

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 13:18
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:43:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:43:14 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 x 0.5 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	6.934	7.454	2026.9E6	580.1E6	750.000	750.000
Target Compounds							
1) T	Dalapon	2.446	2.520	3133.2E6	1315.1E6	682.500	682.500
2) T	3,5-DICHL...	6.138	6.453	2769.2E6	767.6E6	697.500	697.500
3) T	4-Nitroph...	6.724	6.988	1343.5E6	641.1E6	682.500	682.500
5) T	DICAMBA	7.110	7.639	7854.1E6	3279.2E6	705.000	705.000
6) T	MCP	7.289	7.747	537.2E6	133.6E6	70.500	70.500
7) T	MCPA	7.431	7.977	712.2E6	183.9E6	69.750	69.750
8) T	DICHLORPROP	7.789	8.332	1955.3E6	804.4E6	705.000	705.000
9) T	2,4-D	8.010	8.644	2194.7E6	879.9E6	705.000	705.000
10) T	Pentachlo...	8.287	9.145	28320.5E6	17364.8E6	712.500	712.500
11) T	2,4,5-TP ...	8.850	9.523	11129.1E6	6909.2E6	712.500	712.500
12) T	2,4,5-T	9.133	9.926	11344.7E6	6442.6E6	712.500	712.500
13) T	2,4-DB	9.689	10.485	1827.1E6	675.8E6	712.500	712.500
14) T	DINOSEB	10.851	10.858	7747.2E6	4702.8E6	705.000	705.000
15) T	Picloram	10.670	11.894	14857.3E6	9721.1E6	712.500	727.171m
16) T	DCPA	11.153	11.893	13839.9E6	10000.3E6	720.000	727.183m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030127.D
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Acq On : 12 May 2025 13:18
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

