

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062525\
 Data File : PQ070423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 23:13
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 07:34:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 25 02:08:47 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...	3.404	2.782	110.1E6	119.3E6	17.978	17.672
2)	SA Decachlor...	8.500	7.542	85785198	150.9E6	20.839	20.814
Target Compounds							
3)	L1 AR-1016-1	4.484	3.783	4981314	4841314	26.539	23.311
4)	L1 AR-1016-2	4.502	3.799	8037266	7473741	25.954	22.096
5)	L1 AR-1016-3	4.560	3.961	5975405	7013412	29.699	37.374 #
6)	L1 AR-1016-4	4.650	4.007	3398410	5013044	21.470	28.576 #
7)	L1 AR-1016-5	4.935	4.203	3149132	3905253	19.363	19.349
31)	L7 AR-1260-1	6.024	5.196	7295971	8187570	25.249	21.434
32)	L7 AR-1260-2	6.280	5.385	7805407	11664613	24.485	26.625
33)	L7 AR-1260-3	6.631	5.526	5297049	9711135	20.398	22.508m
34)	L7 AR-1260-4	6.845	5.986	5825718	8547802	21.381	23.293m
35)	L7 AR-1260-5	7.150	6.230	12118717	17344462	24.325	20.868m

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

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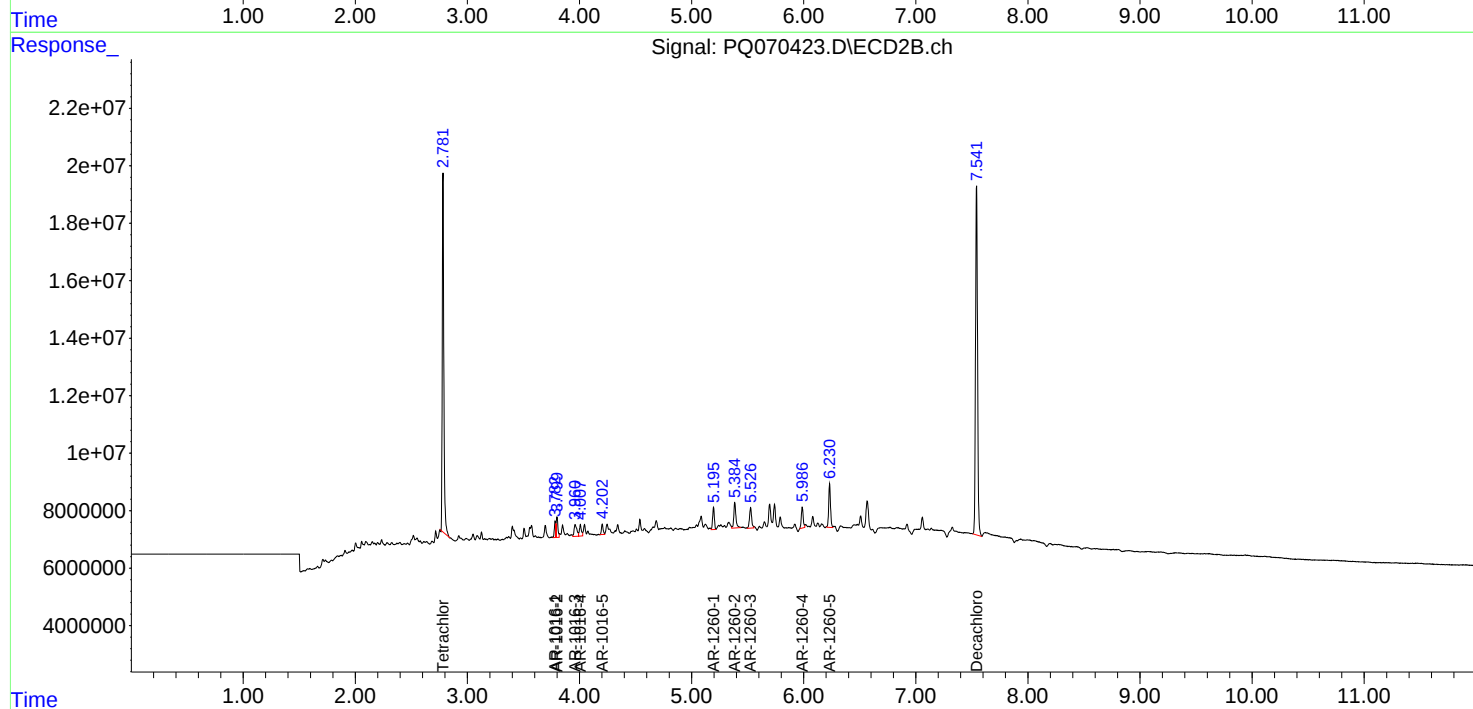
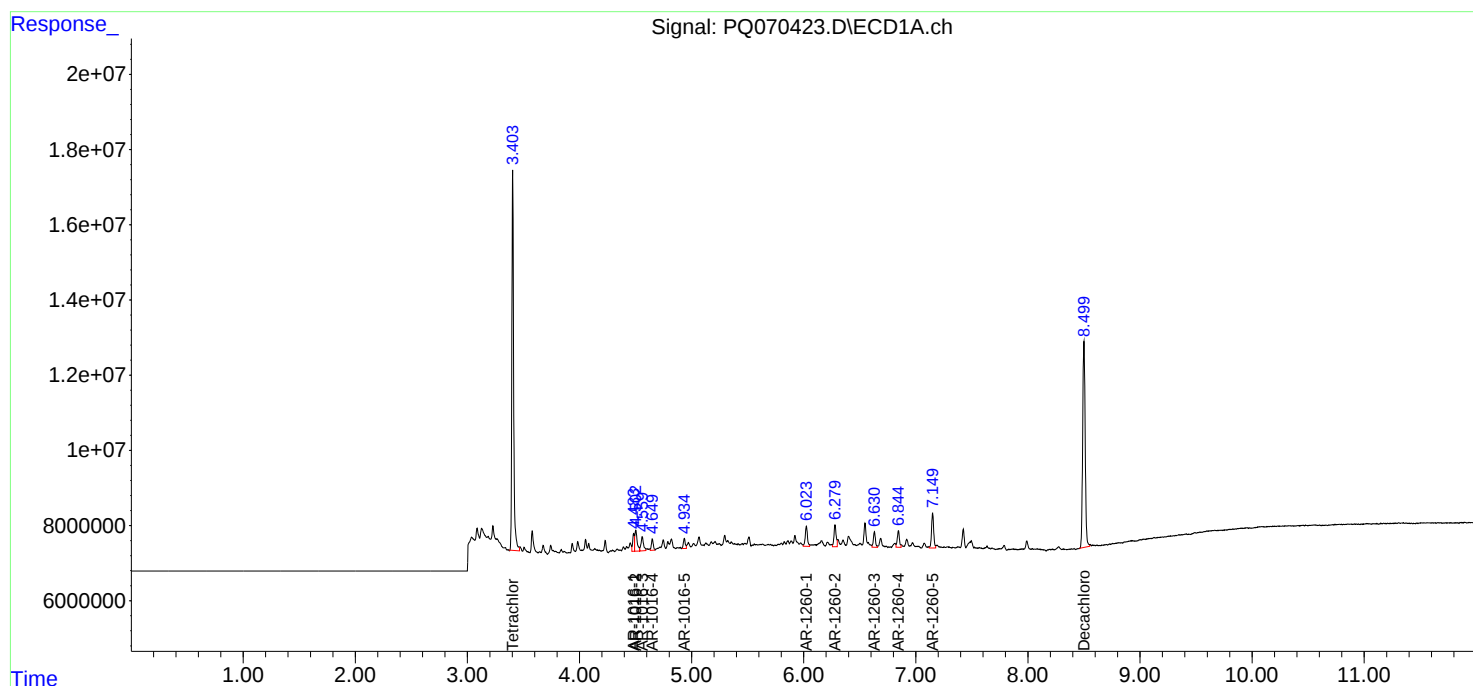
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

