

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0032419\  
 Data File : P0054563.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Mar 2019 20:04  
 Operator : SM/SJ  
 Sample : K2032-10  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 031819-LIFT-F-U-S

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 05:41:22 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0032319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 05:05:57 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.309 | 3.626 | 673397 | 610924 | 19.274  | 18.436   |
| 2)                          | SA Decachlor... | 9.932 | 8.611 | 775952 | 541123 | 16.502  | 16.276   |
| Target Compounds            |                 |       |       |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 5.403 | 4.710 | 24343  | 1292   | 14.519  | 0.810 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.710 | 0      | 1292   | N.D.    | 0.606 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.947 | 0      | 10660  | N.D.    | 8.762 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.947 | 0      | 10660  | N.D.    | 10.823 # |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.151 | 0      | 18187  | N.D.    | 14.108 # |
| 8)                          | L2 AR-1221-1    | 4.523 | 3.828 | 43139  | 17418  | 99.235  | 42.348 # |
| 9)                          | L2 AR-1221-2    | 4.582 | 3.927 | 175499 | 13610  | 524.580 | 43.287 # |
| 10)                         | L2 AR-1221-3    | 4.693 | 4.011 | 150857 | 142699 | 145.597 | 148.213  |
| 11)                         | L3 AR-1232-1    | 4.693 | 4.011 | 150857 | 142699 | 183.283 | 189.201  |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.710 | 0      | 1292   | N.D.    | 1.537 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.947 | 0      | 10660  | N.D.    | 22.692 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.966 | 0      | 18877  | N.D.    | 45.052 # |
| 15)                         | L3 AR-1232-5    | 5.739 | 5.151 | 21056  | 18187  | 55.958  | 38.834 # |
| 16)                         | L4 AR-1242-1    | 5.403 | 4.710 | 24343  | 1292   | 19.033  | 1.081 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.710 | 0      | 1292   | N.D.    | 0.811 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.947 | 0      | 10660  | N.D.    | 11.625 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.966 | 0      | 18877  | N.D.    | 20.709 # |
| 20)                         | L4 AR-1242-5    | 6.321 | 5.532 | 37348  | 21659  | 34.079  | 18.171 # |
| 21)                         | L5 AR-1248-1    | 5.403 | 4.710 | 24343  | 1292   | 18.393  | 1.088 #  |
| 22)                         | L5 AR-1248-2    | 5.739 | 4.947 | 21056  | 10660  | 10.959  | 6.607 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.966 | 0      | 18877  | N.D.    | 11.316 # |
| 24)                         | L5 AR-1248-4    | 6.321 | 5.151 | 37348  | 18187  | 14.833  | 8.920 #  |
| 25)                         | L5 AR-1248-5    | 6.321 | 5.532 | 37348  | 21659  | 15.514  | 10.868 # |
| 26)                         | L6 AR-1254-1    | 6.321 | 5.532 | 37348  | 21659  | 20.360  | 9.875 #  |
| 28)                         | L6 AR-1254-3    | 6.909 | 0.000 | 53005  | 0      | 16.395  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.709 | 0      | 9289   | N.D.    | 3.091 #  |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.358 | 0      | 38126  | N.D.    | 13.367 # |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.583 | 0      | 10874  | N.D.    | 4.076 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.709 | 0      | 9289   | N.D.    | 2.810 #  |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.539 | 0      | 19975  | N.D.    | 8.644 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.539 | 0      | 19975  | N.D.    | 4.868 #  |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.539 | 0      | 19975  | N.D.    | 3.223 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.539 | 0      | 19975  | N.D.    | 3.581 #  |
| -----                       |                 |       |       |        |        |         |          |

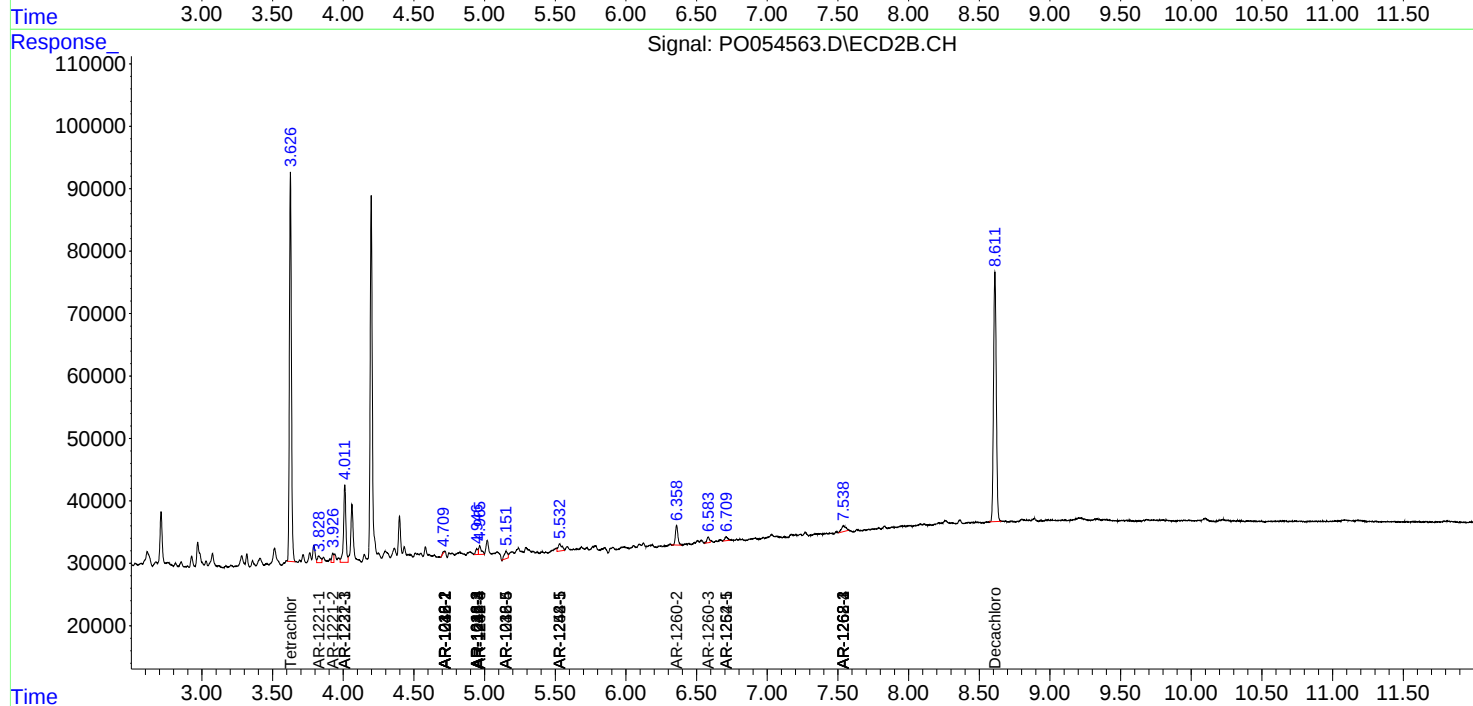
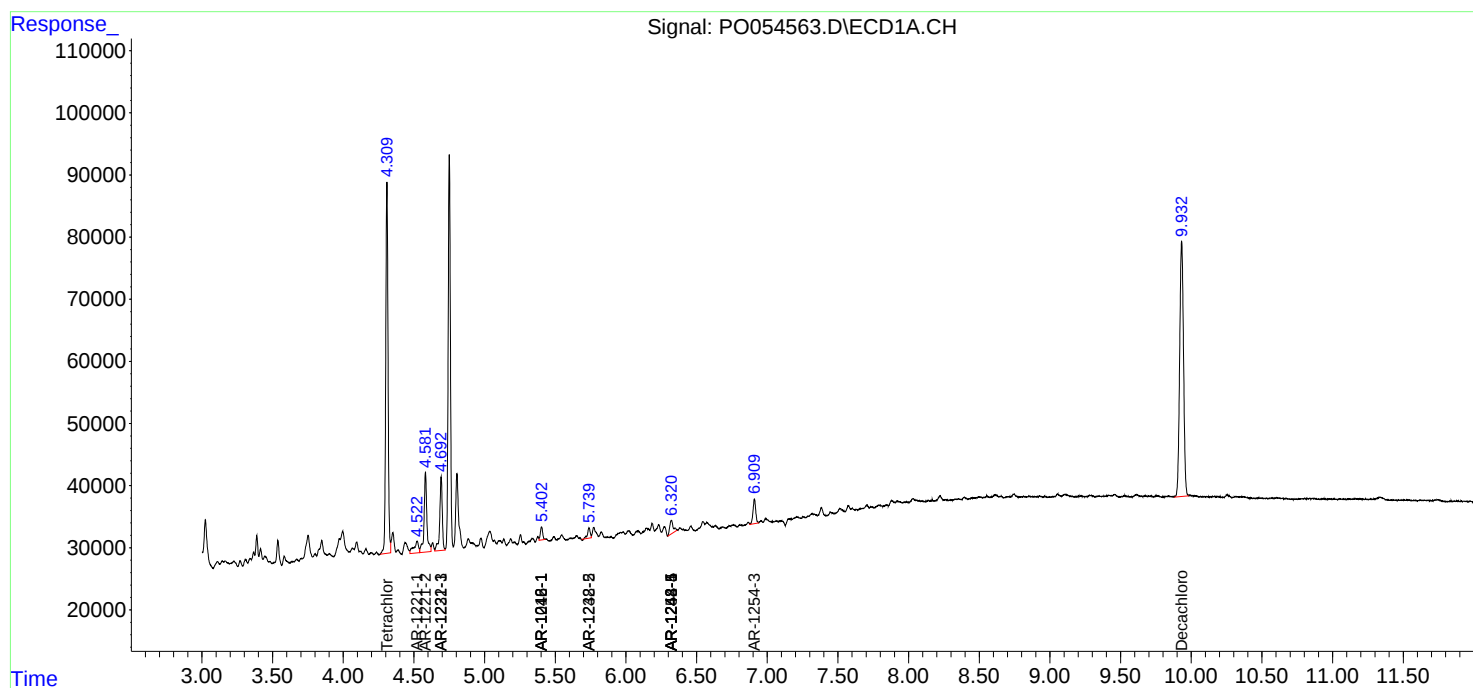
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

