

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS120925\
 Data File : PS032651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 14:39
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/10/2025
 Supervised By : Yogesh Patel 12/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 15:53:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS120925.M
 Quant Title : 8080.M
 QLast Update : Tue Dec 09 15:49:15 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	7.016	7.371	1318.6E6	1012.3E6	221.972	203.557
Target Compounds							
1) T	Dalapon	2.477	2.450	1897.3E6	1404.7E6	207.288	190.467
2) T	3,5-DICHL...	6.209	6.367	1714.2E6	1097.6E6	206.817	190.422
3) T	4-Nitroph...	6.886	6.952	237.7E6	377.5E6	143.631m	173.925
5) T	DICAMBA	7.185	7.558	4972.6E6	3799.2E6	208.319	195.901
6) T	MCPD	7.356	7.655	224.4E6	177.1E6	17.382m	15.344m
7) T	MCPA	7.504	7.898	248.0E6	161.4E6	15.864	12.653
8) T	DICHLORPROP	7.881	8.263	1224.0E6	906.6E6	208.907	192.041
9) T	2,4-D	8.127	8.605	1452.5E6	986.1E6	207.805	188.274
10) T	Pentachlo...	8.381	9.068	19731.8E6	13444.9E6	224.075	207.357m
11) T	2,4,5-TP ...	8.960	9.467	7604.8E6	5536.2E6	211.971	200.471
12) T	2,4,5-T	9.259	9.895	8588.0E6	5109.9E6	212.186	195.396
13) T	2,4-DB	9.824	10.453	759.4E6	902.4E6	183.529	214.364m
14) T	DINOSEB	10.991	10.830	5515.4E6	3259.4E6	210.727	192.726m
15) T	Picloram	10.852	11.956	5968.7E6	4422.5E6	157.401	161.756
16) T	DCPA	11.283	11.839	9596.8E6	6459.0E6	216.612	202.618