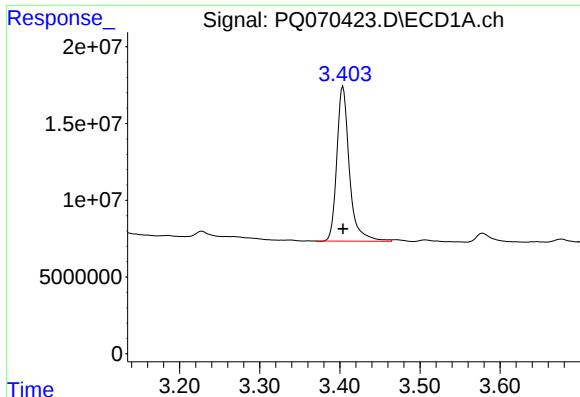
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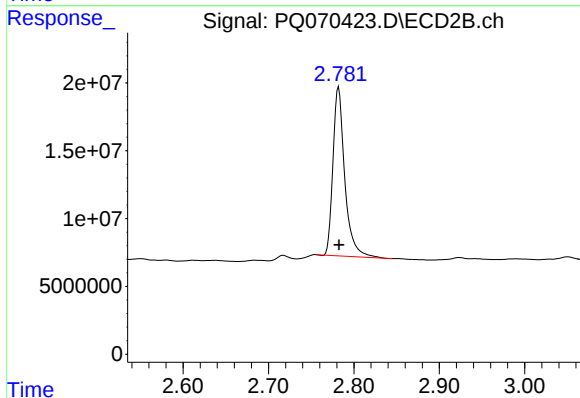
#1 Tetrachloro-m-xylene

R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 110055996
Conc: 17.98 ng/ml

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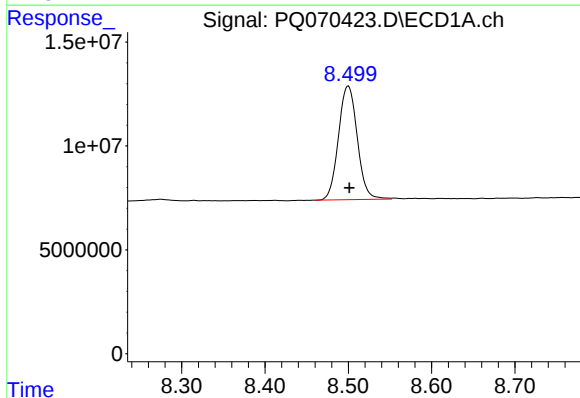
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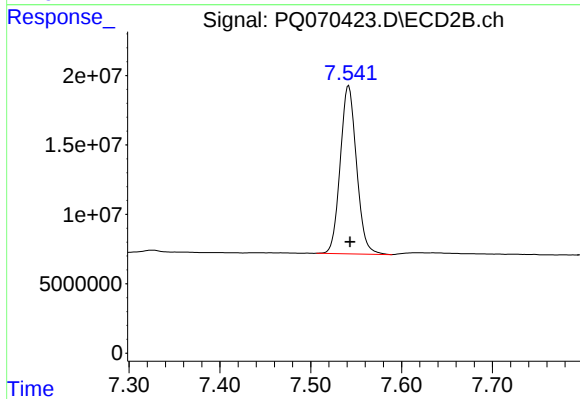
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 119340897
Conc: 17.67 ng/ml



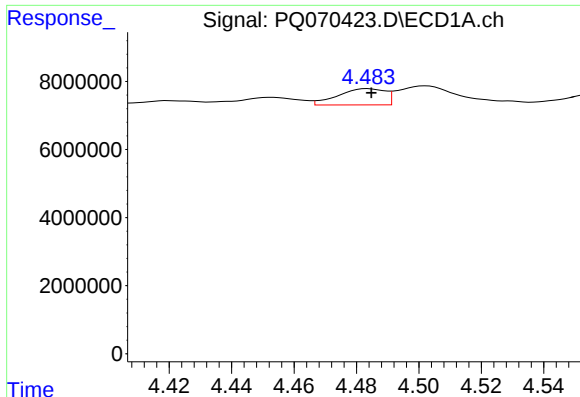
#2 Decachlorobiphenyl

R.T.: 8.500 min
Delta R.T.: -0.001 min
Response: 85785198
Conc: 20.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 150894224
Conc: 20.81 ng/ml



