

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101725\
 Data File : PS032076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:44
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 01:43:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.281	7.743	3565.2E6	863.1E6	747.881	784.377
Target Compounds							
1) T	Dalapon	2.658	2.688	4969.5E6	2496.0E6	643.094	664.138
2) T	3,5-DICHL...	6.448	6.696	5039.5E6	1489.8E6	715.947	714.218
3) T	4-Nitroph...	7.101	7.301	900.4E6	946.0E6	674.596	623.414
5) T	DICAMBA	7.463	7.938	15051.4E6	6291.1E6	718.708	726.376
6) T	MCPD	7.641	8.035	895.9E6	185.8E6	73.260	74.854
7) T	MCPA	7.790	8.283	1124.0E6	281.5E6	76.379	74.634
8) T	DICHLORPROP	8.171	8.659	3346.4E6	1326.8E6	703.893	677.531
9) T	2,4-D	8.411	9.003	3144.3E6	1467.0E6	647.515m	705.885
10) T	Pentachlo...	8.707	9.507	49456.5E6	40218.3E6	736.842	776.058
11) T	2,4,5-TP ...	9.278	9.892	20525.9E6	14678.8E6	726.785	731.203
12) T	2,4,5-T	9.578	10.322	18620.1E6	12656.4E6	737.598	738.213
13) T	2,4-DB	10.154	10.890	2246.4E6	902.4E6	724.556	698.401m
14) T	DINOSEB	11.344	11.263	15982.2E6	11208.4E6	716.664	737.247
15) T	Picloram	11.182	12.388	16537.7E6	22810.5E6	701.409	685.166
16) T	DCPA	11.643	12.304	26651.2E6	24005.9E6	725.395	722.815