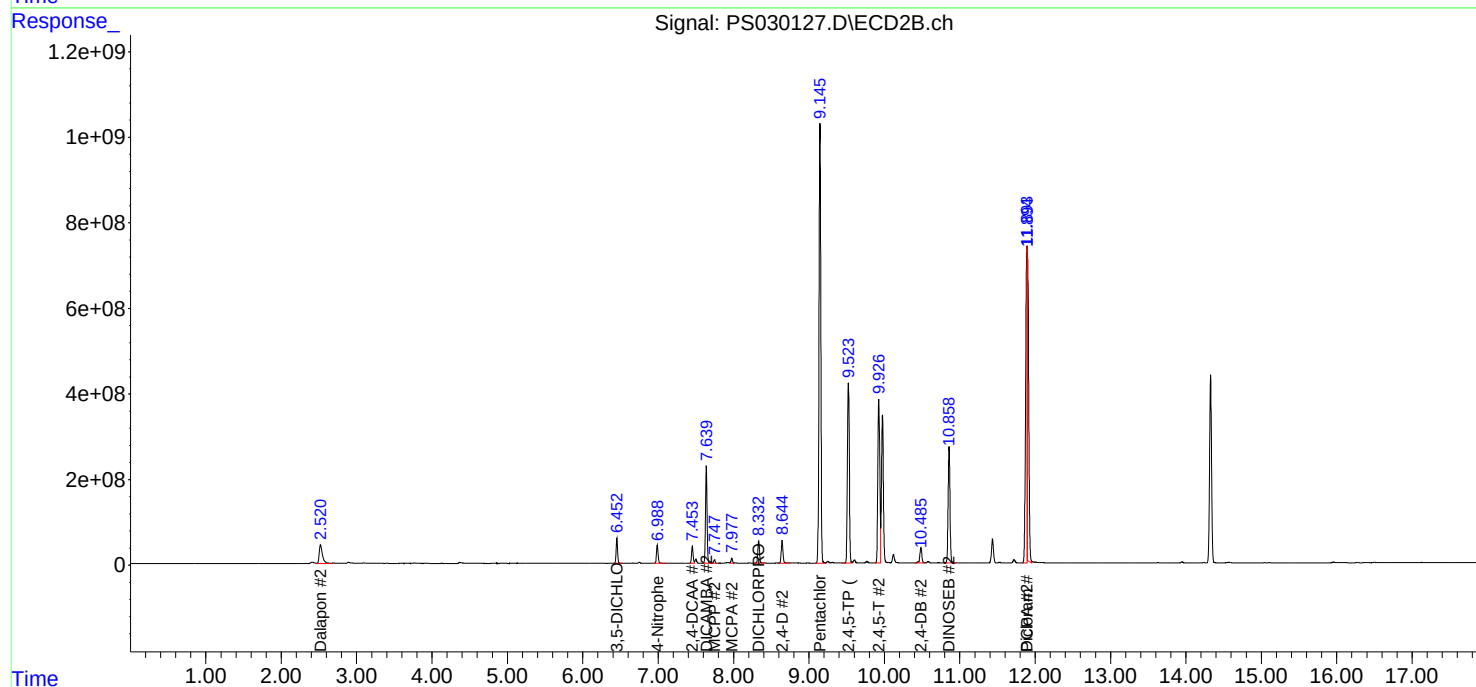
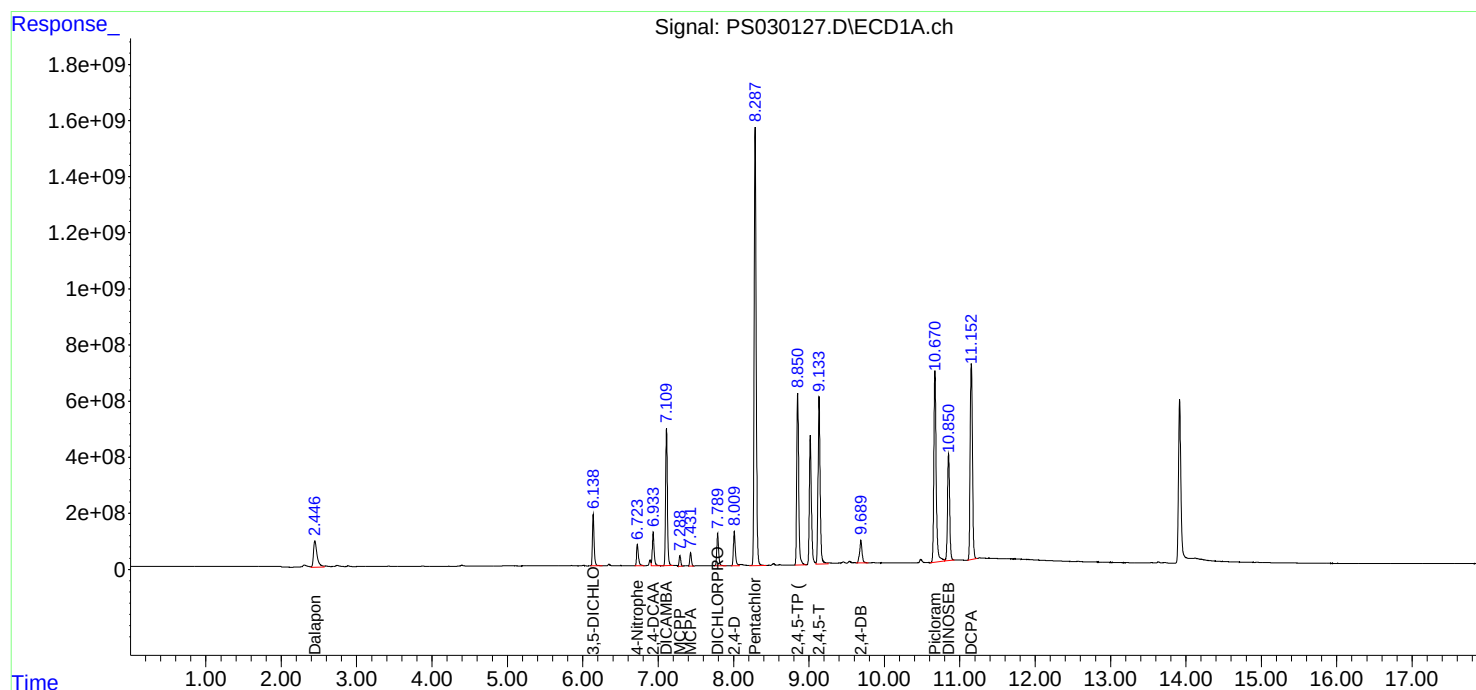
Instrument :
ECD_S
ClientSampleId :
HSTDICC750

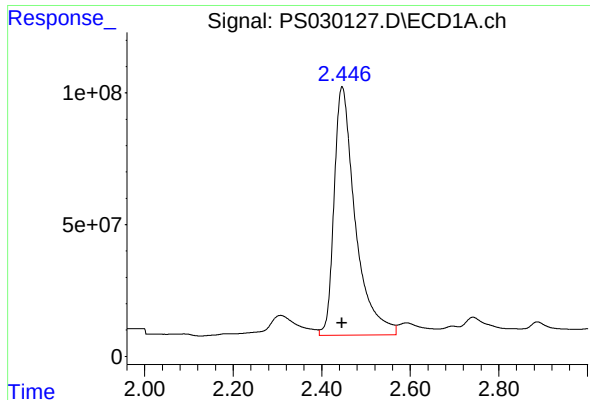
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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QLast Update : Mon May 12 13:43:14 2025
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