(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

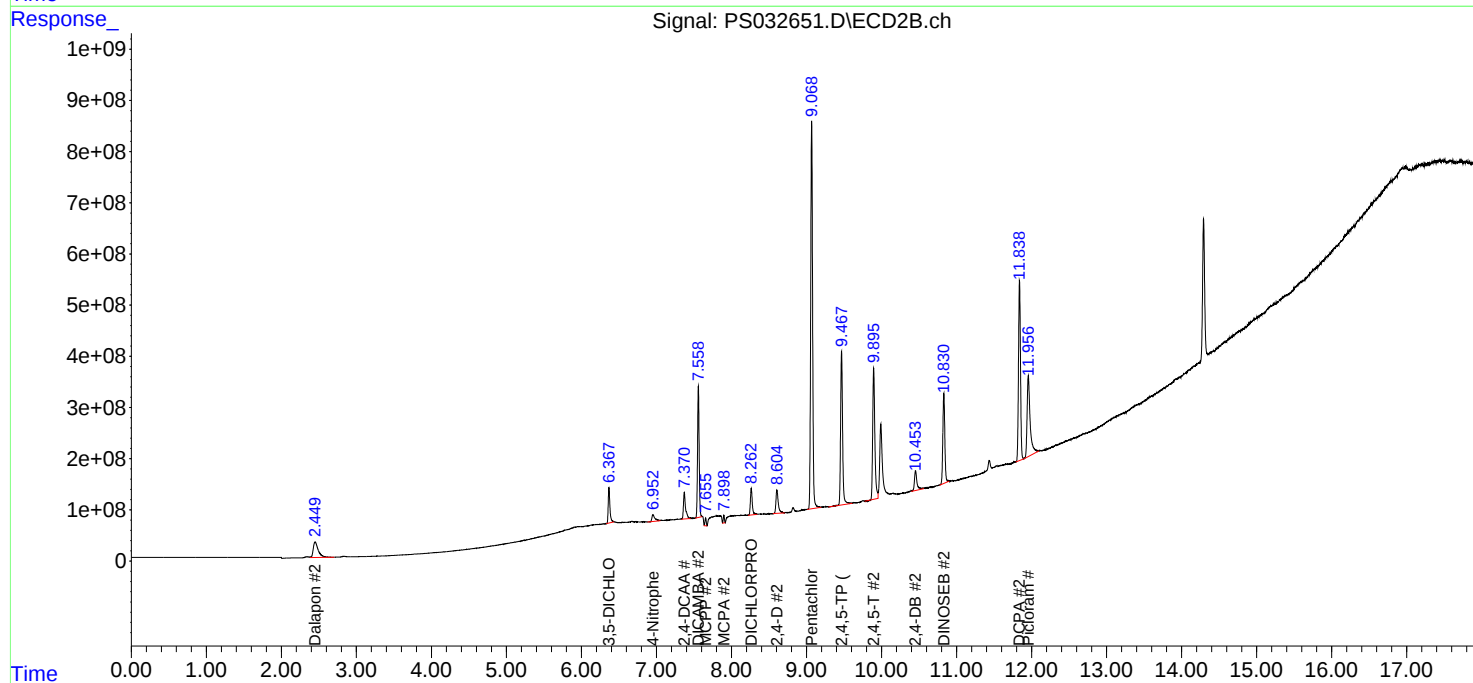
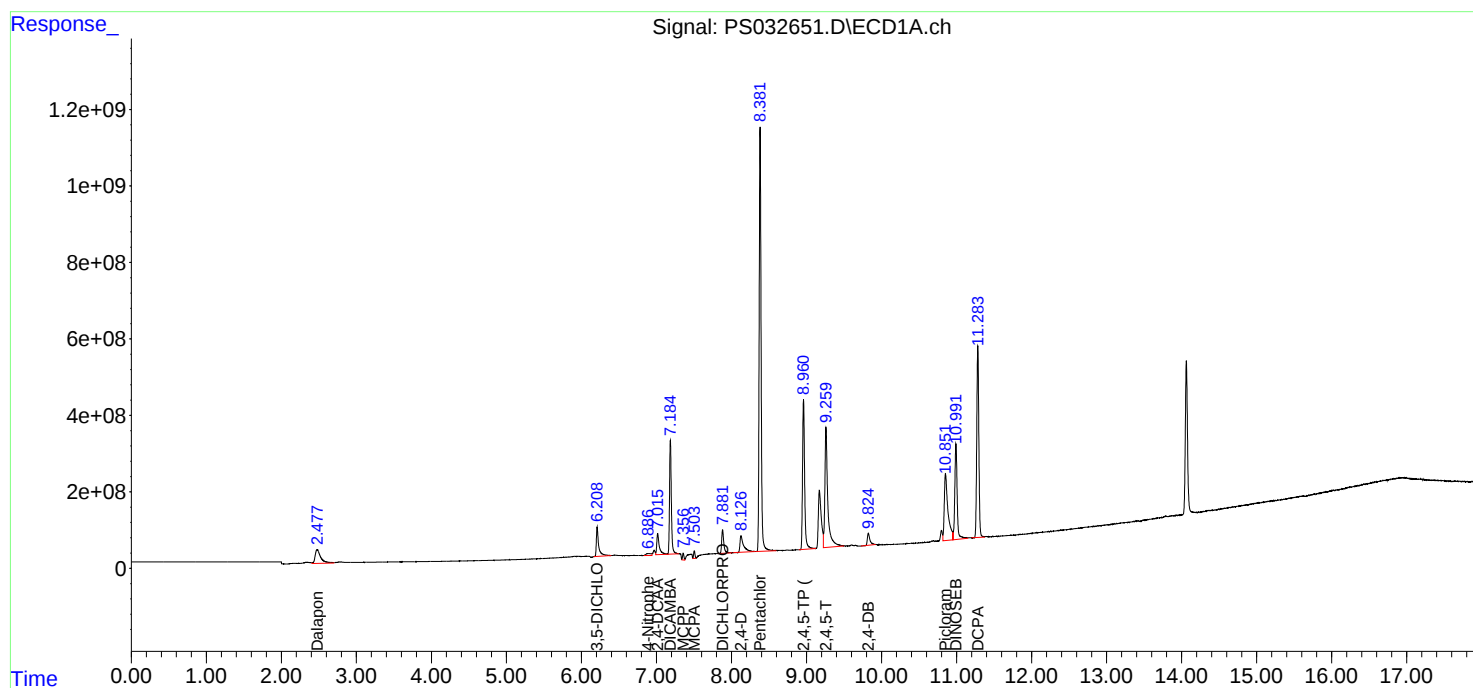
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

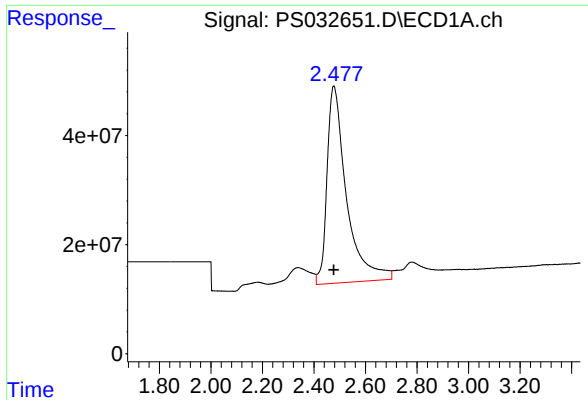
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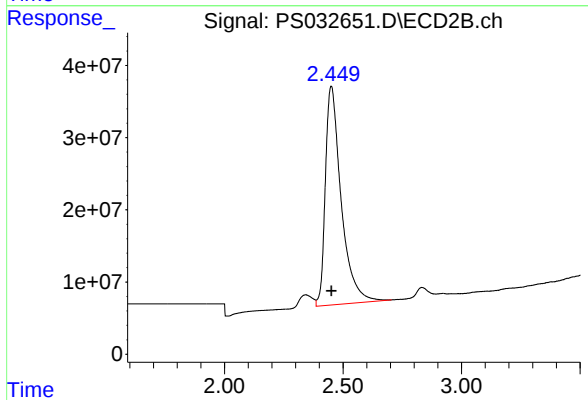
#1 Dalapon

