

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 12:31
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:12:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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 x 0.5 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	7.369	7.774	3627.1E6	997.0E6	1015.527m	992.922
Target Compounds							
1) T	Dalapon	2.714	2.710	4894.2E6	2376.7E6	907.402	907.165
2) T	3,5-DICHL...	6.524	6.717	4751.8E6	1375.9E6	921.843	925.042
3) T	4-Nitroph...	7.168	7.304	1608.1E6	1388.5E6	909.639	914.550
5) T	DICAMBA	7.561	7.978	13974.6E6	5887.4E6	936.047	940.930
6) T	MCP	7.746	8.079	973.4E6	220.1E6	95.838	94.941
7) T	MCPA	7.897	8.330	1187.7E6	285.5E6	94.055	94.777
8) T	DICHLORPROP	8.279	8.699	3224.6E6	1312.0E6	933.254	934.189
9) T	2,4-D	8.511	9.035	3284.7E6	1399.3E6	935.022	935.019
10) T	Pentachlo...	8.825	9.561	45135.4E6	33490.4E6	899.805	942.480
11) T	2,4,5-TP ...	9.404	9.942	18922.9E6	12543.2E6	942.112	945.210
12) T	2,4,5-T	9.698	10.369	17257.5E6	11981.3E6	947.492	945.773
13) T	2,4-DB	10.278	10.936	2902.4E6	1043.2E6	960.620	946.745
14) T	DINOSEB	11.502	11.322	13073.3E6	9197.3E6	936.548	941.110
15) T	Picloram	11.306	12.430	19105.8E6	21004.4E6	956.510	954.663
16) T	DCPA	11.796	12.366	24258.1E6	19020.4E6	948.257	954.284

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

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Acq On : 04 Jun 2025 12:31
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

