

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 16:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 17:06:20 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	7.366	7.773	2717.3E6	766.5E6	719.778m	712.643
Target Compounds							
1) T	Dalapon	2.718	2.711	3806.7E6	1792.5E6	674.116	654.202
2) T	3,5-DICHL...	6.523	6.716	3679.7E6	1064.9E6	678.124	680.789
3) T	4-Nitroph...	7.165	7.302	1206.1E6	1048.2E6	657.714	668.817
5) T	DICAMBA	7.558	7.977	10706.5E6	4437.3E6	694.213	688.842
6) T	MCP	7.741	8.077	695.3E6	160.0E6	70.194	69.234
7) T	MCPA	7.892	8.326	869.9E6	218.5E6	68.554	70.812m
8) T	DICHLORPROP	8.275	8.697	2469.0E6	994.6E6	678.653	670.147
9) T	2,4-D	8.508	9.033	2509.2E6	1069.7E6	688.647	680.337
10) T	Pentachlo...	8.817	9.560	38034.0E6	25385.3E6	748.905	702.454
11) T	2,4,5-TP ...	9.400	9.940	14496.6E6	9468.9E6	701.502	690.319
12) T	2,4,5-T	9.694	10.367	13037.4E6	9113.1E6	707.360	697.941
13) T	2,4-DB	10.275	10.934	2159.3E6	788.2E6	711.142	685.668m
14) T	DINOSEB	11.498	11.320	9792.5E6	6802.1E6	681.218	676.818
15) T	Picloram	11.302	12.427	13741.9E6	15366.2E6	686.932	695.813
16) T	DCPA	11.793	12.365	18479.3E6	14202.5E6	698.912	694.059

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

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Acq On : 04 Jun 2025 16:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