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

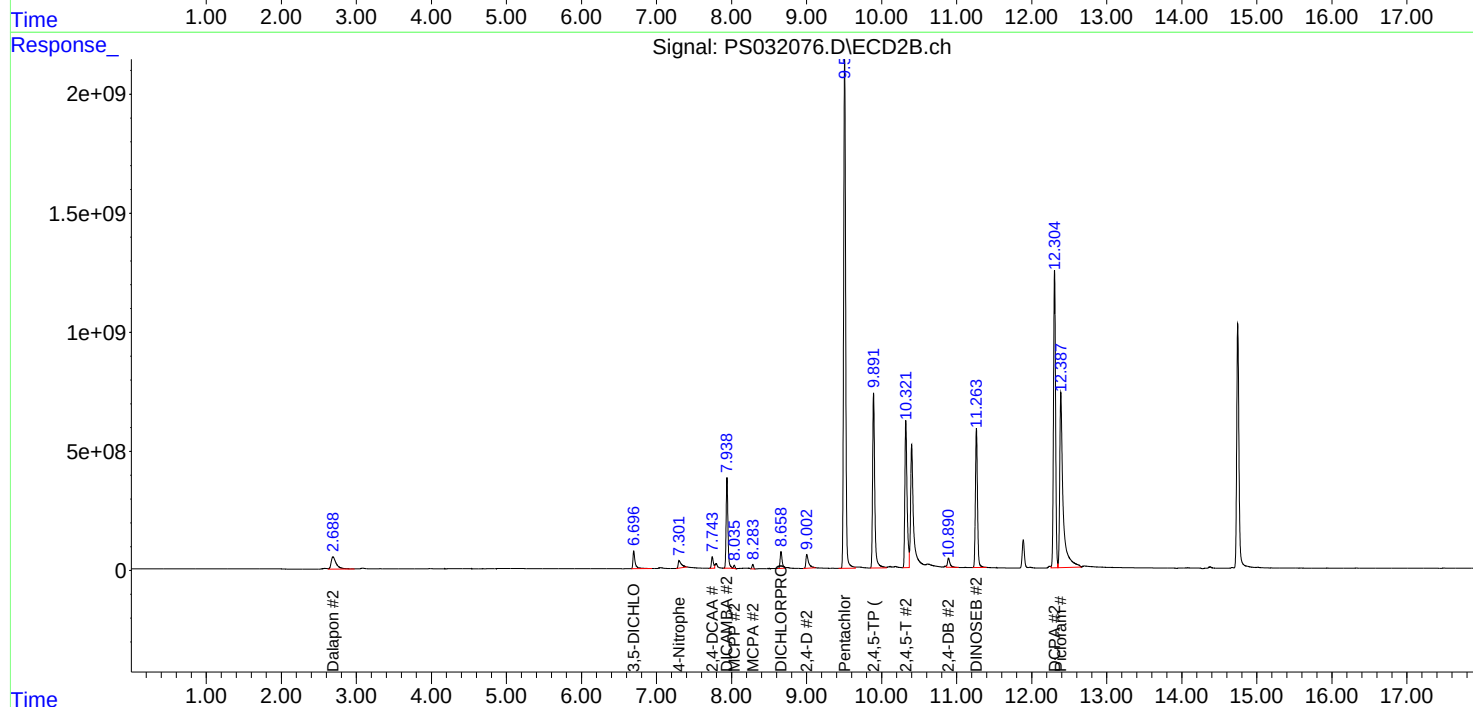
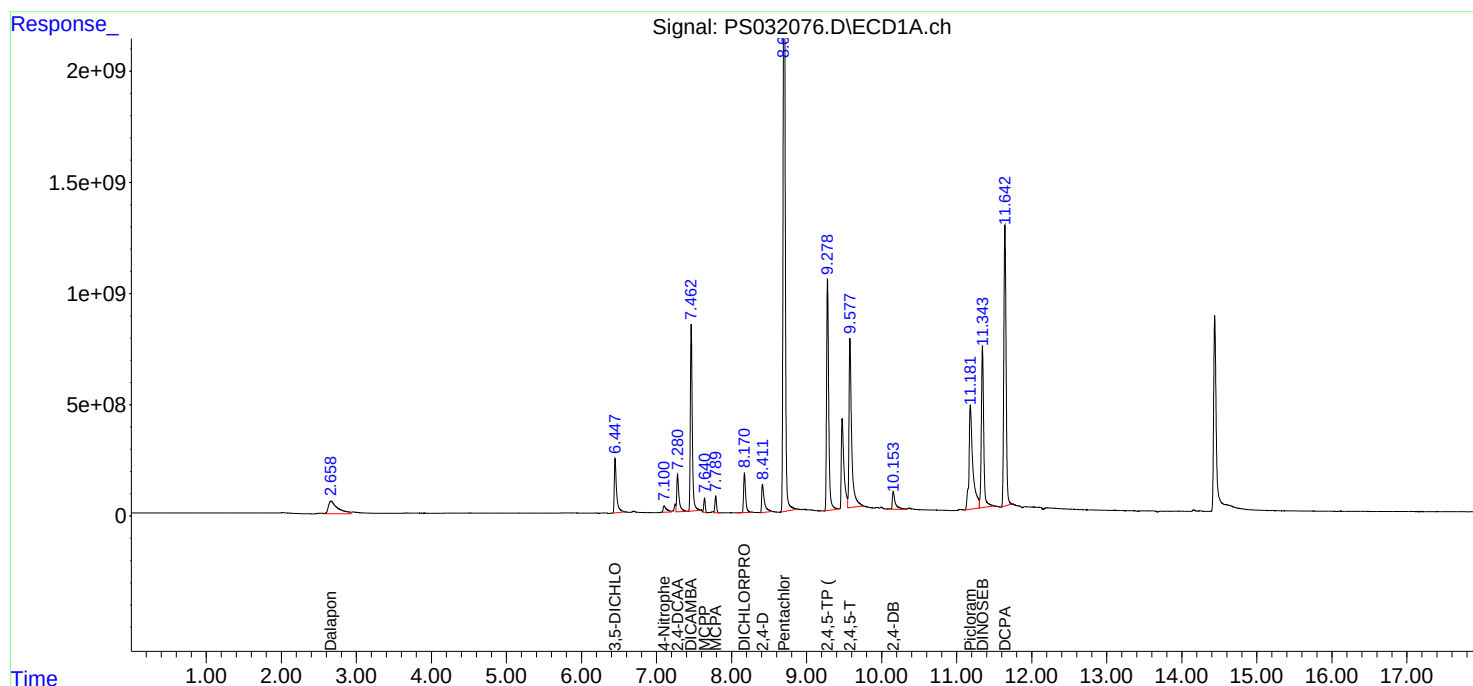
Instrument :
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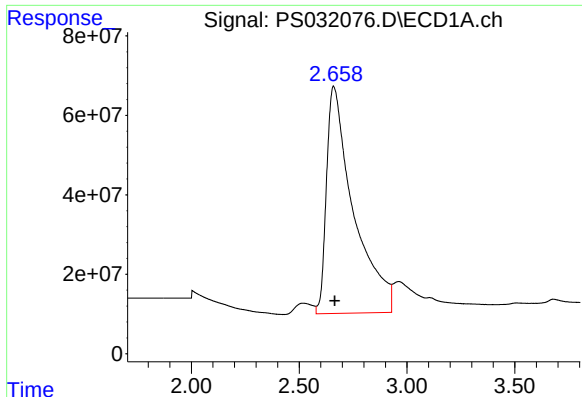
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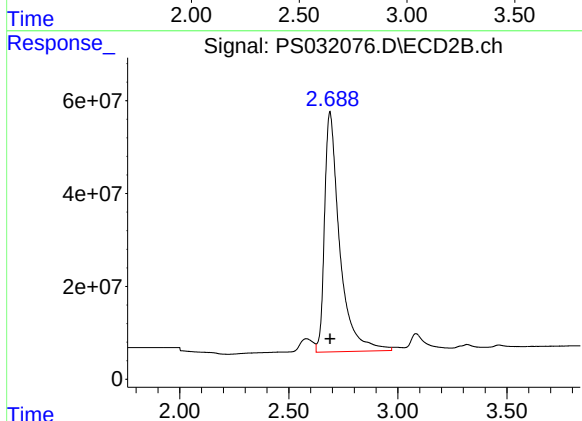
#1 Dalapon

