

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101325\
 Data File : PS031983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2025 10:53
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/14/2025
 Supervised By : mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 12:27:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:21:48 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	7.290	7.755	1118.0E6	218.3E6	220.942	197.827
Target Compounds							
1) T	Dalapon	2.663	2.687	1625.8E6	804.4E6	200.209	202.396
2) T	3,5-DICHL...	6.455	6.709	1523.1E6	447.3E6	203.970	203.574
3) T	4-Nitroph...	7.144	7.380	202.4E6	329.4E6	159.040m	209.137m#
5) T	DICAMBA	7.466	7.941	4513.7E6	1770.2E6	204.270	197.835
6) T	MCPD	7.639	8.032	197.7E6	45936623	17.101m	18.487m
7) T	MCPA	7.789	8.279	239.4E6	61911983	16.880	16.803
8) T	DICHLORPROP	8.178	8.665	1082.8E6	423.0E6	213.333	205.515
9) T	2,4-D	8.431	9.024	1031.6E6	431.3E6	207.551m	202.905m
10) T	Pentachlo...	8.704	9.509	17155.8E6	11628.0E6	217.348	202.076
11) T	2,4,5-TP ...	9.285	9.898	6308.5E6	4299.1E6	209.220	203.387
12) T	2,4,5-T	9.592	10.335	5155.6E6	3270.5E6	196.332	187.741
13) T	2,4-DB	10.172	10.906	535.8E6	239.6E6	177.446	188.157m
14) T	DINOSEB	11.348	11.265	5142.2E6	3166.5E6	214.039	200.361
15) T	Picloram	11.208	12.409	3438.6E6	6068.8E6	154.595	181.509
16) T	DCPA	11.647	12.306	8513.5E6	7236.5E6	214.473	205.732

