

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
 Data File : PS031275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 16:30
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 17:39:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 17:34:36 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	7.316	7.768	613.0E6	176.6E6	206.922	208.304
Target Compounds							
1) T	Dalapon	2.688	2.704	921.2E6	469.2E6	188.568	188.630
2) T	3,5-DICHL...	6.478	6.715	822.8E6	252.1E6	191.081	192.345
3) T	4-Nitroph...	7.118	7.313	182.4E6	226.4E6	181.893	178.469
5) T	DICAMBA	7.503	7.966	2468.5E6	1011.0E6	190.422	187.976
6) T	MCPD	7.681	8.060	113.1E6	25466191	15.263	15.980
7) T	MCPA	7.831	8.308	152.6E6	42129242	16.560	16.914
8) T	DICHLORPROP	8.214	8.687	633.4E6	264.1E6	203.032	198.356
9) T	2,4-D	8.448	9.030	484.4E6	272.4E6	188.589	193.254
10) T	Pentachlo...	8.745	9.538	9305.3E6	6464.8E6	191.406	189.296
11) T	2,4,5-TP ...	9.327	9.925	3115.2E6	2480.9E6	187.322	192.999
12) T	2,4,5-T	9.623	10.355	2308.7E6	2217.7E6	179.129	189.723
13) T	2,4-DB	10.202	10.925	289.9E6	173.0E6	175.484	180.975m
14) T	DINOSEB	11.407	11.302	2130.4E6	1807.8E6	187.195	192.540
15) T	Picloram	11.230	12.428	1927.2E6	2762.4E6	173.439	170.671
16) T	DCPA	11.705	12.346	3830.0E6	3578.8E6	186.172	191.067

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

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Acq On : 29 Jul 2025 16:30
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