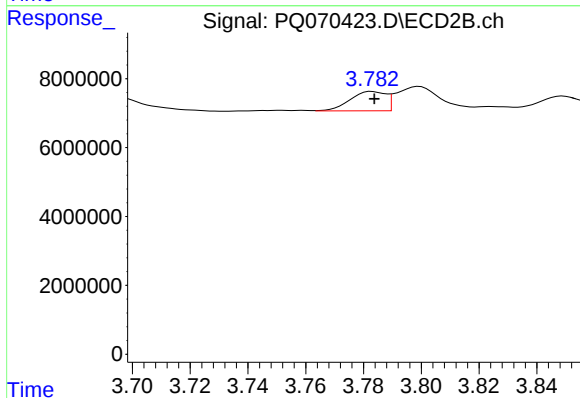
#3 AR-1016-1

R.T.: 4.484 min
Delta R.T.: -0.001 min
Response: 4981314
Conc: 26.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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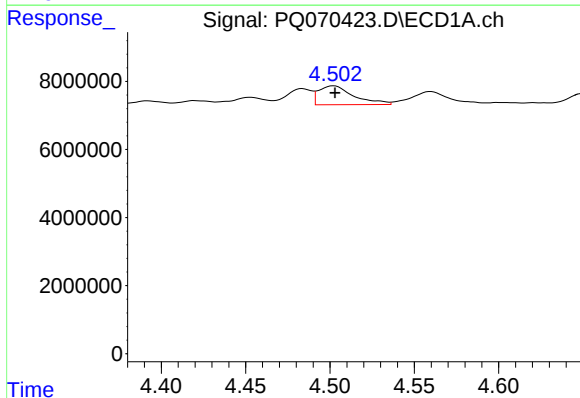
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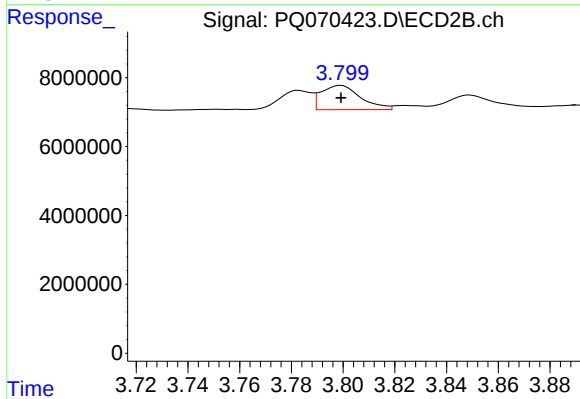
#3 AR-1016-1

R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 4841314
Conc: 23.31 ng/ml



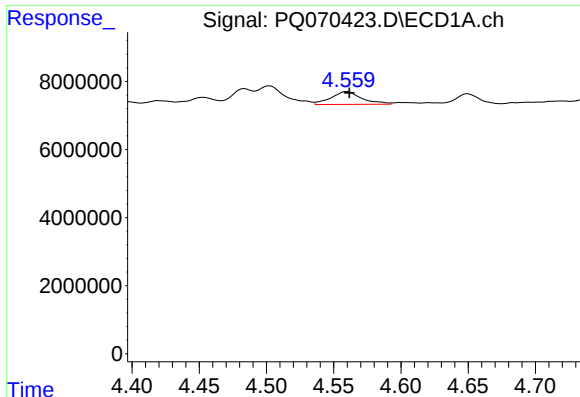
#4 AR-1016-2

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 8037266
Conc: 25.95 ng/ml



#4 AR-1016-2

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 7473741
Conc: 22.10 ng/ml



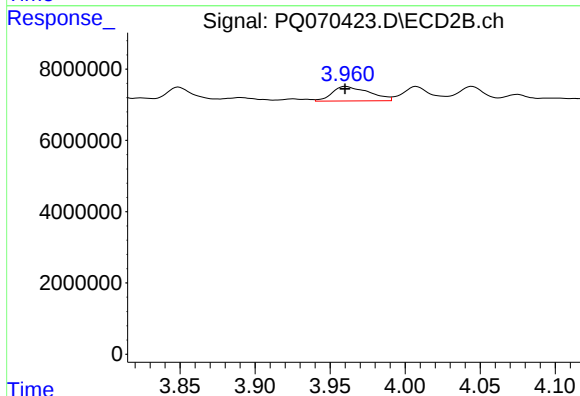
#5 AR-1016-3

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 5975405
Conc: 29.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

