

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102725\
 Data File : PS032163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 11:43
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 14:10:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102725.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 27 13:59:06 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	7.284	7.747	966.4E6	217.1E6	223.506	200.741m
Target Compounds							
1) T	Dalapon	2.661	2.684	1459.1E6	680.2E6	202.342	184.949
2) T	3,5-DICHL...	6.450	6.705	1314.1E6	385.4E6	207.836	204.780
3) T	4-Nitroph...	7.146	7.364	145.3E6	282.8E6	133.066m	182.548m#
5) T	DICAMBA	7.460	7.935	3787.3E6	1622.2E6	205.011	198.648
6) T	MCPD	7.632	8.025	150.0E6	35743278	13.936	13.976
7) T	MCPA	7.781	8.272	199.1E6	52314702	15.290	14.939
8) T	DICHLORPROP	8.171	8.659	985.4E6	383.1E6	226.547	208.486
9) T	2,4-D	8.427	9.019	882.3E6	348.8E6	212.953	180.652
10) T	Pentachlo...	8.695	9.501	14568.6E6	10155.7E6	236.108	209.116
11) T	2,4,5-TP ...	9.276	9.889	5084.0E6	3890.4E6	205.970	205.823
12) T	2,4,5-T	9.586	10.328	4021.7E6	3008.9E6	193.066	186.580
13) T	2,4-DB	10.168	10.898	395.8E6	305.7E6	171.981	229.872 #
14) T	DINOSEB	11.337	11.257	4058.1E6	2690.7E6	211.359	195.117
15) T	Picloram	11.208	12.405	2892.5E6	4941.1E6	159.461m	169.979
16) T	DCPA	11.636	12.296	6949.2E6	6510.5E6	216.889	209.075

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

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Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

