

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080924\  
 Data File : PQ067772.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2024 19:54  
 Operator : YP\AJ  
 Sample : P3531-01MS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 R061-B9MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
 Supervised By :Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 15:20:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080524.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 09 02:37:44 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...          | 3.460 | 2.827 | 106.9E6  | 108.9E6  | 18.021   | 17.165    |
| 2) SA Decachlor...          | 8.735 | 7.609 | 106.3E6  | 145.1E6  | 27.601   | 25.745    |
| Target Compounds            |       |       |          |          |          |           |
| 3) L1 AR-1016-1             | 4.574 | 3.835 | 72102464 | 79007843 | 436.222  | 448.257   |
| 4) L1 AR-1016-2             | 4.594 | 3.851 | 131.9E6  | 155.9E6  | 448.127  | 534.682   |
| 5) L1 AR-1016-3             | 4.652 | 4.013 | 81955108 | 78018140 | 429.365  | 495.585   |
| 6) L1 AR-1016-4             | 4.745 | 4.060 | 71072031 | 76453635 | 472.415  | 514.489   |
| 7) L1 AR-1016-5             | 5.035 | 4.257 | 75319573 | 86340734 | 515.307  | 504.724   |
| 26) L6 AR-1254-1            | 5.407 | 4.595 | 67670685 | 95339210 | 304.210  | 283.836   |
| 27) L6 AR-1254-2            | 5.627 | 4.742 | 68307342 | 84791518 | 211.555  | 275.525 # |
| 28) L6 AR-1254-3            | 5.988 | 5.126 | 69773212 | 75673816 | 212.934  | 169.650   |
| 29) L6 AR-1254-4            | 6.277 | 5.352 | 38922844 | 33977529 | 194.190  | 150.634   |
| 30) L6 AR-1254-5            | 6.697 | 5.758 | 196.3E6  | 232.7E6  | 780.966m | 565.734 # |
| 31) L7 AR-1260-1            | 6.156 | 5.254 | 130.1E6  | 161.5E6  | 474.741  | 475.326   |
| 32) L7 AR-1260-2            | 6.421 | 5.445 | 153.5E6  | 171.8E6  | 476.201  | 438.875   |
| 33) L7 AR-1260-3            | 6.781 | 5.586 | 129.7E6  | 170.9E6  | 566.169  | 454.823   |
| 34) L7 AR-1260-4            | 7.003 | 6.049 | 126.5E6  | 198.4E6  | 495.947m | 685.705 # |
| 35) L7 AR-1260-5            | 7.321 | 6.294 | 213.3E6  | 244.3E6  | 481.942  | 410.060   |
| 41) L9 AR-1268-1            | 7.600 | 6.572 | 330.5E6  | 356.1E6  | 564.398  | 423.151 # |
| 42) L9 AR-1268-2            | 7.679 | 6.634 | 231.7E6  | 401.8E6  | 443.612  | 524.582   |
| 43) L9 AR-1268-3            | 7.864 | 6.835 | 193.8E6  | 268.5E6  | 416.903  | 384.865   |
| 44) L9 AR-1268-4            | 8.197 | 7.124 | 76120107 | 105.2E6  | 474.114  | 447.609   |
| 45) L9 AR-1268-5            | 8.497 | 7.392 | 451.5E6  | 613.4E6  | 364.236  | 319.896   |
| -----                       |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080924\  
Data File : PQ067772.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2024 19:54  
Operator : YP\AJ  
Sample : P3531-01MS  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