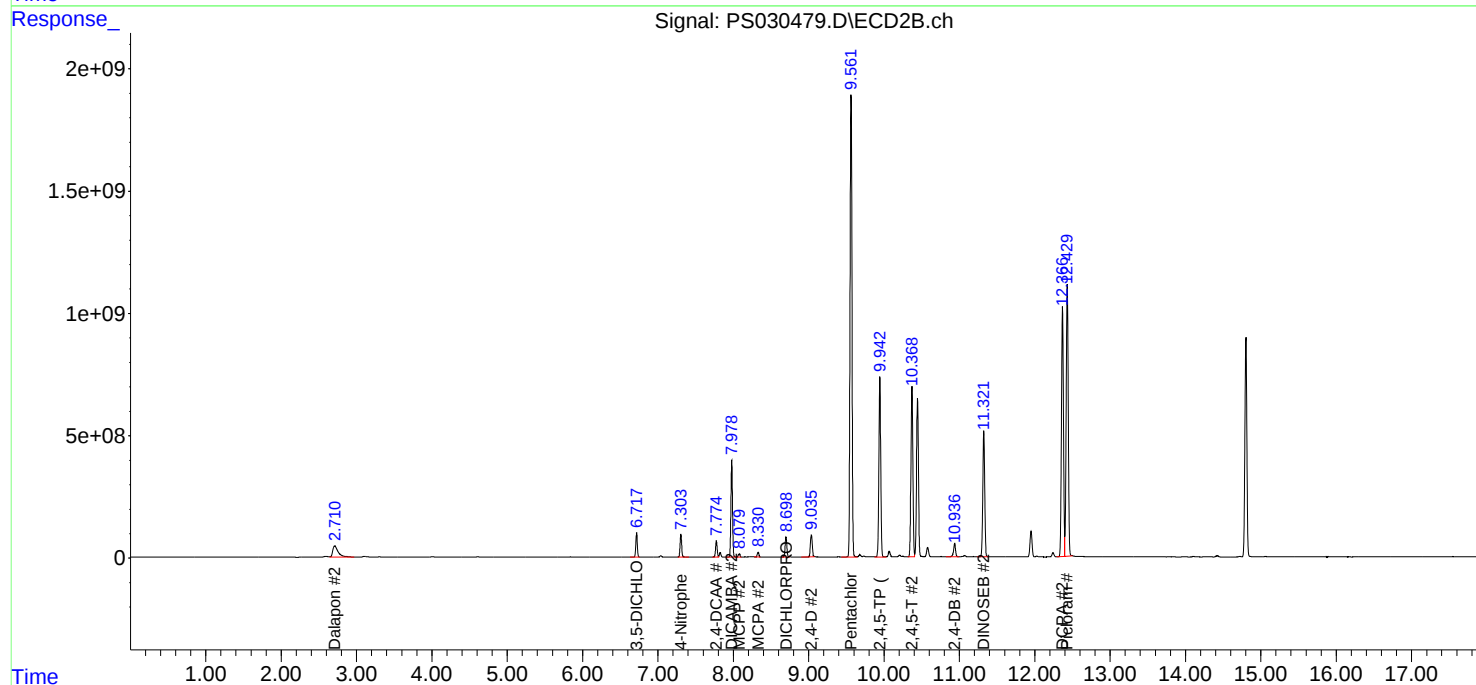
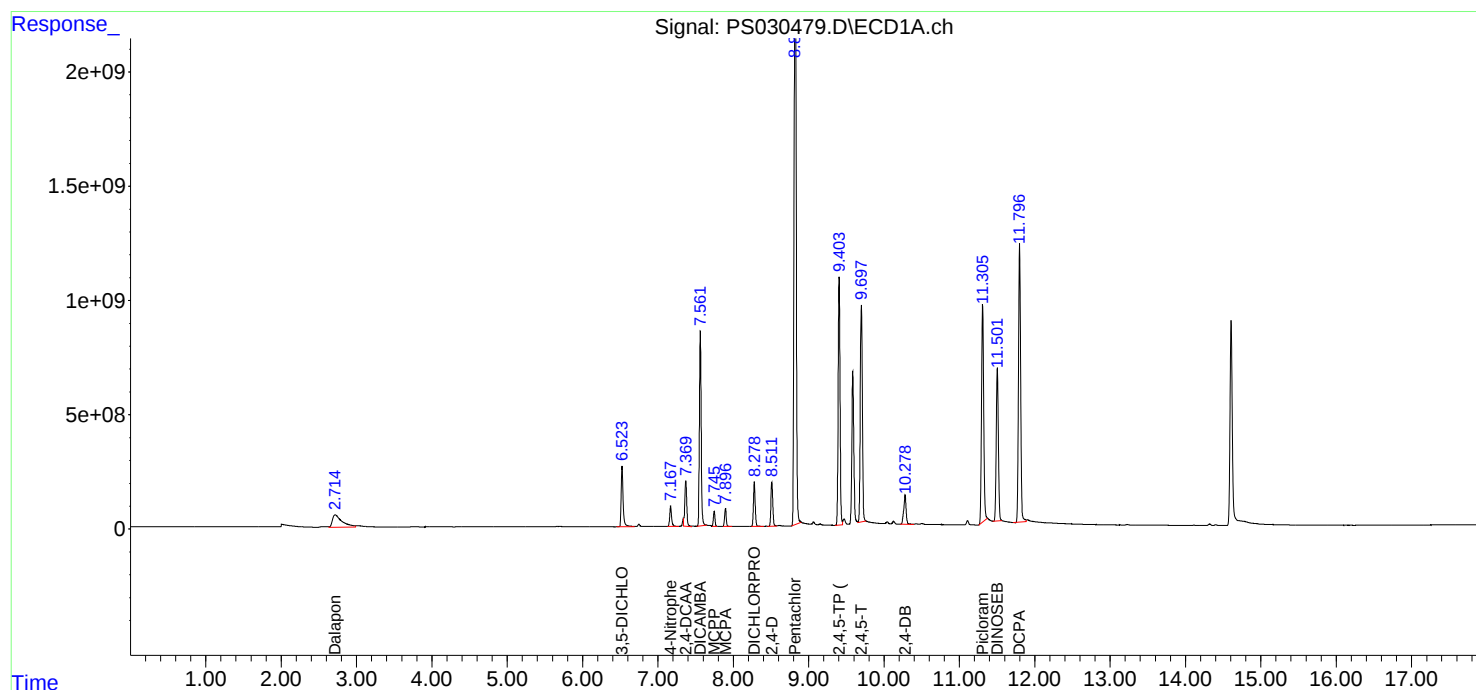
Instrument :
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ClientSampleId :
HSTDICC1000

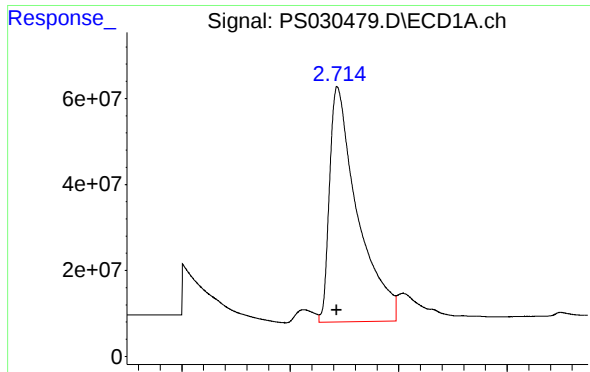
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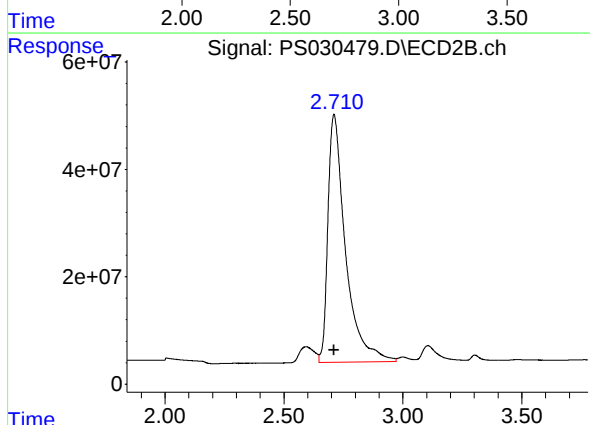
#1 Dalapon

