

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071025\
 Data File : PS030990.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 16:59
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 07:16:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.334	7.768	2641.7E6	720.8E6	718.943	672.370
Target Compounds							
1) T	Dalapon	2.698	2.709	3496.5E6	1569.3E6	586.107	572.362
2) T	3,5-DICHL...	6.495	6.714	3605.4E6	986.8E6	670.447	611.728
3) T	4-Nitroph...	7.134	7.300	1070.4E6	1090.5E6	678.828	629.051
5) T	DICAMBA	7.524	7.971	10561.6E6	4292.3E6	694.155m	654.986
6) T	MCPD	7.705	8.069	678.2E6	143.4E6	72.238m	68.373
7) T	MCPA	7.855	8.318	810.4E6	200.5E6	69.082	63.728
8) T	DICHLORPROP	8.237	8.691	2434.6E6	995.4E6	649.971	633.036
9) T	2,4-D	8.469	9.027	2420.8E6	1058.0E6	702.823	622.578
10) T	Pentachlo...	8.776	9.551	38201.2E6	26213.8E6	721.794m	687.627
11) T	2,4,5-TP ...	9.355	9.932	14429.5E6	9692.0E6	720.381	671.713
12) T	2,4,5-T	9.650	10.359	12867.9E6	9269.7E6	782.095	678.373
13) T	2,4-DB	10.227	10.927	1946.1E6	772.5E6	848.523	653.046
14) T	DINOSEB	11.443	11.312	9787.1E6	6942.4E6	705.472m	643.929
15) T	Picloram	11.255	12.422	13142.7E6	15262.8E6	817.527m	656.706
16) T	DCPA	11.741	12.356	19012.0E6	15126.3E6	742.186	686.222m