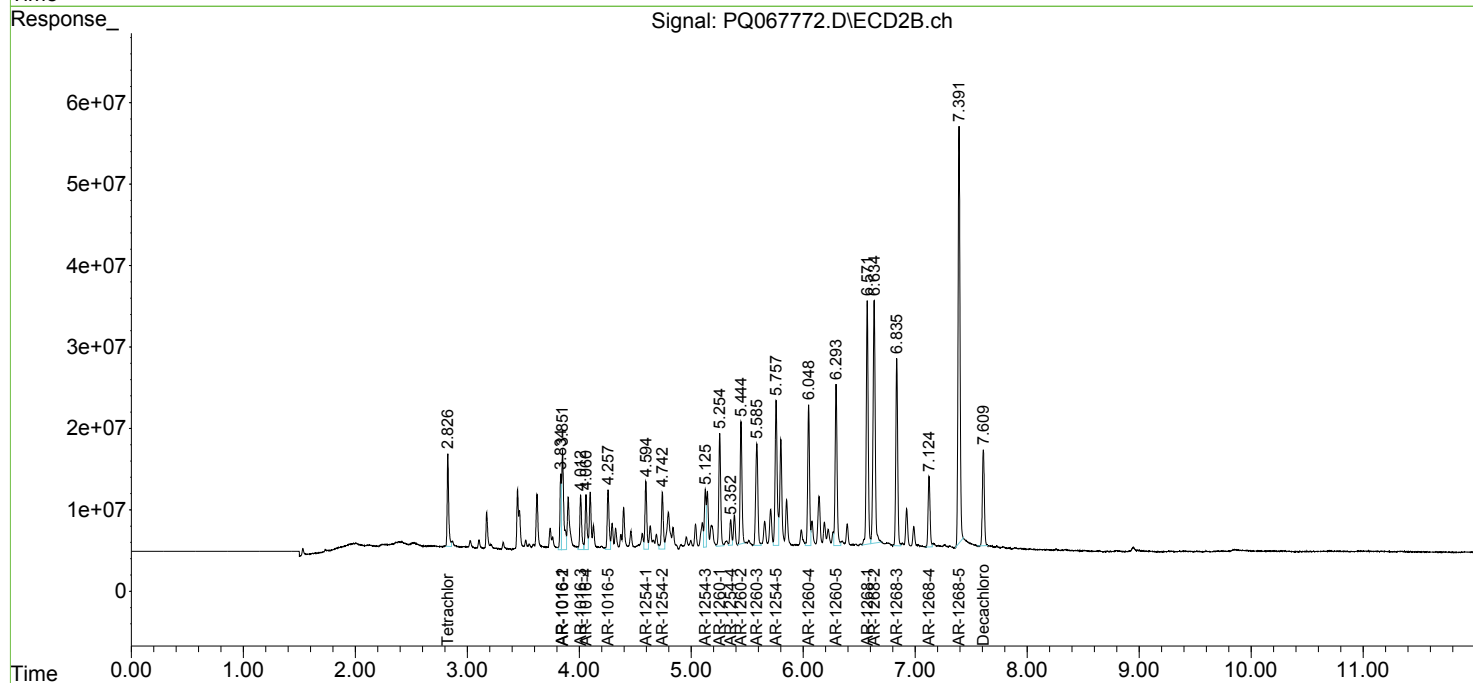
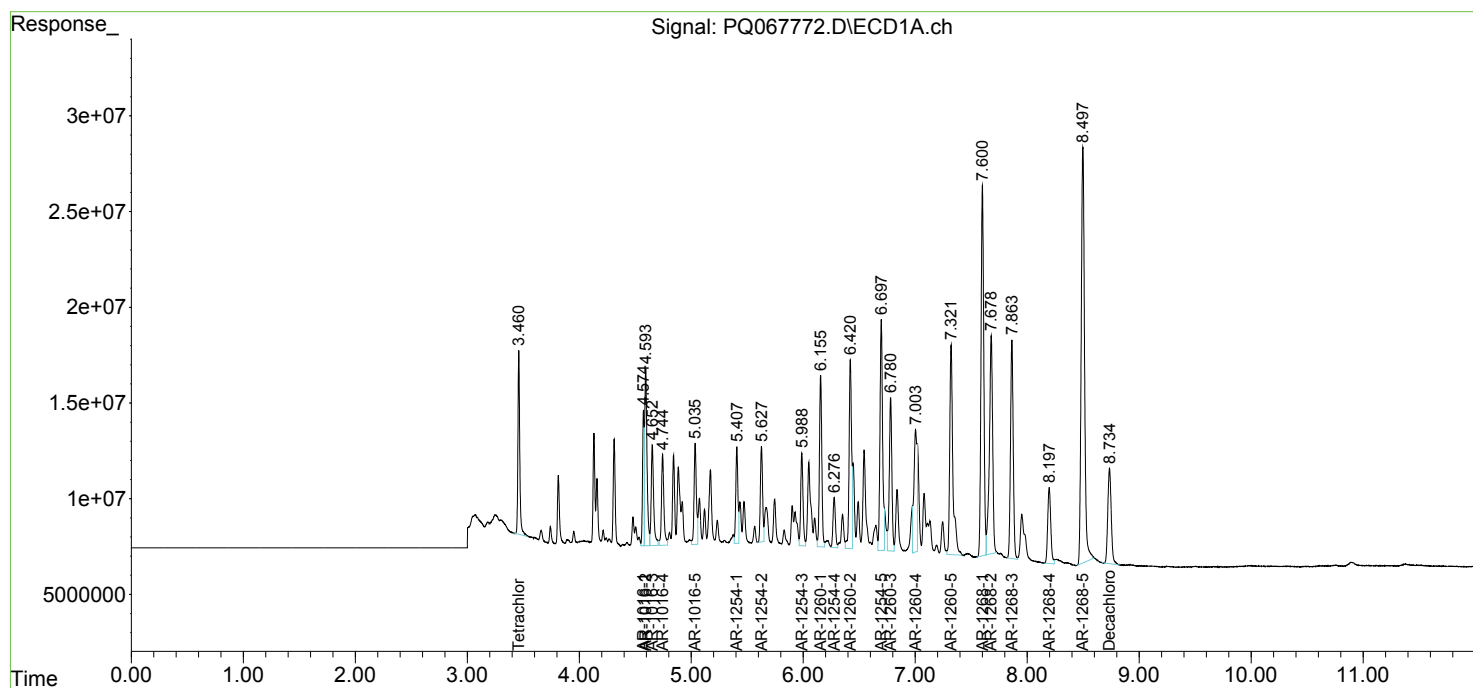
Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

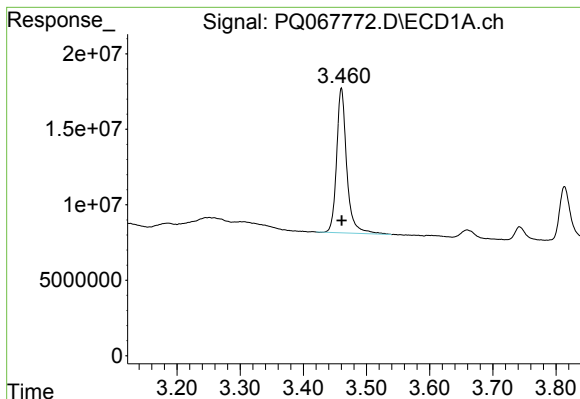
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 15:20:16 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080524.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 09 02:37:44 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





#1 Tetrachloro-m-xylene

R.T.: 3.460 min  
Delta R.T.: 0.000 min  
Response: 106921335  
Conc: 18.02 ng/ml

Instrument :

ECD\_Q

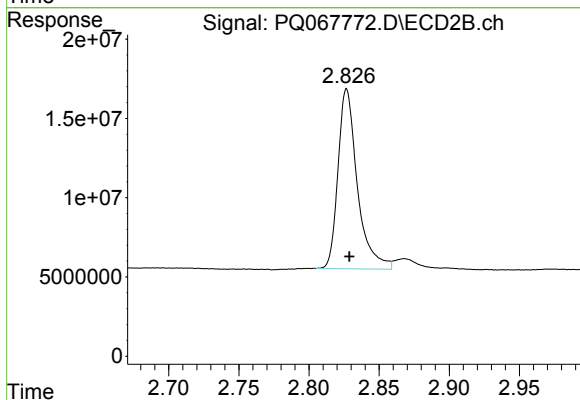
ClientSampleId :

R061-B9MS

Manual Integrations

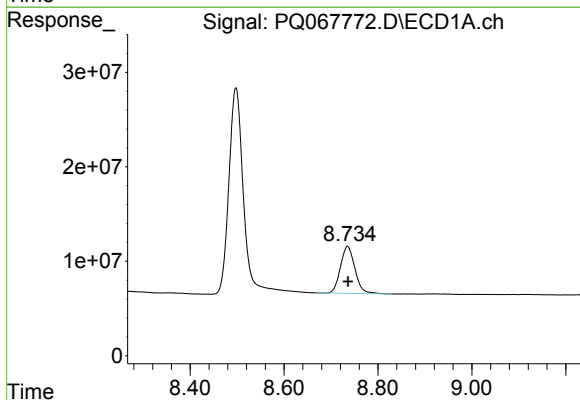
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



