

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012825\
 Data File : PQ069822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 21:14
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 22:23:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 28 14:44:45 2025
 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...	3.414	2.786	166.1E6	130.4E6	20.565	17.162
2) SA Decachlor...	8.525	7.560	102.7E6	148.7E6	22.089	19.319
Target Compounds						
8) L2 AR-1221-1	3.607	2.986	5442405	3743332	49.485	37.802m
9) L2 AR-1221-2	3.687	3.059	5361622	3679385	65.988	46.876m#
10) L2 AR-1221-3	3.754	3.131	9131843	6870858	38.807	30.264m

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

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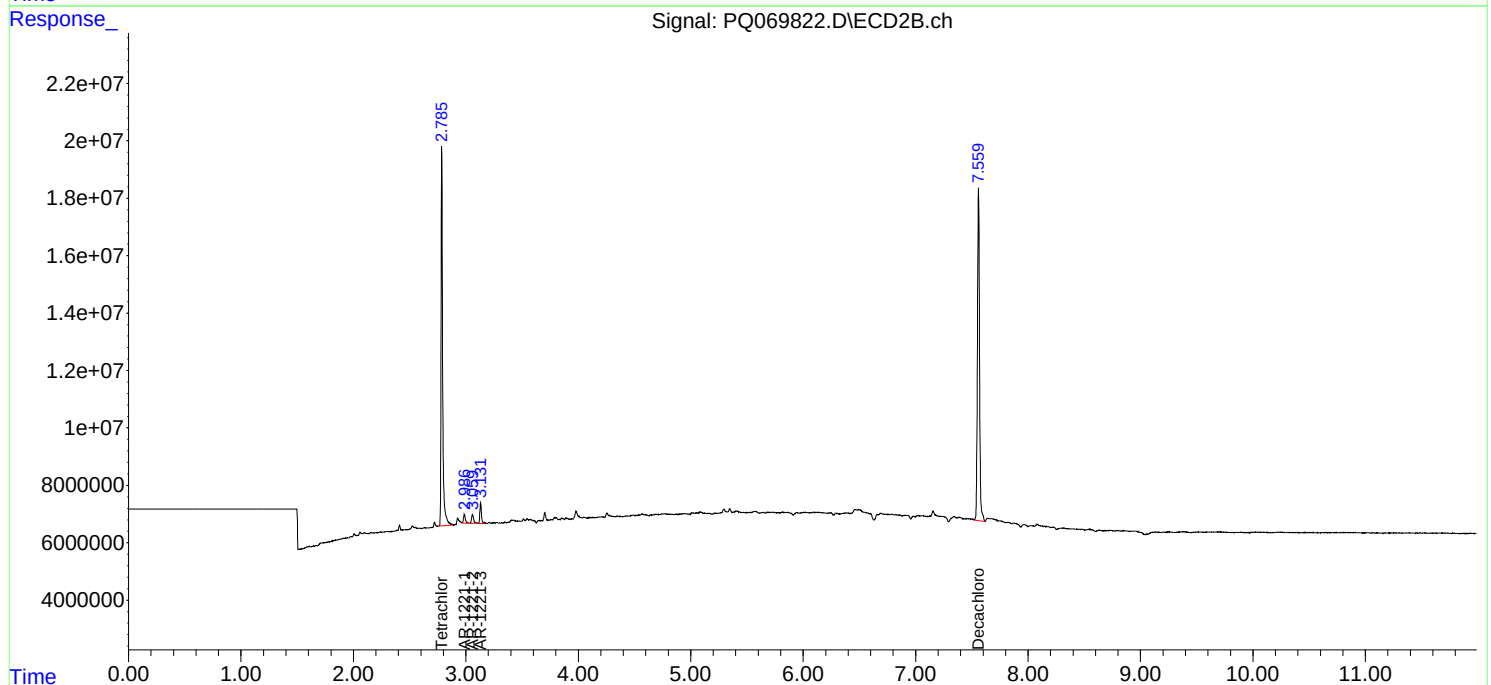
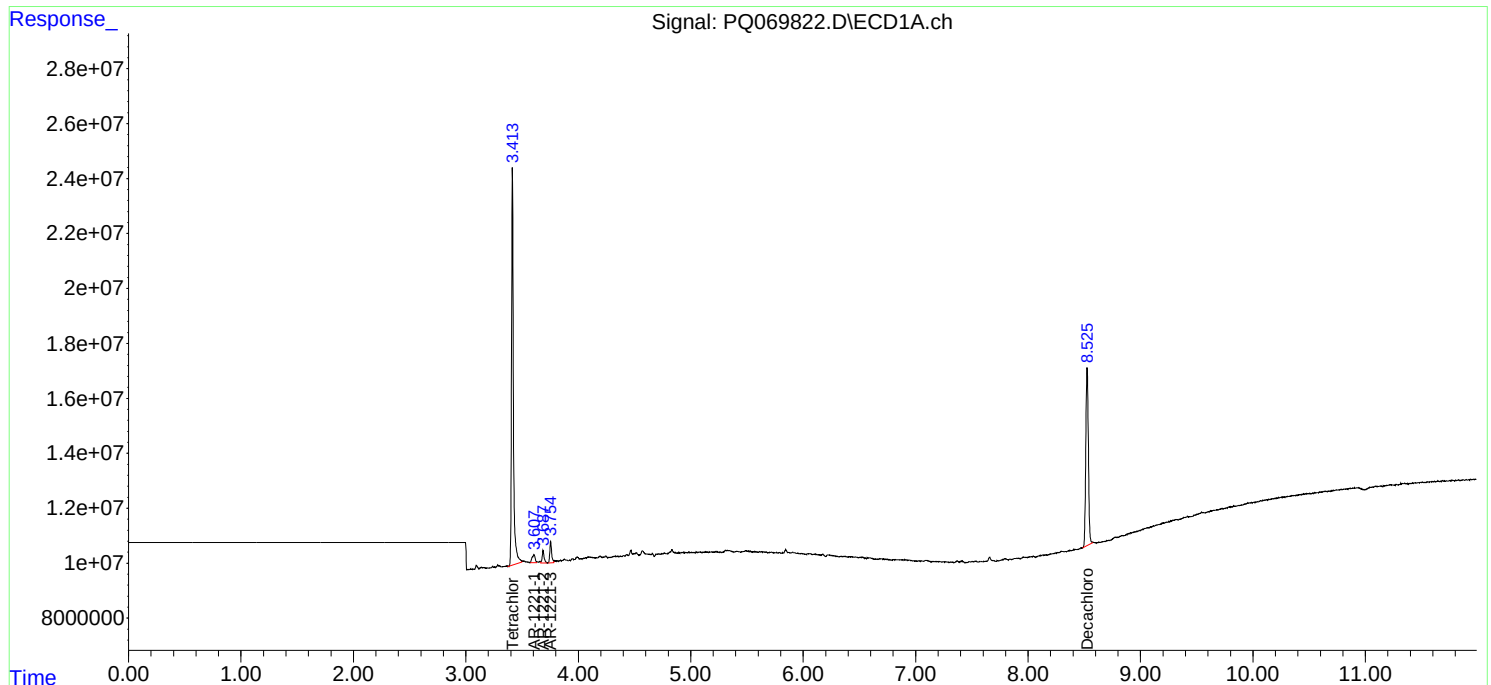
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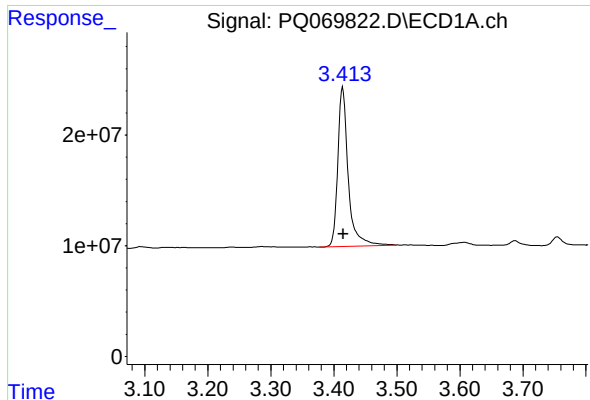
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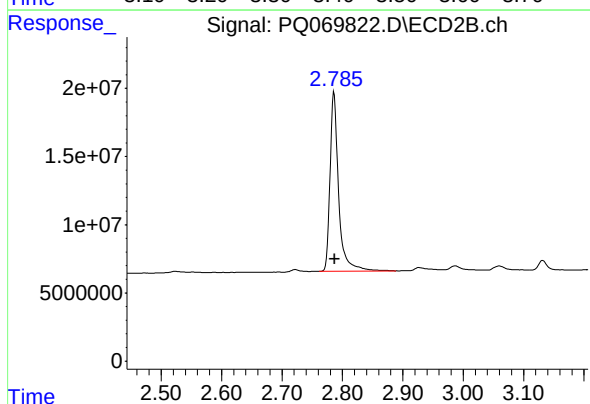
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: -0.001 min
Response: 166148572
Conc: 20.56 ng/ml

