

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS090925\
 Data File : PS031672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 13:08
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/10/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 13:55:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:54:57 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	7.283	7.741	4991.7E6	1310.6E6	1385.994	1441.930
Target Compounds							
1) T	Dalapon	2.671	2.692	7343.5E6	3675.2E6	1270.340	1304.360
2) T	3,5-DICHL...	6.452	6.693	6773.2E6	2020.9E6	1269.968	1325.242
3) T	4-Nitroph...	7.090	7.283	1615.4E6	1959.9E6	1464.258	1553.188m
5) T	DICAMBA	7.469	7.939	20753.6E6	8850.7E6	1330.638	1360.214
6) T	MCPD	7.651	8.040	1433.8E6	271.7E6	160.399	144.283
7) T	MCPA	7.802	8.290	1688.4E6	419.8E6	151.962	149.880
8) T	DICHLORPROP	8.176	8.657	4585.2E6	1953.9E6	1287.334	1342.808
9) T	2,4-D	8.411	8.996	4441.5E6	2192.3E6	1296.549	1332.615
10) T	Pentachlo...	8.719	9.510	54922.3E6	47983.8E6	1034.438	1208.947
11) T	2,4,5-TP ...	9.285	9.892	27381.5E6	19952.8E6	1305.517	1325.388
12) T	2,4,5-T	9.580	10.319	25294.4E6	18410.5E6	1382.345	1368.099
13) T	2,4-DB	10.154	10.887	3499.1E6	1420.8E6	1500.000	1327.803
14) T	DINOSEB	11.354	11.265	18839.3E6	13569.0E6	1306.230	1395.887
15) T	Picloram	11.178	12.380	27051.4E6	33998.6E6	1501.929	1435.553
16) T	DCPA	11.653	12.306	34988.5E6	32459.6E6	1298.279	1346.261m

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

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Acq On : 09 Sep 2025 13:08
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