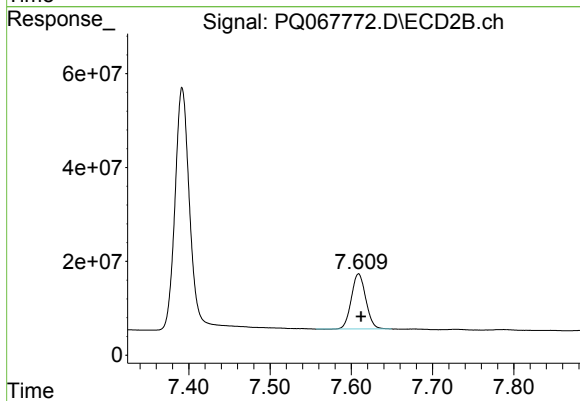
#1 Tetrachloro-m-xylene

R.T.: 2.827 min  
Delta R.T.: -0.002 min  
Response: 108860683  
Conc: 17.16 ng/ml



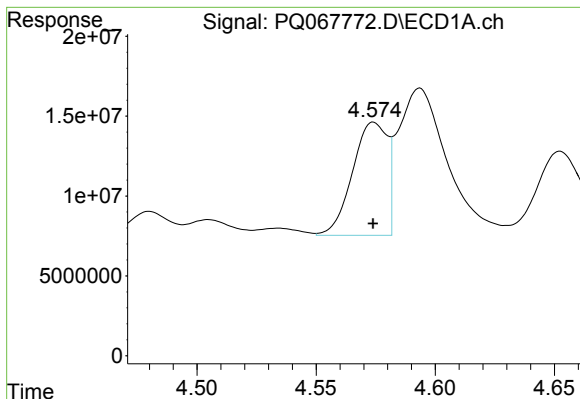
#2 Decachlorobiphenyl

R.T.: 8.735 min  
Delta R.T.: -0.001 min  
Response: 106347734  
Conc: 27.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.609 min  
Delta R.T.: -0.003 min  
Response: 145102098  
Conc: 25.75 ng/ml



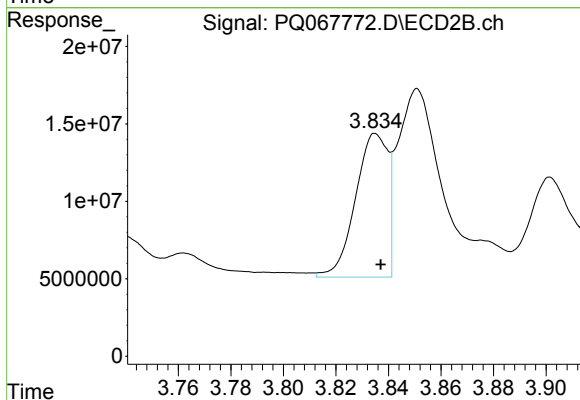
#3 AR-1016-1

R.T.: 4.574 min  
Delta R.T.: 0.000 min  
Response: 72102464  
Conc: 436.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

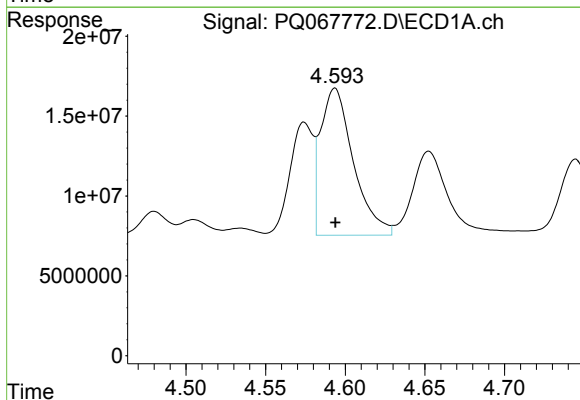
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



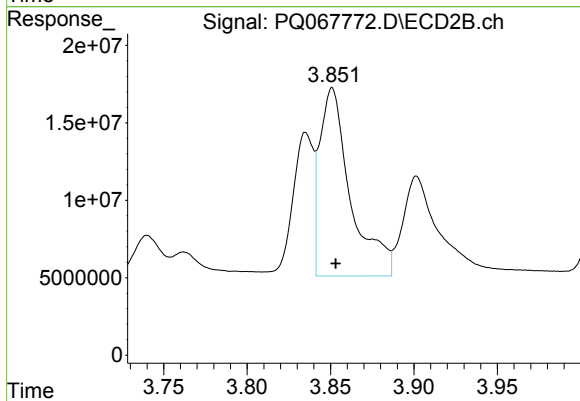
#3 AR-1016-1

R.T.: 3.835 min  
Delta R.T.: -0.002 min  
Response: 79007843  
Conc: 448.26 ng/ml



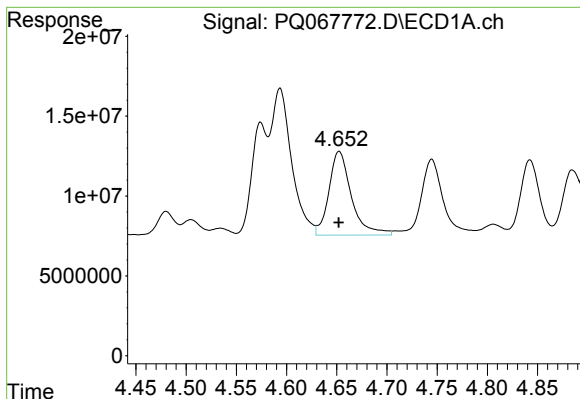
#4 AR-1016-2

R.T.: 4.594 min  
Delta R.T.: 0.000 min  
Response: 131941696  
Conc: 448.13 ng/ml



#4 AR-1016-2

R.T.: 3.851 min  
Delta R.T.: -0.002 min  
Response: 155905800  
Conc: 534.68 ng/ml



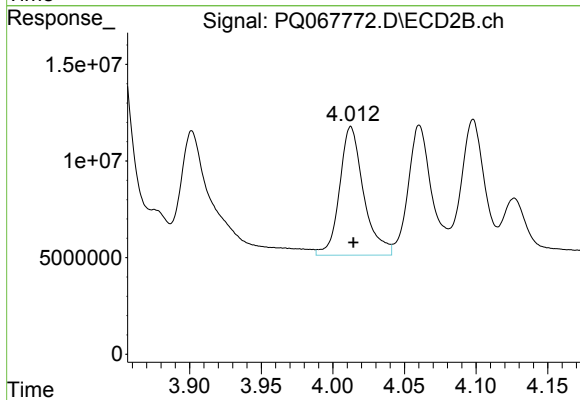
#5 AR-1016-3

R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 81955108  
Conc: 429.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