Instrument : ECD_Q
ClientSampleId :
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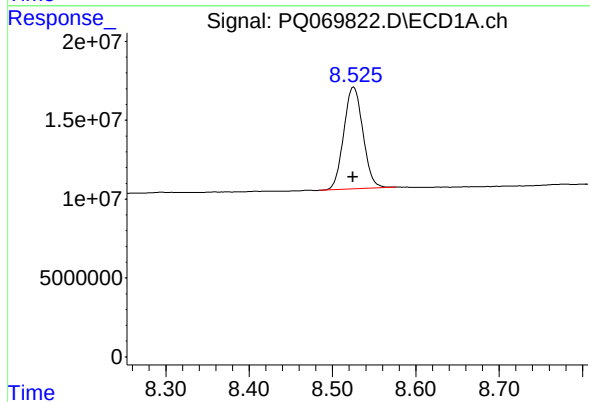
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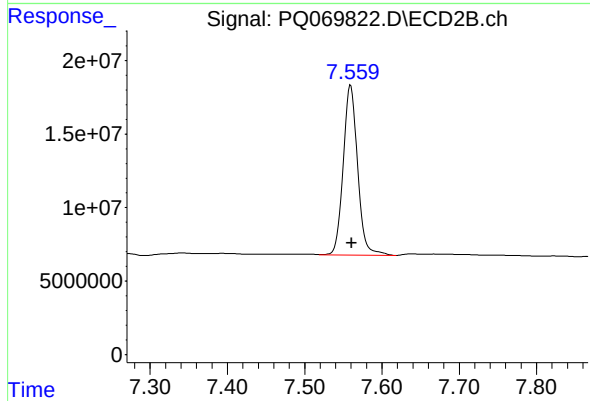
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 130439652
Conc: 17.16 ng/ml



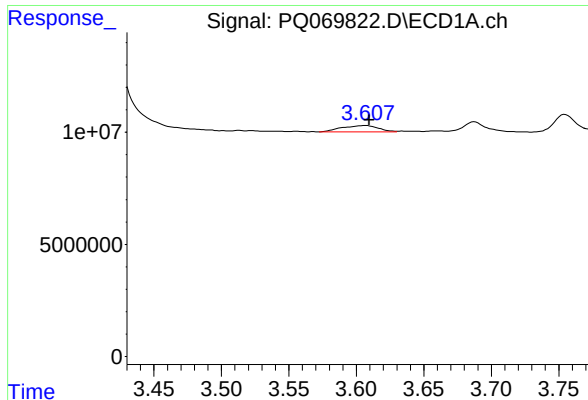
#2 Decachlorobiphenyl

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 102736692
Conc: 22.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.560 min
Delta R.T.: -0.001 min
Response: 148727467
Conc: 19.32 ng/ml



