

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091025\
 Data File : PQ070805.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 13:29
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : AR1660 SOIL LOD 25PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-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 03:42:37 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...	3.402	2.778	92147694	107.1E6	17.204	16.706
2)	SA Decachlor...	8.498	7.535	73210429	128.9E6	18.987	18.271
Target Compounds							
3)	L1 AR-1016-1	4.483	3.778	2698462	4525718	16.277	21.104 #
4)	L1 AR-1016-2	4.501	3.794	5295794	6643544	19.853	20.434
5)	L1 AR-1016-3	4.558	3.954	3464262	3913682	20.922	21.536
6)	L1 AR-1016-4	4.648	4.003	3015466	3350068	22.274	21.137
7)	L1 AR-1016-5	4.933	4.198	2783149	3705239	20.812	19.882
31)	L7 AR-1260-1	6.022	5.190	5233034	7490721	21.368	20.987
32)	L7 AR-1260-2	6.278	5.380	6226499	9106156	20.781	21.407
33)	L7 AR-1260-3	6.629	5.521	4693381	7902372	21.913	19.536m
34)	L7 AR-1260-4	6.843	5.981	5086125	7502502	21.392	21.193
35)	L7 AR-1260-5	7.149	6.225	9843844	17204314	20.603	20.956

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

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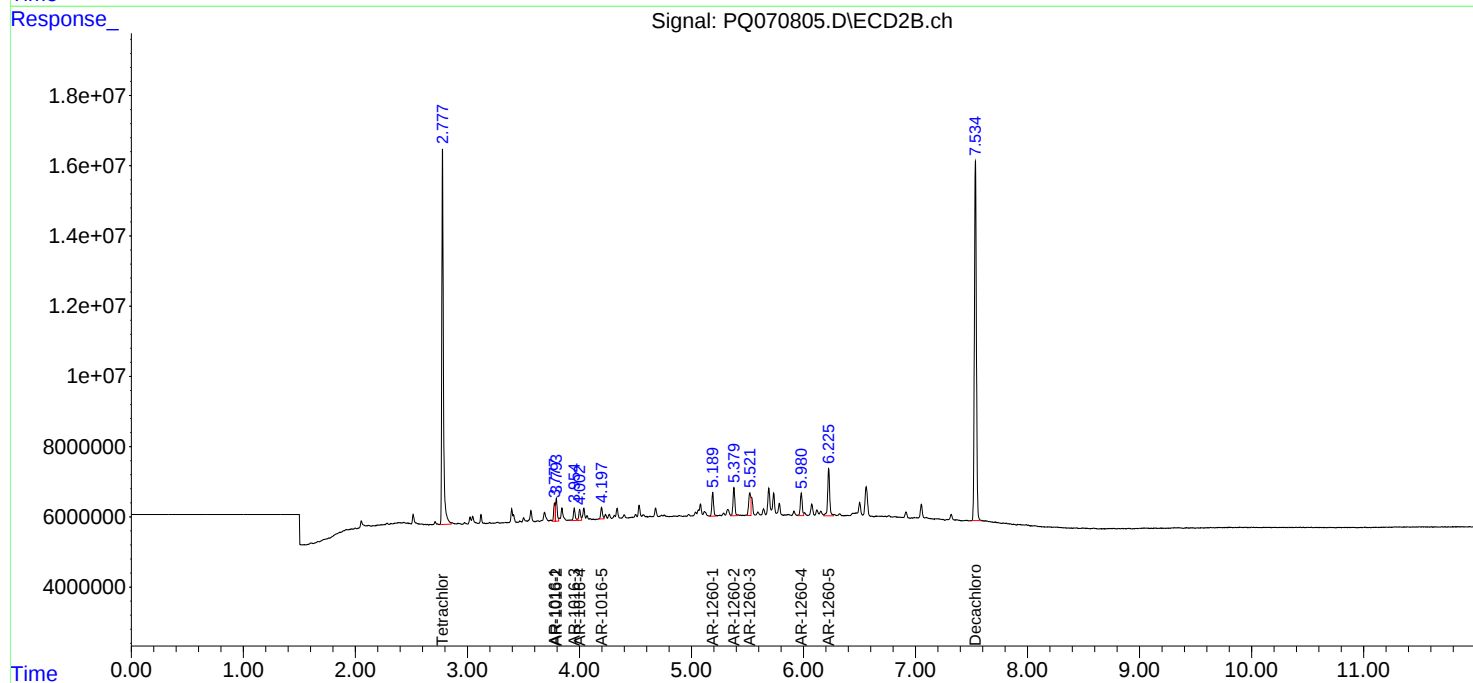
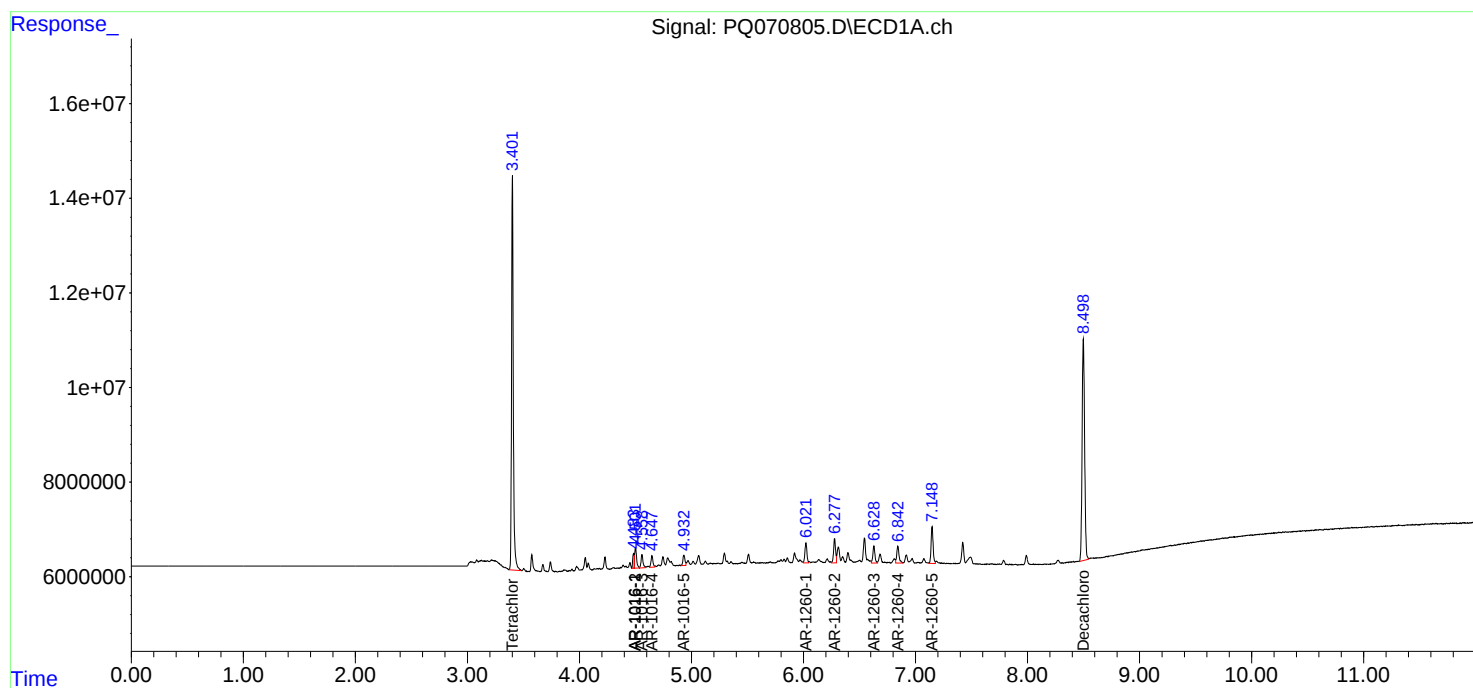
Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

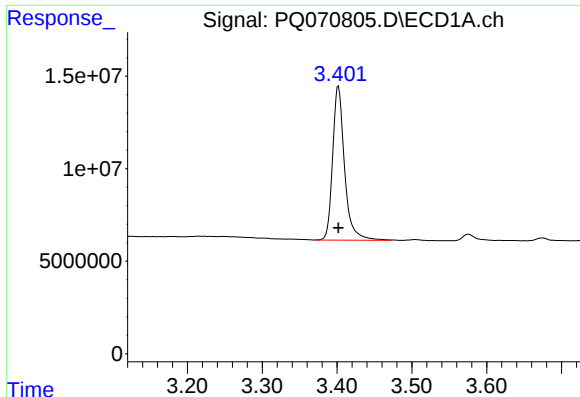
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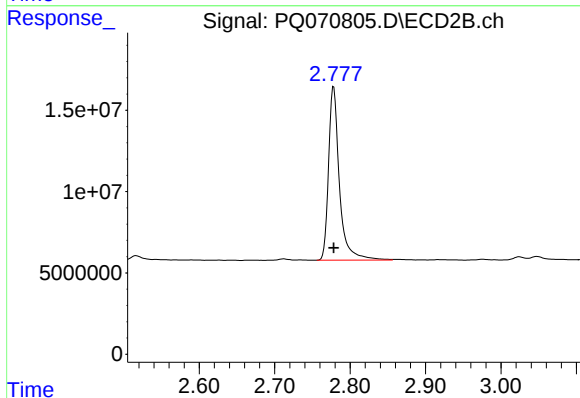
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 92147694
Conc: 17.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

