

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061325\
 Data File : PS030675.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 10:11
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 16:39:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.353	7.768	2737.6E6	776.6E6	725.169m	721.984
Target Compounds							
1) T	Dalapon	2.713	2.709	3825.2E6	1755.0E6	677.391	640.493
2) T	3,5-DICHL...	6.511	6.714	3688.8E6	1096.8E6	679.785	701.170
3) T	4-Nitroph...	7.152	7.299	1151.1E6	1120.5E6	627.741	714.942
5) T	DICAMBA	7.544	7.971	10889.3E6	4613.6E6	706.062	716.220
6) T	MCPD	7.726	8.070	696.1E6	160.7E6	70.281m	69.540
7) T	MCPA	7.876	8.319	857.0E6	226.9E6	67.535	73.543m
8) T	DICHLORPROP	8.259	8.690	2483.0E6	1034.0E6	682.482	696.703
9) T	2,4-D	8.492	9.026	2424.2E6	1116.2E6	665.343	709.921
10) T	Pentachlo...	8.798f	9.551	38406.1E6	27028.4E6	756.232m	747.921
11) T	2,4,5-TP ...	9.380	9.932	14548.8E6	9956.0E6	704.029	725.827
12) T	2,4,5-T	9.675	10.358	12596.5E6	9424.5E6	683.439	721.788
13) T	2,4-DB	10.253	10.925	1899.2E6	805.1E6	625.490	700.344
14) T	DINOSEB	11.473f	11.311	9985.6E6	7187.0E6	694.656m	715.113
15) T	Picloram	11.281f	12.419	11946.4E6	15718.2E6	597.178m	711.751
16) T	DCPA	11.769f	12.356	18983.7E6	15357.7E6	717.987	750.514

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

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Acq On : 13 Jun 2025 10:11
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

