

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
 Data File : PS031007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 16:24
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 03:15:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 03:14:30 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	7.333	7.769	1955.1E6	505.6E6	520.541m	513.825
Target Compounds							
1) T	Dalapon	2.695	2.706	2710.6E6	1273.1E6	468.306	469.589
2) T	3,5-DICHL...	6.494	6.715	2408.8E6	699.2E6	483.265	475.046
3) T	4-Nitroph...	7.133	7.302	604.5E6	764.7E6	469.192	455.711
5) T	DICAMBA	7.522	7.971	7262.3E6	2954.3E6	483.393	471.852
6) T	MCPD	7.701	8.067	405.3E6	97457930	43.845	45.592
7) T	MCPA	7.851	8.316	473.4E6	143.2E6	44.051	45.117
8) T	DICHLORPROP	8.234	8.690	1564.2E6	700.8E6	485.278	484.884
9) T	2,4-D	8.467	9.028	1402.6E6	782.6E6	478.366	483.834
10) T	Pentachlo...	8.773	9.550	25005.5E6	18493.4E6	490.216	485.303
11) T	2,4,5-TP ...	9.352	9.931	8678.6E6	6892.6E6	477.136	486.265
12) T	2,4,5-T	9.647	10.359	6951.4E6	6538.4E6	468.828	483.243
13) T	2,4-DB	10.225	10.926	970.0E6	546.9E6	464.473	485.707
14) T	DINOSEB	11.438	11.310	5994.7E6	5205.5E6	467.344	476.757
15) T	Picloram	11.256	12.422	6552.3E6	10862.6E6	457.775	465.908
16) T	DCPA	11.736	12.354	11264.6E6	10701.1E6	481.906	487.830

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031007.D
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Acq On : 11 Jul 2025 16:24
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