R.T.: 2.477 min
Delta R.T.: 0.000 min
Response: 1897265062
Conc: 207.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

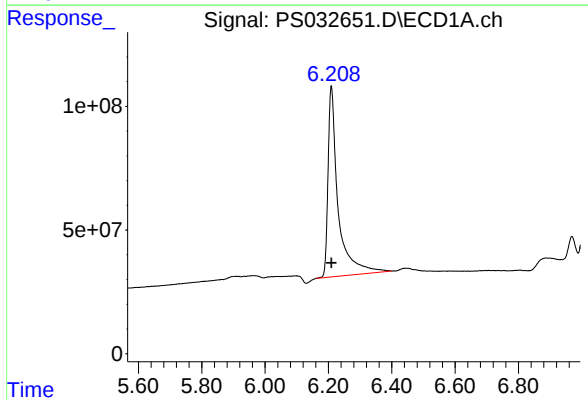
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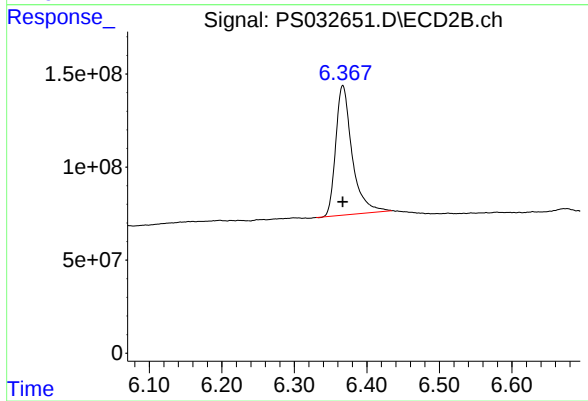
#1 Dalapon

R.T.: 2.450 min
Delta R.T.: 0.000 min
Response: 1404670734
Conc: 190.47 ng/ml



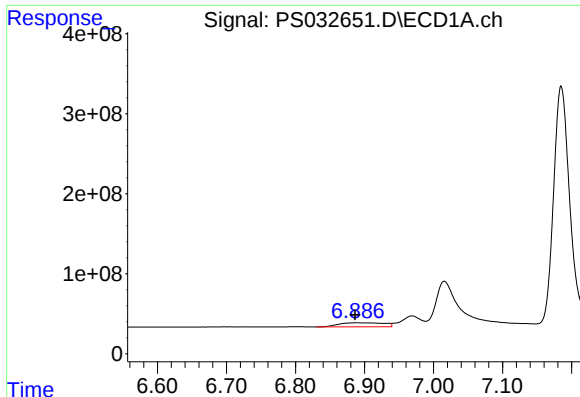
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 1714202195
Conc: 206.82 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 1097628251
Conc: 190.42 ng/ml



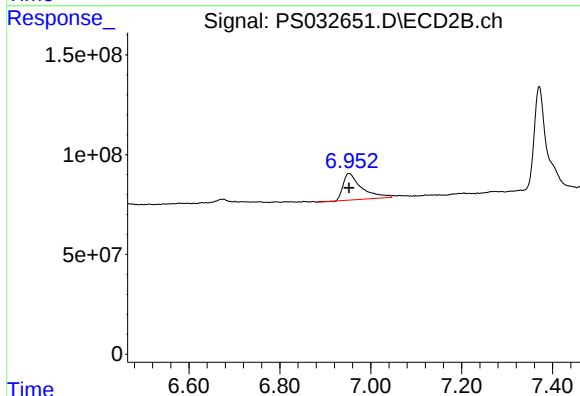
#3 4-Nitrophenol

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 237717922
Conc: 143.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

