

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012324\
 Data File : PQ064986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 19:58
 Operator : YP\AJ
 Sample : P1187-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/24/2024
 Supervised By :Sohil Jodhani 01/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 01:35:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011724.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 18 00:09:27 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...	3.472	2.744	75945499	151.8E6	20.386	22.735
2) SA Decachlor...	8.772	7.522	65485395	170.3E6	21.190	23.437
Target Compounds						
3) L1 AR-1016-1	4.594	3.744	5043818	11198144	41.803	44.841
4) L1 AR-1016-2	4.613	3.760	7175734	15258011	41.699	44.335
5) L1 AR-1016-3	4.672	3.920	5054120	8662586	45.997	45.252
6) L1 AR-1016-4	4.765	3.969	3959060	7255900	43.186	45.106
7) L1 AR-1016-5	5.058	4.164	3455563	8956274	39.279	45.099
31) L7 AR-1260-1	6.180	5.159	6954549	19168877	39.493	47.630m
32) L7 AR-1260-2	6.446	5.347	9439656	20910998	41.323m	42.758m
33) L7 AR-1260-3	6.807	5.491	6159119	21790652	38.361	45.556
34) L7 AR-1260-4	7.027	5.953	6954430	17297753	39.105	44.454
35) L7 AR-1260-5	7.348	6.199	12895609	37978361	35.126	43.516