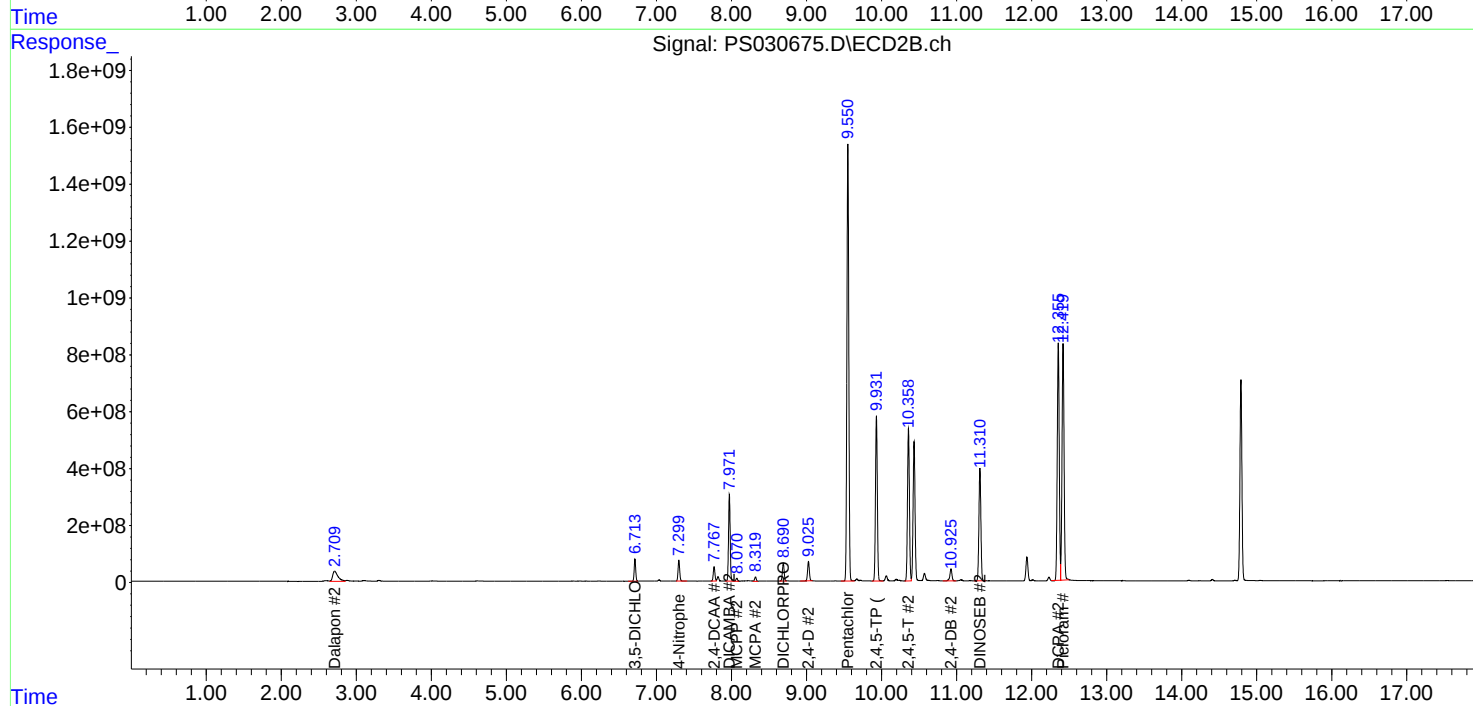
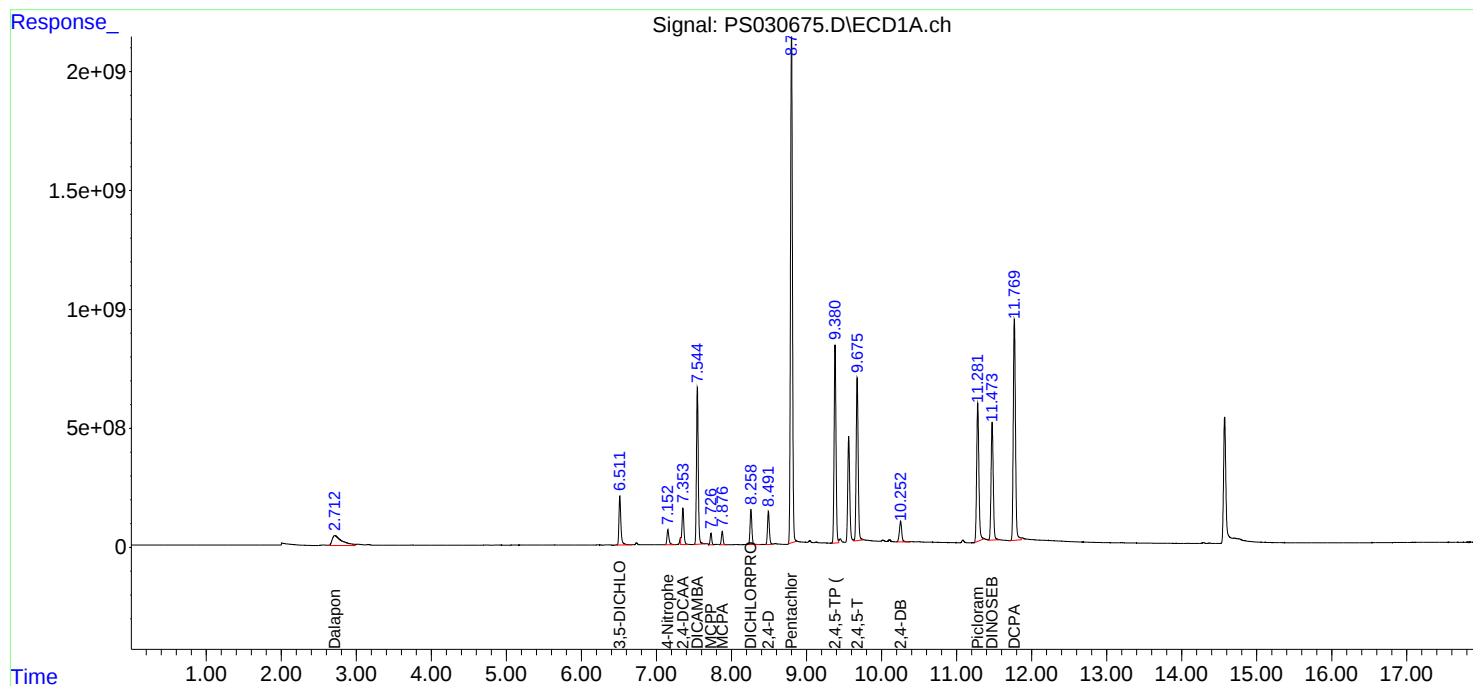
Instrument :
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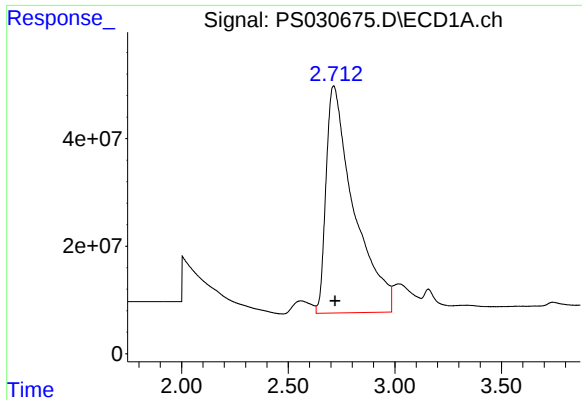
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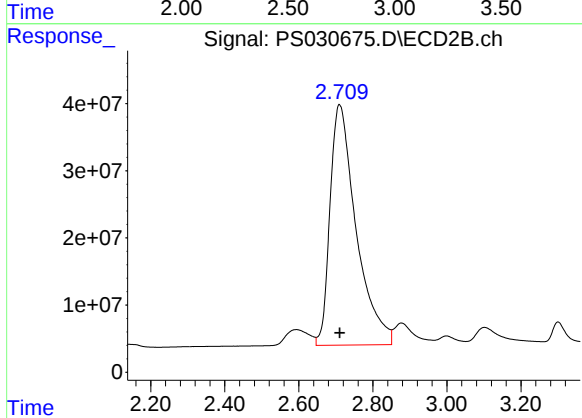
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: -0.007 min
Response: 3825207347
Conc: 677.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