R.T.: 2.714 min
Delta R.T.: 0.000 min
Response: 4894191537
Conc: 907.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

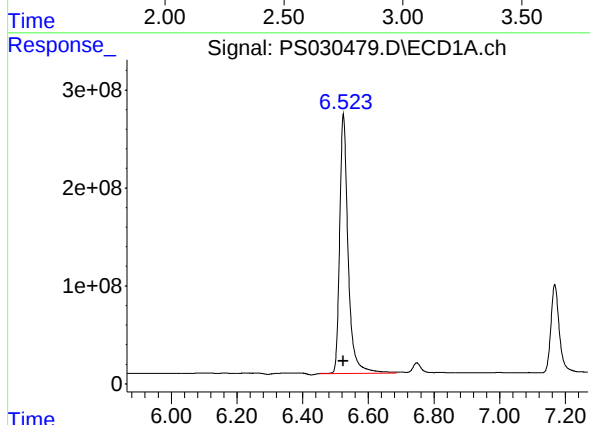
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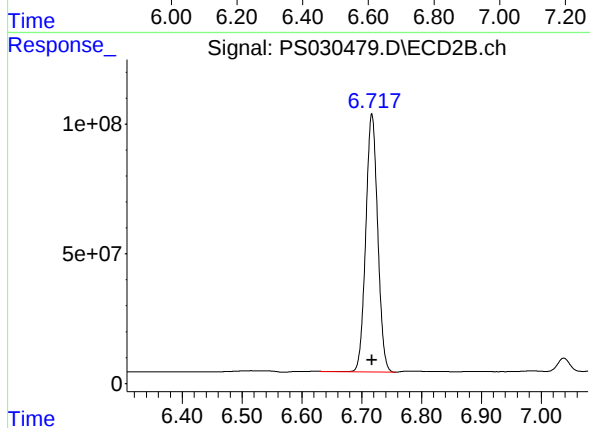
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.000 min
Response: 2376727482
Conc: 907.16 ng/ml



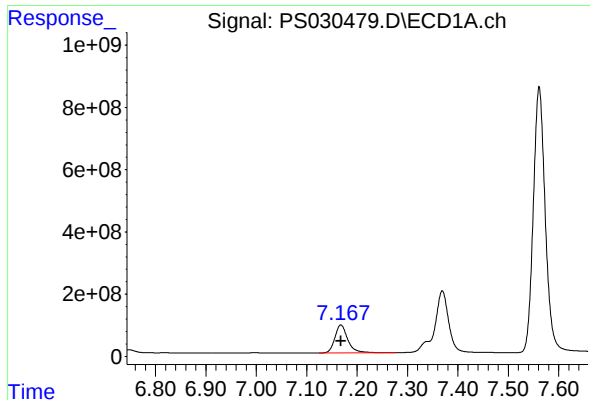
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 4751780623
Conc: 921.84 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 1375885564
Conc: 925.04 ng/ml



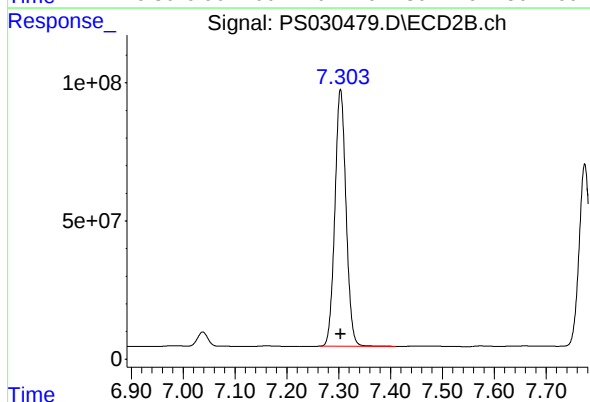
#3 4-Nitrophenol

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 1608081150
Conc: 909.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