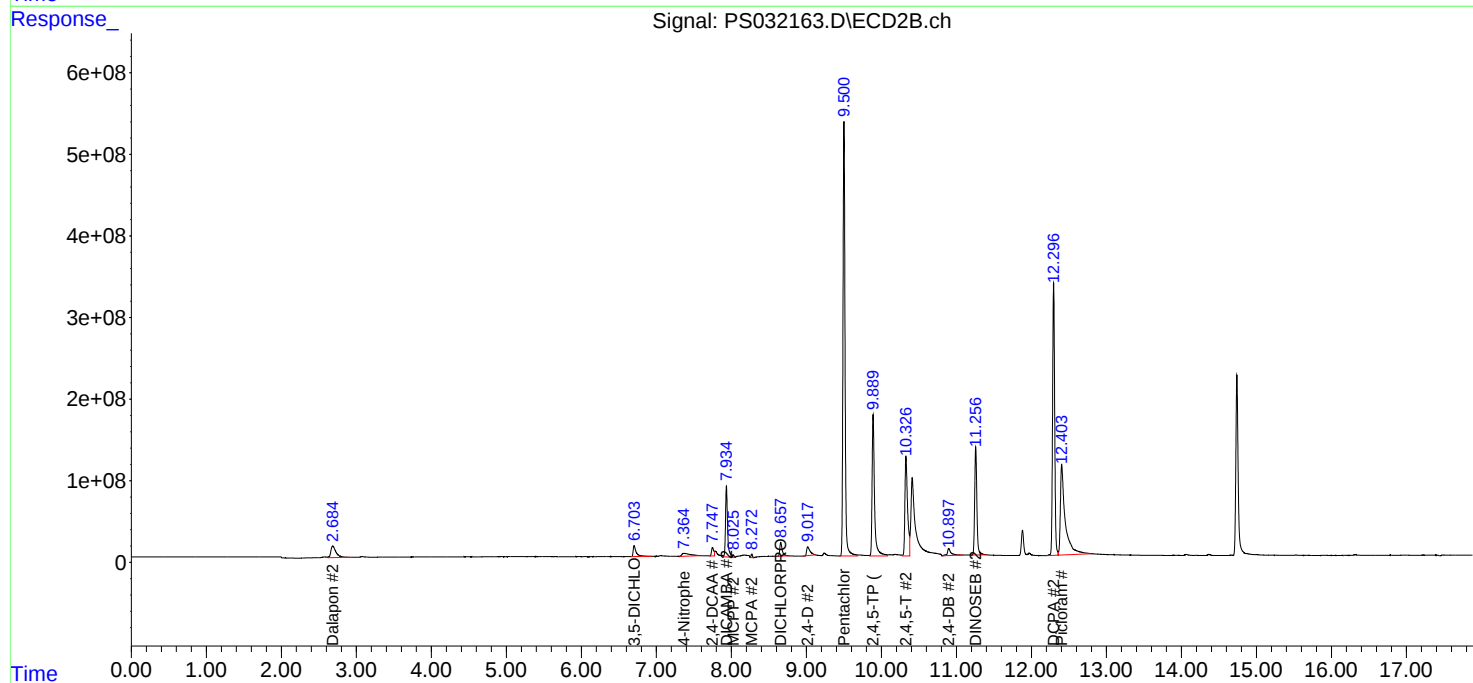
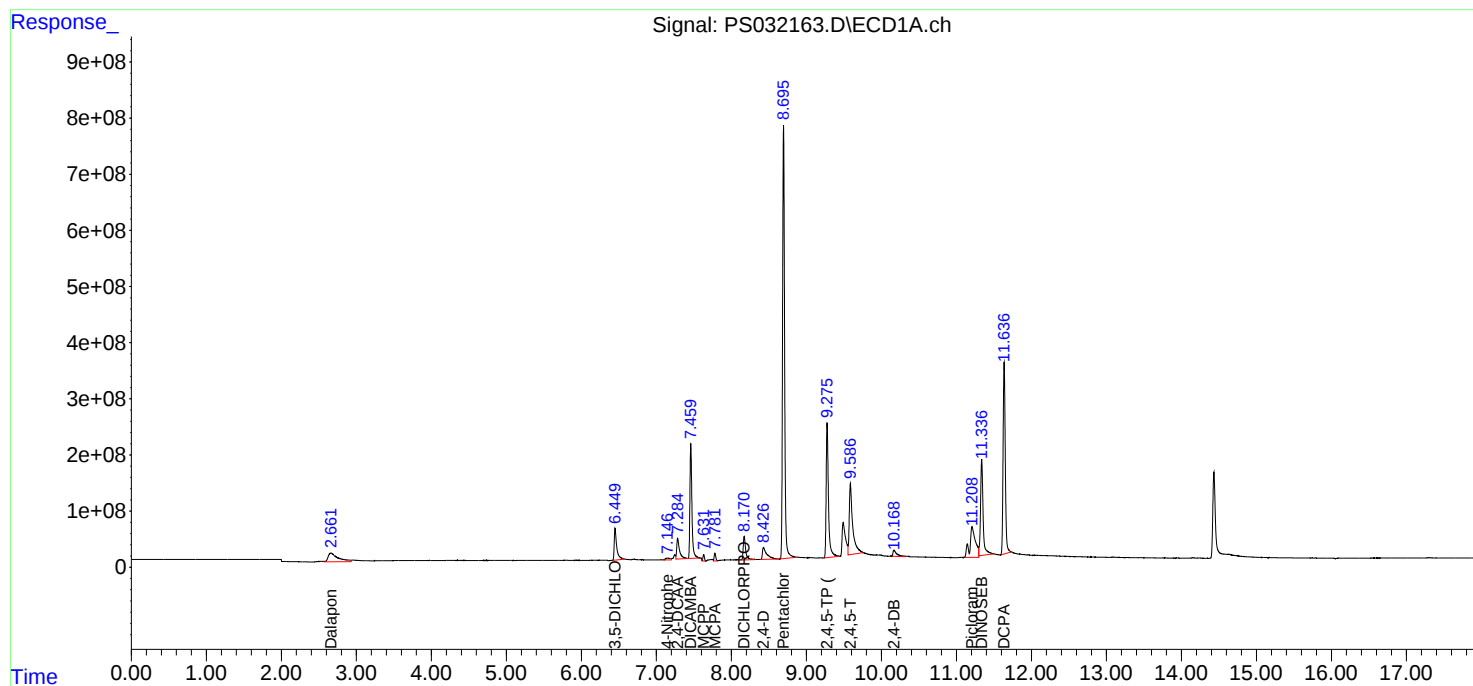
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

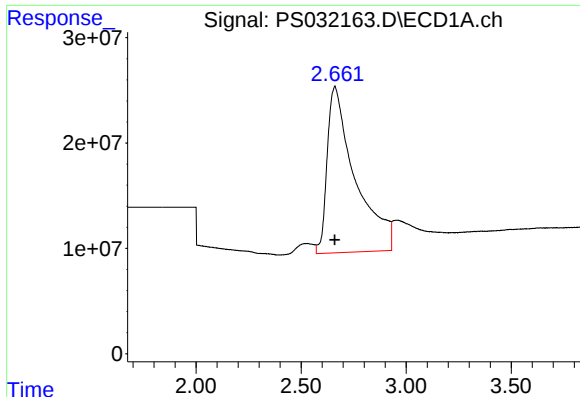
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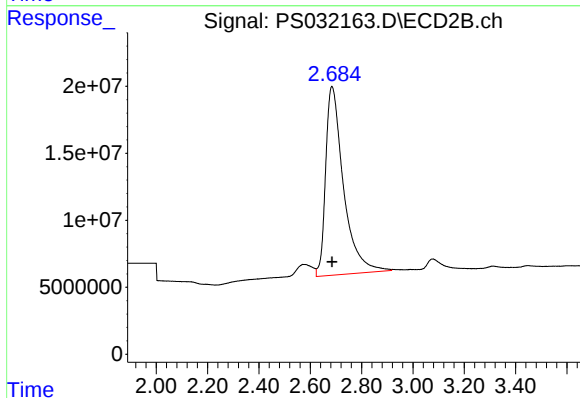
#1 Dalapon