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

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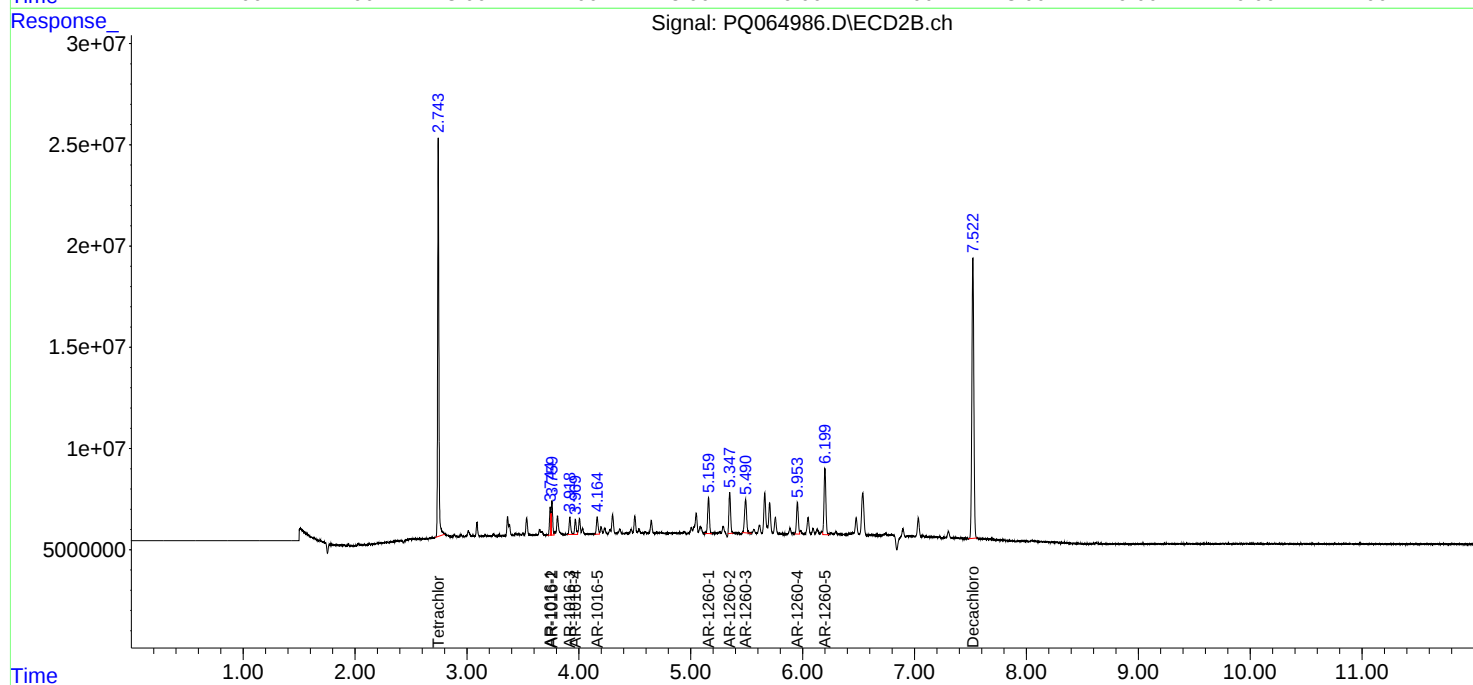
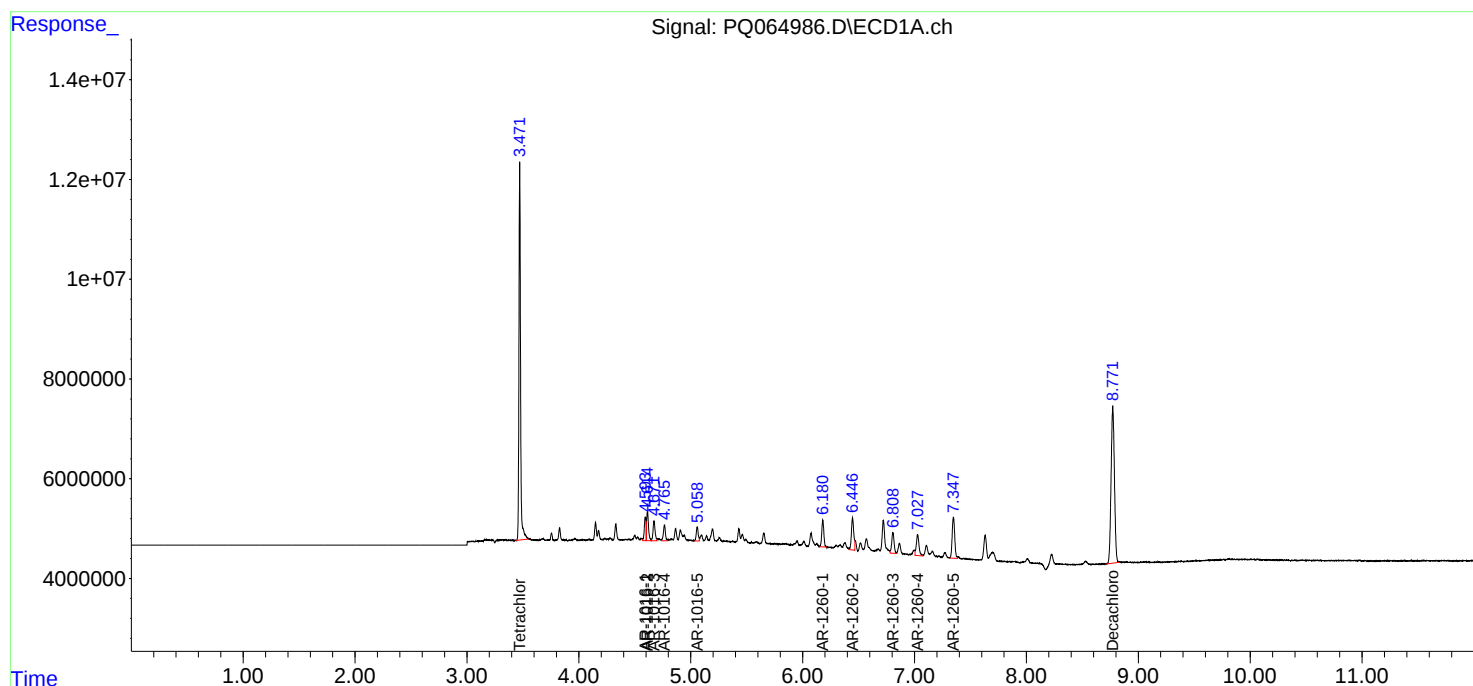
Instrument :
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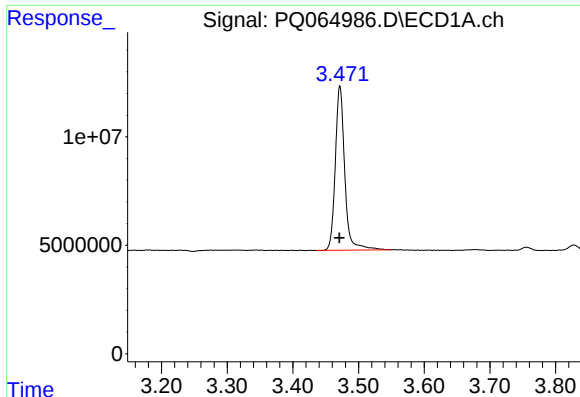
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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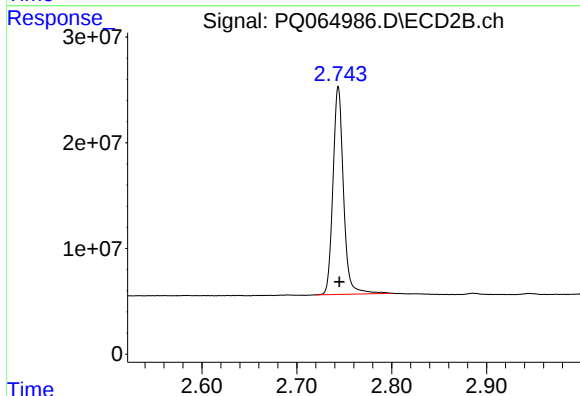
#1 Tetrachloro-m-xylene