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

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

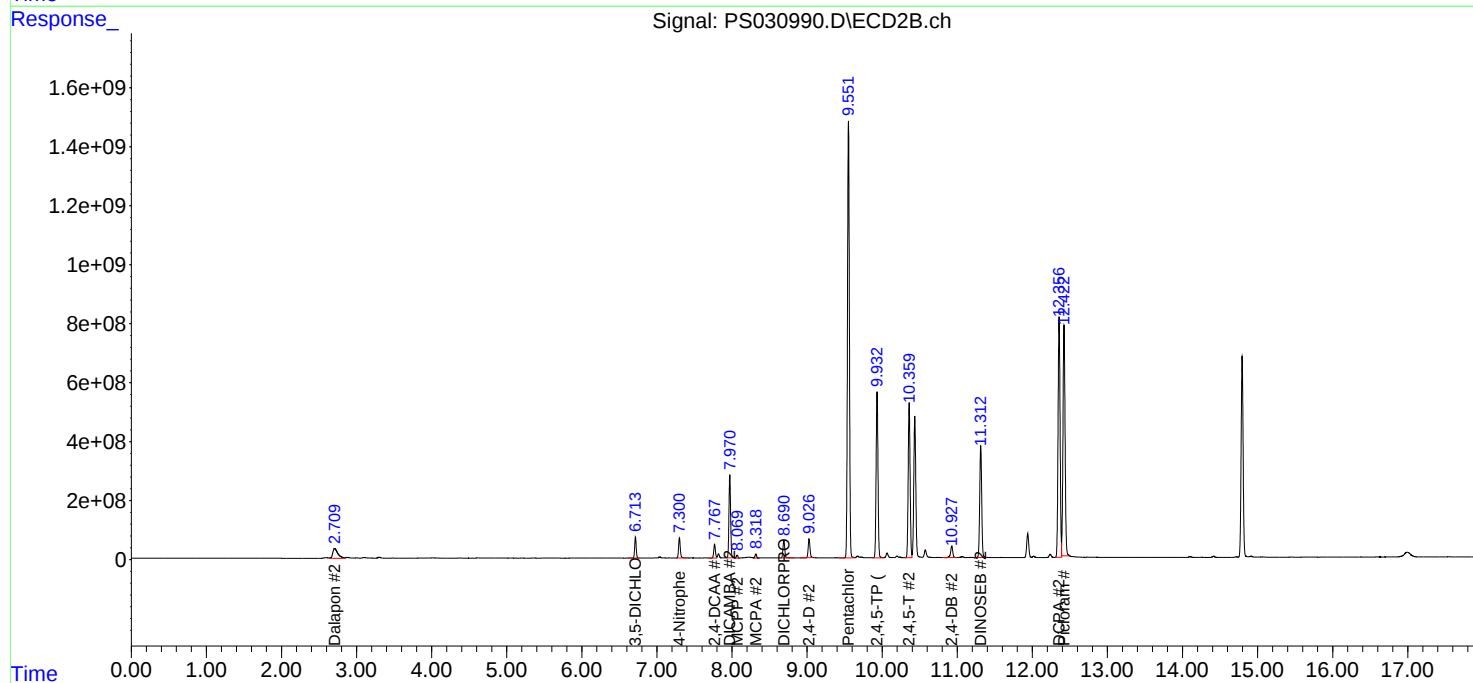
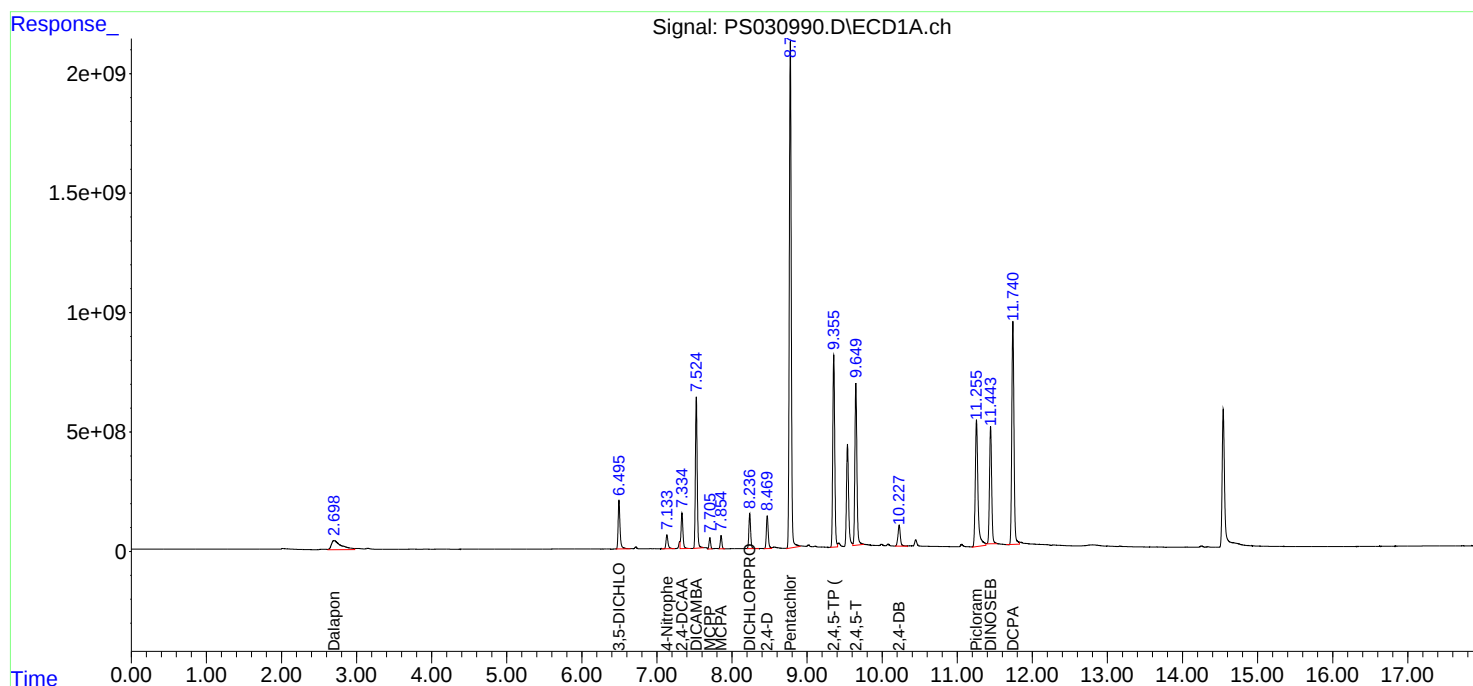
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ECD_S
ClientSampleId :
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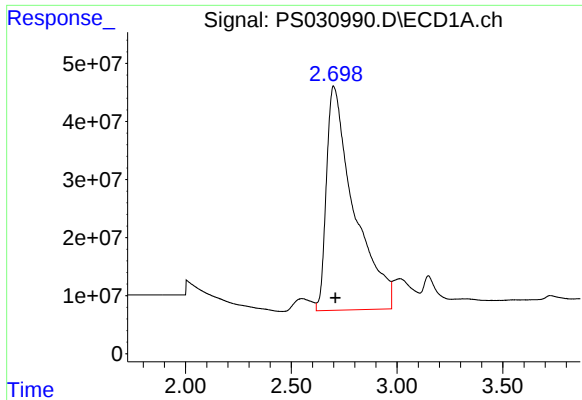
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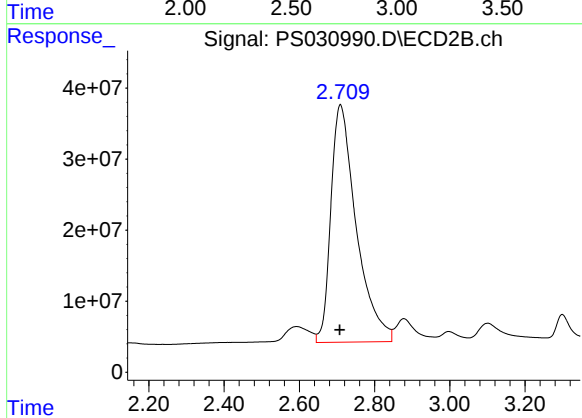
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: -0.010 min
Response: 3496494941
Conc: 586.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