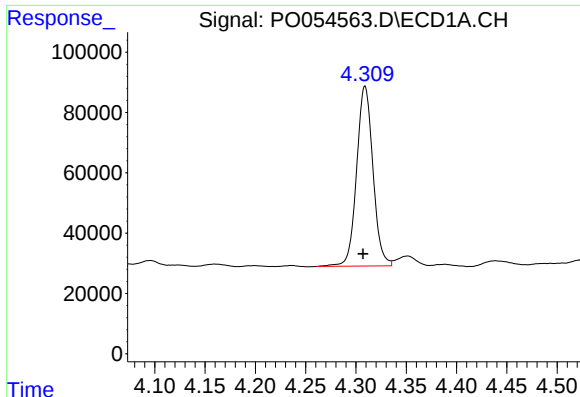
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO032419\  
Data File : PO054563.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 24 Mar 2019 20:04  
Operator : SM/SJ  
Sample : K2032-10  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 05:41:22 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO032319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 05:05:57 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

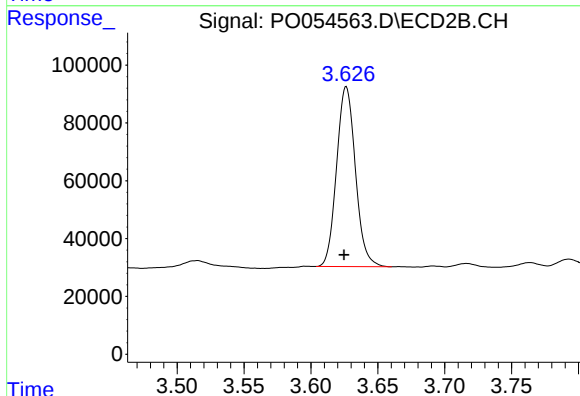




#1 Tetrachloro-m-xylene

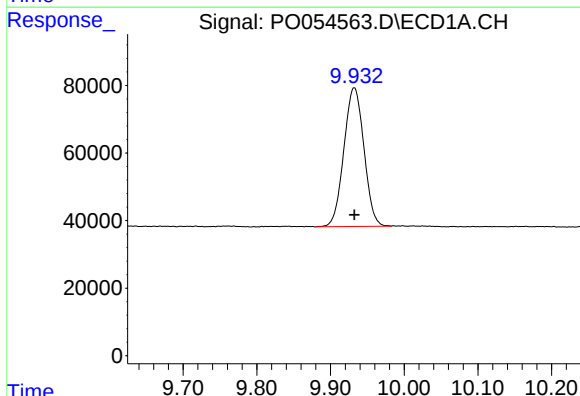
R.T.: 4.309 min  
Delta R.T.: 0.002 min  
Response: 673397  
Conc: 19.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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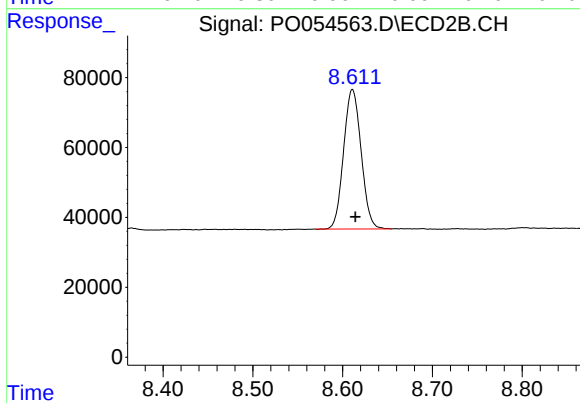
#1 Tetrachloro-m-xylene

R.T.: 3.626 min  
Delta R.T.: 0.002 min  
Response: 610924  
Conc: 18.44 ng/ml



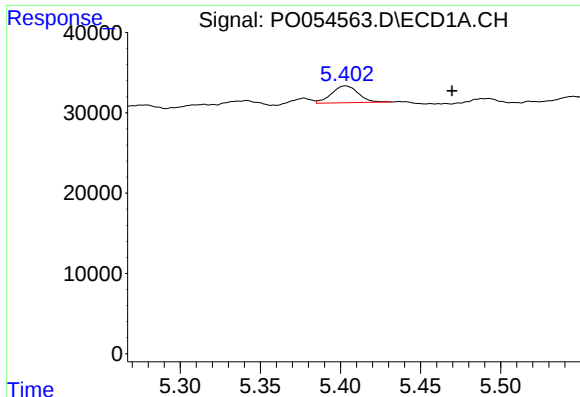
#2 Decachlorobiphenyl

R.T.: 9.932 min  
Delta R.T.: 0.000 min  
Response: 775952  
Conc: 16.50 ng/ml



#2 Decachlorobiphenyl

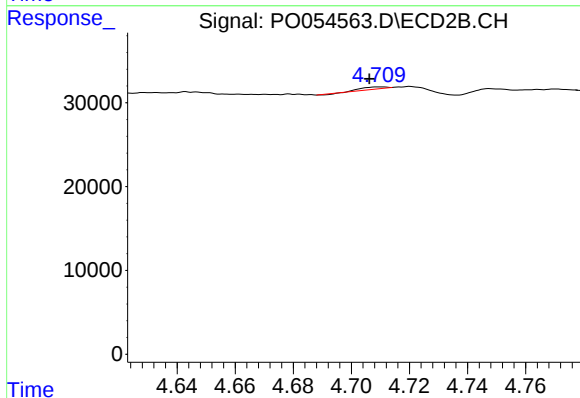
R.T.: 8.611 min  
Delta R.T.: -0.003 min  
Response: 541123  
Conc: 16.28 ng/ml



#3 AR-1016-1

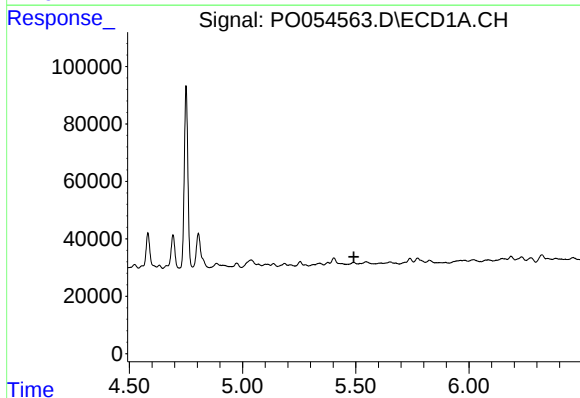
R.T.: 5.403 min  
Delta R.T.: -0.066 min  
Response: 24343  
Conc: 14.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



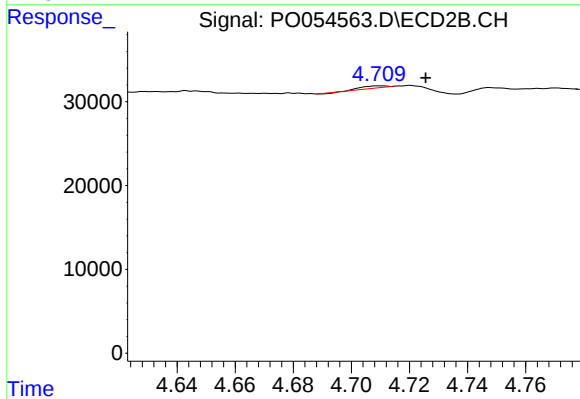
#3 AR-1016-1

R.T.: 4.710 min  
Delta R.T.: 0.003 min  
Response: 1292  
Conc: 0.81 ng/ml



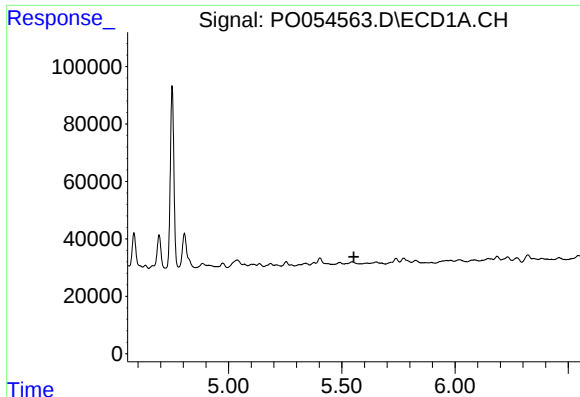
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.492 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