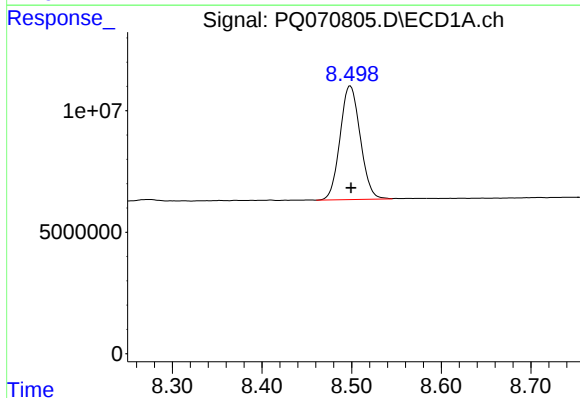
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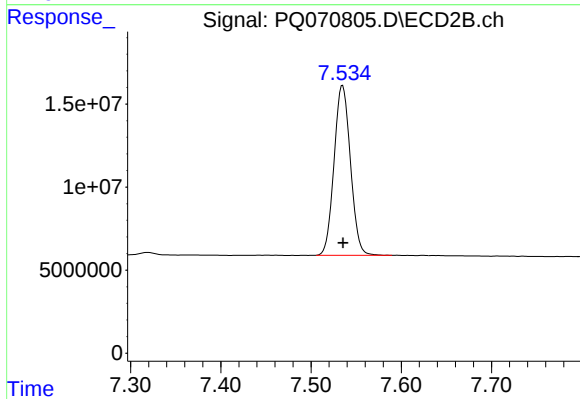
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 107125725
Conc: 16.71 ng/ml



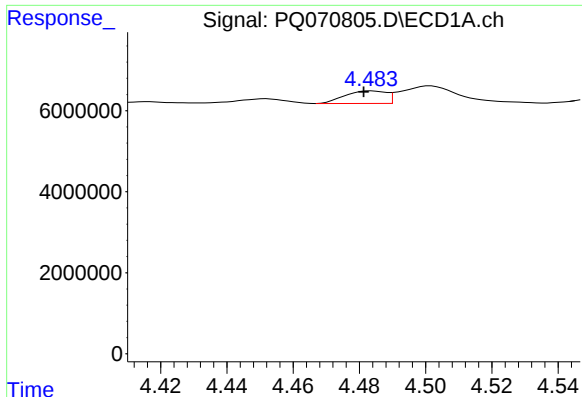
#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 73210429
Conc: 18.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 128862210
Conc: 18.27 ng/ml



