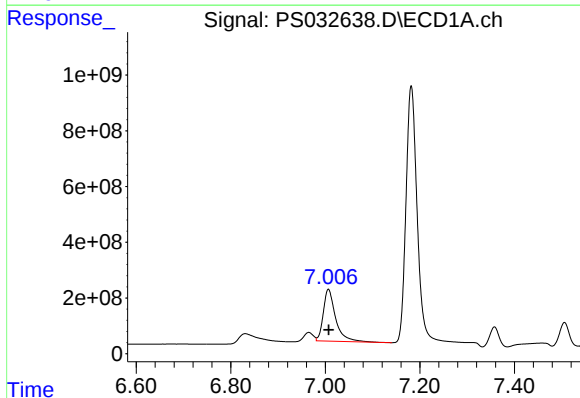
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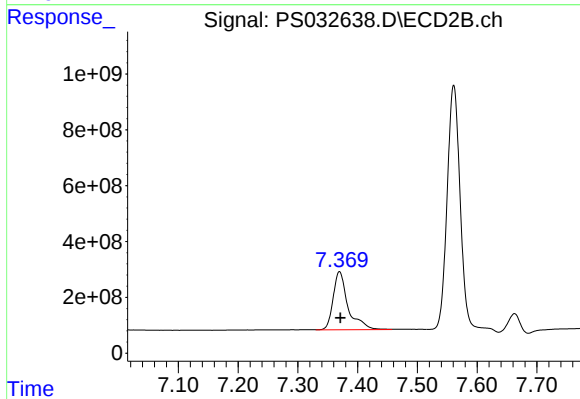
#3 4-Nitrophenol

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 1460842113
Conc: 611.51 ng/ml m



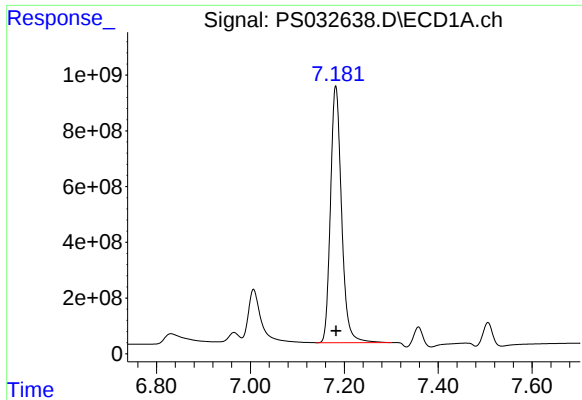
#4 2,4-DCAA

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 3365148627
Conc: 609.23 ng/ml



#4 2,4-DCAA

R.T.: 7.370 min
Delta R.T.: -0.001 min
Response: 3602147510
Conc: 671.89 ng/ml



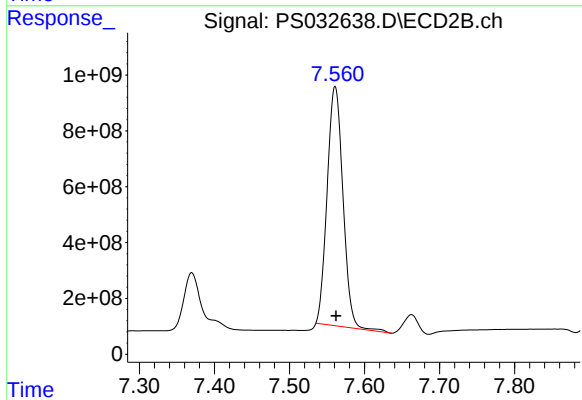
#5 DICAMBA

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 15033994341
Conc: 676.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