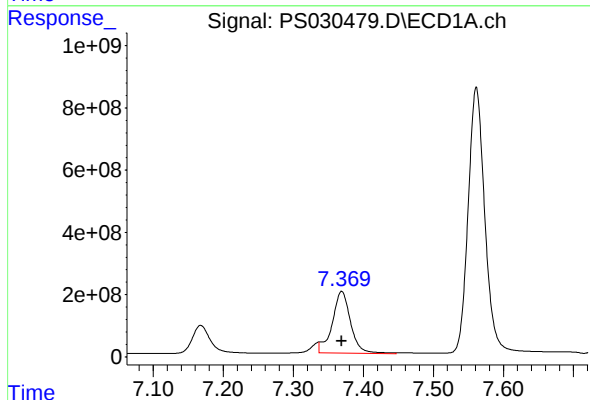
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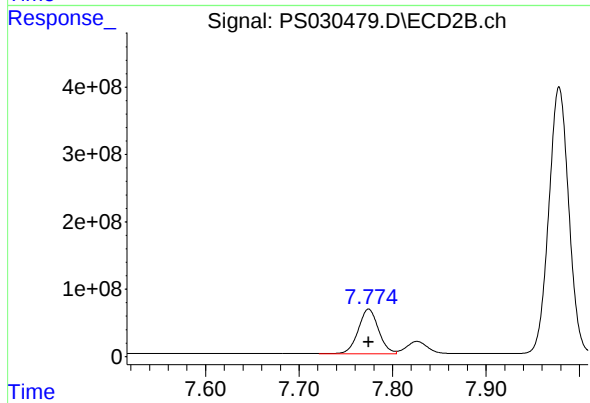
#3 4-Nitrophenol

R.T.: 7.304 min
Delta R.T.: 0.000 min
Response: 1388464086
Conc: 914.55 ng/ml



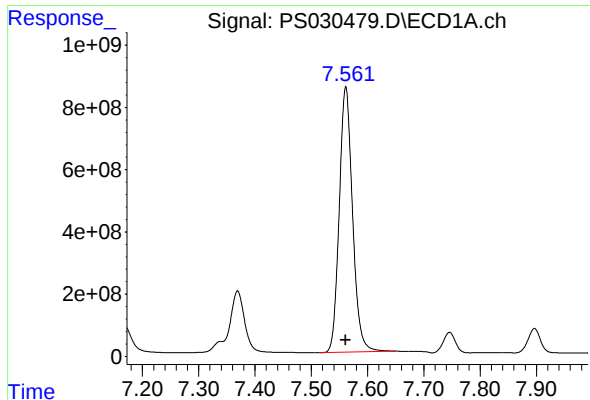
#4 2,4-DCAA

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 3627065582
Conc: 1015.53 ng/ml m



#4 2,4-DCAA

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 997042457
Conc: 992.92 ng/ml



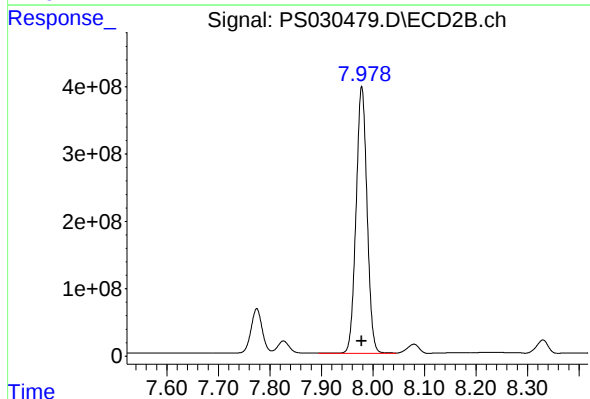
#5 DICAMBA

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 13974550699
Conc: 936.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

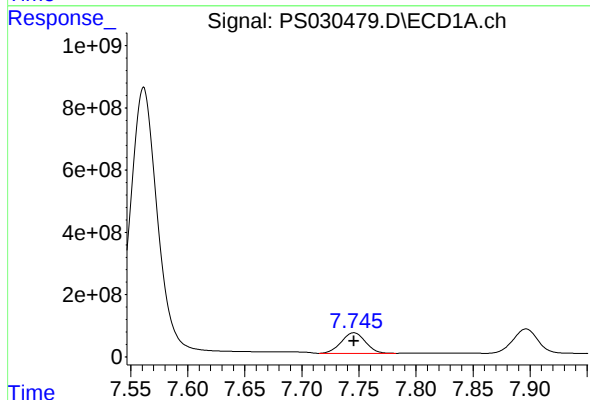
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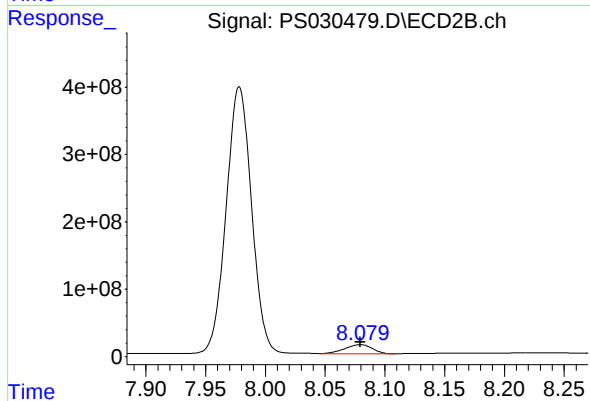
#5 DICAMBA