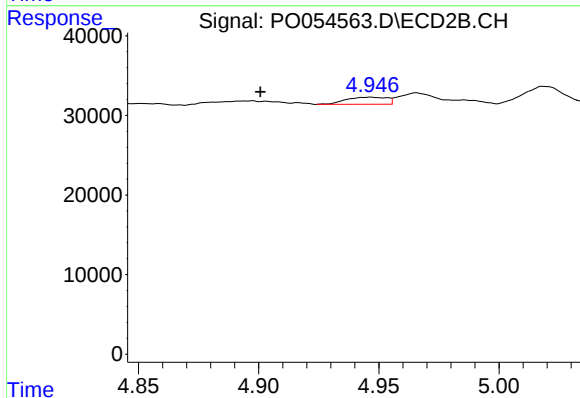
R.T.: 4.710 min  
Delta R.T.: -0.016 min  
Response: 1292  
Conc: 0.61 ng/ml



#5 AR-1016-3

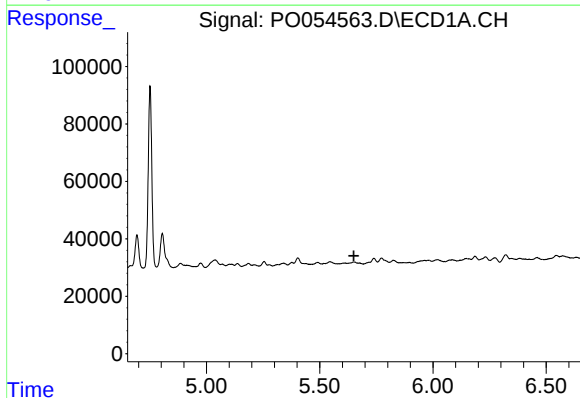
R.T.: 0.000 min  
Exp R.T.: 5.553 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



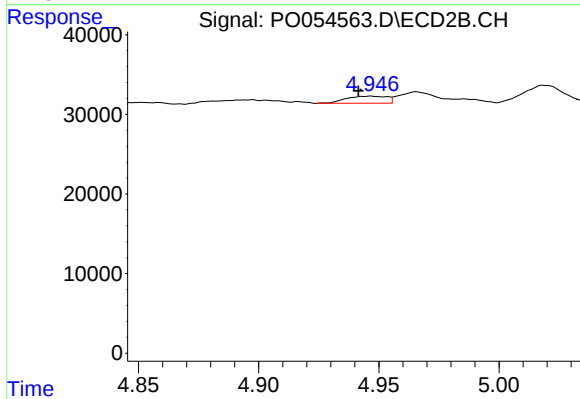
#5 AR-1016-3

R.T.: 4.947 min  
Delta R.T.: 0.046 min  
Response: 10660  
Conc: 8.76 ng/ml



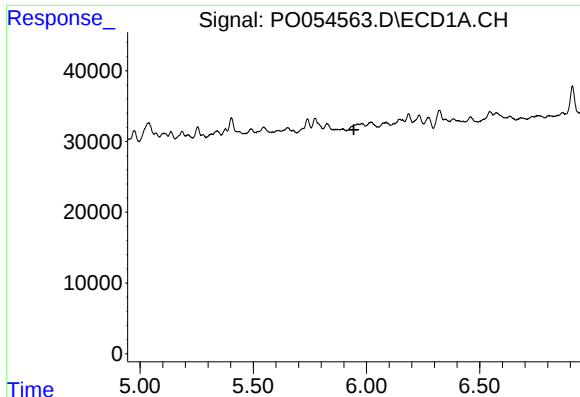
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.651 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

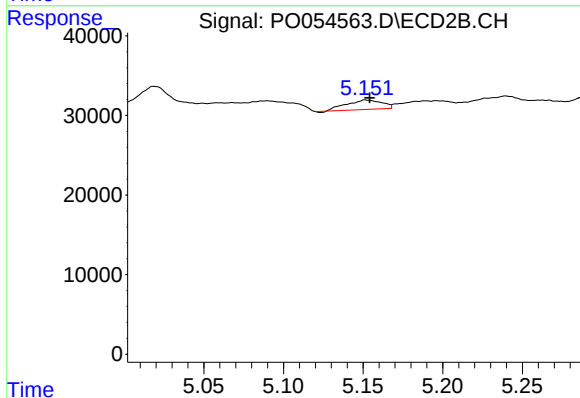
R.T.: 4.947 min  
Delta R.T.: 0.005 min  
Response: 10660  
Conc: 10.82 ng/ml



#7 AR-1016-5

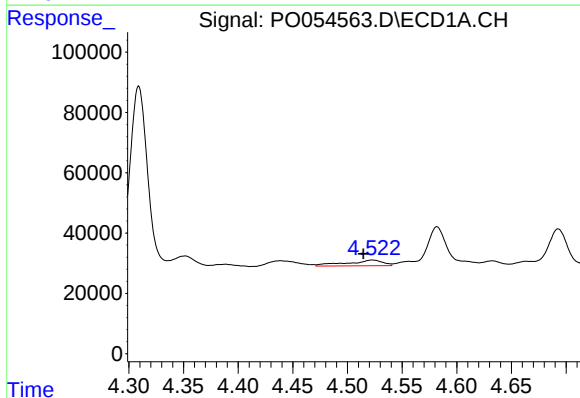
R.T.: 0.000 min  
Exp R.T.: 5.944 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



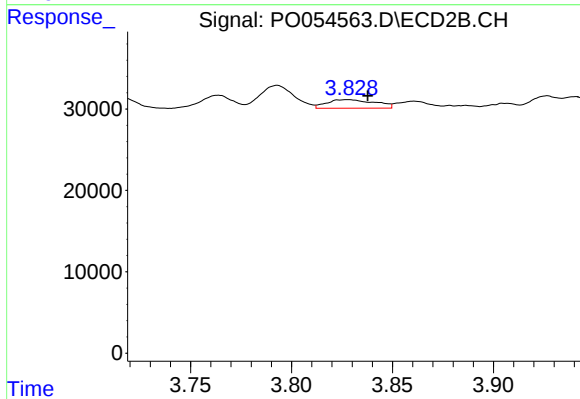
#7 AR-1016-5

R.T.: 5.151 min  
Delta R.T.: -0.003 min  
Response: 18187  
Conc: 14.11 ng/ml



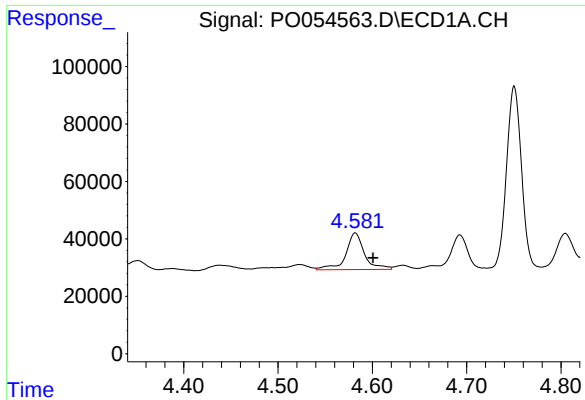
#8 AR-1221-1

R.T.: 4.523 min  
Delta R.T.: 0.008 min  
Response: 43139  
Conc: 99.23 ng/ml



#8 AR-1221-1

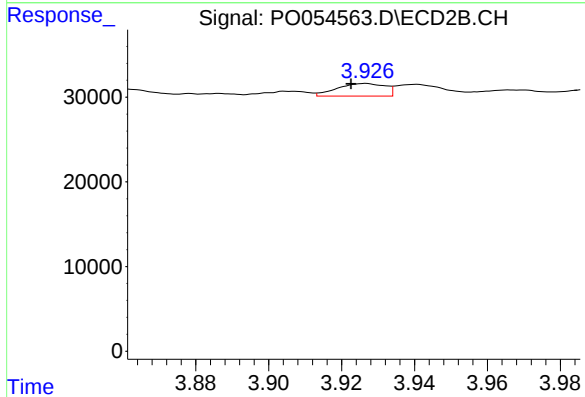
R.T.: 3.828 min  
Delta R.T.: -0.009 min  
Response: 17418  
Conc: 42.35 ng/ml



#9 AR-1221-2

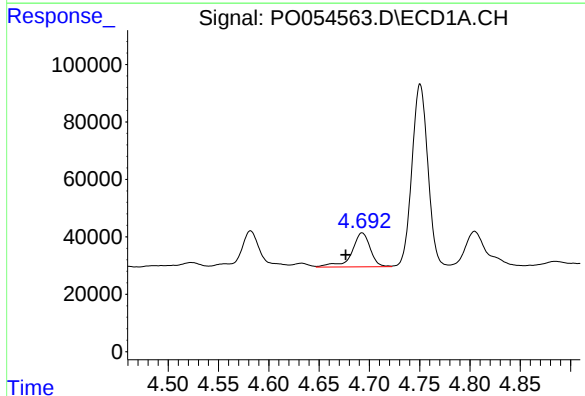
R.T.: 4.582 min  
Delta R.T.: -0.019 min  
Response: 175499  
Conc: 524.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