R.T.: 2.658 min
Delta R.T.: -0.007 min
Response: 4969526321
Conc: 643.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

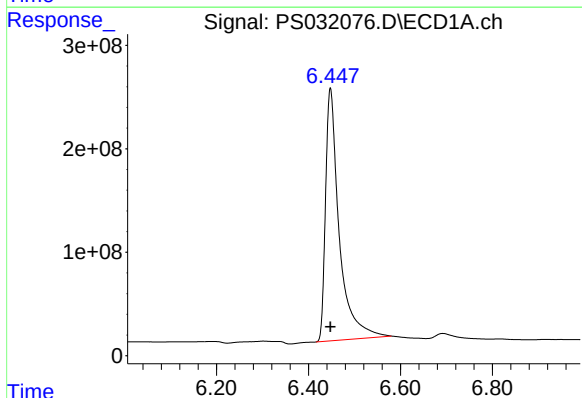
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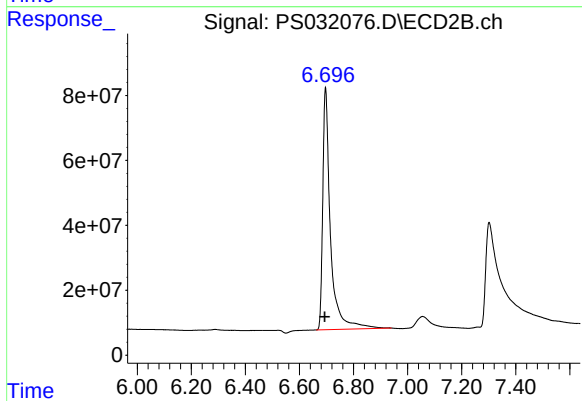
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 2496010463
Conc: 664.14 ng/ml



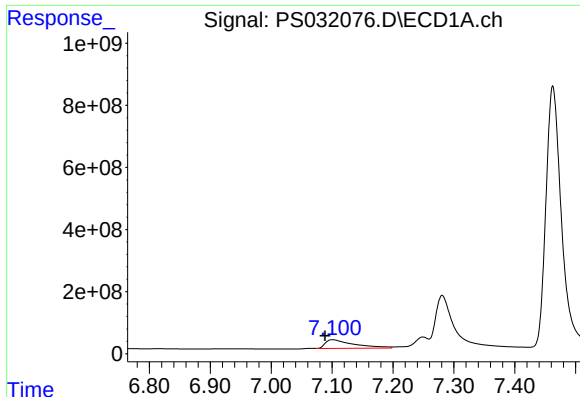
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 5039455956
Conc: 715.95 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.696 min
Delta R.T.: 0.003 min
Response: 1489774285
Conc: 714.22 ng/ml



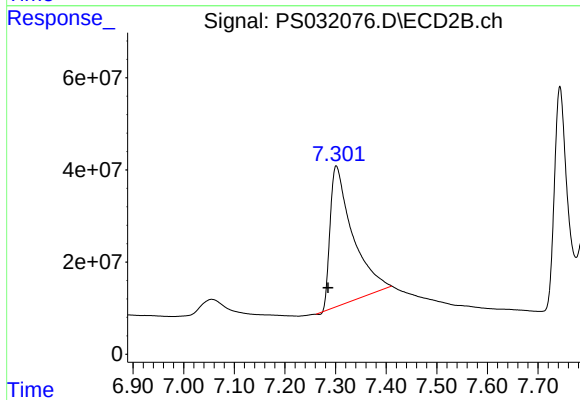
#3 4-Nitrophenol

R.T.: 7.101 min
Delta R.T.: 0.012 min
Response: 900372455
Conc: 674.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