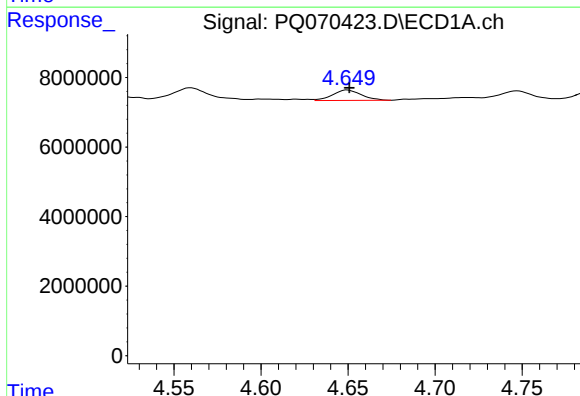
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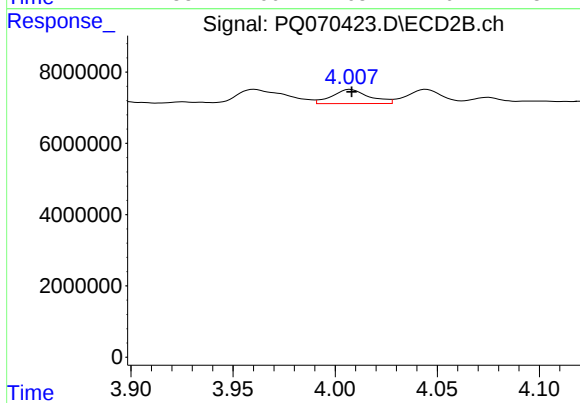
#5 AR-1016-3

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 7013412
Conc: 37.37 ng/ml



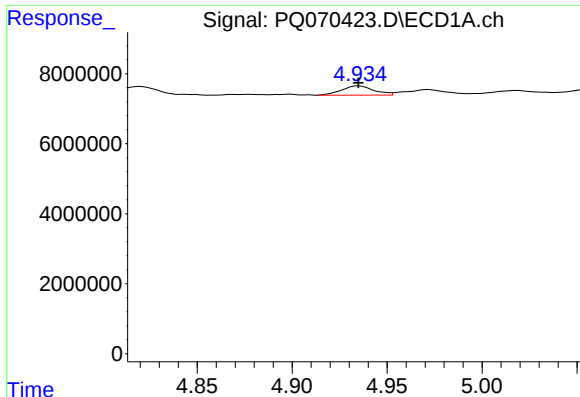
#6 AR-1016-4

R.T.: 4.650 min
Delta R.T.: -0.001 min
Response: 3398410
Conc: 21.47 ng/ml



#6 AR-1016-4

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 5013044
Conc: 28.58 ng/ml



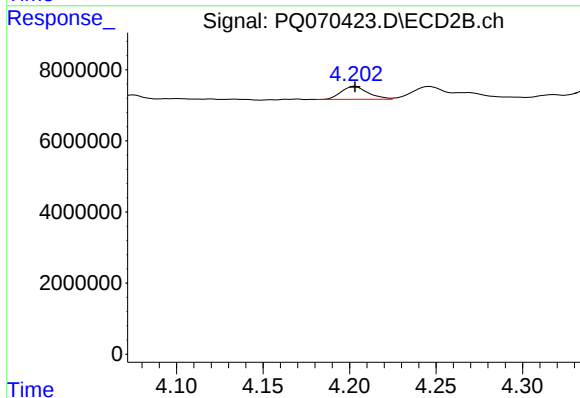
#7 AR-1016-5

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 3149132
Conc: 19.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