R.T.: 3.472 min
Delta R.T.: 0.000 min
Response: 75945499
Conc: 20.39 ng/ml

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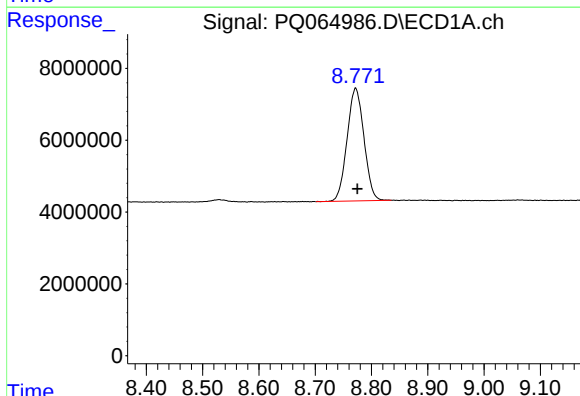
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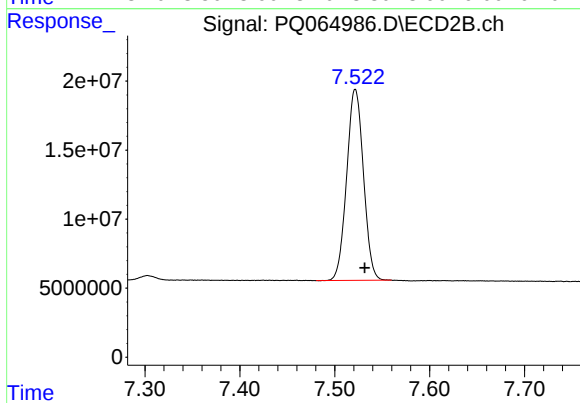
#1 Tetrachloro-m-xylene

R.T.: 2.744 min
Delta R.T.: -0.001 min
Response: 151813007
Conc: 22.73 ng/ml



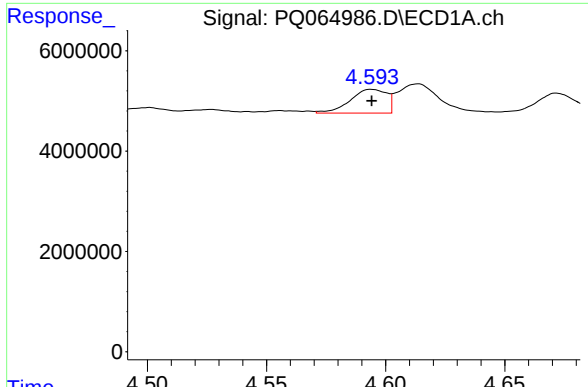
#2 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.003 min
Response: 65485395
Conc: 21.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.522 min
Delta R.T.: -0.010 min
Response: 170324572
Conc: 23.44 ng/ml



