

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081921\  
 Data File : PP038617.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Aug 2021 23:01  
 Operator : AJ\MA  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 20 01:41:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 18 04:51:26 2021  
 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... | 4.884  | 3.870 | 2021401 | 1278804 | 50.087   | 53.363     |
| 2)                          | SA Decachlor... | 10.873 | 9.131 | 1316709 | 1260183 | 53.517   | 51.741     |
|                             |                 |        |       |         |         |          |            |
| Target Compounds            |                 |        |       |         |         |          |            |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.377 | 0       | 252280  | N.D.     | 481.741 #  |
| 7)                          | L1 AR-1016-5    | 6.714  | 5.603 | 198104  | 174660  | 233.699  | 263.337    |
| 9)                          | L2 AR-1221-2    | 5.235  | 0.000 | 26986   | 0       | 76.177   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.420 | 0       | 67678   | N.D.     | 273.538 #  |
| 15)                         | L3 AR-1232-5    | 6.497  | 5.603 | 335041  | 174660  | 1246.834 | 646.006 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.420 | 0       | 67678   | N.D.     | 141.586 #  |
| 20)                         | L4 AR-1242-5    | 7.185  | 5.981 | 189152  | 631447  | 264.564  | 1020.028 # |
| 22)                         | L5 AR-1248-2    | 6.497  | 5.377 | 335041  | 252280  | 341.722  | 339.441    |
| 23)                         | L5 AR-1248-3    | 6.714  | 5.420 | 198104  | 67678   | 171.619  | 89.125 #   |
| 24)                         | L5 AR-1248-4    | 7.144  | 5.603 | 310363  | 174660  | 251.334  | 188.829    |
| 25)                         | L5 AR-1248-5    | 7.185  | 6.024 | 189152  | 74964   | 154.704  | 83.026 #   |
| 26)                         | L6 AR-1254-1    | 7.113  | 5.981 | 565964  | 631447  | 496.016  | 480.814    |
| 27)                         | L6 AR-1254-2    | 7.342  | 6.142 | 787944  | 545174  | 456.289  | 474.984    |
| 28)                         | L6 AR-1254-3    | 7.725  | 6.558 | 855780  | 924615  | 476.726  | 496.904    |
| 29)                         | L6 AR-1254-4    | 8.021  | 6.799 | 594756  | 564746  | 460.939  | 483.256    |
| 30)                         | L6 AR-1254-5    | 8.449  | 7.226 | 596191  | 767994  | 482.039  | 475.152    |
| 31)                         | L7 AR-1260-1    | 7.891  | 6.697 | 336457  | 437584  | 281.131  | 373.943 #  |
| 32)                         | L7 AR-1260-2    | 8.156  | 6.895 | 370382  | 325023  | 252.443  | 228.332    |
| 33)                         | L7 AR-1260-3    | 8.512  | 7.044 | 79099   | 378526  | 82.438   | 263.202 #  |
| 34)                         | L7 AR-1260-4    | 8.747  | 7.528 | 218364  | 35140   | 192.029  | 31.289 #   |
| 35)                         | L7 AR-1260-5    | 9.077  | 7.778 | 86778   | 66628   | 38.671   | 24.598 #   |
| 36)                         | L8 AR-1262-1    | 8.512  | 7.226 | 79099   | 767994  | 53.210   | 849.665 #  |
| 37)                         | L8 AR-1262-2    | 9.077  | 7.778 | 86778   | 66628   | 32.594   | 21.565 #   |
| 38)                         | L8 AR-1262-3    | 9.408f | 0.000 | 64566   | 0       | 54.189   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 9.455f | 8.121 | 22574   | 91393   | 28.020   | 38.670 #   |
| 41)                         | L9 AR-1268-1    | 9.408f | 0.000 | 64566   | 0       | 20.129   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.455f | 8.121 | 22574   | 91393   | 7.327    | 26.492 #   |
| -----                       |                 |        |       |         |         |          |            |

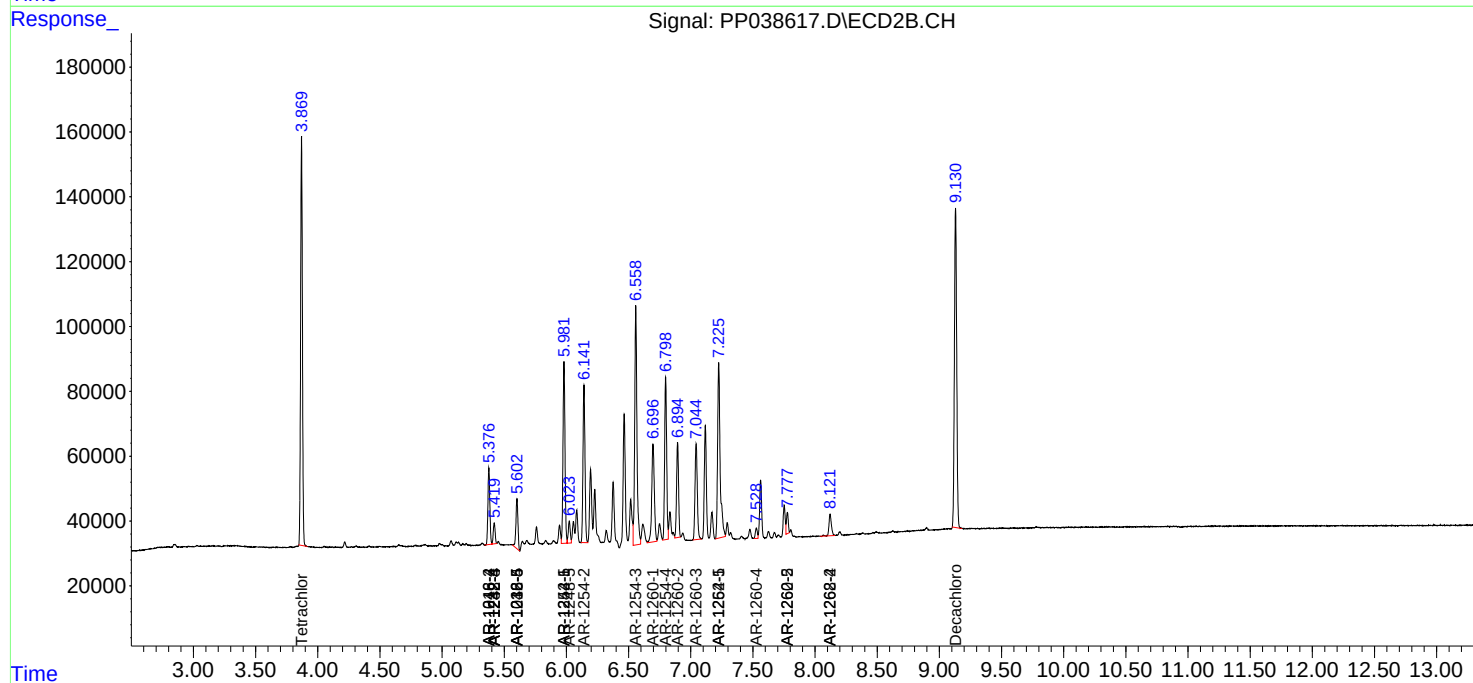
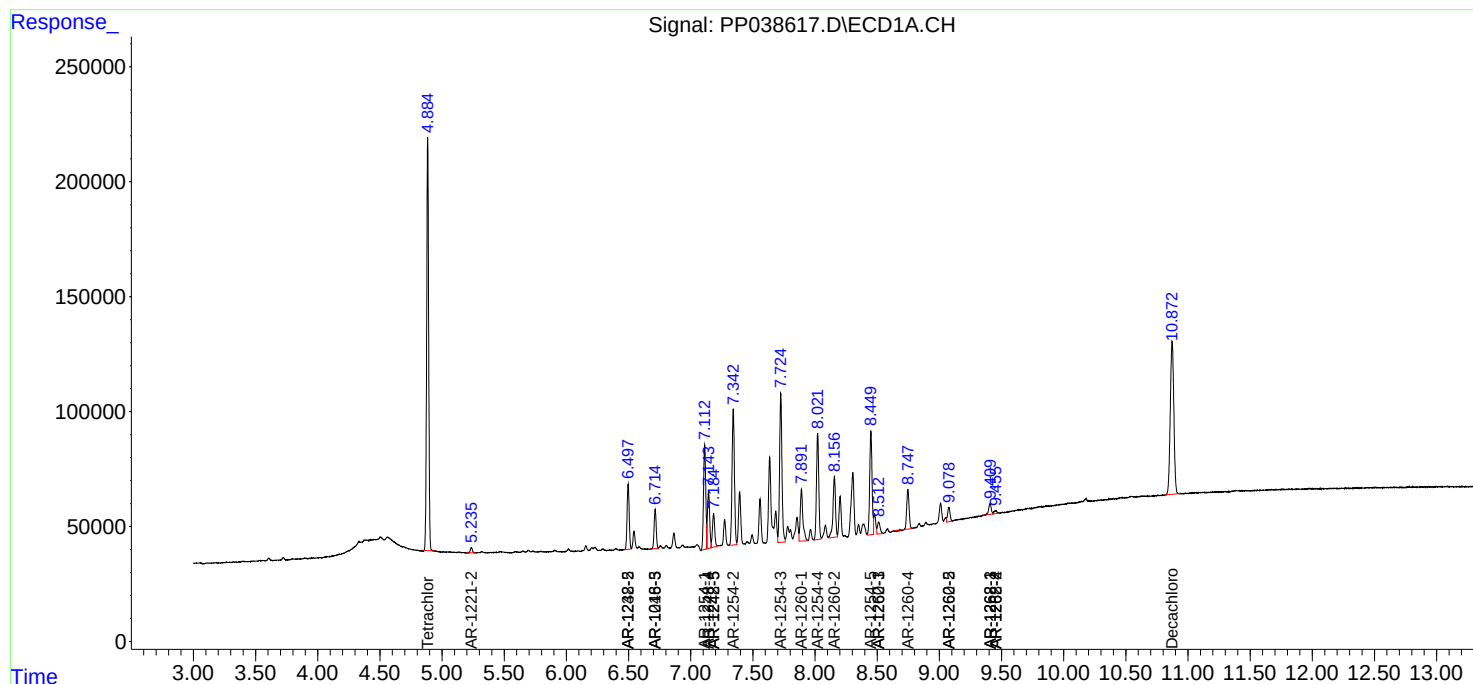
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