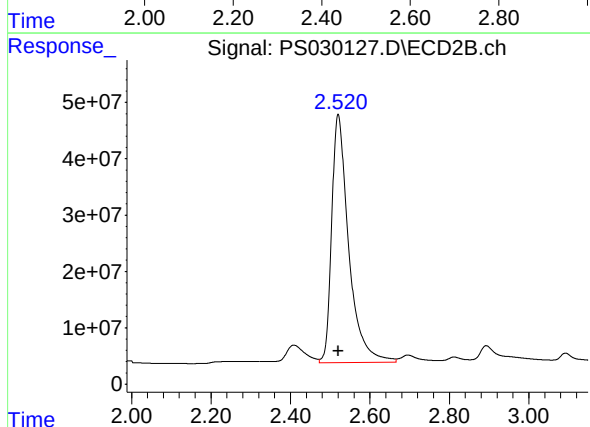
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: 0.000 min
Response: 3133158349
Conc: 682.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

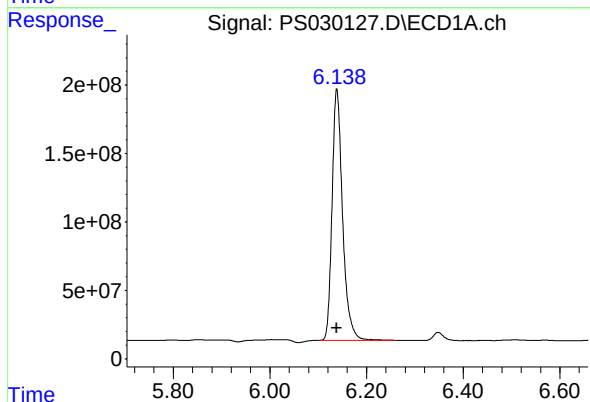
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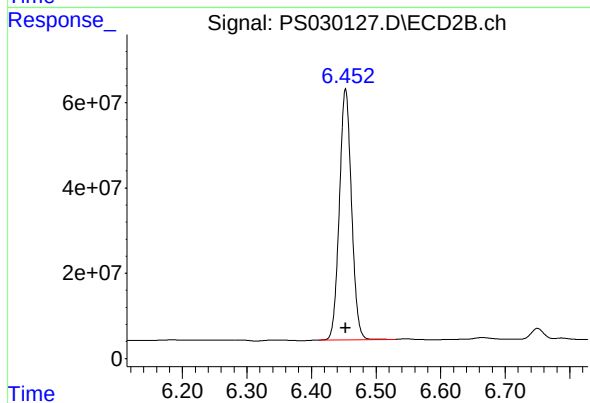
#1 Dalapon

R.T.: 2.520 min
Delta R.T.: 0.000 min
Response: 1315149862
Conc: 682.50 ng/ml



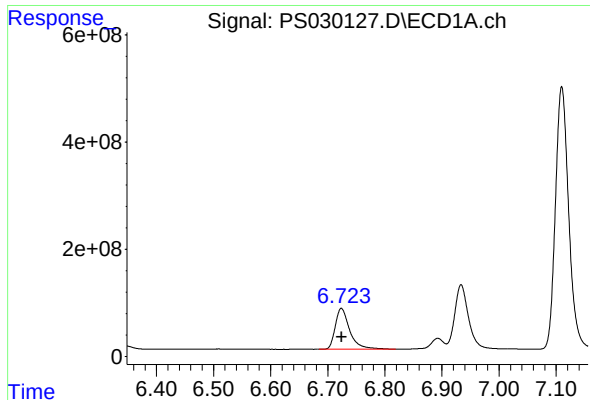
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 2769161837
Conc: 697.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 767622050
Conc: 697.50 ng/ml



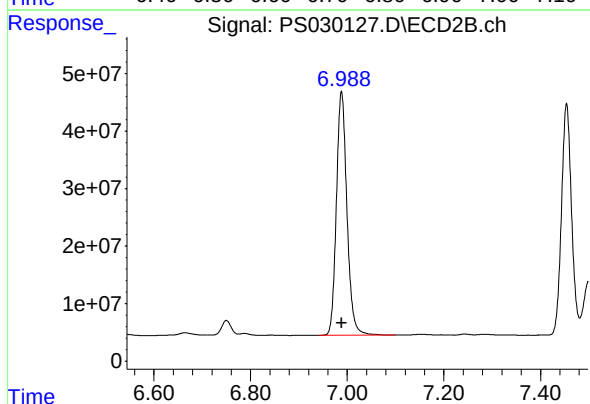
#3 4-Nitrophenol

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 1343548396
Conc: 682.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