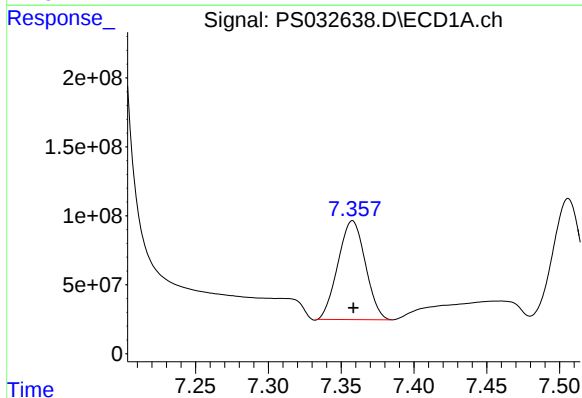
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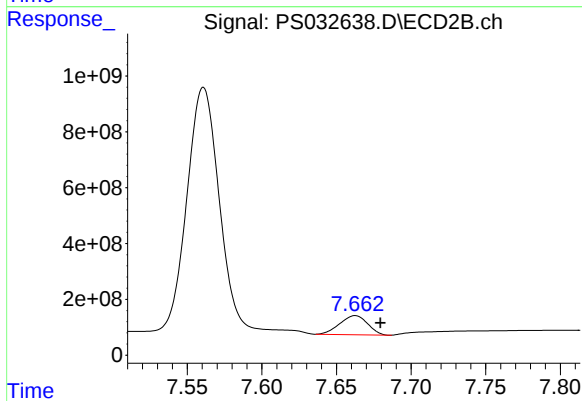
#5 DICAMBA

R.T.: 7.561 min
Delta R.T.: -0.001 min
Response: 12575539738
Conc: 633.85 ng/ml



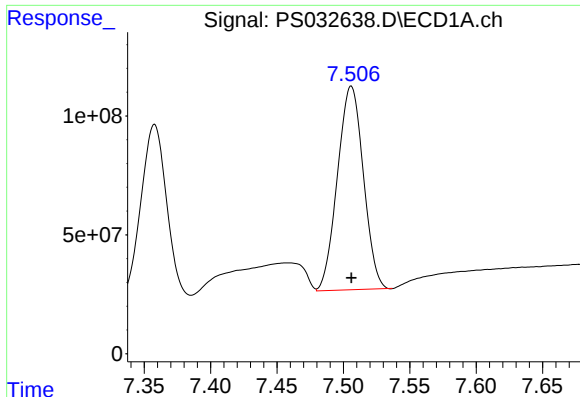
#6 MCP

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 938011625
Conc: 74.39 ug/ml m



#6 MCP

R.T.: 7.662 min
Delta R.T.: -0.017 min
Response: 891171988
Conc: 66.48 ug/ml m



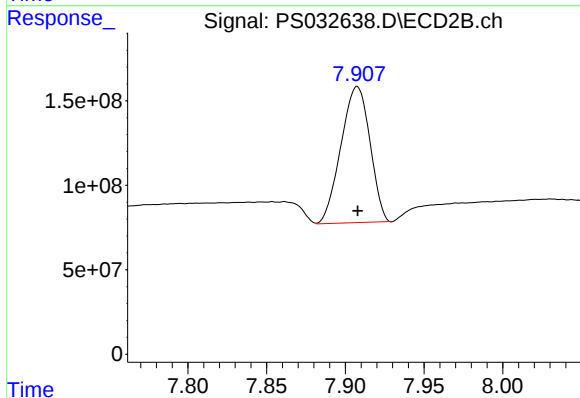
#7 MCPA

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 1161938977
Conc: 71.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

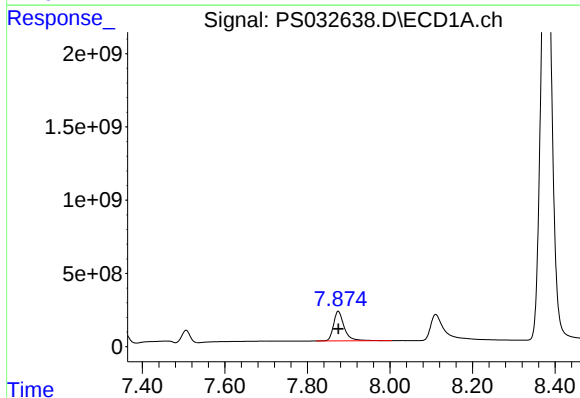
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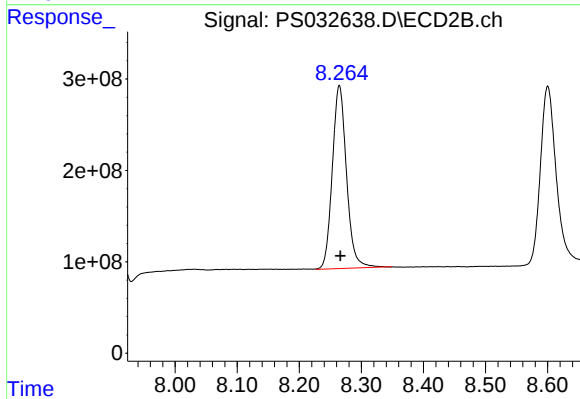
#7 MCPA