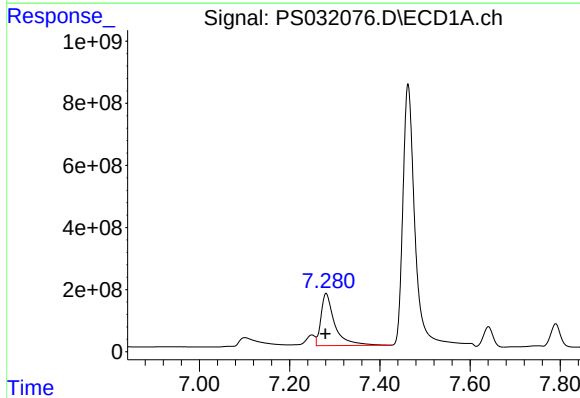
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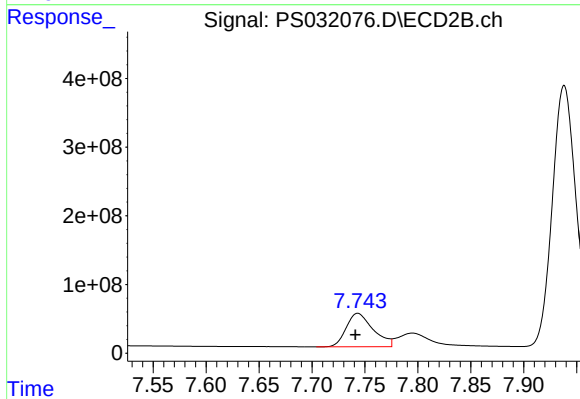
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.016 min
Response: 945975171
Conc: 623.41 ng/ml



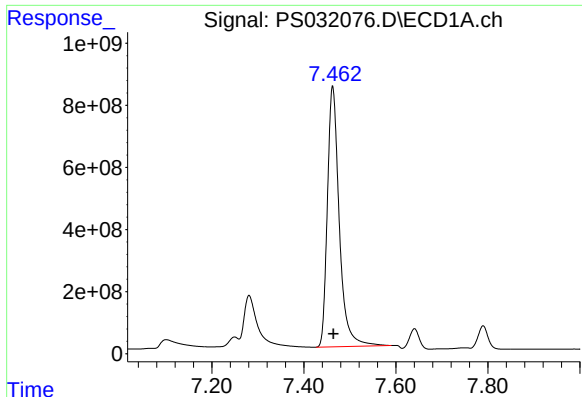
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: 0.001 min
Response: 3565173911
Conc: 747.88 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 863081755
Conc: 784.38 ng/ml



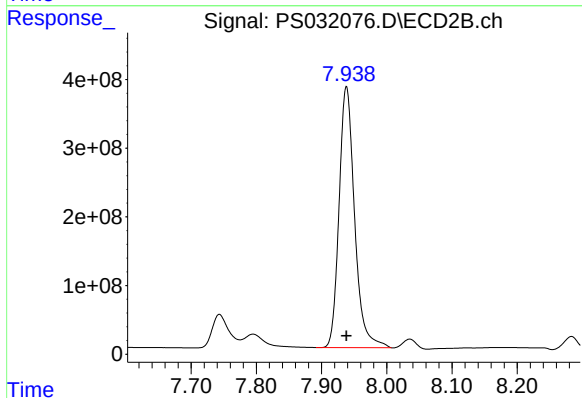
#5 DICAMBA

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 15051440896
Conc: 718.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

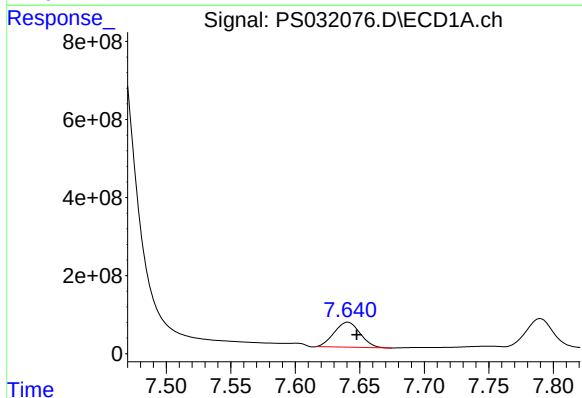
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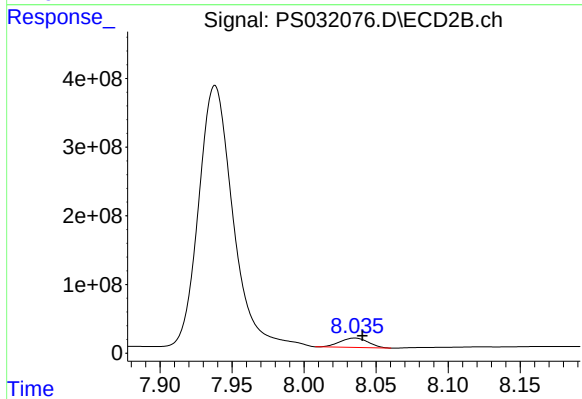
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 6291059507
Conc: 726.38 ng/ml