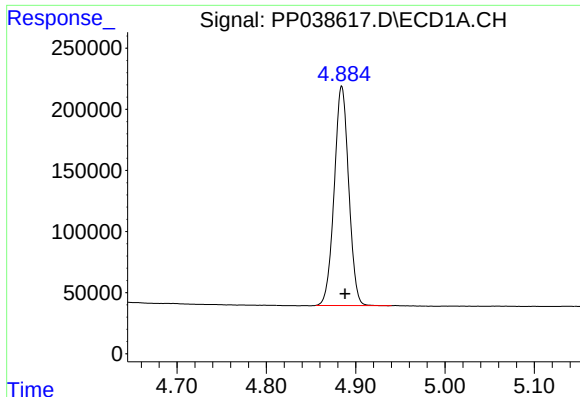
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081921\  
Data File : PP038617.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Aug 2021 23:01  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 01:41:55 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081721.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 18 04:51:26 2021  
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

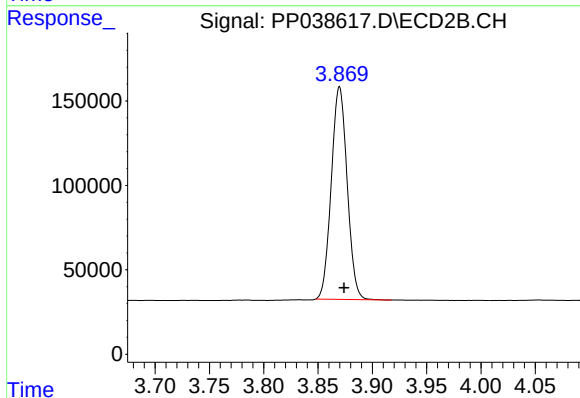




#1 Tetrachloro-m-xylene

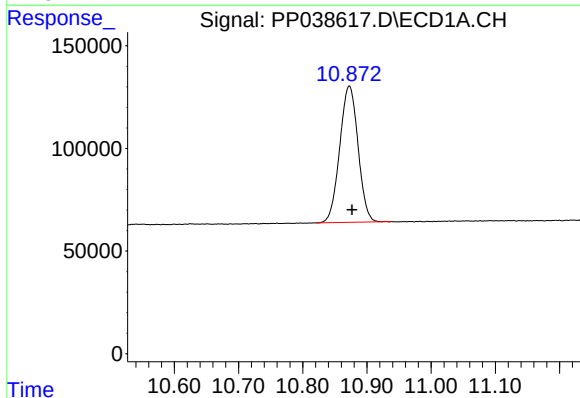
R.T.: 4.884 min  
Delta R.T.: -0.004 min  
Response: 2021401  
Conc: 50.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



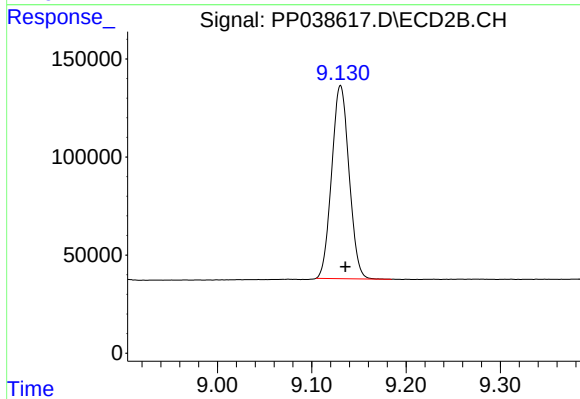
#1 Tetrachloro-m-xylene

R.T.: 3.870 min  
Delta R.T.: -0.004 min  
Response: 1278804  
Conc: 53.36 ng/ml



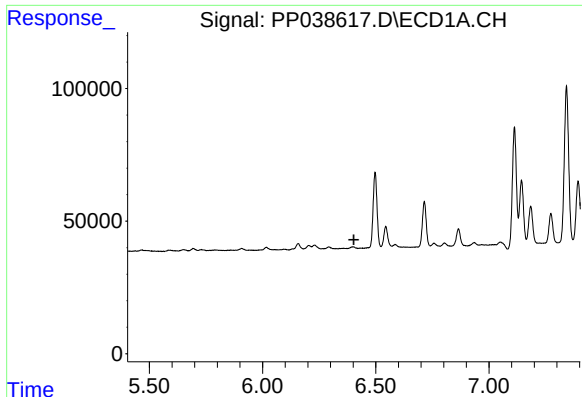
#2 Decachlorobiphenyl

R.T.: 10.873 min  
Delta R.T.: -0.004 min  
Response: 1316709  
Conc: 53.52 ng/ml



#2 Decachlorobiphenyl

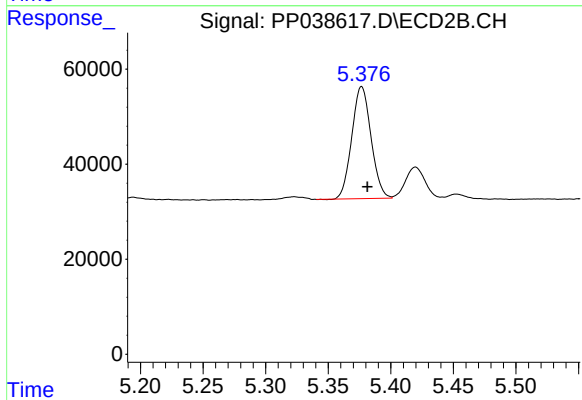
R.T.: 9.131 min  
Delta R.T.: -0.005 min  
Response: 1260183  
Conc: 51.74 ng/ml