R.T.: 2.661 min
Delta R.T.: 0.000 min
Response: 1459114909
Conc: 202.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

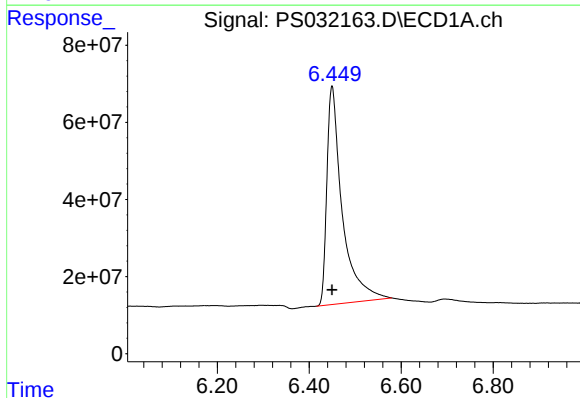
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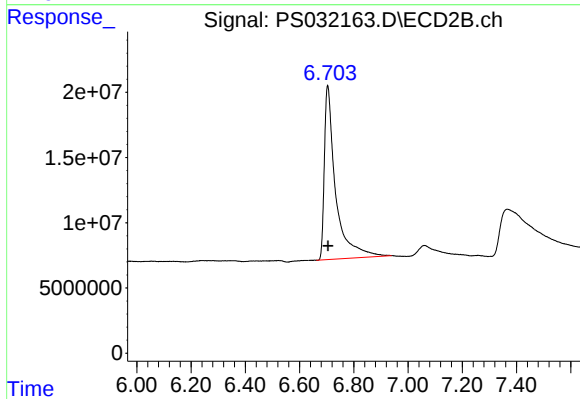
#1 Dalapon

R.T.: 2.684 min
Delta R.T.: 0.000 min
Response: 680237979
Conc: 184.95 ng/ml



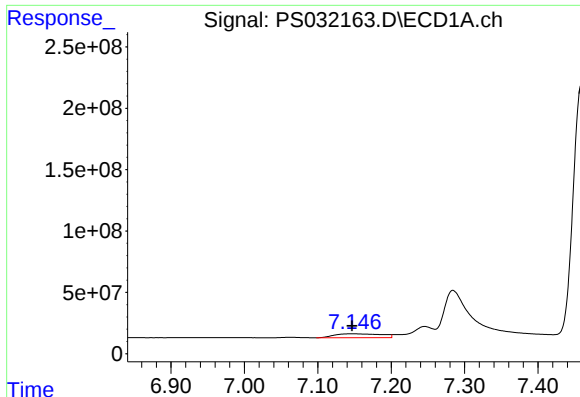
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1314132126
Conc: 207.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 385391763
Conc: 204.78 ng/ml



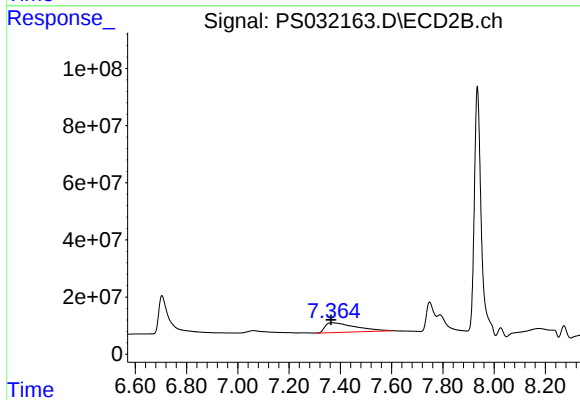
#3 4-Nitrophenol

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 145254165
Conc: 133.07 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