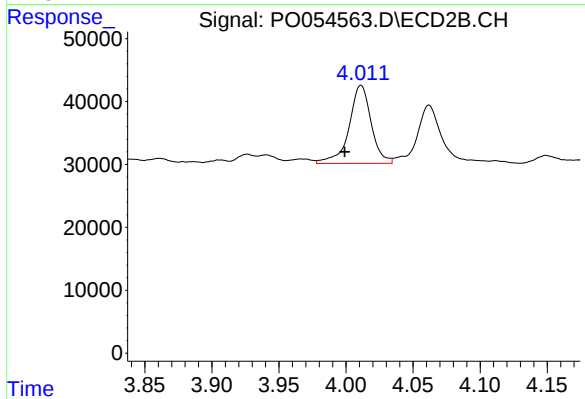
#9 AR-1221-2

R.T.: 3.927 min  
Delta R.T.: 0.004 min  
Response: 13610  
Conc: 43.29 ng/ml



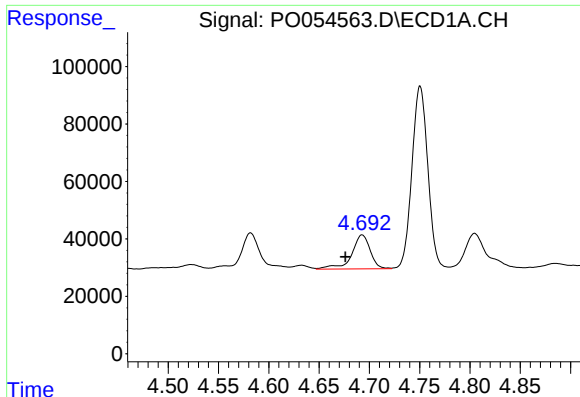
#10 AR-1221-3

R.T.: 4.693 min  
Delta R.T.: 0.016 min  
Response: 150857  
Conc: 145.60 ng/ml



#10 AR-1221-3

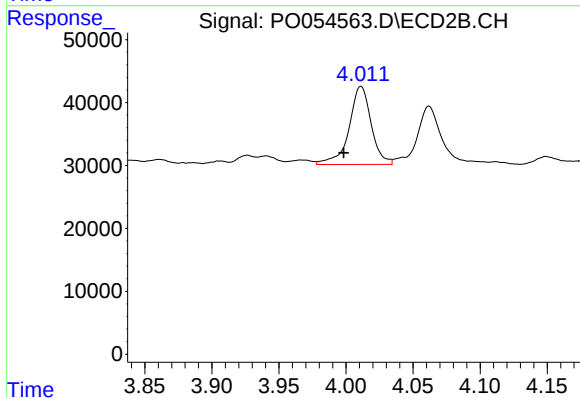
R.T.: 4.011 min  
Delta R.T.: 0.012 min  
Response: 142699  
Conc: 148.21 ng/ml



#11 AR-1232-1

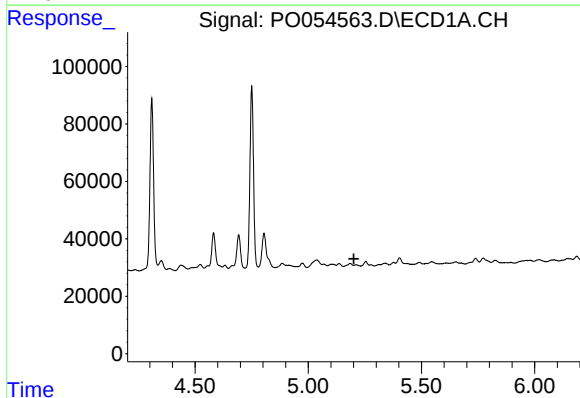
R.T.: 4.693 min  
Delta R.T.: 0.016 min  
Response: 150857  
Conc: 183.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



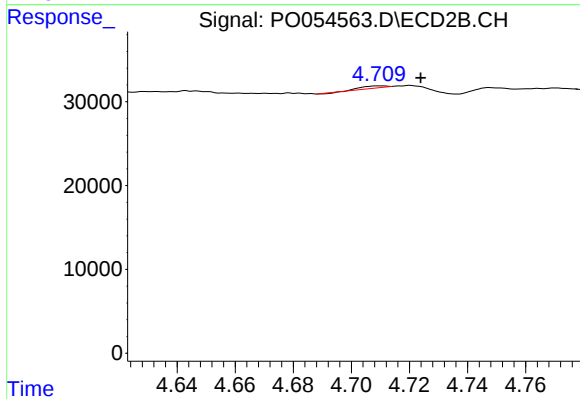
#11 AR-1232-1

R.T.: 4.011 min  
Delta R.T.: 0.013 min  
Response: 142699  
Conc: 189.20 ng/ml



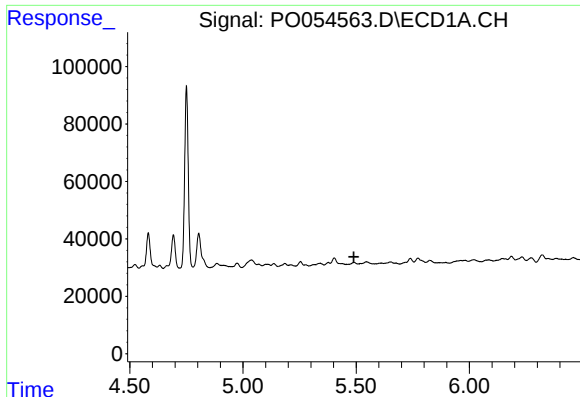
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.202 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

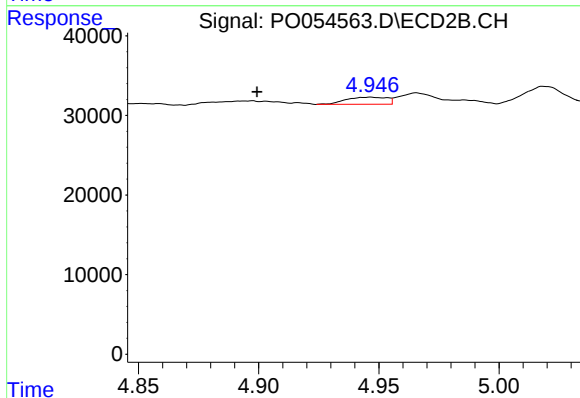
R.T.: 4.710 min  
Delta R.T.: -0.014 min  
Response: 1292  
Conc: 1.54 ng/ml



#13 AR-1232-3

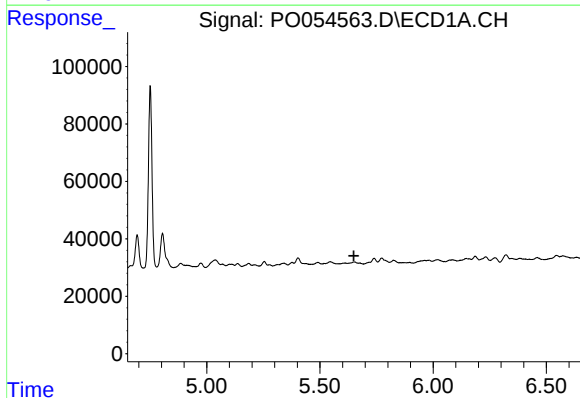
R.T.: 0.000 min  
Exp R.T. : 5.490 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



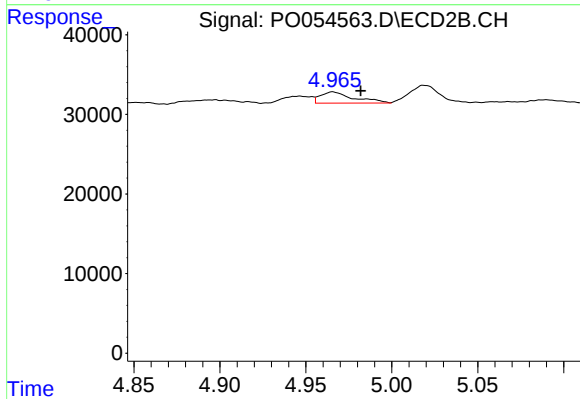
#13 AR-1232-3

R.T.: 4.947 min  
Delta R.T.: 0.047 min  
Response: 10660  
Conc: 22.69 ng/ml



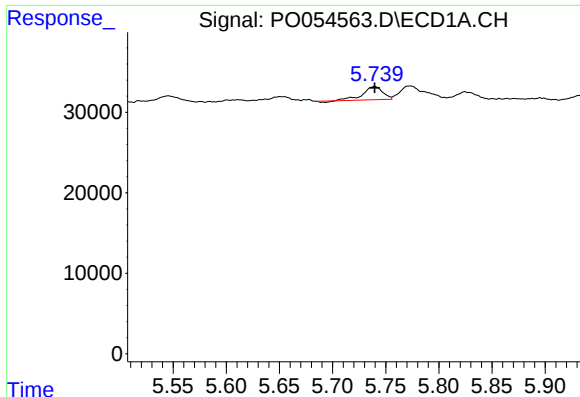
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.650 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