#6 AR-1016-4

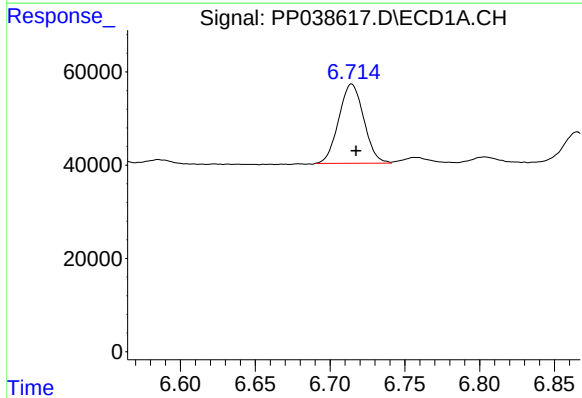
R.T.: 0.000 min  
Exp R.T.: 6.403 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



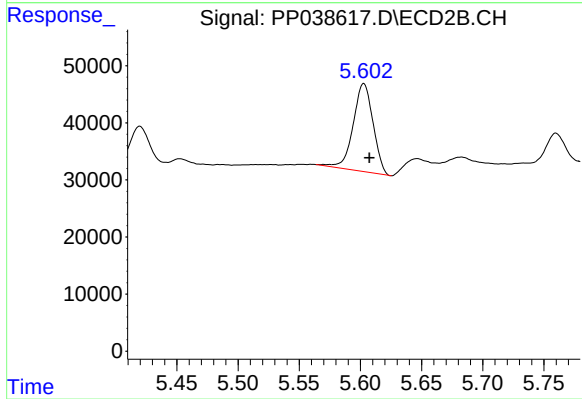
#6 AR-1016-4

R.T.: 5.377 min  
Delta R.T.: -0.005 min  
Response: 252280  
Conc: 481.74 ng/ml



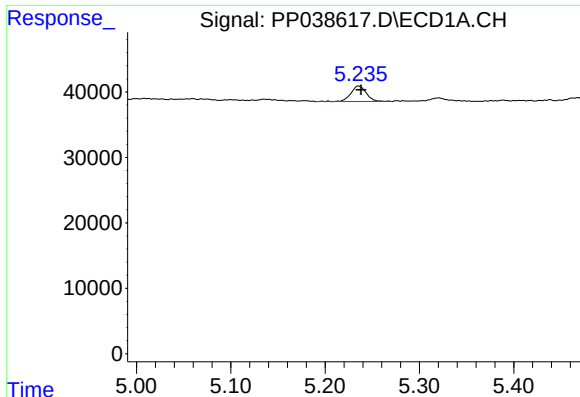
#7 AR-1016-5

R.T.: 6.714 min  
Delta R.T.: -0.003 min  
Response: 198104  
Conc: 233.70 ng/ml



#7 AR-1016-5

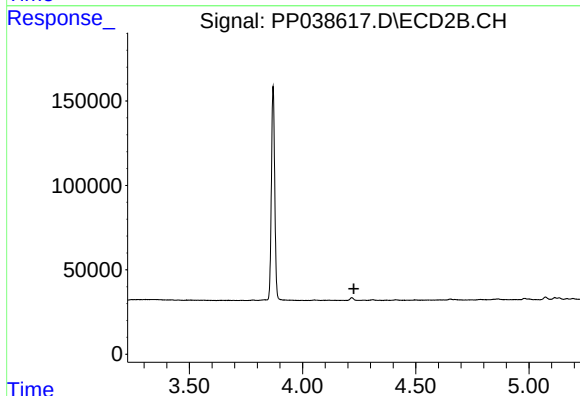
R.T.: 5.603 min  
Delta R.T.: -0.004 min  
Response: 174660  
Conc: 263.34 ng/ml



#9 AR-1221-2

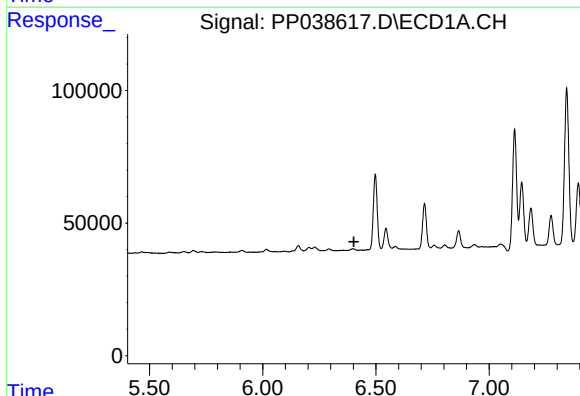
R.T.: 5.235 min  
Delta R.T.: -0.003 min  
Response: 26986  
Conc: 76.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



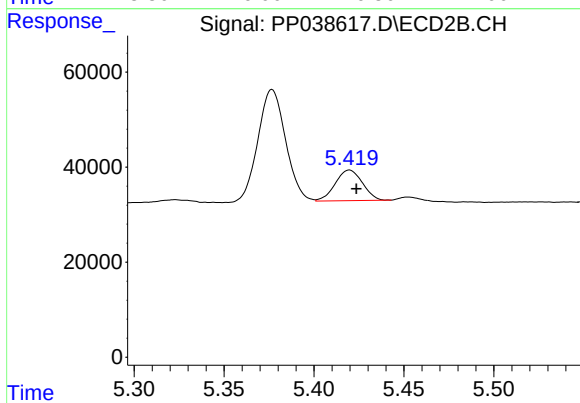
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.227 min  
Response: 0  
Conc: N.D.



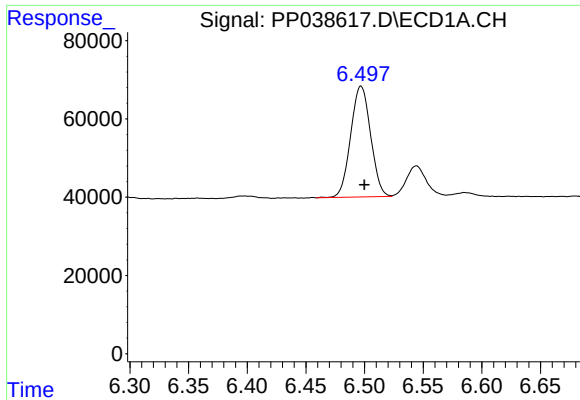
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.402 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

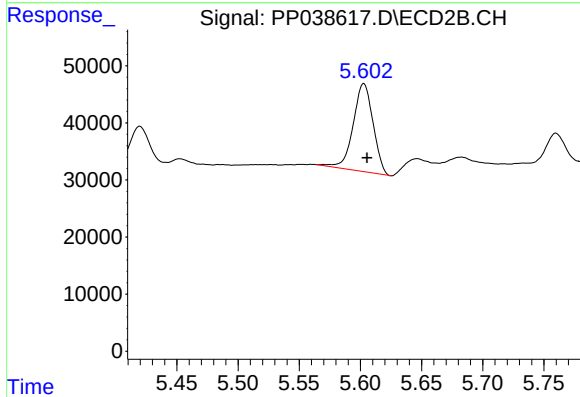
R.T.: 5.420 min  
Delta R.T.: -0.004 min  
Response: 67678  
Conc: 273.54 ng/ml



#15 AR-1232-5

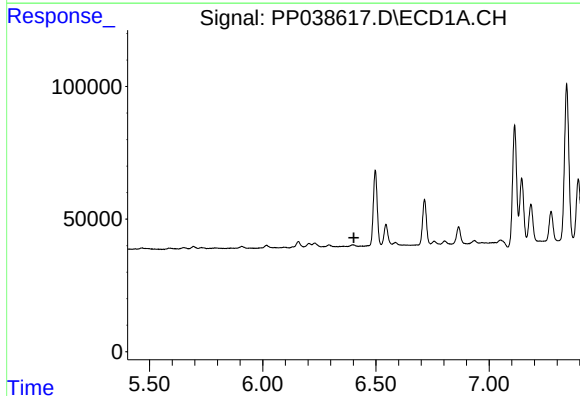
R.T.: 6.497 min  
Delta R.T.: -0.003 min  
Response: 335041  
Conc: 1246.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