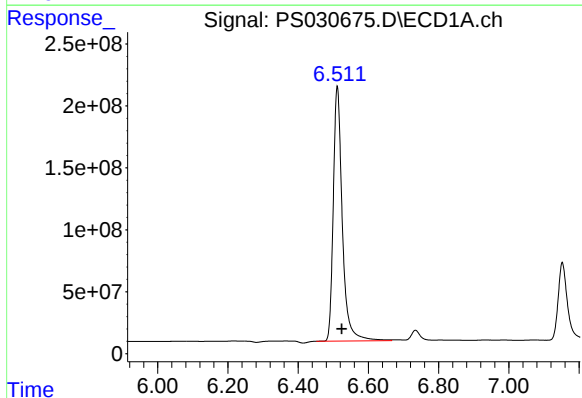
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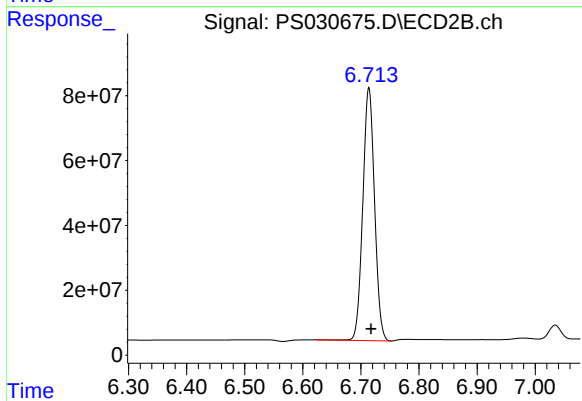
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: -0.001 min
Response: 1754959459
Conc: 640.49 ng/ml



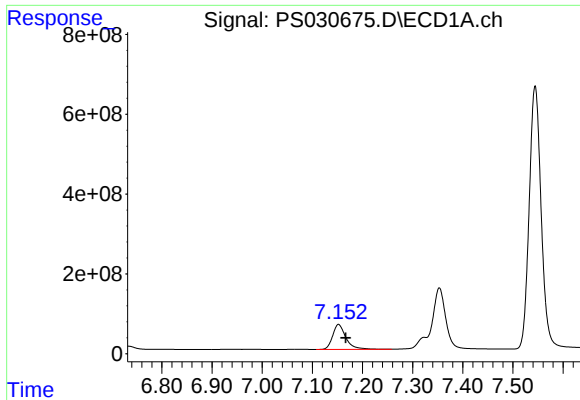
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.511 min
Delta R.T.: -0.013 min
Response: 3688752407
Conc: 679.79 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 1096803968
Conc: 701.17 ng/ml



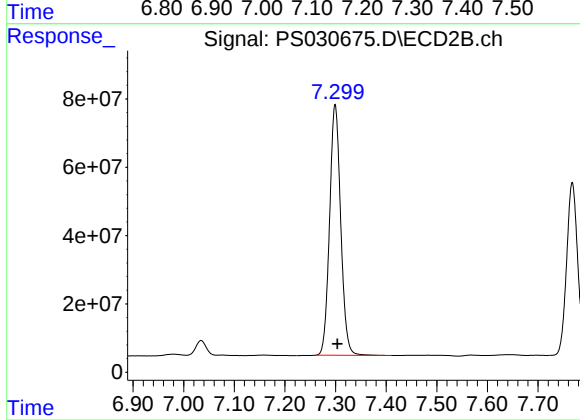
#3 4-Nitrophenol

R.T.: 7.152 min
Delta R.T.: -0.015 min
Response: 1151123486
Conc: 627.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