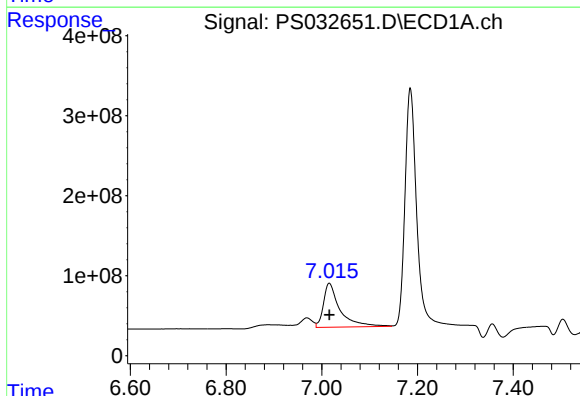
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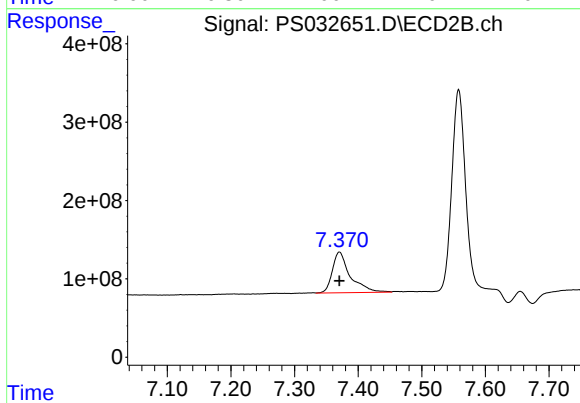
#3 4-Nitrophenol

R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 377460966
Conc: 173.92 ng/ml



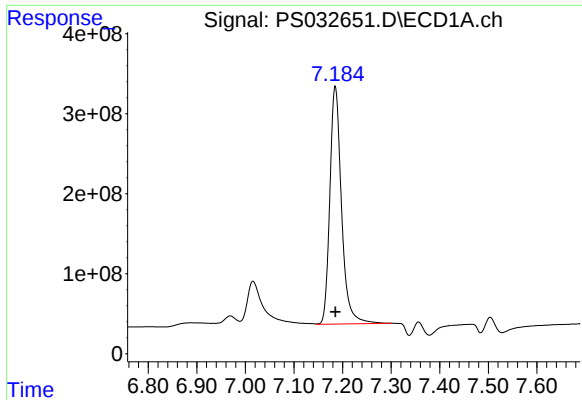
#4 2,4-DCAA

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 1318596726
Conc: 221.97 ng/ml



#4 2,4-DCAA

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 1012299794
Conc: 203.56 ng/ml



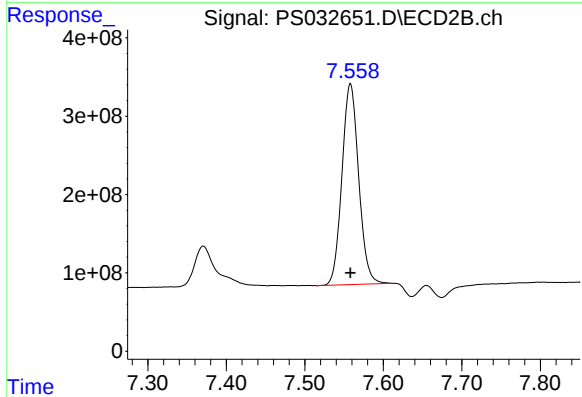
#5 DICAMBA

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 4972632330
Conc: 208.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

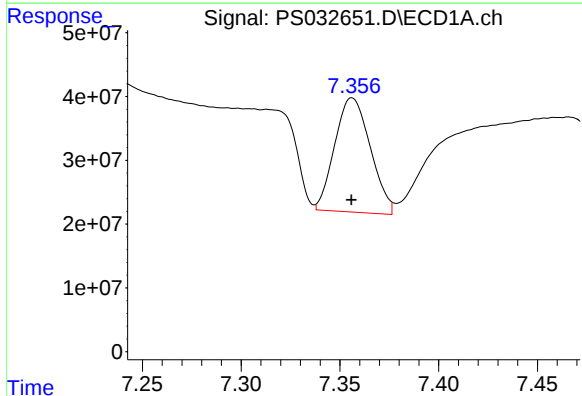
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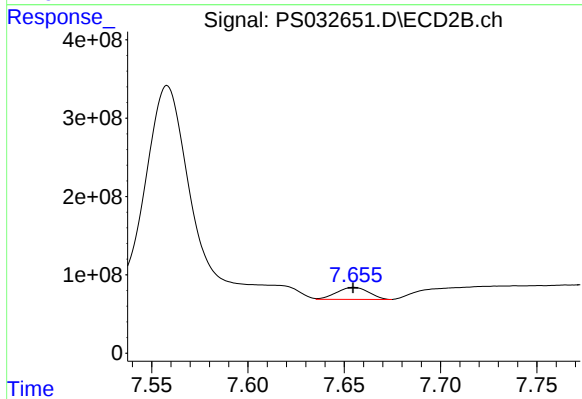
#5 DICAMBA