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 1032527487
Conc: 62.18 ug/ml



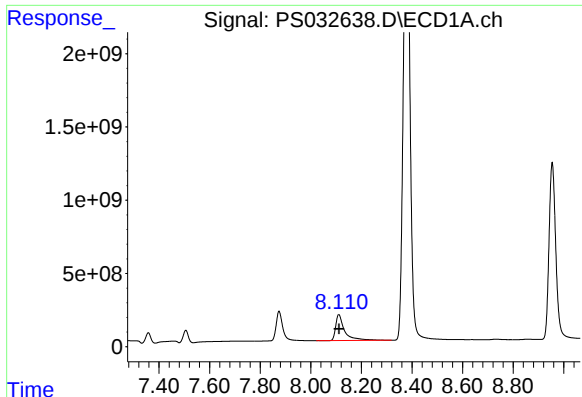
#8 DICHLORPROP

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 3635649143
Conc: 674.55 ng/ml



#8 DICHLORPROP

R.T.: 8.264 min
Delta R.T.: -0.002 min
Response: 3184135312
Conc: 640.95 ng/ml m



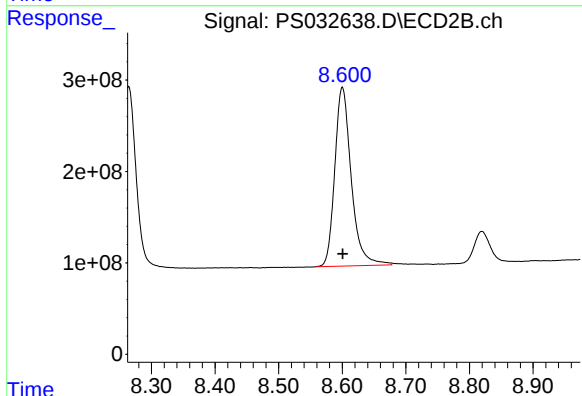
#9 2,4-D

R.T.: 8.111 min
Delta R.T.: -0.001 min
Response: 4280102088
Conc: 701.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

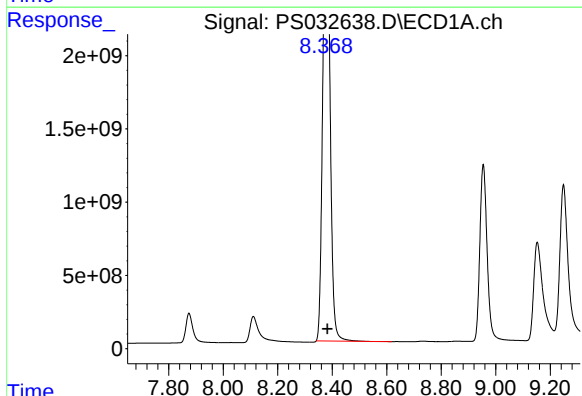
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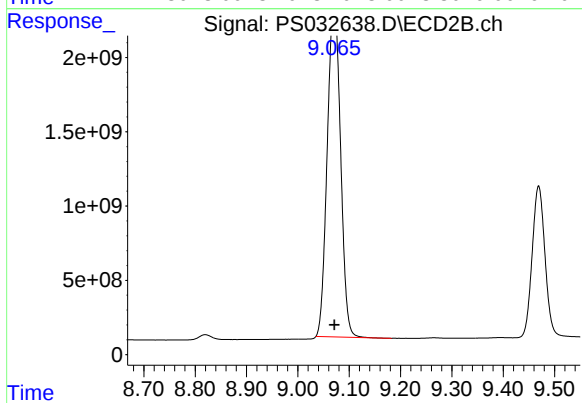
#9 2,4-D

