

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 04:05
 Operator : YP\AJ
 Sample : Q2893-03
 Misc : AR1232 SOIL MDL 25PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 06:41:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 10 12:25:43 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...	3.401	2.779	94536102	106.7E6	17.650	16.645
2) SA Decachlor...	8.495	7.534	74362259	132.5E6	19.285	18.791
Target Compounds						
11) L3 AR-1232-1	3.741	3.122	2648373	2960630	18.979	17.341
12) L3 AR-1232-2	4.227	3.795	2037331	3922631	26.616	22.596
13) L3 AR-1232-3	4.499	3.955	2628670	2727785	18.336m	29.221 #
14) L3 AR-1232-4	4.646	4.039	1363540	2838266	19.049m	35.573 #
15) L3 AR-1232-5	4.799	4.197	3382294	1889930	58.256	21.260m#

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

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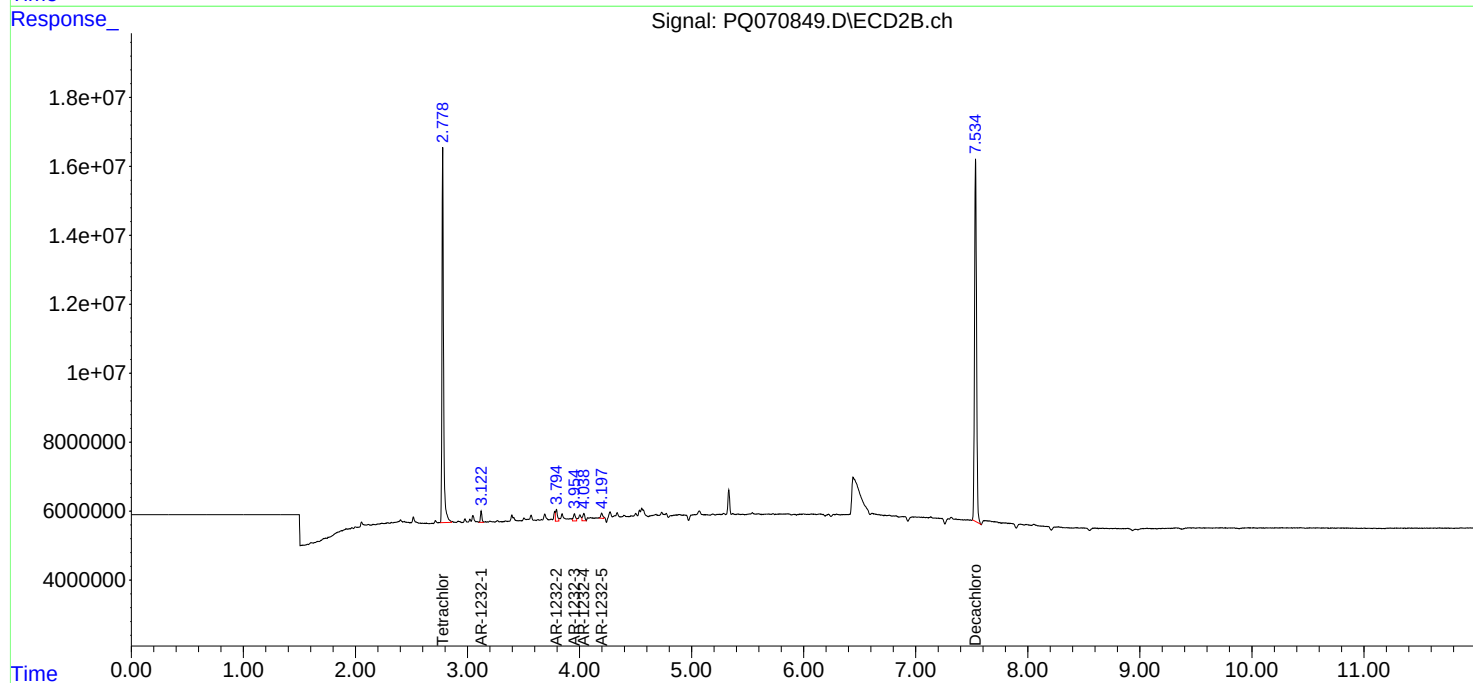
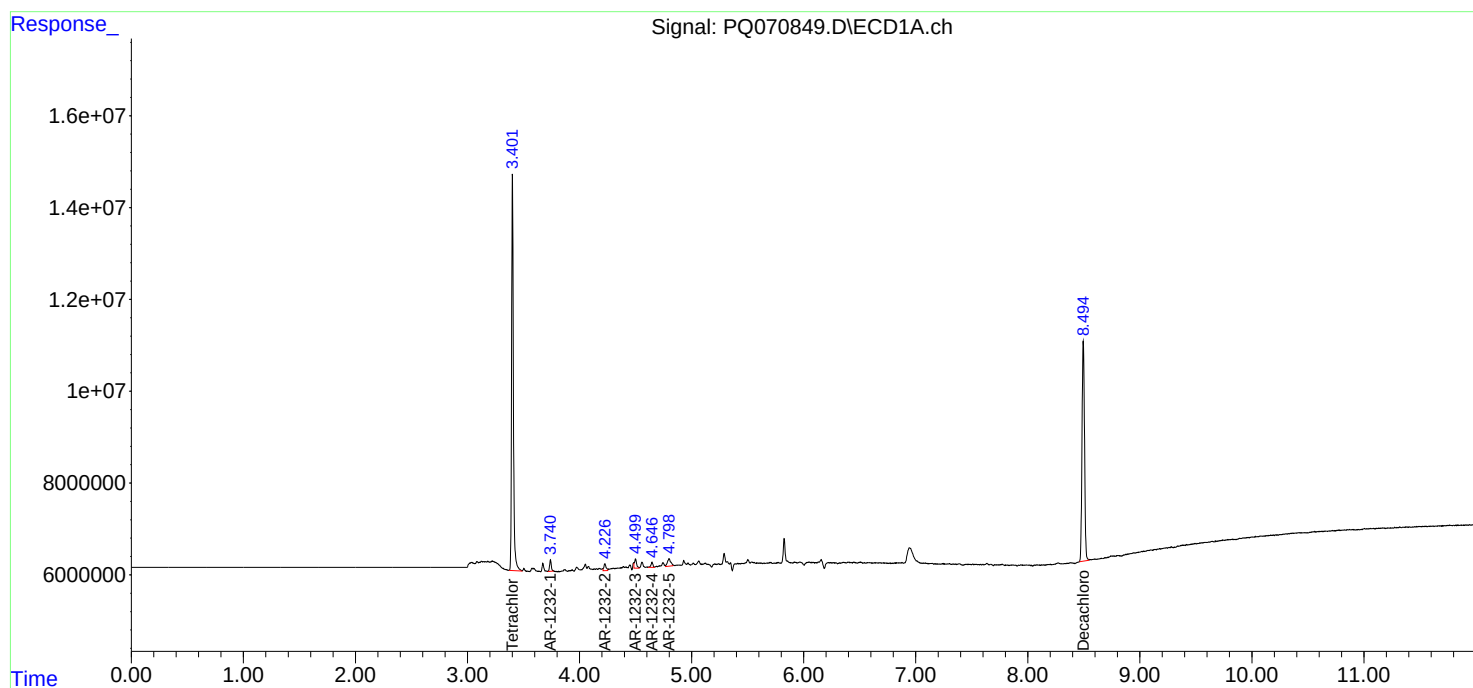
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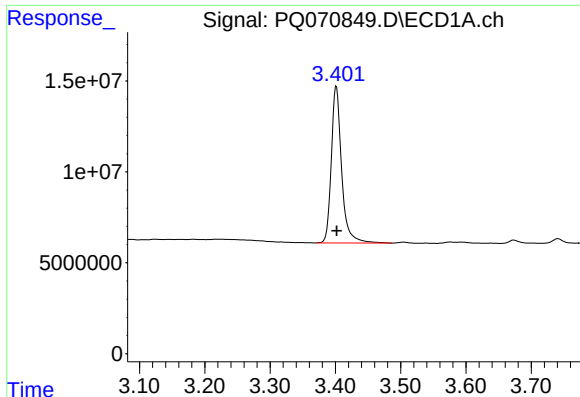
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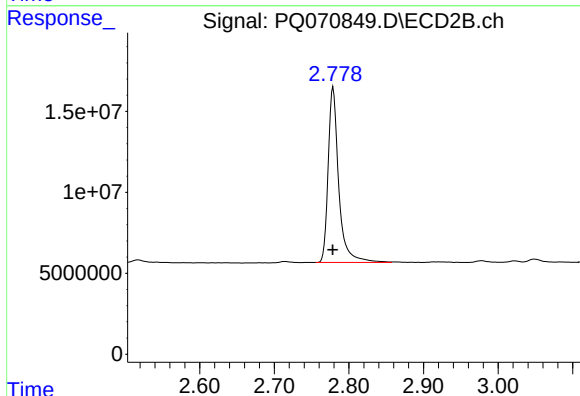
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 94536102
Conc: 17.65 ng/ml