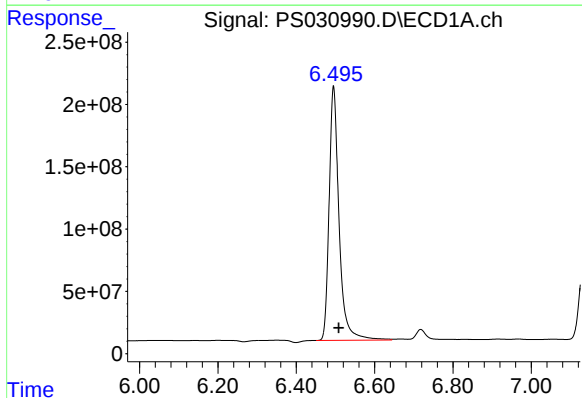
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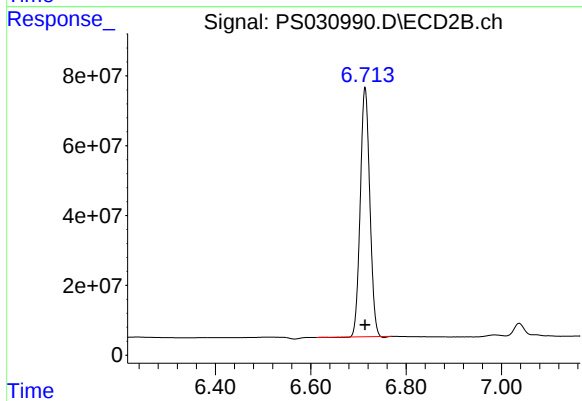
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.002 min
Response: 1569268926
Conc: 572.36 ng/ml



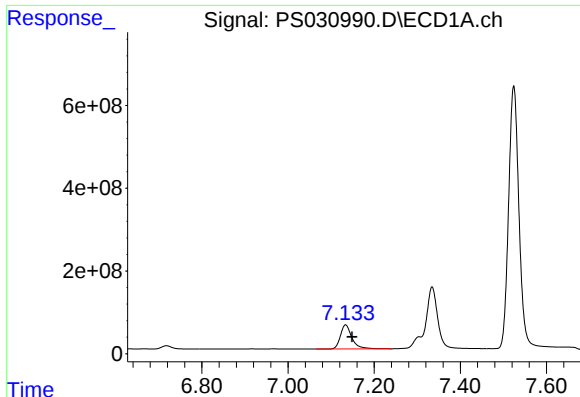
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.495 min
Delta R.T.: -0.014 min
Response: 3605364490
Conc: 670.45 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 986809436
Conc: 611.73 ng/ml



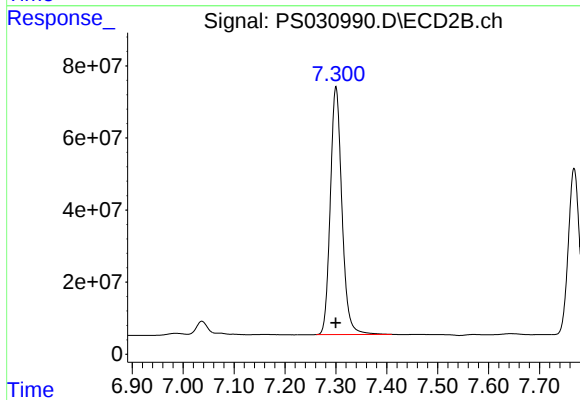
#3 4-Nitrophenol

R.T.: 7.134 min
Delta R.T.: -0.015 min
Response: 1070353906
Conc: 678.83 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