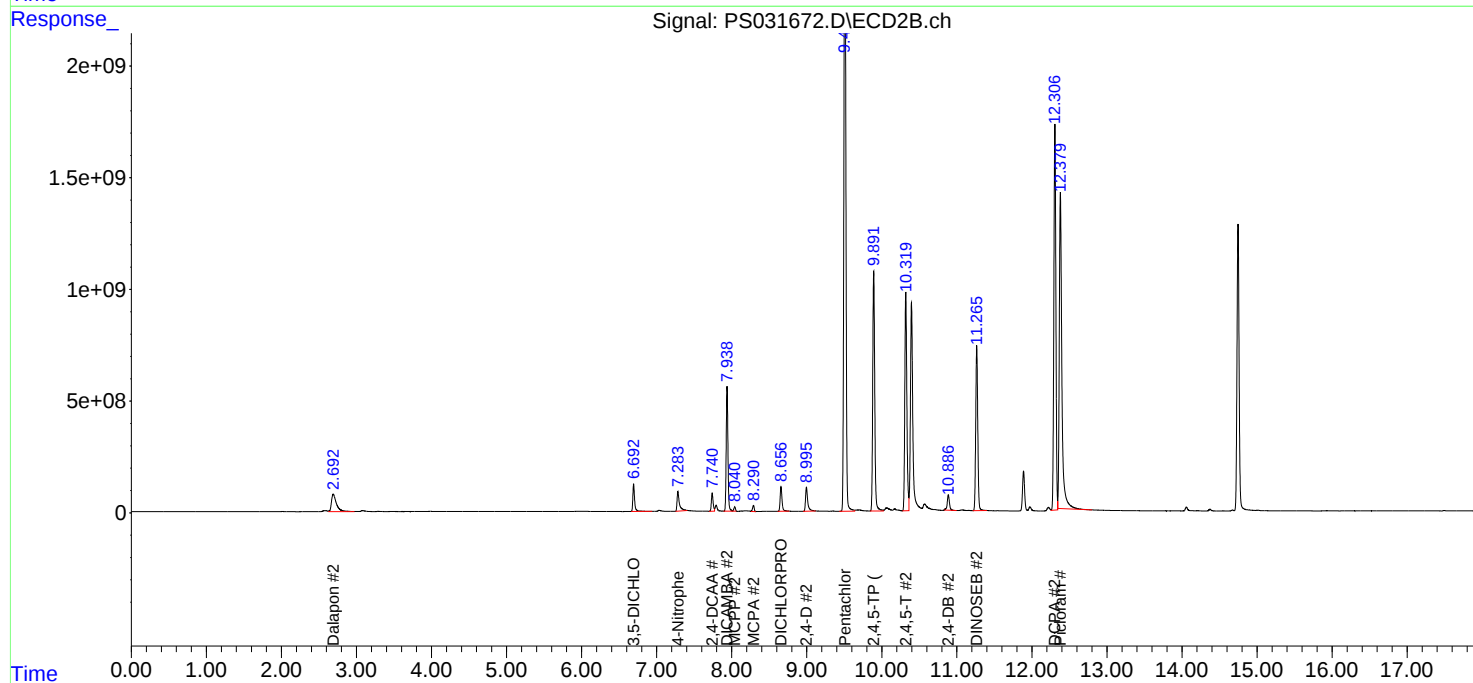
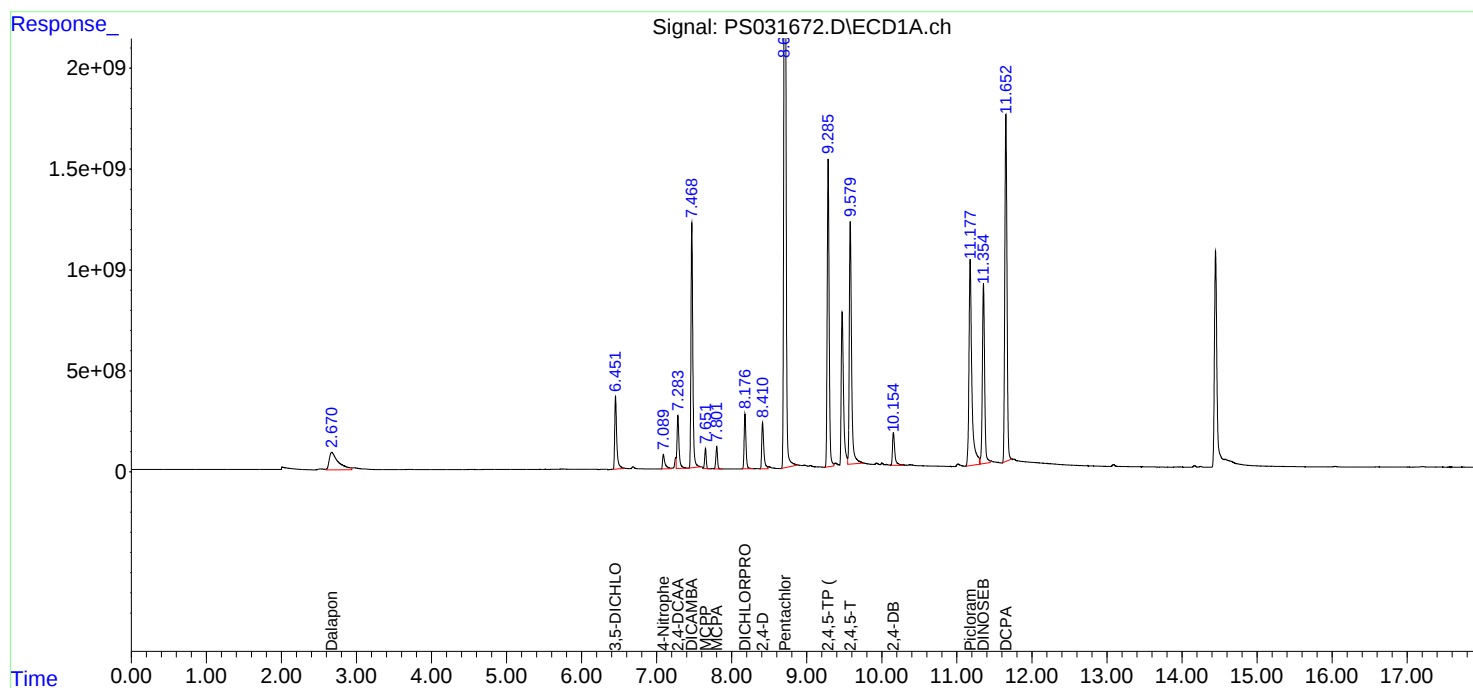
Instrument :
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ClientSampleId :
HSTDICC1500

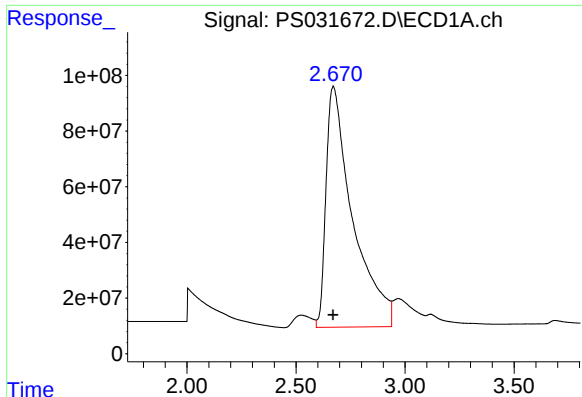
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Supervised By : mohammad ahmed 09/11/2025