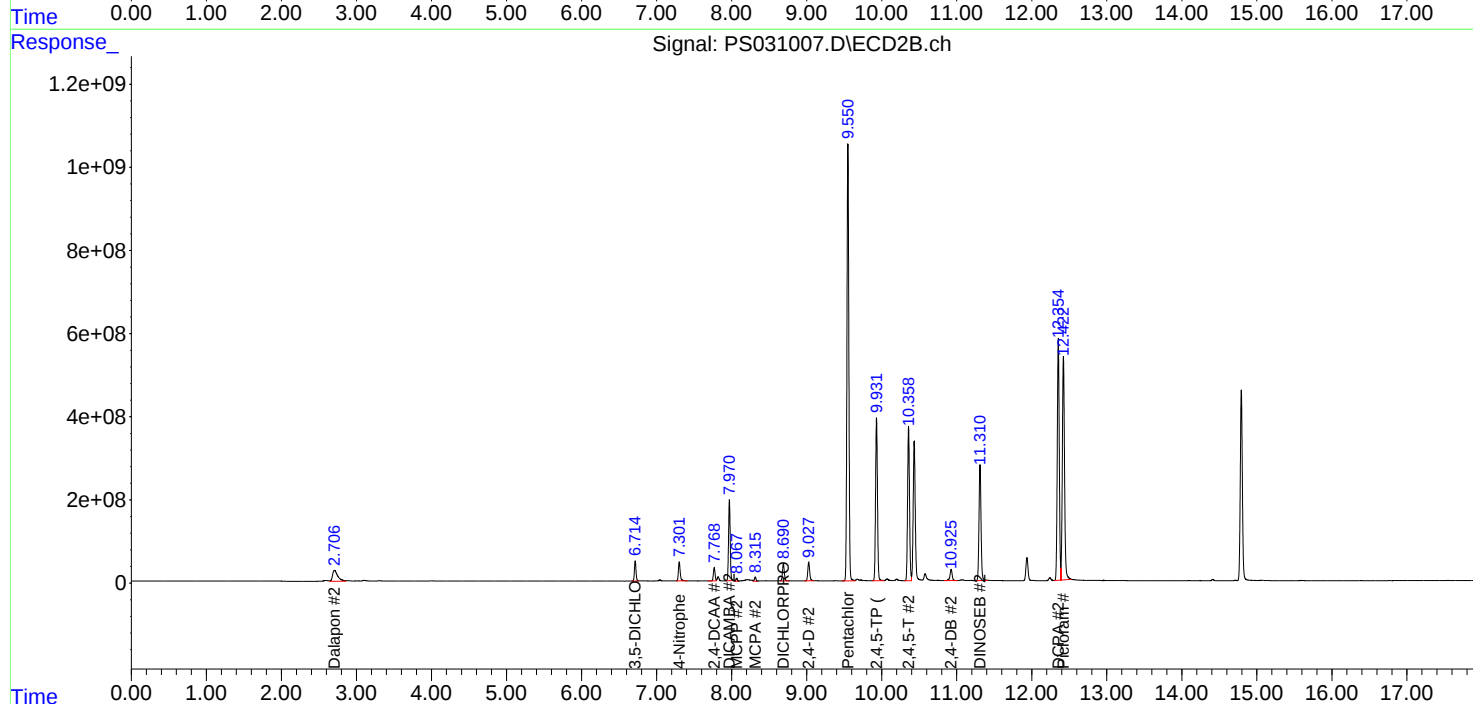
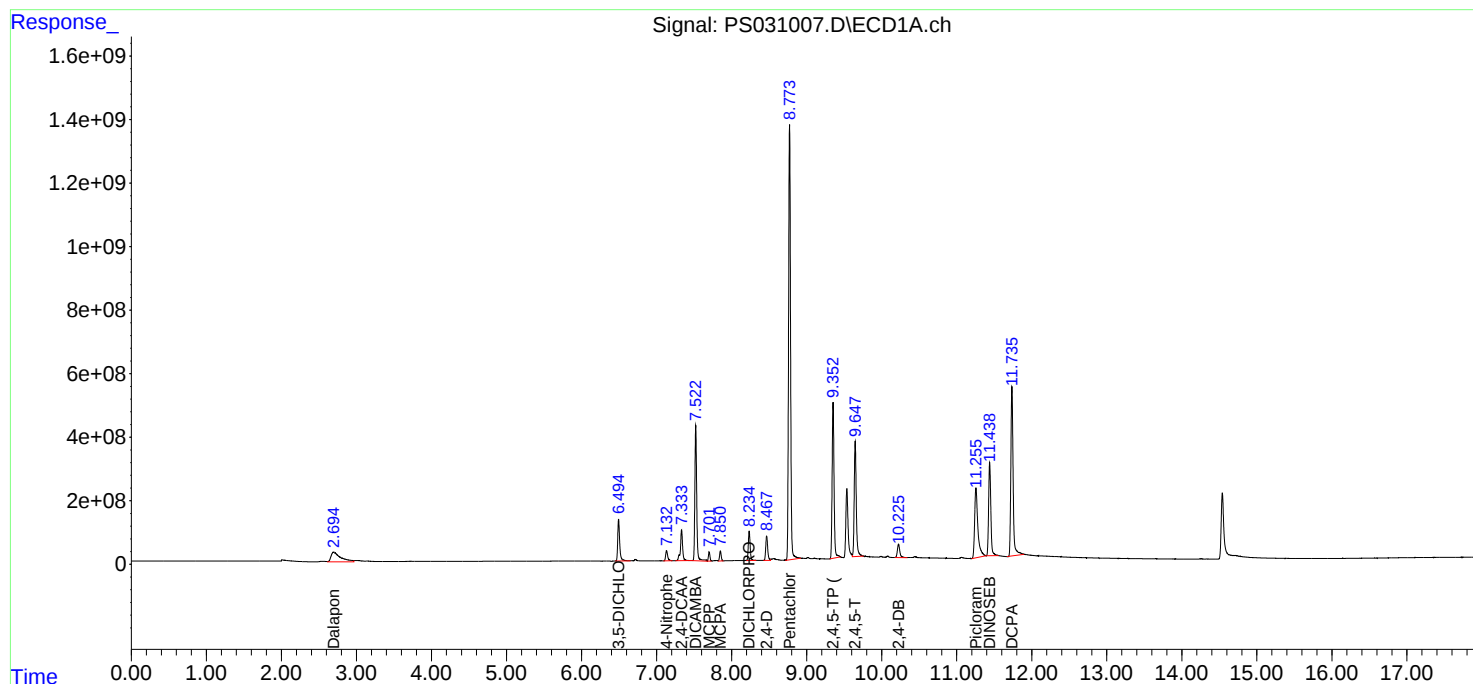
Instrument :
ECD_S
ClientSampleId :
HSTDICC500