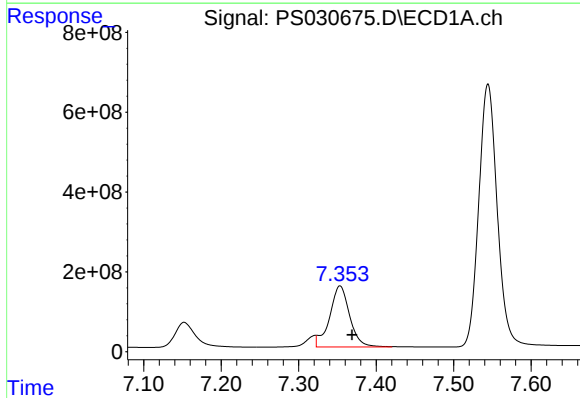
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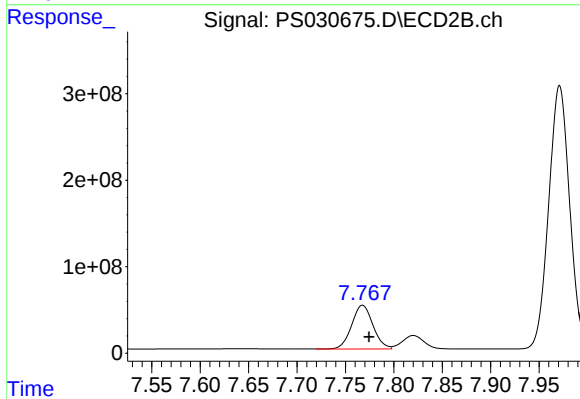
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 1120486850
Conc: 714.94 ng/ml



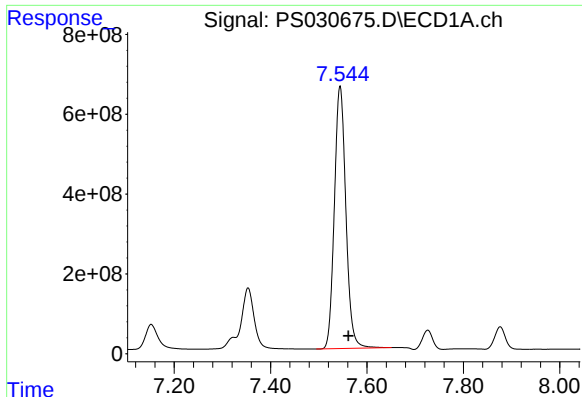
#4 2,4-DCAA

R.T.: 7.353 min
Delta R.T.: -0.016 min
Response: 2737619537
Conc: 725.17 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: -0.007 min
Response: 776573196
Conc: 721.98 ng/ml



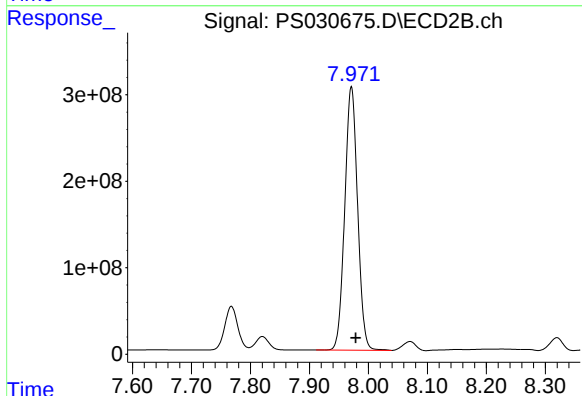
#5 DICAMBA

R.T.: 7.544 min
Delta R.T.: -0.017 min
Response: 10889264751
Conc: 706.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

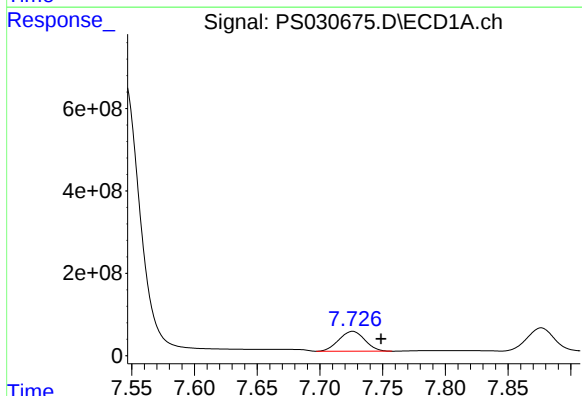
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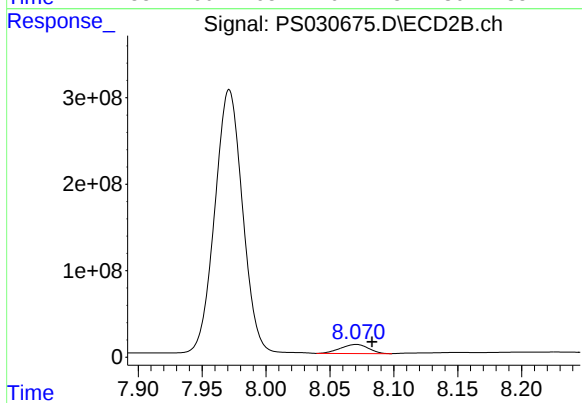
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 4613637589
Conc: 716.22 ng/ml



