

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072325\
 Data File : PQ070633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 06:43
 Operator : YP\AJ
 Sample : Q2655-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 SOIL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2025
 Supervised By :mohammad ahmed 07/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 09:00:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 23 09:47:21 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...	3.394	2.793	404.8E6	46462253	46.085	4.656m#
2)	SA Decachlor...	8.503	7.540	52963182	63700547	10.801m	7.291 #
Target Compounds							
16)	L4 AR-1242-1	4.491	3.792	5771.6E6	5506.1E6	24947.377	19724.827
17)	L4 AR-1242-2	4.510	3.792	8002.4E6	5506.1E6	22548.560	13389.396 #
18)	L4 AR-1242-3	4.568	3.967	3979.4E6	3343.8E6	18115.905	14517.422
19)	L4 AR-1242-4	4.658	4.054	3280.9E6	2194.7E6	18187.556	10163.249 #
20)	L4 AR-1242-5	5.364	4.548	325.4E6	604.9E6	1821.357	2233.853

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

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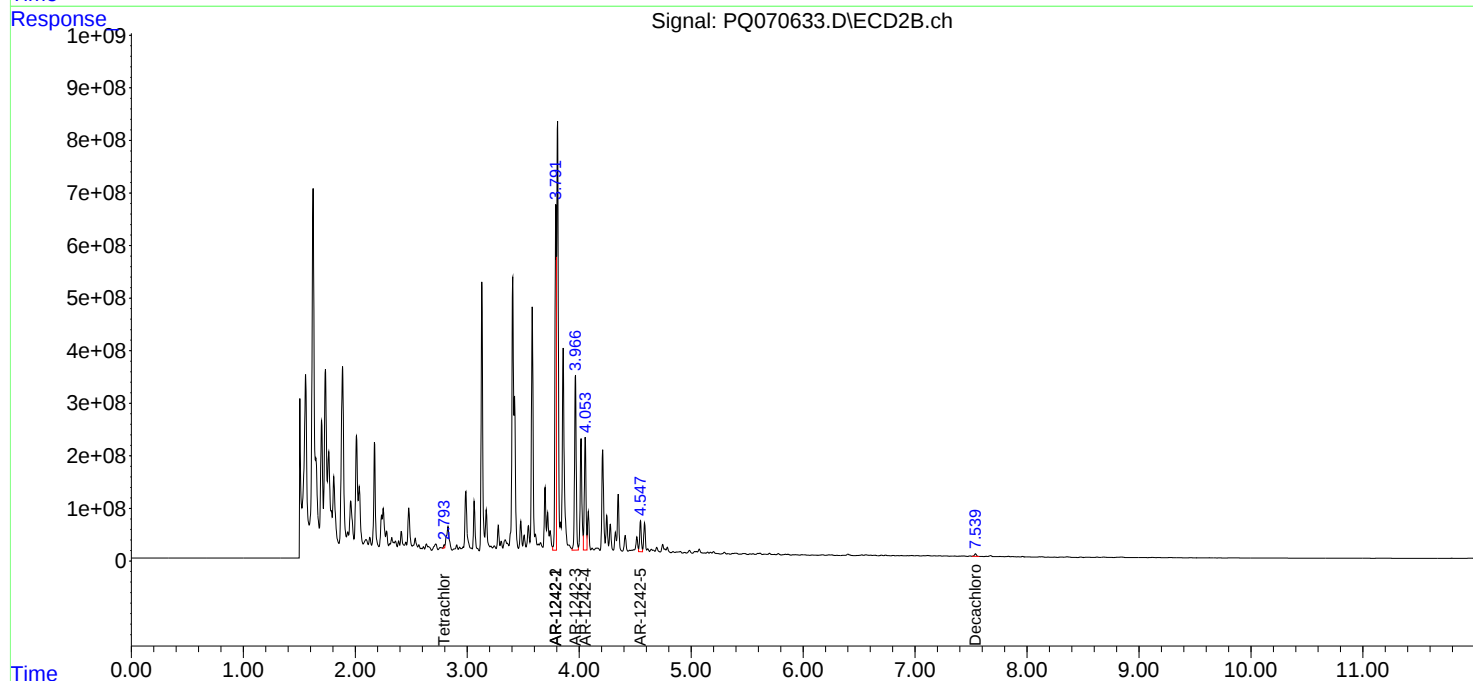
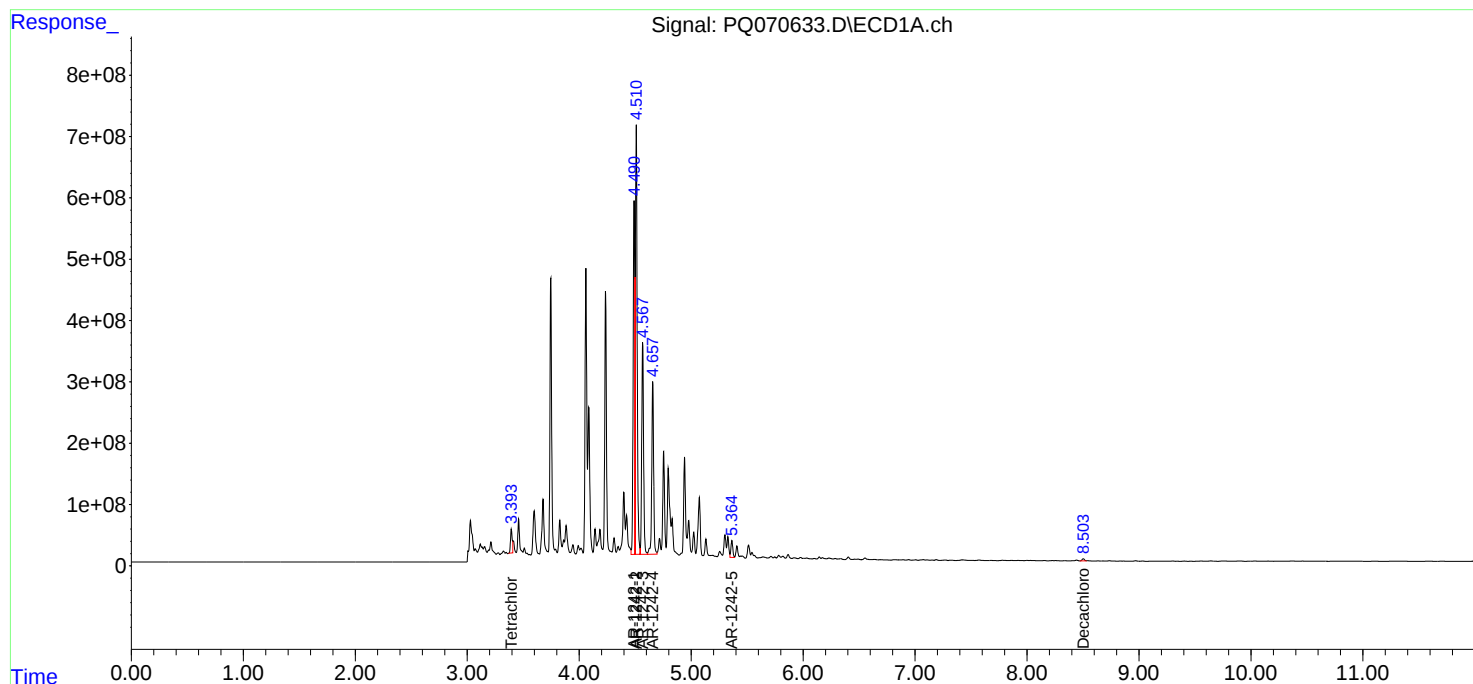
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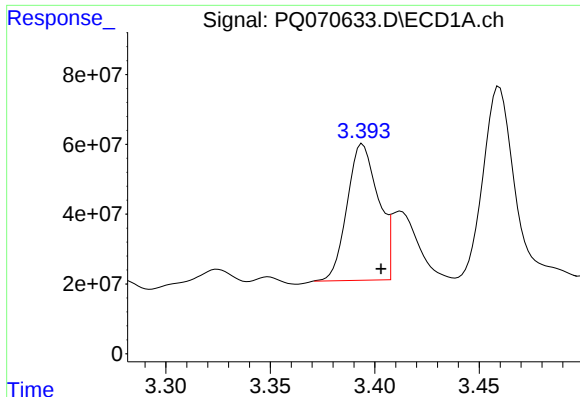
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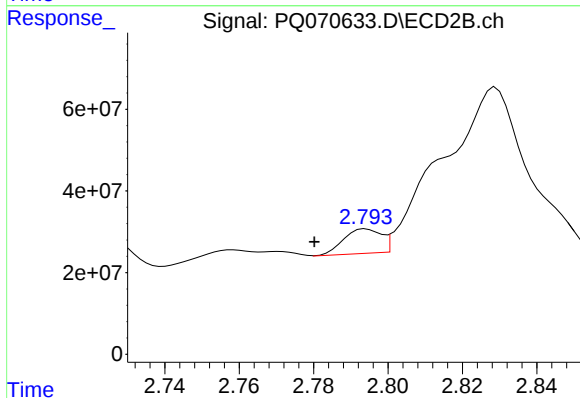
#1 Tetrachloro-m-xylene