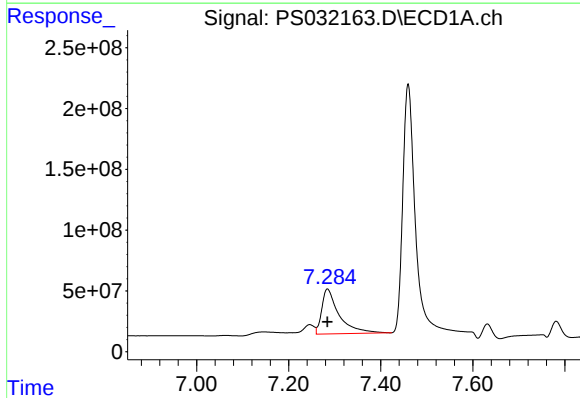
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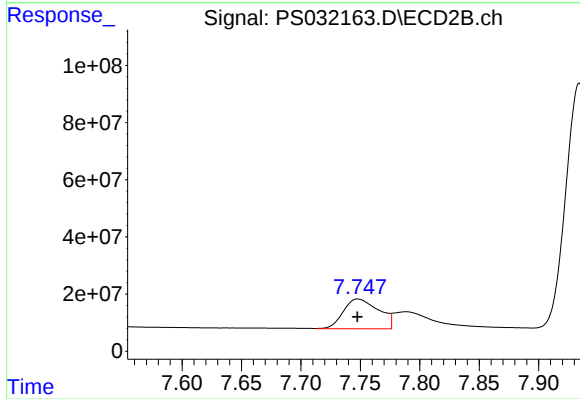
#3 4-Nitrophenol

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 282797093
Conc: 182.55 ng/ml m



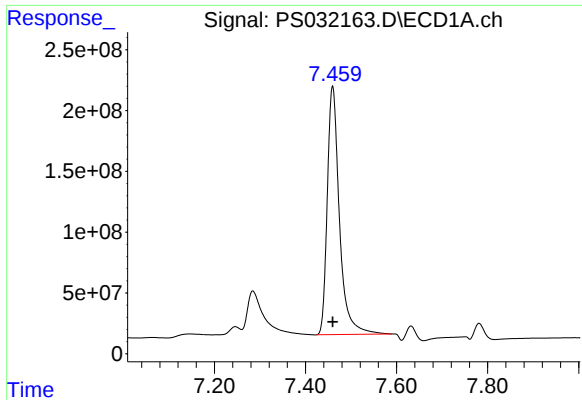
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 966363778
Conc: 223.51 ng/ml



#4 2,4-DCAA

R.T.: 7.747 min
Delta R.T.: 0.000 min
Response: 217090201
Conc: 200.74 ng/ml m



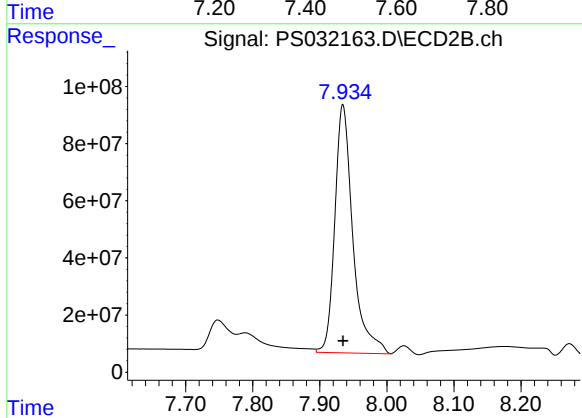
#5 DICAMBA

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 3787289221
Conc: 205.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

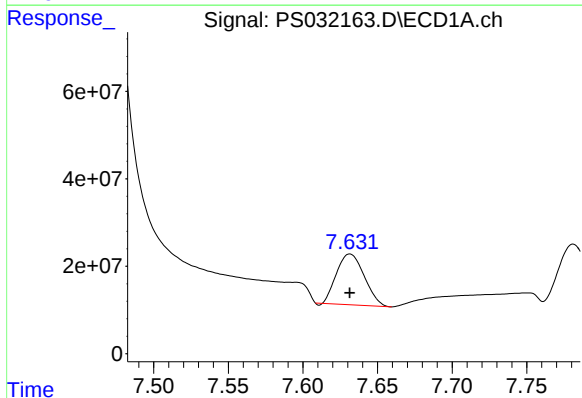
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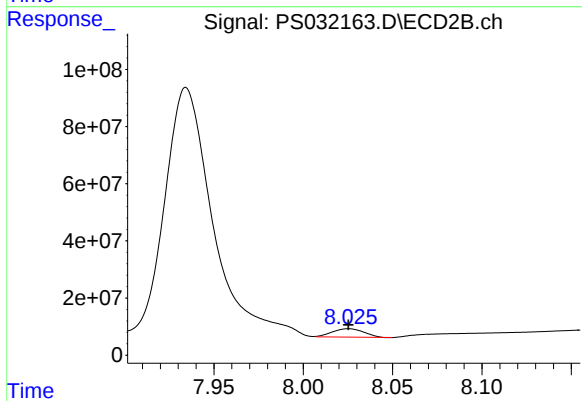
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 1622156547
Conc: 198.65 ng/ml