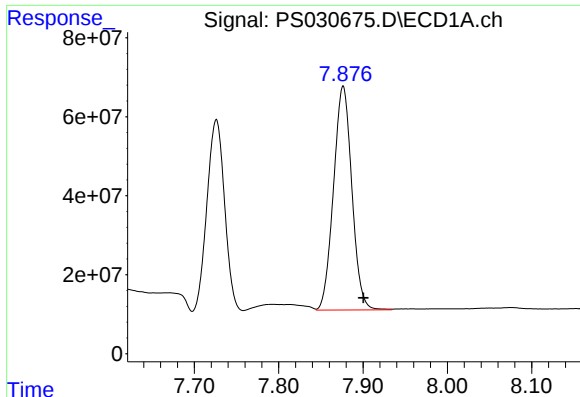
#6 MCPP

R.T.: 7.726 min
Delta R.T.: -0.023 min
Response: 696130842
Conc: 70.28 ug/ml m



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.013 min
Response: 160747578
Conc: 69.54 ug/ml



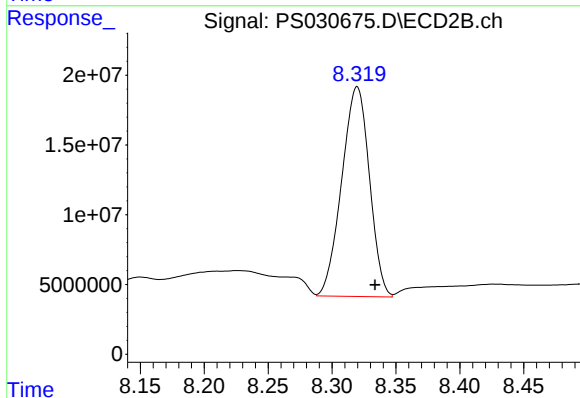
#7 MCPA

R.T.: 7.876 min
Delta R.T.: -0.024 min
Response: 856976130
Conc: 67.53 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

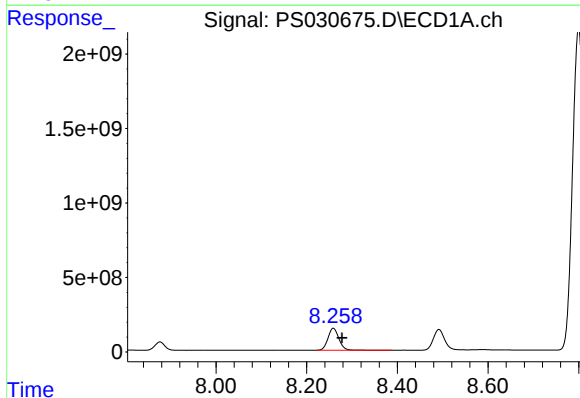
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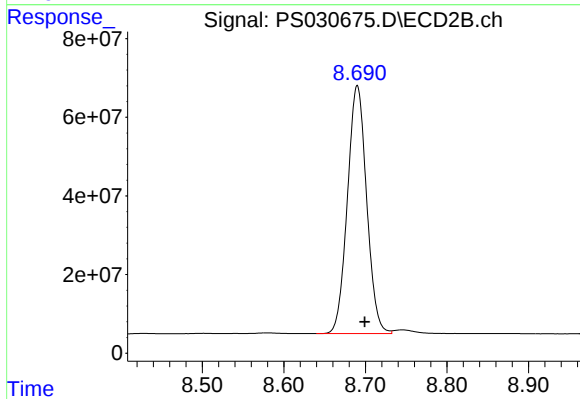
#7 MCPA

R.T.: 8.319 min
Delta R.T.: -0.014 min
Response: 226946819
Conc: 73.54 ug/ml m



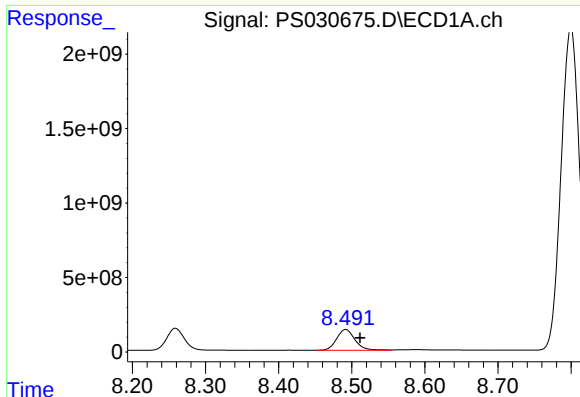
#8 DICHLORPROP

R.T.: 8.259 min
Delta R.T.: -0.020 min
Response: 2482968363
Conc: 682.48 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 1034049874
Conc: 696.70 ng/ml