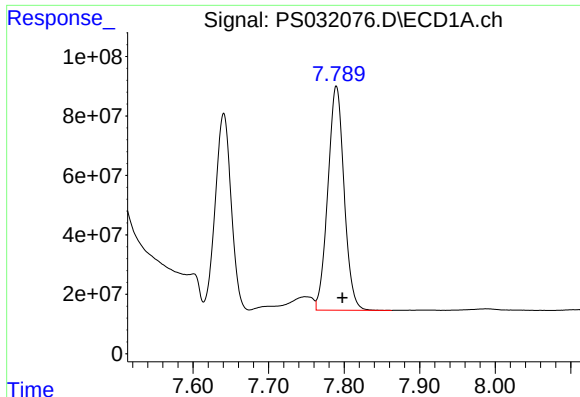
#6 MCP

R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 895863356
Conc: 73.26 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 185808815
Conc: 74.85 ug/ml



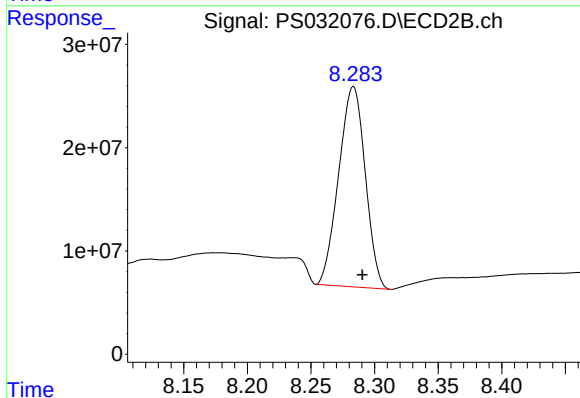
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.008 min
Response: 1124007562
Conc: 76.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

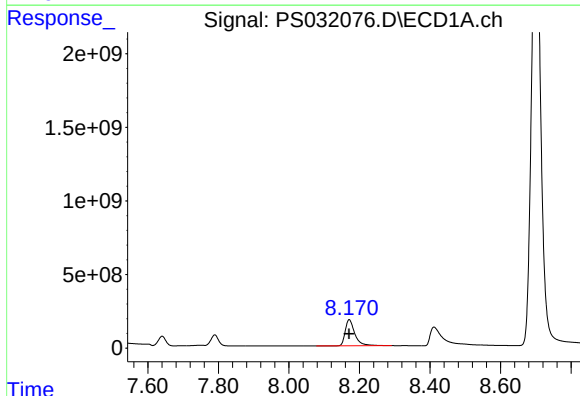
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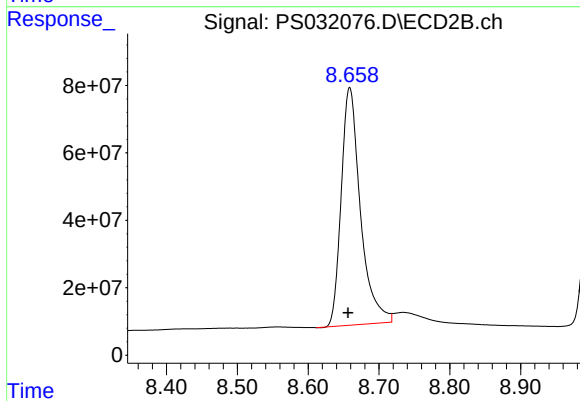
#7 MCPA

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 281545851
Conc: 74.63 ug/ml



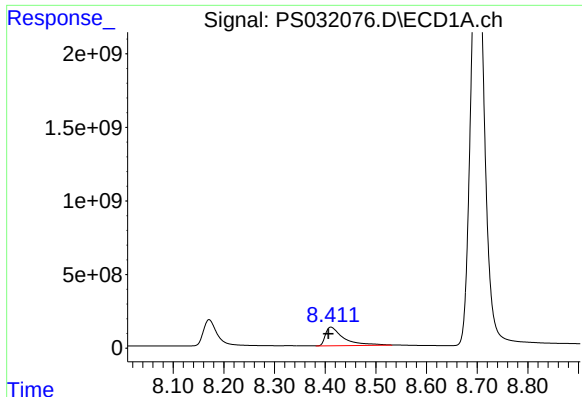
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 3346411925
Conc: 703.89 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 1326781455
Conc: 677.53 ng/ml