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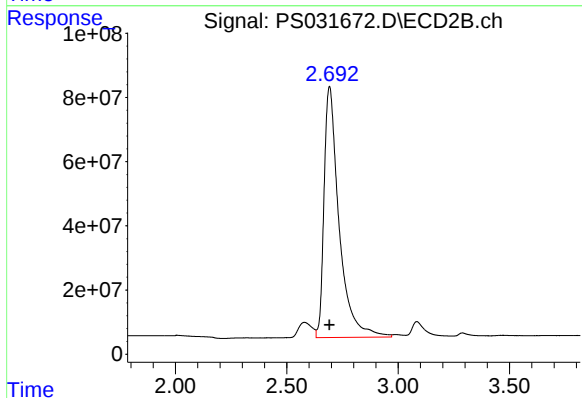
#1 Dalapon

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 7343511922
Conc: 1270.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

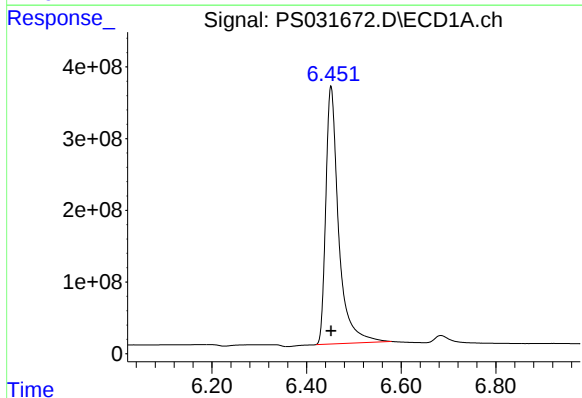
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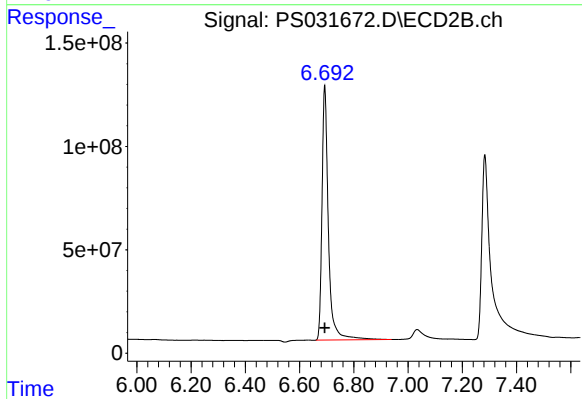
#1 Dalapon

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 3675200043
Conc: 1304.36 ng/ml



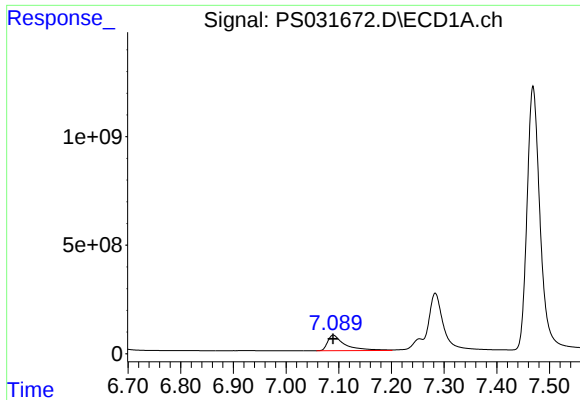
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 6773195966
Conc: 1269.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 2020947662
Conc: 1325.24 ng/ml



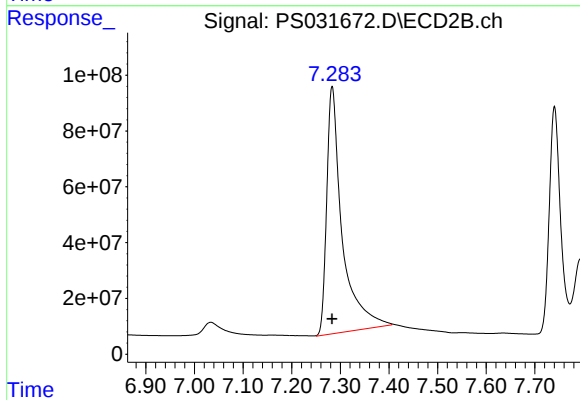
#3 4-Nitrophenol

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 1615383144
Conc: 1464.26 ng/m