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 3799167849
Conc: 195.90 ng/ml



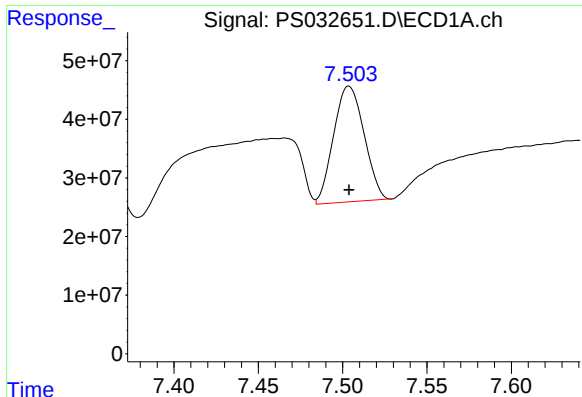
#6 MCP

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 224448768
Conc: 17.38 ug/ml m



#6 MCP

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 177099642
Conc: 15.34 ug/ml m



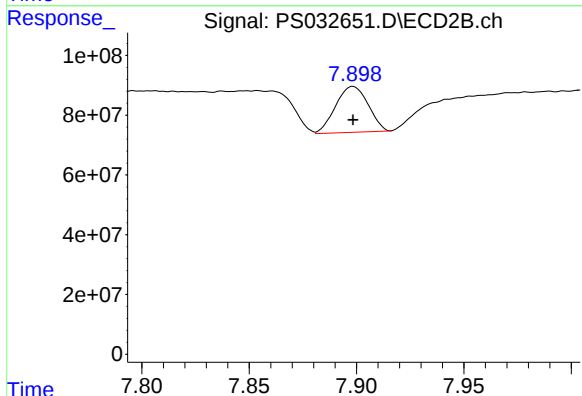
#7 MCPA

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 247964532
Conc: 15.86 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

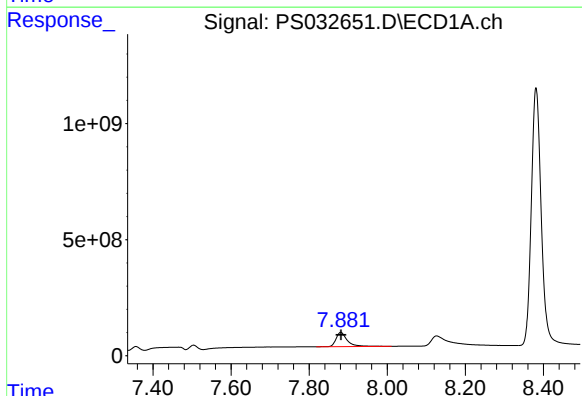
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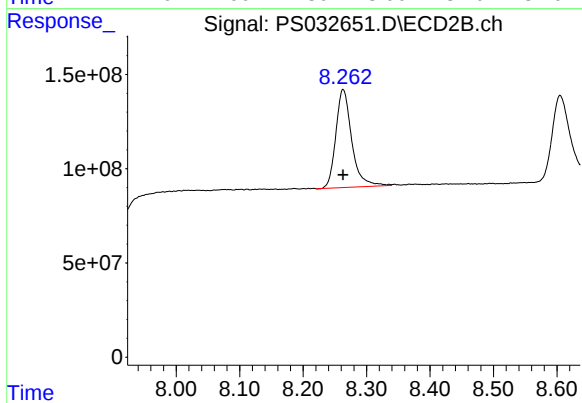
#7 MCPA

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 161387099
Conc: 12.65 ug/ml



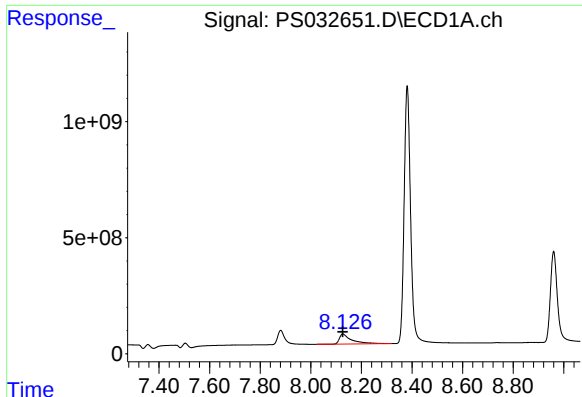
#8 DICHLORPROP

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 1223963526
Conc: 208.91 ng/ml



#8 DICHLORPROP

R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 906620042
Conc: 192.04 ng/ml