(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

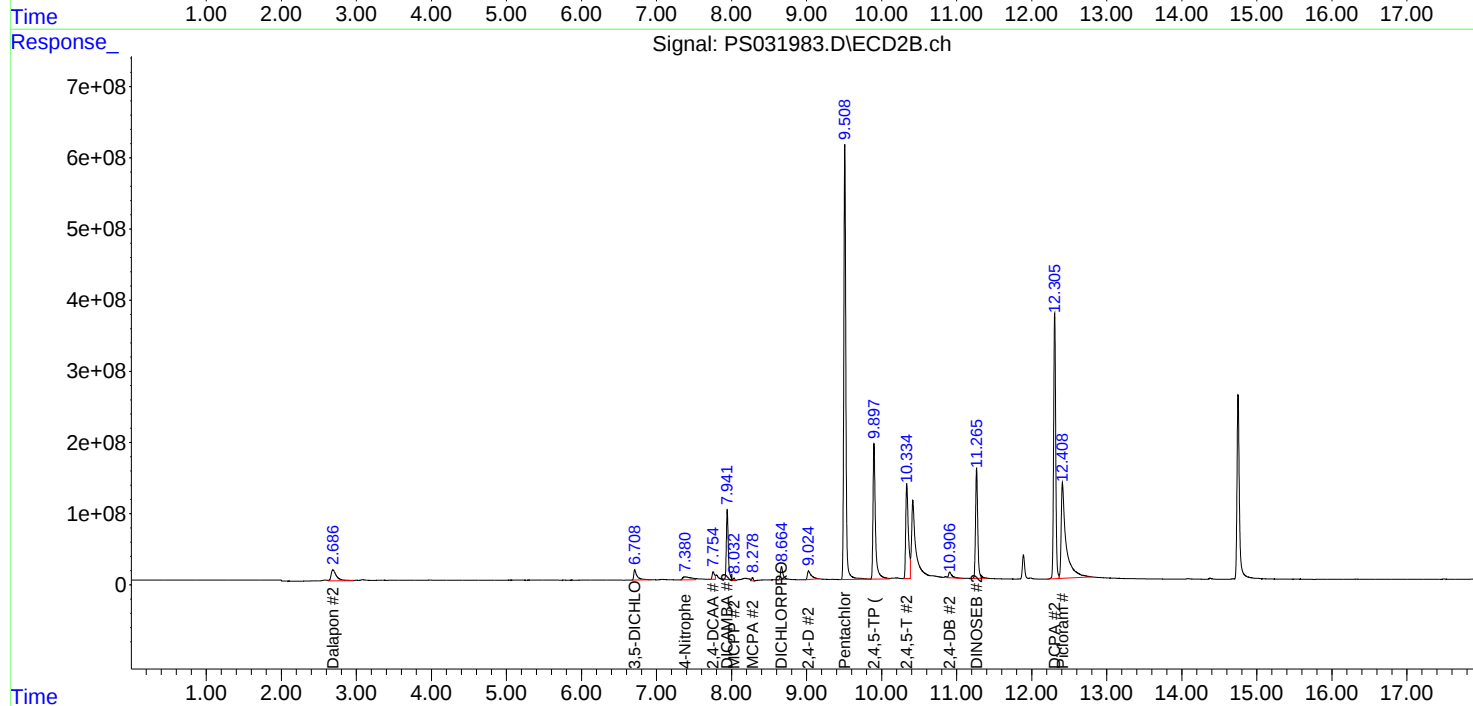
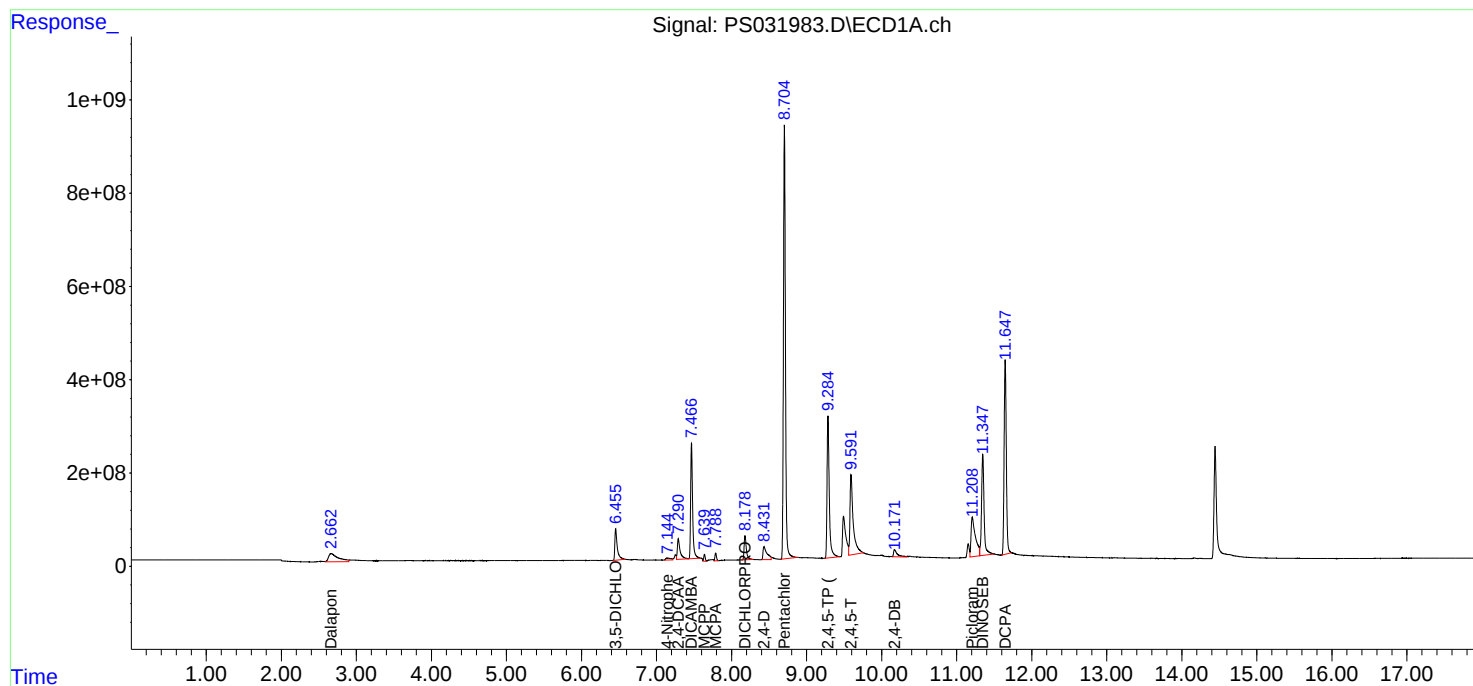
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