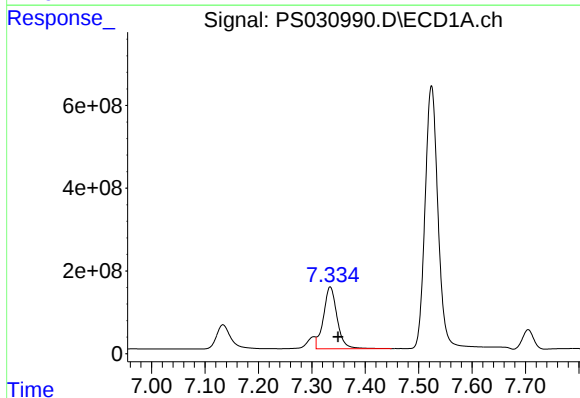
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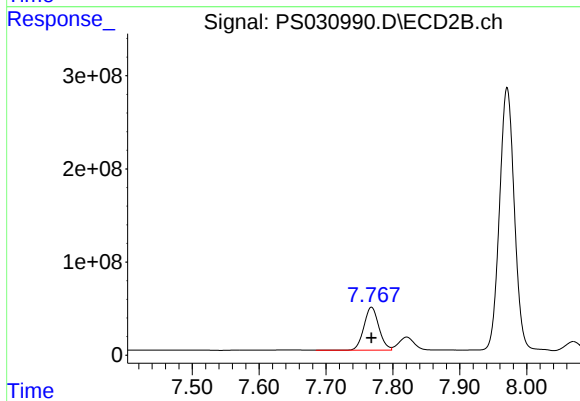
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1090481525
Conc: 629.05 ng/ml



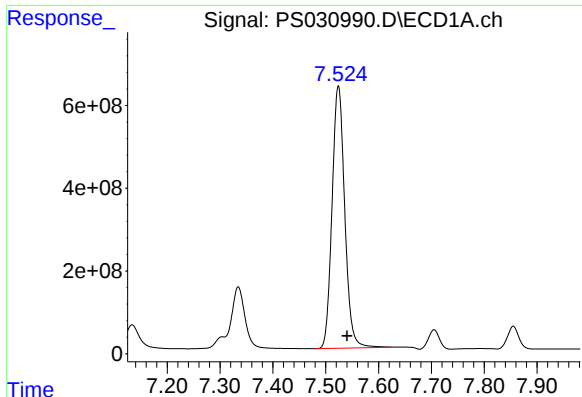
#4 2,4-DCAA

R.T.: 7.334 min
Delta R.T.: -0.015 min
Response: 2641680017
Conc: 718.94 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 720755800
Conc: 672.37 ng/ml



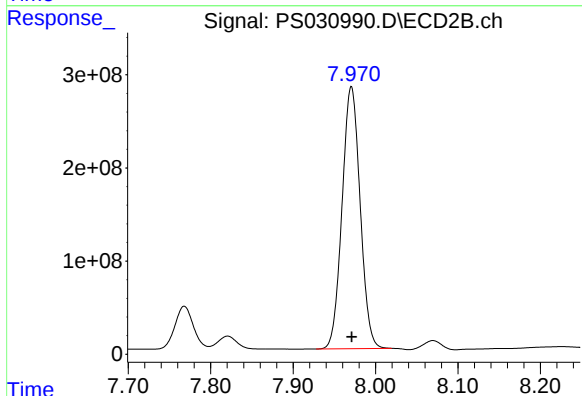
#5 DICAMBA

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 10561634965
Conc: 694.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

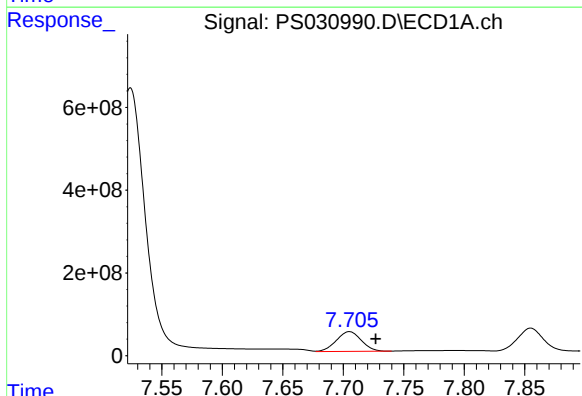
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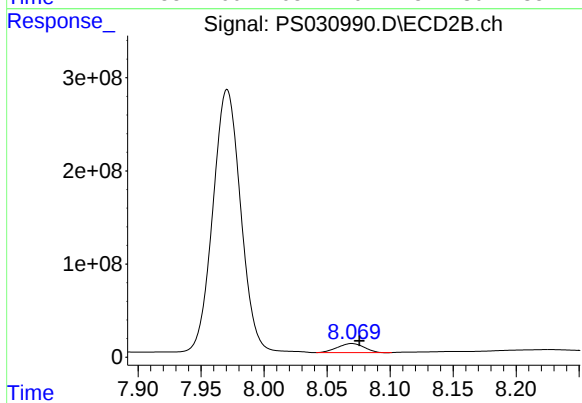
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4292266507
Conc: 654.99 ng/ml