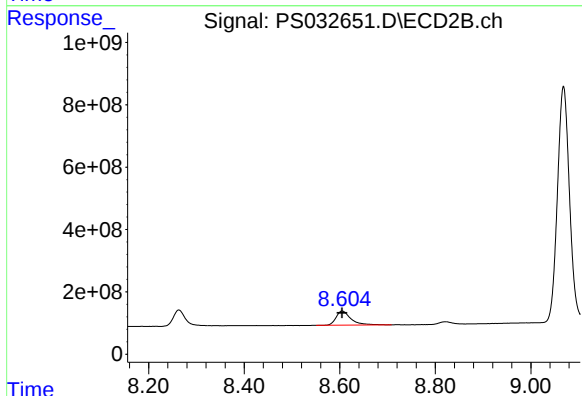
#9 2,4-D

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 1452497341
Conc: 207.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

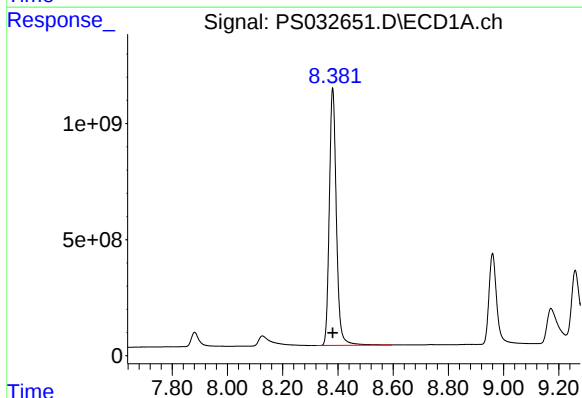
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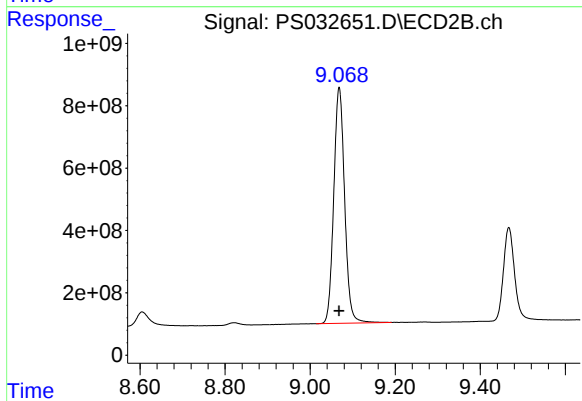
#9 2,4-D

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 986087501
Conc: 188.27 ng/ml



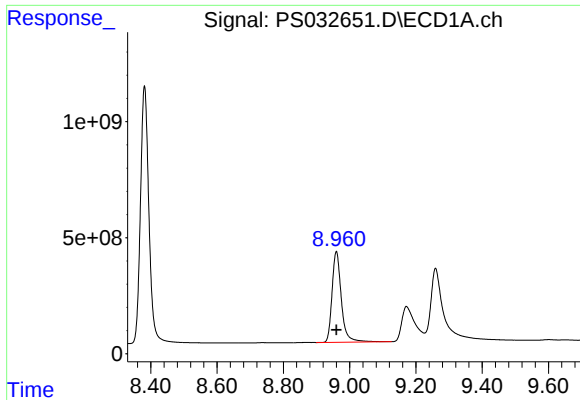
#10 Pentachlorophenol

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 19731834388
Conc: 224.08 ng/ml



#10 Pentachlorophenol

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 13444918837
Conc: 207.36 ng/ml m



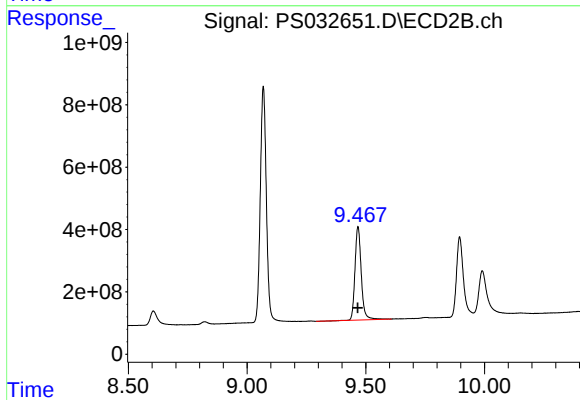
#11 2,4,5-TP (SILVEX)

R.T.: 8.960 min
Delta R.T.: 0.000 min
Response: 7604755558
Conc: 211.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