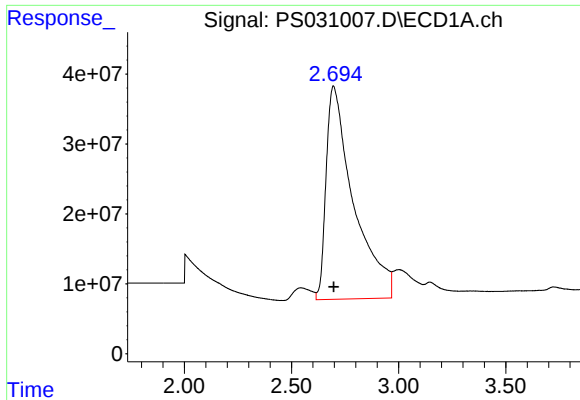
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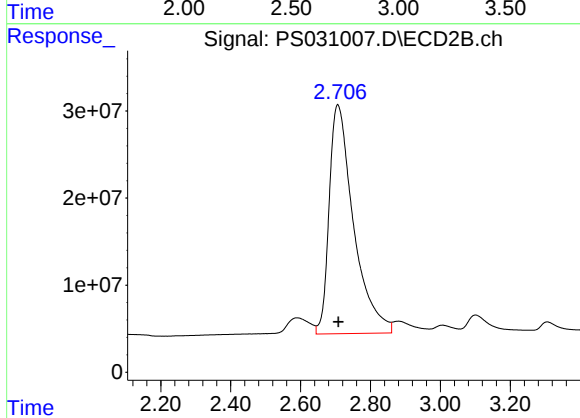
#1 Dalapon

R.T.: 2.695 min
Delta R.T.: -0.003 min
Response: 2710551692
Conc: 468.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

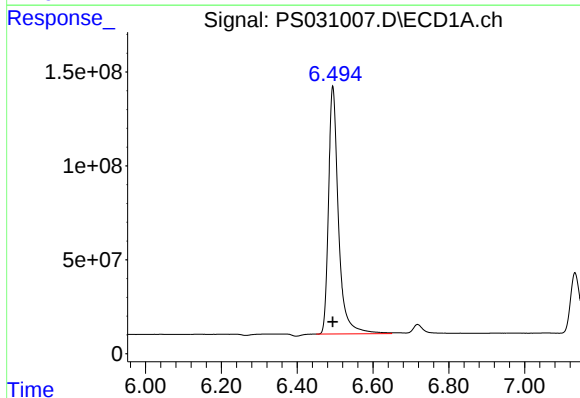
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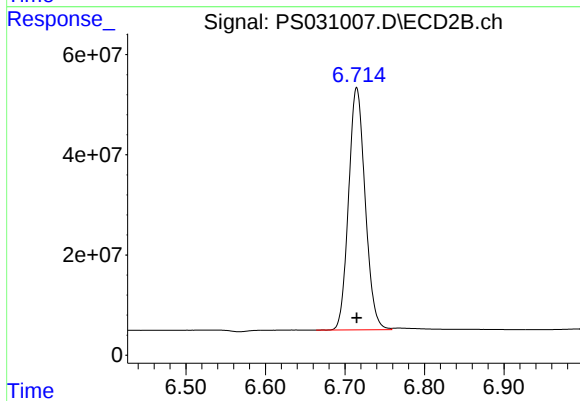
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 1273143119
Conc: 469.59 ng/ml



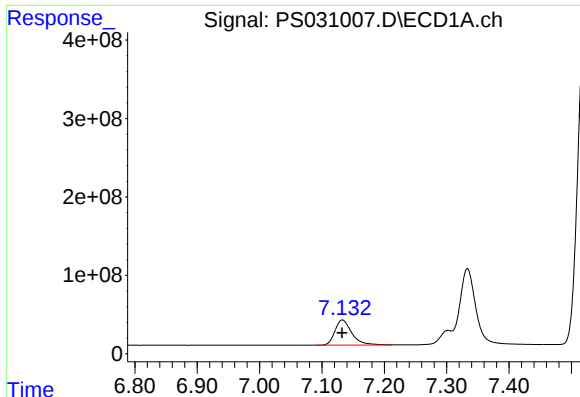
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 2408780023
Conc: 483.27 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 699162962
Conc: 475.05 ng/ml



#3 4-Nitrophenol

R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 604547873
Conc: 469.19 ng/ml

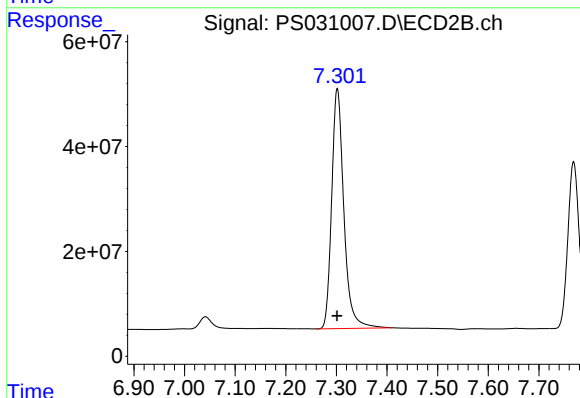
Instrument :

