Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100721\
Data File : PO081886.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 08 Oct 2021 2:33
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** ECD_O
**ClientSampleId :** AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 08 04:40:01 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100621.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 07 09:43:36 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.990 | 3.979 | 4501984 | 1431409 | 54.252 | 56.568 |
| 2) | SA Decachlor... | 11.113 | 9.308 | 3282175 | 1267557 | 55.335 | 53.658 |
| | Target Compounds | | | | | | |
| 26) | L6 AR-1254-1 | 7.240 | 6.116 | 1560650 | 778912 | 570.481 | 542.768 |
| 27) | L6 AR-1254-2 | 7.471 | 6.278 | 2262335 | 685973 | 554.511 | 529.077 |
| 28) | L6 AR-1254-3 | 7.855 | 6.698 | 2217422 | 1080609 | 543.451 | 542.554 |
| 29) | L6 AR-1254-4 | 8.153 | 6.939 | 1642246 | 699458 | 547.582 | 547.636 |
| 30) | L6 AR-1254-5 | 8.584 | 7.370 | 1788478 | 995749 | 547.800 | 550.265 |

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

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Misc :
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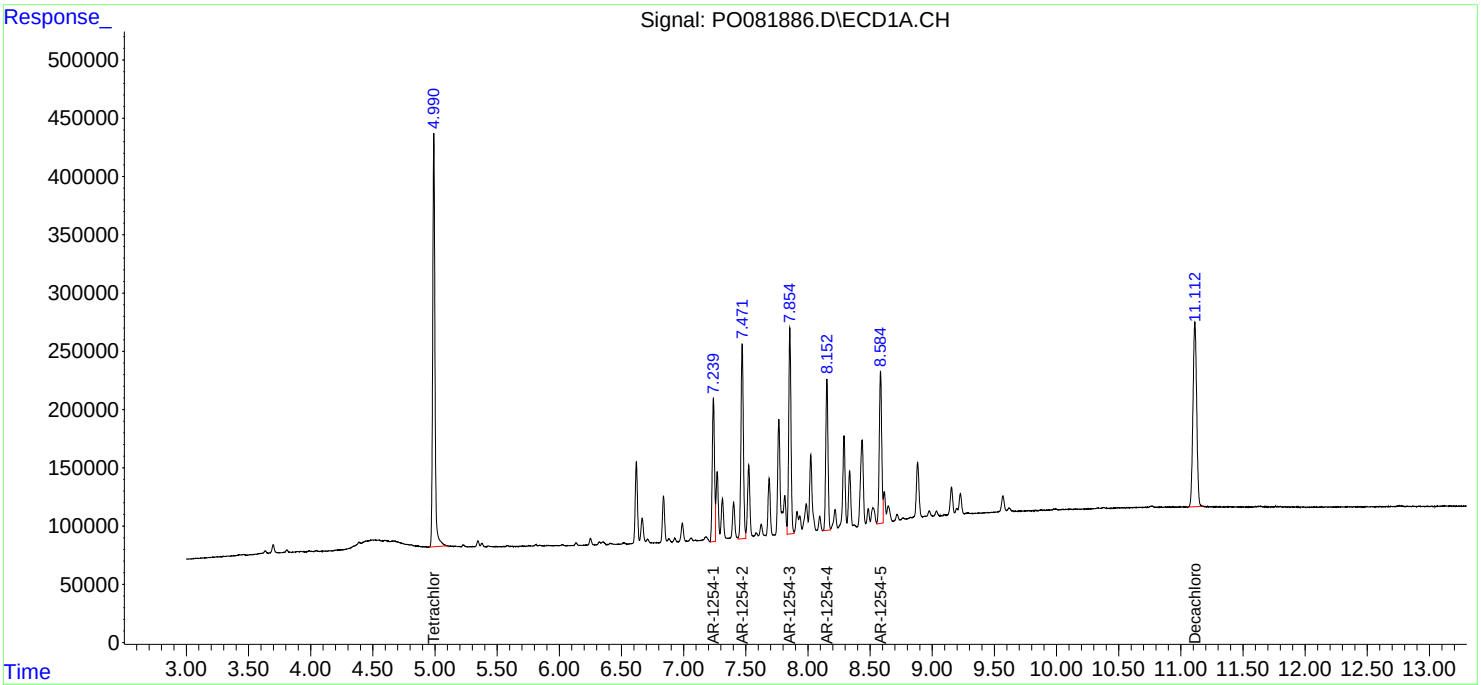
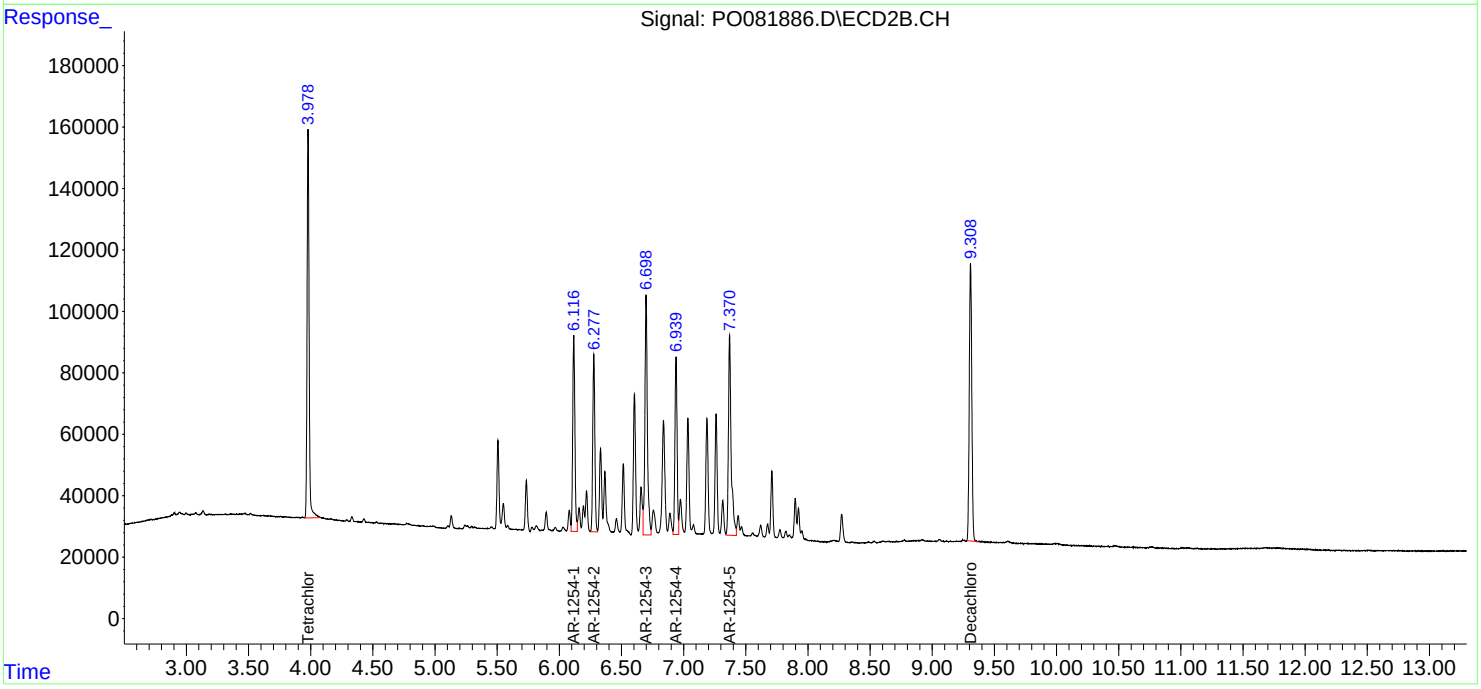
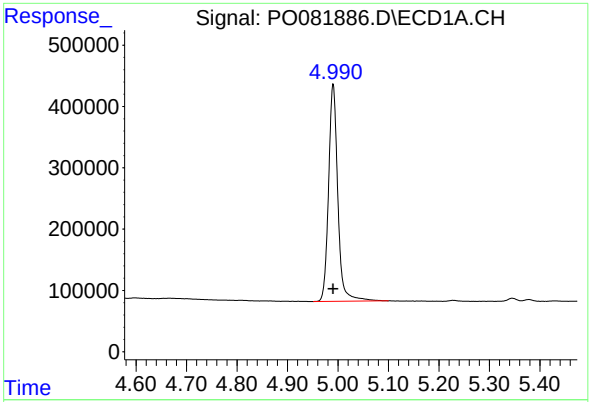