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 5887369046
Conc: 940.93 ng/ml



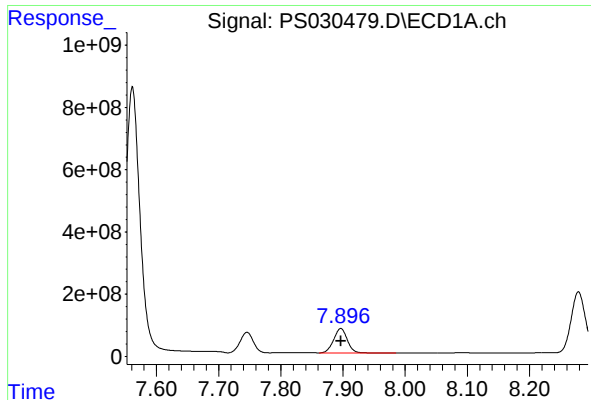
#6 MCPP

R.T.: 7.746 min
Delta R.T.: 0.000 min
Response: 973447009
Conc: 95.84 ug/ml



#6 MCPP

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 220146729
Conc: 94.94 ug/ml



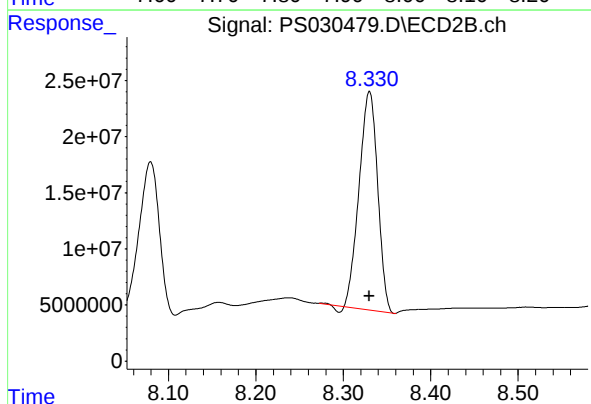
#7 MCPA

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 1187731889
Conc: 94.06 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

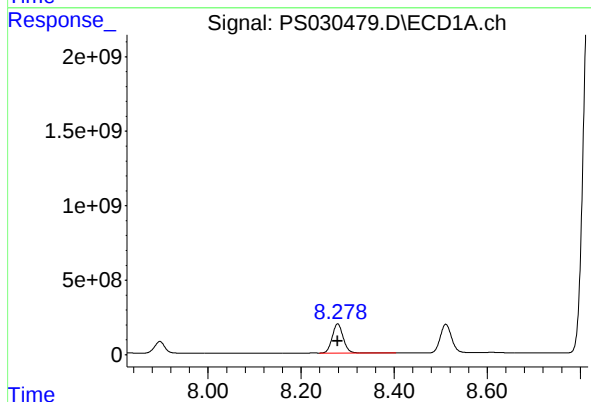
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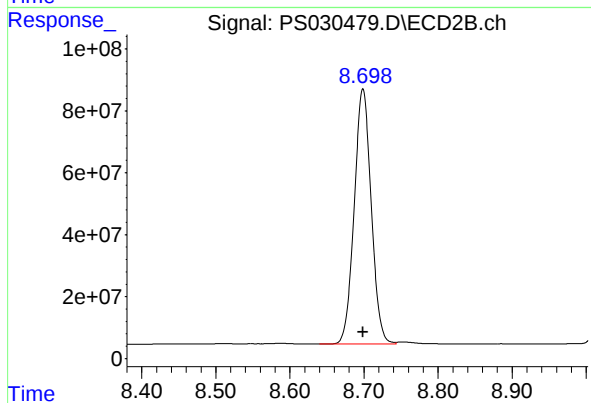
#7 MCPA

R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 285546080
Conc: 94.78 ug/ml



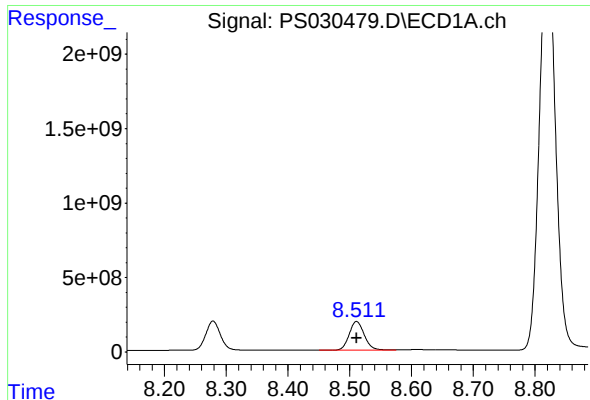
#8 DICHLORPROP

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 3224621037
Conc: 933.25 ng/ml