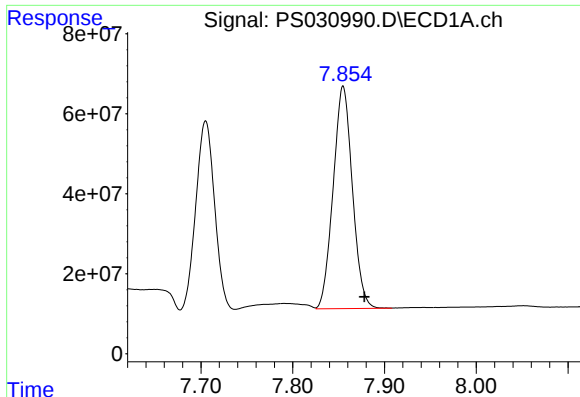
#6 MCP

R.T.: 7.705 min
Delta R.T.: -0.022 min
Response: 678191235
Conc: 72.24 ug/ml m



#6 MCP

R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 143399716
Conc: 68.37 ug/ml



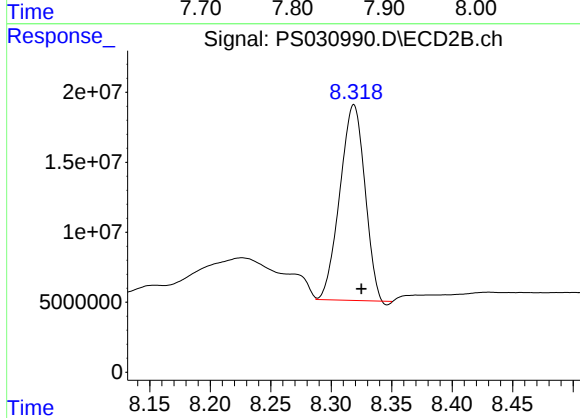
#7 MCPA

R.T.: 7.855 min
Delta R.T.: -0.023 min
Response: 810368765
Conc: 69.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

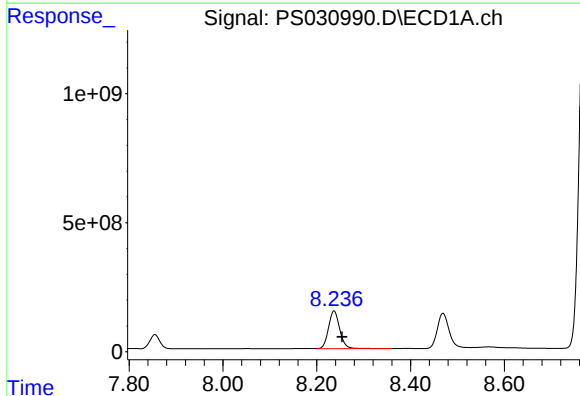
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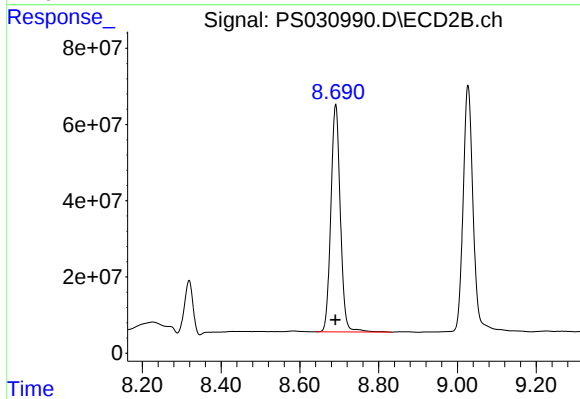
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 200470599
Conc: 63.73 ug/ml



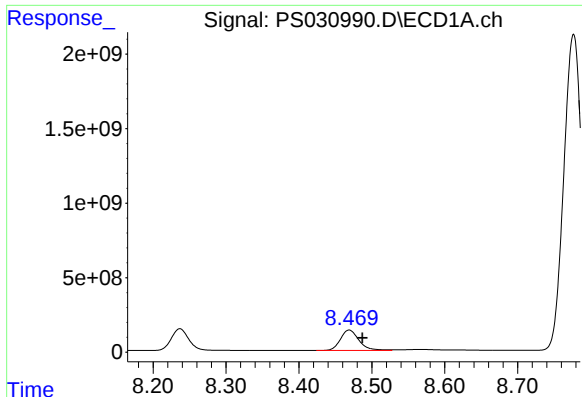
#8 DICHLORPROP

R.T.: 8.237 min
Delta R.T.: -0.018 min
Response: 2434636874
Conc: 649.97 ng/ml



#8 DICHLORPROP

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 995446099
Conc: 633.04 ng/ml



#9 2,4-D

R.T.: 8.469 min
Delta R.T.: -0.018 min
Response: 2420811000
Conc: 702.82 ng/ml

Instrument :