R.T.: 8.600 min
Delta R.T.: -0.001 min
Response: 3523342437
Conc: 627.33 ng/ml m



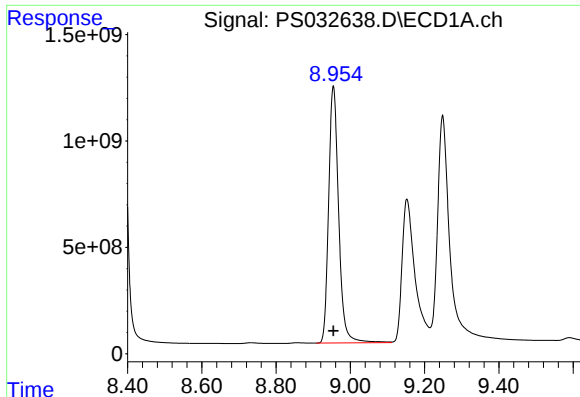
#10 Pentachlorophenol

R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 48592535996
Conc: 662.72 ng/ml



#10 Pentachlorophenol

R.T.: 9.073 min
Delta R.T.: 0.002 min
Response: 39349391435
Conc: 644.04 ng/ml



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

R.T.: 8.954 min
Delta R.T.: 0.000 min
Response: 22617683655
Conc: 676.88 ng/ml

Instrument :

ECD_S

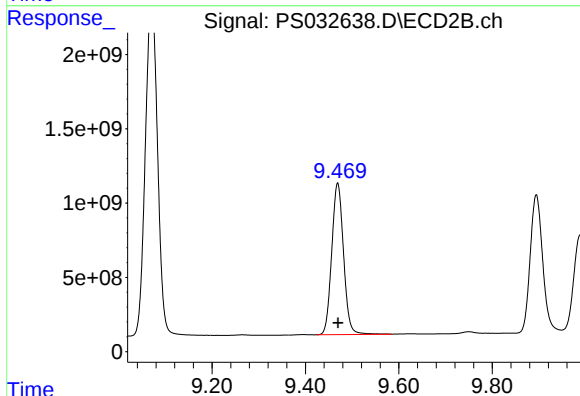
ClientSampleId :

HSTDCCC750

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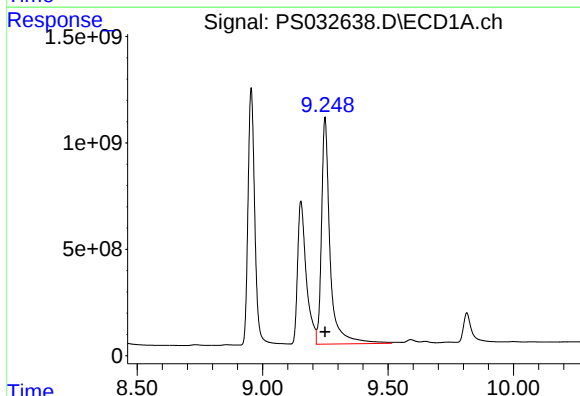
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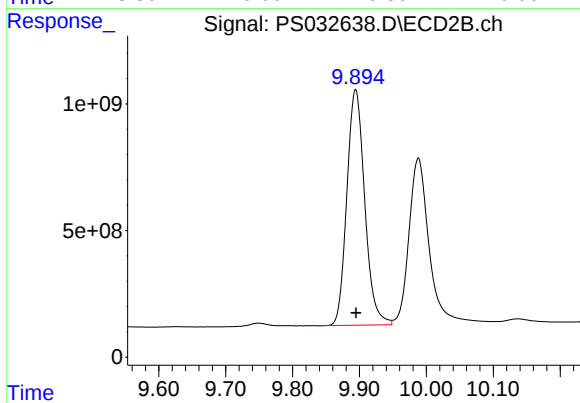
#11 2,4,5-TP (SILVEX)