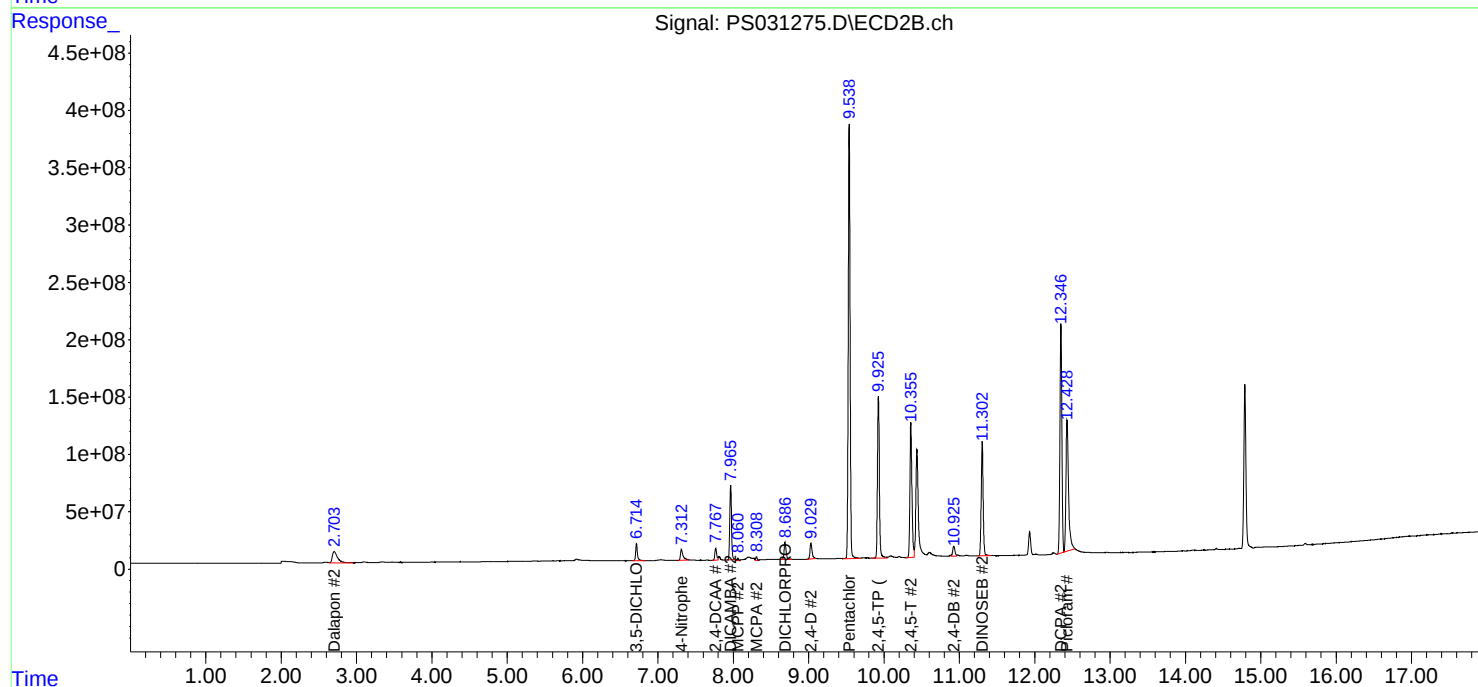
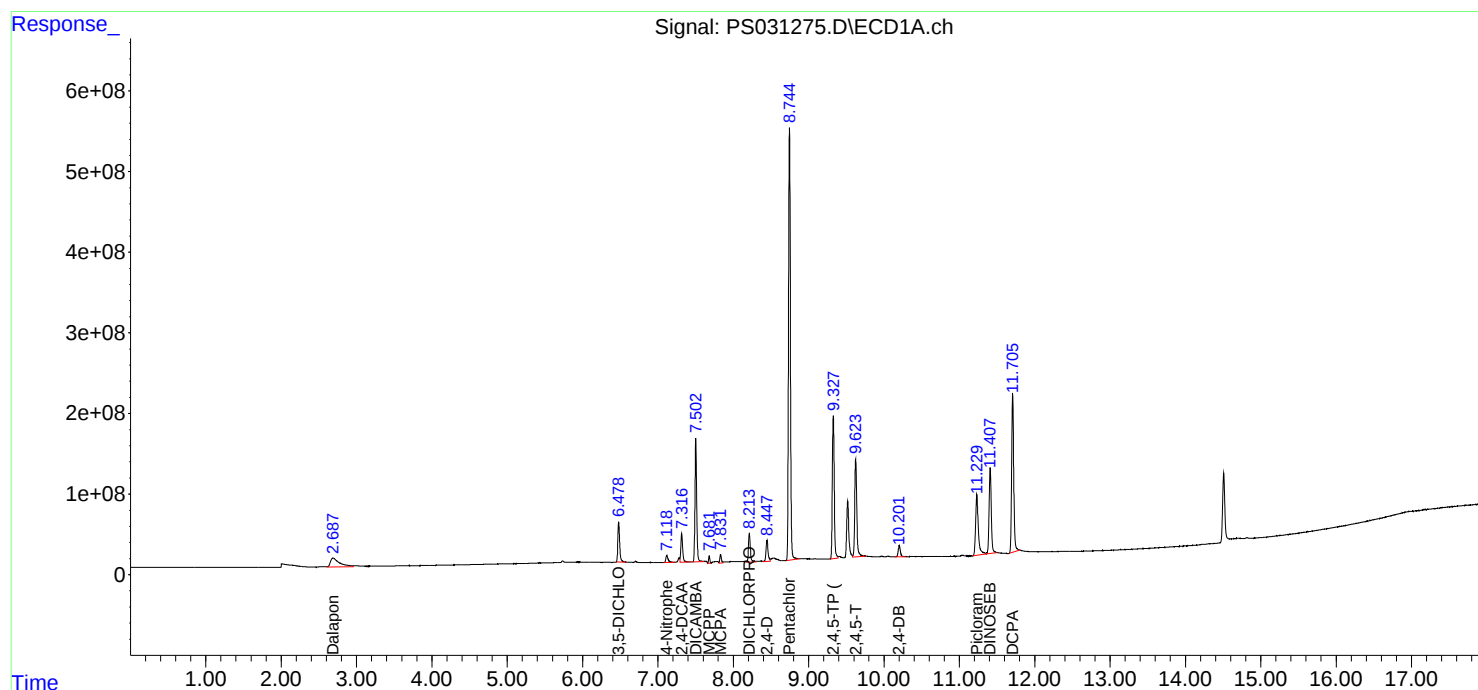
Instrument :
ECD_S
ClientSampleId :
HSTDICC200

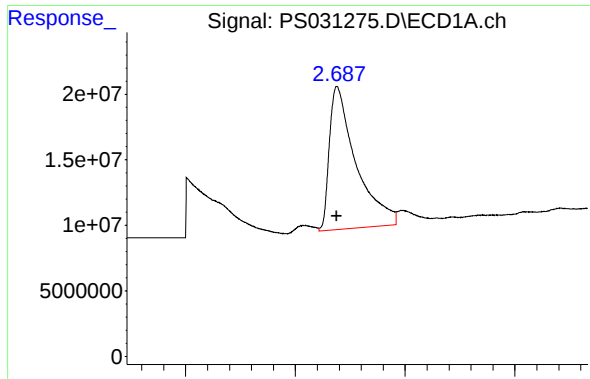
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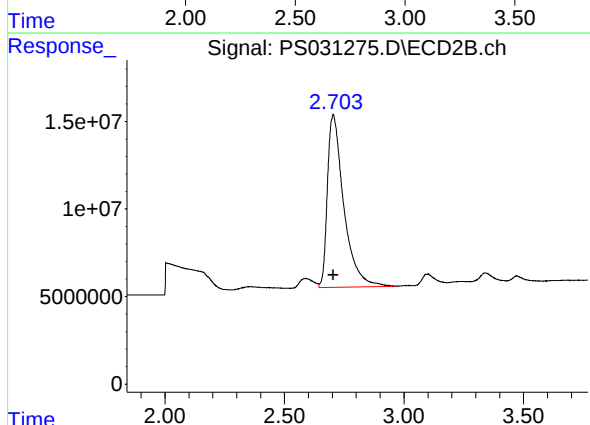
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 921169663
Conc: 188.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