#8 DICHLORPROP

R.T.: 8.699 min
Delta R.T.: 0.000 min
Response: 1312037857
Conc: 934.19 ng/ml



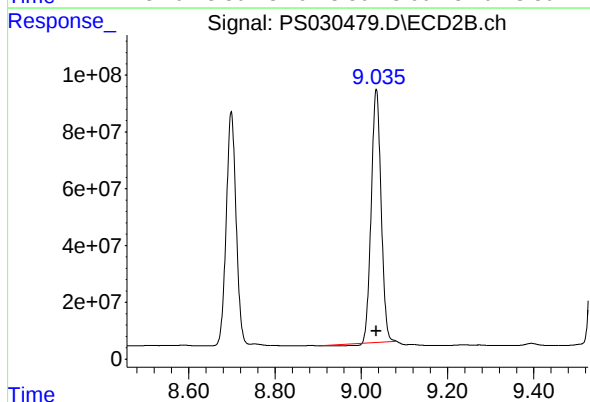
#9 2,4-D

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 3284741071
Conc: 935.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

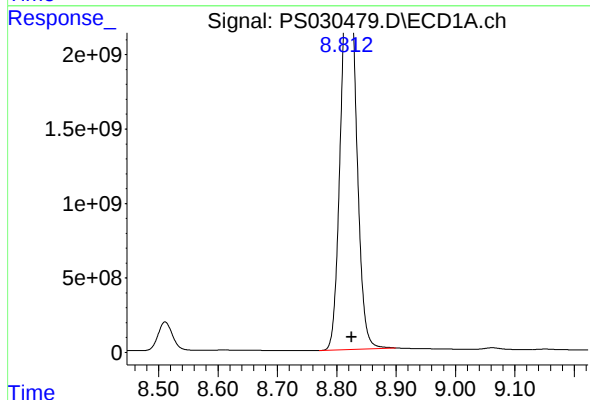
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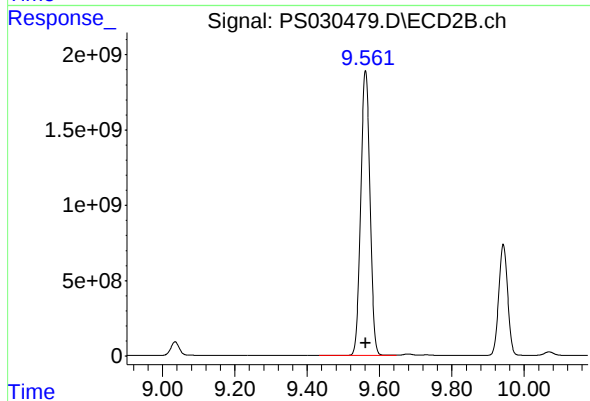
#9 2,4-D

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 1399258054
Conc: 935.02 ng/ml



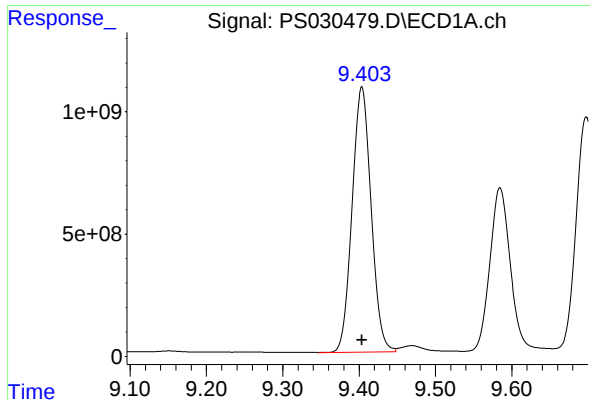
#10 Pentachlorophenol

R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 45135413541
Conc: 899.80 ng/ml



#10 Pentachlorophenol

R.T.: 9.561 min
Delta R.T.: 0.000 min
Response: 33490448788
Conc: 942.48 ng/ml



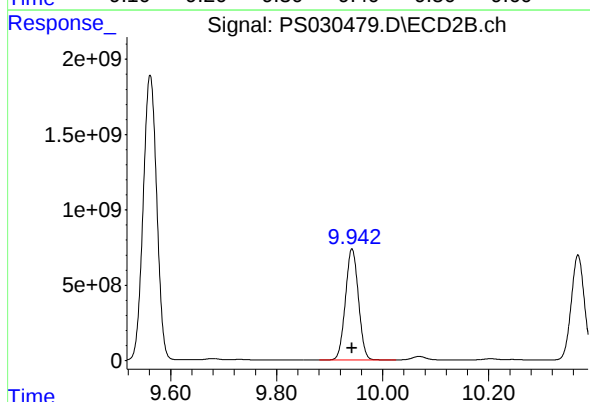
#11 2,4,5-TP (SILVEX)

R.T.: 9.404 min
Delta R.T.: 0.000 min
Response: 18922946638
Conc: 942.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