R.T.: 3.394 min
Delta R.T.: -0.009 min
Response: 404824458
Conc: 46.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SOIL

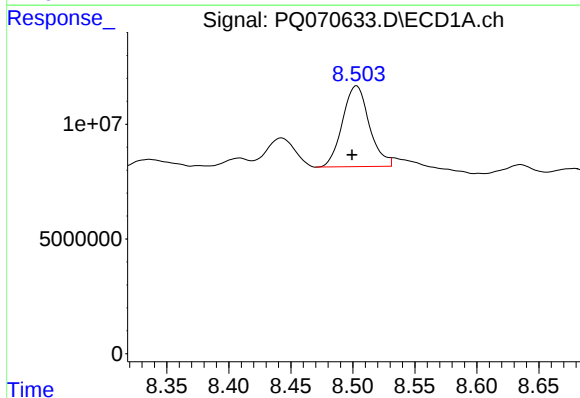
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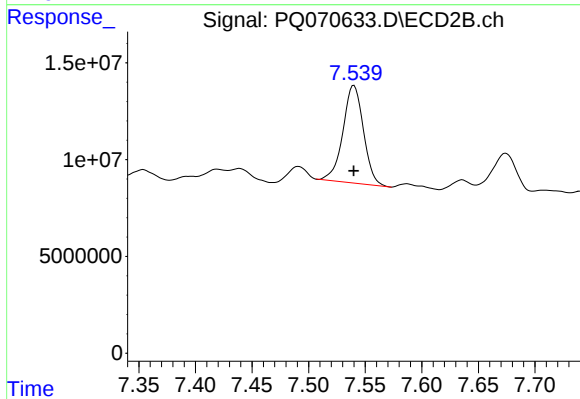
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: 0.013 min
Response: 46462253
Conc: 4.66 ng/ml m



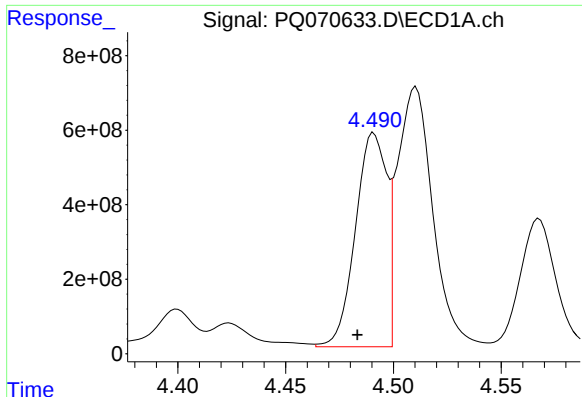
#2 Decachlorobiphenyl

R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 52963182
Conc: 10.80 ng/ml m