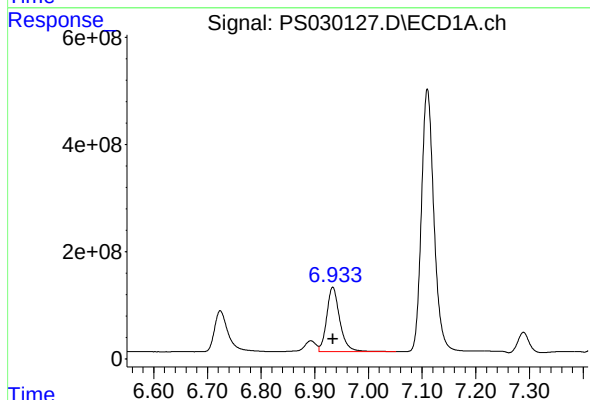
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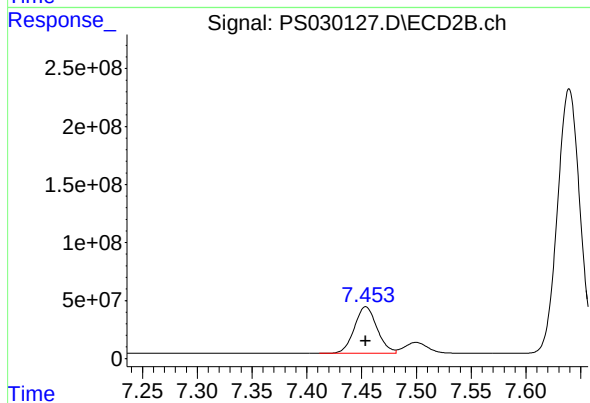
#3 4-Nitrophenol

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 641076357
Conc: 682.50 ng/ml



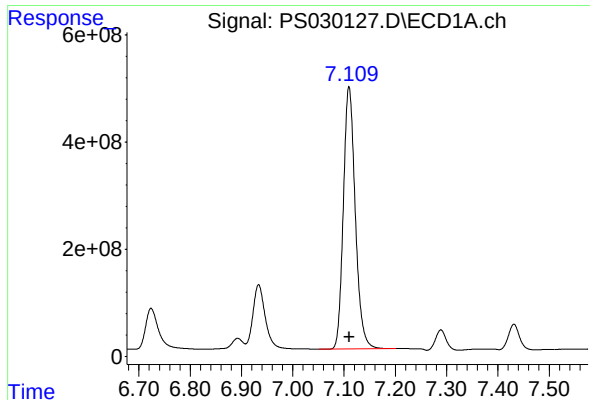
#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 2026887217
Conc: 750.00 ng/ml



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 580117400
Conc: 750.00 ng/ml



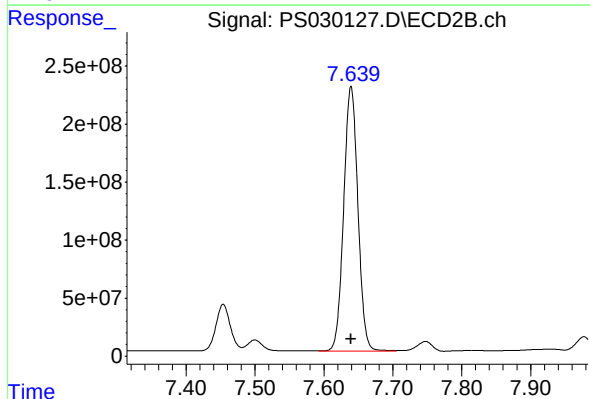
#5 DICAMBA

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 7854114223
Conc: 705.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

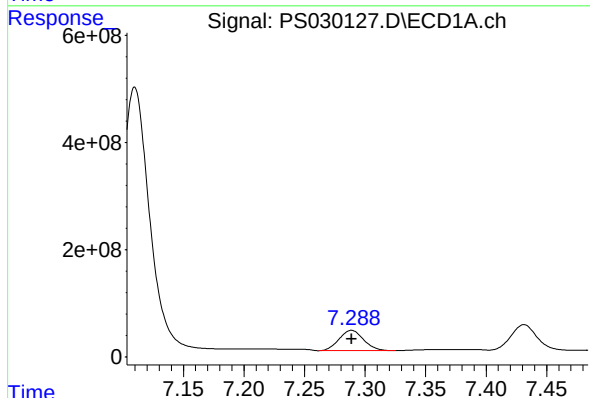
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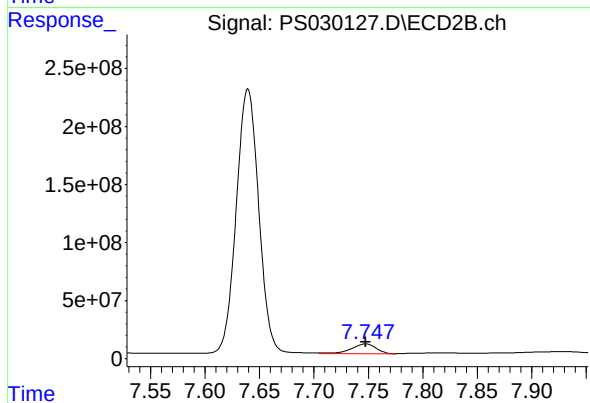
#5 DICAMBA

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 3279195420
Conc: 705.00 ng/ml