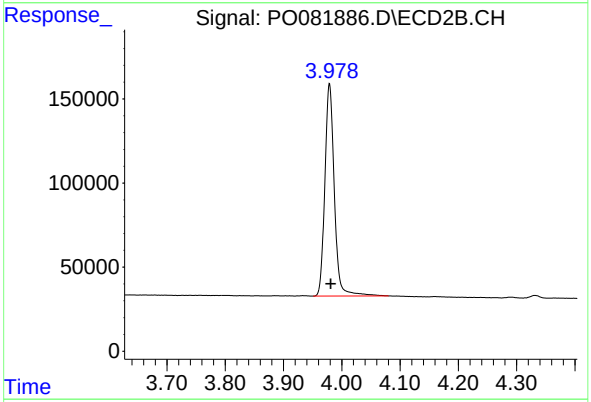






#1 Tetrachloro-m-xylene

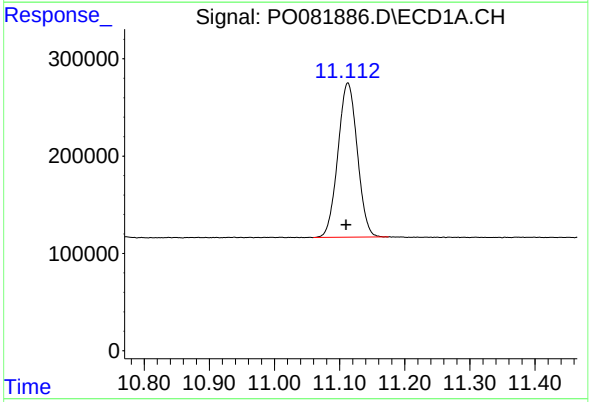
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 4501984
Conc: 54.25 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254CCC500