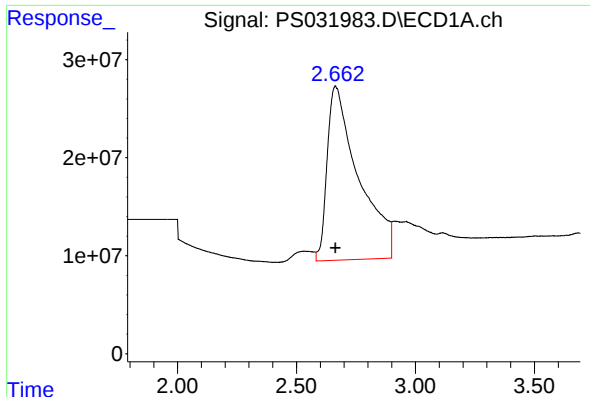
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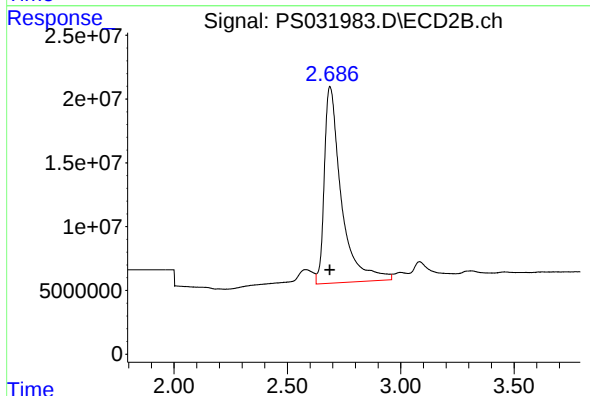
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: 0.000 min
Response: 1625813238
Conc: 200.21 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

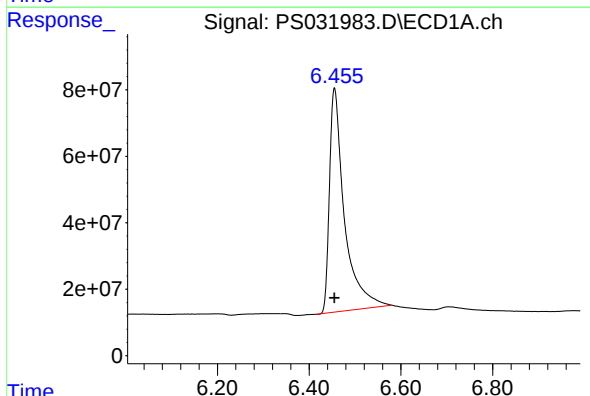
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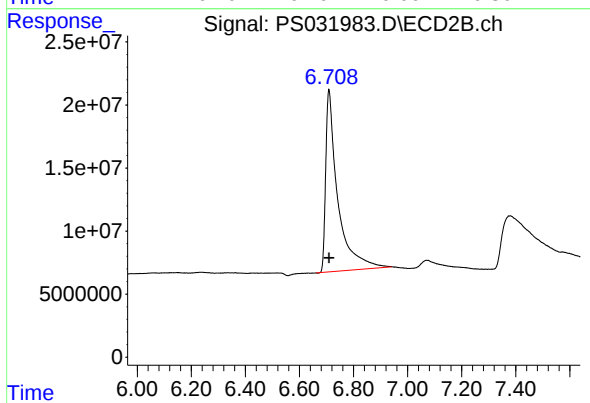
#1 Dalapon

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 804406188
Conc: 202.40 ng/ml



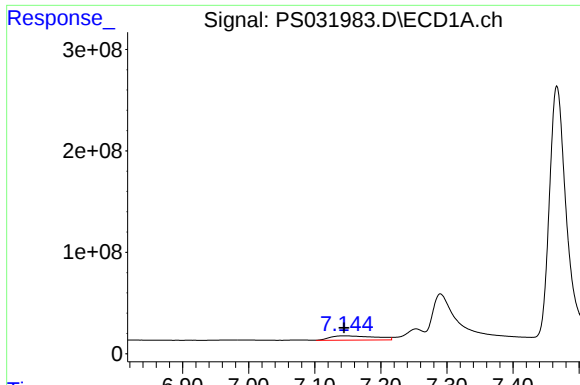
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 1523069070
Conc: 203.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 447320704
Conc: 203.57 ng/ml



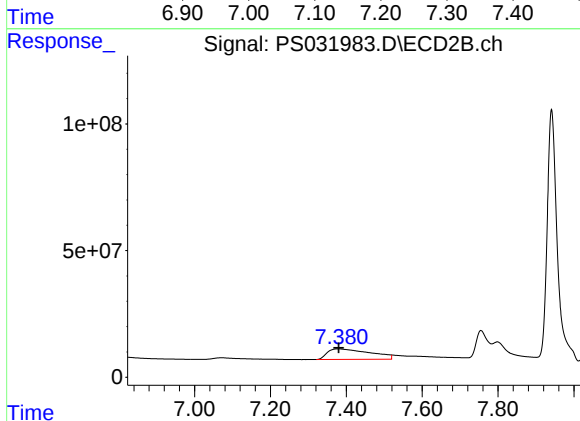
#3 4-Nitrophenol

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 202359178
Conc: 159.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

