

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\pd040222\  
 Data File : PD068879.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2022 15:44  
 Operator : AR\AJ  
 Sample : N1645-03  
 Misc : TOX MDL 50PPB  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT1-2022

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/01/2022  
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 15:57:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX031222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 23 15:35:54 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

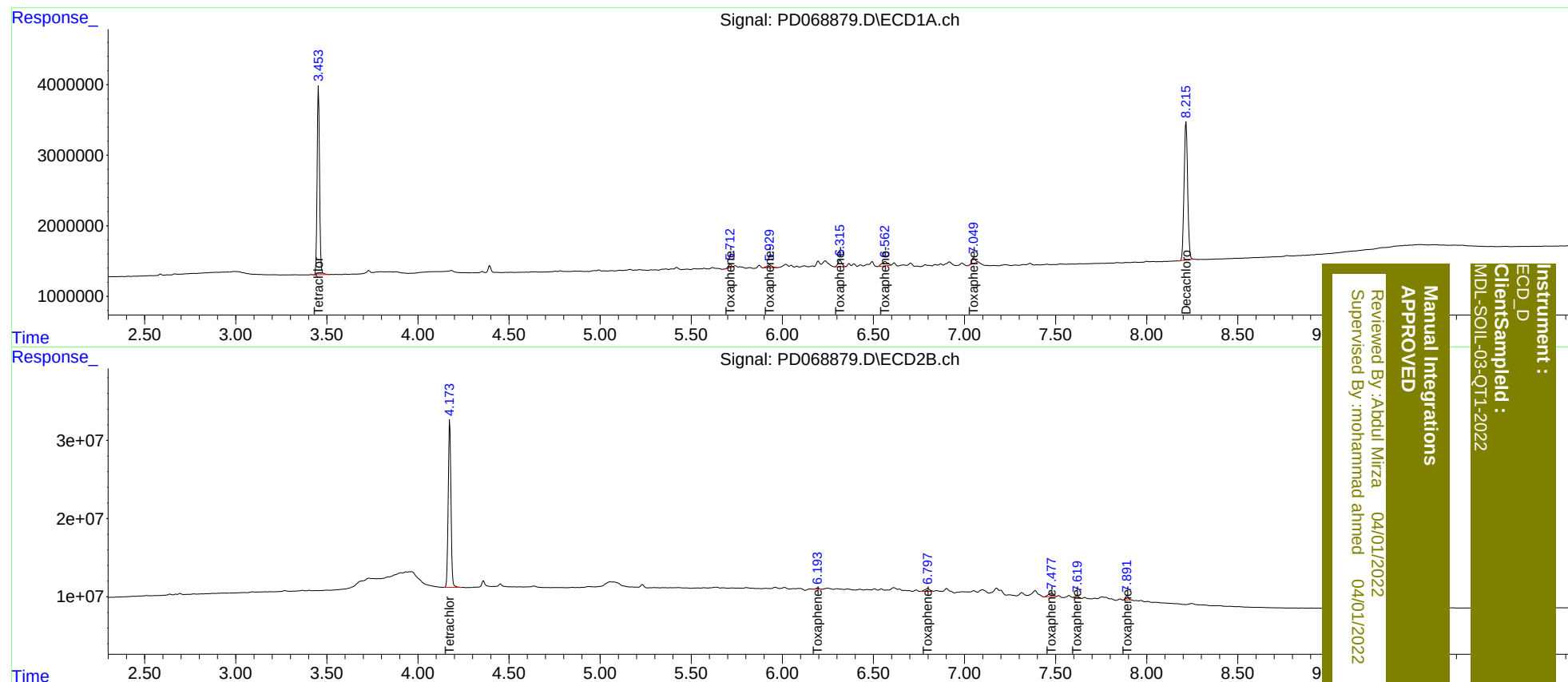
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml    |
|-----------------------------|-------|-------|----------|---------|--------|----------|
| -----                       |       |       |          |         |        |          |
| System Monitoring Compounds |       |       |          |         |        |          |
| 1) SA Tetrachlo...          | 3.454 | 4.175 | 24667130 | 223.2E6 | 20.055 | 22.510   |
| 7) SA Decachlor...          | 8.216 | 9.375 | 26741231 | 139.8E6 | 20.562 | 22.770   |
| Target Compounds            |       |       |          |         |        |          |
| 2) Toxaphene-1              | 5.714 | 6.193 | 550296   | 1954737 | 62.015 | 67.644m  |
| 3) Toxaphene-2              | 5.931 | 6.798 | 796473   | 6838949 | 52.867 | 60.128   |
| 4) Toxaphene-3              | 6.317 | 7.478 | 1352817  | 9106284 | 53.868 | 61.759   |
| 5) Toxaphene-4              | 6.564 | 7.618 | 1360438  | 3479316 | 55.428 | 59.885   |
| 6) Toxaphene-5              | 7.050 | 7.891 | 1109982  | 5993792 | 41.682 | 61.285m# |
| -----                       |       |       |          |         |        |          |