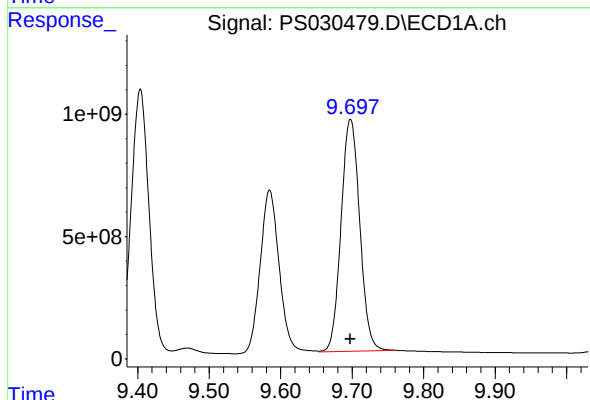
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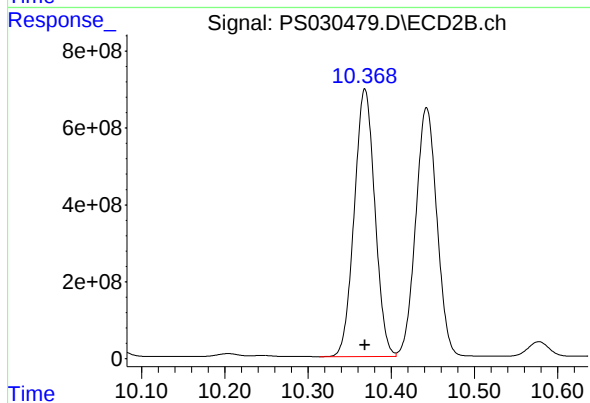
#11 2,4,5-TP (SILVEX)

R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 12543207195
Conc: 945.21 ng/ml



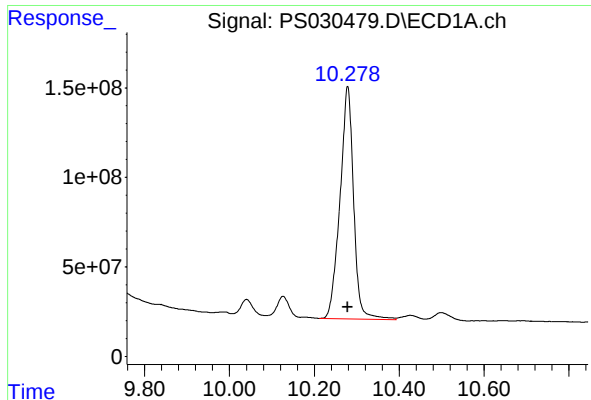
#12 2,4,5-T

R.T.: 9.698 min
Delta R.T.: 0.000 min
Response: 17257522095
Conc: 947.49 ng/ml



#12 2,4,5-T

R.T.: 10.369 min
Delta R.T.: 0.000 min
Response: 11981320543
Conc: 945.77 ng/ml



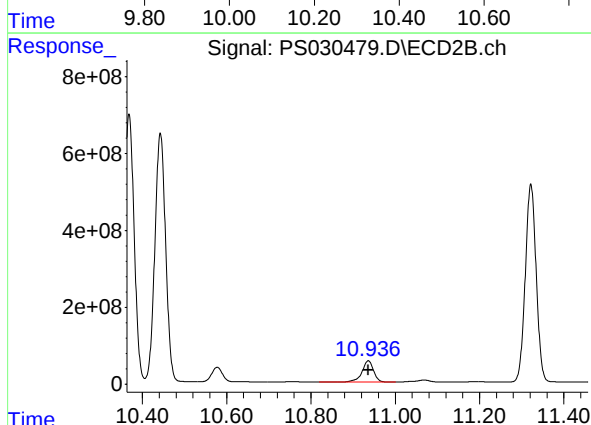
#13 2,4-DB

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 2902395028
Conc: 960.62 ng/ml

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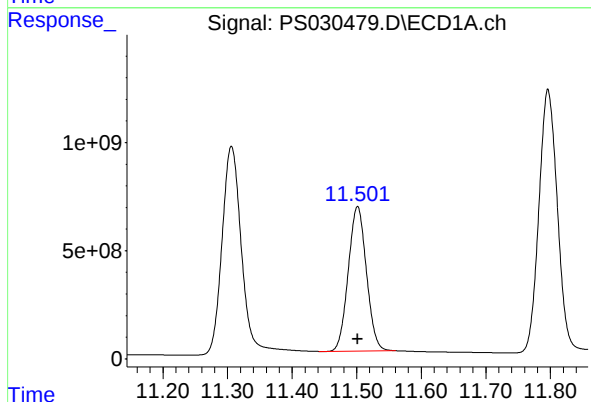
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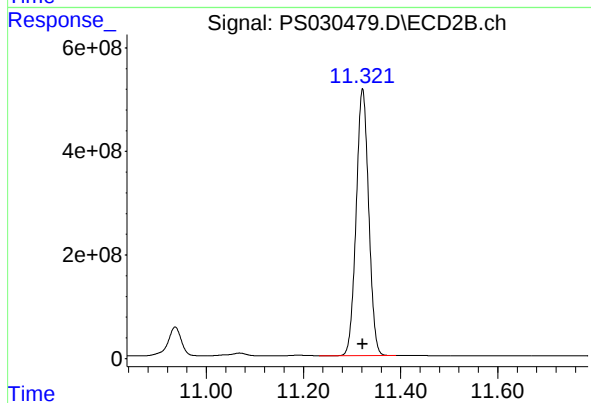
#13 2,4-DB