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

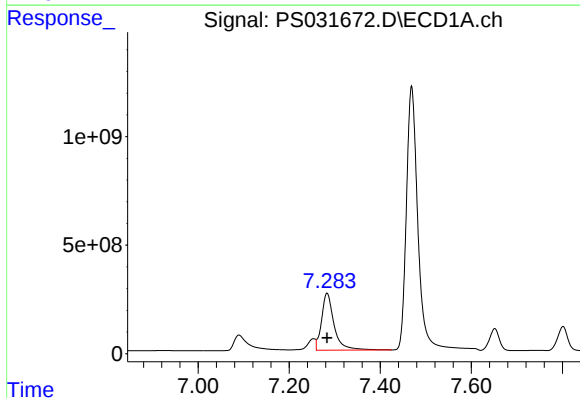
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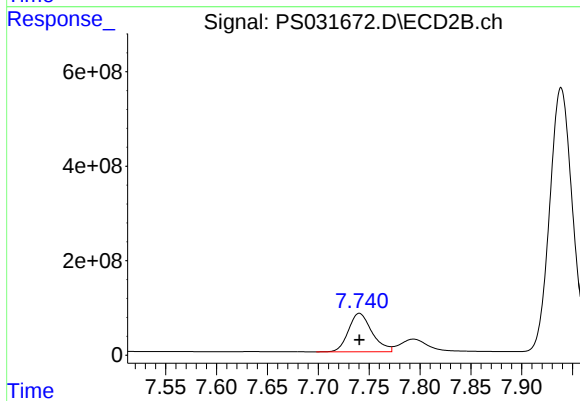
#3 4-Nitrophenol

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 1959939172
Conc: 1553.19 ng/ml m



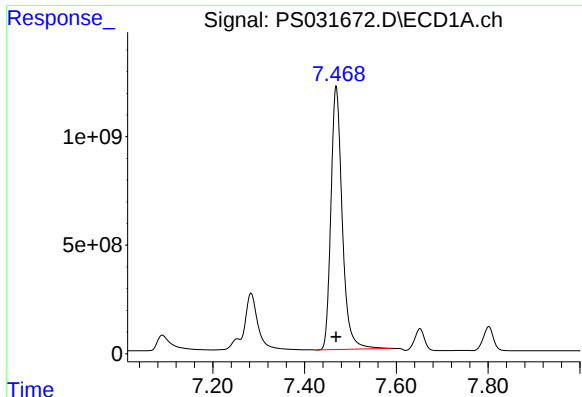
#4 2,4-DCAA

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 4991695949
Conc: 1385.99 ng/ml



#4 2,4-DCAA

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 1310569864
Conc: 1441.93 ng/ml



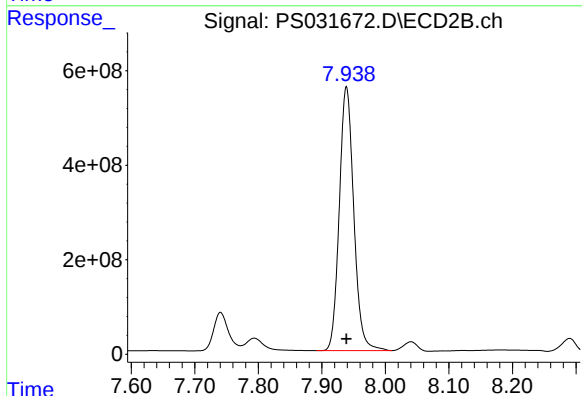
#5 DICAMBA

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 20753567624
Conc: 1330.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

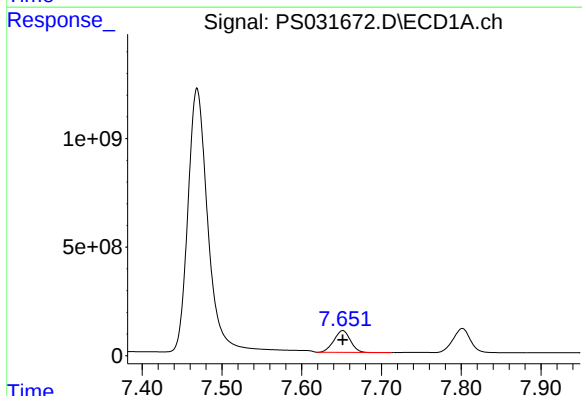
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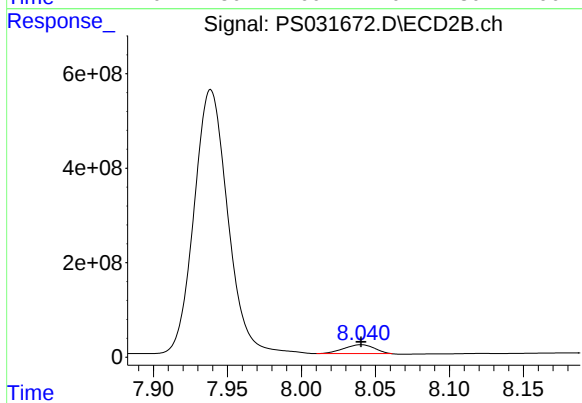
#5 DICAMBA