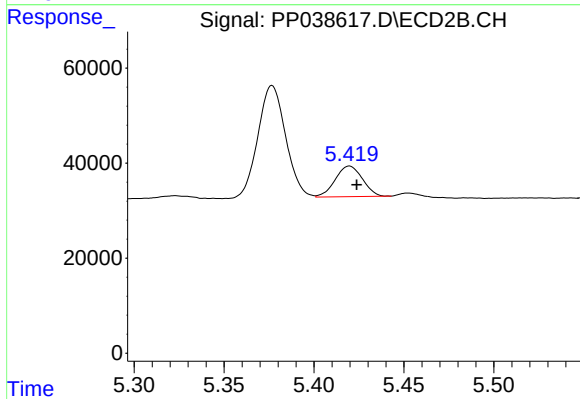
#15 AR-1232-5

R.T.: 5.603 min  
Delta R.T.: -0.003 min  
Response: 174660  
Conc: 646.01 ng/ml



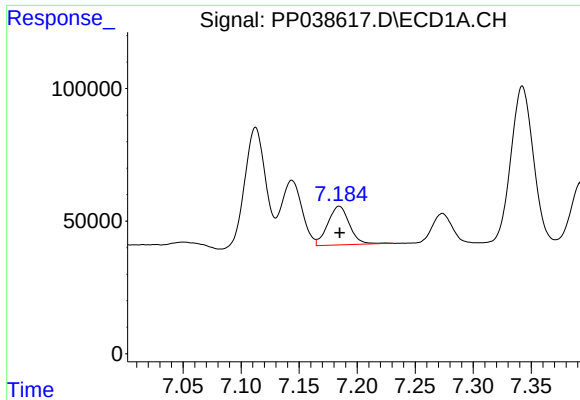
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.403 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

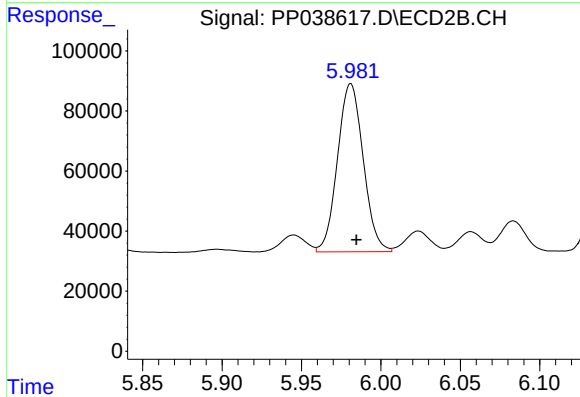
R.T.: 5.420 min  
Delta R.T.: -0.004 min  
Response: 67678  
Conc: 141.59 ng/ml



#20 AR-1242-5

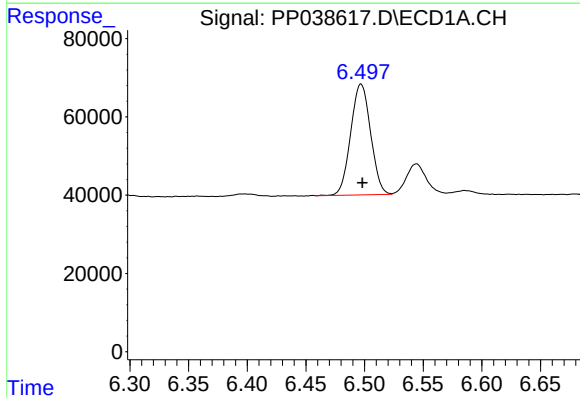
R.T.: 7.185 min  
Delta R.T.: 0.000 min  
Response: 189152  
Conc: 264.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



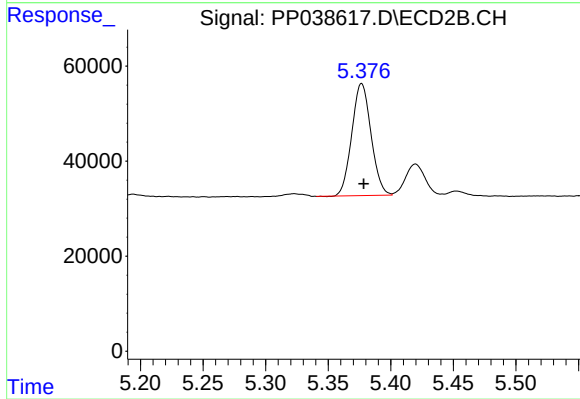
#20 AR-1242-5

R.T.: 5.981 min  
Delta R.T.: -0.003 min  
Response: 631447  
Conc: 1020.03 ng/ml



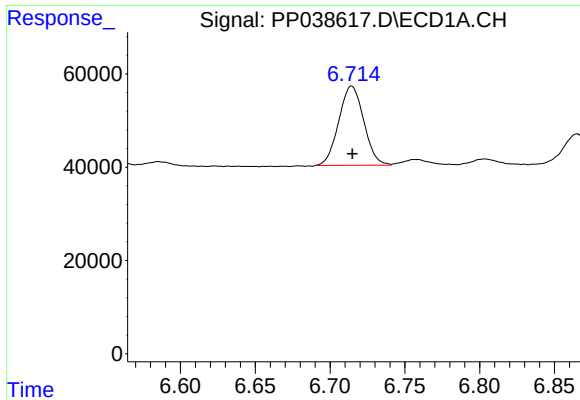
#22 AR-1248-2

R.T.: 6.497 min  
Delta R.T.: -0.001 min  
Response: 335041  
Conc: 341.72 ng/ml



#22 AR-1248-2

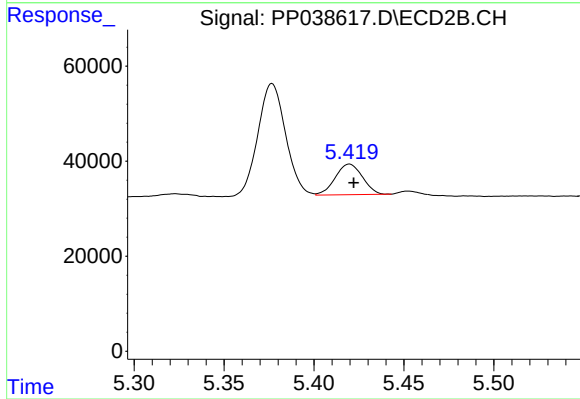
R.T.: 5.377 min  
Delta R.T.: -0.002 min  
Response: 252280  
Conc: 339.44 ng/ml



#23 AR-1248-3

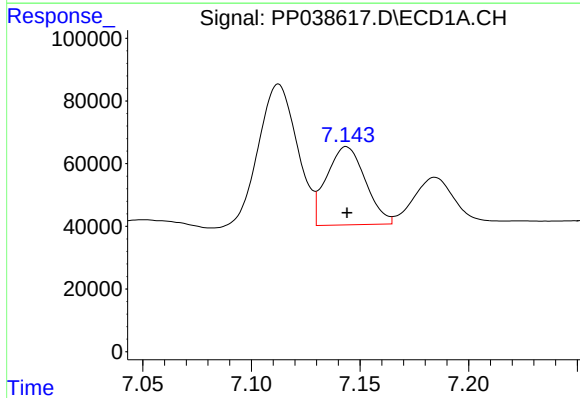
R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 198104  
Conc: 171.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