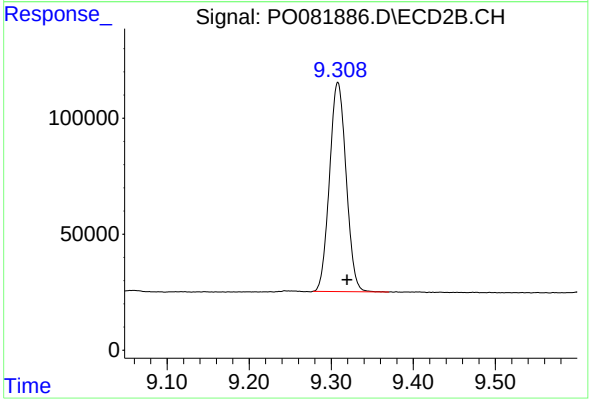

#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 1431409
Conc: 56.57 ng/ml



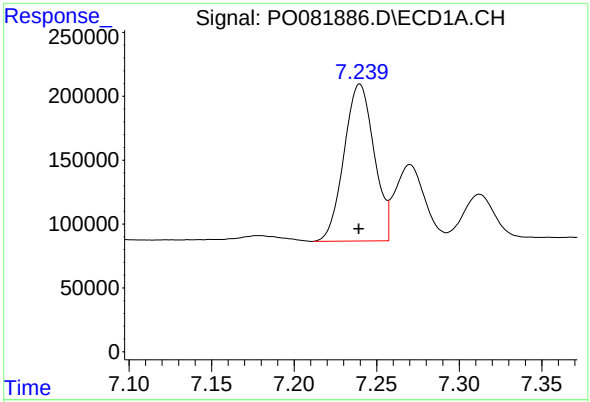

#2 Decachlorobiphenyl

R.T.: 11.113 min
Delta R.T.: 0.003 min
Response: 3282175
Conc: 55.34 ng/ml




#2 Decachlorobiphenyl

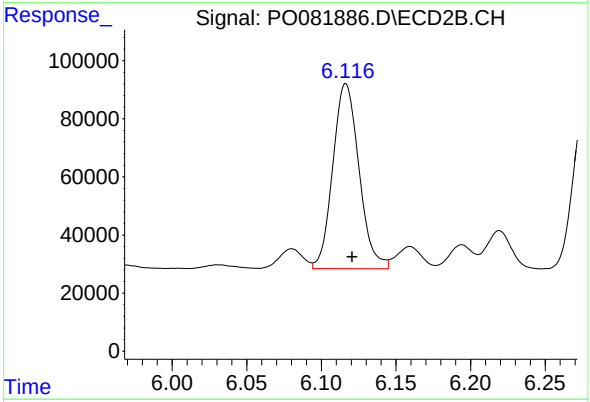
R.T.: 9.308 min
Delta R.T.: -0.011 min
Response: 1267557
Conc: 53.66 ng/ml




#26 AR-1254-1

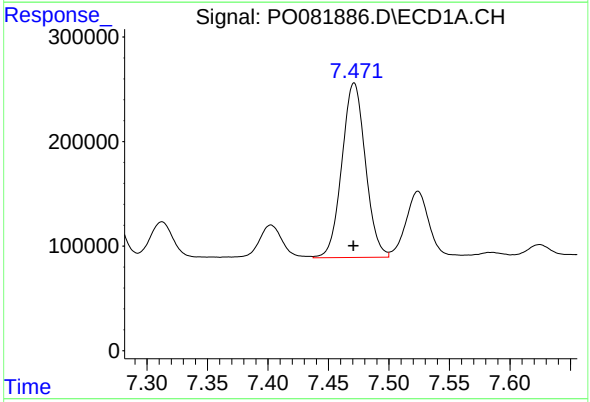
R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 1560650
Conc: 570.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254CCC500



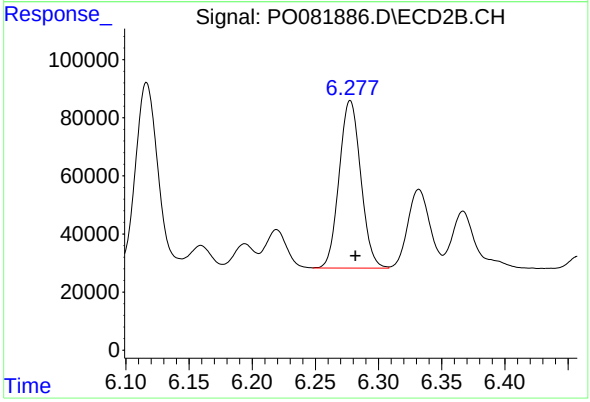

#26 AR-1254-1

R.T.: 6.116 min
Delta R.T.: -0.004 min
Response: 778912
Conc: 542.77 ng/ml



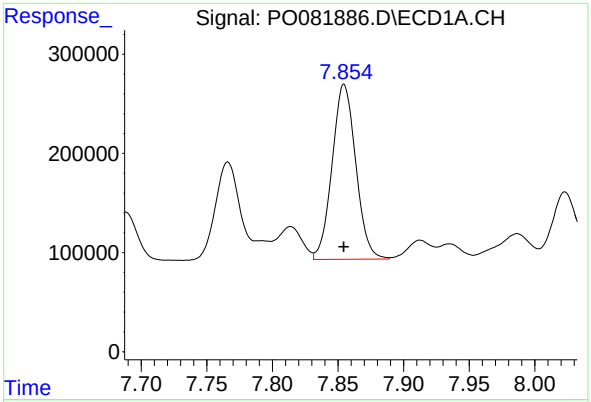

#27 AR-1254-2

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 2262335
Conc: 554.51 ng/ml




#27 AR-1254-2

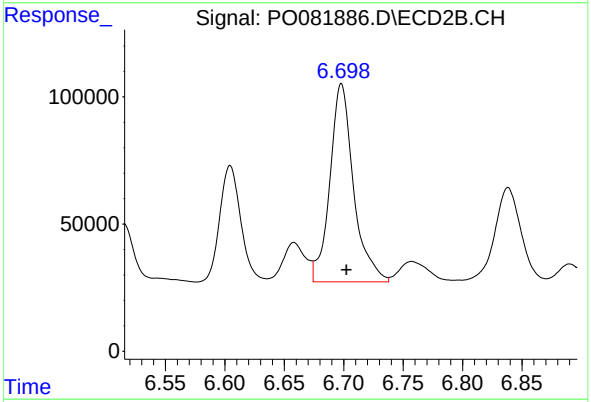
R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 685973
Conc: 529.08 ng/ml




