Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012524\
Data File : PQ065074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2024 18:18
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 21:55:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jan 18 00:09:27 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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 | | | | | | |
| 1) | SA Tetrachlo... | 3.473 | 2.743 | 184.2E6 | 364.7E6 | 49.457 | 54.620 |
| 2) | SA Decachlor... | 8.780 | 7.522 | 143.8E6 | 329.7E6 | 46.526 | 45.366 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 5.434 | 4.500 | 66268236 | 211.8E6 | 473.569 | 507.033 |
| 27) | L6 AR-1254-2 | 5.656 | 4.647 | 100.1E6 | 184.7E6 | 462.306 | 501.760 |
| 28) | L6 AR-1254-3 | 6.016 | 5.029 | 98074286 | 293.1E6 | 432.262 | 500.778 |
| 29) | L6 AR-1254-4 | 6.306 | 5.255 | 74591815 | 189.9E6 | 442.603 | 490.645 |
| 30) | L6 AR-1254-5 | 6.730 | 5.661 | 104.0E6 | 268.7E6 | 538.983 | 491.158 |

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

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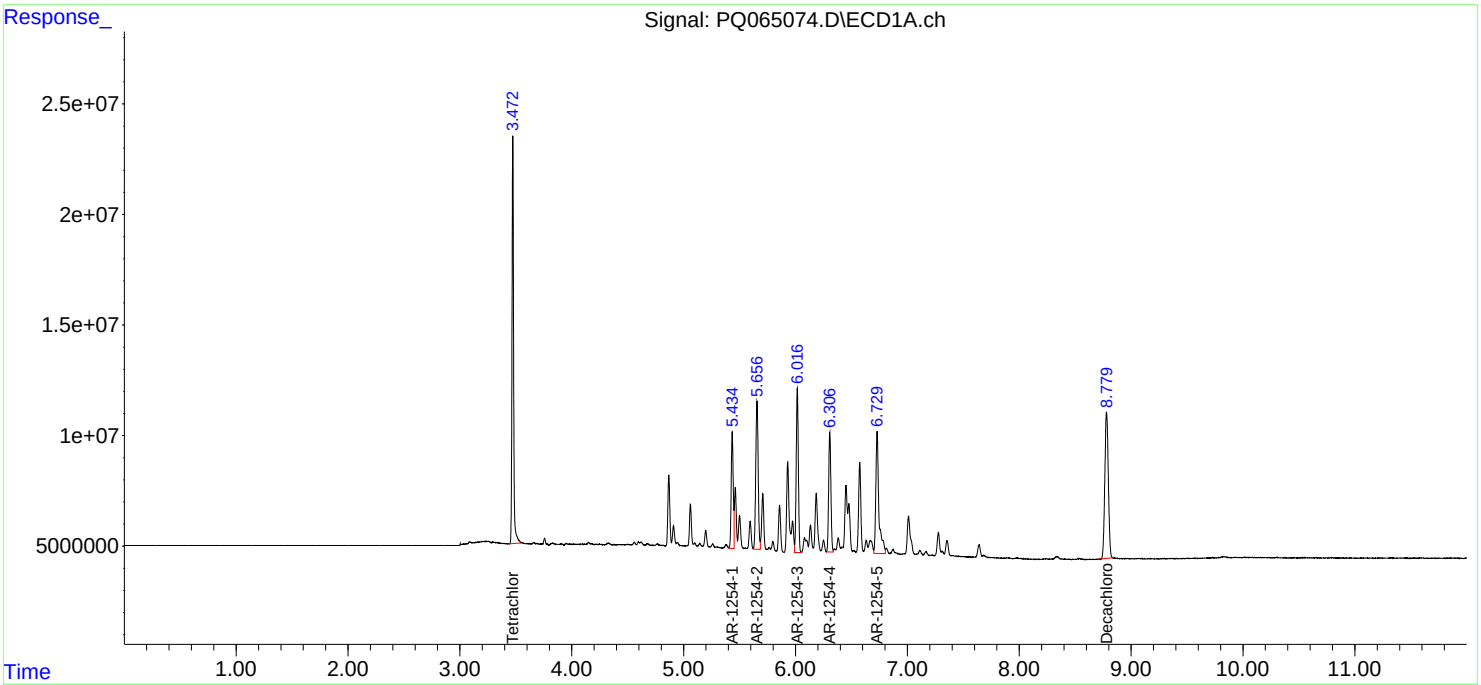
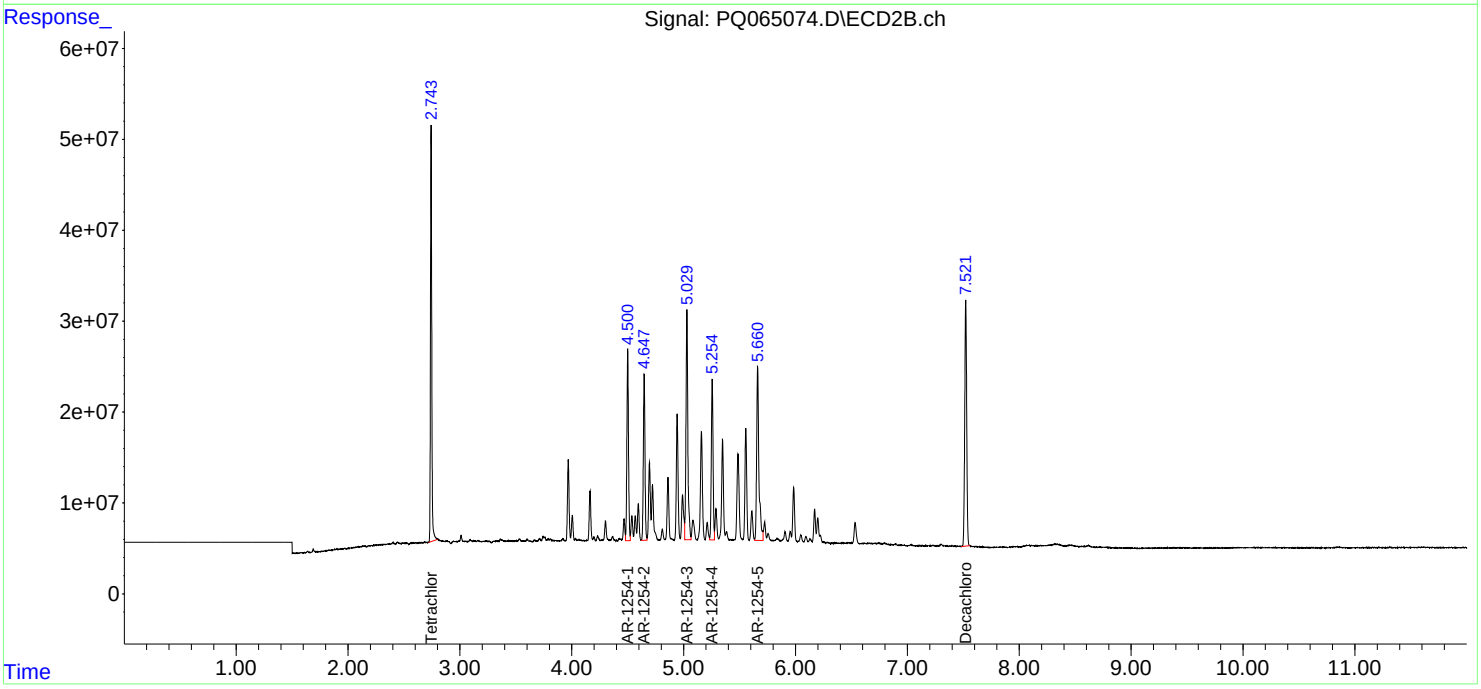
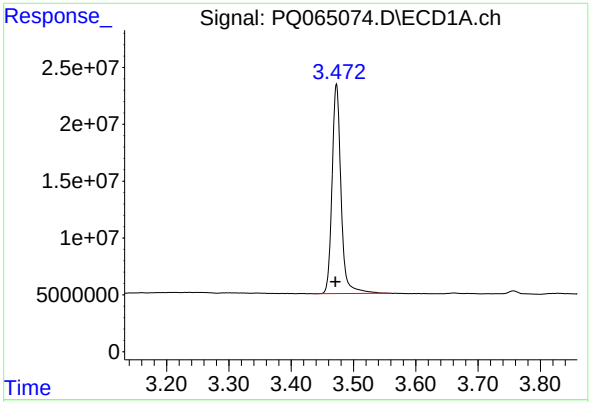