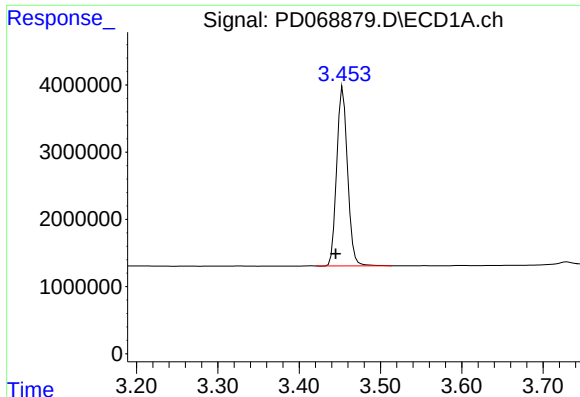
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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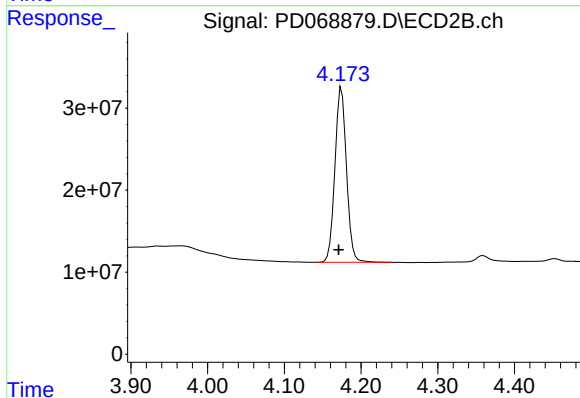
#1 Tetrachloro-m-xylene

R.T.: 3.454 min  
Delta R.T.: 0.009 min  
Response: 24667130  
Conc: 20.06 ng/ml

Instrument :  
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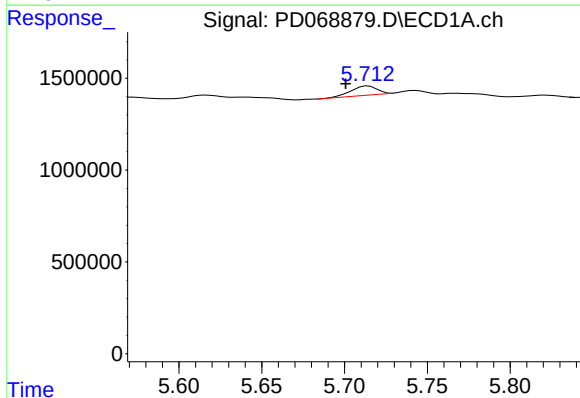
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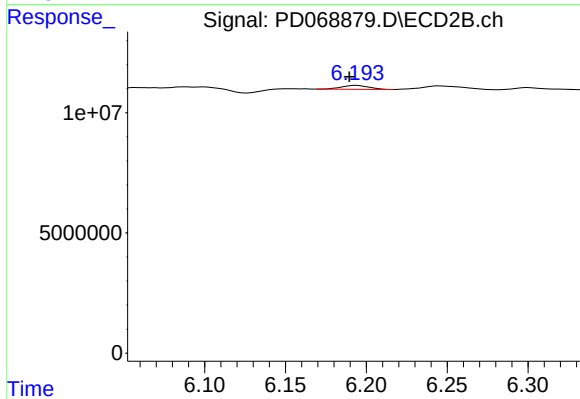
#1 Tetrachloro-m-xylene

R.T.: 4.175 min  
Delta R.T.: 0.004 min  
Response: 223218686  
Conc: 22.51 ng/ml



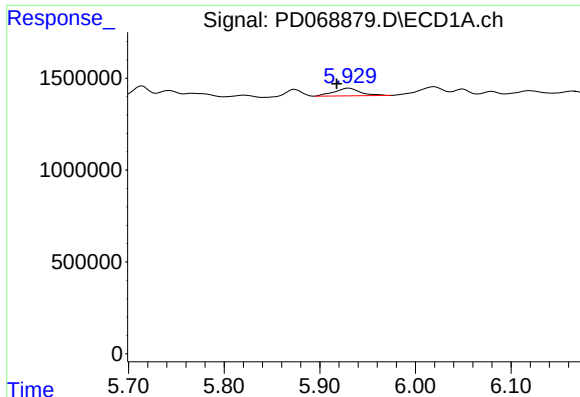
#2 Toxaphene-1

R.T.: 5.714 min  
Delta R.T.: 0.013 min  
Response: 550296  
Conc: 62.02 ng/ml



#2 Toxaphene-1

R.T.: 6.193 min  
Delta R.T.: 0.004 min  
Response: 1954737  
Conc: 67.64 ng/ml m