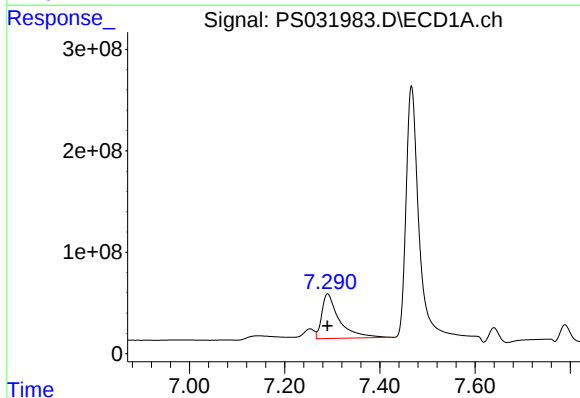
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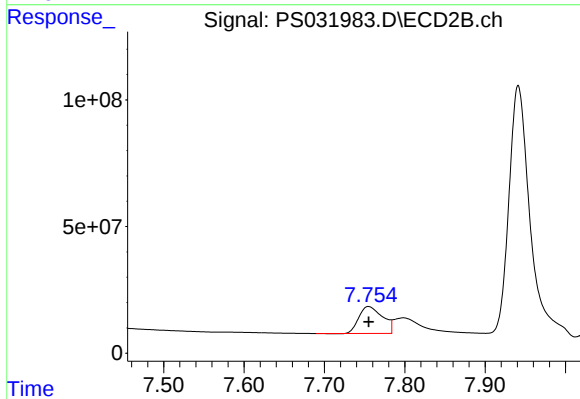
#3 4-Nitrophenol

R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 329382850
Conc: 209.14 ng/ml m



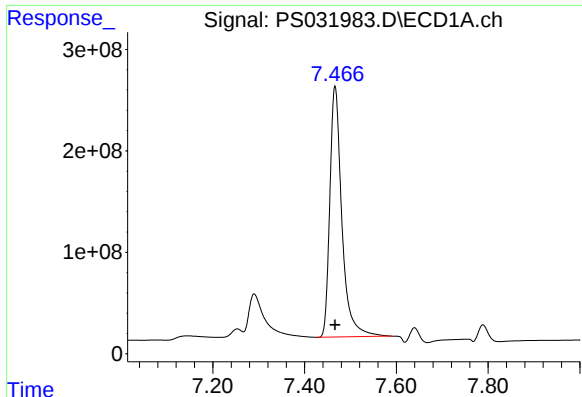
#4 2,4-DCAA

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 1118013076
Conc: 220.94 ng/ml



#4 2,4-DCAA

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 218316271
Conc: 197.83 ng/ml



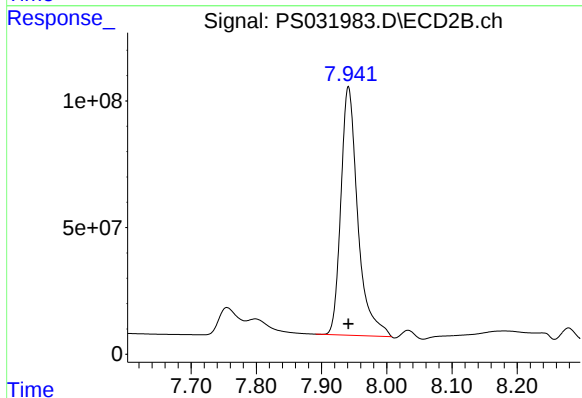
#5 DICAMBA

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 4513677170
Conc: 204.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

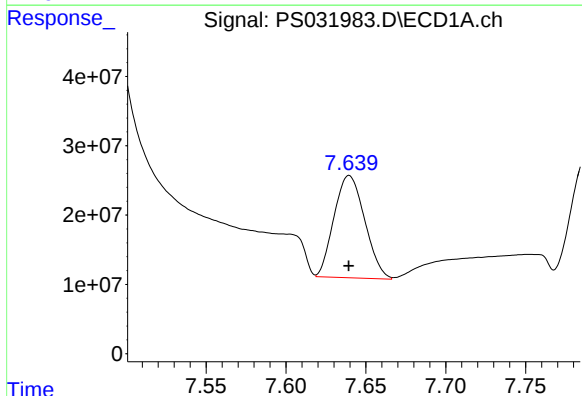
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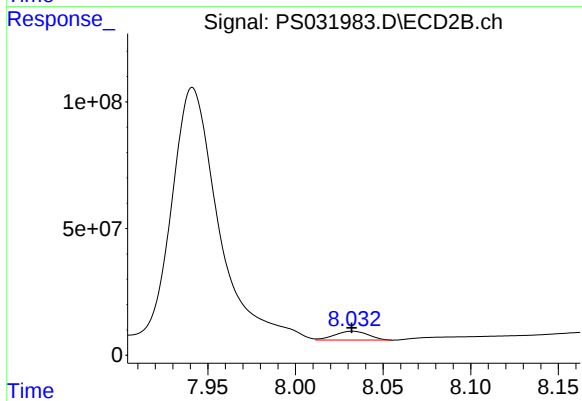
#5 DICAMBA