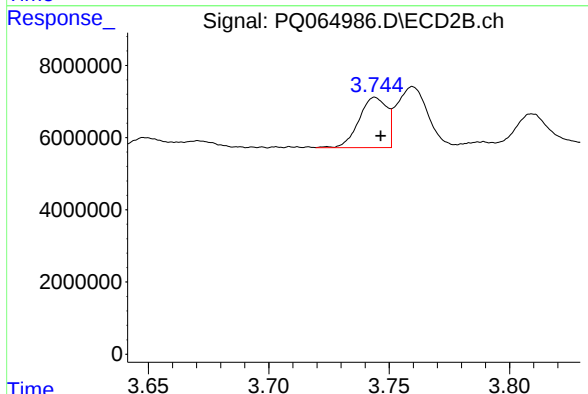
#3 AR-1016-1

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 5043818
Conc: 41.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

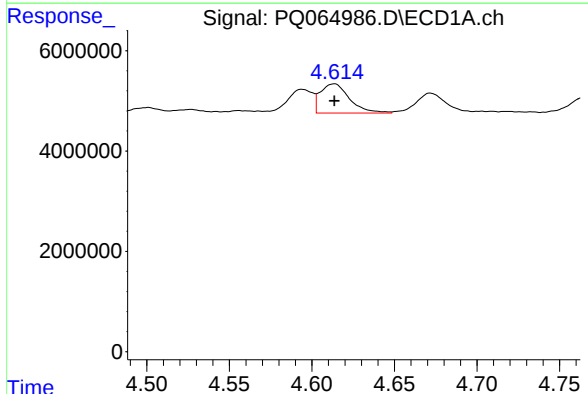
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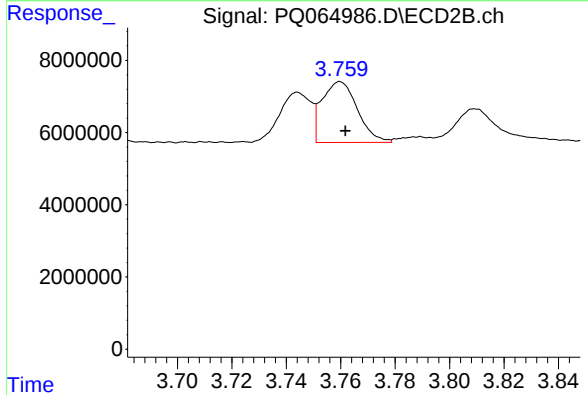
#3 AR-1016-1

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 11198144
Conc: 44.84 ng/ml



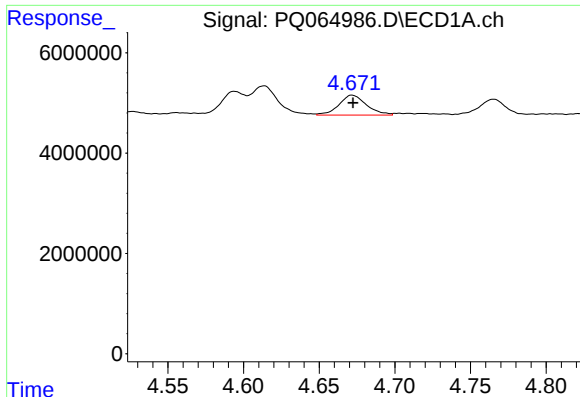
#4 AR-1016-2

R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 7175734
Conc: 41.70 ng/ml



#4 AR-1016-2

R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 15258011
Conc: 44.34 ng/ml



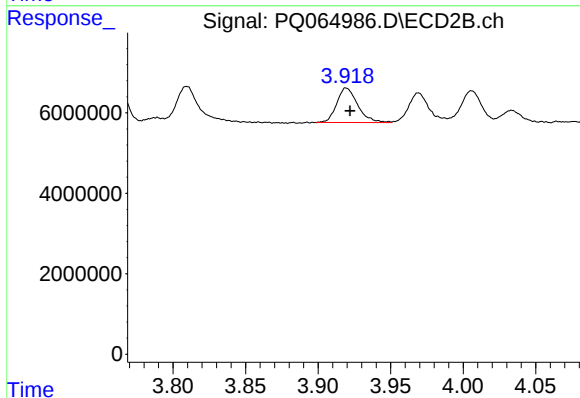
#5 AR-1016-3

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 5054120
Conc: 46.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