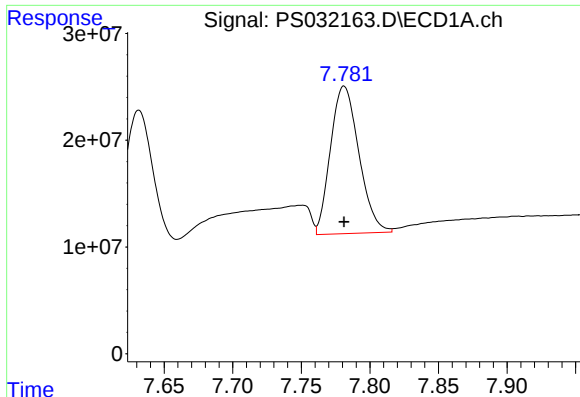
#6 MCP

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 150044233
Conc: 13.94 ug/ml



#6 MCP

R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 35743278
Conc: 13.98 ug/ml



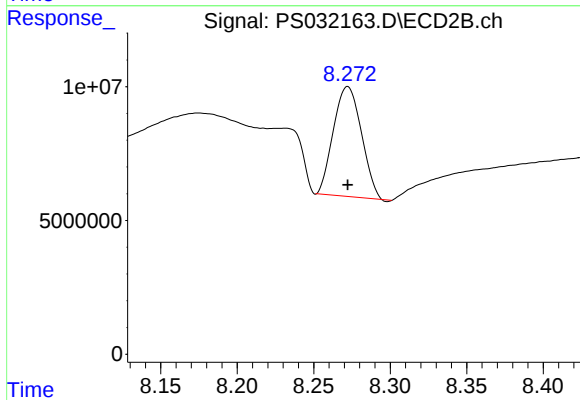
#7 MCPA

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 199096401
Conc: 15.29 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

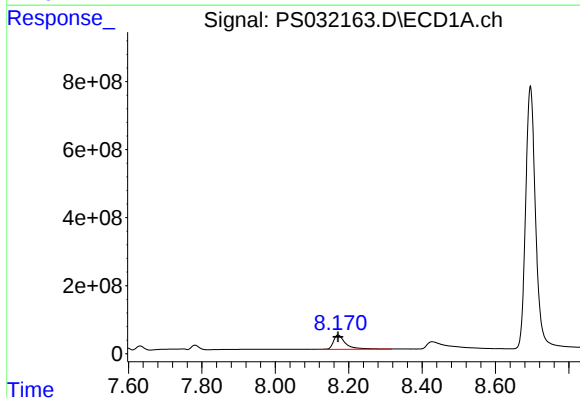
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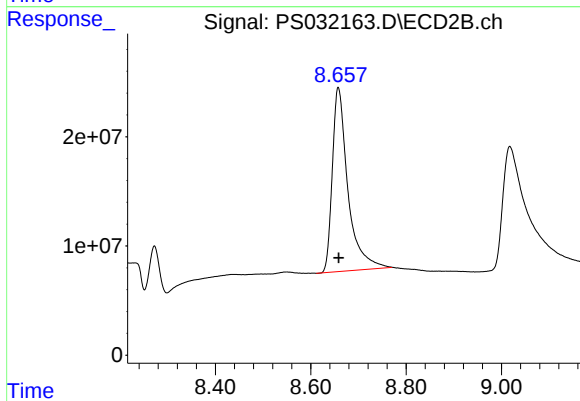
#7 MCPA

R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 52314702
Conc: 14.94 ug/ml



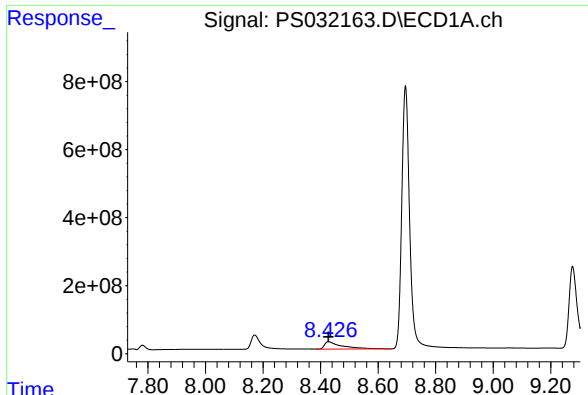
#8 DICHLORPROP

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 985427492
Conc: 226.55 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 383072873
Conc: 208.49 ng/ml