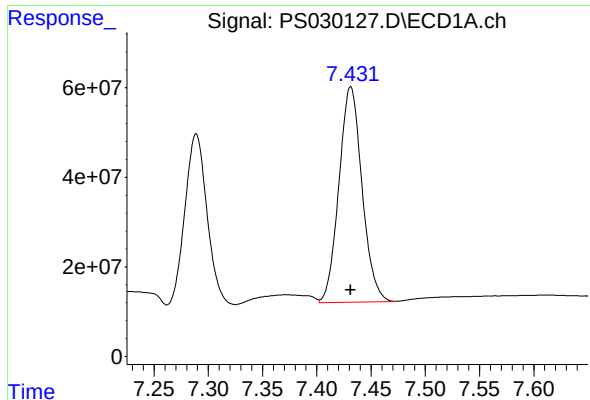
#6 MCPP

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 537195040
Conc: 70.50 ug/ml



#6 MCPP

R.T.: 7.747 min
Delta R.T.: 0.000 min
Response: 133635367
Conc: 70.50 ug/ml



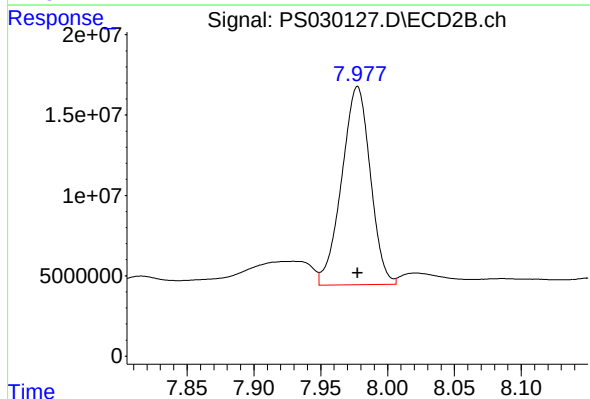
#7 MCPA

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 712187358
Conc: 69.75 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

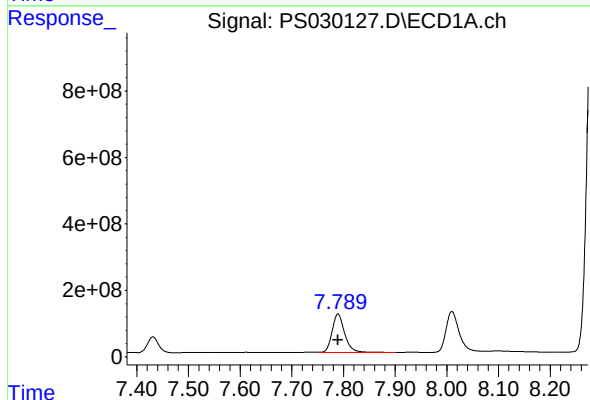
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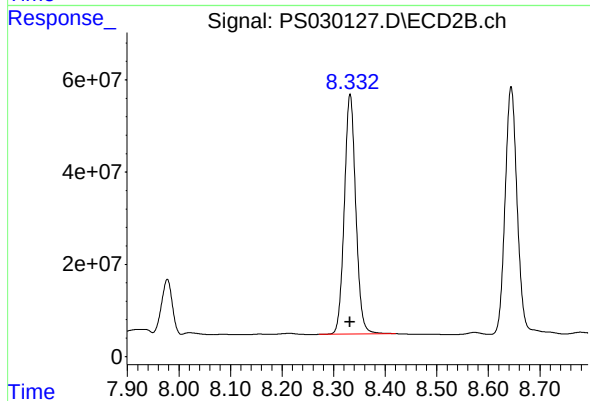
#7 MCPA

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 183893475
Conc: 69.75 ug/ml



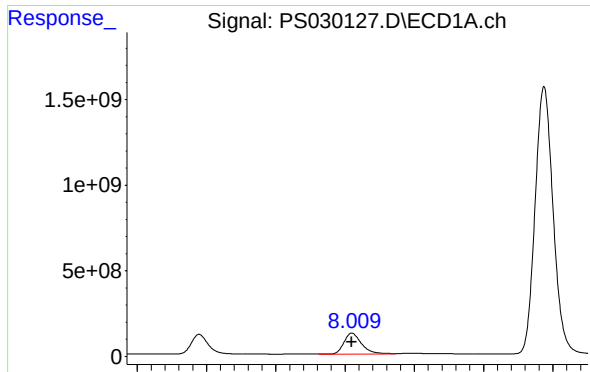
#8 DICHLORPROP

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 1955297251
Conc: 705.00 ng/ml



#8 DICHLORPROP

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 804351271
Conc: 705.00 ng/ml