R.T.: 9.469 min
Delta R.T.: 0.000 min
Response: 1792000308
Conc: 624.64 ng/ml



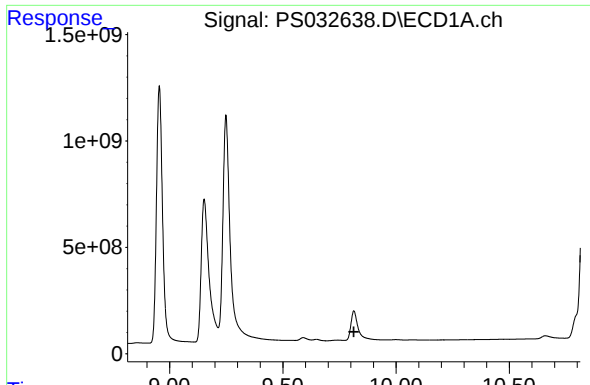
#12 2,4,5-T

R.T.: 9.249 min
Delta R.T.: -0.001 min
Response: 25388542576
Conc: 603.88 ng/ml



#12 2,4,5-T

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 17280739695
Conc: 618.80 ng/ml



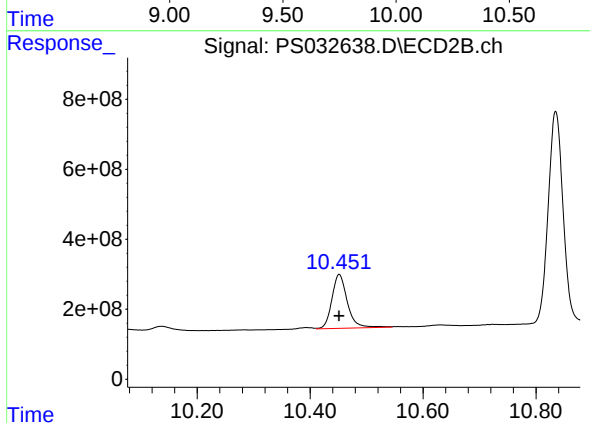
#13 2,4-DB

R.T.: 0.000 min
Exp R.T.: 9.814 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

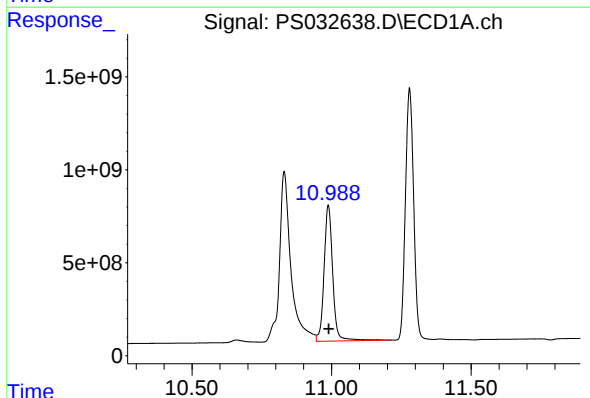
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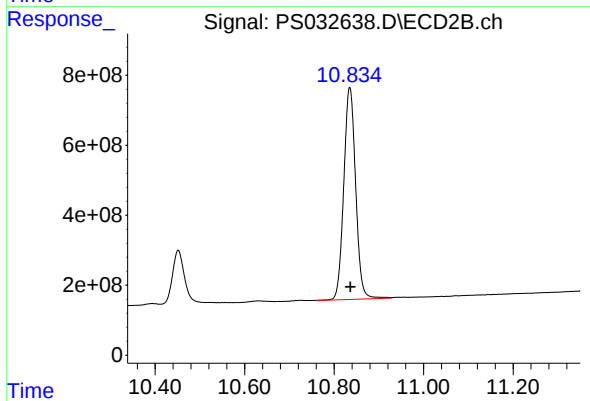
#13 2,4-DB