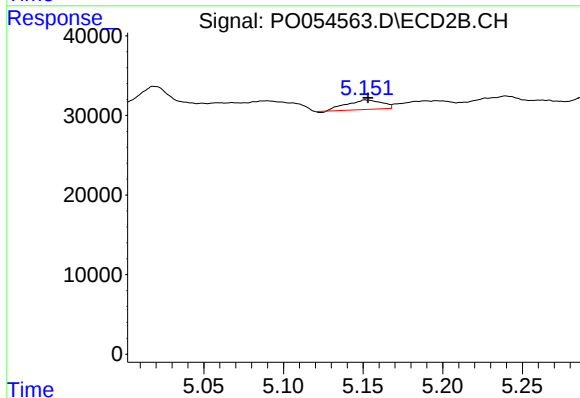
R.T.: 4.966 min  
Delta R.T.: -0.016 min  
Response: 18877  
Conc: 45.05 ng/ml



#15 AR-1232-5

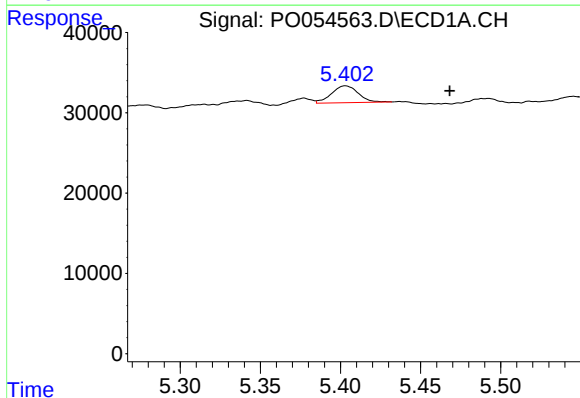
R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 21056  
Conc: 55.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



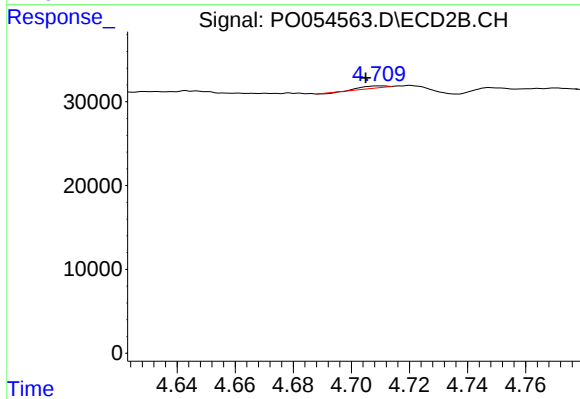
#15 AR-1232-5

R.T.: 5.151 min  
Delta R.T.: -0.002 min  
Response: 18187  
Conc: 38.83 ng/ml



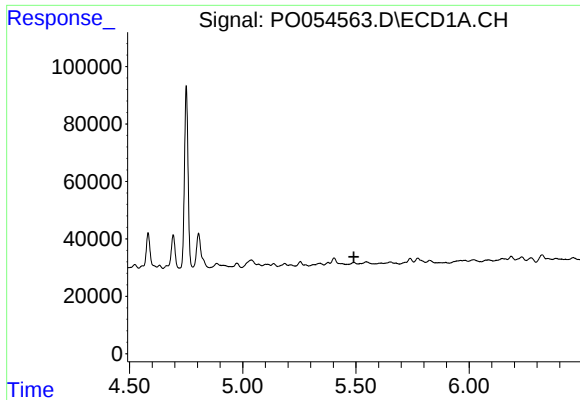
#16 AR-1242-1

R.T.: 5.403 min  
Delta R.T.: -0.065 min  
Response: 24343  
Conc: 19.03 ng/ml



#16 AR-1242-1

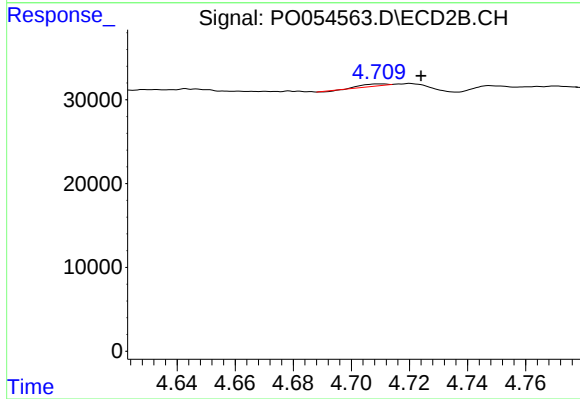
R.T.: 4.710 min  
Delta R.T.: 0.005 min  
Response: 1292  
Conc: 1.08 ng/ml



#17 AR-1242-2

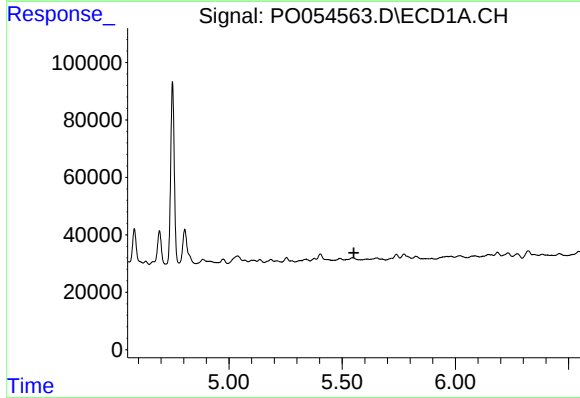
R.T.: 0.000 min  
Exp R.T. : 5.491 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



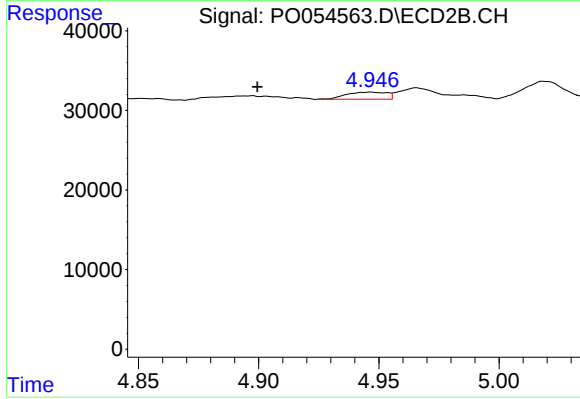
#17 AR-1242-2

R.T.: 4.710 min  
Delta R.T.: -0.014 min  
Response: 1292  
Conc: 0.81 ng/ml



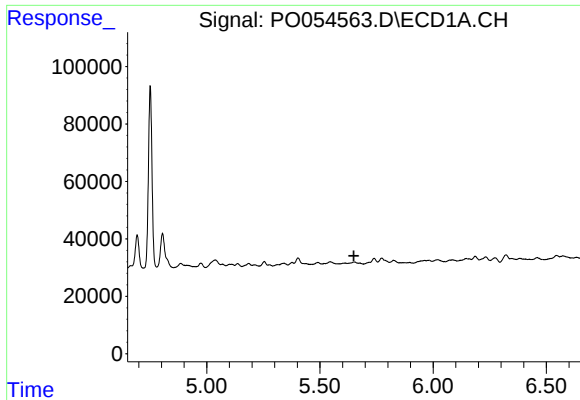
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.552 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

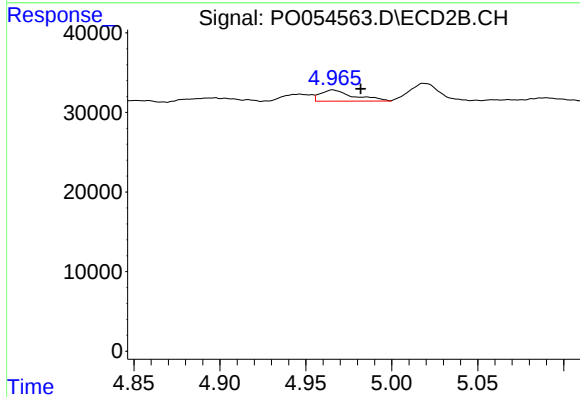
R.T.: 4.947 min  
Delta R.T.: 0.047 min  
Response: 10660  
Conc: 11.62 ng/ml



#19 AR-1242-4

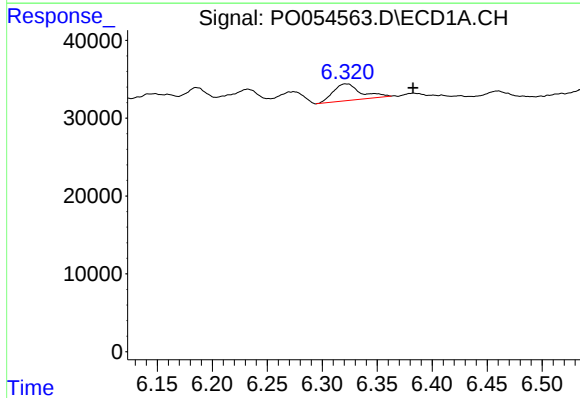
R.T.: 0.000 min  
Exp R.T.: 5.650 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