ECD_S

ClientSampleId :
HSTDICC500

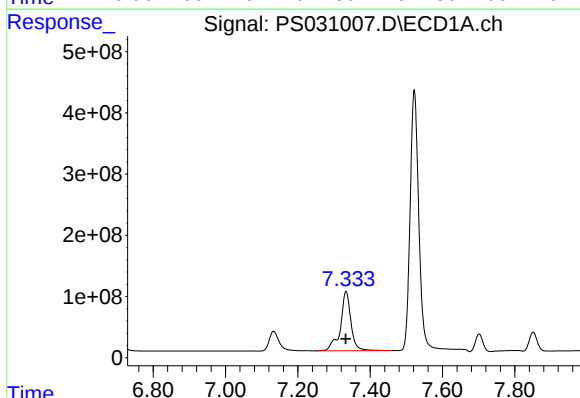
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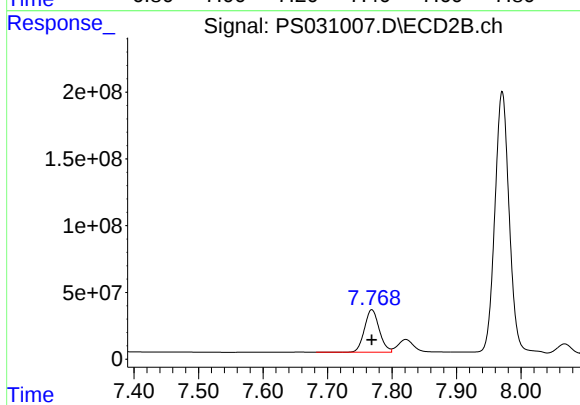
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 764689174
Conc: 455.71 ng/ml



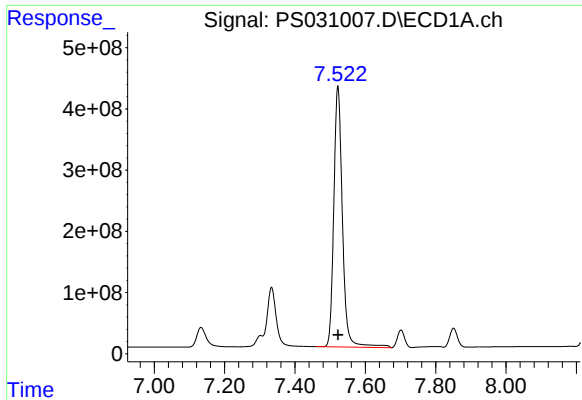
#4 2,4-DCAA

R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 1955127320
Conc: 520.54 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 505640178
Conc: 513.82 ng/ml



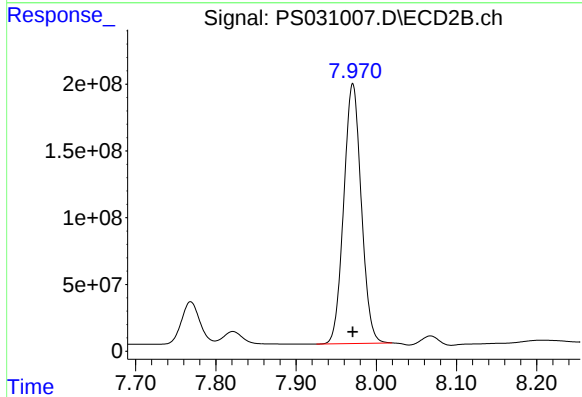
#5 DICAMBA

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 7262329980
Conc: 483.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

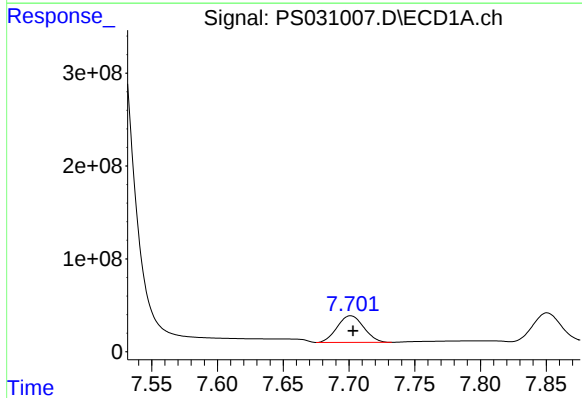
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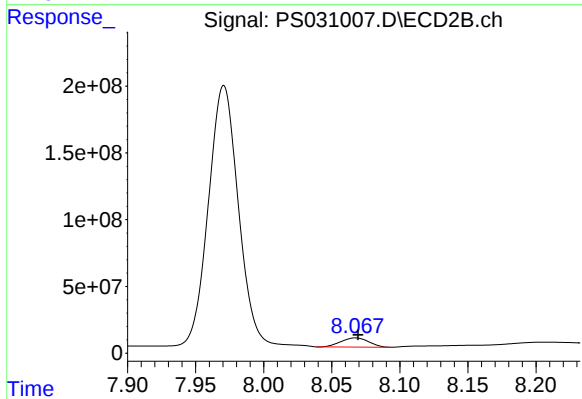
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 2954281766
Conc: 471.85 ng/ml