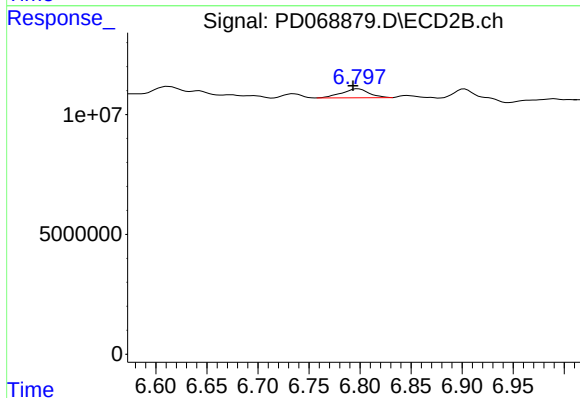
#3 Toxaphene-2

R.T.: 5.931 min  
Delta R.T.: 0.013 min  
Response: 796473  
Conc: 52.87 ng/ml

Instrument :  
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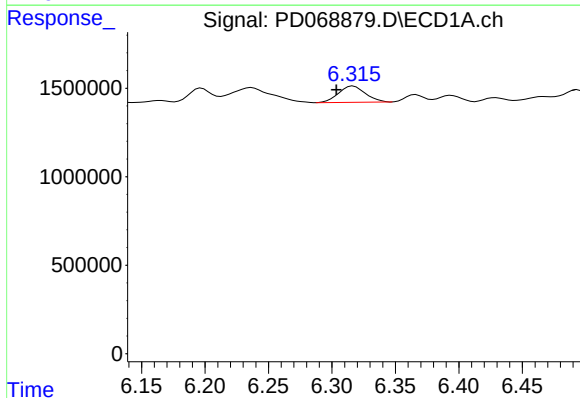
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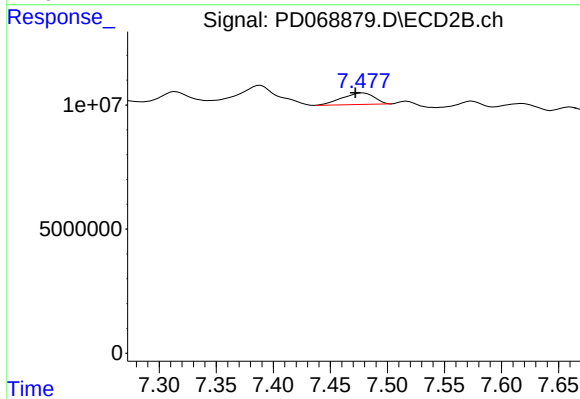
#3 Toxaphene-2