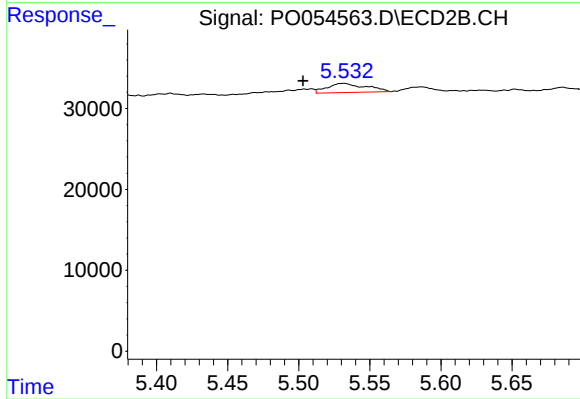
#19 AR-1242-4

R.T.: 4.966 min  
Delta R.T.: -0.016 min  
Response: 18877  
Conc: 20.71 ng/ml



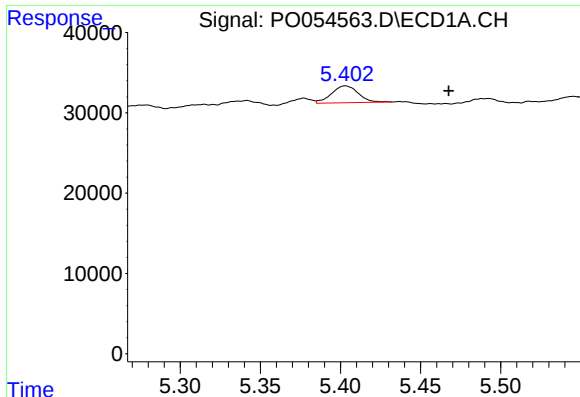
#20 AR-1242-5

R.T.: 6.321 min  
Delta R.T.: -0.061 min  
Response: 37348  
Conc: 34.08 ng/ml



#20 AR-1242-5

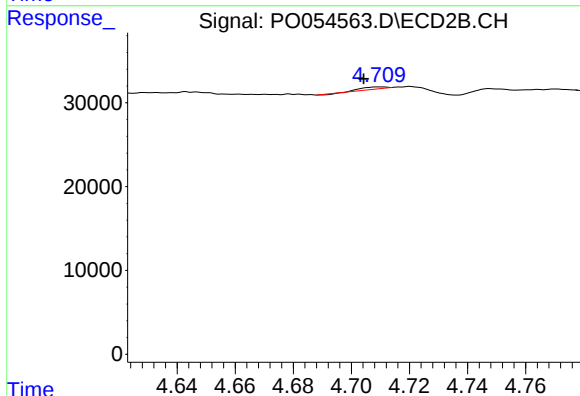
R.T.: 5.532 min  
Delta R.T.: 0.029 min  
Response: 21659  
Conc: 18.17 ng/ml



#21 AR-1248-1

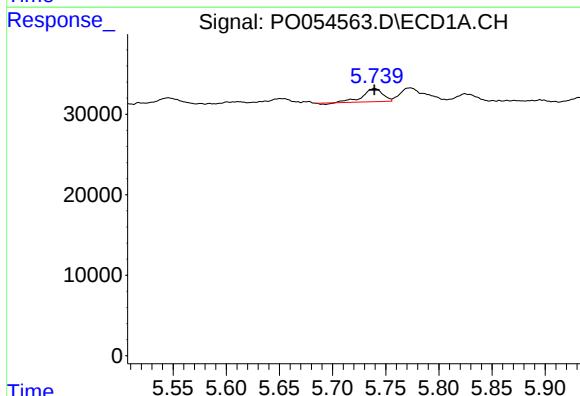
R.T.: 5.403 min  
Delta R.T.: -0.064 min  
Response: 24343  
Conc: 18.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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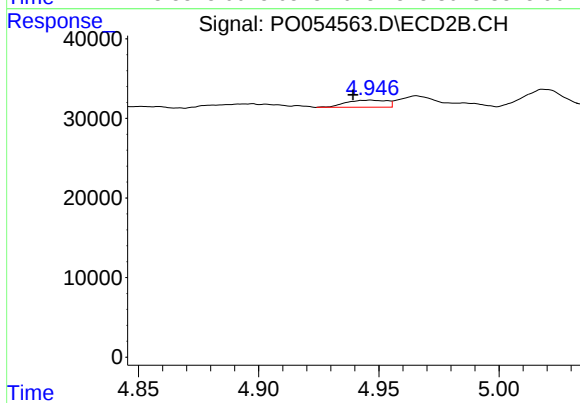
#21 AR-1248-1

R.T.: 4.710 min  
Delta R.T.: 0.005 min  
Response: 1292  
Conc: 1.09 ng/ml



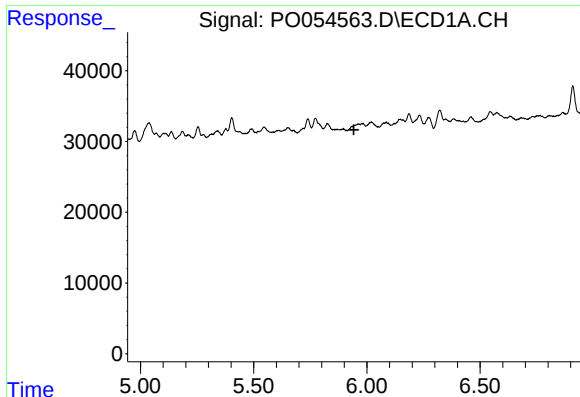
#22 AR-1248-2

R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 21056  
Conc: 10.96 ng/ml



#22 AR-1248-2

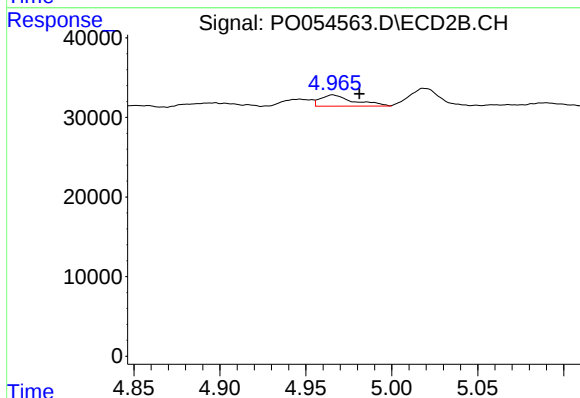
R.T.: 4.947 min  
Delta R.T.: 0.007 min  
Response: 10660  
Conc: 6.61 ng/ml



#23 AR-1248-3

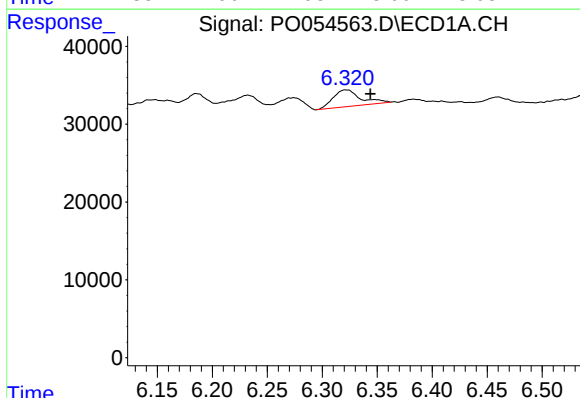
R.T.: 0.000 min  
Exp R.T.: 5.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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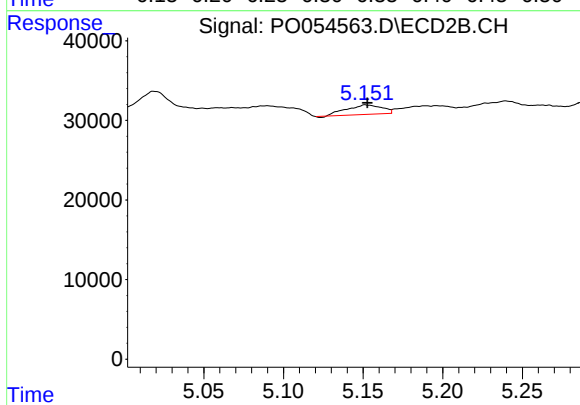
#23 AR-1248-3

R.T.: 4.966 min  
Delta R.T.: -0.016 min  
Response: 18877  
Conc: 11.32 ng/ml



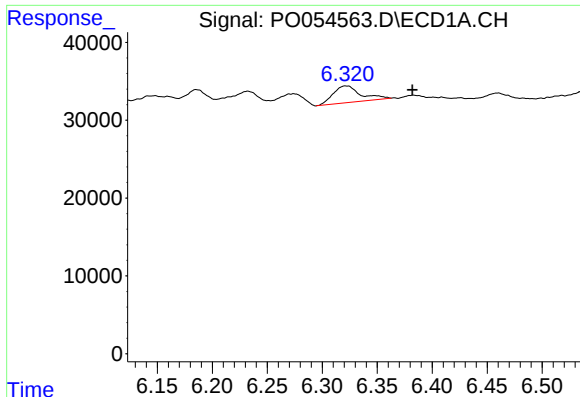
#24 AR-1248-4

R.T.: 6.321 min  
Delta R.T.: -0.023 min  
Response: 37348  
Conc: 14.83 ng/ml



#24 AR-1248-4

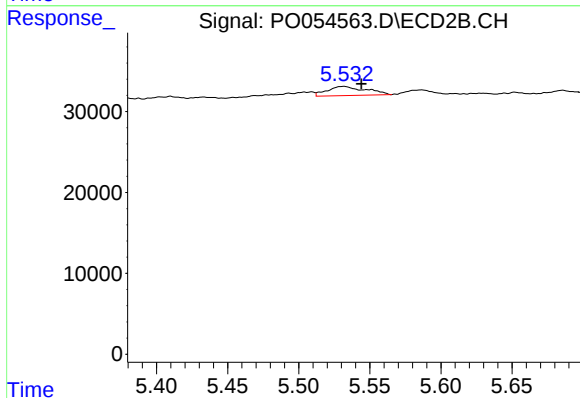
R.T.: 5.151 min  
Delta R.T.: -0.001 min  
Response: 18187  
Conc: 8.92 ng/ml