ECD_S

ClientSampleId :

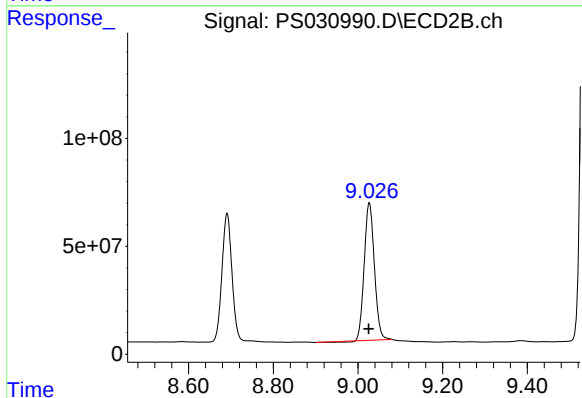
HSTDCCC750

Manual Integrations

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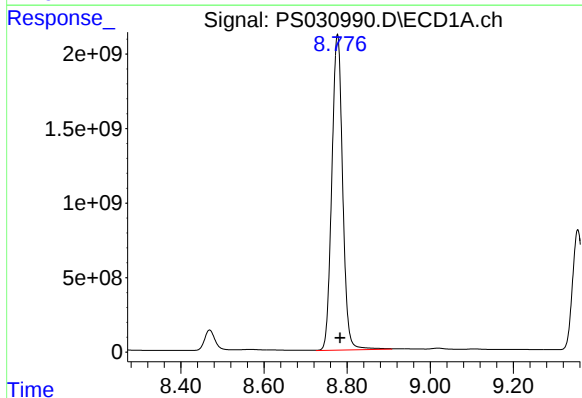
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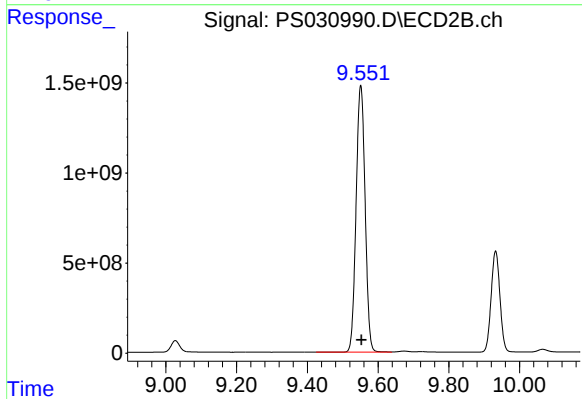
#9 2,4-D

R.T.: 9.027 min
Delta R.T.: 0.001 min
Response: 1058011716
Conc: 622.58 ng/ml



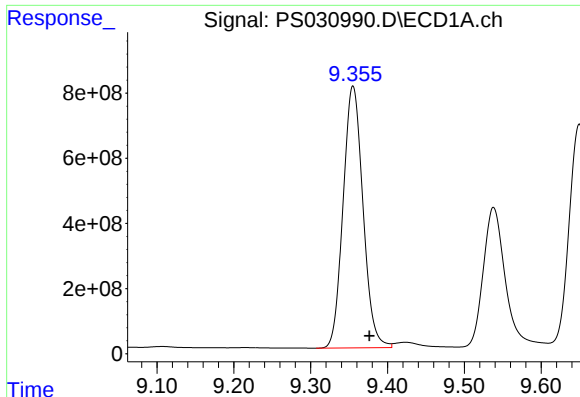
#10 Pentachlorophenol

R.T.: 8.776 min
Delta R.T.: -0.006 min
Response: 38201239849
Conc: 721.79 ng/ml m



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 26213784715
Conc: 687.63 ng/ml



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

R.T.: 9.355 min
Delta R.T.: -0.021 min
Response: 14429534054
Conc: 720.38 ng/ml

Instrument :

ECD_S

ClientSampleId :