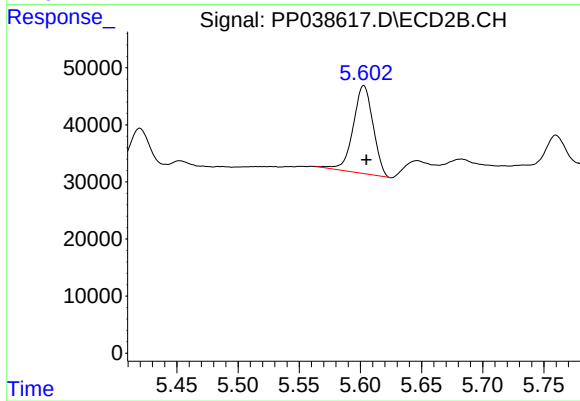
#23 AR-1248-3

R.T.: 5.420 min  
Delta R.T.: -0.002 min  
Response: 67678  
Conc: 89.13 ng/ml



#24 AR-1248-4

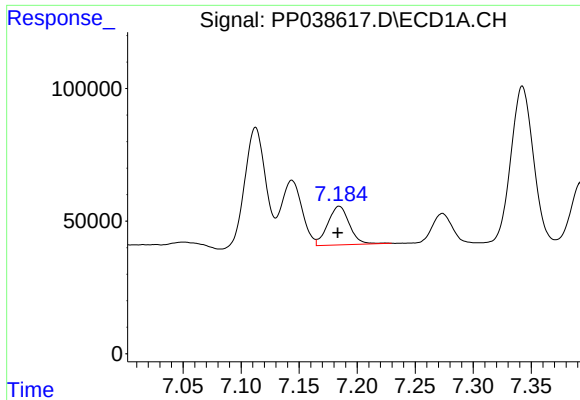
R.T.: 7.144 min  
Delta R.T.: 0.000 min  
Response: 310363  
Conc: 251.33 ng/ml



#24 AR-1248-4

R.T.: 5.603 min  
Delta R.T.: -0.002 min  
Response: 174660  
Conc: 188.83 ng/ml

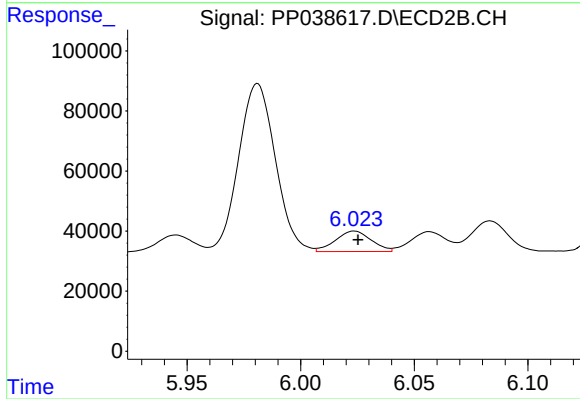




#25 AR-1248-5

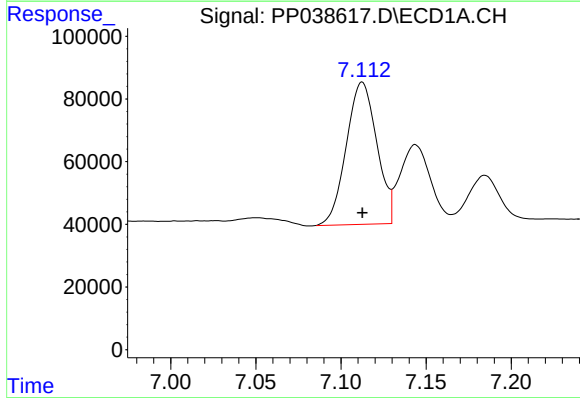
R.T.: 7.185 min  
Delta R.T.: 0.001 min  
Response: 189152  
Conc: 154.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



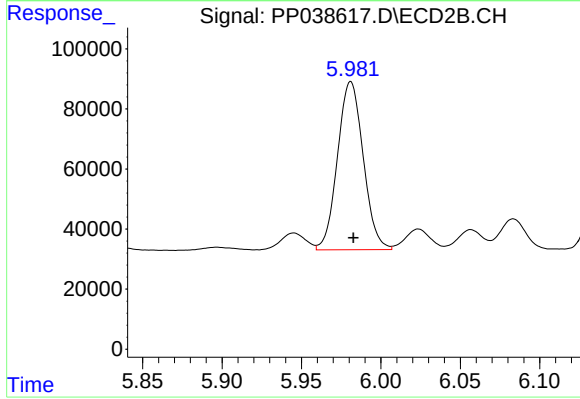
#25 AR-1248-5

R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 74964  
Conc: 83.03 ng/ml



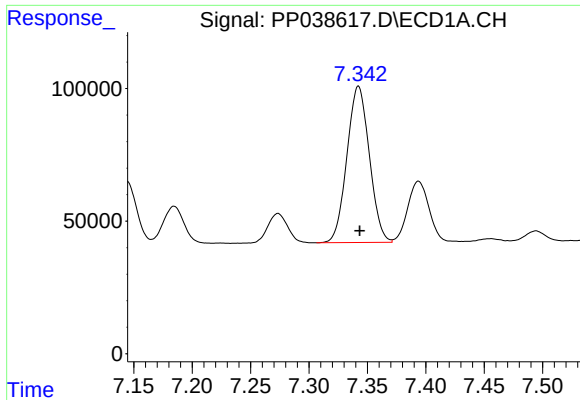
#26 AR-1254-1

R.T.: 7.113 min  
Delta R.T.: 0.000 min  
Response: 565964  
Conc: 496.02 ng/ml



#26 AR-1254-1

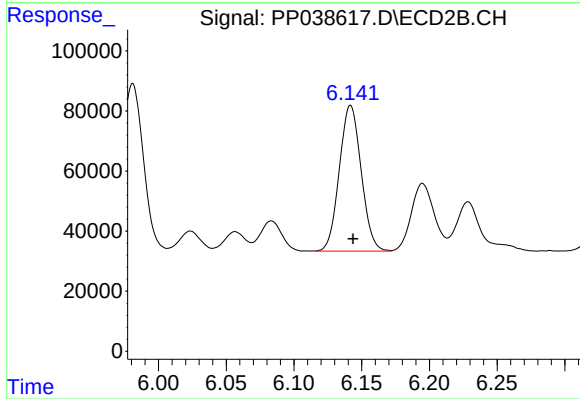
R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 631447  
Conc: 480.81 ng/ml



#27 AR-1254-2

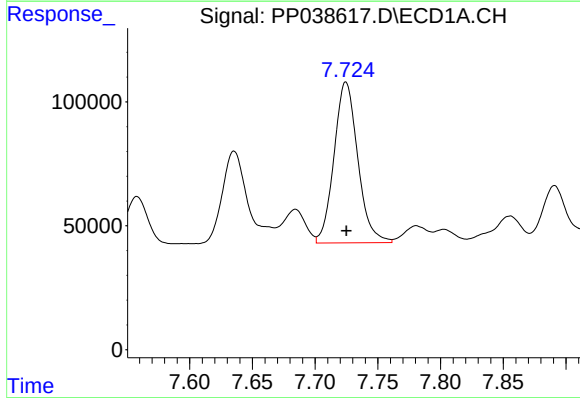
R.T.: 7.342 min  
Delta R.T.: 0.000 min  
Response: 787944  
Conc: 456.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