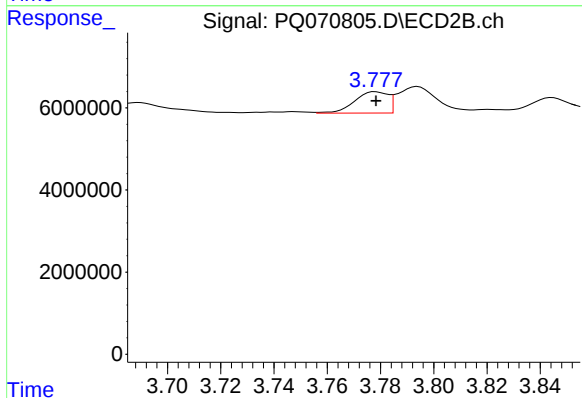
#3 AR-1016-1

R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 2698462
Conc: 16.28 ng/ml

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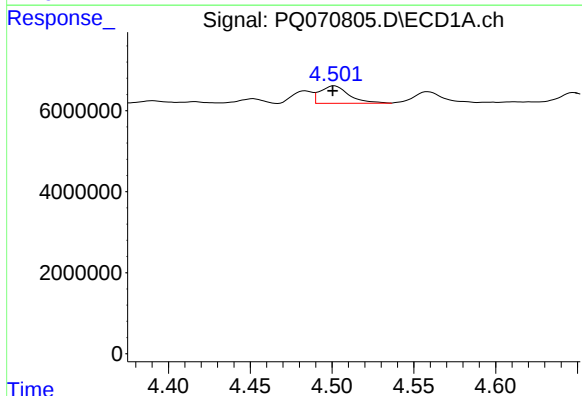
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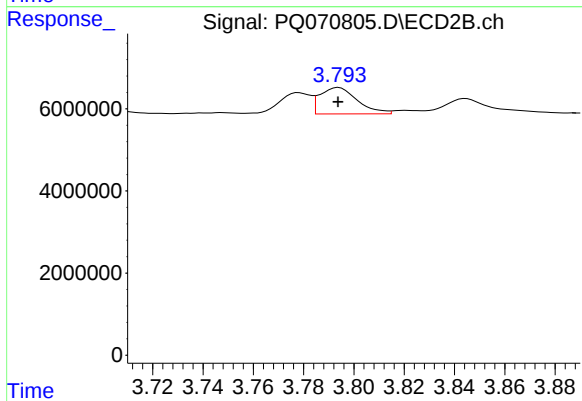
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 4525718
Conc: 21.10 ng/ml



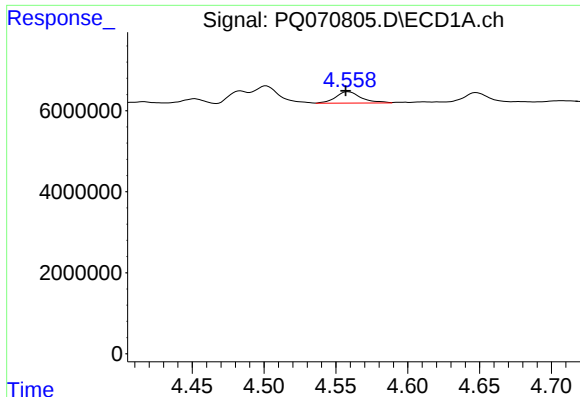
#4 AR-1016-2

R.T.: 4.501 min
Delta R.T.: 0.001 min
Response: 5295794
Conc: 19.85 ng/ml



#4 AR-1016-2

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 6643544
Conc: 20.43 ng/ml



#5 AR-1016-3

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 3464262
Conc: 20.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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ahmed
09/15/2025

#5 AR-1016-3

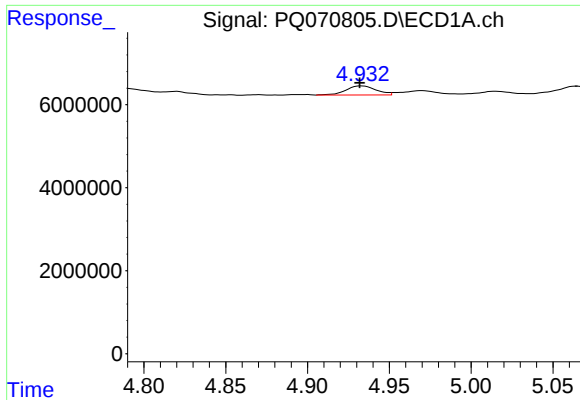
R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 3913682
Conc: 21.54 ng/ml

#6 AR-1016-4

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 3015466
Conc: 22.27 ng/ml

#6 AR-1016-4

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 3350068
Conc: 21.14 ng/ml



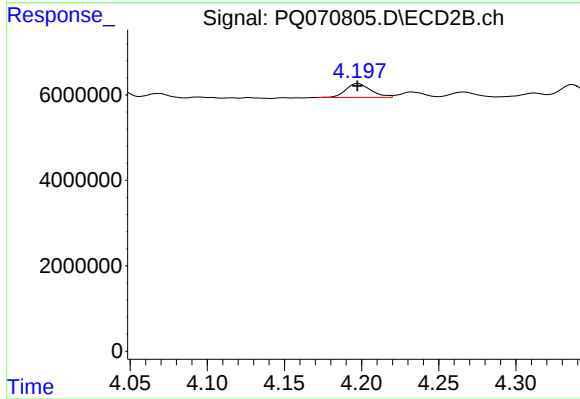
#7 AR-1016-5

R.T.: 4.933 min
Delta R.T.: 0.001 min
Response: 2783149
Conc: 20.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