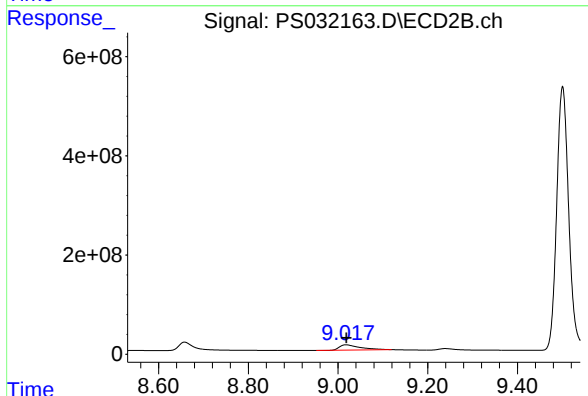
#9 2,4-D

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 882347593
Conc: 212.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

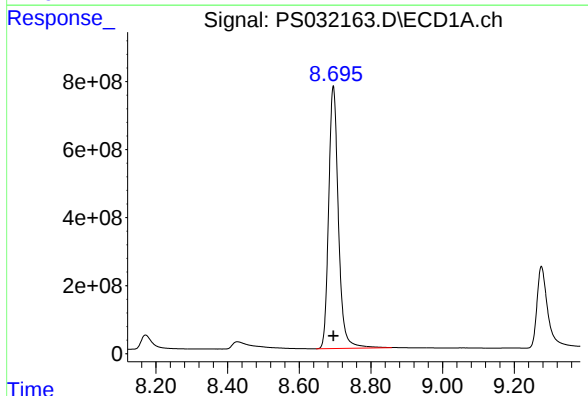
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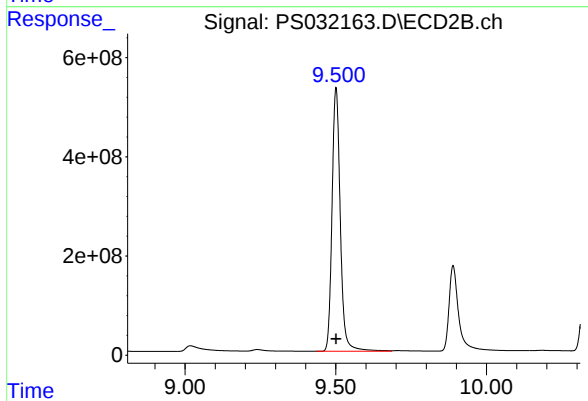
#9 2,4-D

R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 348782032
Conc: 180.65 ng/ml



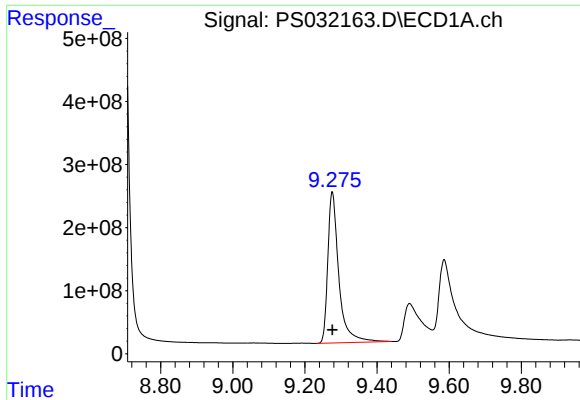
#10 Pentachlorophenol

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 14568551470
Conc: 236.11 ng/ml



#10 Pentachlorophenol

R.T.: 9.501 min
Delta R.T.: 0.000 min
Response: 10155698188
Conc: 209.12 ng/ml



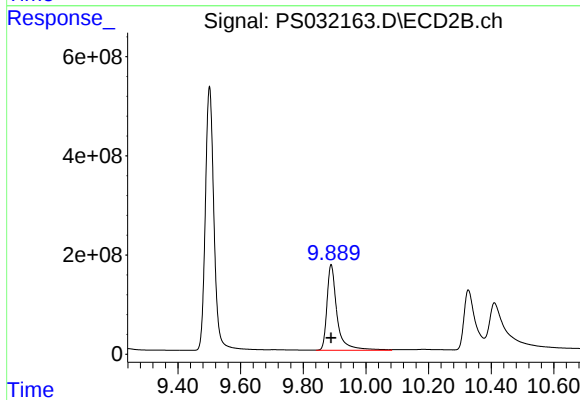
#11 2,4,5-TP (SILVEX)

R.T.: 9.276 min
Delta R.T.: 0.000 min
Response: 5083965998
Conc: 205.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