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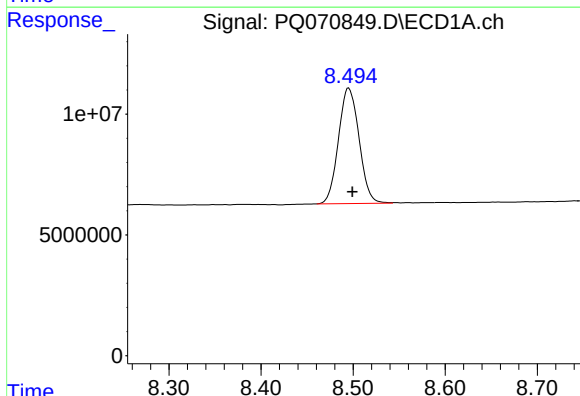
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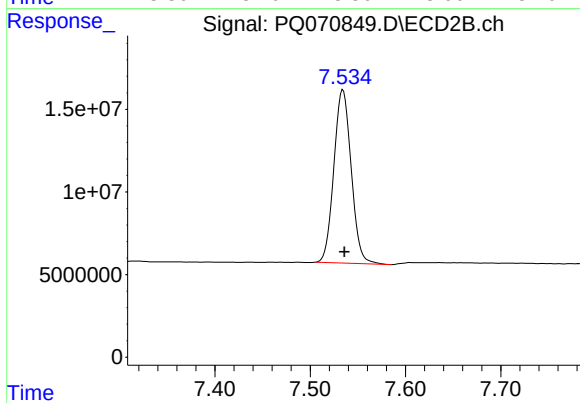
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.000 min
Response: 106733917
Conc: 16.64 ng/ml



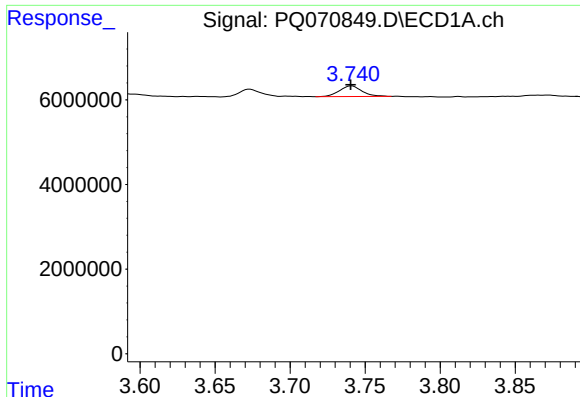
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 74362259
Conc: 19.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: -0.001 min
Response: 132531154
Conc: 18.79 ng/ml