#25 AR-1248-5

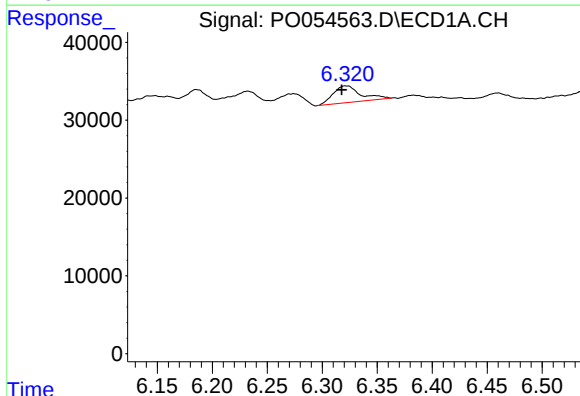
R.T.: 6.321 min  
Delta R.T.: -0.061 min  
Response: 37348  
Conc: 15.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
031819-LIFT-F-U-S



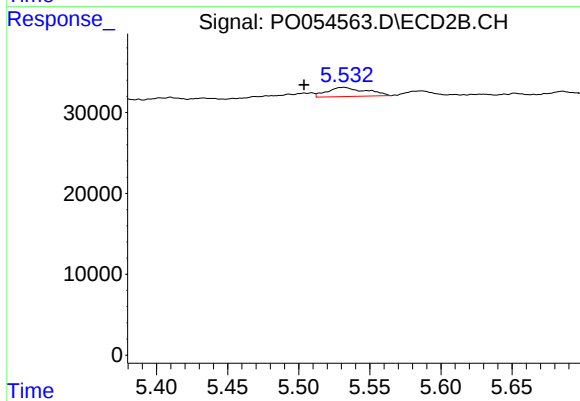
#25 AR-1248-5

R.T.: 5.532 min  
Delta R.T.: -0.012 min  
Response: 21659  
Conc: 10.87 ng/ml



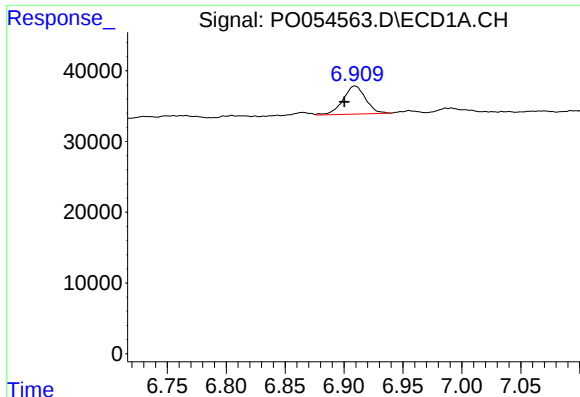
#26 AR-1254-1

R.T.: 6.321 min  
Delta R.T.: 0.003 min  
Response: 37348  
Conc: 20.36 ng/ml



#26 AR-1254-1

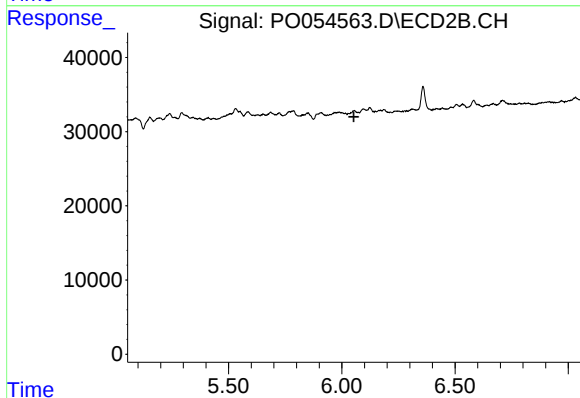
R.T.: 5.532 min  
Delta R.T.: 0.028 min  
Response: 21659  
Conc: 9.87 ng/ml



#28 AR-1254-3

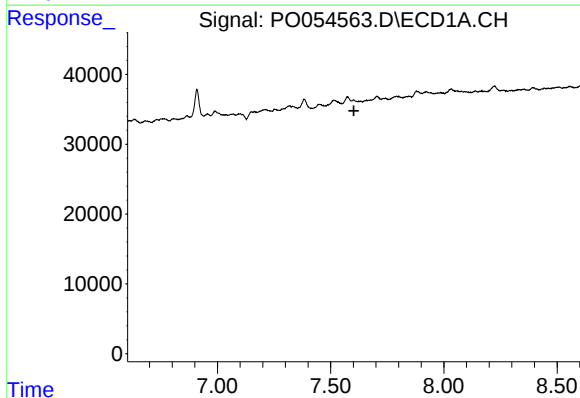
R.T.: 6.909 min  
Delta R.T.: 0.009 min  
Response: 53005  
Conc: 16.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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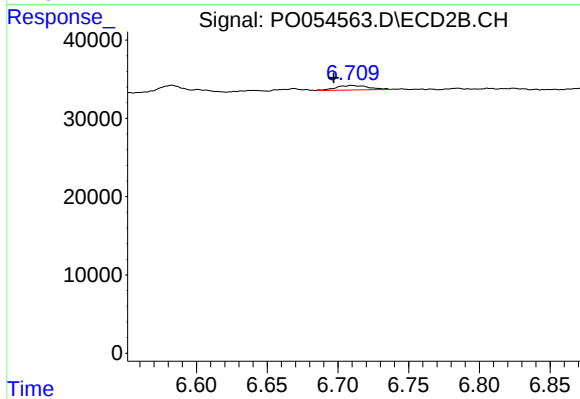
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.053 min  
Response: 0  
Conc: N.D.



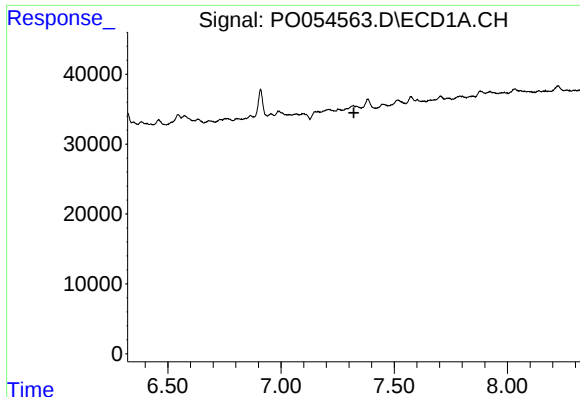
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.602 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

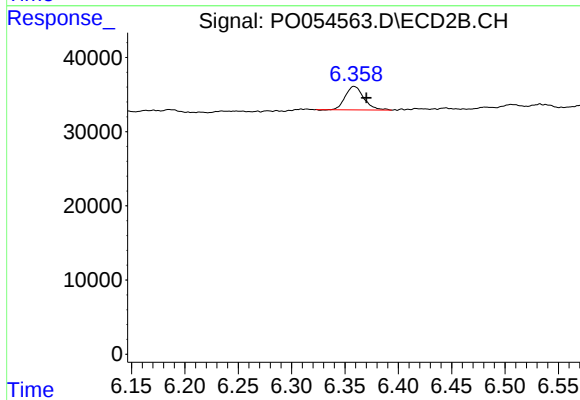
R.T.: 6.709 min  
Delta R.T.: 0.012 min  
Response: 9289  
Conc: 3.09 ng/ml



#32 AR-1260-2

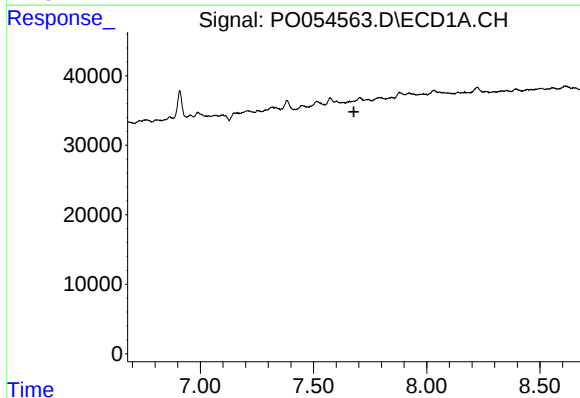
R.T.: 0.000 min  
Exp R.T.: 7.322 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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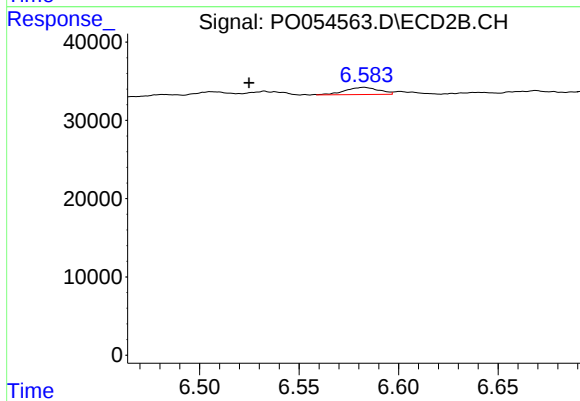
#32 AR-1260-2