R.T.: 6.798 min  
Delta R.T.: 0.005 min  
Response: 6838949  
Conc: 60.13 ng/ml



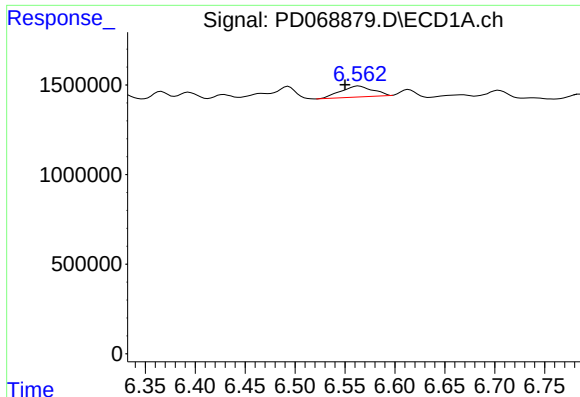
#4 Toxaphene-3

R.T.: 6.317 min  
Delta R.T.: 0.013 min  
Response: 1352817  
Conc: 53.87 ng/ml



#4 Toxaphene-3

R.T.: 7.478 min  
Delta R.T.: 0.006 min  
Response: 9106284  
Conc: 61.76 ng/ml



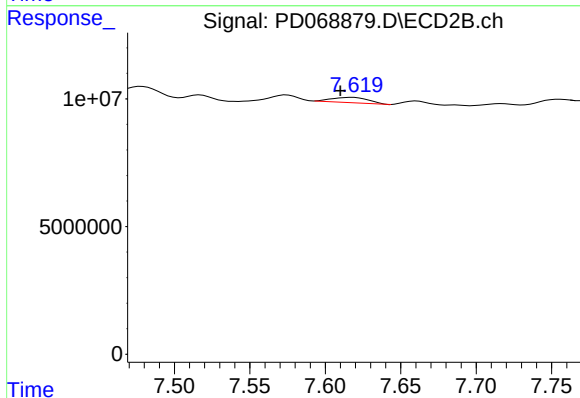
#5 Toxaphene-4

R.T.: 6.564 min  
Delta R.T.: 0.014 min  
Response: 1360438  
Conc: 55.43 ng/ml

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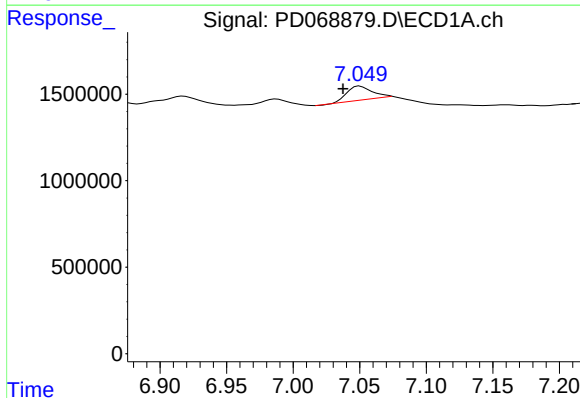
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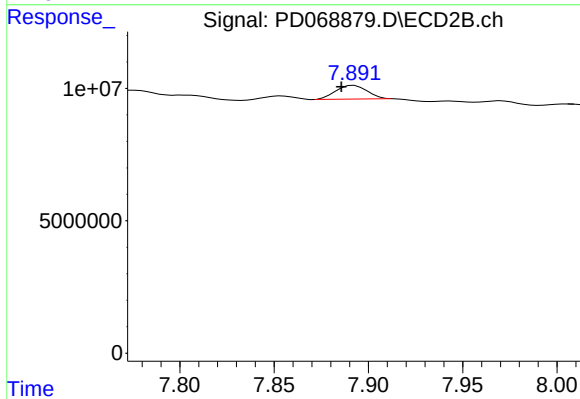
#5 Toxaphene-4

R.T.: 7.618 min  
Delta R.T.: 0.008 min  
Response: 3479316  
Conc: 59.88 ng/ml



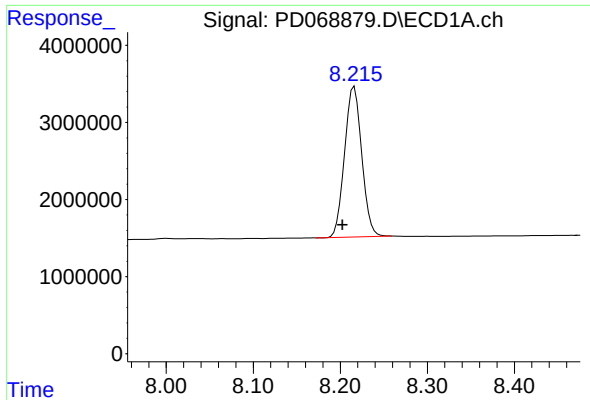
#6 Toxaphene-5

R.T.: 7.050 min  
Delta R.T.: 0.013 min  
Response: 1109982  
Conc: 41.68 ng/ml



#6 Toxaphene-5

R.T.: 7.891 min  
Delta R.T.: 0.005 min  
Response: 5993792  
Conc: 61.28 ng/ml m



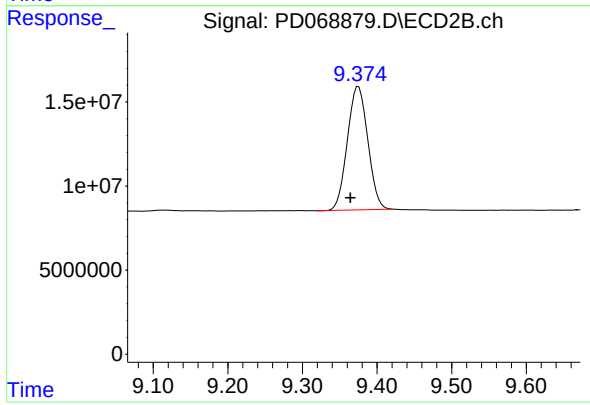
#7 Decachlorobiphenyl

R.T.: 8.216 min  
Delta R.T.: 0.013 min  
Response: 26741231  
Conc: 20.56 ng/ml

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#7 Decachlorobiphenyl

R.T.: 9.375 min  
Delta R.T.: 0.011 min  
Response: 139846186  
Conc: 22.77 ng/ml