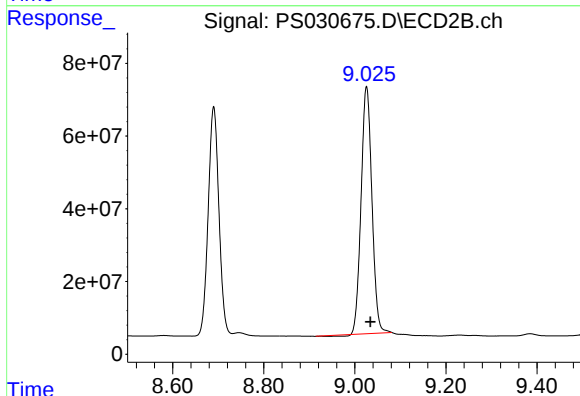
#9 2,4-D

R.T.: 8.492 min
Delta R.T.: -0.020 min
Response: 2424249887
Conc: 665.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

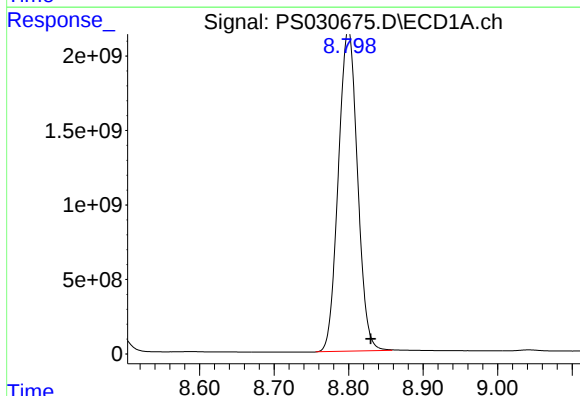
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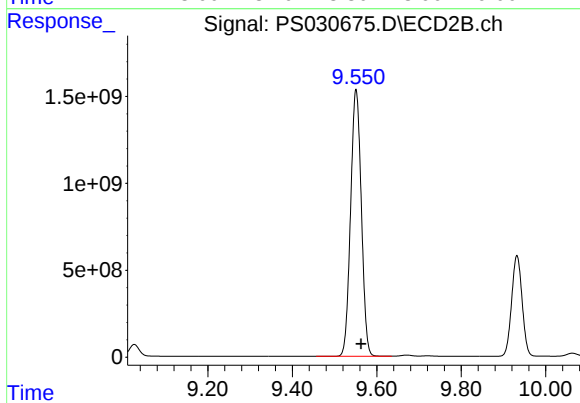
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 1116224237
Conc: 709.92 ng/ml



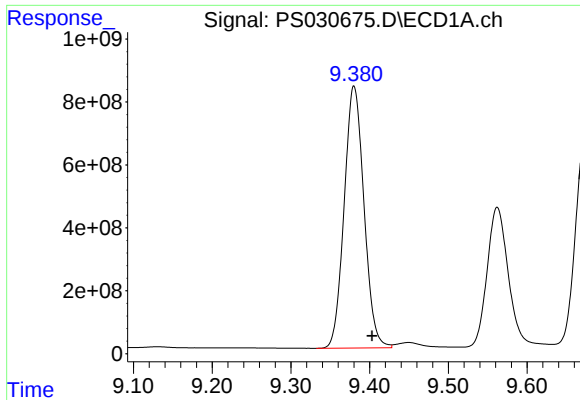
#10 Pentachlorophenol

R.T.: 8.798 min
Delta R.T.: -0.032 min
Response: 38406121224
Conc: 756.23 ng/ml m



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.012 min
Response: 27028372507
Conc: 747.92 ng/ml



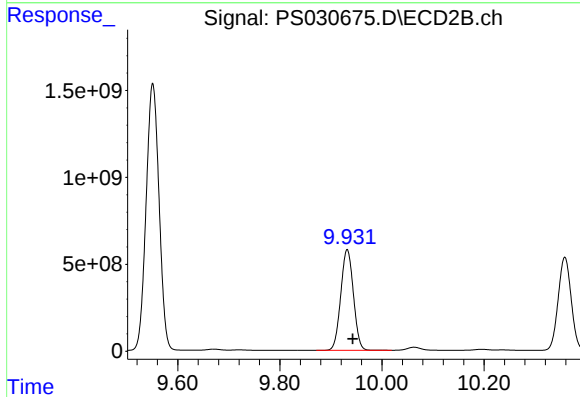
#11 2,4,5-TP (SILVEX)