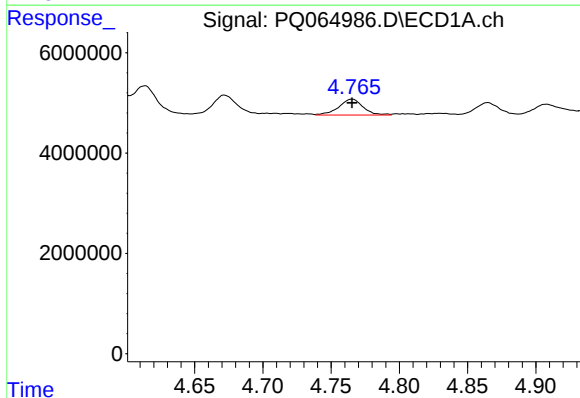
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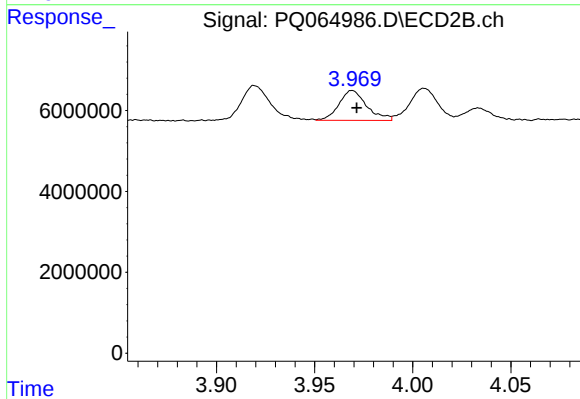
#5 AR-1016-3