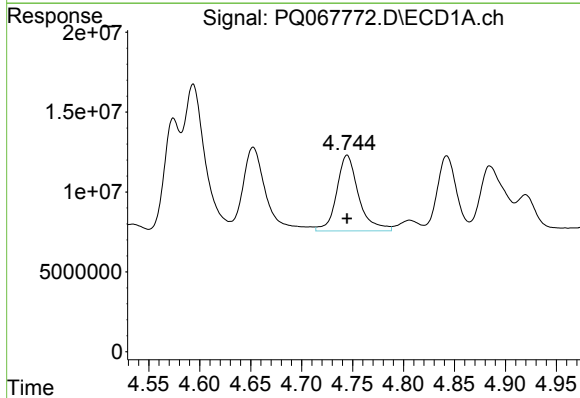
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



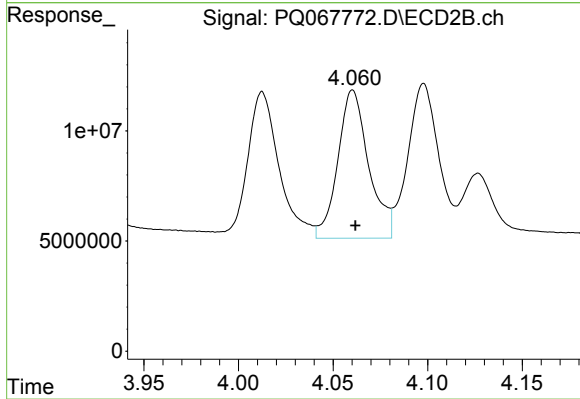
#5 AR-1016-3

R.T.: 4.013 min  
Delta R.T.: -0.002 min  
Response: 78018140  
Conc: 495.58 ng/ml



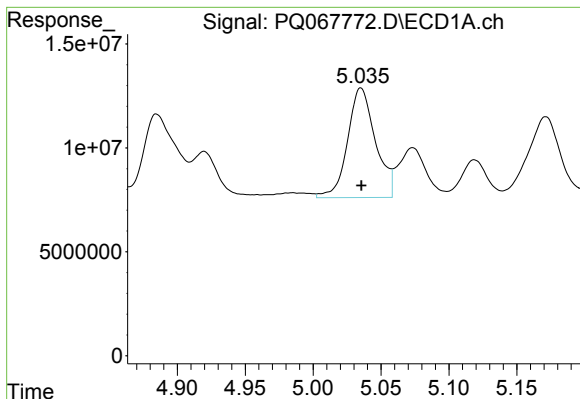
#6 AR-1016-4

R.T.: 4.745 min  
Delta R.T.: 0.000 min  
Response: 71072031  
Conc: 472.42 ng/ml



#6 AR-1016-4

R.T.: 4.060 min  
Delta R.T.: -0.001 min  
Response: 76453635  
Conc: 514.49 ng/ml



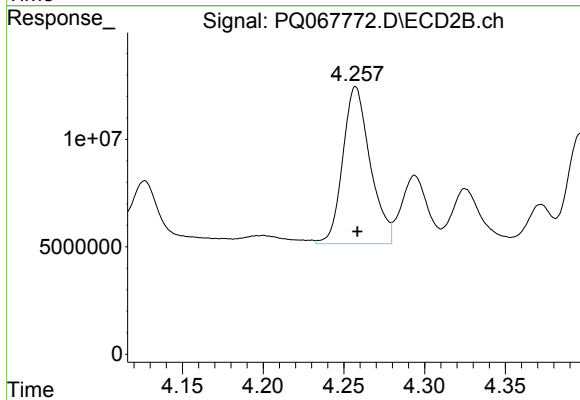
#7 AR-1016-5

R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 75319573  
Conc: 515.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

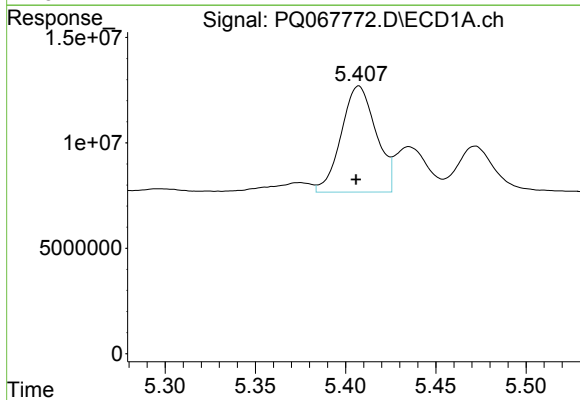
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



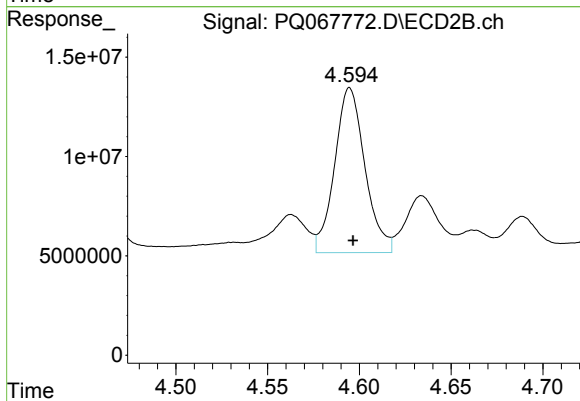
#7 AR-1016-5

R.T.: 4.257 min  
Delta R.T.: -0.001 min  
Response: 86340734  
Conc: 504.72 ng/ml



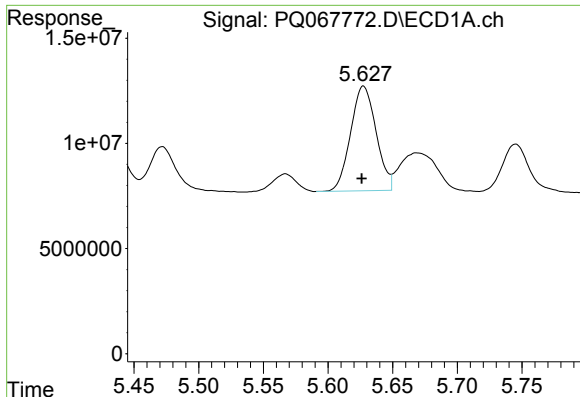
#26 AR-1254-1

R.T.: 5.407 min  
Delta R.T.: 0.002 min  
Response: 67670685  
Conc: 304.21 ng/ml