R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 1770223526
Conc: 197.84 ng/ml



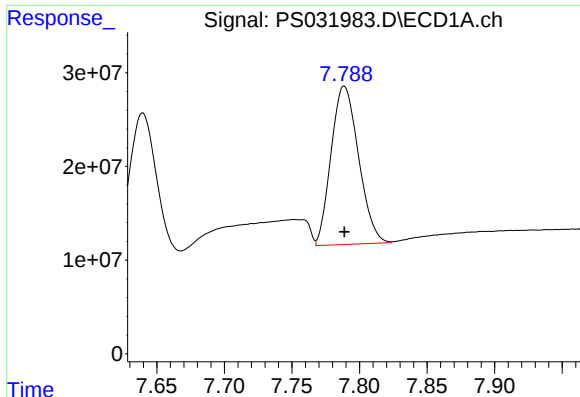
#6 MCPP

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 197705489
Conc: 17.10 ug/ml m



#6 MCPP

R.T.: 8.032 min
Delta R.T.: 0.000 min
Response: 45936623
Conc: 18.49 ug/ml m



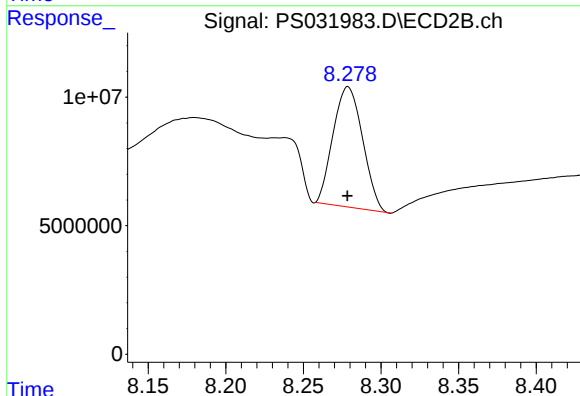
#7 MCPA

R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 239353895
Conc: 16.88 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

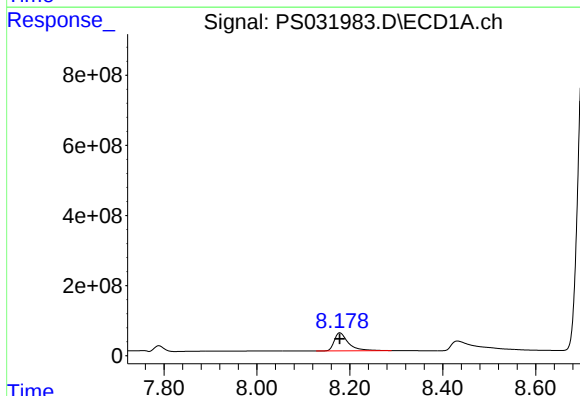
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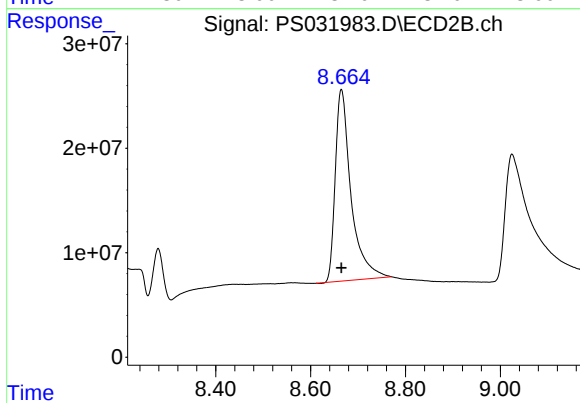
#7 MCPA

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 61911983
Conc: 16.80 ug/ml



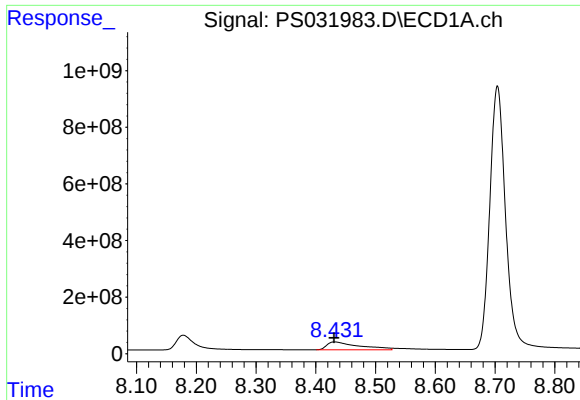
#8 DICHLORPROP

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 1082753912
Conc: 213.33 ng/ml



