Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102124\
Data File : PQ069276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2024 10:56
Operator : YP\AJ
Sample : P4368-09
Misc : AR1232 MDL 25 PPB
ALS Vial : 78 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:27:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102124.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 21 15:35:59 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...	3.328	2.739	167.2E6	172.5E6	18.535	19.109
2)	SA Decachlor...	8.451	7.474	114.1E6	164.5E6	17.671	19.887
	Target Compounds						
11)	L3 AR-1232-1	3.672	3.079	3734738	3561430	23.851	21.398
12)	L3 AR-1232-2	4.157	3.742	2394035	6170167	24.111m	32.777m#
13)	L3 AR-1232-3	4.436	3.905	6332605	1884213	31.536m	19.059m#
14)	L3 AR-1232-4	4.585	3.988	3182062	1732593	31.082m	21.070m#
15)	L3 AR-1232-5	4.674	4.147	2290378	3619994	36.138m	36.548m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102124\
Data File : PQ069276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2024 10:56
Operator : YP\AJ
Sample : P4368-09
Misc : AR1232 MDL 25 PPB
ALS Vial : 78 Sample Multiplier: 1

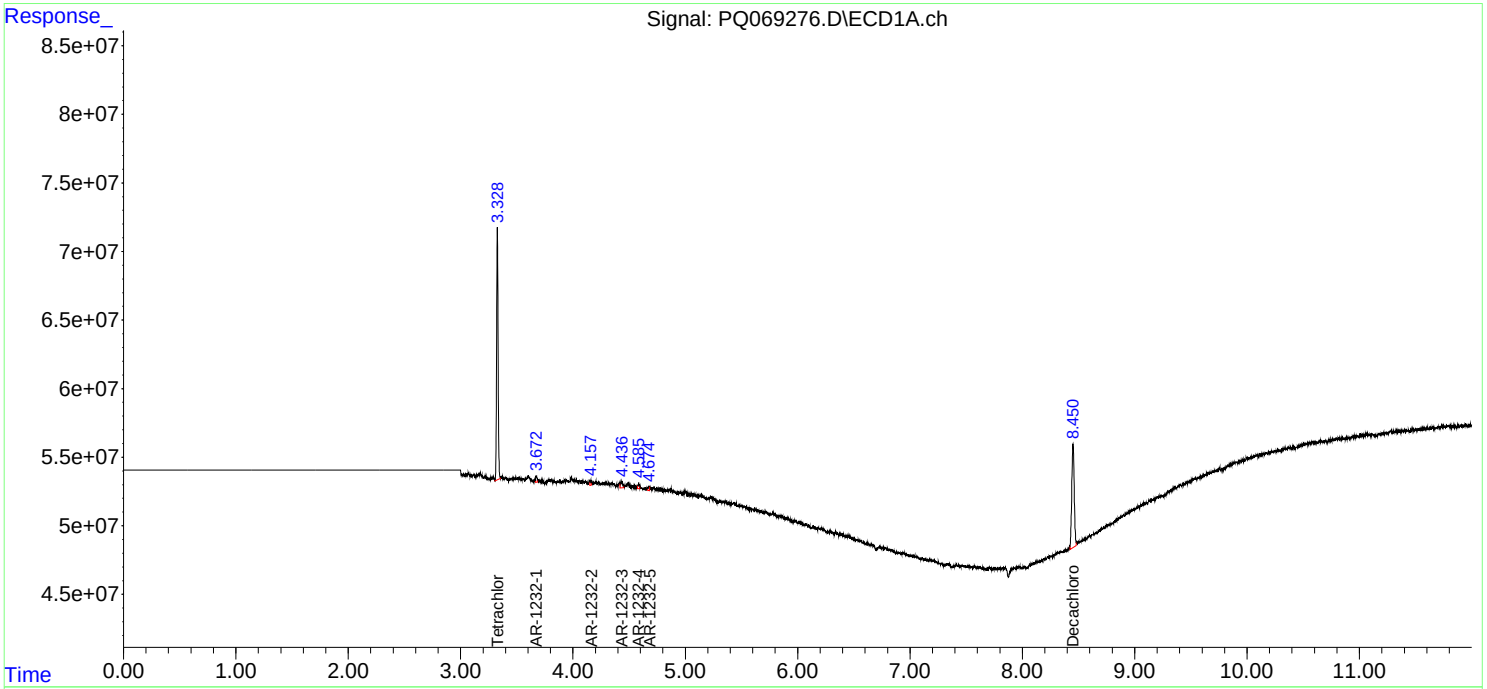
Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2024