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 8850704566
Conc: 1360.21 ng/ml



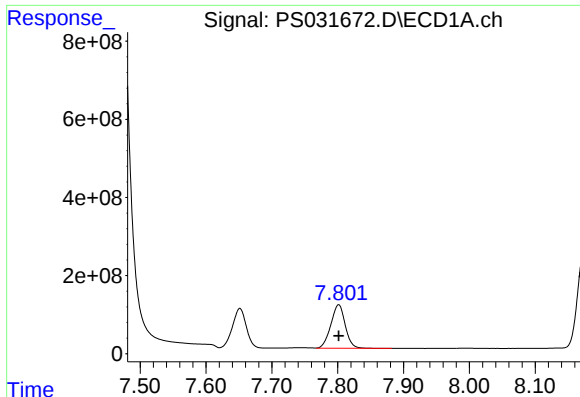
#6 MCP

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 1433847168
Conc: 160.40 ug/ml



#6 MCP

R.T.: 8.040 min
Delta R.T.: 0.000 min
Response: 271742945
Conc: 144.28 ug/ml



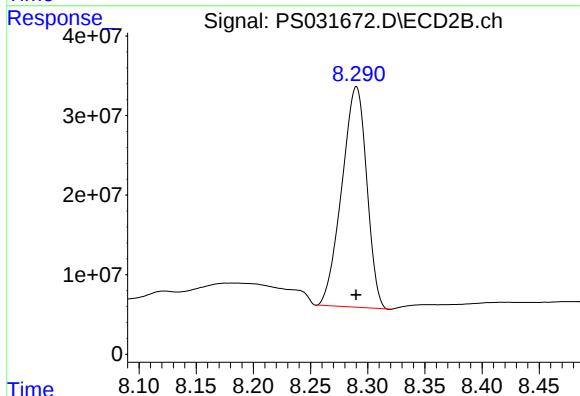
#7 MCPA

R.T.: 7.802 min
Delta R.T.: 0.000 min
Response: 1688368418
Conc: 151.96 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

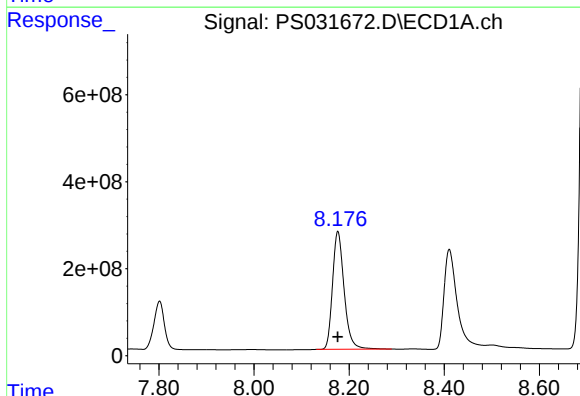
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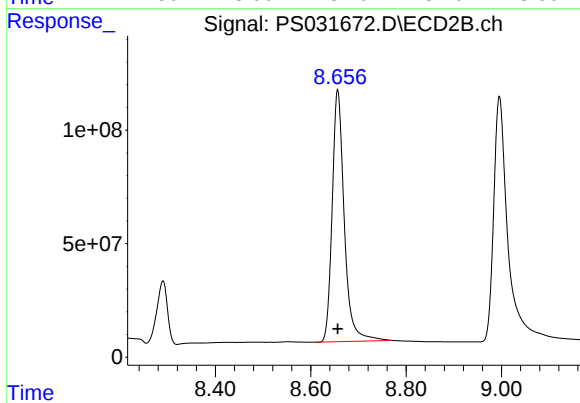
#7 MCPA

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 419846998
Conc: 149.88 ug/ml



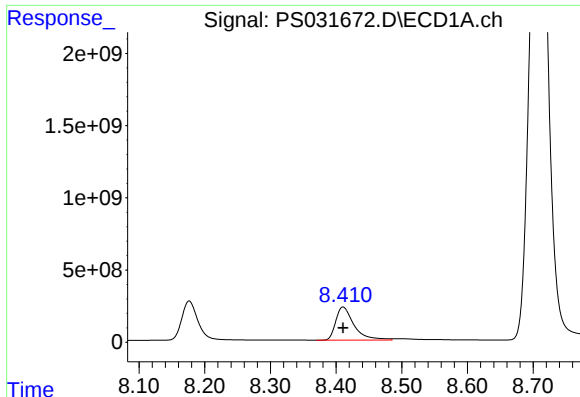
#8 DICHLORPROP

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 4585179841
Conc: 1287.33 ng/ml