#26 AR-1254-1

R.T.: 4.595 min  
Delta R.T.: -0.002 min  
Response: 95339210  
Conc: 283.84 ng/ml



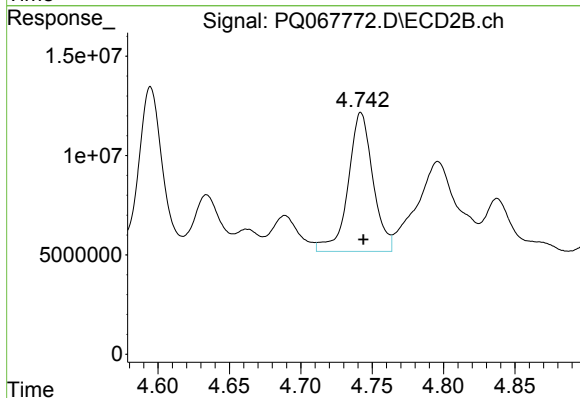
#27 AR-1254-2

R.T.: 5.627 min  
Delta R.T.: 0.001 min  
Response: 68307342  
Conc: 211.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

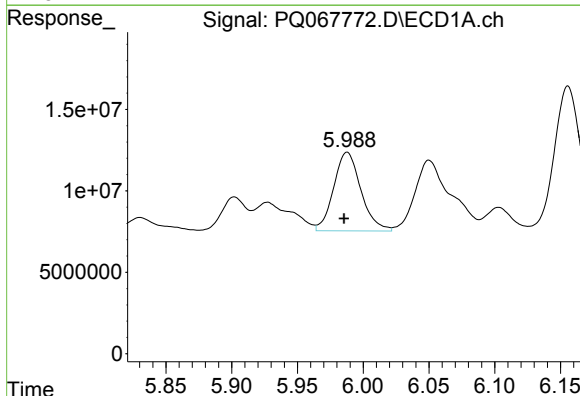
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



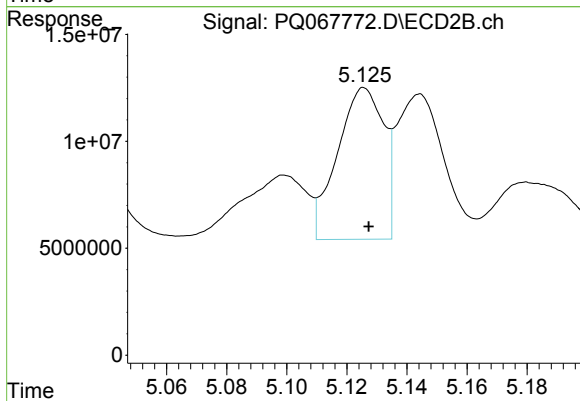
#27 AR-1254-2

R.T.: 4.742 min  
Delta R.T.: -0.002 min  
Response: 84791518  
Conc: 275.53 ng/ml



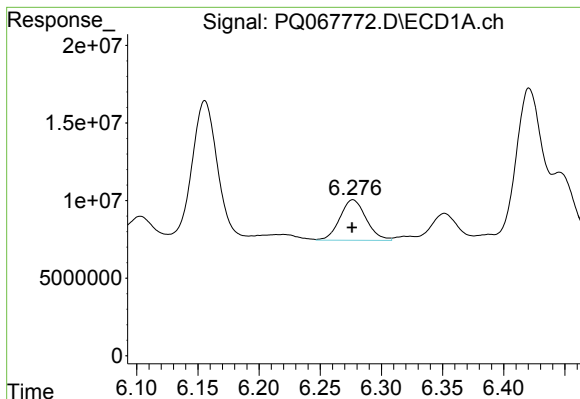
#28 AR-1254-3

R.T.: 5.988 min  
Delta R.T.: 0.002 min  
Response: 69773212  
Conc: 212.93 ng/ml



#28 AR-1254-3

R.T.: 5.126 min  
Delta R.T.: -0.002 min  
Response: 75673816  
Conc: 169.65 ng/ml



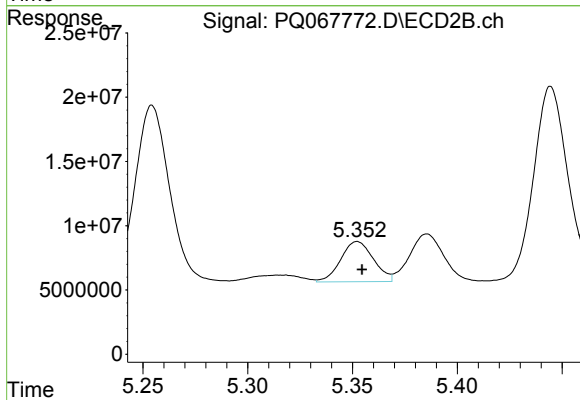
#29 AR-1254-4

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 38922844  
Conc: 194.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

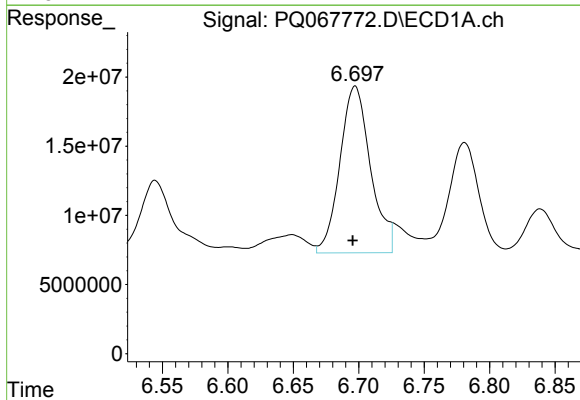
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



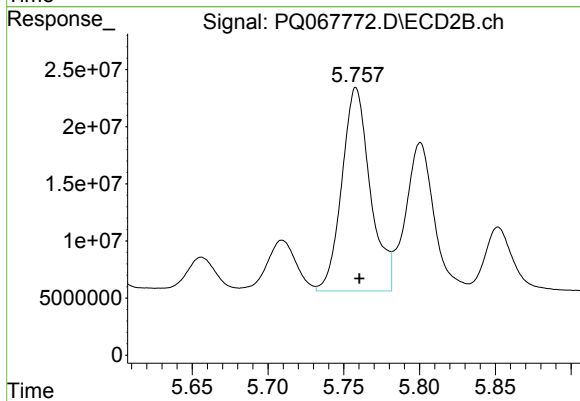
#29 AR-1254-4

R.T.: 5.352 min  
Delta R.T.: -0.002 min  
Response: 33977529  
Conc: 150.63 ng/ml