R.T.: 9.380 min
Delta R.T.: -0.023 min
Response: 14548827866
Conc: 704.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

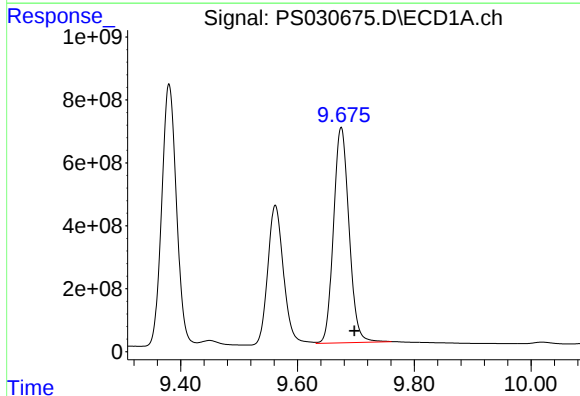
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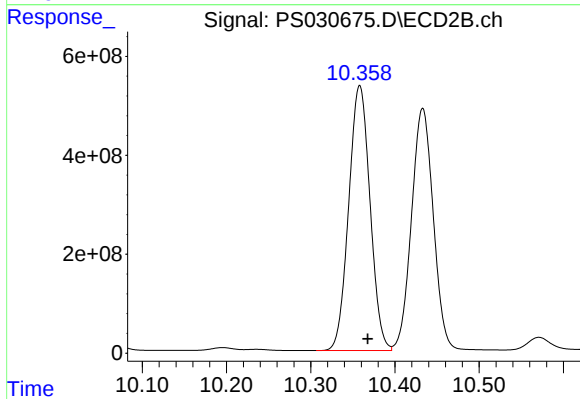
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: -0.010 min
Response: 9955978349
Conc: 725.83 ng/ml



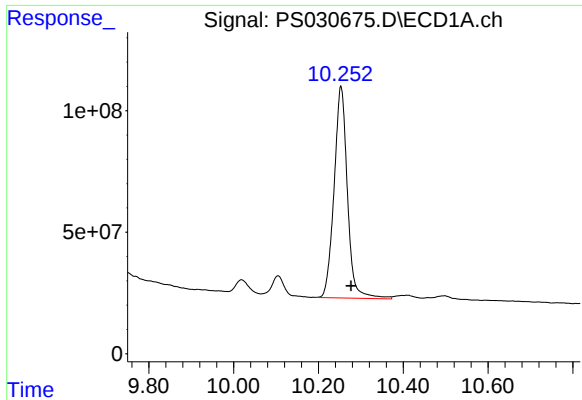
#12 2,4,5-T

R.T.: 9.675 min
Delta R.T.: -0.022 min
Response: 12596510855
Conc: 683.44 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: -0.010 min
Response: 9424484959
Conc: 721.79 ng/ml



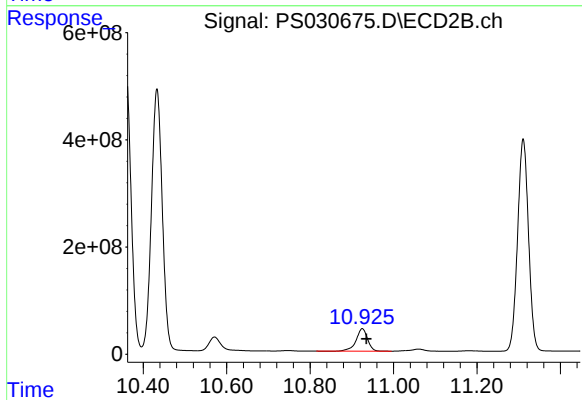
#13 2,4-DB

R.T.: 10.253 min
Delta R.T.: -0.024 min
Response: 1899215334
Conc: 625.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

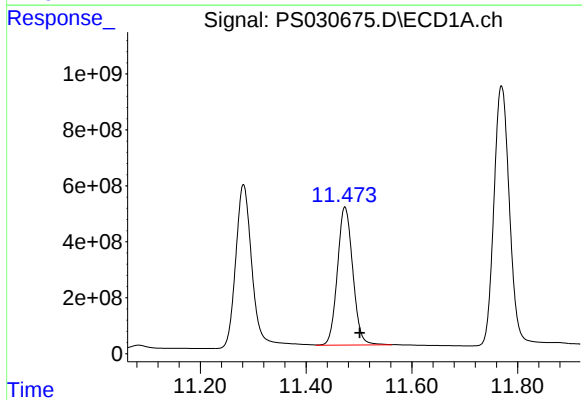
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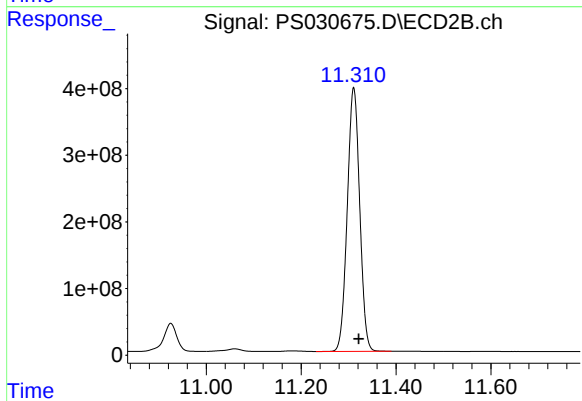
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: -0.010 min
Response: 805081935
Conc: 700.34 ng/ml