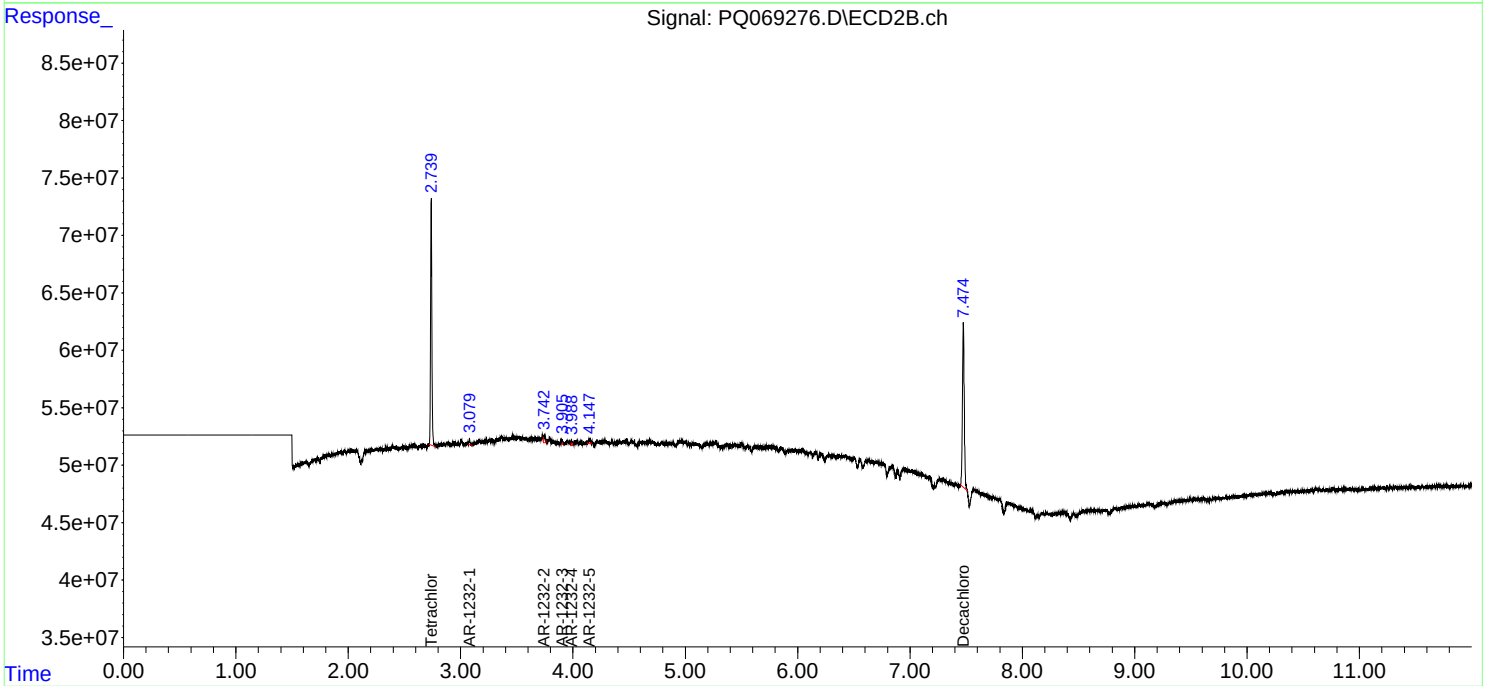
Manual Integrations APPROVED

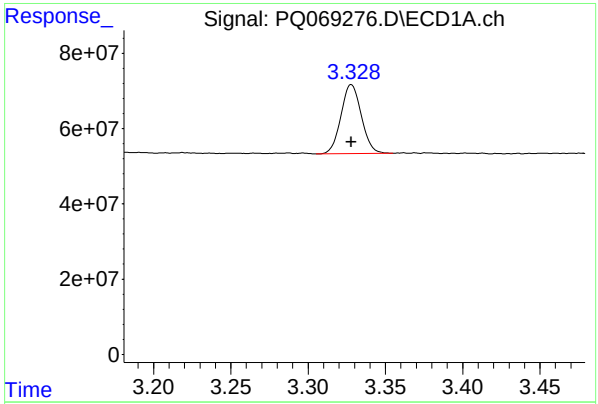
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:27:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102124.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 21 15:35:59 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