#8 DICHLORPROP

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 422955297
Conc: 205.51 ng/ml



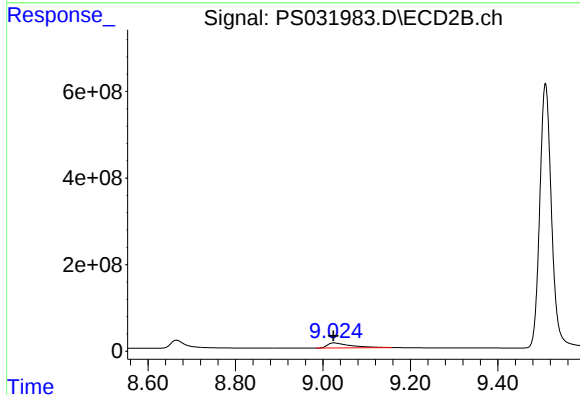
#9 2,4-D

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 1031581102
Conc: 207.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

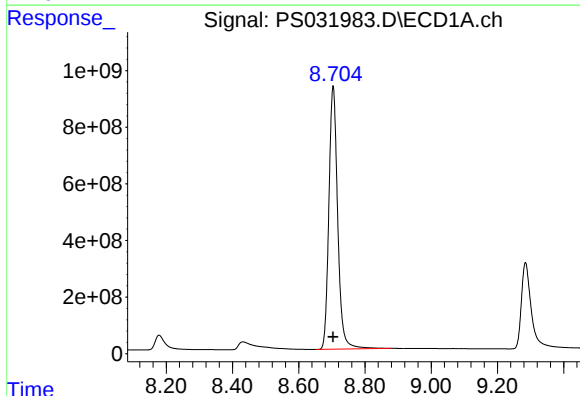
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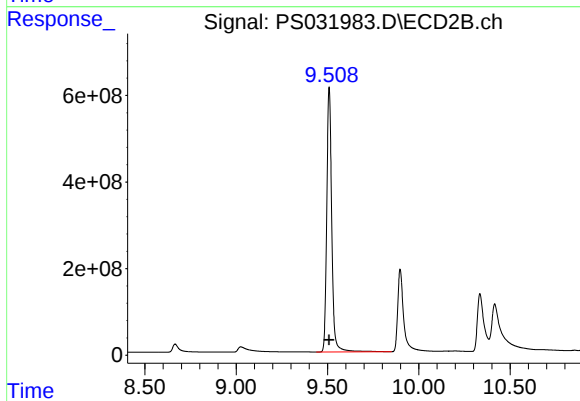
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 431340106
Conc: 202.90 ng/ml m



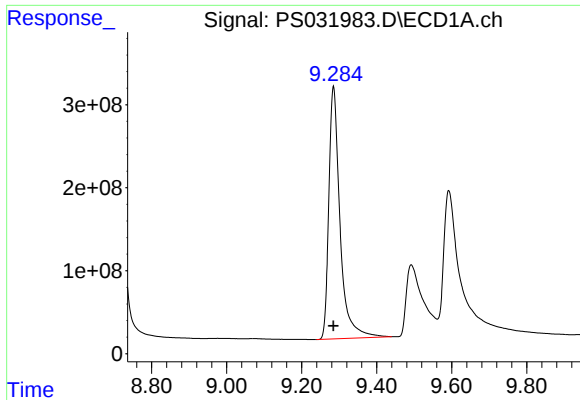
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 17155841690
Conc: 217.35 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 11627954079
Conc: 202.08 ng/ml



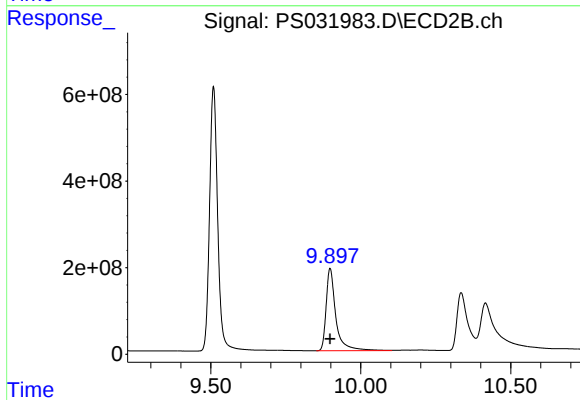
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 6308511439
Conc: 209.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