#2 Decachlorobiphenyl

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 63700547
Conc: 7.29 ng/ml



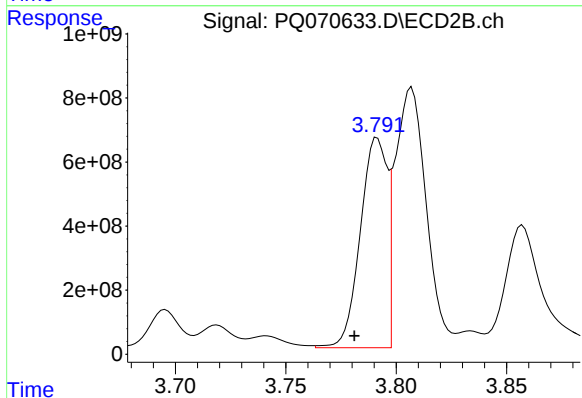
#16 AR-1242-1

R.T.: 4.491 min
Delta R.T.: 0.008 min
Response: 5771572172
Conc: 24947.38 ng/ml

Instrument :
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ClientSampleId :
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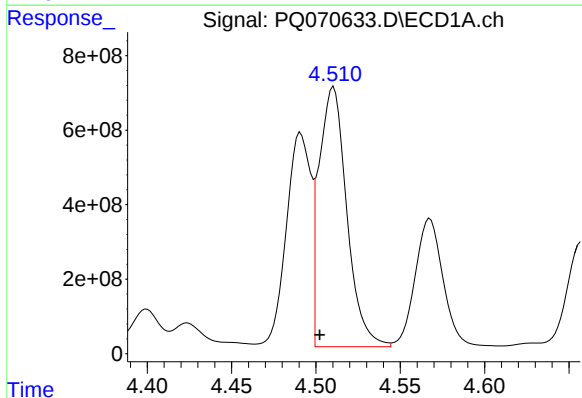
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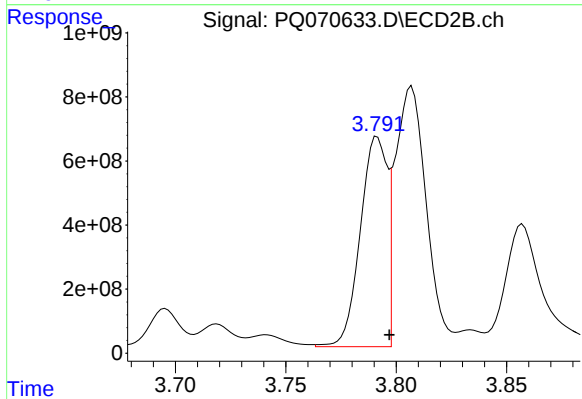
#16 AR-1242-1

R.T.: 3.792 min
Delta R.T.: 0.011 min
Response: 5506141560
Conc: 19724.83 ng/ml



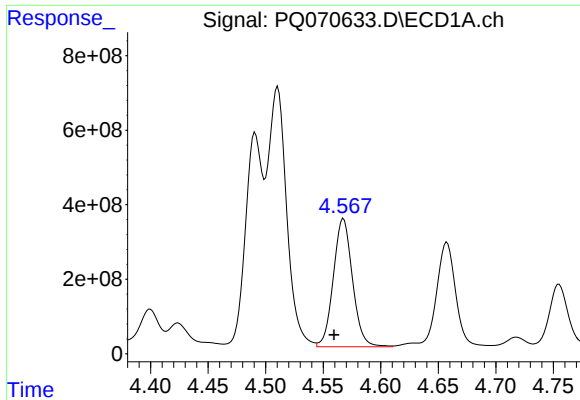
#17 AR-1242-2

R.T.: 4.510 min
Delta R.T.: 0.008 min
Response: 8002384670
Conc: 22548.56 ng/ml



#17 AR-1242-2

R.T.: 3.792 min
Delta R.T.: -0.005 min
Response: 5506141560
Conc: 13389.40 ng/ml



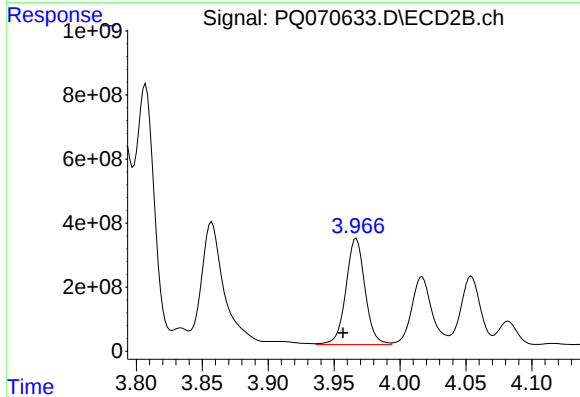
#18 AR-1242-3

R.T.: 4.568 min
Delta R.T.: 0.008 min
Response: 3979356262
Conc: 18115.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SOIL