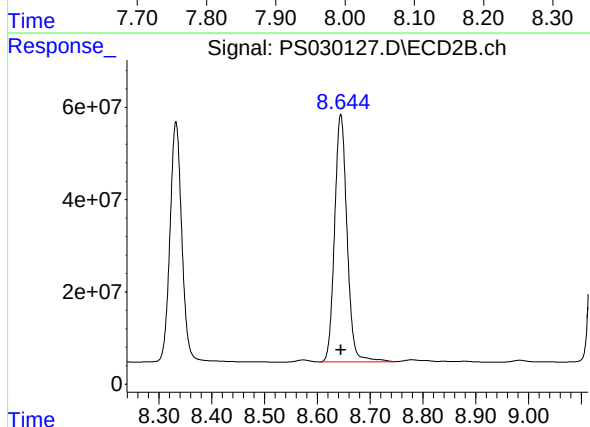
#9 2,4-D

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 2194684914
Conc: 705.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

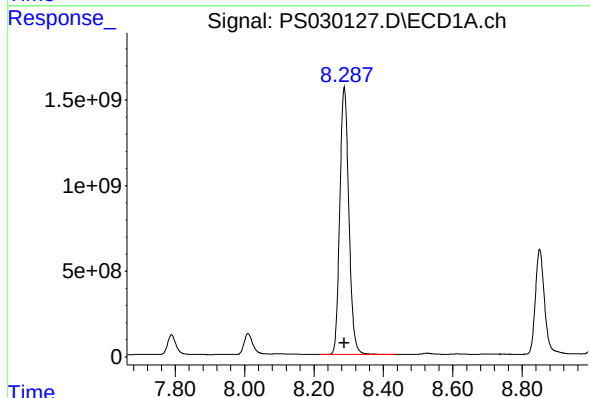
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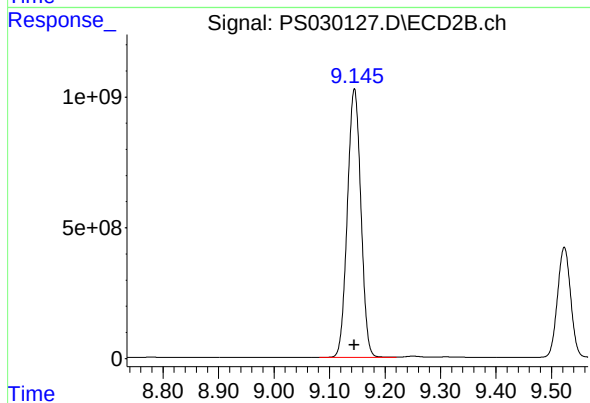
#9 2,4-D

R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 879885440
Conc: 705.00 ng/ml



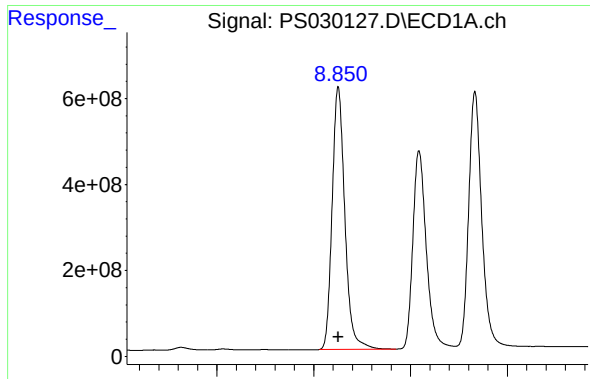
#10 Pentachlorophenol

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 28320537284
Conc: 712.50 ng/ml



#10 Pentachlorophenol

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 17364839374
Conc: 712.50 ng/ml



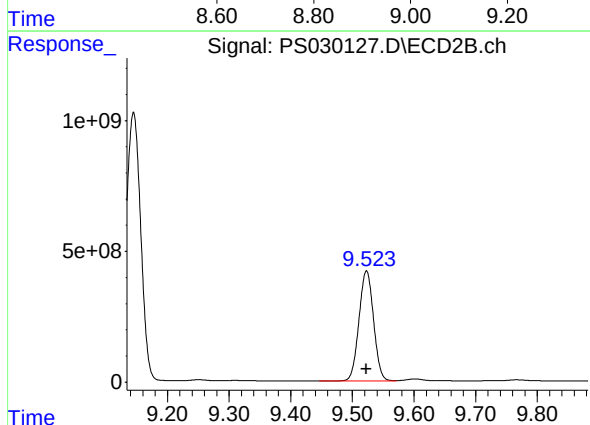
#11 2,4,5-TP (SILVEX)

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 11129138127
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