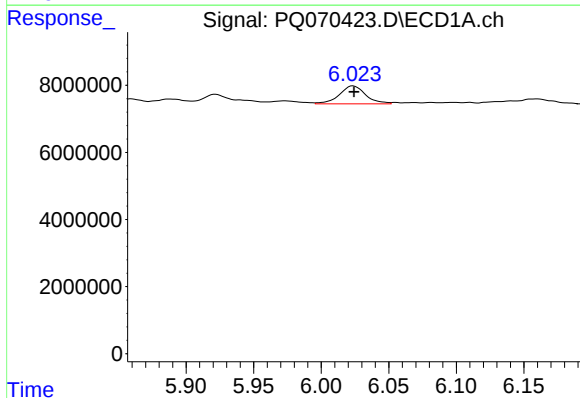
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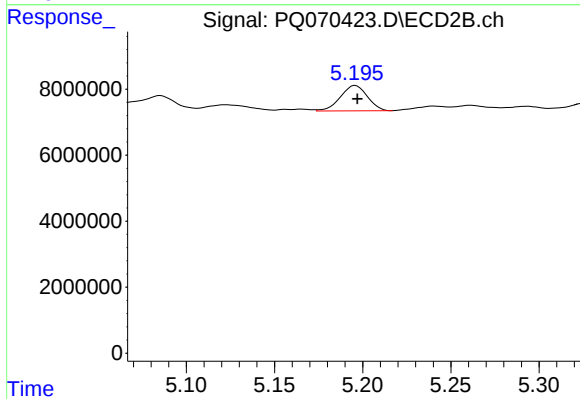
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 3905253
Conc: 19.35 ng/ml



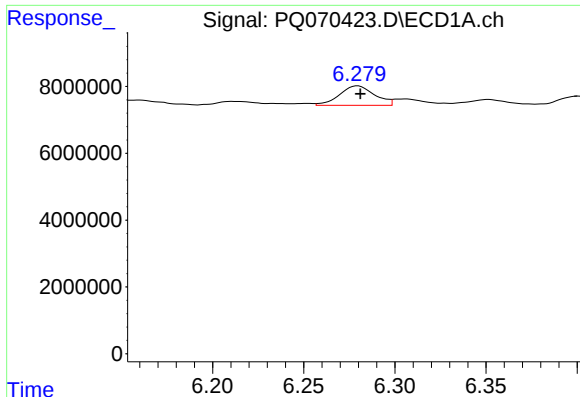
#31 AR-1260-1

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 7295971
Conc: 25.25 ng/ml



#31 AR-1260-1

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 8187570
Conc: 21.43 ng/ml



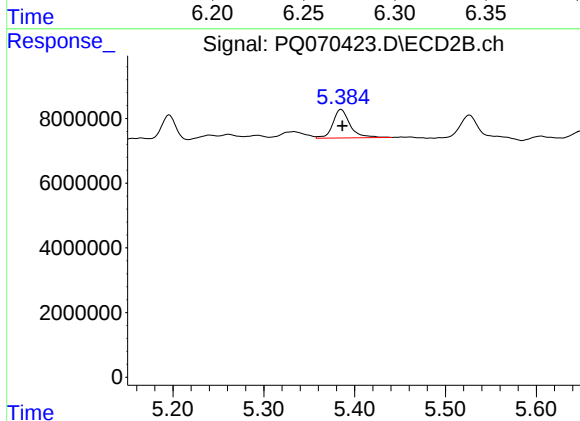
#32 AR-1260-2

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 7805407
Conc: 24.48 ng/ml

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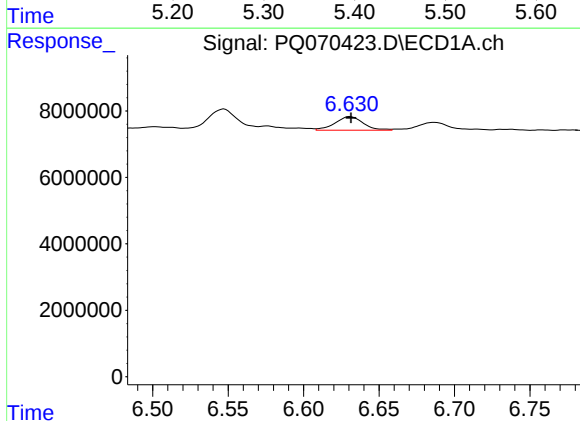
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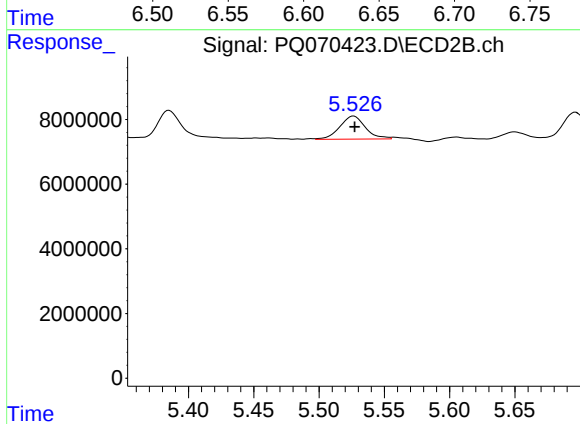
#32 AR-1260-2