#30 AR-1254-5

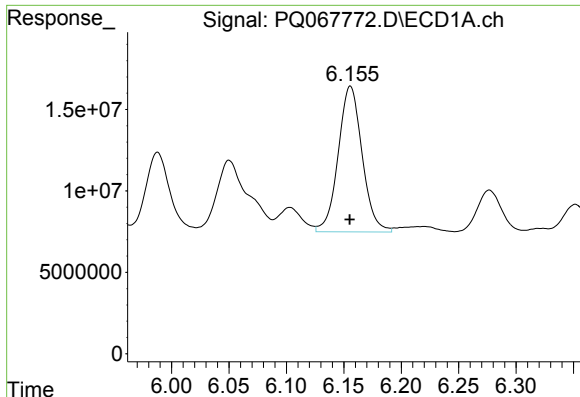
R.T.: 6.697 min  
Delta R.T.: 0.002 min  
Response: 196320393  
Conc: 780.97 ng/ml m



#30 AR-1254-5

R.T.: 5.758 min  
Delta R.T.: -0.002 min  
Response: 232688515  
Conc: 565.73 ng/ml





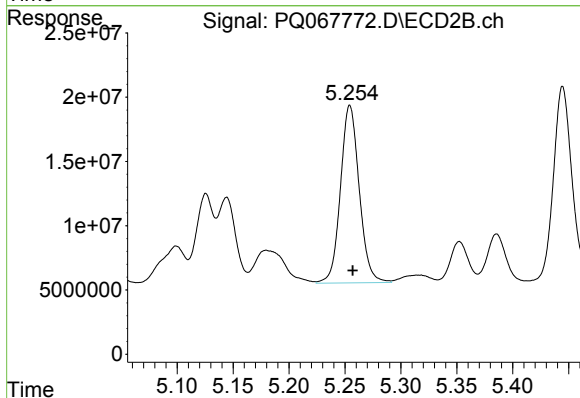
#31 AR-1260-1

R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 130072694  
Conc: 474.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

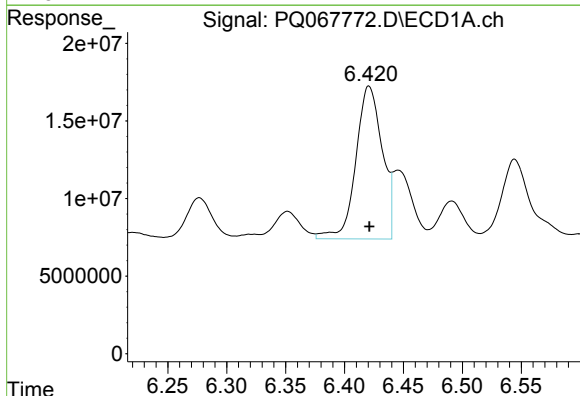
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



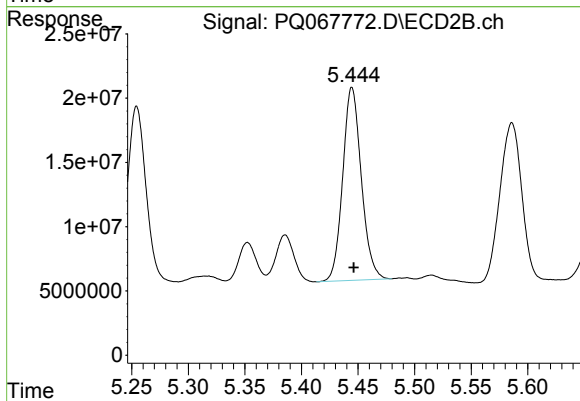
#31 AR-1260-1

R.T.: 5.254 min  
Delta R.T.: -0.002 min  
Response: 161542632  
Conc: 475.33 ng/ml



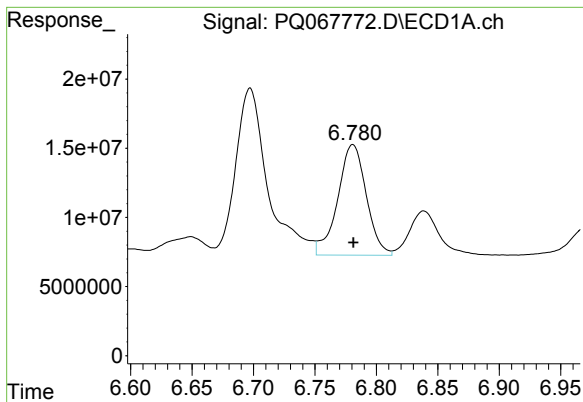
#32 AR-1260-2

R.T.: 6.421 min  
Delta R.T.: 0.000 min  
Response: 153521867  
Conc: 476.20 ng/ml



#32 AR-1260-2

R.T.: 5.445 min  
Delta R.T.: -0.002 min  
Response: 171809191  
Conc: 438.87 ng/ml



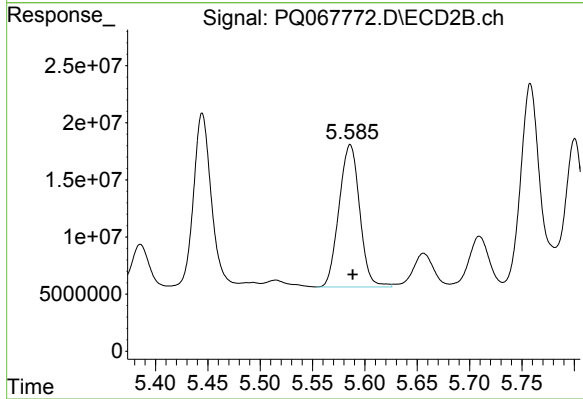
#33 AR-1260-3

R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: 129672425  
Conc: 566.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

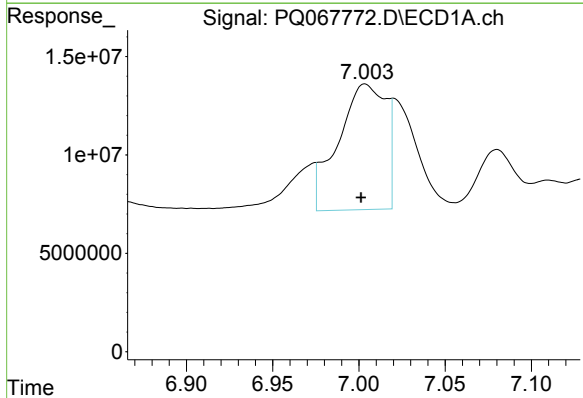
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