R.T.: 10.936 min
Delta R.T.: 0.000 min
Response: 1043246406
Conc: 946.75 ng/ml



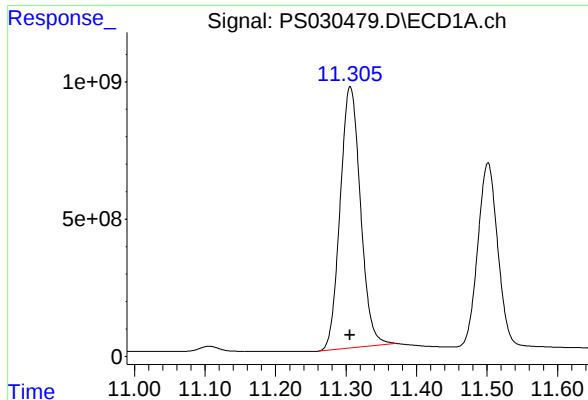
#14 DINOSEB

R.T.: 11.502 min
Delta R.T.: 0.000 min
Response: 13073300358
Conc: 936.55 ng/ml



#14 DINOSEB

R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 9197295147
Conc: 941.11 ng/ml



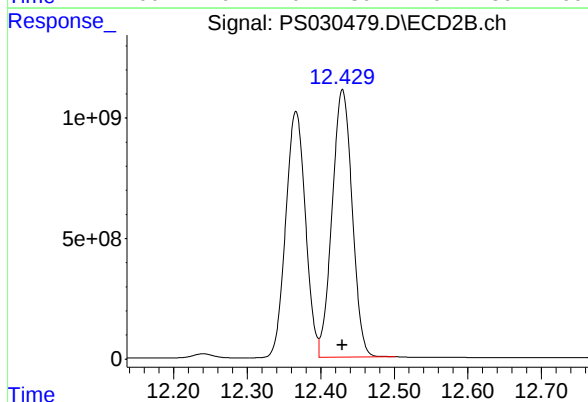
#15 Picloram

R.T.: 11.306 min
Delta R.T.: 0.000 min
Response: 19105824198
Conc: 956.51 ng/ml

Instrument :
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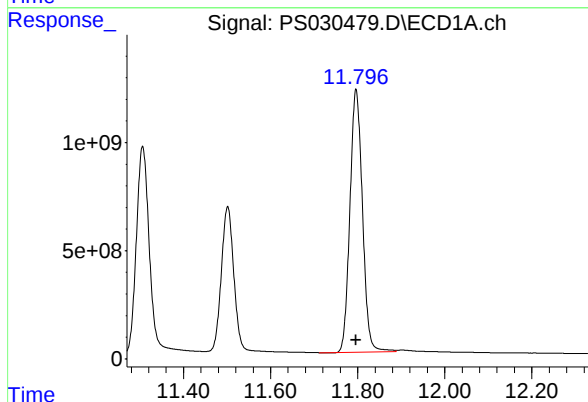
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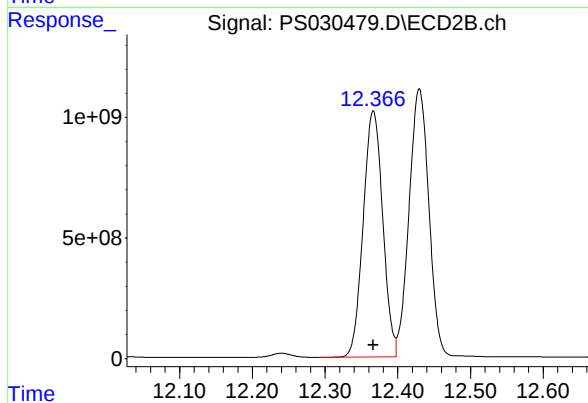
#15 Picloram

R.T.: 12.430 min
Delta R.T.: 0.000 min
Response: 21004362006
Conc: 954.66 ng/ml



#16 DCPA

R.T.: 11.796 min
Delta R.T.: 0.000 min
Response: 24258137091
Conc: 948.26 ng/ml



#16 DCPA

R.T.: 12.366 min
Delta R.T.: 0.000 min
Response: 19020400196
Conc: 954.28 ng/ml