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 8662586
Conc: 45.25 ng/ml



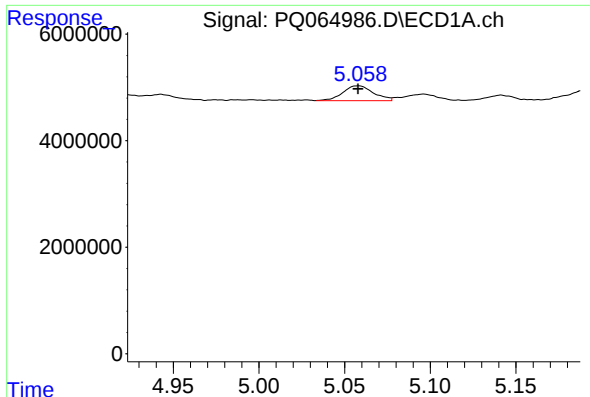
#6 AR-1016-4

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 3959060
Conc: 43.19 ng/ml



#6 AR-1016-4

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 7255900
Conc: 45.11 ng/ml



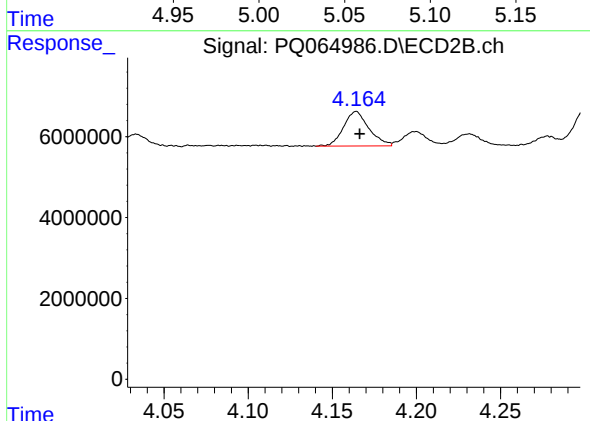
#7 AR-1016-5

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 3455563
Conc: 39.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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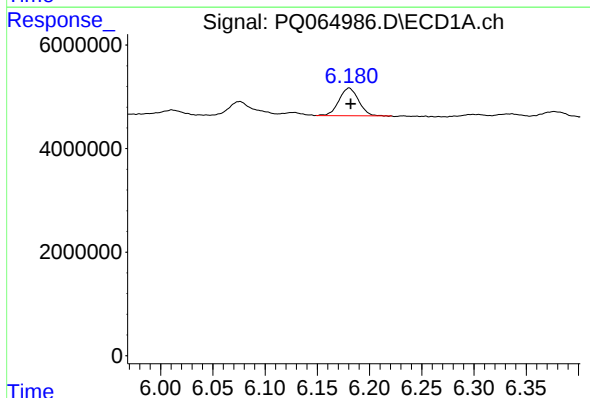
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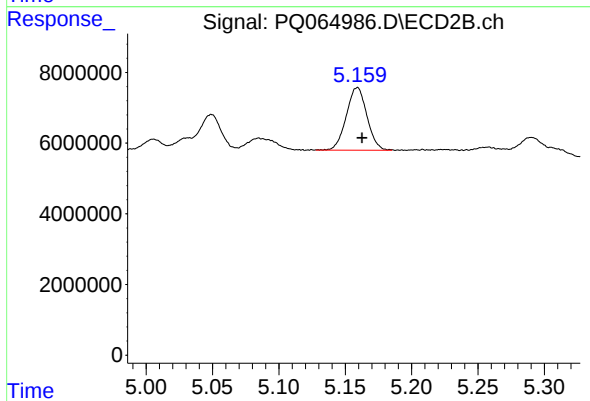
#7 AR-1016-5

R.T.: 4.164 min
Delta R.T.: -0.002 min
Response: 8956274
Conc: 45.10 ng/ml



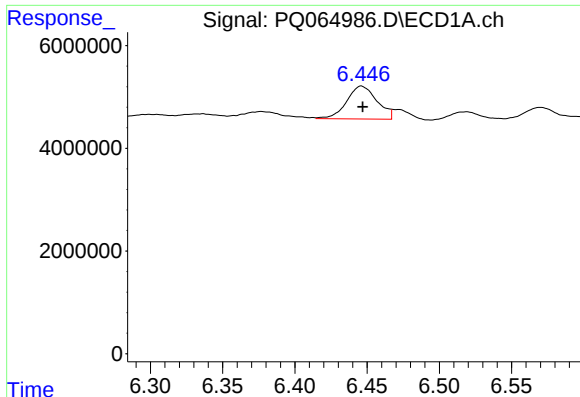
#31 AR-1260-1

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 6954549
Conc: 39.49 ng/ml



#31 AR-1260-1

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 19168877
Conc: 47.63 ng/ml m



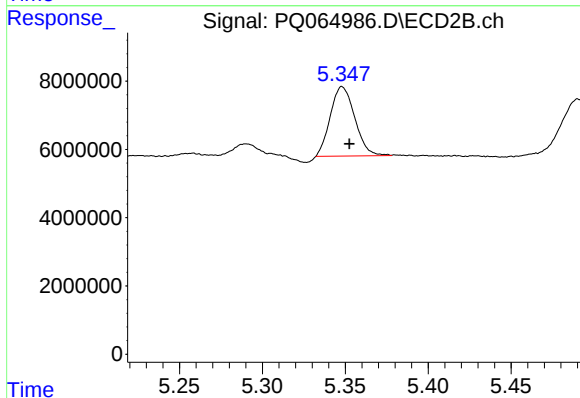
#32 AR-1260-2

R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 9439656
Conc: 41.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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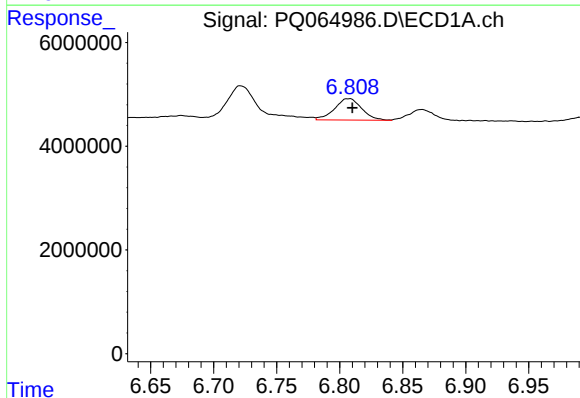
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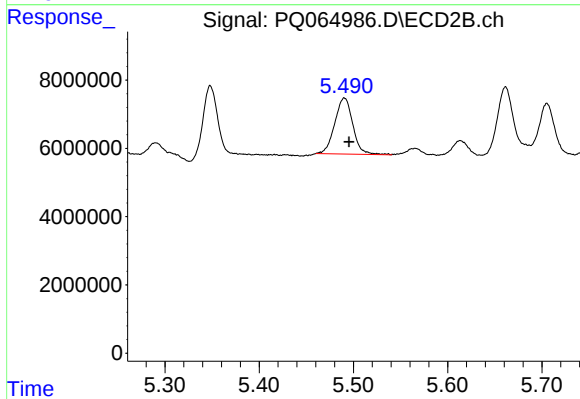
#32 AR-1260-2