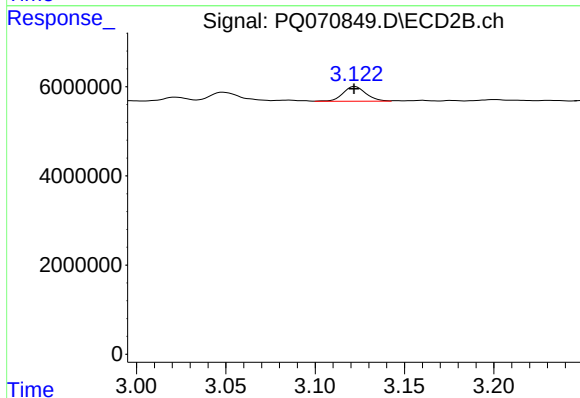
#11 AR-1232-1

R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 2648373
Conc: 18.98 ng/ml

Instrument :
ECD_Q
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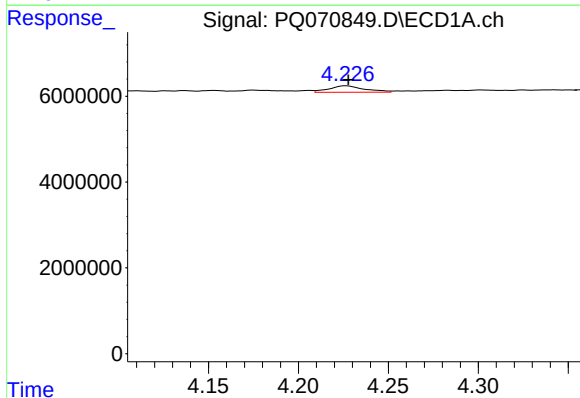
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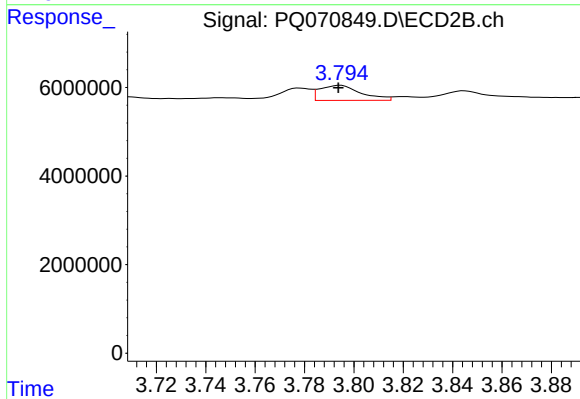
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 2960630
Conc: 17.34 ng/ml