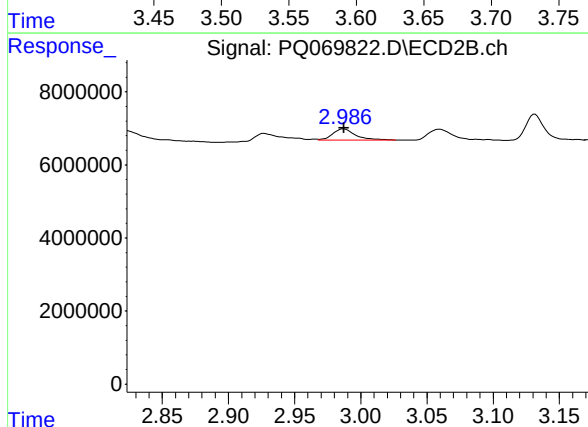
#8 AR-1221-1

R.T.: 3.607 min
Delta R.T.: -0.002 min
Response: 5442405
Conc: 49.48 ng/ml

Instrument :
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ClientSampleId :
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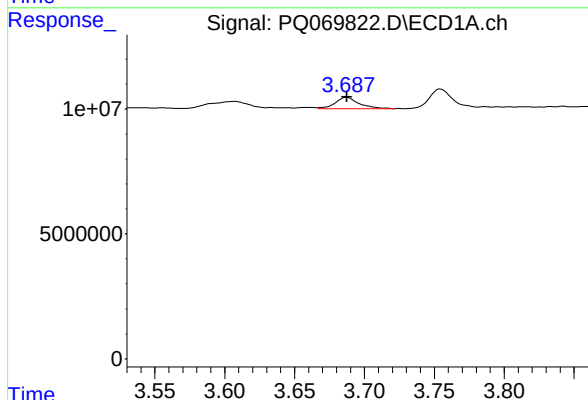
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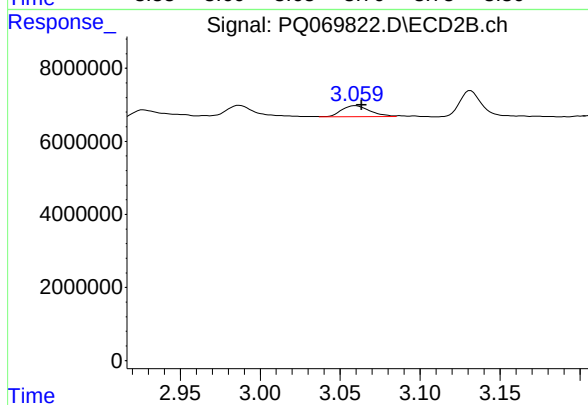
#8 AR-1221-1

R.T.: 2.986 min
Delta R.T.: -0.001 min
Response: 3743332
Conc: 37.80 ng/ml



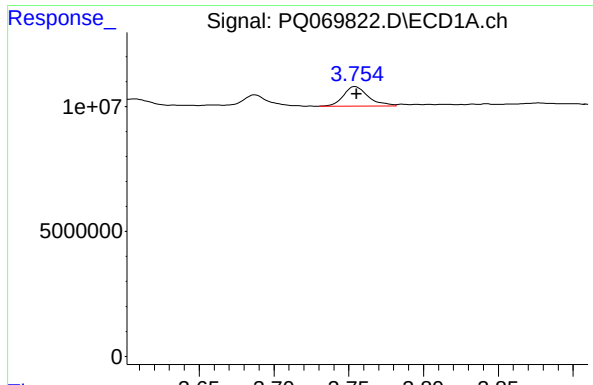
#9 AR-1221-2

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 5361622
Conc: 65.99 ng/ml



#9 AR-1221-2

R.T.: 3.059 min
Delta R.T.: -0.005 min
Response: 3679385
Conc: 46.88 ng/ml



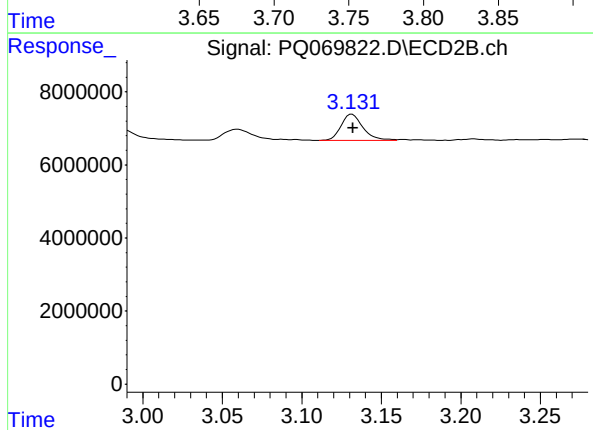
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 9131843
Conc: 38.81 ng/ml

Instrument :
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#10 AR-1221-3

R.T.: 3.131 min
Delta R.T.: -0.001 min
Response: 6870858
Conc: 30.26 ng/ml m