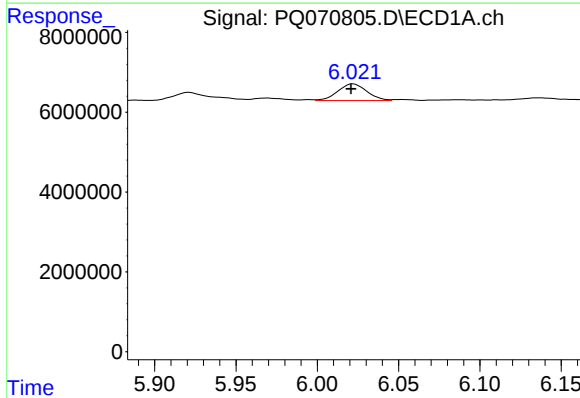
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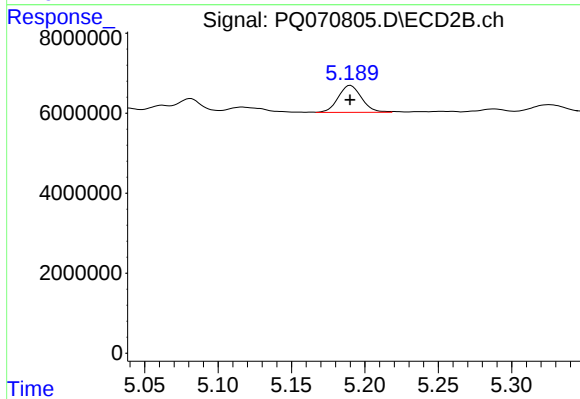
#7 AR-1016-5

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 3705239
Conc: 19.88 ng/ml



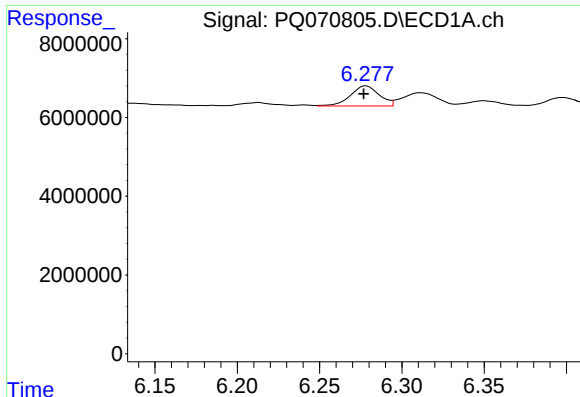
#31 AR-1260-1

R.T.: 6.022 min
Delta R.T.: 0.001 min
Response: 5233034
Conc: 21.37 ng/ml



#31 AR-1260-1

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 7490721
Conc: 20.99 ng/ml



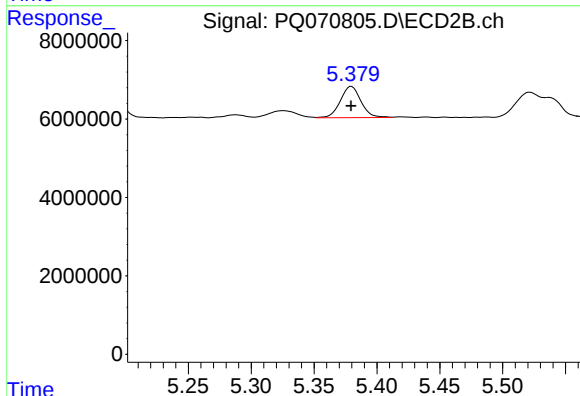
#32 AR-1260-2

R.T.: 6.278 min
Delta R.T.: 0.001 min
Response: 6226499
Conc: 20.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

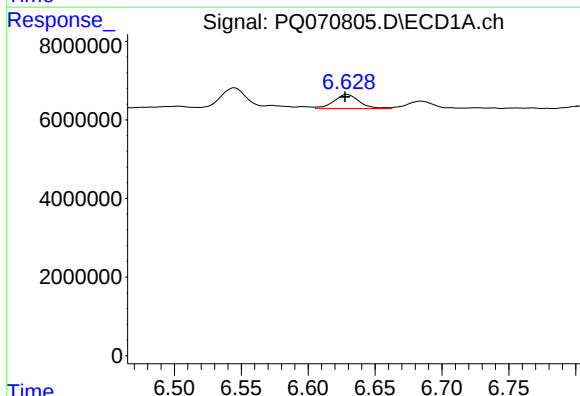
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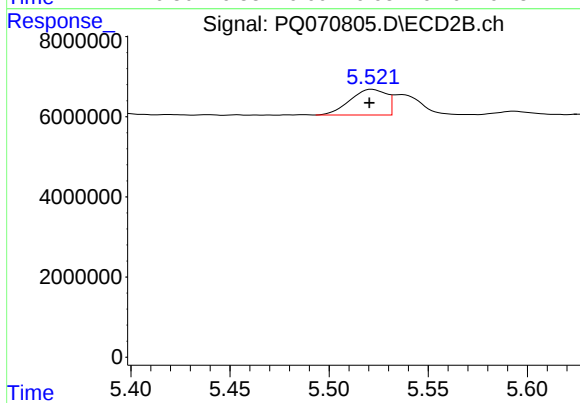
#32 AR-1260-2