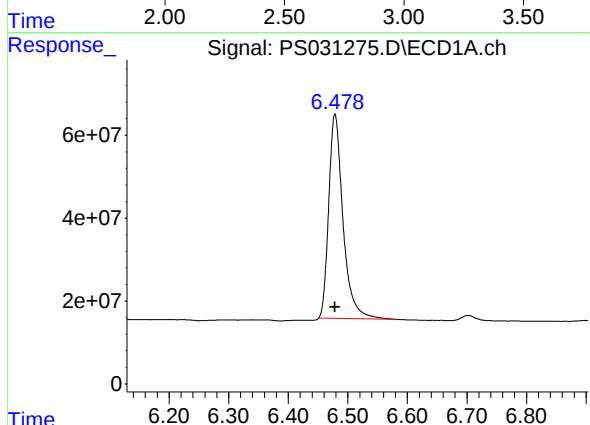
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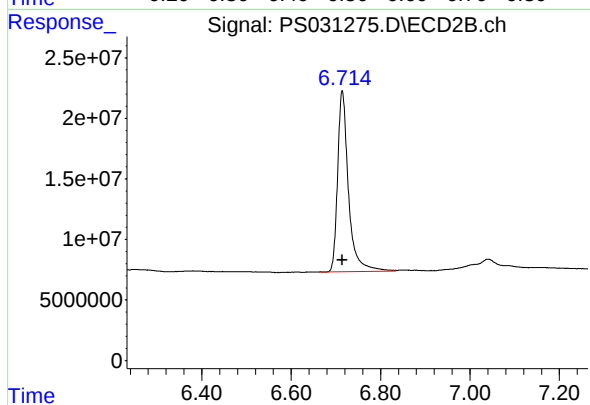
#1 Dalapon

R.T.: 2.704 min
Delta R.T.: 0.000 min
Response: 469186112
Conc: 188.63 ng/ml



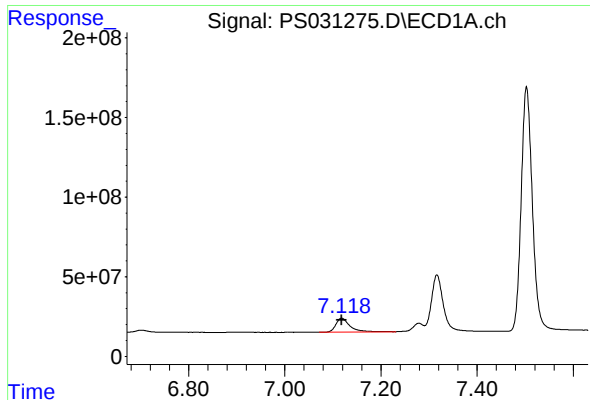
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 822756364
Conc: 191.08 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 252050677
Conc: 192.35 ng/ml



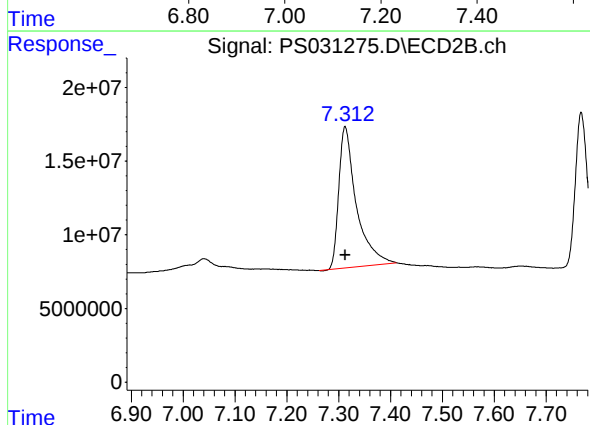
#3 4-Nitrophenol

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 182409458
Conc: 181.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