R.T.: 5.347 min
Delta R.T.: -0.005 min
Response: 20910998
Conc: 42.76 ng/ml m



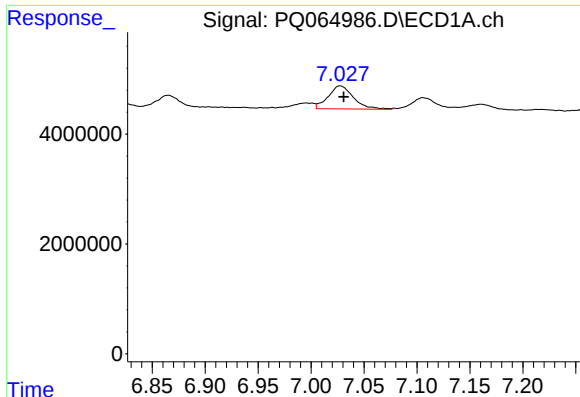
#33 AR-1260-3

R.T.: 6.807 min
Delta R.T.: -0.003 min
Response: 6159119
Conc: 38.36 ng/ml



#33 AR-1260-3

R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 21790652
Conc: 45.56 ng/ml



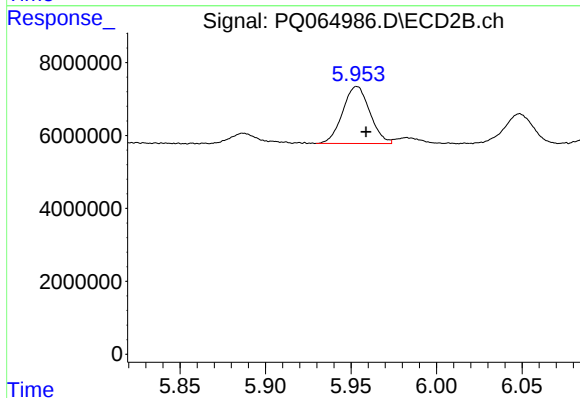
#34 AR-1260-4

R.T.: 7.027 min
Delta R.T.: -0.003 min
Response: 6954430
Conc: 39.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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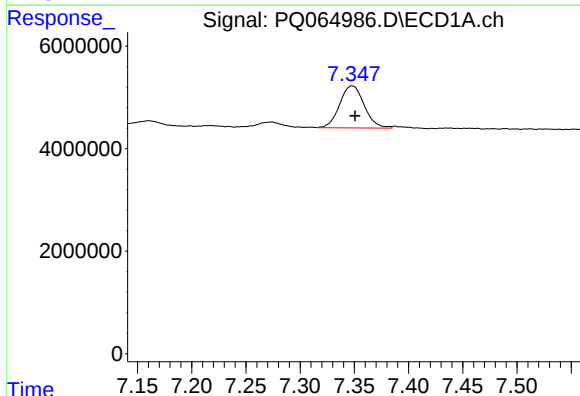
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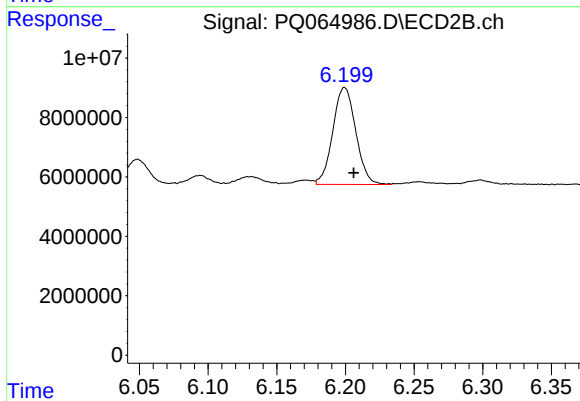
#34 AR-1260-4

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 17297753
Conc: 44.45 ng/ml



#35 AR-1260-5

R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 12895609
Conc: 35.13 ng/ml



#35 AR-1260-5

R.T.: 6.199 min
Delta R.T.: -0.007 min
Response: 37978361
Conc: 43.52 ng/ml