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 9106156
Conc: 21.41 ng/ml



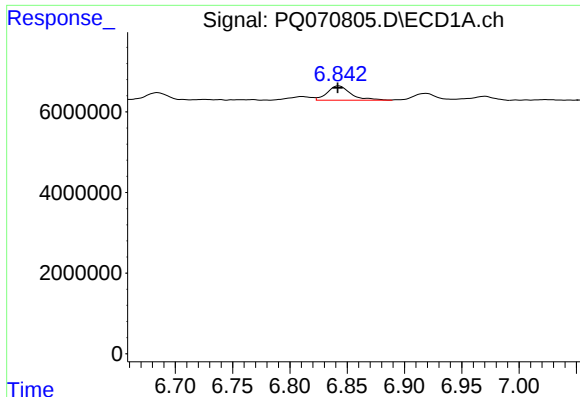
#33 AR-1260-3

R.T.: 6.629 min
Delta R.T.: 0.002 min
Response: 4693381
Conc: 21.91 ng/ml



#33 AR-1260-3

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 7902372
Conc: 19.54 ng/ml m



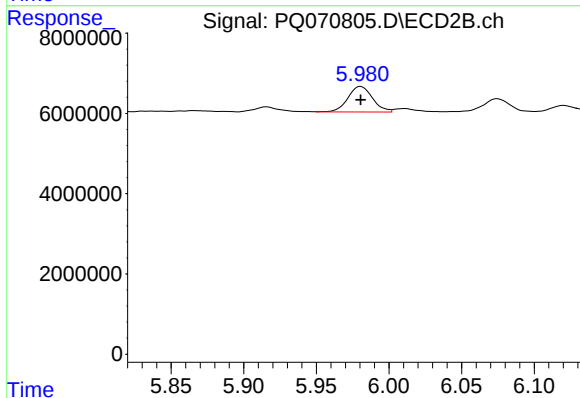
#34 AR-1260-4

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 5086125
Conc: 21.39 ng/ml

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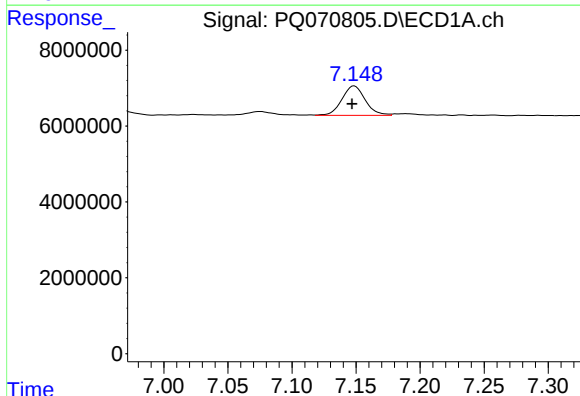
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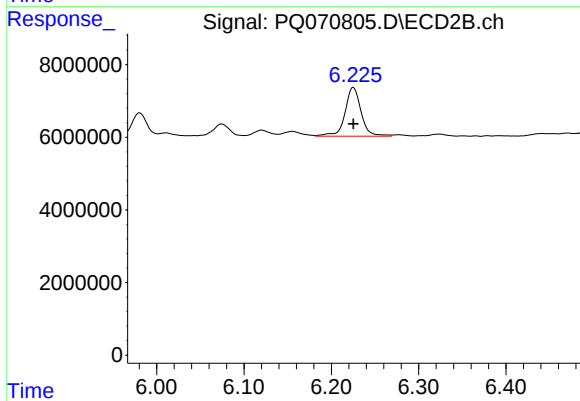
#34 AR-1260-4

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 7502502
Conc: 21.19 ng/ml



#35 AR-1260-5

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 9843844
Conc: 20.60 ng/ml



#35 AR-1260-5

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 17204314
Conc: 20.96 ng/ml