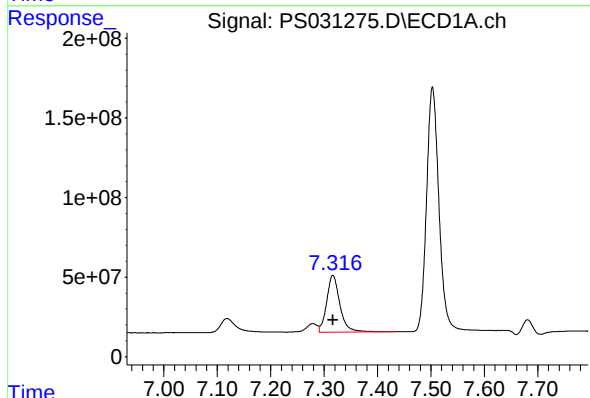
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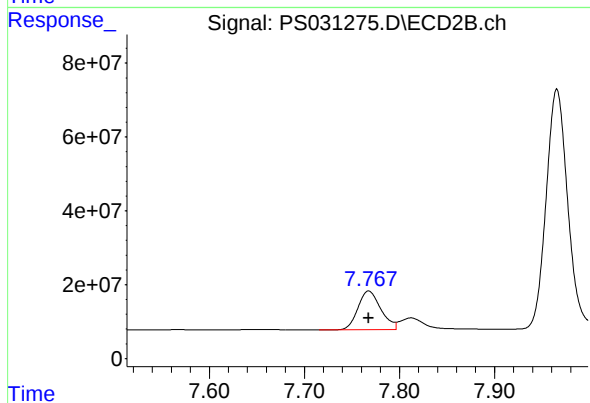
#3 4-Nitrophenol

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 226384237
Conc: 178.47 ng/ml



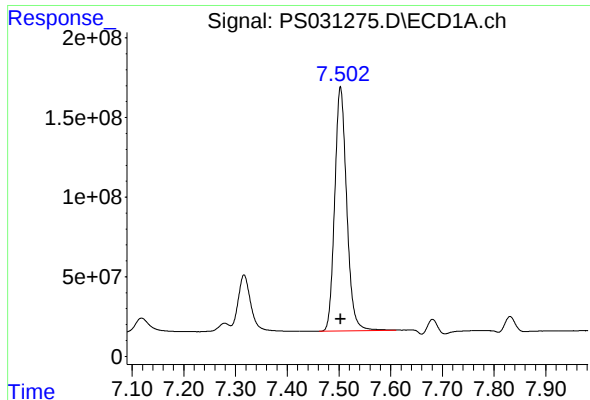
#4 2,4-DCAA

R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 612967772
Conc: 206.92 ng/ml



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 176559435
Conc: 208.30 ng/ml



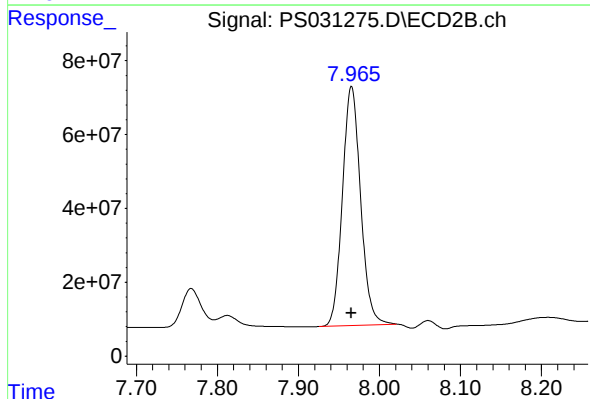
#5 DICAMBA

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 2468469764
Conc: 190.42 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

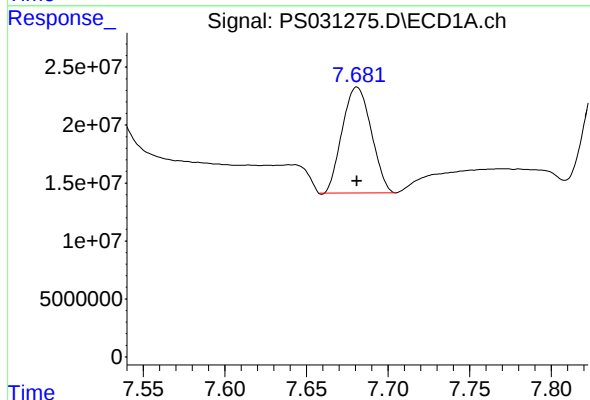
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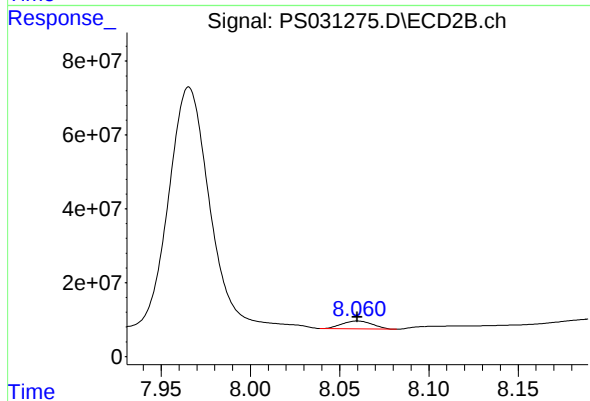
#5 DICAMBA