#8 DICHLORPROP

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1953867172
Conc: 1342.81 ng/ml



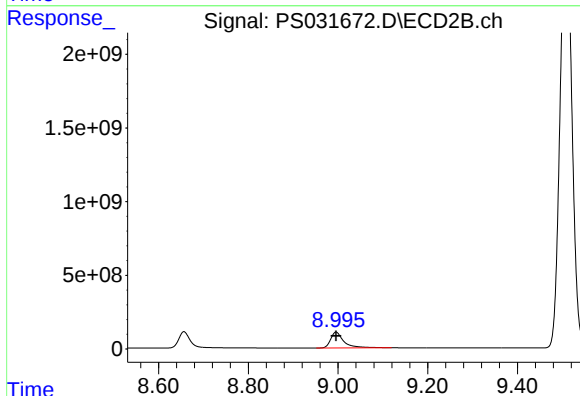
#9 2,4-D

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 4441511629
Conc: 1296.55 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

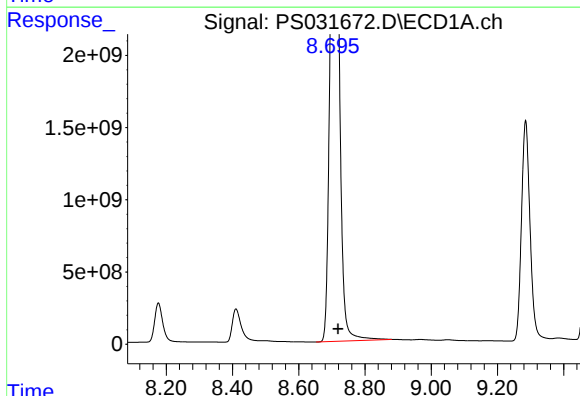
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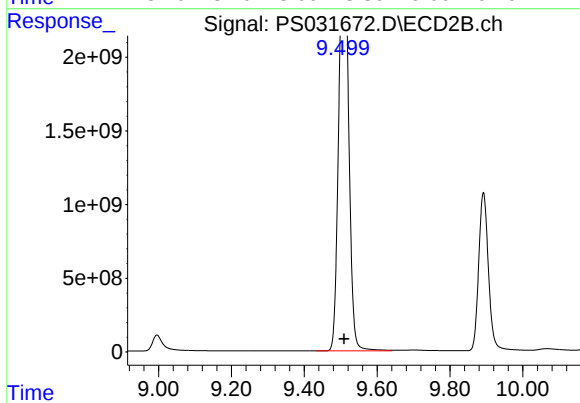
#9 2,4-D

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 2192299829
Conc: 1332.62 ng/ml



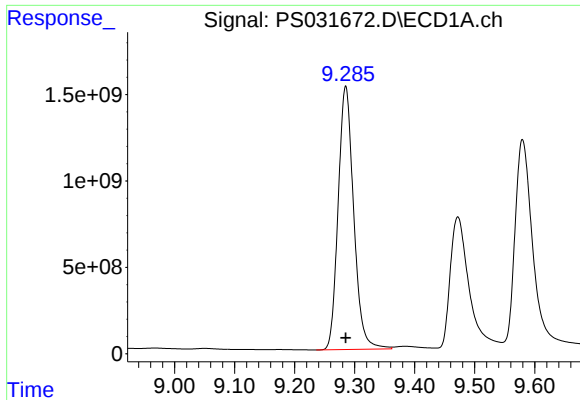
#10 Pentachlorophenol

R.T.: 8.719 min
Delta R.T.: 0.000 min
Response: 54922297046
Conc: 1034.44 ng/ml



#10 Pentachlorophenol

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 47983753497
Conc: 1208.95 ng/ml



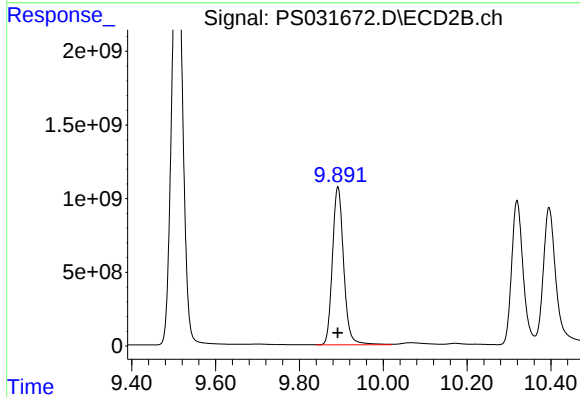
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 27381508954
Conc: 1305.52 ng/m