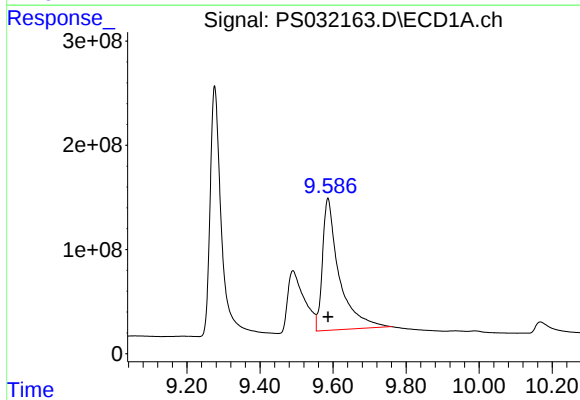
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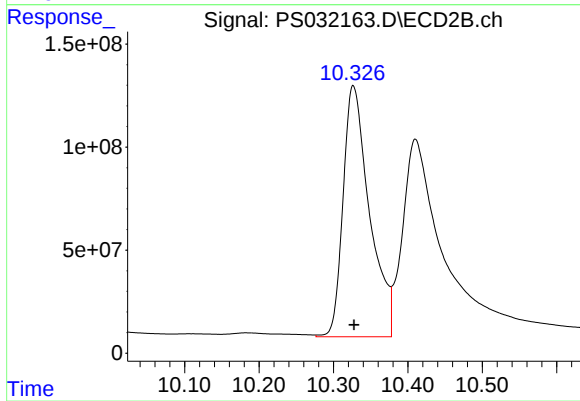
#11 2,4,5-TP (SILVEX)

R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 3890421235
Conc: 205.82 ng/ml



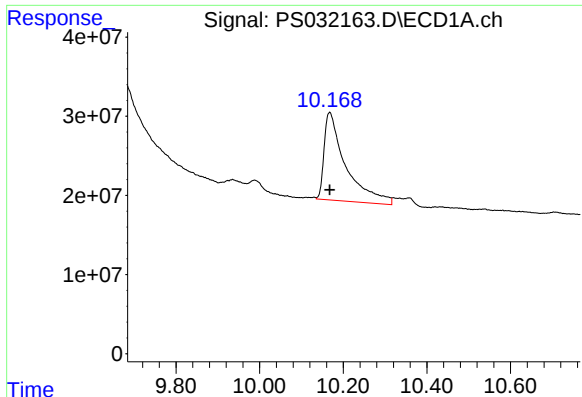
#12 2,4,5-T

R.T.: 9.586 min
Delta R.T.: 0.000 min
Response: 4021684639
Conc: 193.07 ng/ml



#12 2,4,5-T

R.T.: 10.328 min
Delta R.T.: 0.000 min
Response: 3008942590
Conc: 186.58 ng/ml



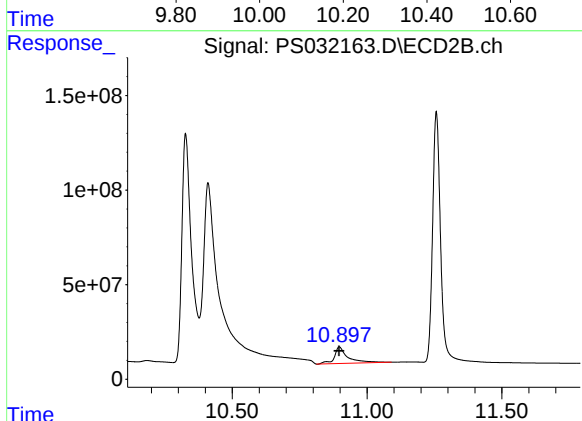
#13 2,4-DB

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 395779621
Conc: 171.98 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

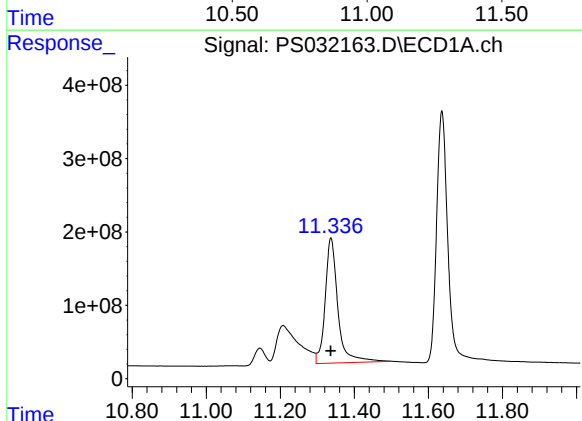
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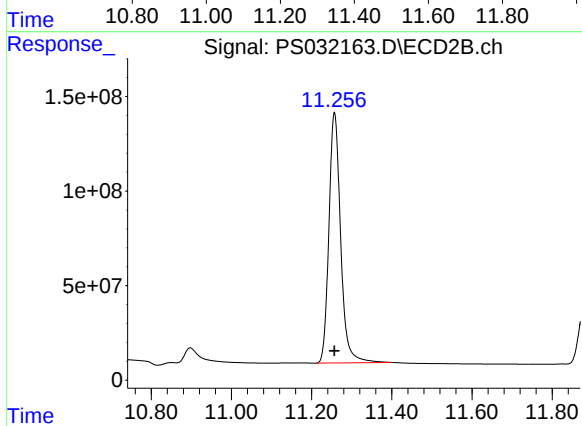
#13 2,4-DB