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 1010996129
Conc: 187.98 ng/ml



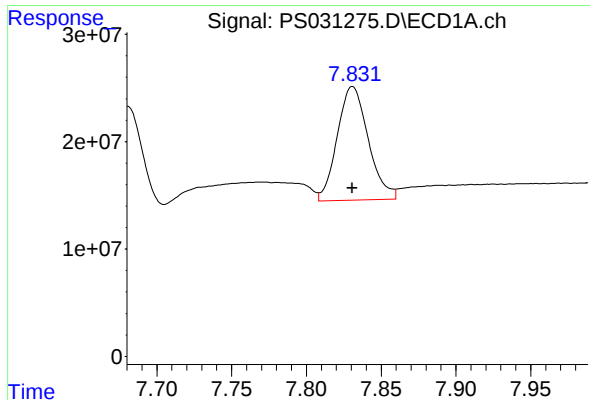
#6 MCPP

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 113132233
Conc: 15.26 ug/ml



#6 MCPP

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 25466191
Conc: 15.98 ug/ml



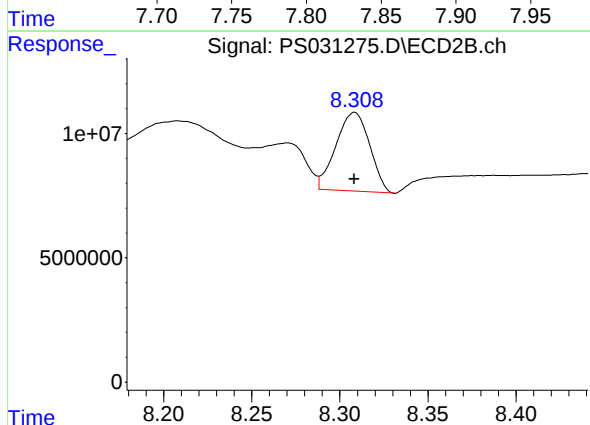
#7 MCPA

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 152634492
Conc: 16.56 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

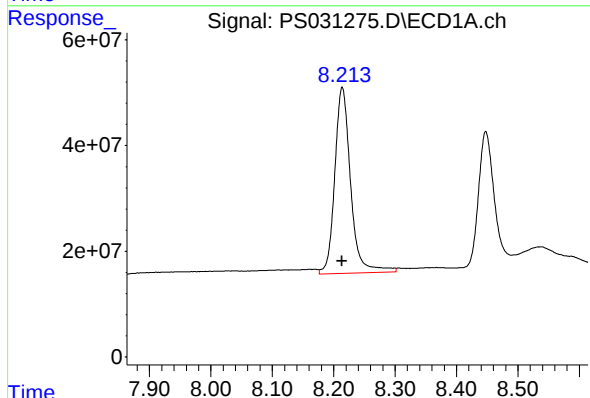
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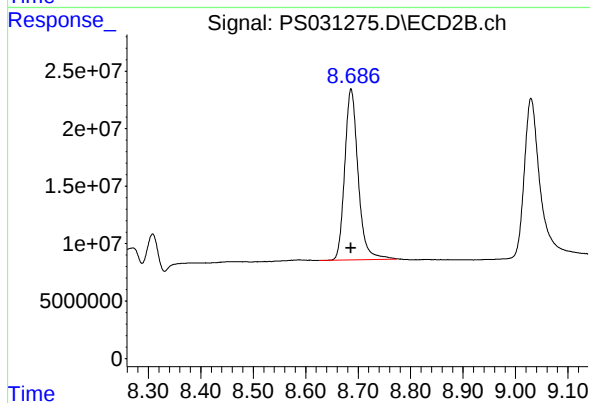
#7 MCPA

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 42129242
Conc: 16.91 ug/ml



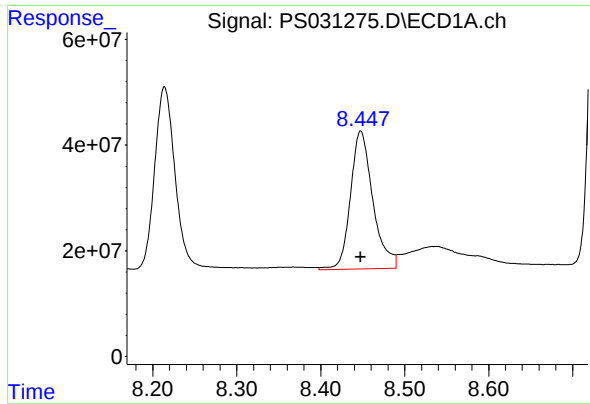
#8 DICHLORPROP

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 633442014
Conc: 203.03 ng/ml



#8 DICHLORPROP

R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 264117010
Conc: 198.36 ng/ml