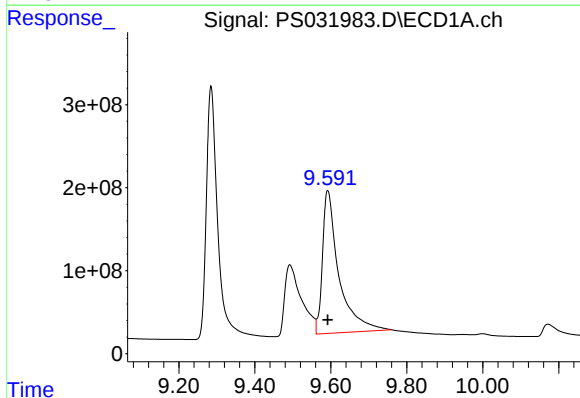
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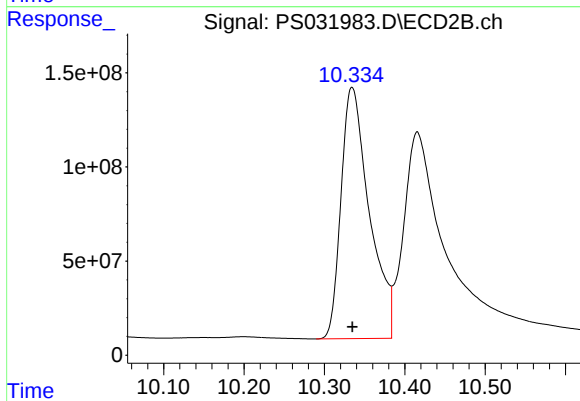
#11 2,4,5-TP (SILVEX)

R.T.: 9.898 min
Delta R.T.: 0.000 min
Response: 4299076320
Conc: 203.39 ng/ml



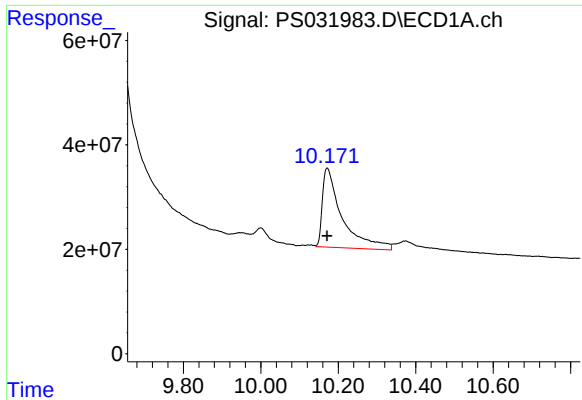
#12 2,4,5-T

R.T.: 9.592 min
Delta R.T.: 0.000 min
Response: 5155564297
Conc: 196.33 ng/ml



#12 2,4,5-T

R.T.: 10.335 min
Delta R.T.: 0.000 min
Response: 3270467792
Conc: 187.74 ng/ml



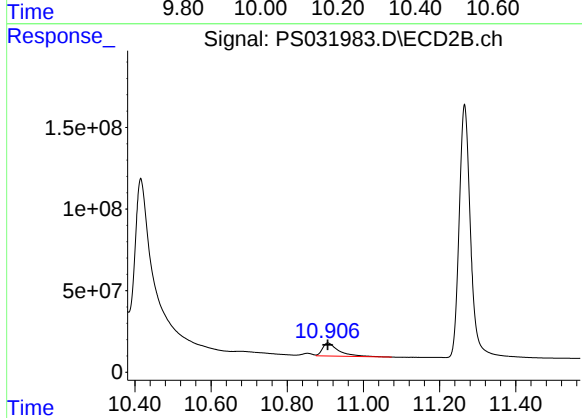
#13 2,4-DB

R.T.: 10.172 min
Delta R.T.: 0.000 min
Response: 535791056
Conc: 177.45 ng/ml

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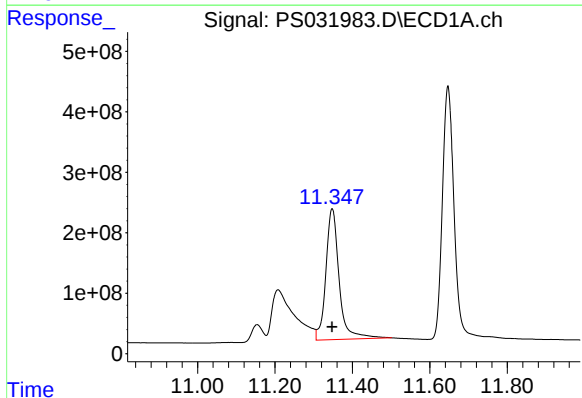
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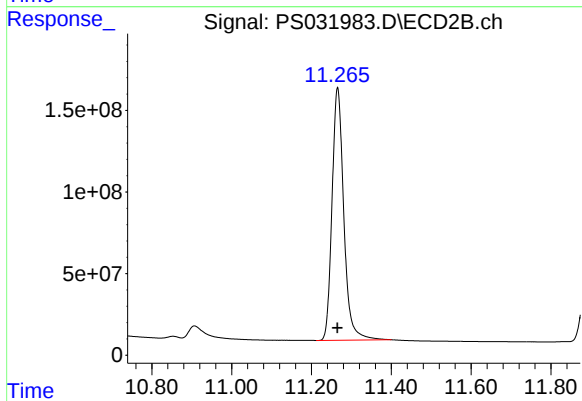
#13 2,4-DB