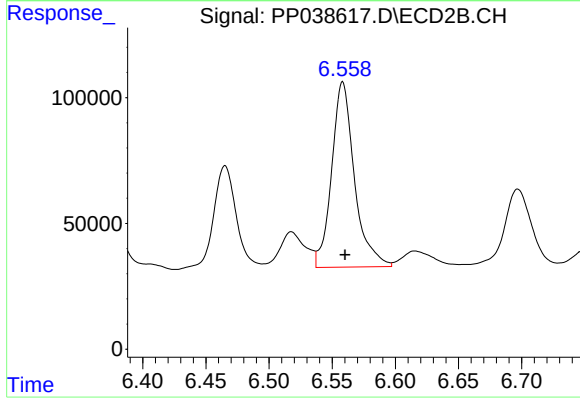
#27 AR-1254-2

R.T.: 6.142 min  
Delta R.T.: -0.002 min  
Response: 545174  
Conc: 474.98 ng/ml



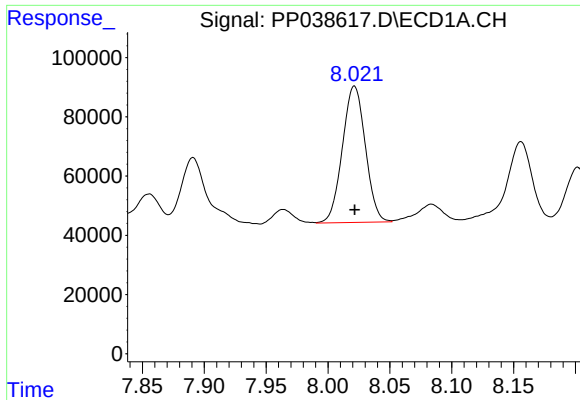
#28 AR-1254-3

R.T.: 7.725 min  
Delta R.T.: 0.000 min  
Response: 855780  
Conc: 476.73 ng/ml



#28 AR-1254-3

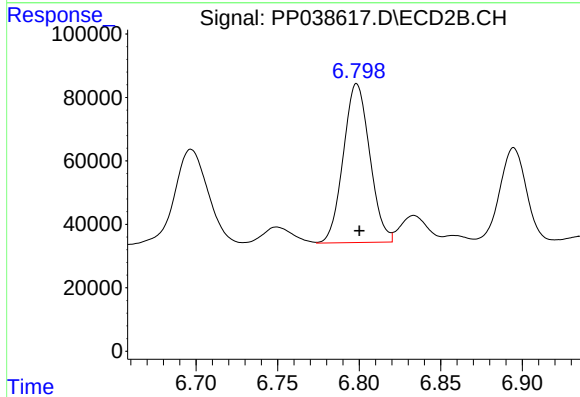
R.T.: 6.558 min  
Delta R.T.: -0.002 min  
Response: 924615  
Conc: 496.90 ng/ml



#29 AR-1254-4

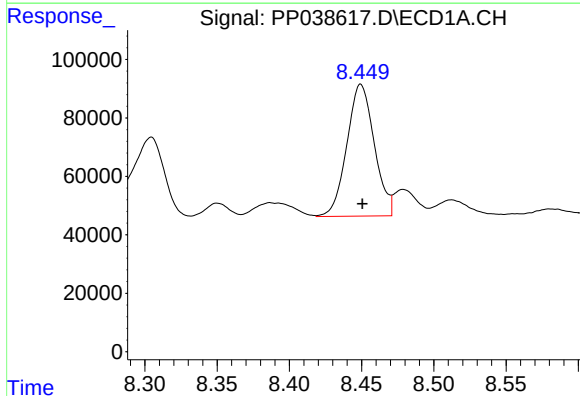
R.T.: 8.021 min  
Delta R.T.: 0.000 min  
Response: 594756  
Conc: 460.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



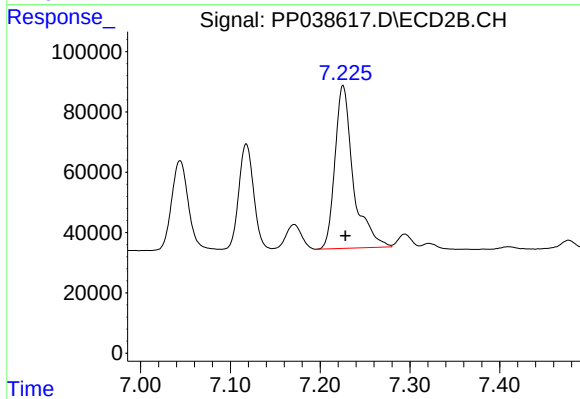
#29 AR-1254-4

R.T.: 6.799 min  
Delta R.T.: -0.002 min  
Response: 564746  
Conc: 483.26 ng/ml



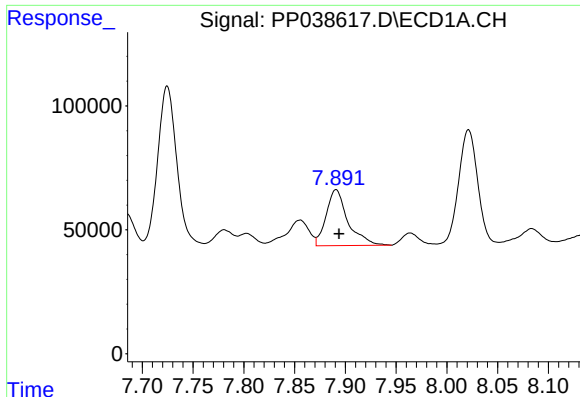
#30 AR-1254-5

R.T.: 8.449 min  
Delta R.T.: -0.001 min  
Response: 596191  
Conc: 482.04 ng/ml



#30 AR-1254-5

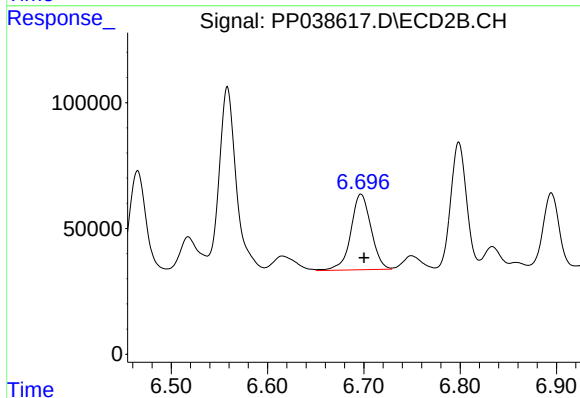
R.T.: 7.226 min  
Delta R.T.: -0.002 min  
Response: 767994  
Conc: 475.15 ng/ml



#31 AR-1260-1

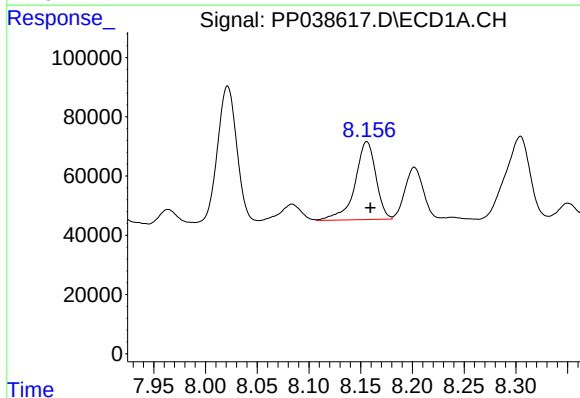
R.T.: 7.891 min  
Delta R.T.: -0.003 min  
Response: 336457  
Conc: 281.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



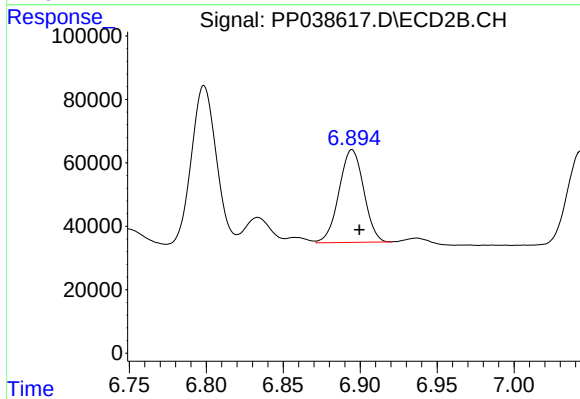
#31 AR-1260-1

R.T.: 6.697 min  
Delta R.T.: -0.003 min  
Response: 437584  
Conc: 373.94 ng/ml



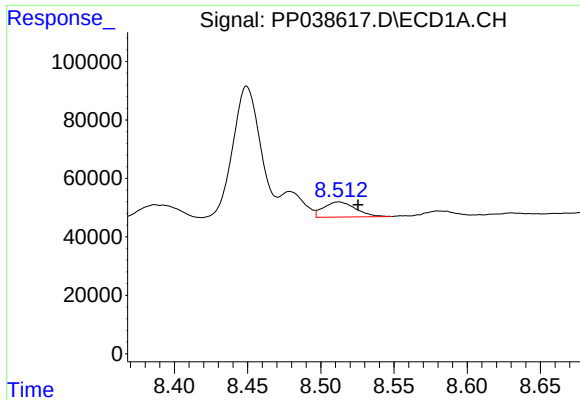
#32 AR-1260-2

R.T.: 8.156 min  
Delta R.T.: -0.004 min  
Response: 370382  
Conc: 252.44 ng/ml



#32 AR-1260-2

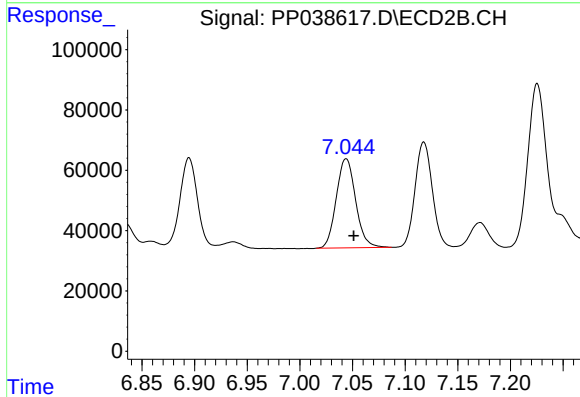
R.T.: 6.895 min  
Delta R.T.: -0.005 min  
Response: 325023  
Conc: 228.33 ng/ml