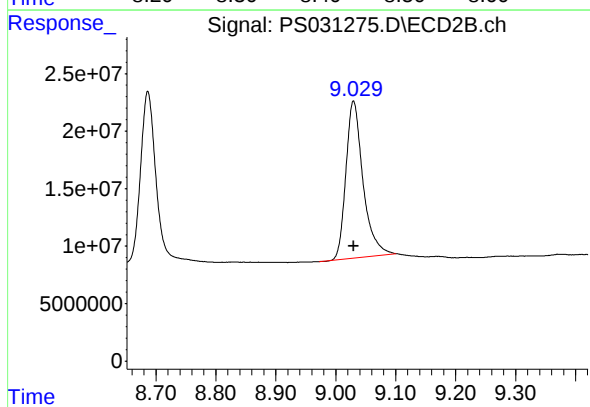
#9 2,4-D

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 484395281
Conc: 188.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

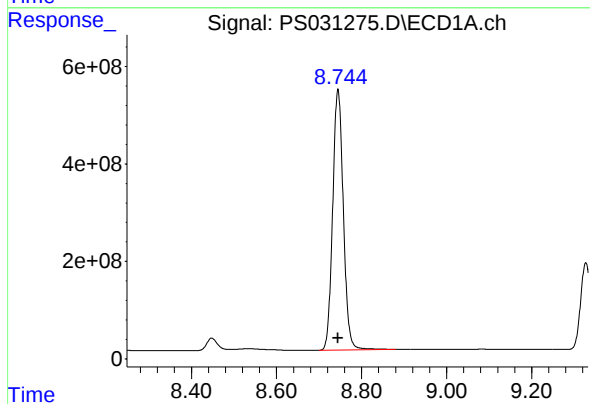
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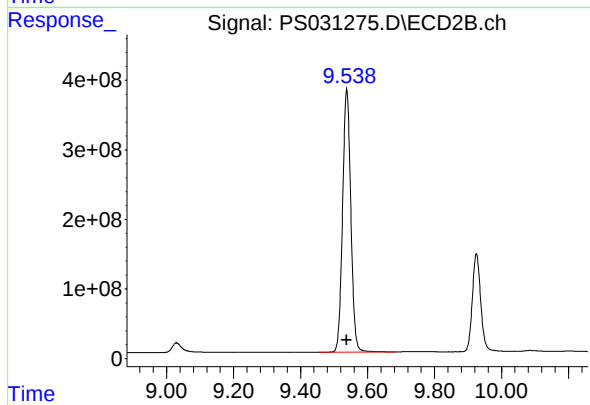
#9 2,4-D

R.T.: 9.030 min
Delta R.T.: 0.000 min
Response: 272398710
Conc: 193.25 ng/ml



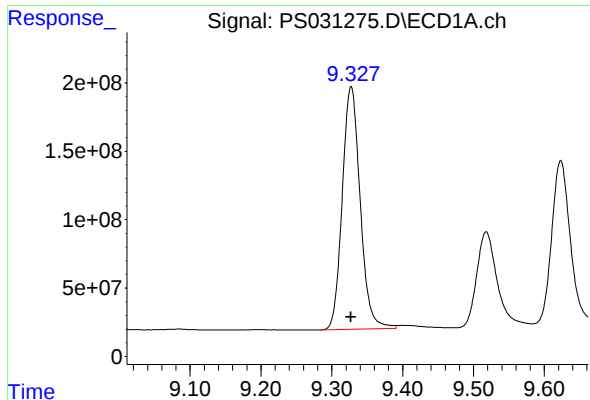
#10 Pentachlorophenol

R.T.: 8.745 min
Delta R.T.: 0.000 min
Response: 9305287569
Conc: 191.41 ng/ml



#10 Pentachlorophenol

R.T.: 9.538 min
Delta R.T.: 0.000 min
Response: 6464774696
Conc: 189.30 ng/ml



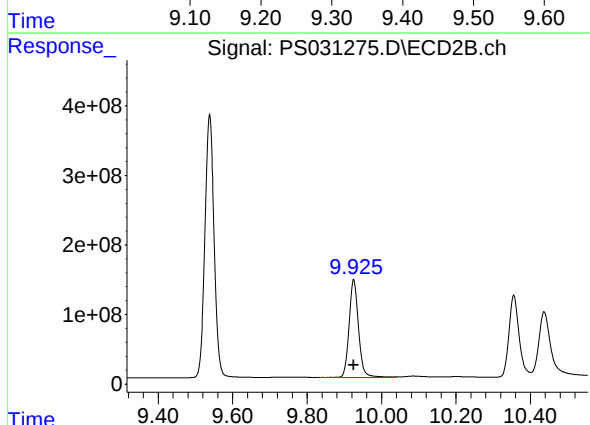
#11 2,4,5-TP (SILVEX)

R.T.: 9.327 min
Delta R.T.: 0.000 min
Response: 3115240515
Conc: 187.32 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