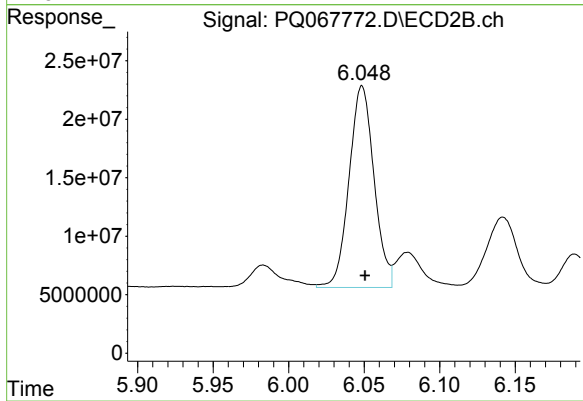
#33 AR-1260-3

R.T.: 5.586 min  
Delta R.T.: -0.002 min  
Response: 170912133  
Conc: 454.82 ng/ml



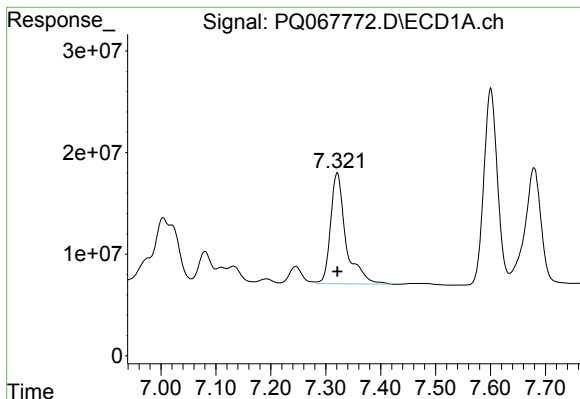
#34 AR-1260-4

R.T.: 7.003 min  
Delta R.T.: 0.002 min  
Response: 126504281  
Conc: 495.95 ng/ml m



#34 AR-1260-4

R.T.: 6.049 min  
Delta R.T.: -0.002 min  
Response: 198363279  
Conc: 685.71 ng/ml



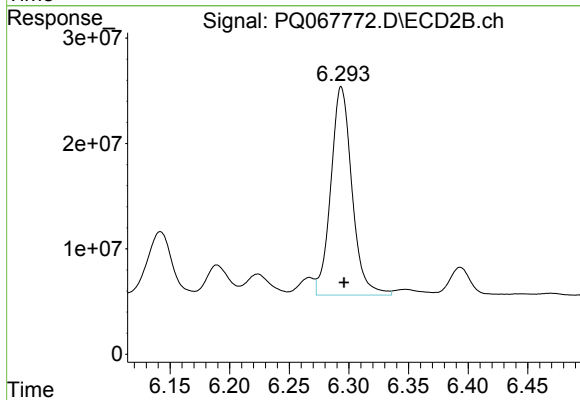
#35 AR-1260-5

R.T.: 7.321 min  
Delta R.T.: 0.000 min  
Response: 213330937  
Conc: 481.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

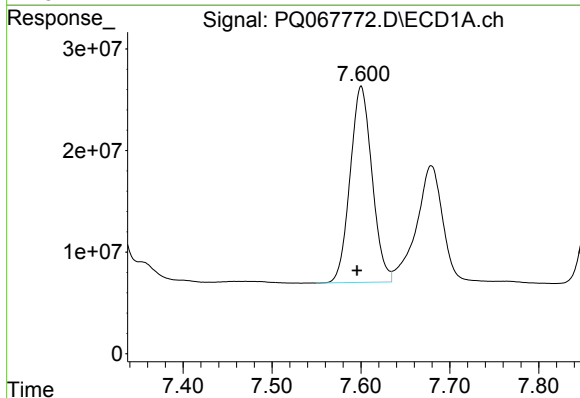
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



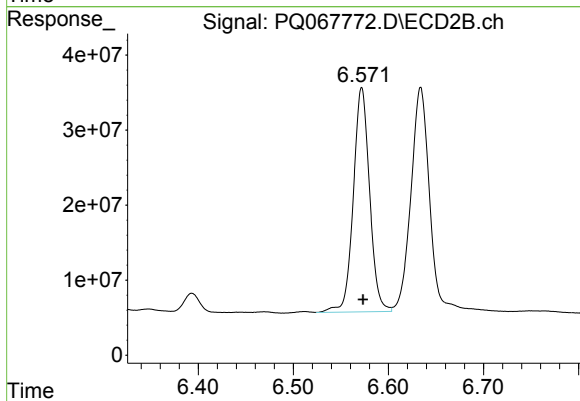
#35 AR-1260-5

R.T.: 6.294 min  
Delta R.T.: -0.002 min  
Response: 244300520  
Conc: 410.06 ng/ml



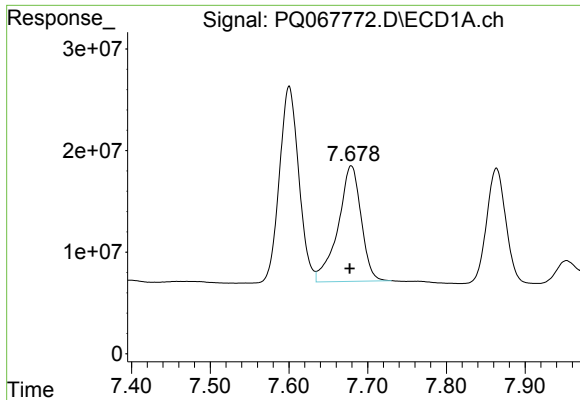
#41 AR-1268-1

R.T.: 7.600 min  
Delta R.T.: 0.004 min  
Response: 330489920  
Conc: 564.40 ng/ml



#41 AR-1268-1

R.T.: 6.572 min  
Delta R.T.: -0.001 min  
Response: 356112195  
Conc: 423.15 ng/ml