#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.004 min
Response: 3144253550
Conc: 647.52 ng/ml

Instrument :

ECD_S

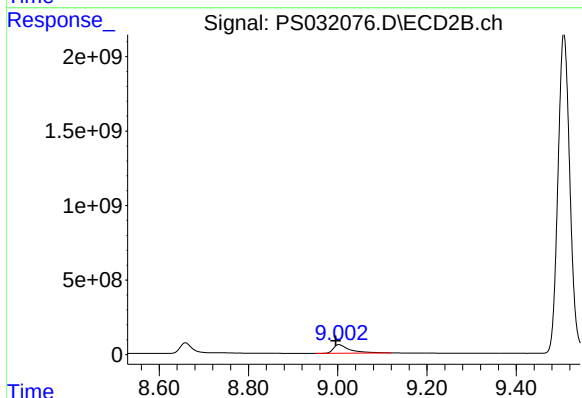
ClientSampleId :

HSTDCCC750

Manual Integrations

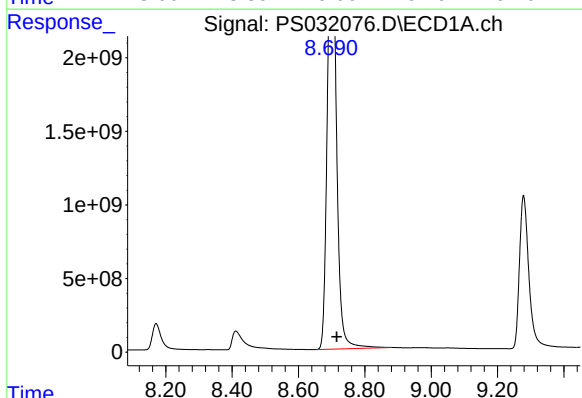
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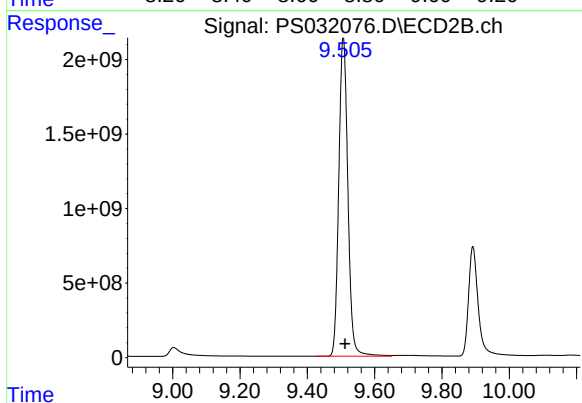
#9 2,4-D

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 1467039405
Conc: 705.89 ng/ml



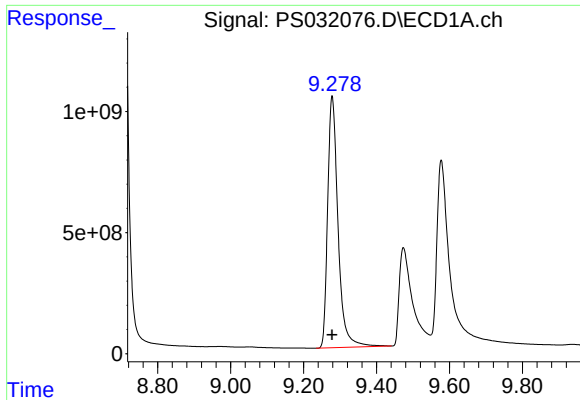
#10 Pentachlorophenol

R.T.: 8.707 min
Delta R.T.: -0.008 min
Response: 49456451825
Conc: 736.84 ng/ml



#10 Pentachlorophenol

R.T.: 9.507 min
Delta R.T.: -0.005 min
Response: 40218329702
Conc: 776.06 ng/ml



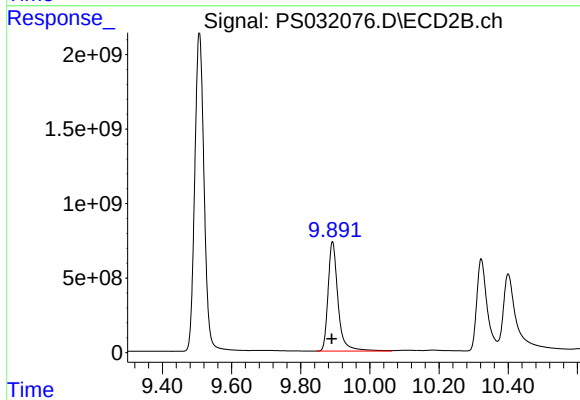
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 20525894584
Conc: 726.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