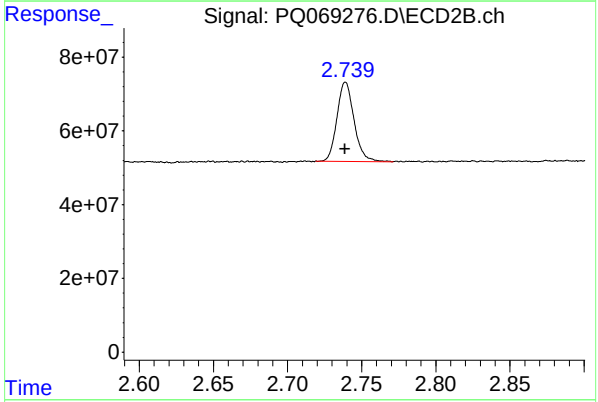
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 167240135
Conc: 18.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2024

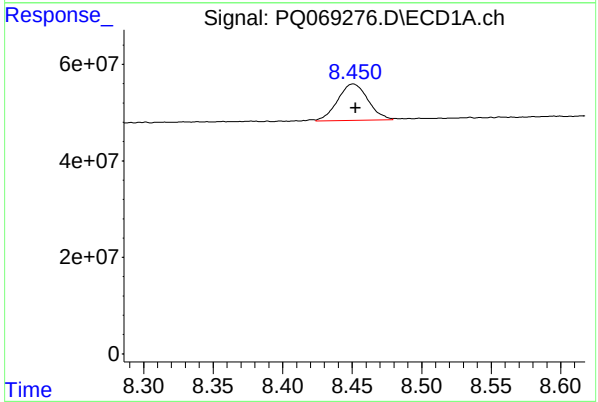
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :Ankita Jodhani 10/23/2024



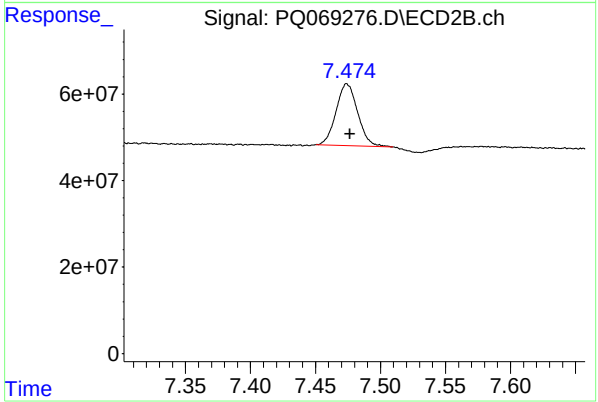
#1 Tetrachloro-m-xylene

R.T.: 2.739 min
Delta R.T.: 0.000 min
Response: 172515049
Conc: 19.11 ng/ml



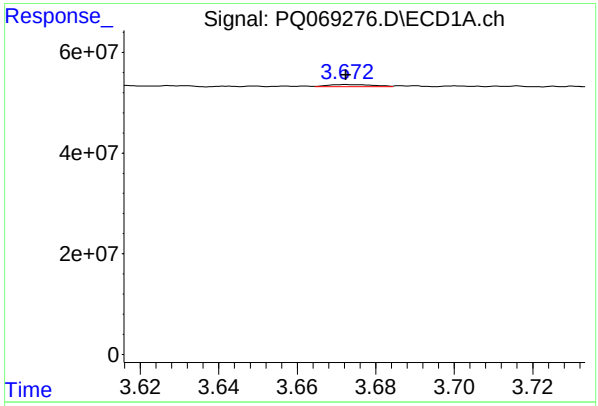
#2 Decachlorobiphenyl

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 114137652
Conc: 17.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.474 min
Delta R.T.: -0.002 min
Response: 164525360
Conc: 19.89 ng/ml