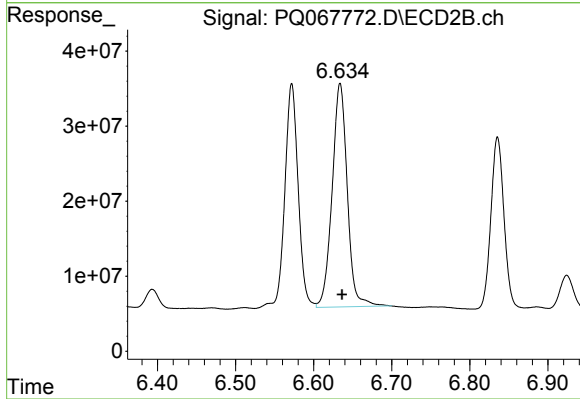
#42 AR-1268-2

R.T.: 7.679 min  
Delta R.T.: 0.002 min  
Response: 231666349  
Conc: 443.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

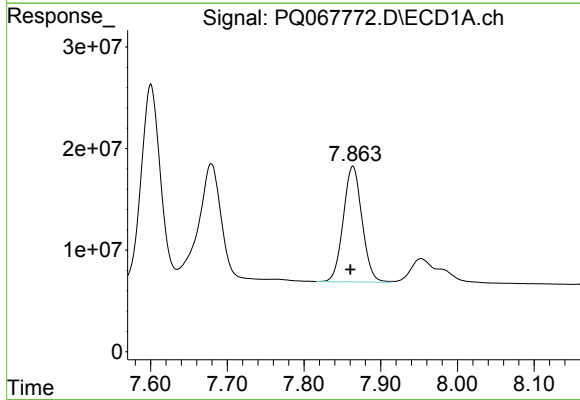
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



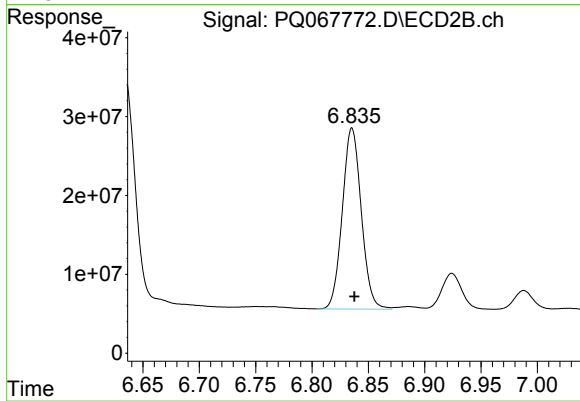
#42 AR-1268-2

R.T.: 6.634 min  
Delta R.T.: -0.003 min  
Response: 401763170  
Conc: 524.58 ng/ml



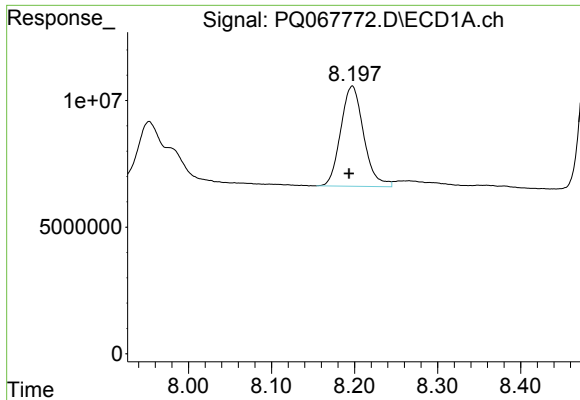
#43 AR-1268-3

R.T.: 7.864 min  
Delta R.T.: 0.003 min  
Response: 193845794  
Conc: 416.90 ng/ml



#43 AR-1268-3

R.T.: 6.835 min  
Delta R.T.: -0.002 min  
Response: 268503754  
Conc: 384.87 ng/ml



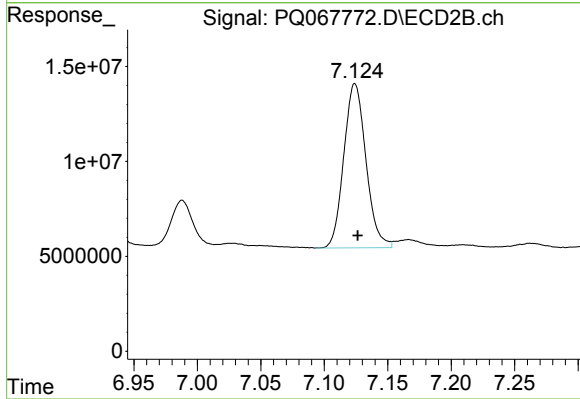
#44 AR-1268-4

R.T.: 8.197 min  
Delta R.T.: 0.004 min  
Response: 76120107  
Conc: 474.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
R061-B9MS

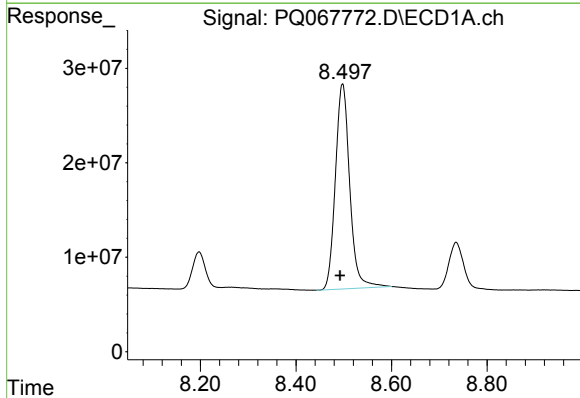
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/12/2024  
Supervised By :Ankita Jodhani 08/12/2024



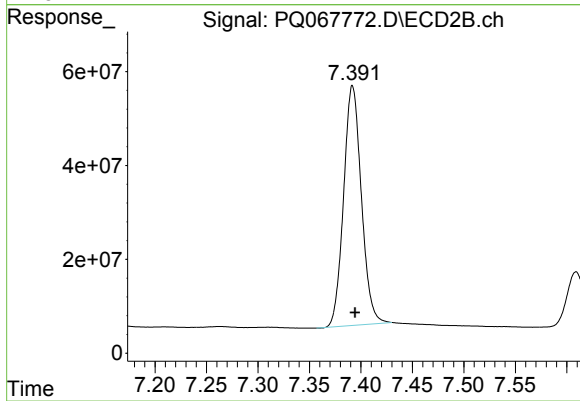
#44 AR-1268-4

R.T.: 7.124 min  
Delta R.T.: -0.002 min  
Response: 105212133  
Conc: 447.61 ng/ml



#45 AR-1268-5

R.T.: 8.497 min  
Delta R.T.: 0.005 min  
Response: 451537839  
Conc: 364.24 ng/ml



#45 AR-1268-5

R.T.: 7.392 min  
Delta R.T.: -0.002 min  
Response: 613444840  
Conc: 319.90 ng/ml