R.T.: 10.906 min
Delta R.T.: 0.000 min
Response: 239591466
Conc: 188.16 ng/ml m



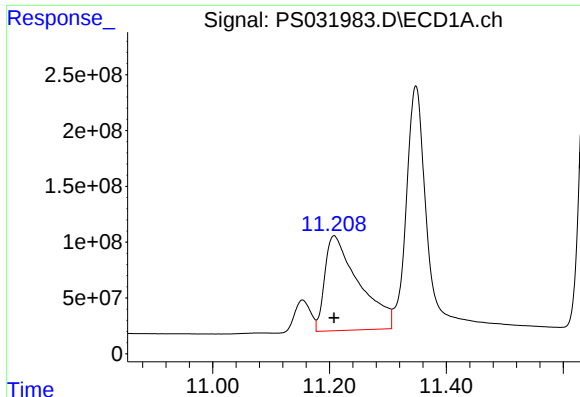
#14 DINOSEB

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 5142231934
Conc: 214.04 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 3166508362
Conc: 200.36 ng/ml



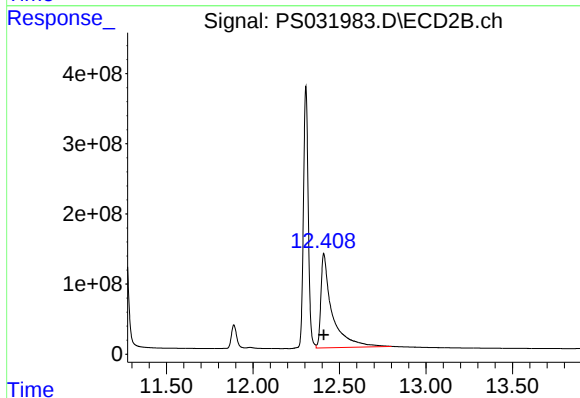
#15 Picloram

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 3438645222
Conc: 154.59 ng/ml

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ClientSampleId :
HSTDICC200

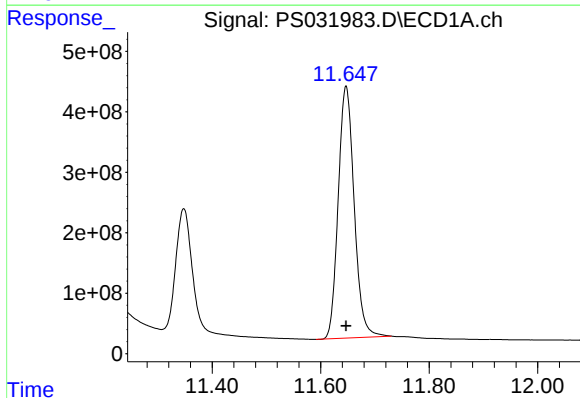
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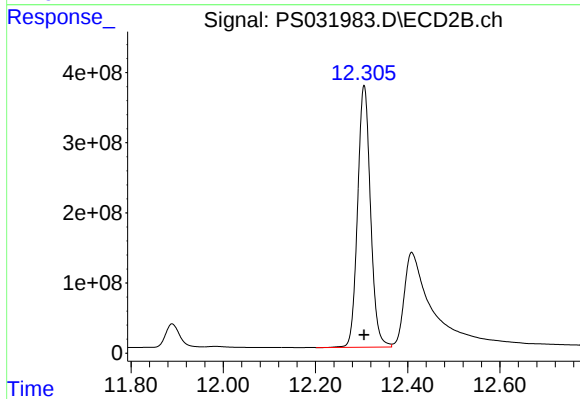
#15 Picloram

R.T.: 12.409 min
Delta R.T.: 0.000 min
Response: 6068754994
Conc: 181.51 ng/ml



#16 DCPA

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 8513461811
Conc: 214.47 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 7236486559
Conc: 205.73 ng/ml