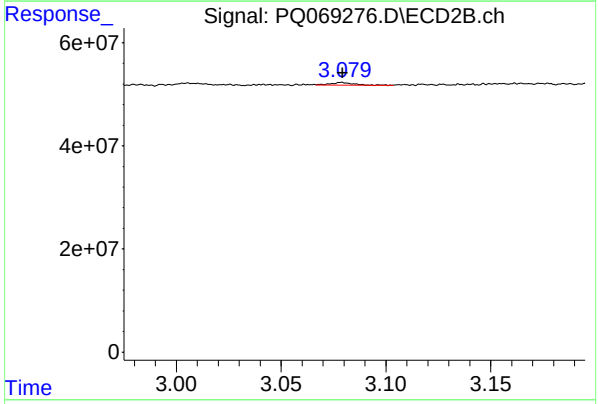
#11 AR-1232-1

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 3734738
Conc: 23.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2024

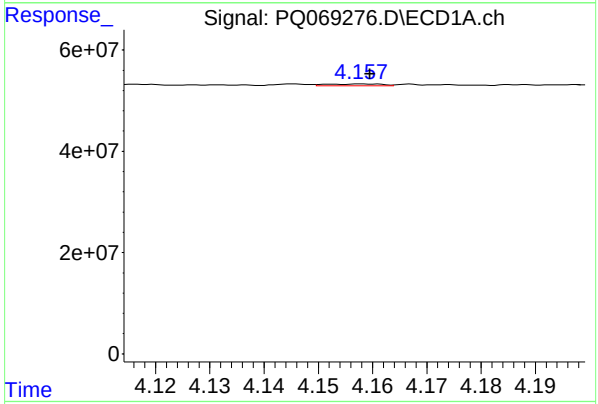
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :Ankita Jodhani 10/23/2024