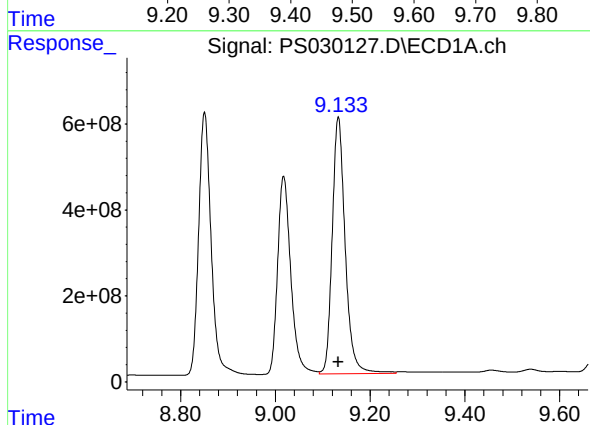
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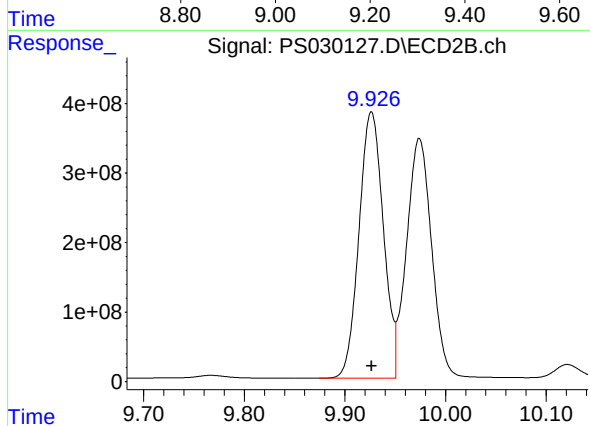
#11 2,4,5-TP (SILVEX)

R.T.: 9.523 min
Delta R.T.: 0.000 min
Response: 6909193932
Conc: 712.50 ng/ml



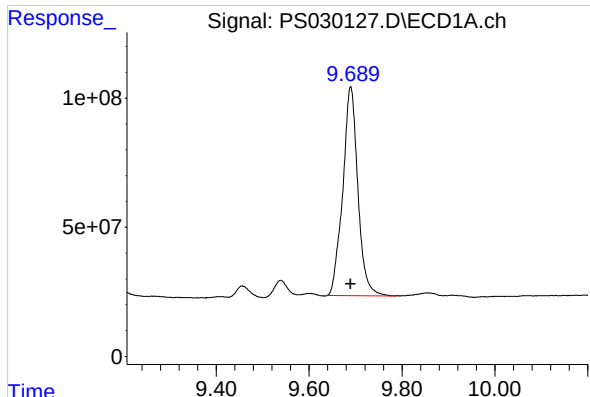
#12 2,4,5-T

R.T.: 9.133 min
Delta R.T.: 0.000 min
Response: 11344714278
Conc: 712.50 ng/ml



#12 2,4,5-T

R.T.: 9.926 min
Delta R.T.: 0.000 min
Response: 6442637993
Conc: 712.50 ng/ml



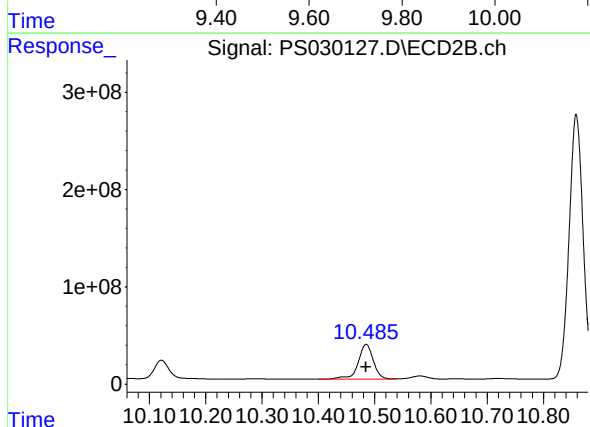
#13 2,4-DB

R.T.: 9.689 min
Delta R.T.: 0.000 min
Response: 1827095707
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

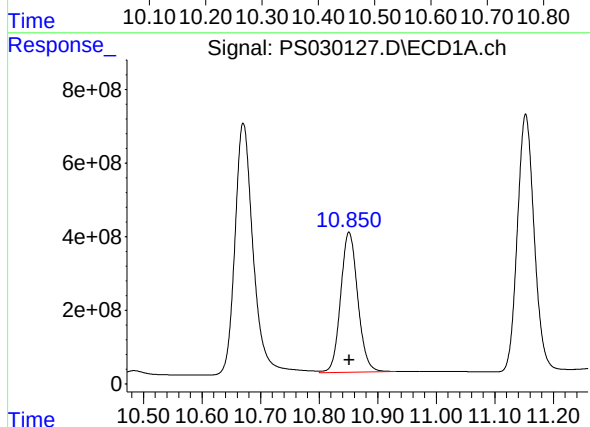
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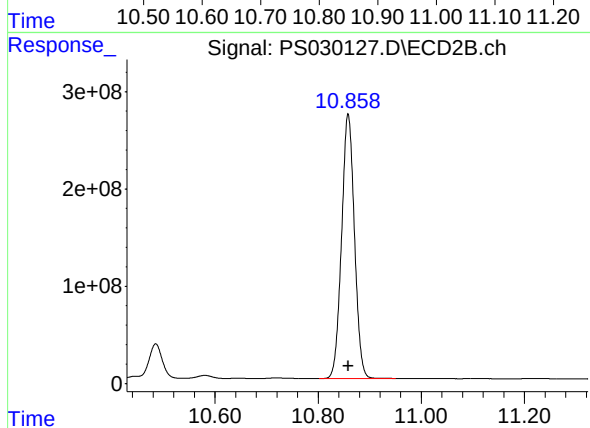
#13 2,4-DB