R.T.: 10.898 min
Delta R.T.: 0.000 min
Response: 305730490
Conc: 229.87 ng/ml



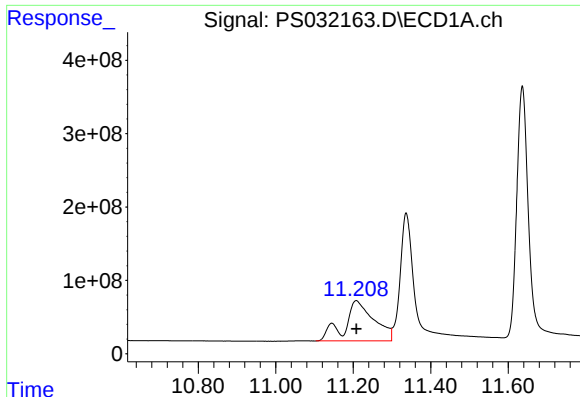
#14 DINOSEB

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 4058071835
Conc: 211.36 ng/ml



#14 DINOSEB

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 2690725430
Conc: 195.12 ng/ml



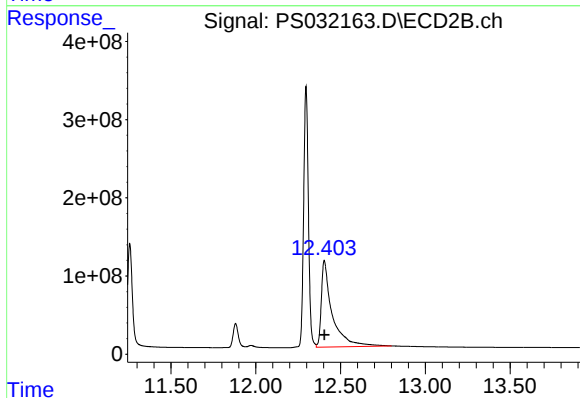
#15 Picloram

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 2892516734
Conc: 159.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

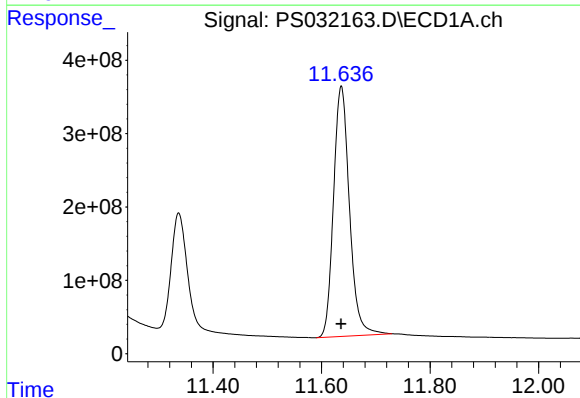
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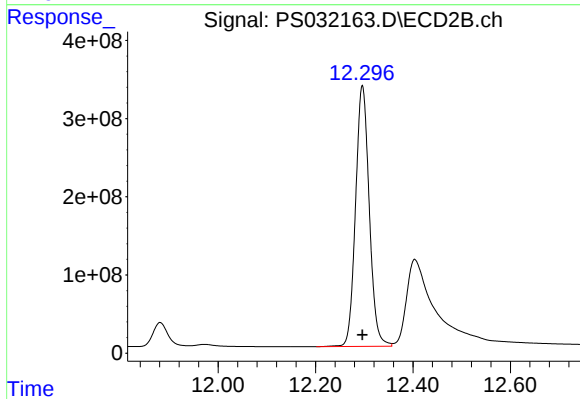
#15 Picloram

R.T.: 12.405 min
Delta R.T.: 0.000 min
Response: 4941149234
Conc: 169.98 ng/ml



#16 DCPA

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 6949220570
Conc: 216.89 ng/ml



#16 DCPA

R.T.: 12.296 min
Delta R.T.: 0.000 min
Response: 6510513587
Conc: 209.07 ng/ml