#33 AR-1260-3

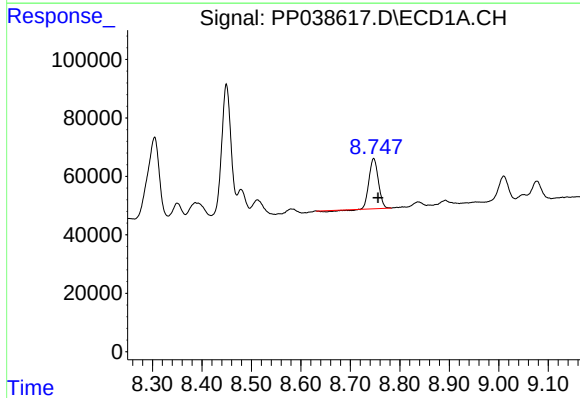
R.T.: 8.512 min  
Delta R.T.: -0.013 min  
Response: 79099  
Conc: 82.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



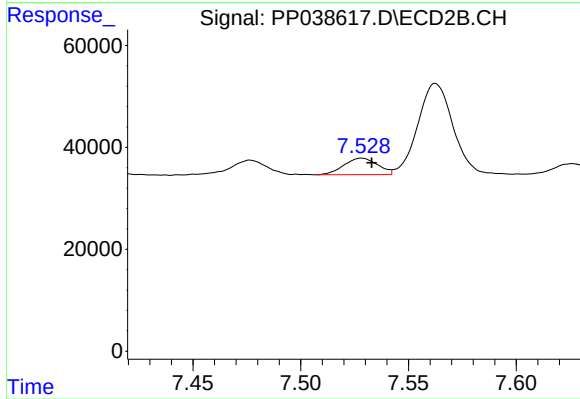
#33 AR-1260-3

R.T.: 7.044 min  
Delta R.T.: -0.007 min  
Response: 378526  
Conc: 263.20 ng/ml



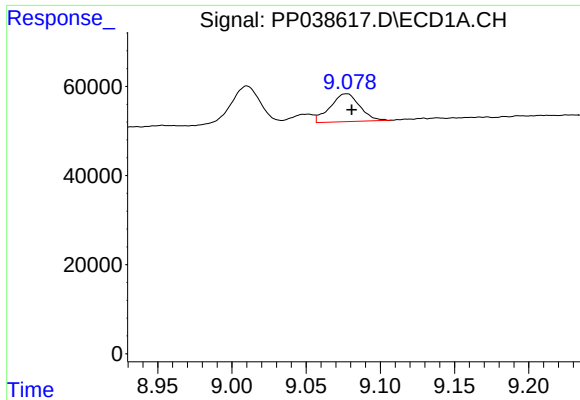
#34 AR-1260-4

R.T.: 8.747 min  
Delta R.T.: -0.009 min  
Response: 218364  
Conc: 192.03 ng/ml



#34 AR-1260-4

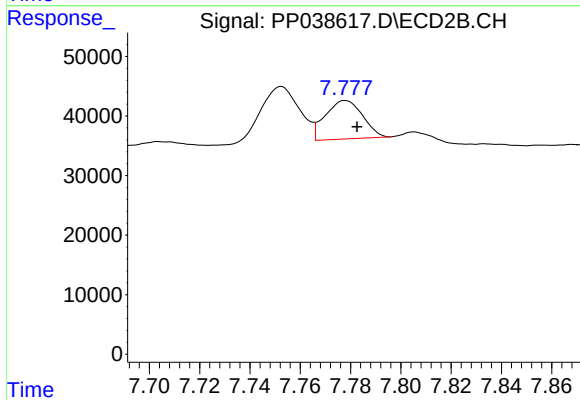
R.T.: 7.528 min  
Delta R.T.: -0.005 min  
Response: 35140  
Conc: 31.29 ng/ml



#35 AR-1260-5

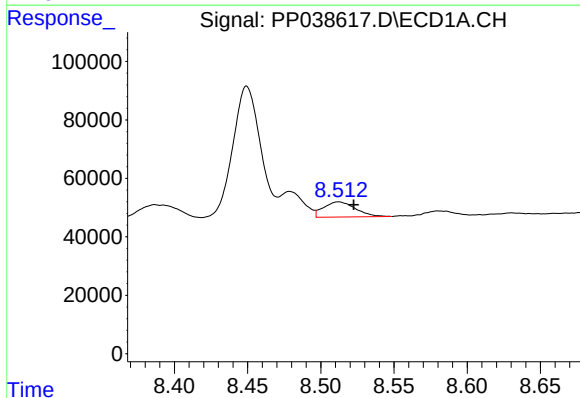
R.T.: 9.077 min  
Delta R.T.: -0.003 min  
Response: 86778  
Conc: 38.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



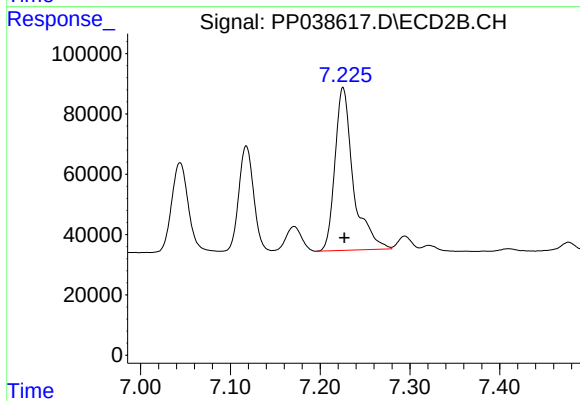
#35 AR-1260-5

R.T.: 7.778 min  
Delta R.T.: -0.005 min  
Response: 66628  
Conc: 24.60 ng/ml



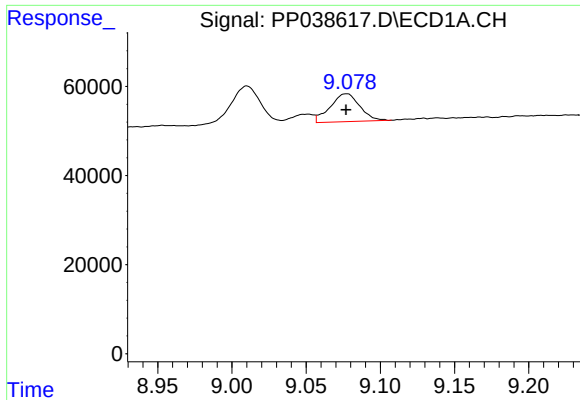
#36 AR-1262-1

R.T.: 8.512 min  
Delta R.T.: -0.010 min  
Response: 79099  
Conc: 53.21 ng/ml



#36 AR-1262-1

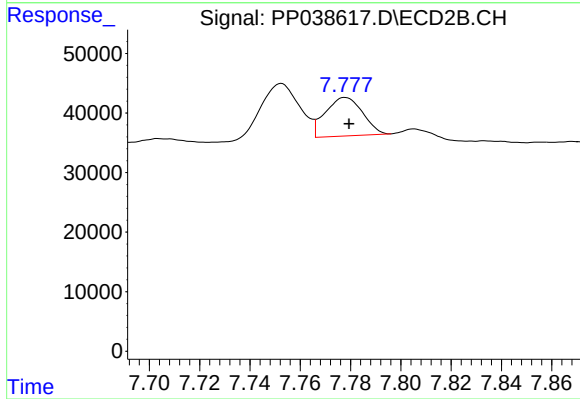
R.T.: 7.226 min  
Delta R.T.: -0.001 min  
Response: 767994  
Conc: 849.67 ng/ml