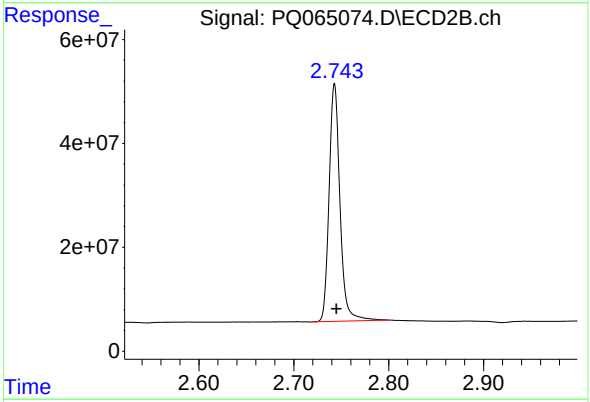






#1 Tetrachloro-m-xylene

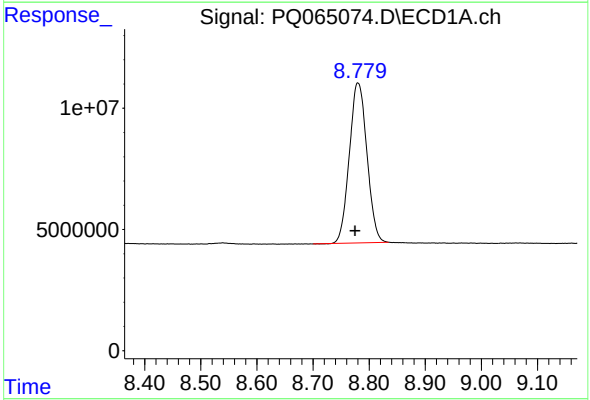
R.T.: 3.473 min
Delta R.T.: 0.002 min
Response: 184242463
Conc: 49.46 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254CCC500



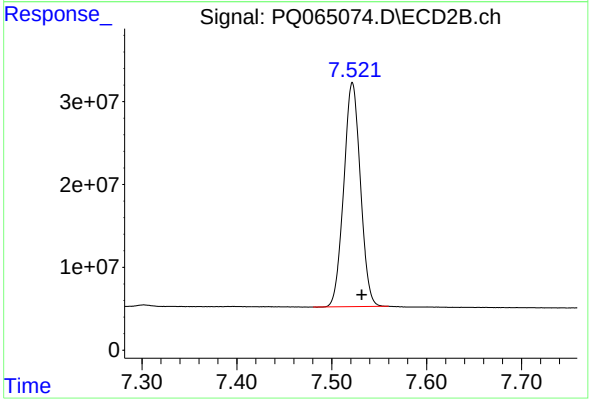

#1 Tetrachloro-m-xylene

R.T.: 2.743 min
Delta R.T.: -0.002 min
Response: 364729685
Conc: 54.62 ng/ml



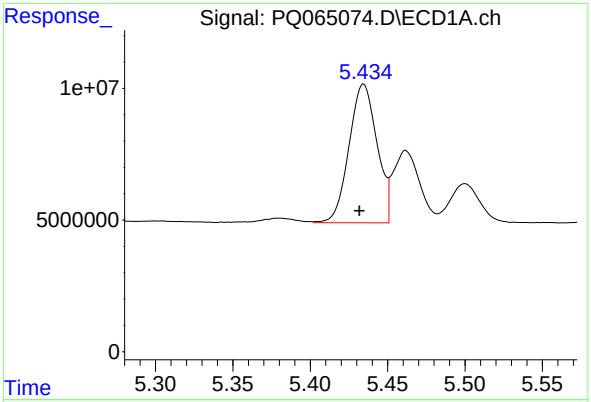

#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.005 min
Response: 143786172
Conc: 46.53 ng/ml