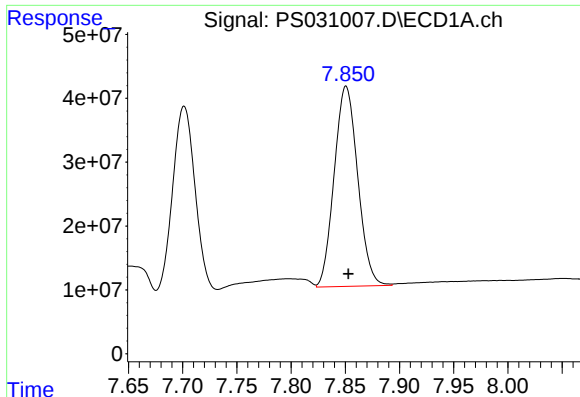
#6 MCP

R.T.: 7.701 min
Delta R.T.: -0.002 min
Response: 405254028
Conc: 43.85 ug/ml



#6 MCP

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 97457930
Conc: 45.59 ug/ml



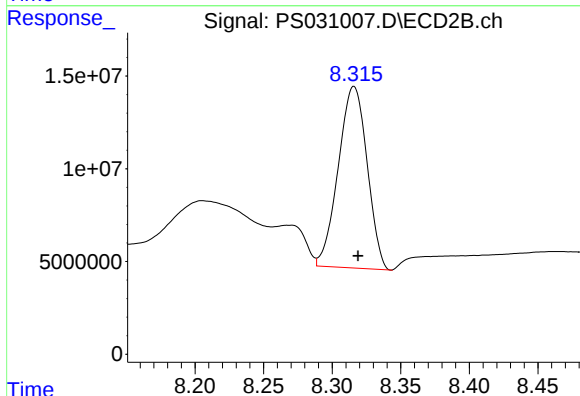
#7 MCPA

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 473399368
Conc: 44.05 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

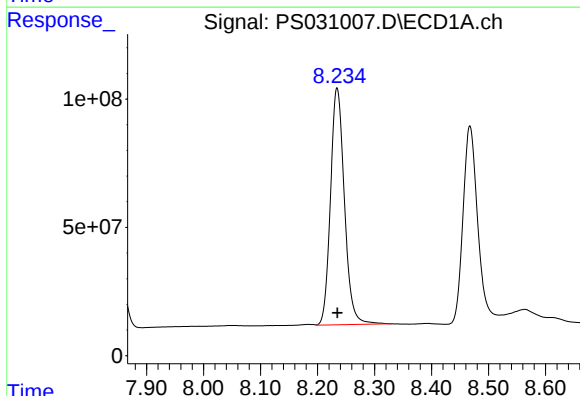
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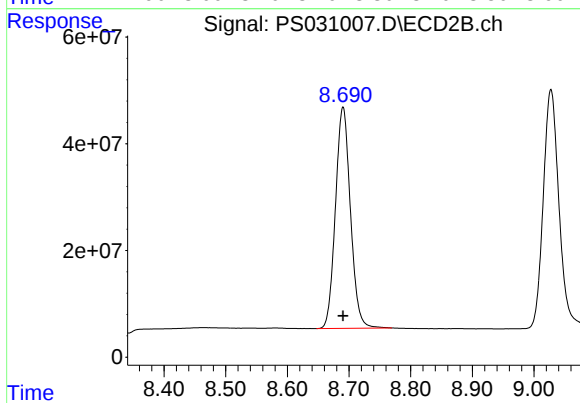
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 143236463
Conc: 45.12 ug/ml



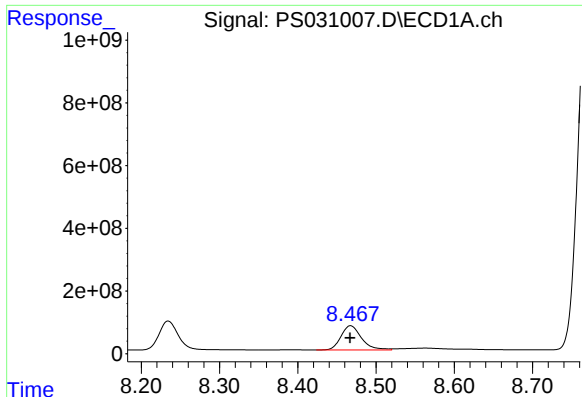
#8 DICHLORPROP

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 1564216081
Conc: 485.28 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 700848755
Conc: 484.88 ng/ml