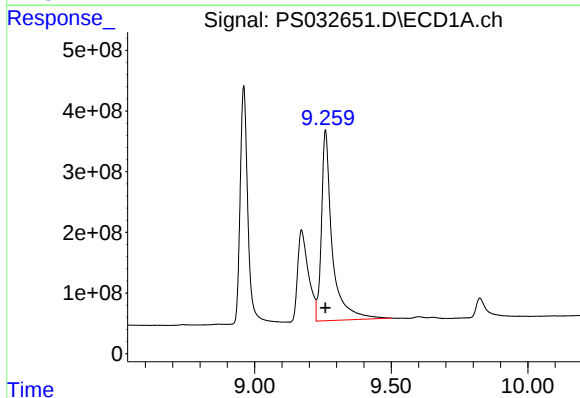
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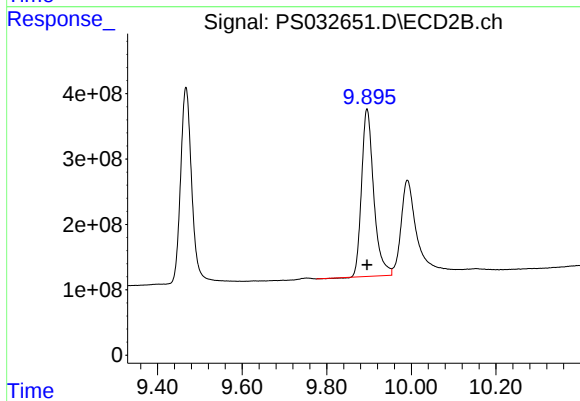
#11 2,4,5-TP (SILVEX)

R.T.: 9.467 min
Delta R.T.: 0.000 min
Response: 5536172677
Conc: 200.47 ng/ml



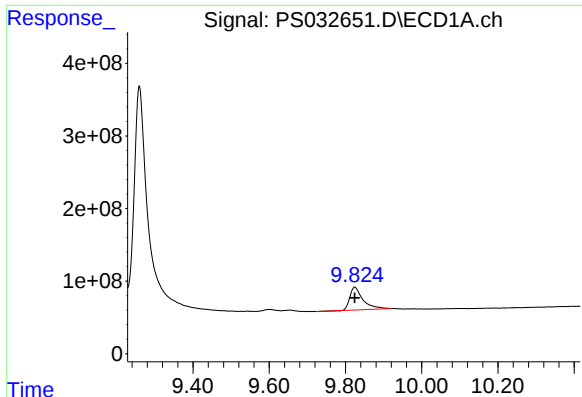
#12 2,4,5-T

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 8588048801
Conc: 212.19 ng/ml



#12 2,4,5-T

R.T.: 9.895 min
Delta R.T.: 0.000 min
Response: 5109945001
Conc: 195.40 ng/ml



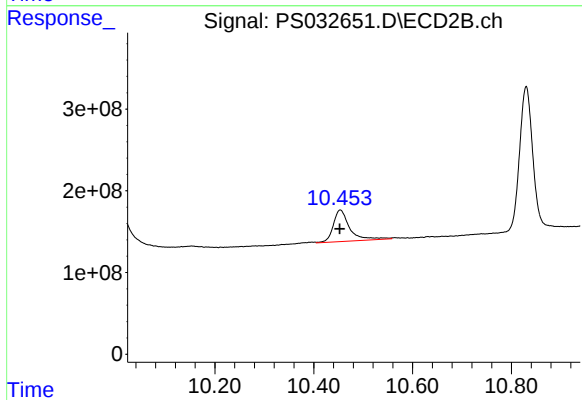
#13 2,4-DB

R.T.: 9.824 min
Delta R.T.: 0.000 min
Response: 759363242
Conc: 183.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

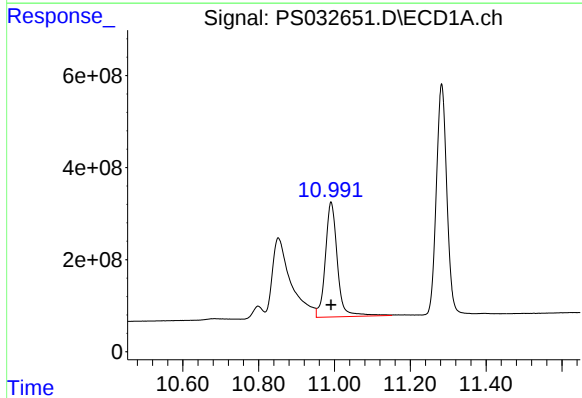
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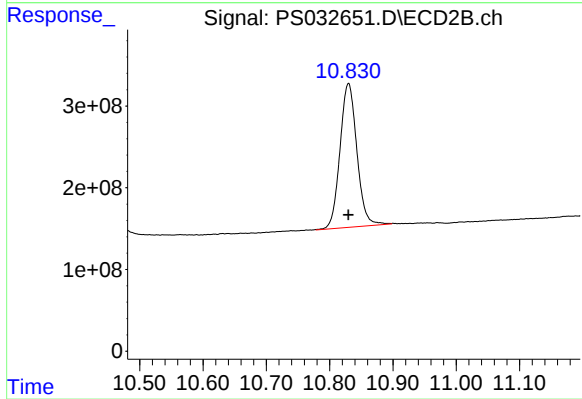
#13 2,4-DB