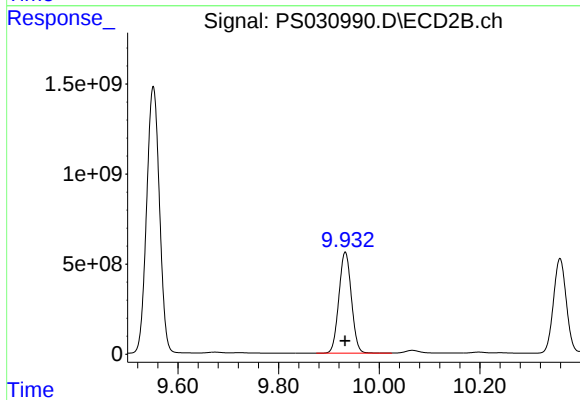
HSTDCCC750

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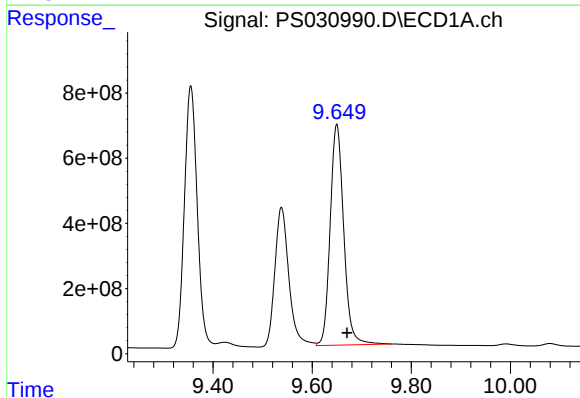
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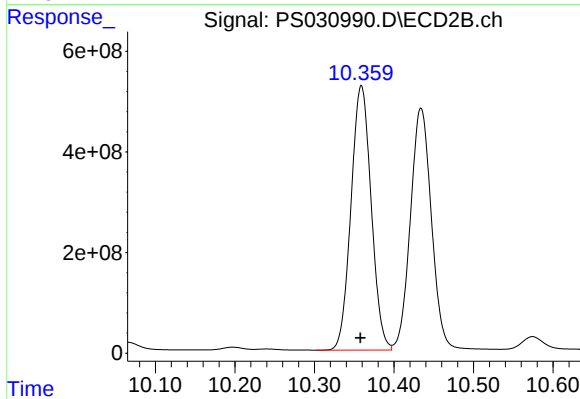
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 9691950754
Conc: 671.71 ng/ml



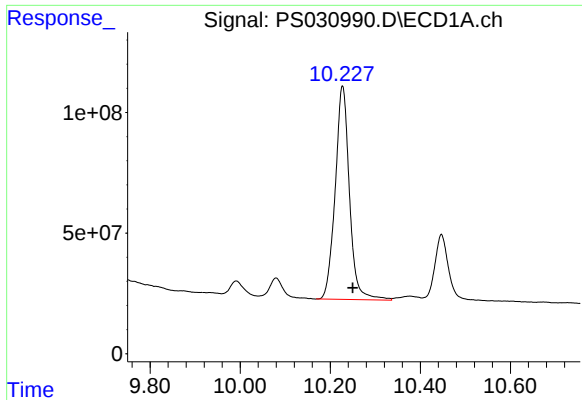
#12 2,4,5-T

R.T.: 9.650 min
Delta R.T.: -0.021 min
Response: 12867922588
Conc: 782.09 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.001 min
Response: 9269714562
Conc: 678.37 ng/ml



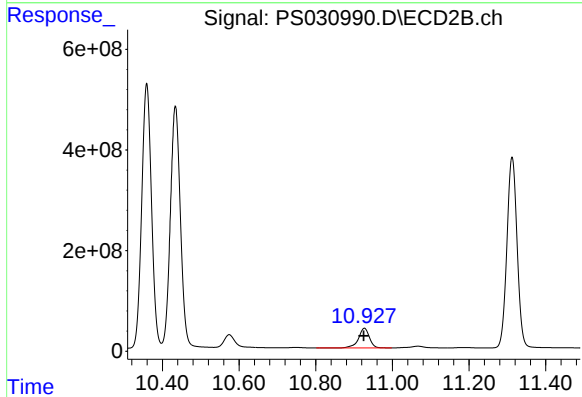
#13 2,4-DB

R.T.: 10.227 min
Delta R.T.: -0.023 min
Response: 1946088670
Conc: 848.52 ng/ml

Instrument :
ECD_S
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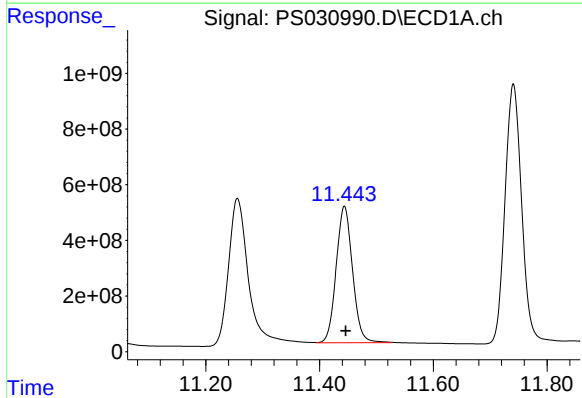
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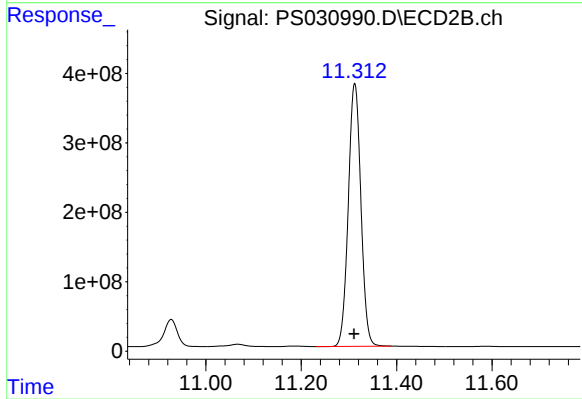
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.002 min
Response: 772490897
Conc: 653.05 ng/ml