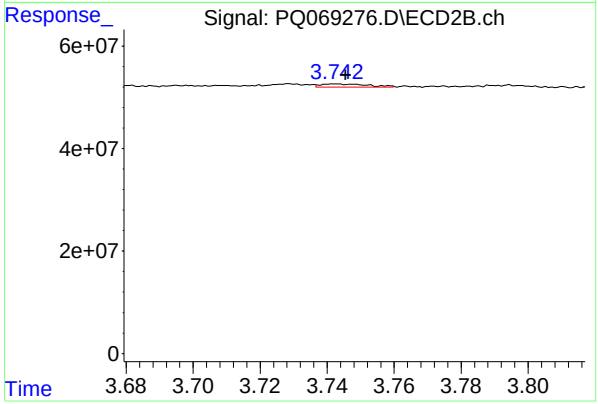
#11 AR-1232-1

R.T.: 3.079 min
Delta R.T.: 0.000 min
Response: 3561430
Conc: 21.40 ng/ml



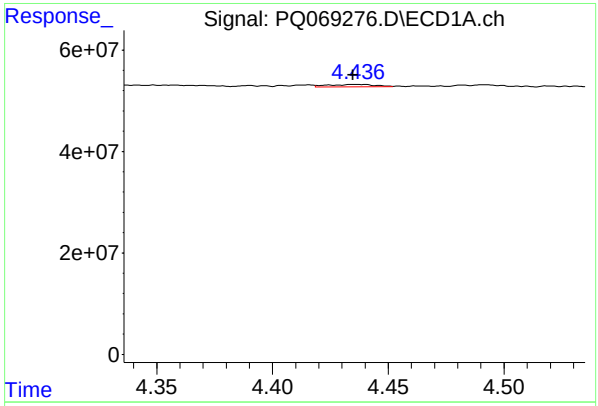
#12 AR-1232-2

R.T.: 4.157 min
Delta R.T.: -0.002 min
Response: 2394035
Conc: 24.11 ng/ml m



#12 AR-1232-2

R.T.: 3.742 min
Delta R.T.: -0.003 min
Response: 6170167
Conc: 32.78 ng/ml m



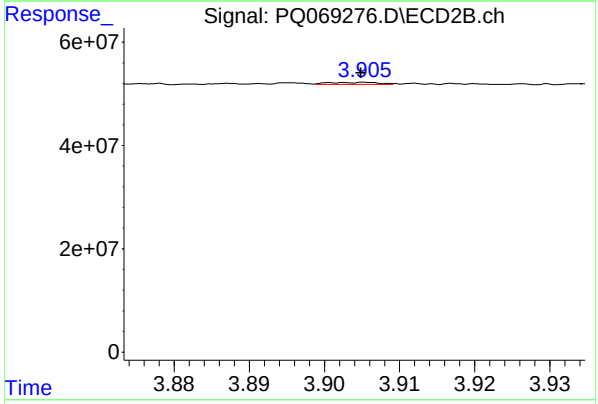
#13 AR-1232-3

R.T.: 4.436 min
Delta R.T.: 0.001 mi
Response: 6332605
Conc: 31.54 ng/m

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2024

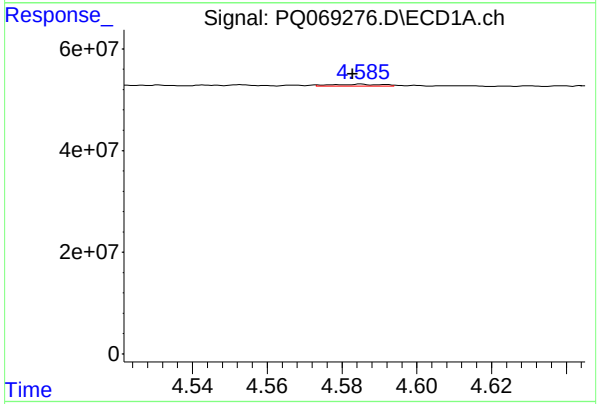
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :Ankita Jodhani 10/23/2024



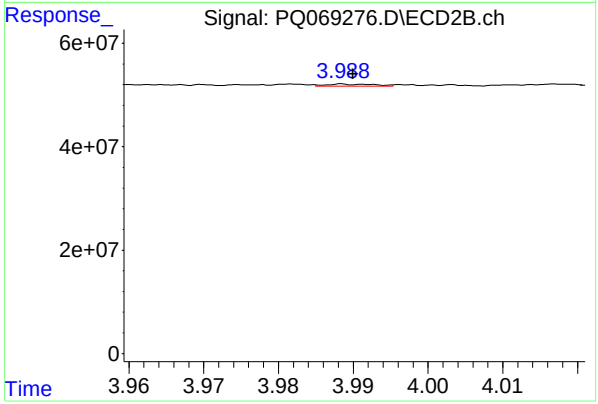
#13 AR-1232-3

R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 1884213
Conc: 19.06 ng/ml m



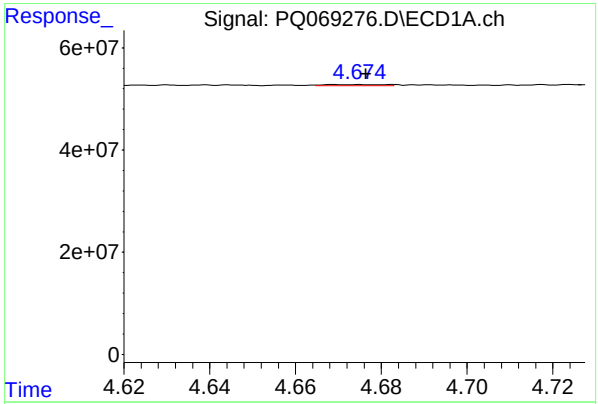
#14 AR-1232-4

R.T.: 4.585 min
Delta R.T.: 0.002 min
Response: 3182062
Conc: 31.08 ng/ml m



#14 AR-1232-4

R.T.: 3.988 min
Delta R.T.: -0.002 min
Response: 1732593
Conc: 21.07 ng/ml m



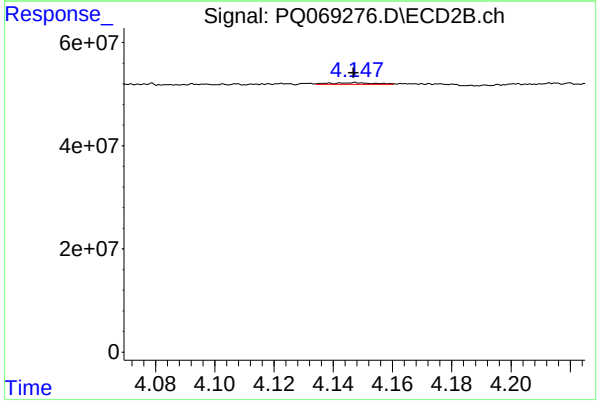
#15 AR-1232-5

R.T.: 4.674 min
Delta R.T.: -0.002 mi
Response: 2290378
Conc: 36.14 ng/m

Instrument :
ECD_Q
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :Ankita Jodhani 10/23/2024



#15 AR-1232-5

R.T.: 4.147 min
Delta R.T.: 0.000 min
Response: 3619994
Conc: 36.55 ng/ml m