R.T.: 6.358 min  
Delta R.T.: -0.012 min  
Response: 38126  
Conc: 13.37 ng/ml



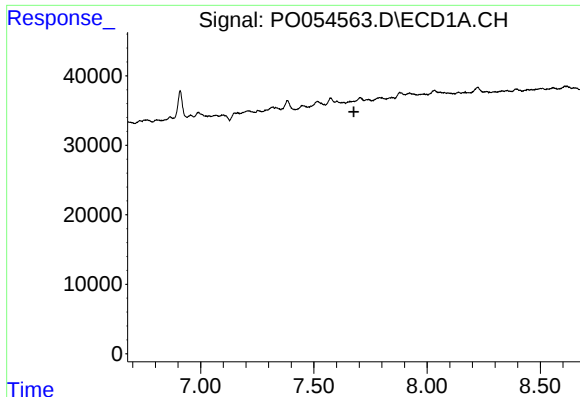
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.678 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

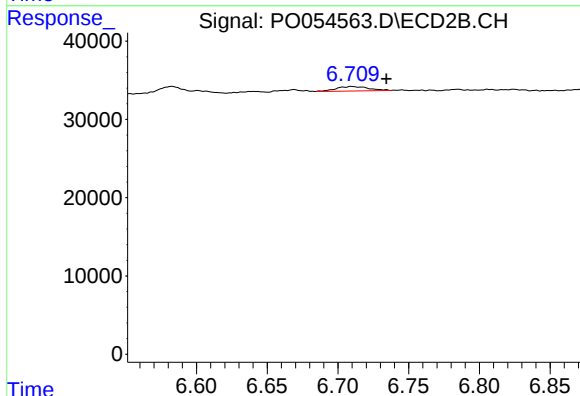
R.T.: 6.583 min  
Delta R.T.: 0.058 min  
Response: 10874  
Conc: 4.08 ng/ml



#36 AR-1262-1

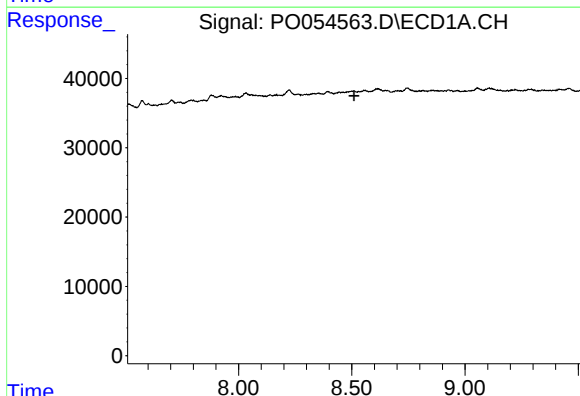
R.T.: 0.000 min  
Exp R.T.: 7.677 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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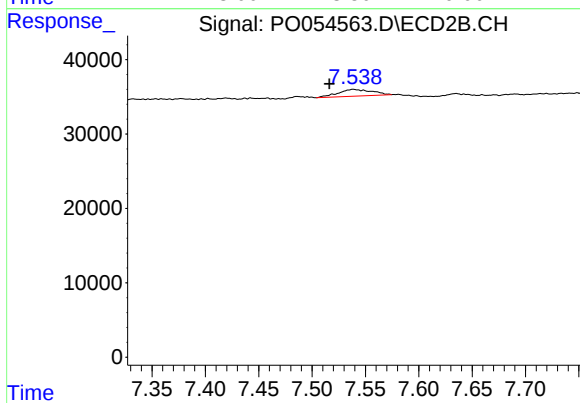
#36 AR-1262-1

R.T.: 6.709 min  
Delta R.T.: -0.025 min  
Response: 9289  
Conc: 2.81 ng/ml



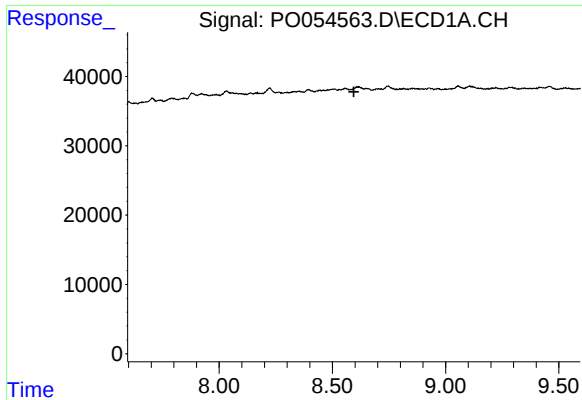
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.510 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

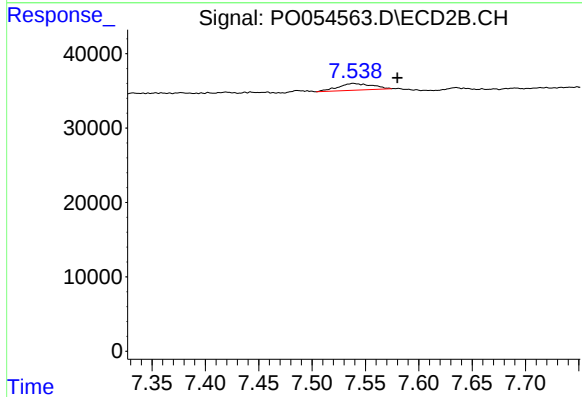
R.T.: 7.539 min  
Delta R.T.: 0.022 min  
Response: 19975  
Conc: 8.64 ng/ml



#39 AR-1262-4

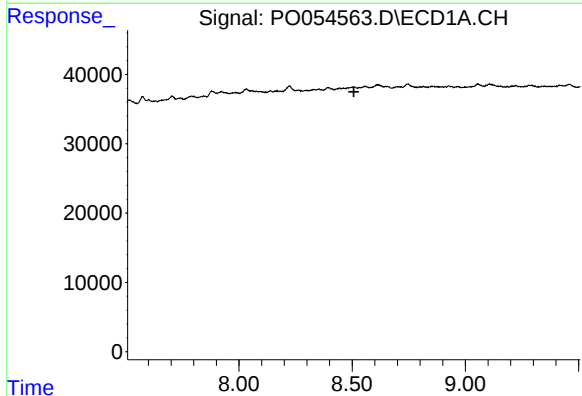
R.T.: 0.000 min  
Exp R.T.: 8.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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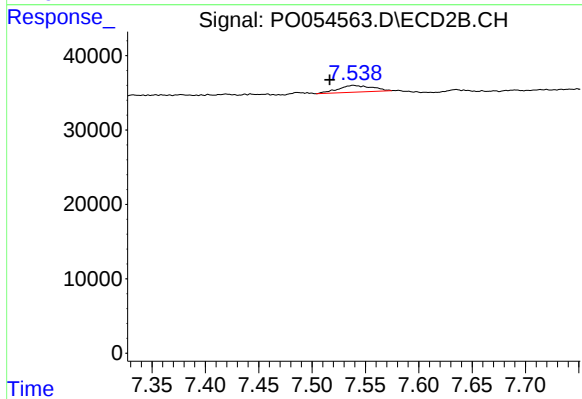
#39 AR-1262-4

R.T.: 7.539 min  
Delta R.T.: -0.041 min  
Response: 19975  
Conc: 4.87 ng/ml



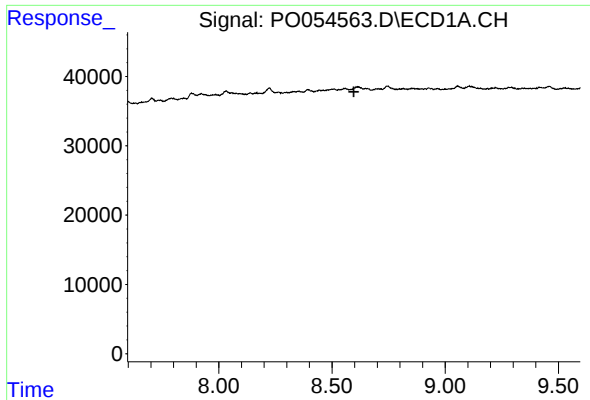
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.508 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

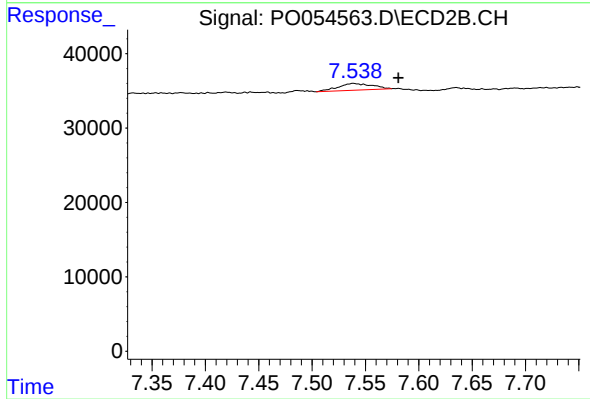
R.T.: 7.539 min  
Delta R.T.: 0.022 min  
Response: 19975  
Conc: 3.22 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.596 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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#42 AR-1268-2

R.T.: 7.539 min  
Delta R.T.: -0.042 min  
Response: 19975  
Conc: 3.58 ng/ml