R.T.: 10.453 min
Delta R.T.: 0.000 min
Response: 902422179
Conc: 214.36 ng/ml m



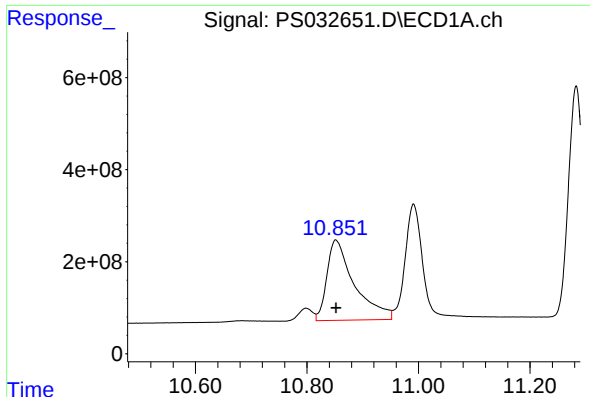
#14 DINOSEB

R.T.: 10.991 min
Delta R.T.: 0.000 min
Response: 5515353423
Conc: 210.73 ng/ml



#14 DINOSEB

R.T.: 10.830 min
Delta R.T.: 0.000 min
Response: 3259355946
Conc: 192.73 ng/ml m



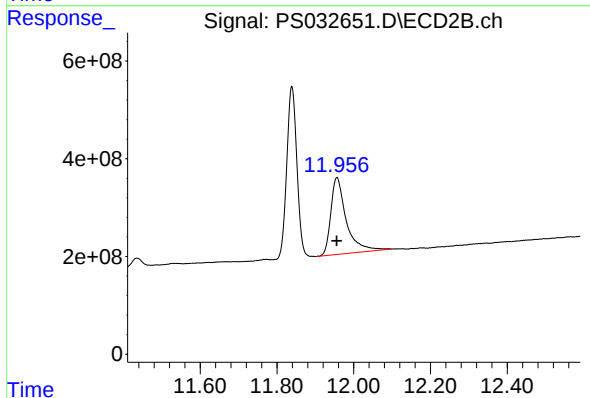
#15 Picloram

R.T.: 10.852 min
Delta R.T.: 0.000 min
Response: 5968678217
Conc: 157.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

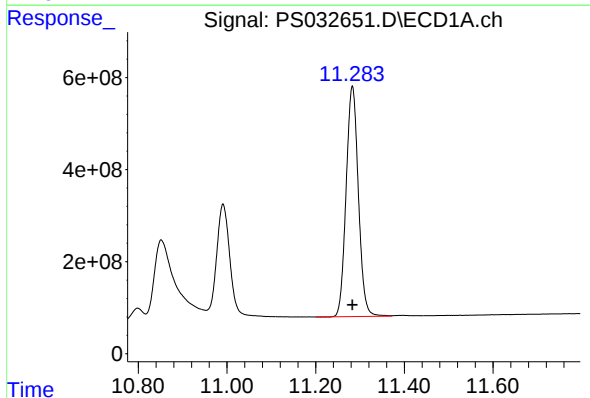
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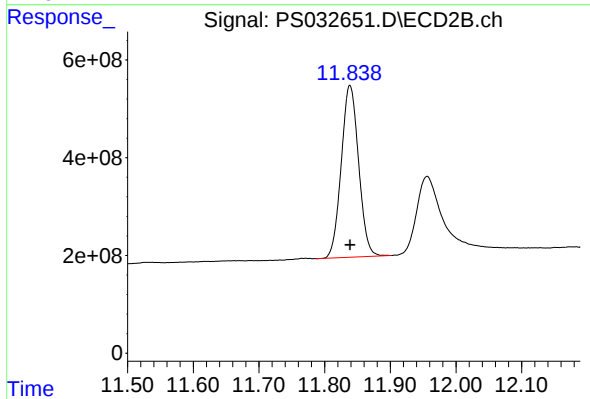
#15 Picloram

R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 4422461325
Conc: 161.76 ng/ml



#16 DCPA

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 9596791588
Conc: 216.61 ng/ml



#16 DCPA

R.T.: 11.839 min
Delta R.T.: 0.000 min
Response: 6458967177
Conc: 202.62 ng/ml