#2 Decachlorobiphenyl

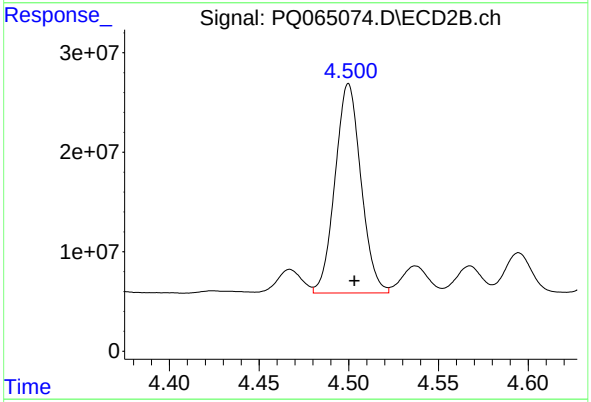
R.T.: 7.522 min
Delta R.T.: -0.010 min
Response: 329698442
Conc: 45.37 ng/ml




#26 AR-1254-1

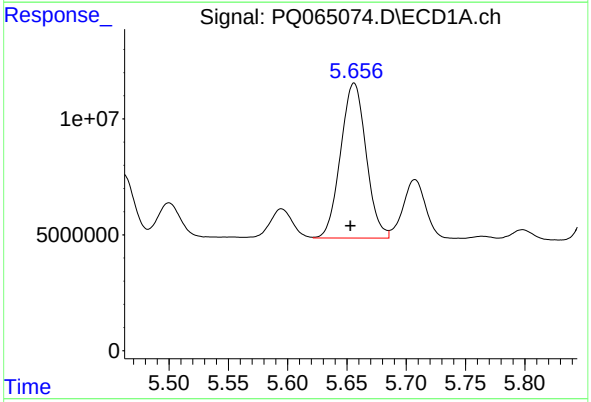
R.T.: 5.434 min
Delta R.T.: 0.003 min
Response: 66268236
Conc: 473.57 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254CCC500



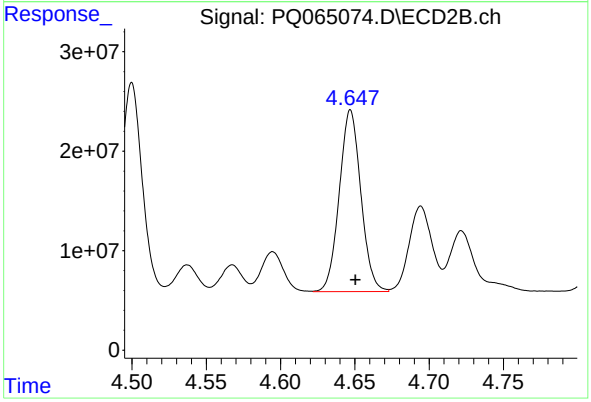

#26 AR-1254-1

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 211809313
Conc: 507.03 ng/ml



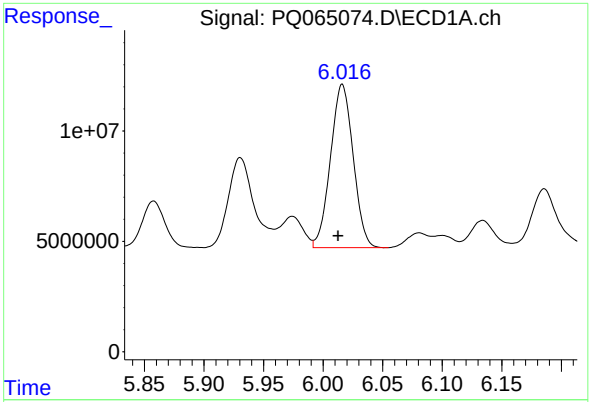

#27 AR-1254-2

R.T.: 5.656 min
Delta R.T.: 0.003 min
Response: 100098445
Conc: 462.31 ng/ml




#27 AR-1254-2

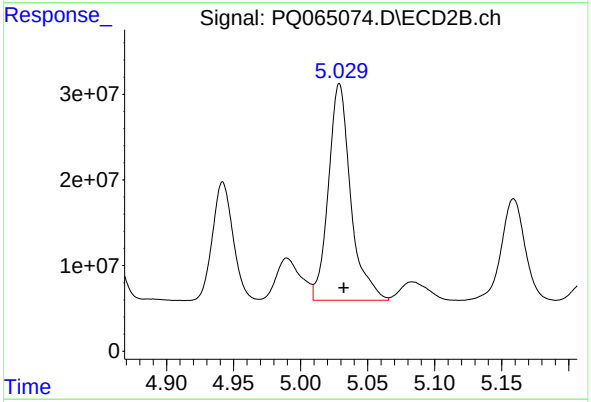
R.T.: 4.647 min
Delta R.T.: -0.003 min
Response: 184732111
Conc: 501.76 ng/ml