R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 675795698
Conc: 712.50 ng/ml



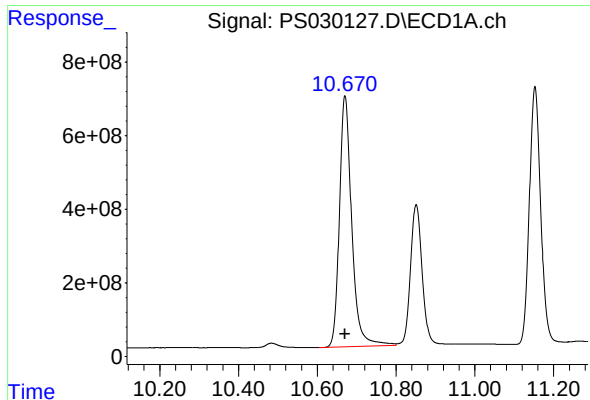
#14 DINOSEB

R.T.: 10.851 min
Delta R.T.: 0.000 min
Response: 7747230847
Conc: 705.00 ng/ml



#14 DINOSEB

R.T.: 10.858 min
Delta R.T.: 0.000 min
Response: 4702817976
Conc: 705.00 ng/ml



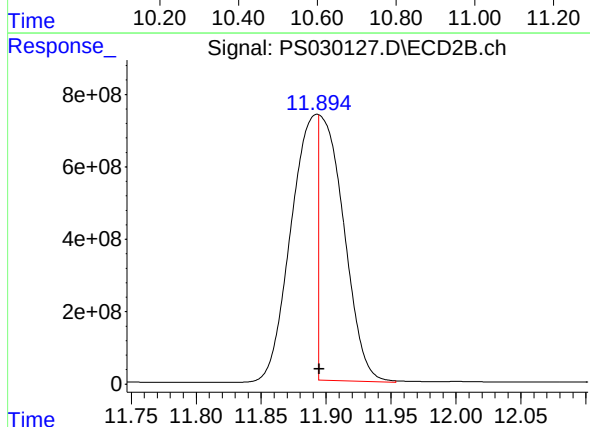
#15 Picloram

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 14857335996
Conc: 712.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

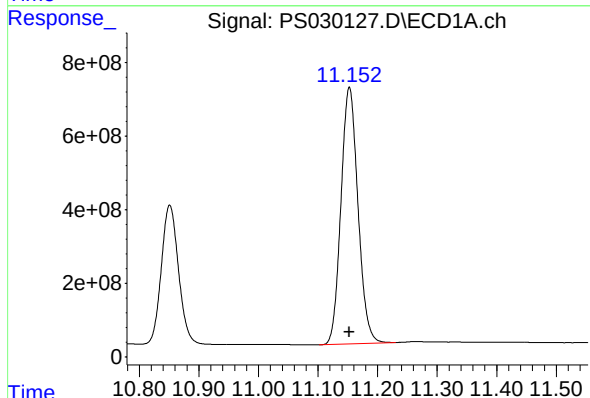
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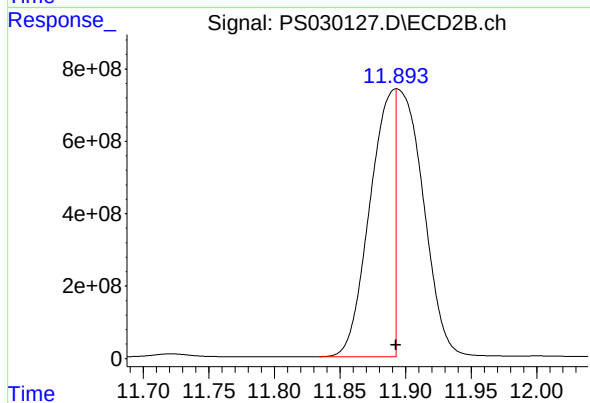
#15 Picloram

R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 9721067141
Conc: 727.17 ng/ml m



#16 DCPA

R.T.: 11.153 min
Delta R.T.: 0.000 min
Response: 13839943513
Conc: 720.00 ng/ml



#16 DCPA

R.T.: 11.893 min
Delta R.T.: 0.000 min
Response: 10000255480
Conc: 727.18 ng/ml m