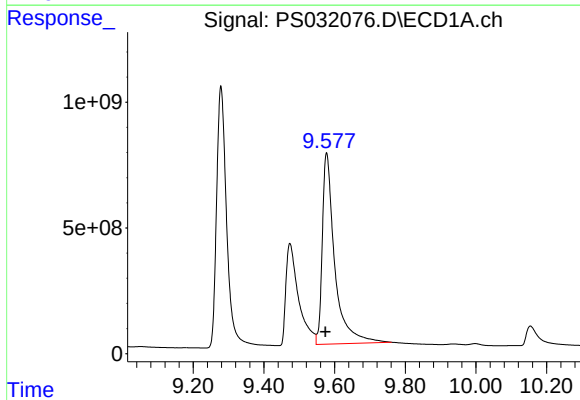
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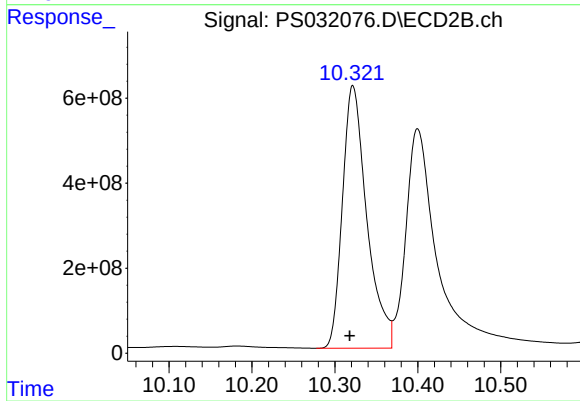
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.002 min
Response: 14678793384
Conc: 731.20 ng/ml



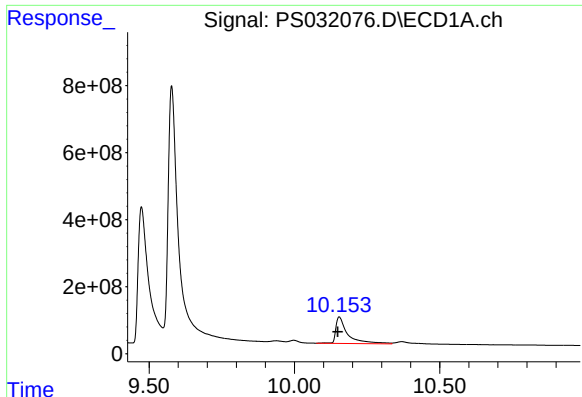
#12 2,4,5-T

R.T.: 9.578 min
Delta R.T.: 0.003 min
Response: 18620109666
Conc: 737.60 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: 0.004 min
Response: 12656420179
Conc: 738.21 ng/ml



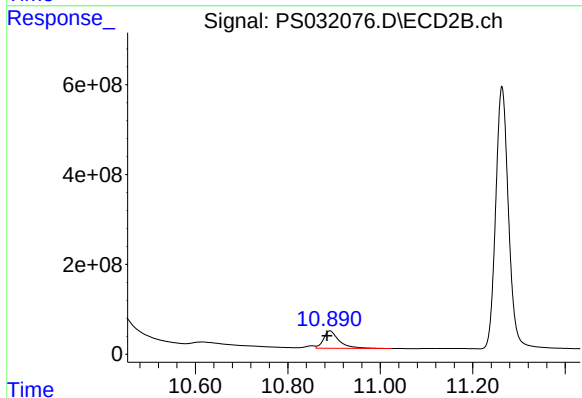
#13 2,4-DB

R.T.: 10.154 min
Delta R.T.: 0.005 min
Response: 2246354217
Conc: 724.56 ng/ml

Instrument :
ECD_S
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HSTDCCC750

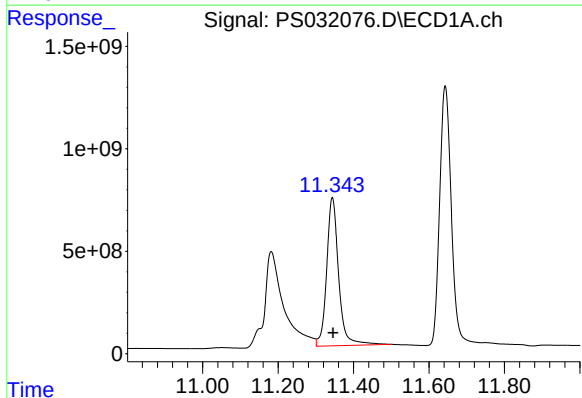
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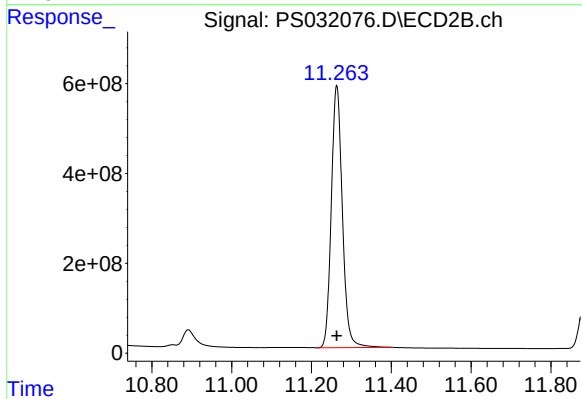
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: 0.005 min
Response: 902398145
Conc: 698.40 ng/ml m