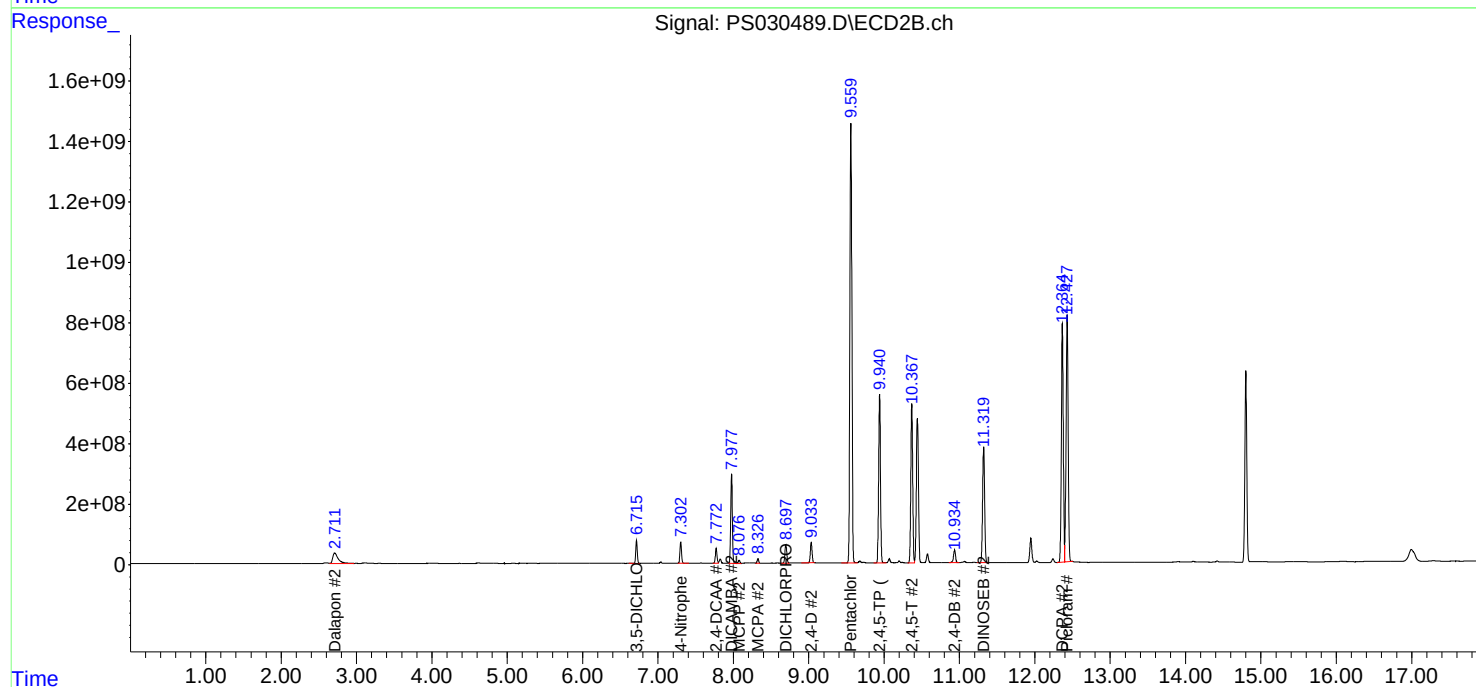
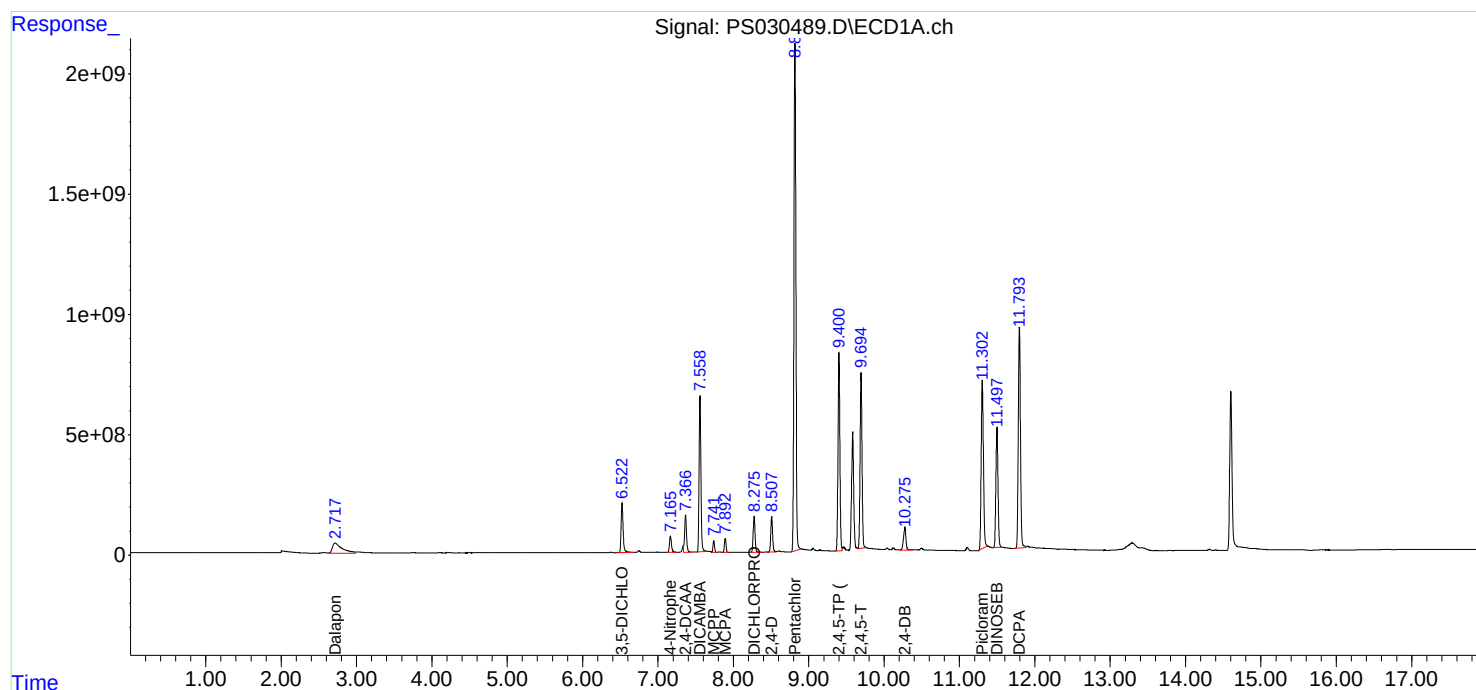
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

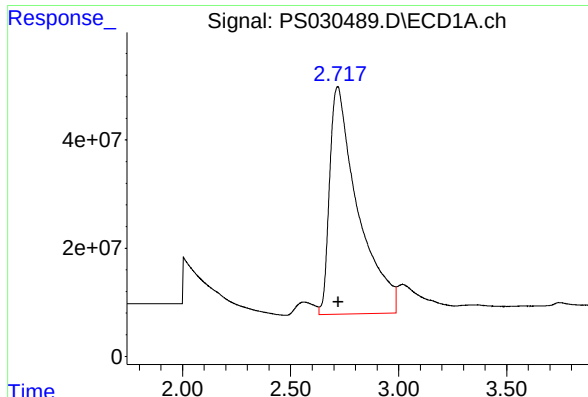
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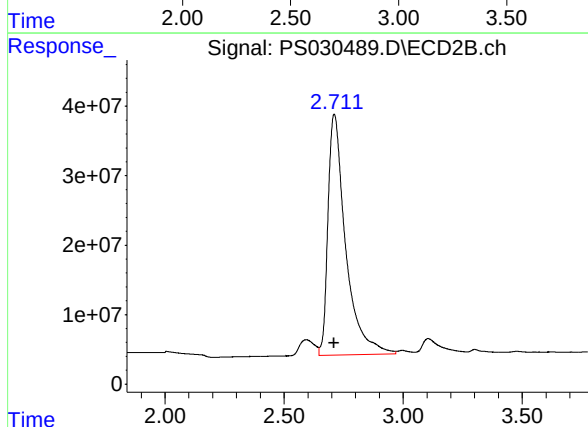
#1 Dalapon