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

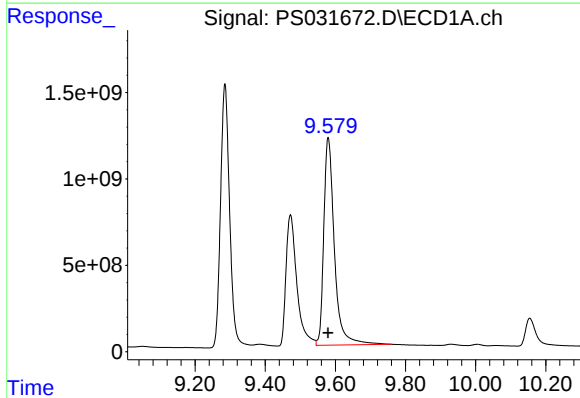
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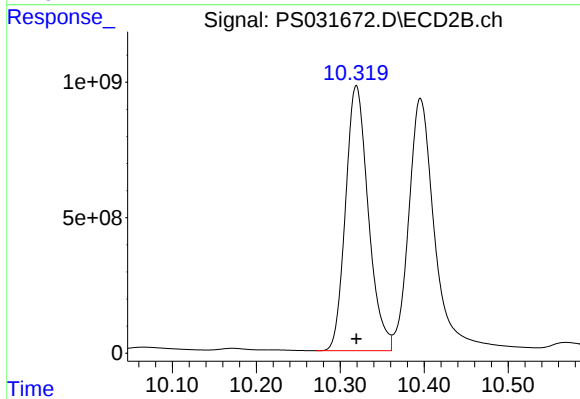
#11 2,4,5-TP (SILVEX)

R.T.: 9.892 min
Delta R.T.: 0.000 min
Response: 19952811945
Conc: 1325.39 ng/ml



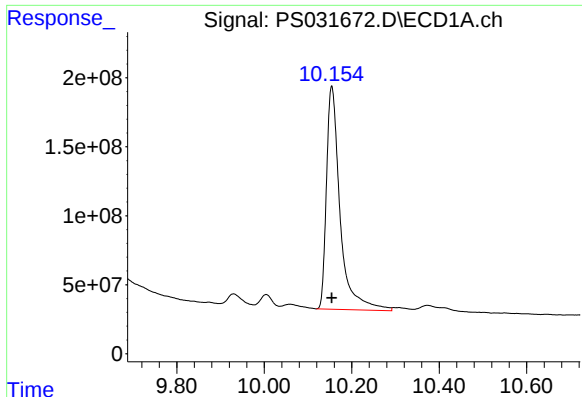
#12 2,4,5-T

R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 25294388827
Conc: 1382.34 ng/ml



#12 2,4,5-T

R.T.: 10.319 min
Delta R.T.: 0.000 min
Response: 18410528673
Conc: 1368.10 ng/ml



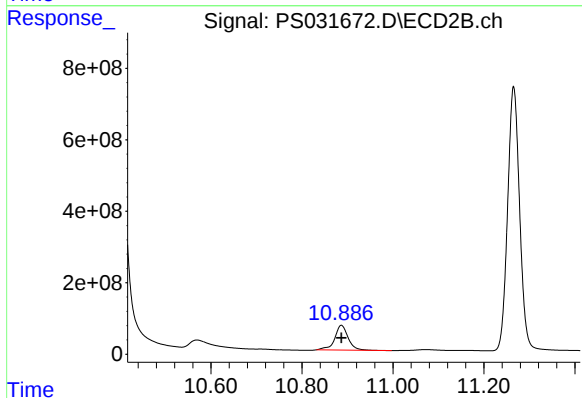
#13 2,4-DB

R.T.: 10.154 min
Delta R.T.: 0.000 min
Response: 3499149613
Conc: 1500.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

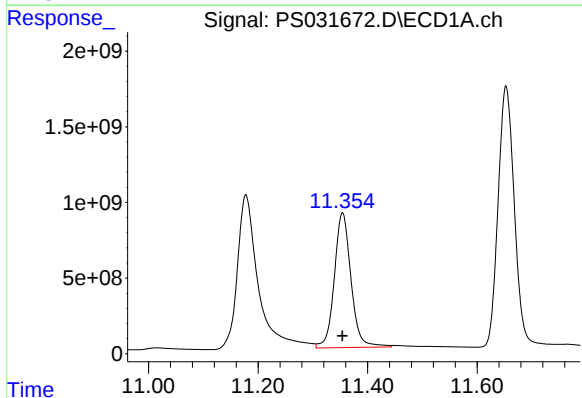
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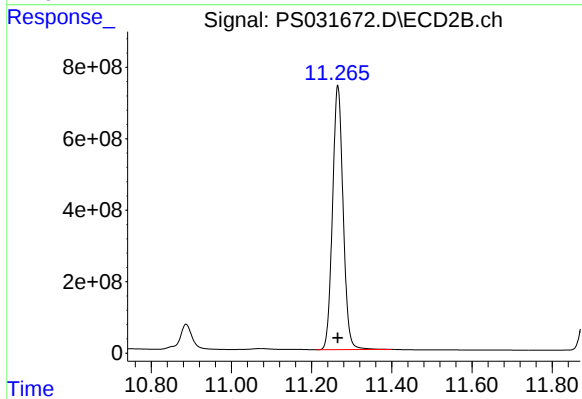
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 1420808078
Conc: 1327.80 ng/ml