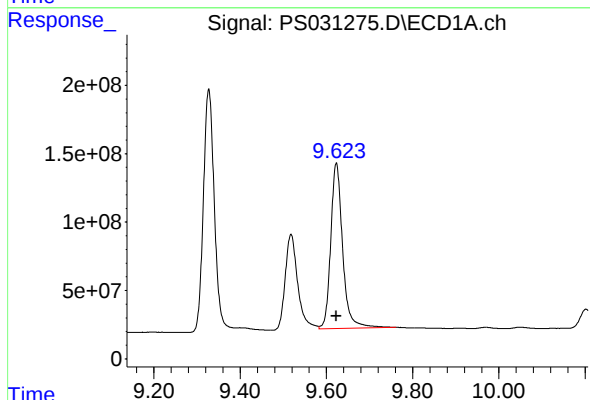
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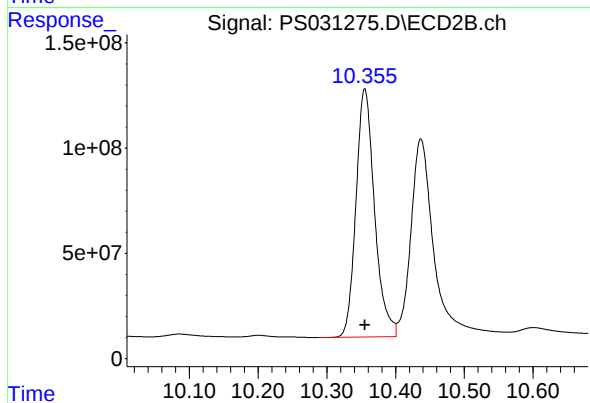
#11 2,4,5-TP (SILVEX)

R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 2480902473
Conc: 193.00 ng/ml



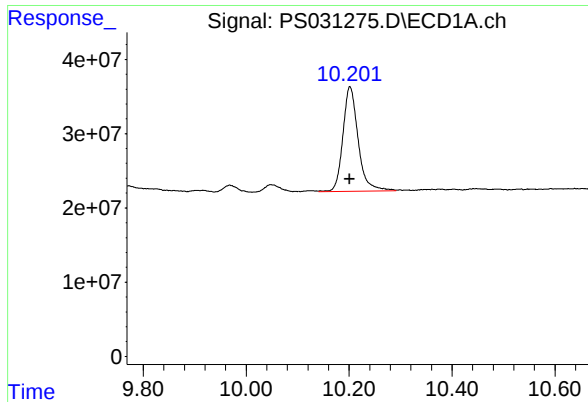
#12 2,4,5-T

R.T.: 9.623 min
Delta R.T.: 0.000 min
Response: 2308713314
Conc: 179.13 ng/ml



#12 2,4,5-T

R.T.: 10.355 min
Delta R.T.: 0.000 min
Response: 2217695770
Conc: 189.72 ng/ml



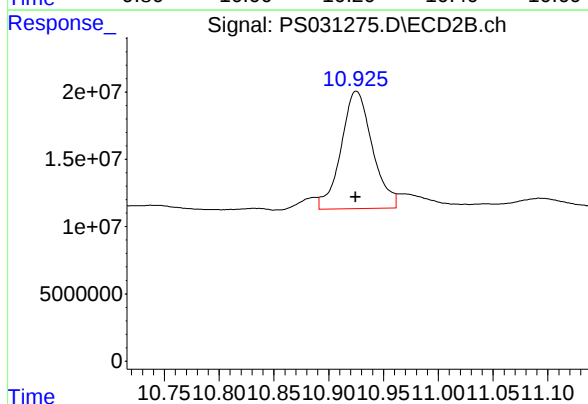
#13 2,4-DB

R.T.: 10.202 min
Delta R.T.: 0.000 min
Response: 289853079
Conc: 175.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

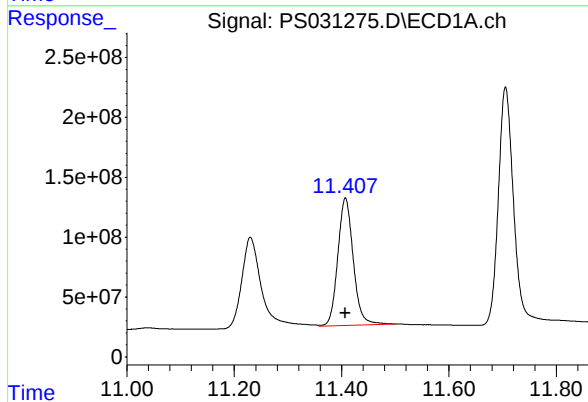
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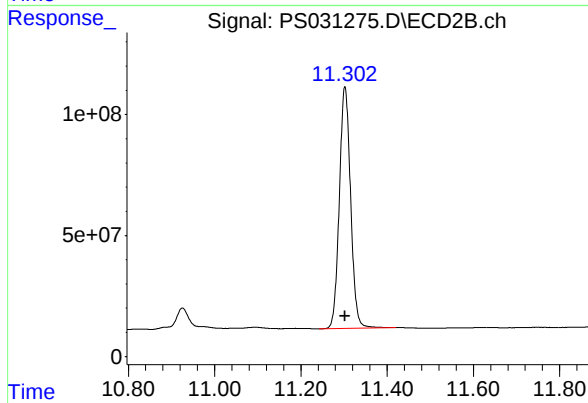
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 173007427
Conc: 180.98 ng/ml