R.T.: 2.718 min
Delta R.T.: -0.002 min
Response: 3806717070
Conc: 674.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

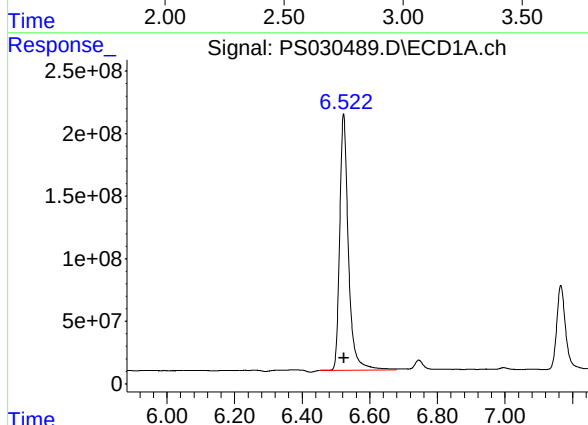
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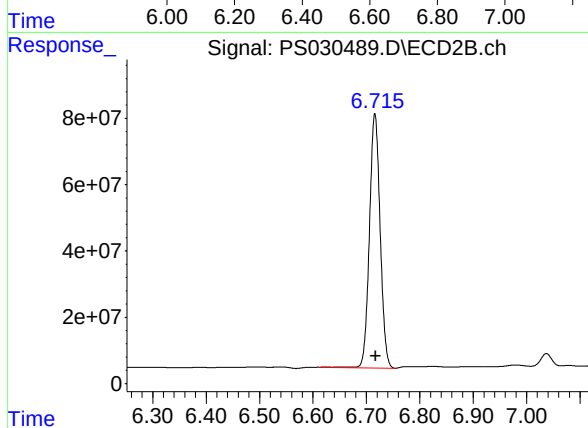
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.000 min
Response: 1792521949
Conc: 654.20 ng/ml



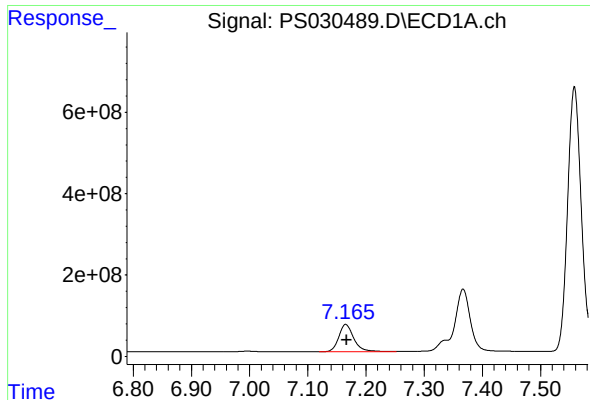
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.523 min
Delta R.T.: -0.001 min
Response: 3679735908
Conc: 678.12 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: -0.001 min
Response: 1064923065
Conc: 680.79 ng/ml



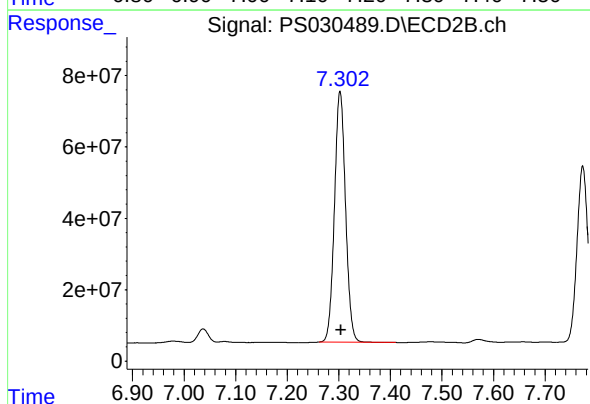
#3 4-Nitrophenol

R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 1206086477
Conc: 657.71 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

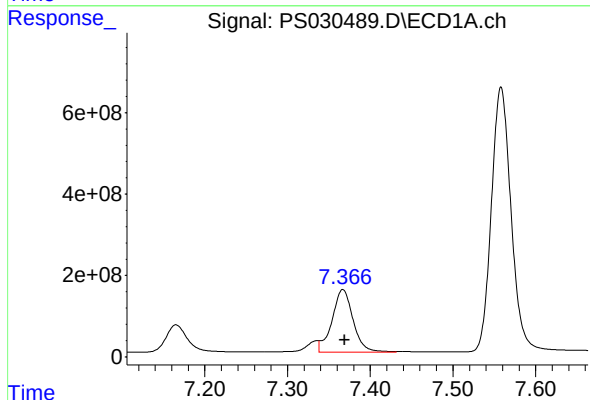
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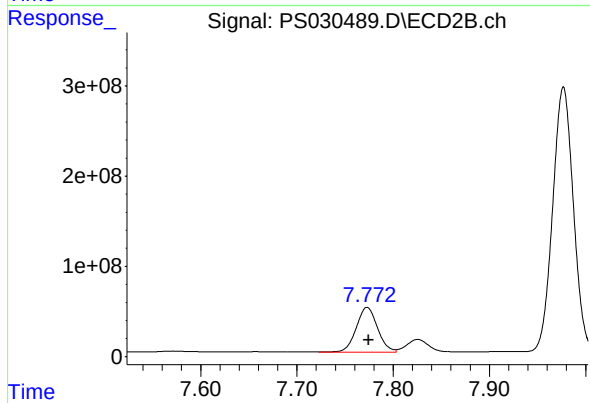
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: -0.001 min
Response: 1048197979
Conc: 668.82 ng/ml