R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 11664613
Conc: 26.62 ng/ml



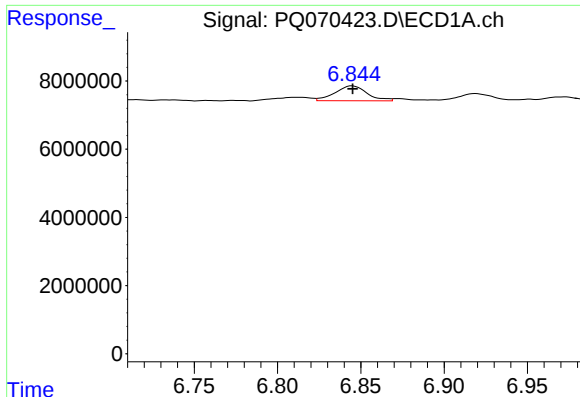
#33 AR-1260-3

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 5297049
Conc: 20.40 ng/ml



#33 AR-1260-3

R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 9711135
Conc: 22.51 ng/ml m



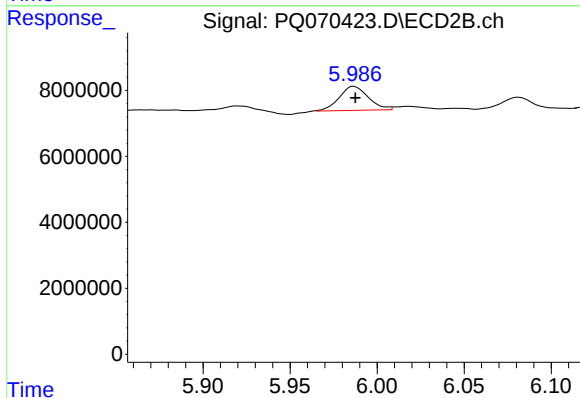
#34 AR-1260-4

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 5825718
Conc: 21.38 ng/ml

Instrument :
ECD_Q
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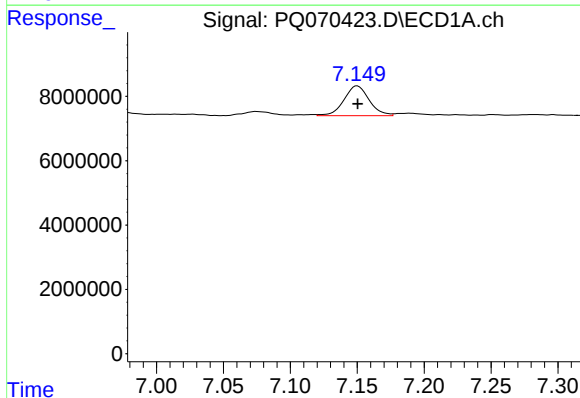
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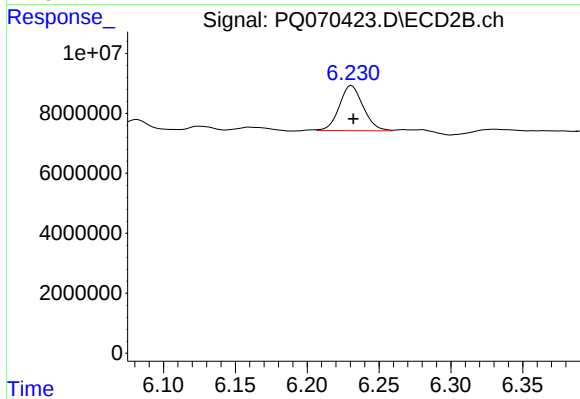
#34 AR-1260-4

R.T.: 5.986 min
Delta R.T.: -0.002 min
Response: 8547802
Conc: 23.29 ng/ml m



#35 AR-1260-5

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 12118717
Conc: 24.32 ng/ml



#35 AR-1260-5

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 17344462
Conc: 20.87 ng/ml m