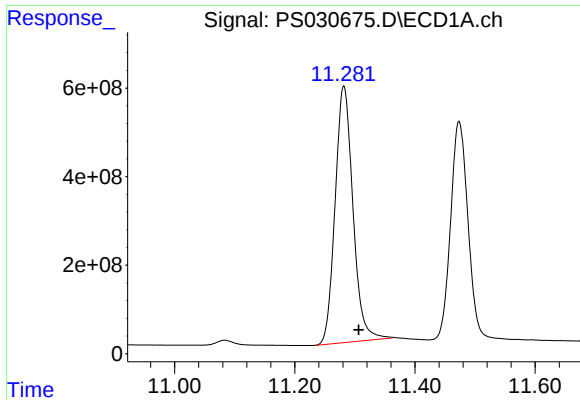
#14 DINOSEB

R.T.: 11.473 min
Delta R.T.: -0.029 min
Response: 9985632942
Conc: 694.66 ng/ml m



#14 DINOSEB

R.T.: 11.311 min
Delta R.T.: -0.011 min
Response: 7186972362
Conc: 715.11 ng/ml



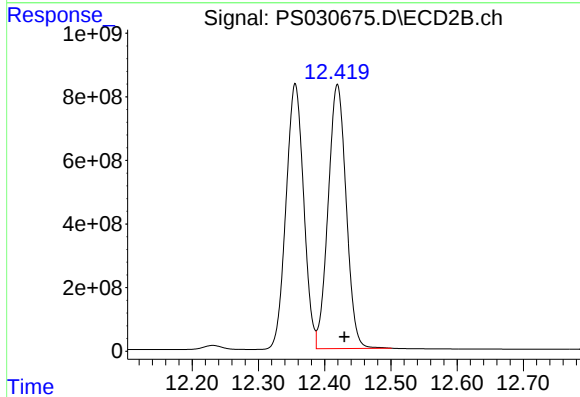
#15 Picloram

R.T.: 11.281 min
Delta R.T.: -0.025 min
Response: 11946435641
Conc: 597.18 ng/ml

Instrument :
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ClientSampleId :
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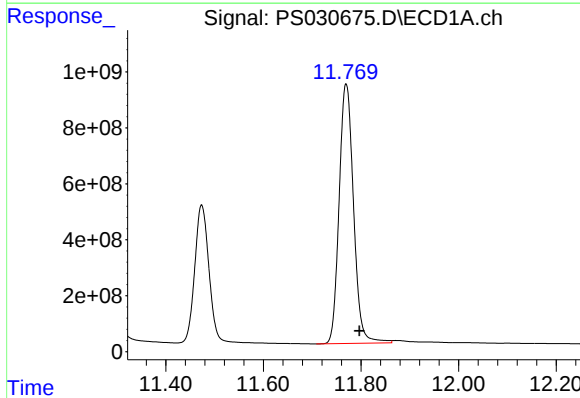
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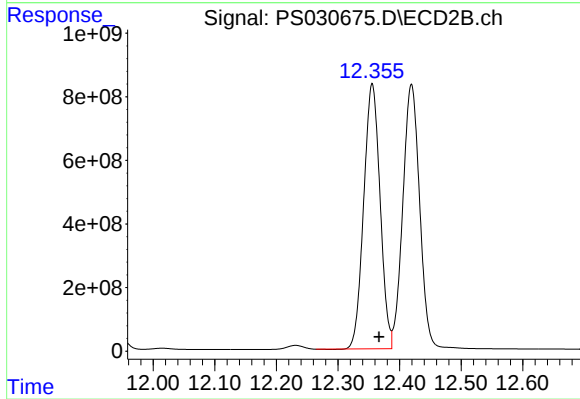
#15 Picloram

R.T.: 12.419 min
Delta R.T.: -0.010 min
Response: 15718216971
Conc: 711.75 ng/ml



#16 DCPA

R.T.: 11.769 min
Delta R.T.: -0.028 min
Response: 18983652087
Conc: 717.99 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: -0.011 min
Response: 15357710351
Conc: 750.51 ng/ml