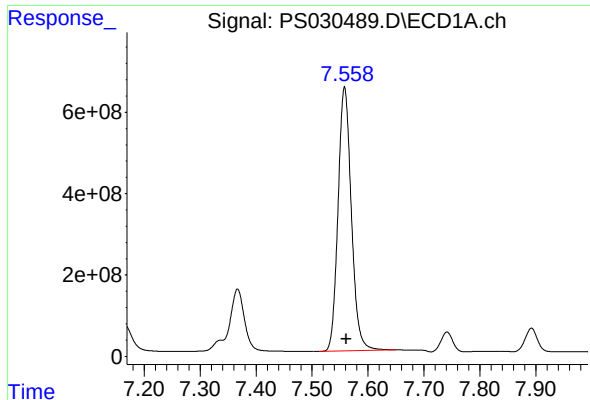
#4 2,4-DCAA

R.T.: 7.366 min
Delta R.T.: -0.003 min
Response: 2717266398
Conc: 719.78 ng/ml m



#4 2,4-DCAA

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 766526048
Conc: 712.64 ng/ml



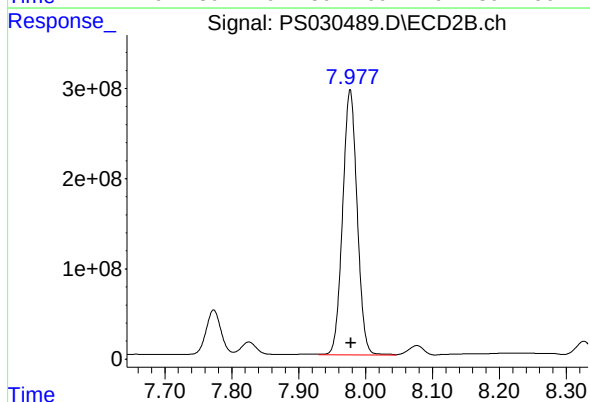
#5 DICAMBA

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 10706529561
Conc: 694.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

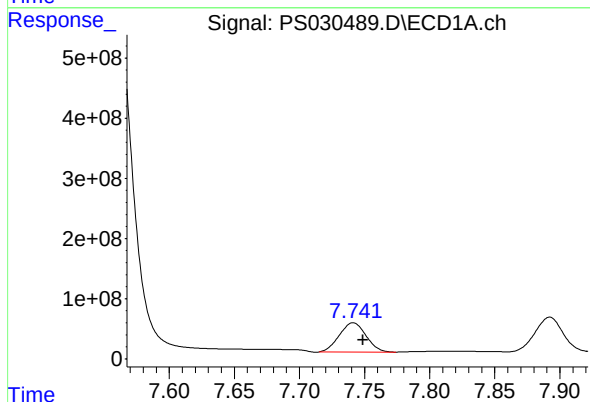
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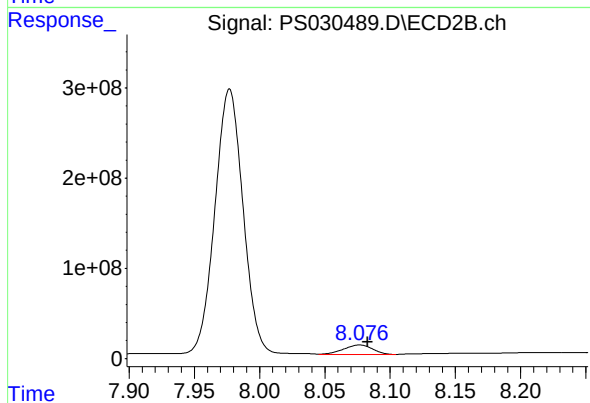
#5 DICAMBA