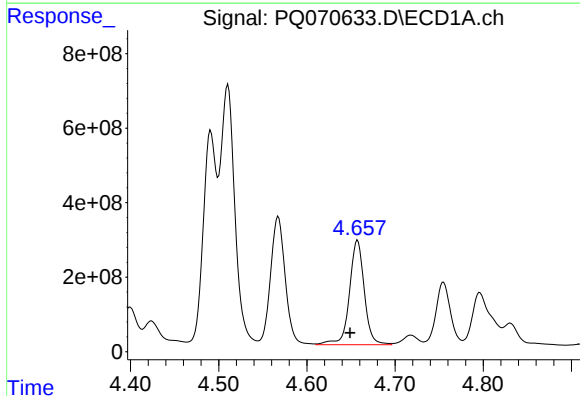
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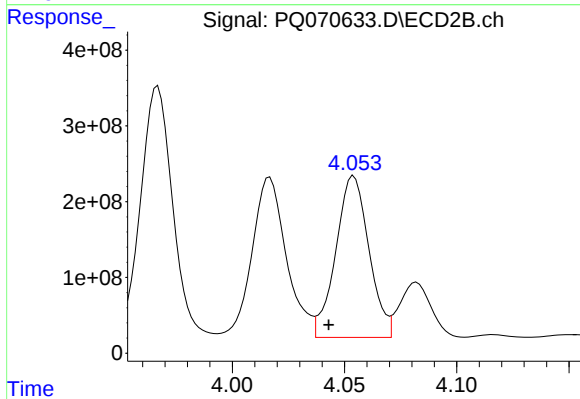
#18 AR-1242-3

R.T.: 3.967 min
Delta R.T.: 0.010 min
Response: 3343841900
Conc: 14517.42 ng/ml



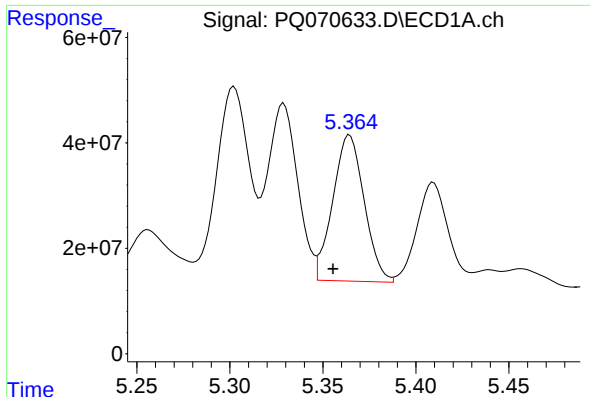
#19 AR-1242-4

R.T.: 4.658 min
Delta R.T.: 0.008 min
Response: 3280857457
Conc: 18187.56 ng/ml



#19 AR-1242-4

R.T.: 4.054 min
Delta R.T.: 0.011 min
Response: 2194683894
Conc: 10163.25 ng/ml



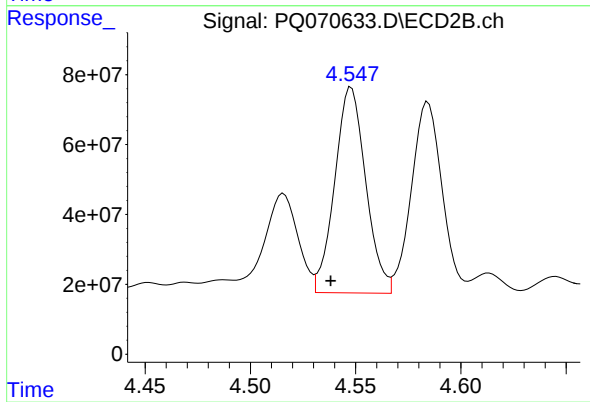
#20 AR-1242-5

R.T.: 5.364 min
Delta R.T.: 0.009 min
Response: 325384023
Conc: 1821.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SOIL

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#20 AR-1242-5

R.T.: 4.548 min
Delta R.T.: 0.010 min
Response: 604856707
Conc: 2233.85 ng/ml