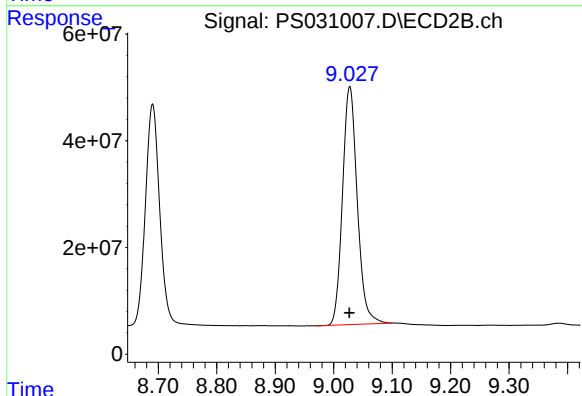
#9 2,4-D

R.T.: 8.467 min
Delta R.T.: 0.000 min
Response: 1402561111
Conc: 478.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

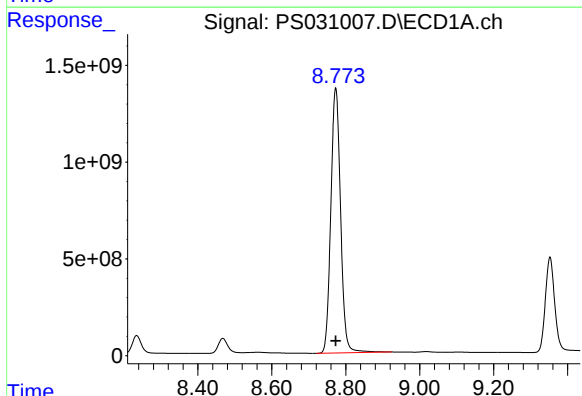
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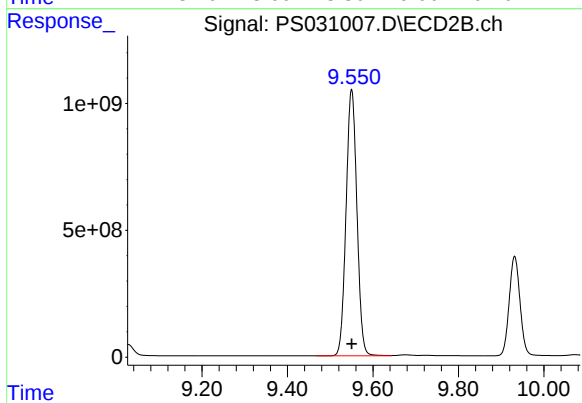
#9 2,4-D

R.T.: 9.028 min
Delta R.T.: 0.000 min
Response: 782625431
Conc: 483.83 ng/ml



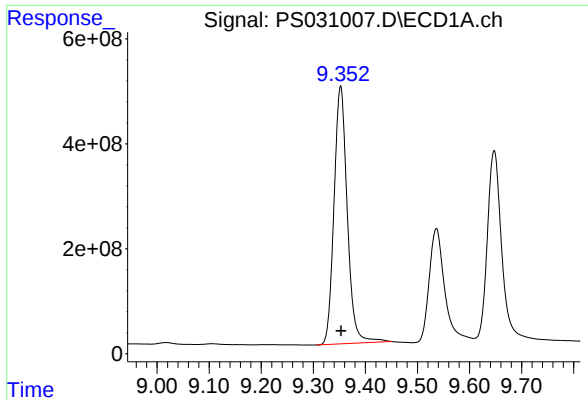
#10 Pentachlorophenol

R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 25005502043
Conc: 490.22 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 18493426690
Conc: 485.30 ng/ml



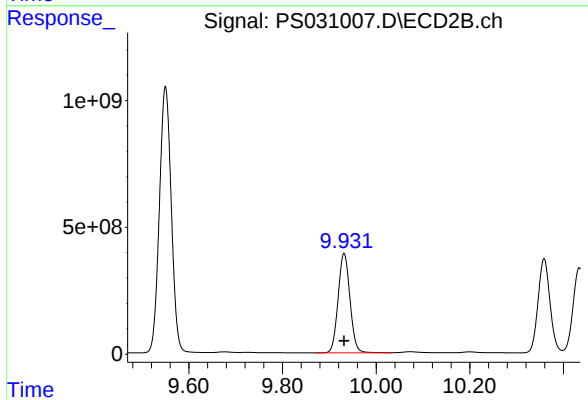
#11 2,4,5-TP (SILVEX)

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 8678606941
Conc: 477.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