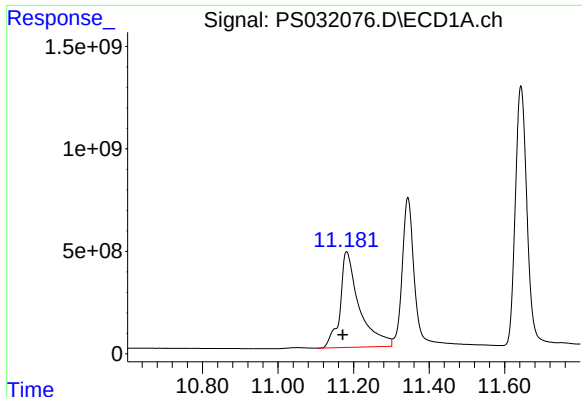
#14 DINOSEB

R.T.: 11.344 min
Delta R.T.: -0.002 min
Response: 15982221516
Conc: 716.66 ng/ml



#14 DINOSEB

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 11208416693
Conc: 737.25 ng/ml



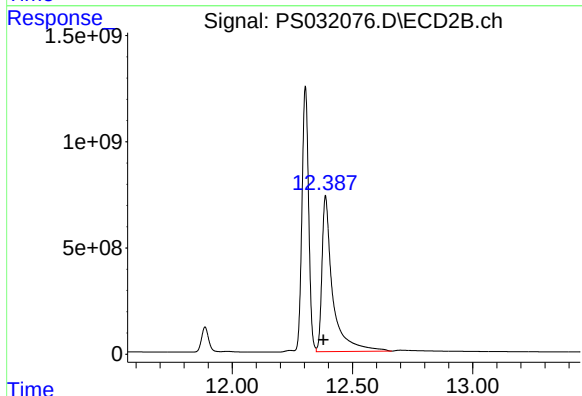
#15 Picloram

R.T.: 11.182 min
Delta R.T.: 0.010 min
Response: 16537725261
Conc: 701.41 ng/ml

Instrument :
ECD_S
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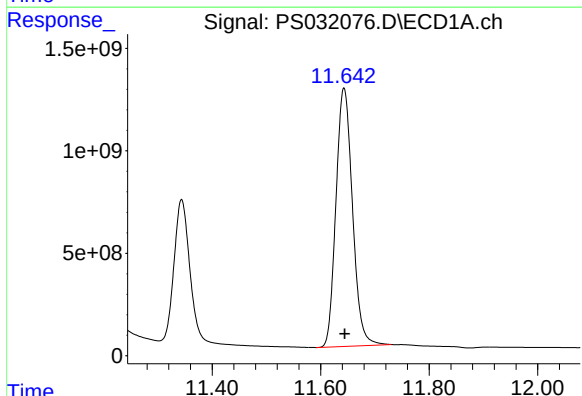
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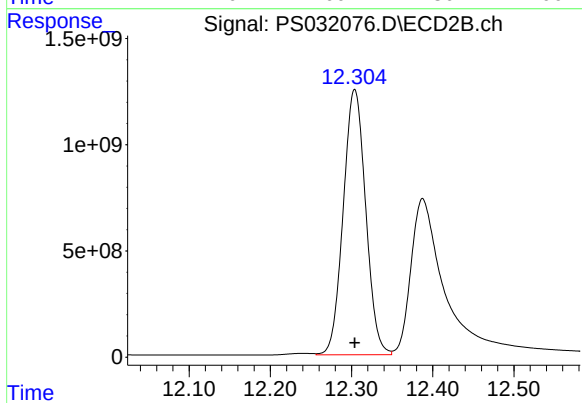
#15 Picloram

R.T.: 12.388 min
Delta R.T.: 0.009 min
Response: 22810542003
Conc: 685.17 ng/ml



#16 DCPA

R.T.: 11.643 min
Delta R.T.: -0.002 min
Response: 26651176253
Conc: 725.40 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 24005870134
Conc: 722.81 ng/ml