R.T.: 7.977 min
Delta R.T.: -0.002 min
Response: 4437279462
Conc: 688.84 ng/ml



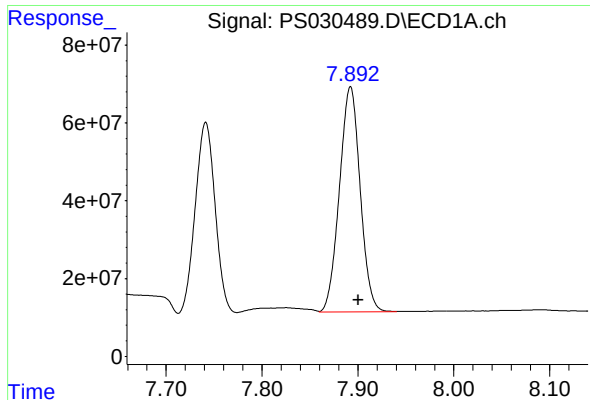
#6 MCPP

R.T.: 7.741 min
Delta R.T.: -0.007 min
Response: 695262098
Conc: 70.19 ug/ml



#6 MCPP

R.T.: 8.077 min
Delta R.T.: -0.006 min
Response: 160040905
Conc: 69.23 ug/ml



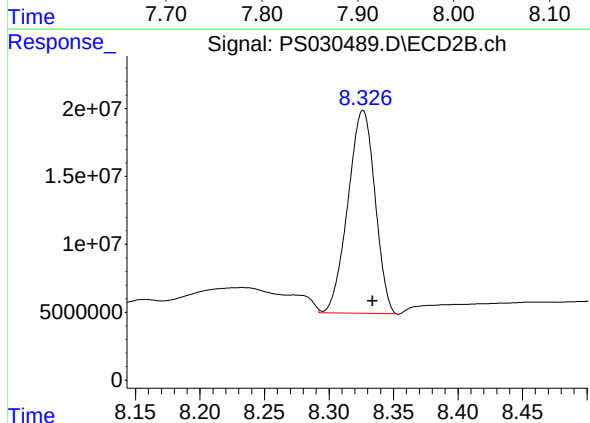
#7 MCPA

R.T.: 7.892 min
Delta R.T.: -0.008 min
Response: 869908910
Conc: 68.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

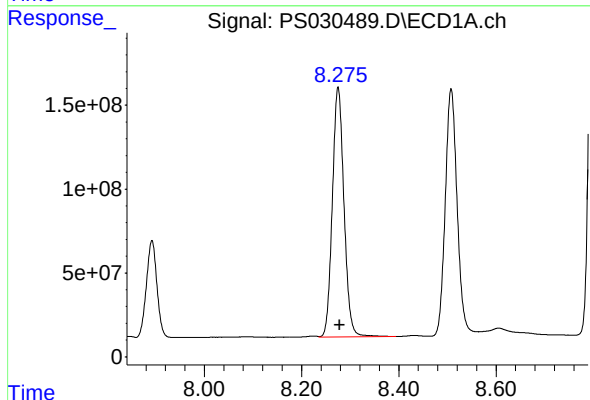
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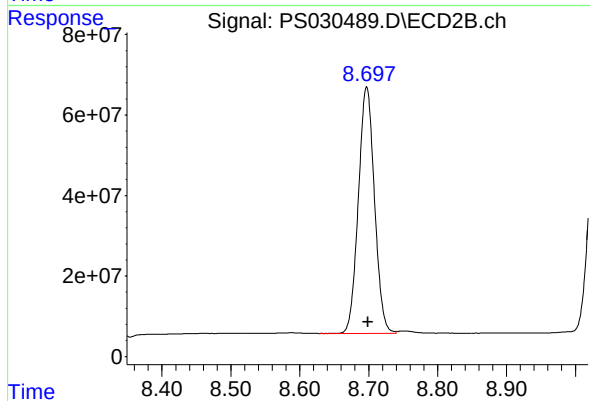
#7 MCPA

R.T.: 8.326 min
Delta R.T.: -0.008 min
Response: 218519359
Conc: 70.81 ug/ml



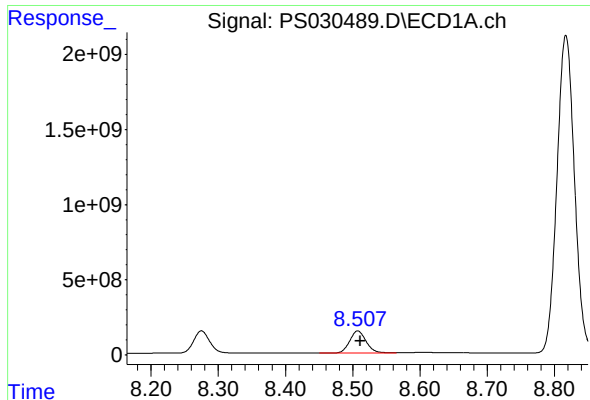
#8 DICHLORPROP

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 2469039583
Conc: 678.65 ng/ml