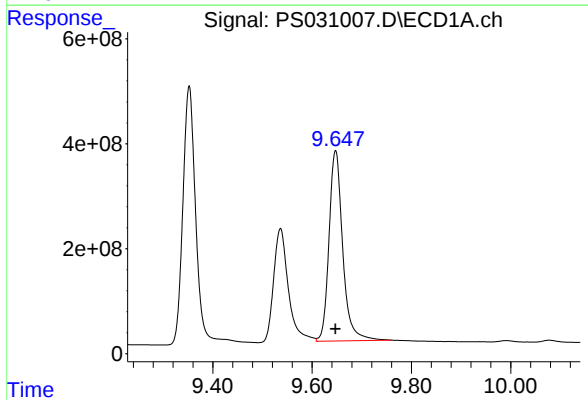
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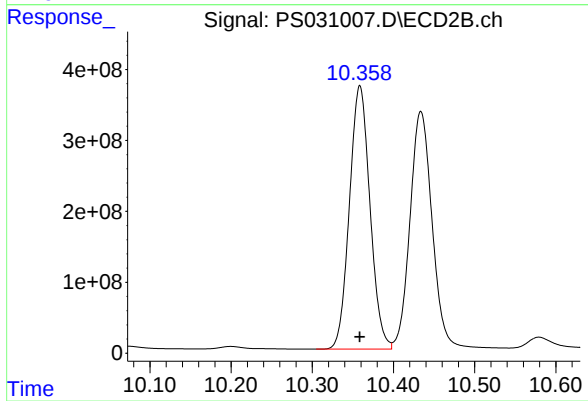
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 6892612786
Conc: 486.27 ng/ml



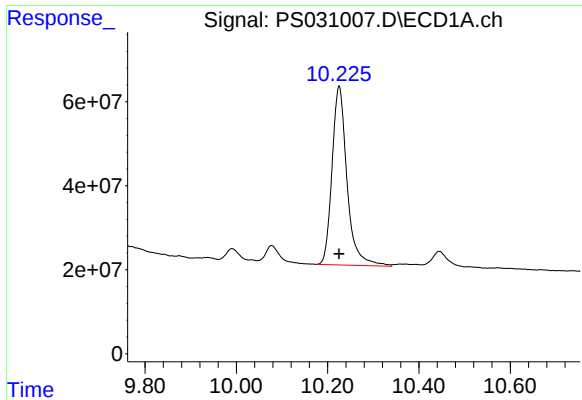
#12 2,4,5-T

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 6951414781
Conc: 468.83 ng/ml



#12 2,4,5-T

R.T.: 10.359 min
Delta R.T.: 0.000 min
Response: 6538368101
Conc: 483.24 ng/ml



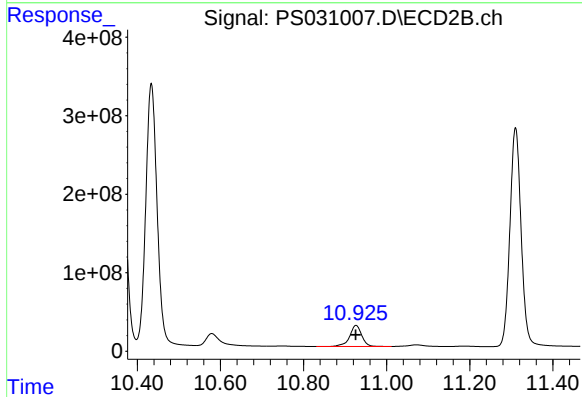
#13 2,4-DB

R.T.: 10.225 min
Delta R.T.: 0.000 min
Response: 969975772
Conc: 464.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
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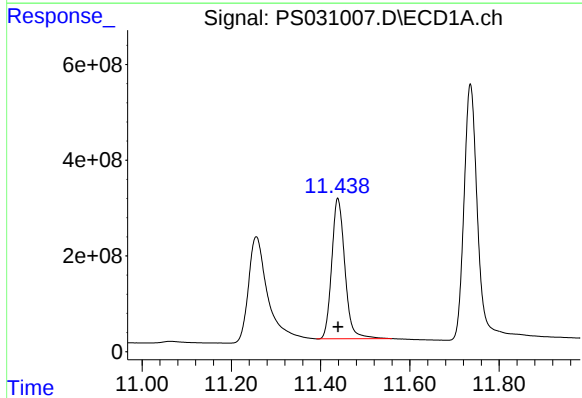
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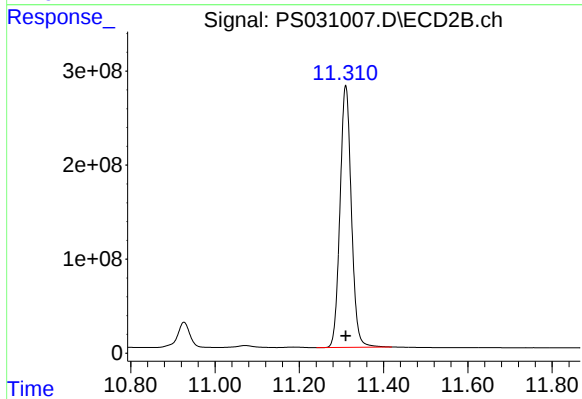
#13 2,4-DB