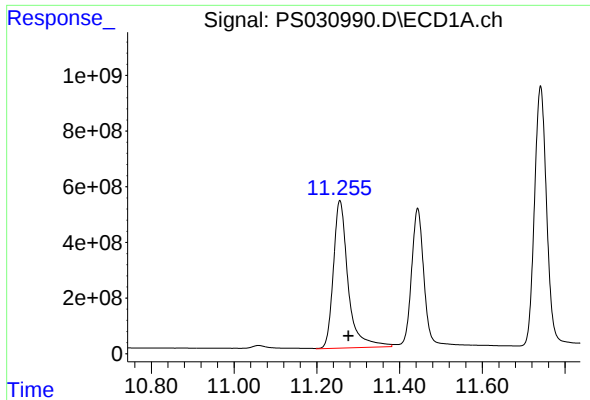
#14 DINOSEB

R.T.: 11.443 min
Delta R.T.: -0.003 min
Response: 9787135982
Conc: 705.47 ng/ml m



#14 DINOSEB

R.T.: 11.312 min
Delta R.T.: 0.001 min
Response: 6942357923
Conc: 643.93 ng/ml



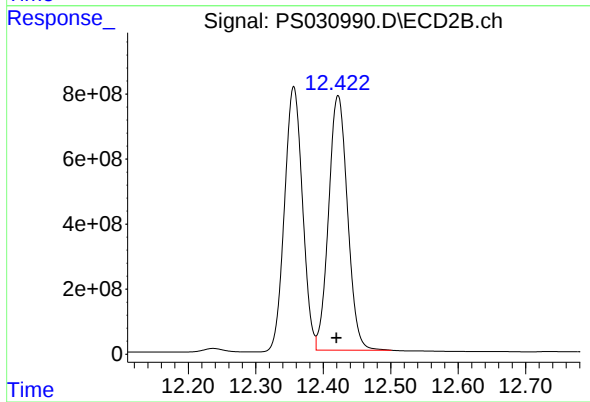
#15 Picloram

R.T.: 11.255 min
Delta R.T.: -0.021 min
Response: 13142657661
Conc: 817.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

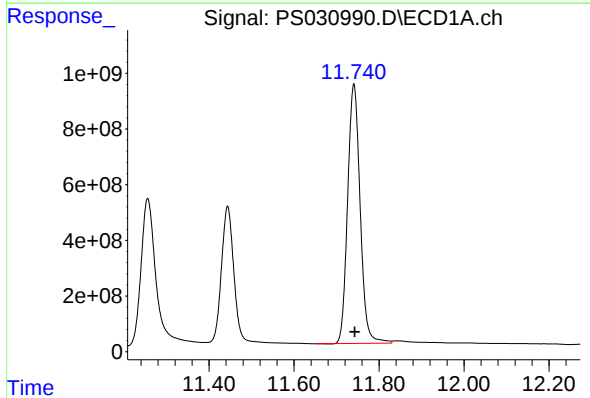
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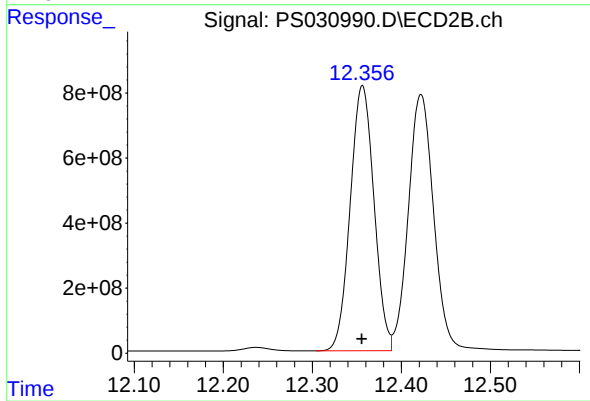
#15 Picloram

R.T.: 12.422 min
Delta R.T.: 0.003 min
Response: 15262789294
Conc: 656.71 ng/ml



#16 DCPA

R.T.: 11.741 min
Delta R.T.: -0.002 min
Response: 19012015835
Conc: 742.19 ng/ml



#16 DCPA

R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 15126254782
Conc: 686.22 ng/ml m