#28 AR-1254-3

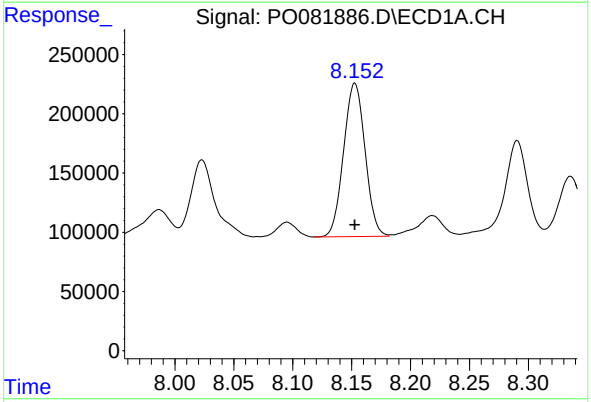
R.T.: 7.855 min
Delta R.T.: 0.000 min
Response: 2217422
Conc: 543.45 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254CCC500



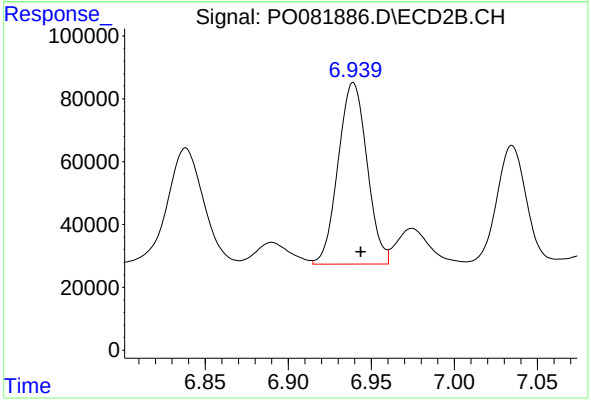

#28 AR-1254-3

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 1080609
Conc: 542.55 ng/ml



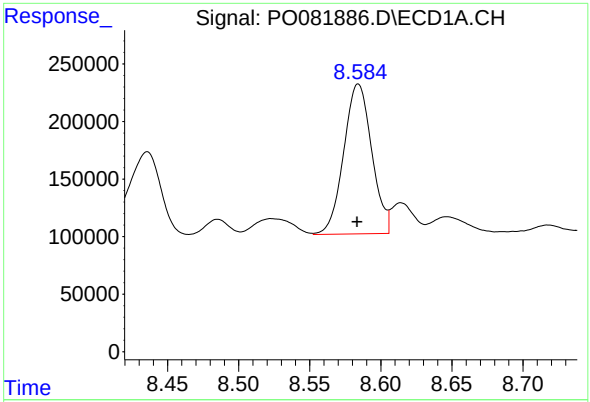

#29 AR-1254-4

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 1642246
Conc: 547.58 ng/ml




#29 AR-1254-4

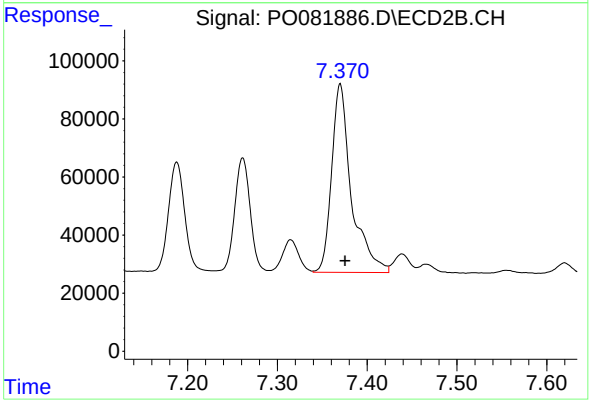
R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 699458
Conc: 547.64 ng/ml




#30 AR-1254-5

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 1788478
Conc: 547.80 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1254CCC500




#30 AR-1254-5

R.T.: 7.370 min
Delta R.T.: -0.005 min
Response: 995749
Conc: 550.27 ng/ml