R.T.: 10.926 min
Delta R.T.: 0.000 min
Response: 546929014
Conc: 485.71 ng/ml



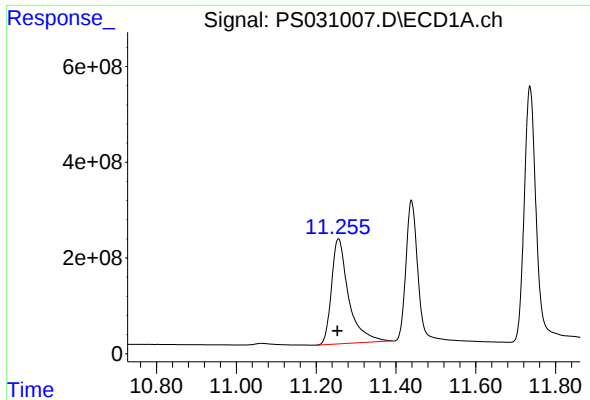
#14 DINOSEB

R.T.: 11.438 min
Delta R.T.: 0.000 min
Response: 5994657508
Conc: 467.34 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 5205530111
Conc: 476.76 ng/ml



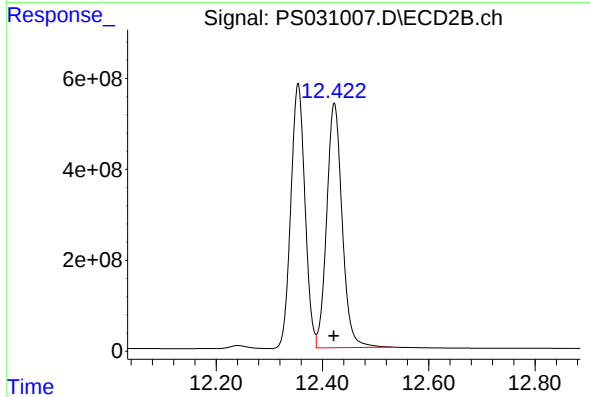
#15 Picloram

R.T.: 11.256 min
Delta R.T.: 0.002 min
Response: 6552347497
Conc: 457.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

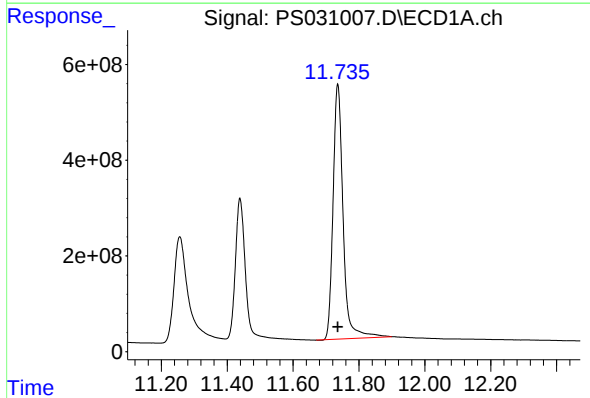
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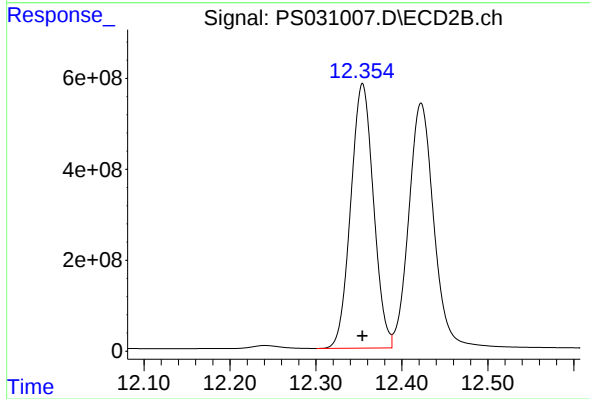
#15 Picloram

R.T.: 12.422 min
Delta R.T.: 0.001 min
Response: 10862643503
Conc: 465.91 ng/ml



#16 DCPA

R.T.: 11.736 min
Delta R.T.: 0.000 min
Response: 11264648267
Conc: 481.91 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 10701128854
Conc: 487.83 ng/ml