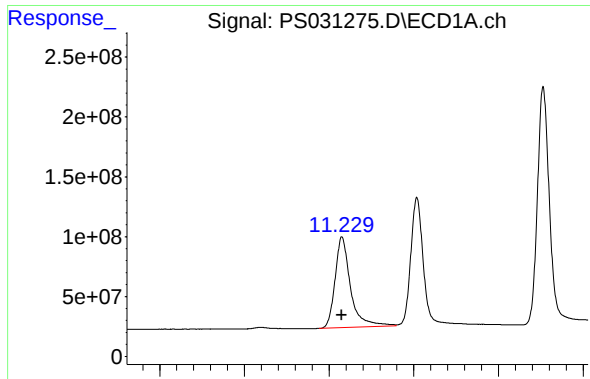
#14 DINOSEB

R.T.: 11.407 min
Delta R.T.: 0.000 min
Response: 2130418736
Conc: 187.19 ng/ml



#14 DINOSEB

R.T.: 11.302 min
Delta R.T.: 0.000 min
Response: 1807779840
Conc: 192.54 ng/ml



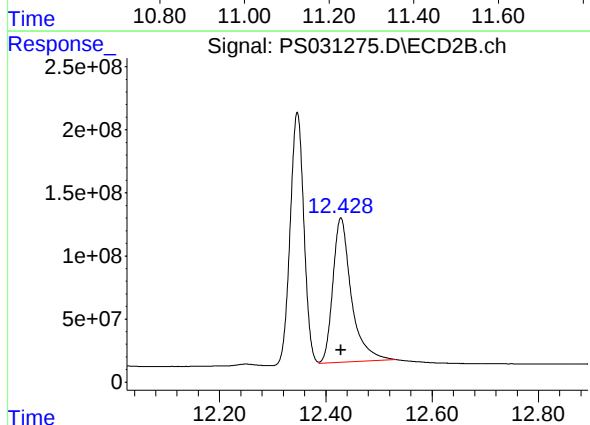
#15 Picloram

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 1927245063
Conc: 173.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

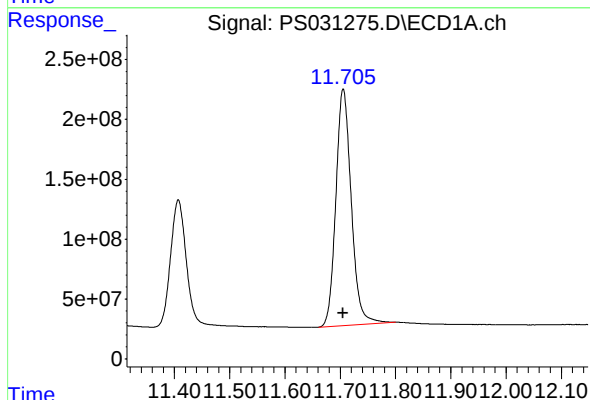
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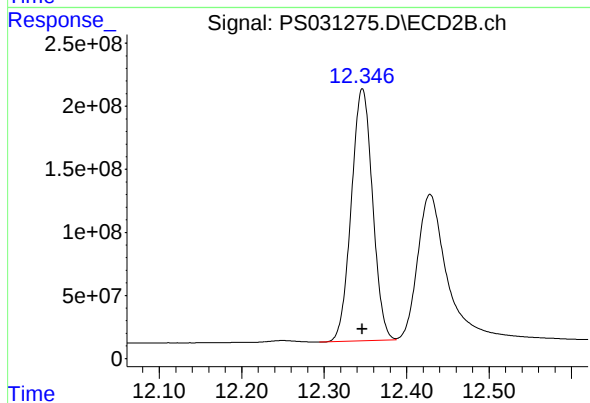
#15 Picloram

R.T.: 12.428 min
Delta R.T.: 0.000 min
Response: 2762429194
Conc: 170.67 ng/ml



#16 DCPA

R.T.: 11.705 min
Delta R.T.: 0.000 min
Response: 3829977338
Conc: 186.17 ng/ml



#16 DCPA

R.T.: 12.346 min
Delta R.T.: 0.000 min
Response: 3578820387
Conc: 191.07 ng/ml