#28 AR-1254-3

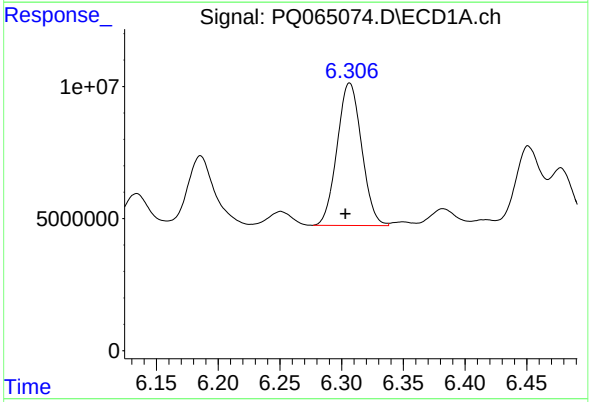
R.T.: 6.016 min
Delta R.T.: 0.004 min
Response: 98074286
Conc: 432.26 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254CCC500



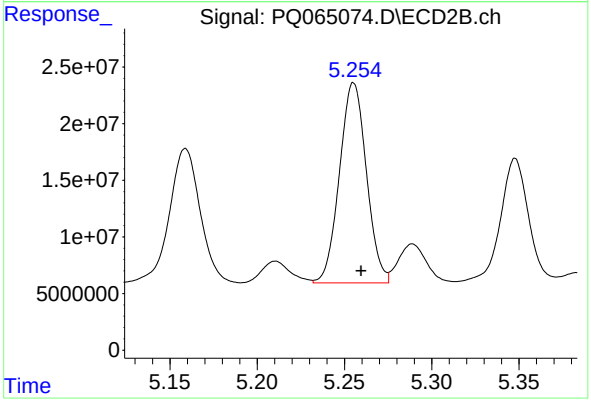

#28 AR-1254-3

R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 293087444
Conc: 500.78 ng/ml



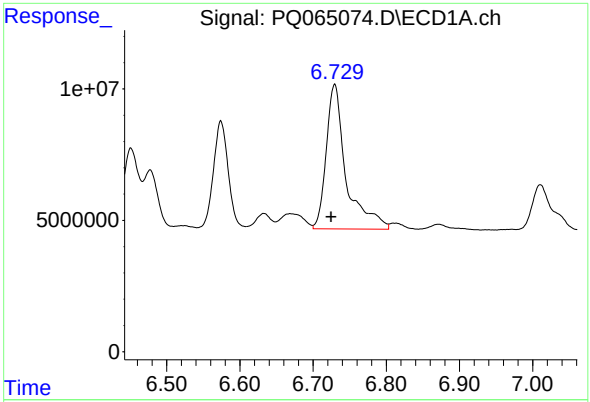

#29 AR-1254-4

R.T.: 6.306 min
Delta R.T.: 0.003 min
Response: 74591815
Conc: 442.60 ng/ml




#29 AR-1254-4

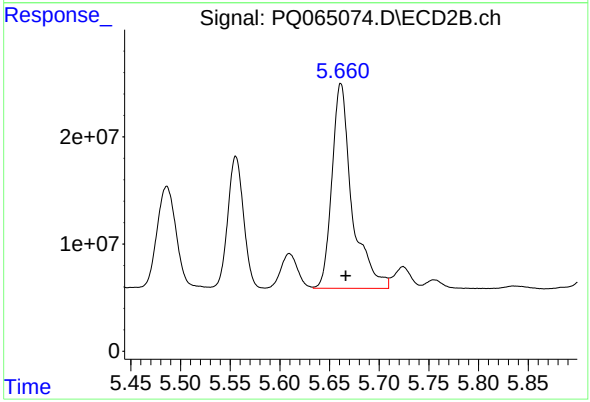
R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 189864309
Conc: 490.65 ng/ml




#30 AR-1254-5

R.T.: 6.730 min
Delta R.T.: 0.005 min
Response: 103961486
Conc: 538.98 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
AR1254CCC500




#30 AR-1254-5

R.T.: 5.661 min
Delta R.T.: -0.005 min
Response: 268694427
Conc: 491.16 ng/ml