R.T.: 10.451 min
Delta R.T.: 0.000 min
Response: 2927752990
Conc: 718.72 ng/ml



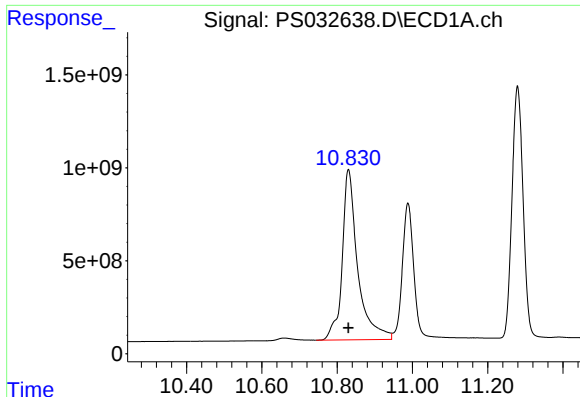
#14 DINOSEB

R.T.: 10.988 min
Delta R.T.: -0.002 min
Response: 15742133938
Conc: 570.86 ng/ml



#14 DINOSEB

R.T.: 10.835 min
Delta R.T.: -0.002 min
Response: 11166511681
Conc: 617.46 ng/ml



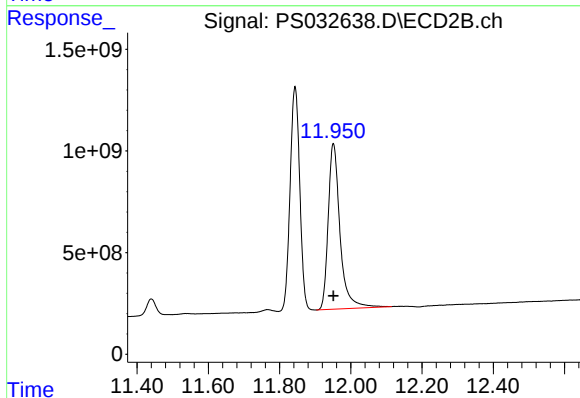
#15 Picloram

R.T.: 10.830 min
Delta R.T.: 0.000 min
Response: 26218453973
Conc: 666.38 ng/ml

Instrument :
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ClientSampleId :
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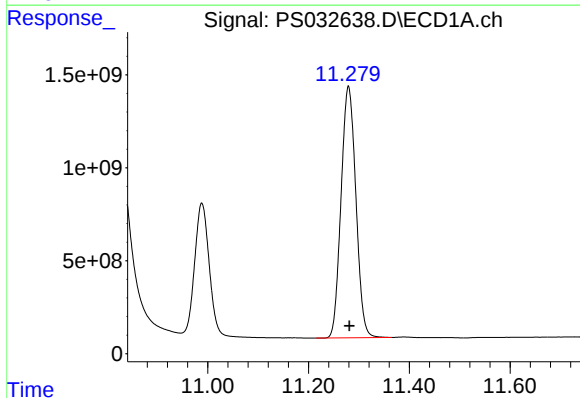
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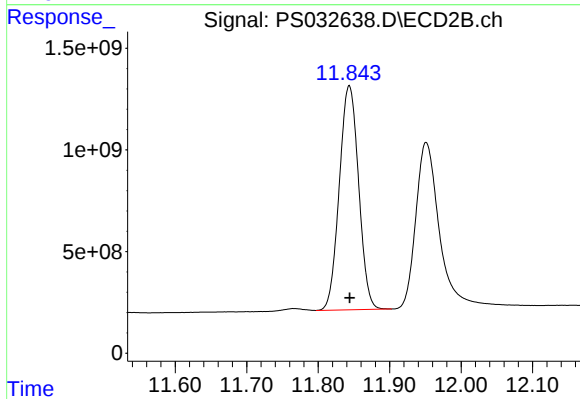
#15 Picloram

R.T.: 11.951 min
Delta R.T.: 0.000 min
Response: 18751524877
Conc: 520.93 ng/ml



#16 DCPA

R.T.: 11.279 min
Delta R.T.: -0.002 min
Response: 27574202469
Conc: 688.21 ng/ml



#16 DCPA

R.T.: 11.844 min
Delta R.T.: 0.000 min
Response: 20711059202
Conc: 608.75 ng/ml