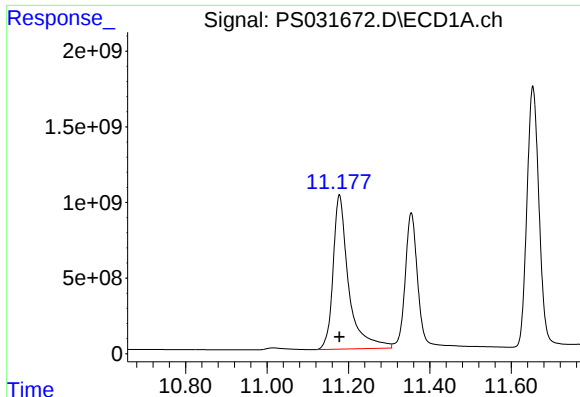
#14 DINOSEB

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 18839345215
Conc: 1306.23 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 13568975757
Conc: 1395.89 ng/ml



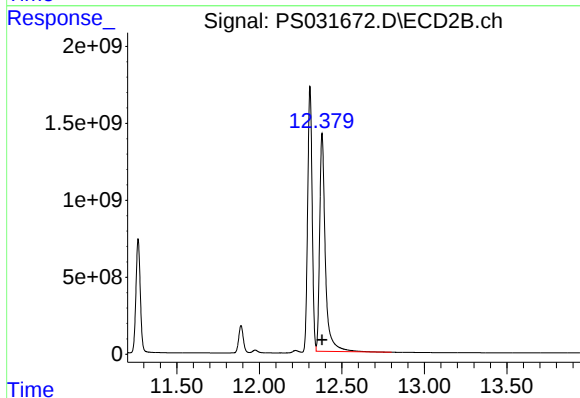
#15 Picloram

R.T.: 11.178 min
Delta R.T.: 0.000 min
Response: 27051351802
Conc: 1501.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

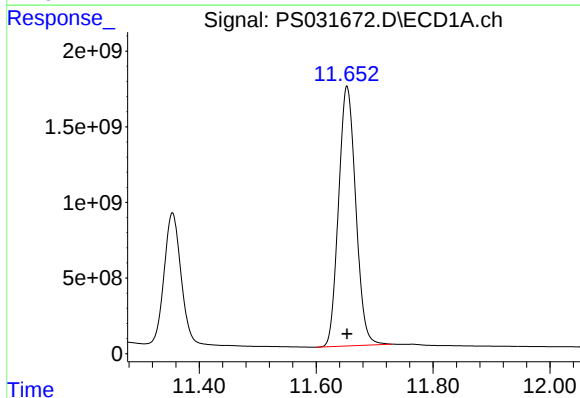
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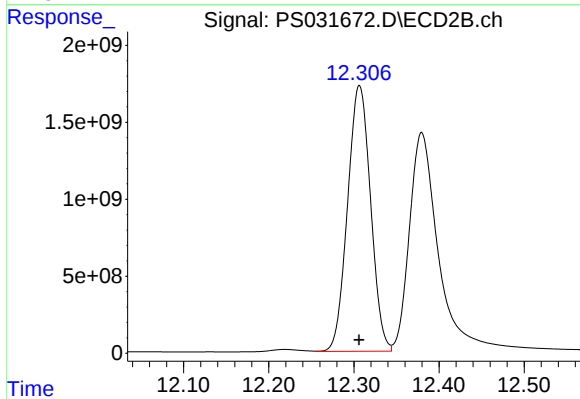
#15 Picloram

R.T.: 12.380 min
Delta R.T.: 0.000 min
Response: 33998569205
Conc: 1435.55 ng/ml



#16 DCPA

R.T.: 11.653 min
Delta R.T.: 0.000 min
Response: 34988471500
Conc: 1298.28 ng/ml



#16 DCPA

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 32459608144
Conc: 1346.26 ng/ml m