#8 DICHLORPROP

R.T.: 8.697 min
Delta R.T.: -0.002 min
Response: 994634317
Conc: 670.15 ng/ml



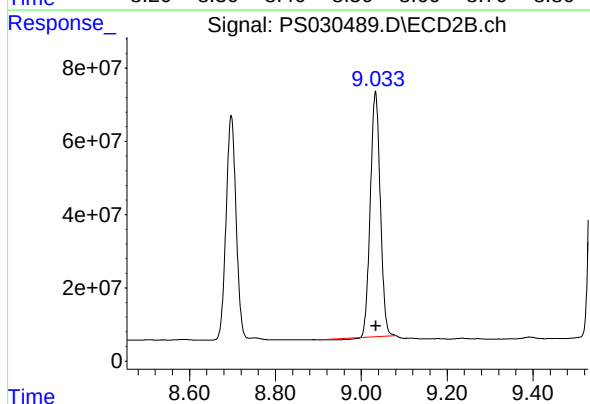
#9 2,4-D

R.T.: 8.508 min
Delta R.T.: -0.004 min
Response: 2509160493
Conc: 688.65 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

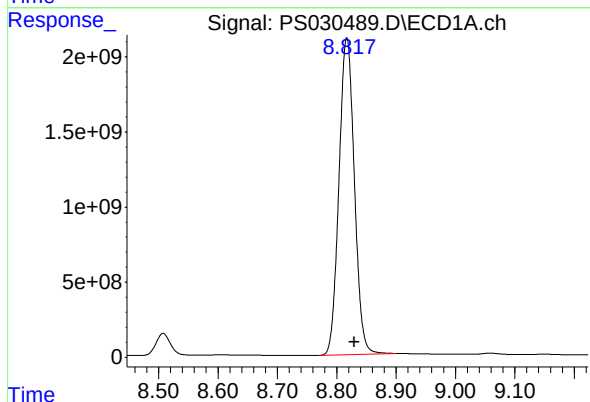
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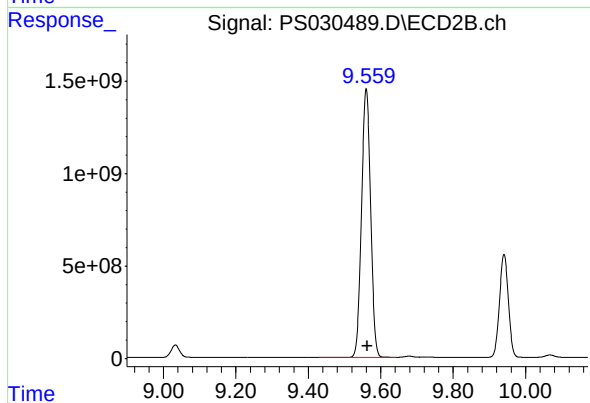
#9 2,4-D

R.T.: 9.033 min
Delta R.T.: -0.001 min
Response: 1069708733
Conc: 680.34 ng/ml



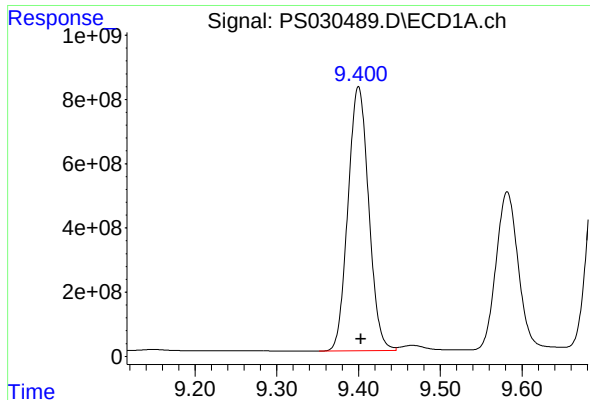
#10 Pentachlorophenol

R.T.: 8.817 min
Delta R.T.: -0.012 min
Response: 38034039798
Conc: 748.91 ng/ml



#10 Pentachlorophenol

R.T.: 9.560 min
Delta R.T.: -0.003 min
Response: 25385303471
Conc: 702.45 ng/ml



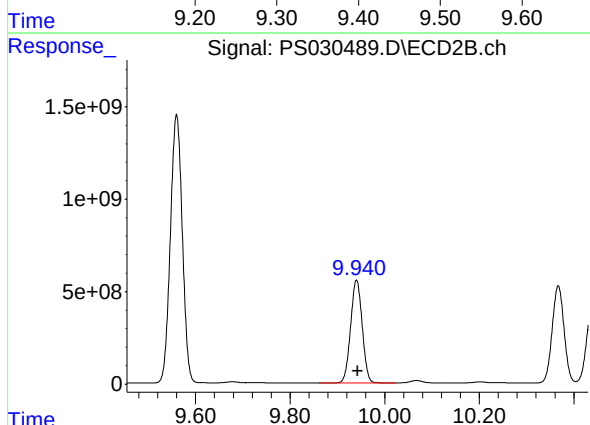
#11 2,4,5-TP (SILVEX)

R.T.: 9.400 min
Delta R.T.: -0.003 min
Response: 14496607164
Conc: 701.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