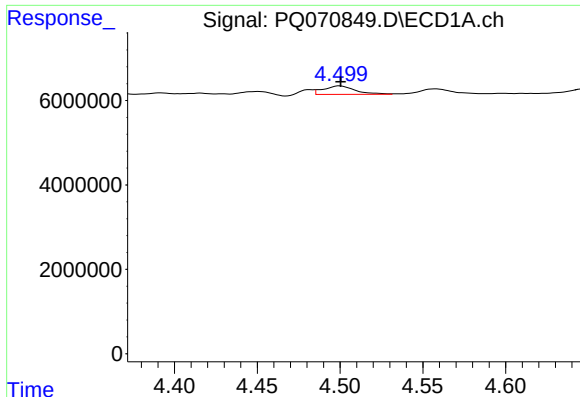
#12 AR-1232-2

R.T.: 4.227 min
Delta R.T.: -0.001 min
Response: 2037331
Conc: 26.62 ng/ml



#12 AR-1232-2

R.T.: 3.795 min
Delta R.T.: 0.000 min
Response: 3922631
Conc: 22.60 ng/ml



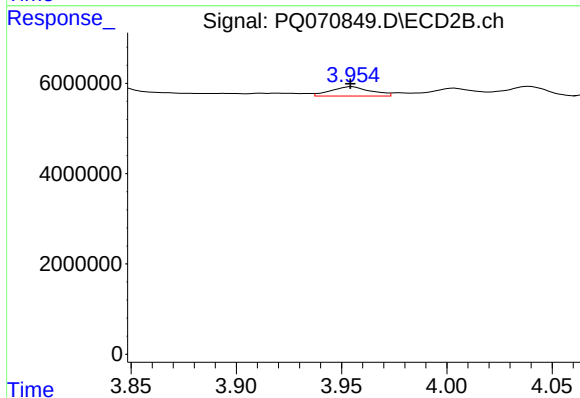
#13 AR-1232-3

R.T.: 4.499 min
Delta R.T.: -0.001 min
Response: 2628670
Conc: 18.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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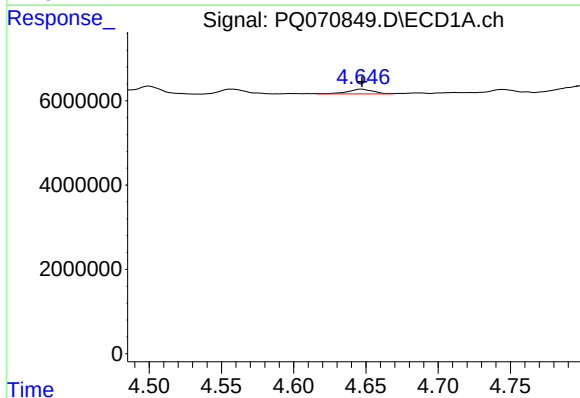
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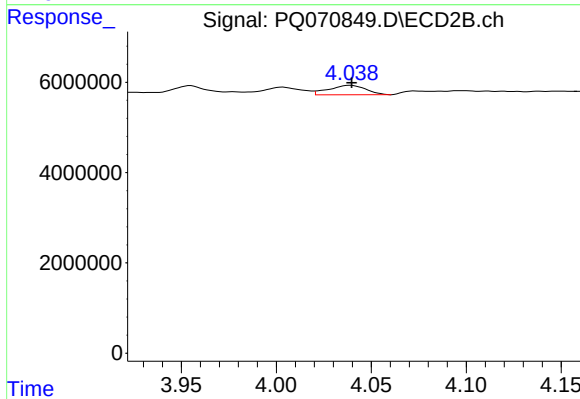
#13 AR-1232-3

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 2727785
Conc: 29.22 ng/ml



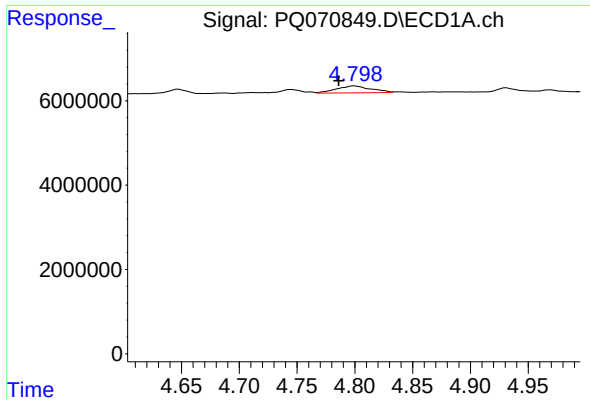
#14 AR-1232-4

R.T.: 4.646 min
Delta R.T.: -0.001 min
Response: 1363540
Conc: 19.05 ng/ml m



#14 AR-1232-4

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 2838266
Conc: 35.57 ng/ml



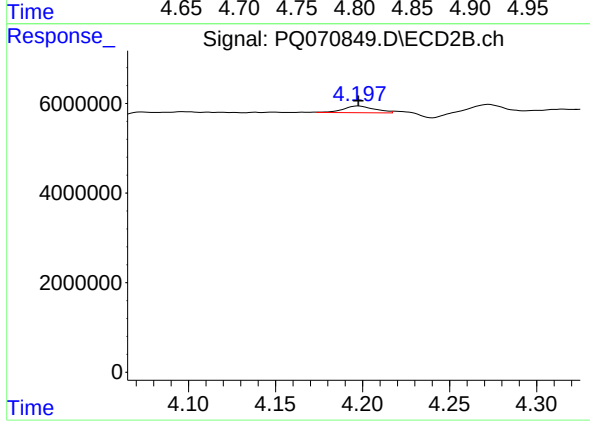
#15 AR-1232-5

R.T.: 4.799 min
Delta R.T.: 0.013 min
Response: 3382294
Conc: 58.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 1889930
Conc: 21.26 ng/ml m