#37 AR-1262-2

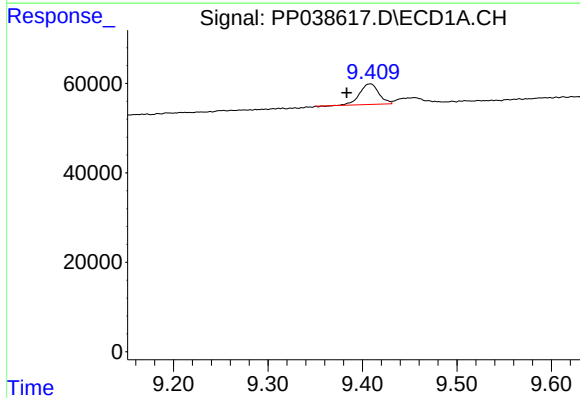
R.T.: 9.077 min  
Delta R.T.: 0.000 min  
Response: 86778  
Conc: 32.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



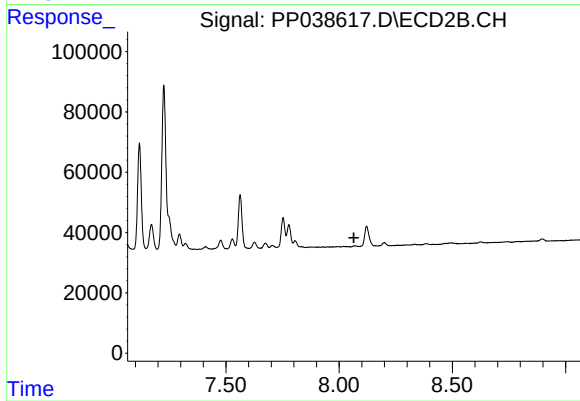
#37 AR-1262-2

R.T.: 7.778 min  
Delta R.T.: -0.001 min  
Response: 66628  
Conc: 21.57 ng/ml



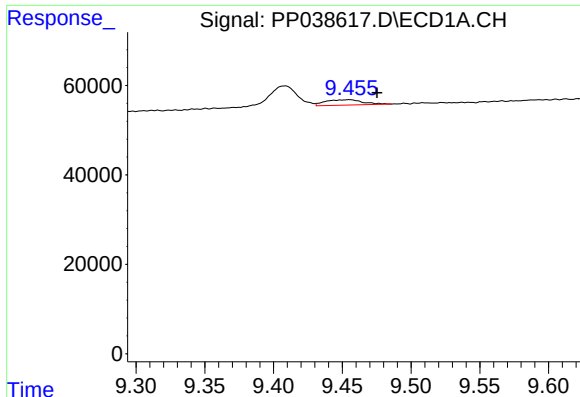
#38 AR-1262-3

R.T.: 9.408 min  
Delta R.T.: 0.025 min  
Response: 64566  
Conc: 54.19 ng/ml



#38 AR-1262-3

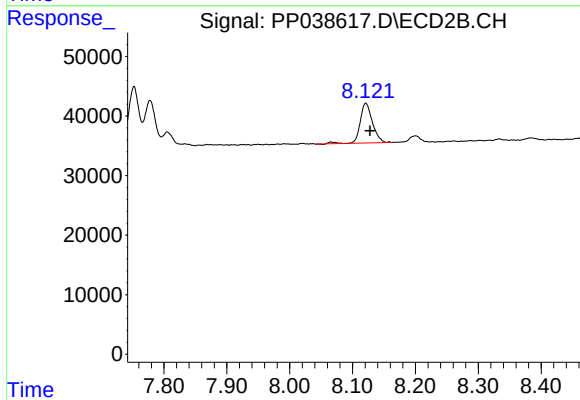
R.T.: 0.000 min  
Exp R.T.: 8.065 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

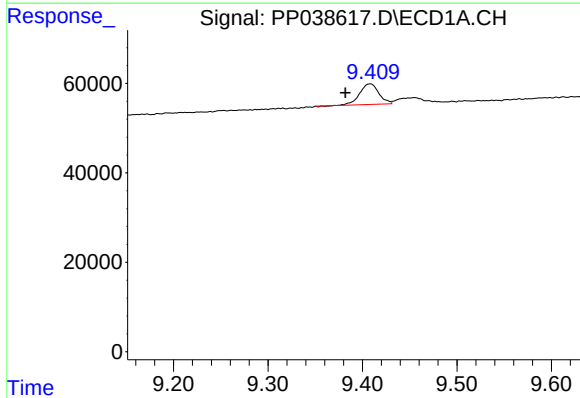
R.T.: 9.455 min  
Delta R.T.: -0.020 min  
Response: 22574  
Conc: 28.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



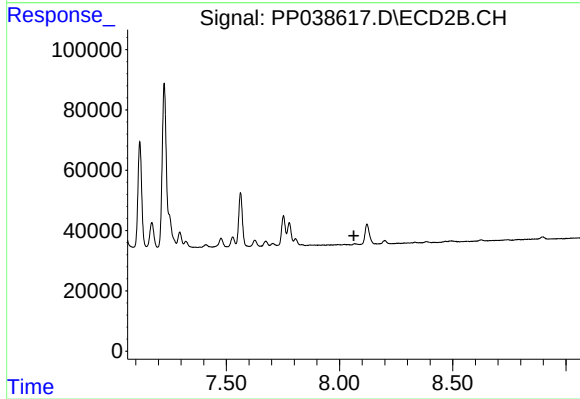
#39 AR-1262-4

R.T.: 8.121 min  
Delta R.T.: -0.007 min  
Response: 91393  
Conc: 38.67 ng/ml



#41 AR-1268-1

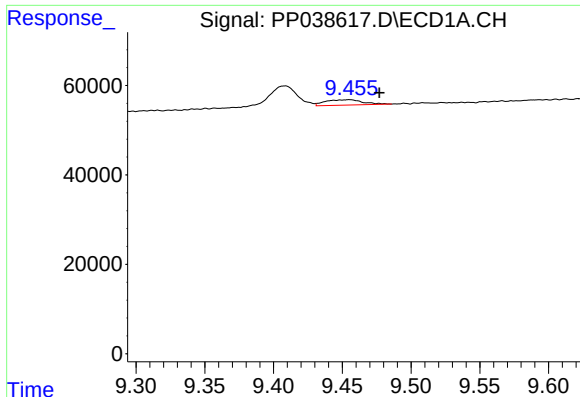
R.T.: 9.408 min  
Delta R.T.: 0.026 min  
Response: 64566  
Conc: 20.13 ng/ml



#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.063 min  
Response: 0  
Conc: N.D.

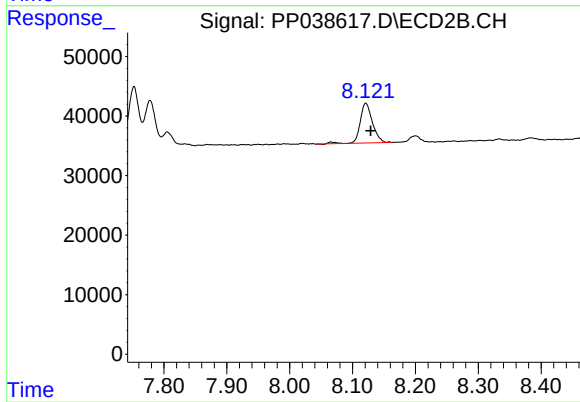




#42 AR-1268-2

R.T.: 9.455 min  
Delta R.T.: -0.022 min  
Response: 22574  
Conc: 7.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



#42 AR-1268-2

R.T.: 8.121 min  
Delta R.T.: -0.008 min  
Response: 91393  
Conc: 26.49 ng/ml