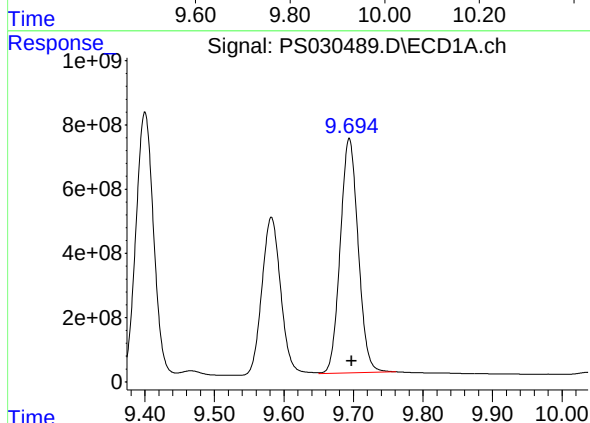
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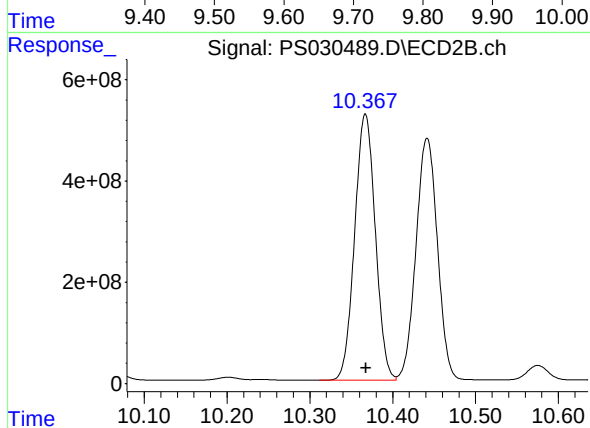
#11 2,4,5-TP (SILVEX)

R.T.: 9.940 min
Delta R.T.: -0.002 min
Response: 9468933939
Conc: 690.32 ng/ml



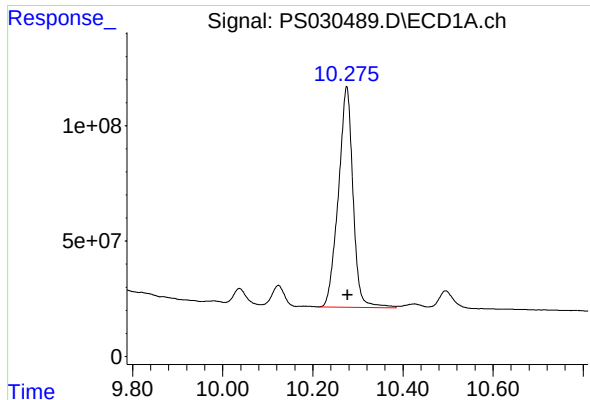
#12 2,4,5-T

R.T.: 9.694 min
Delta R.T.: -0.003 min
Response: 13037398102
Conc: 707.36 ng/ml



#12 2,4,5-T

R.T.: 10.367 min
Delta R.T.: 0.000 min
Response: 9113107964
Conc: 697.94 ng/ml



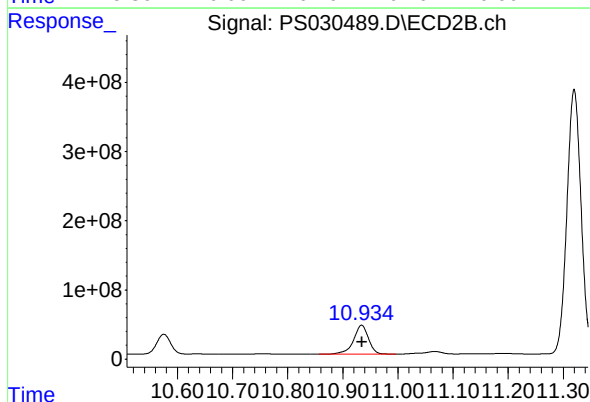
#13 2,4-DB

R.T.: 10.275 min
Delta R.T.: -0.002 min
Response: 2159285538
Conc: 711.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

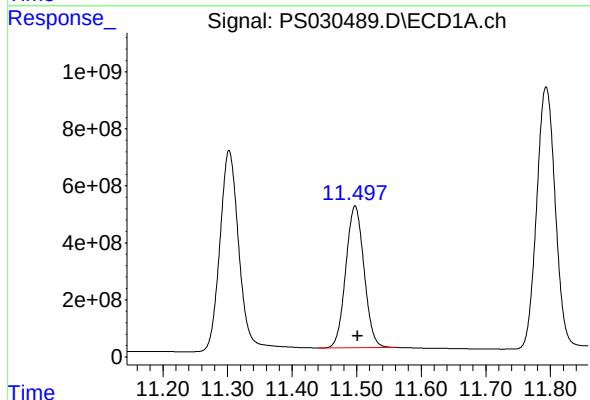
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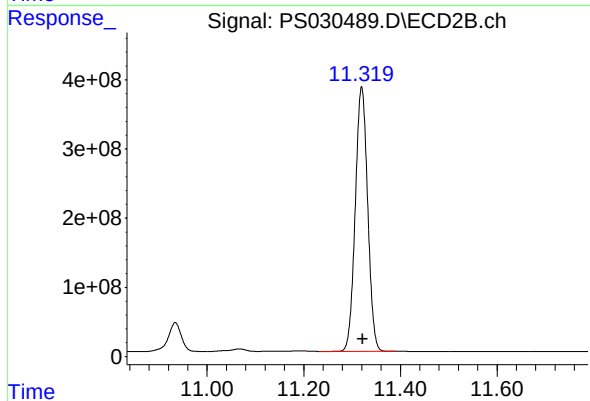
#13 2,4-DB

R.T.: 10.934 min
Delta R.T.: -0.001 min
Response: 788211264
Conc: 685.67 ng/ml



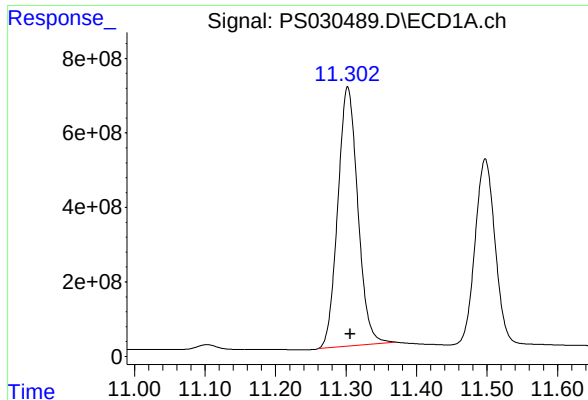
#14 DINOSEB

R.T.: 11.498 min
Delta R.T.: -0.004 min
Response: 9792461947
Conc: 681.22 ng/ml



#14 DINOSEB

R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 6802095872
Conc: 676.82 ng/ml



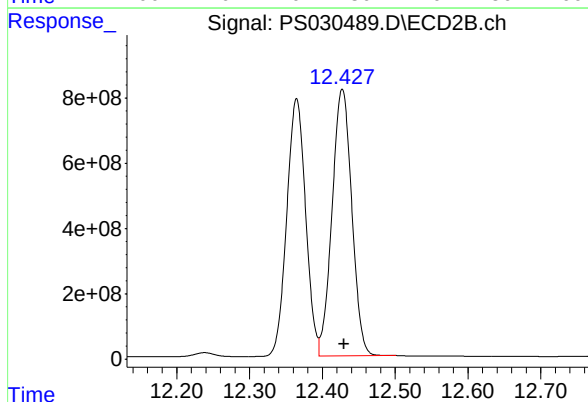
#15 Picloram

R.T.: 11.302 min
Delta R.T.: -0.004 min
Response: 13741933552
Conc: 686.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

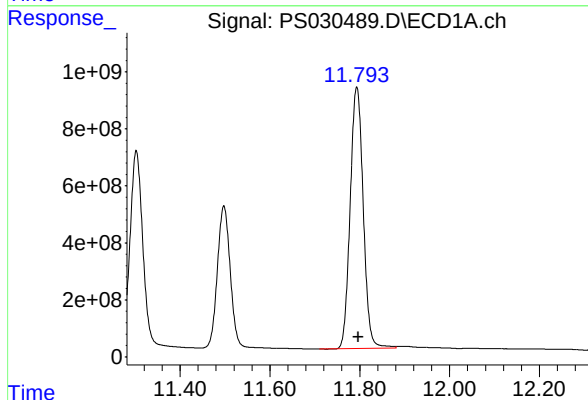
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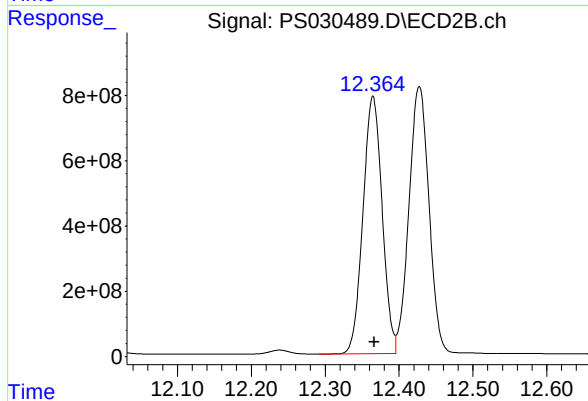
#15 Picloram

R.T.: 12.427 min
Delta R.T.: -0.002 min
Response: 15366240744
Conc: 695.81 ng/ml



#16 DCPA

R.T.: 11.793 min
Delta R.T.: -0.004 min
Response: 18479312195
Conc: 698.91 ng/ml



#16 DCPA

R.T.: 12.365 min
Delta R.T.: -0.002 min
Response: 14202484570
Conc: 694.06 ng/ml