

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0032421\  
 Data File : P0076498.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Mar 2021 4:19  
 Operator : DD\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 05:29:36 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 24 05:28:57 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... | 4.914  | 3.928 | 5029415 | 2880544 | 53.144   | 51.113     |
| 2)                          | SA Decachlor... | 10.888 | 9.186 | 3571208 | 2424169 | 52.704   | 51.058     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.236  | 5.177 | 41873   | 16422   | 15.494   | 9.971 #    |
| 4)                          | L1 AR-1016-2    | 6.264  | 5.198 | 60563   | 12676   | 14.732   | 4.368 #    |
| 5)                          | L1 AR-1016-3    | 6.325  | 0.000 | 27513   | 0       | 11.403   | N.D. #     |
| 6)                          | L1 AR-1016-4    | 6.429  | 5.436 | 21435   | 637122  | 11.059   | 567.597 #  |
| 7)                          | L1 AR-1016-5    | 6.746  | 5.663 | 567277  | 382959  | 291.254  | 278.112    |
| 9)                          | L2 AR-1221-2    | 5.267  | 4.278 | 60800   | 32620   | 89.780   | 75.701     |
| 10)                         | L2 AR-1221-3    | 5.352  | 0.000 | 20853   | 0       | 9.637    | N.D. #     |
| 11)                         | L3 AR-1232-1    | 5.352  | 0.000 | 20853   | 0       | 11.788   | N.D. #     |
| 12)                         | L3 AR-1232-2    | 5.941  | 5.198 | 45773   | 12676   | 51.608   | 10.605 #   |
| 13)                         | L3 AR-1232-3    | 6.264  | 0.000 | 60563   | 0       | 35.865   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 6.429  | 5.479 | 21435   | 206569  | 27.376   | 402.353 #  |
| 15)                         | L3 AR-1232-5    | 6.528  | 5.663 | 993273  | 382959  | 1801.804 | 702.026 #  |
| 16)                         | L4 AR-1242-1    | 6.236  | 5.177 | 41873   | 16422   | 18.731   | 12.750 #   |
| 17)                         | L4 AR-1242-2    | 6.264  | 5.198 | 60563   | 12676   | 17.825   | 5.409 #    |
| 18)                         | L4 AR-1242-3    | 6.325  | 0.000 | 27513   | 0       | 13.614   | N.D. #     |
| 19)                         | L4 AR-1242-4    | 6.429  | 5.479 | 21435   | 206569  | 13.309   | 186.443 #  |
| 20)                         | L4 AR-1242-5    | 7.216  | 6.041 | 551260  | 1520037 | 315.607  | 1145.966 # |
| 21)                         | L5 AR-1248-1    | 6.236  | 5.177 | 41873   | 16422   | 25.297   | 16.385 #   |
| 22)                         | L5 AR-1248-2    | 6.528  | 5.436 | 993273  | 637122  | 406.904  | 391.305    |
| 23)                         | L5 AR-1248-3    | 6.746  | 5.479 | 567277  | 206569  | 198.009  | 125.144 #  |
| 24)                         | L5 AR-1248-4    | 7.175  | 5.663 | 839321  | 382959  | 268.793  | 196.982 #  |
| 25)                         | L5 AR-1248-5    | 7.216  | 6.086 | 551260  | 186949  | 177.035  | 100.892 #  |
| 26)                         | L6 AR-1254-1    | 7.144  | 6.041 | 1743375 | 1520037 | 524.878  | 513.193    |
| 27)                         | L6 AR-1254-2    | 7.372  | 6.200 | 2710399 | 1330244 | 526.606  | 511.997    |
| 28)                         | L6 AR-1254-3    | 7.754  | 6.617 | 2803860 | 2077046 | 527.117  | 518.587    |
| 29)                         | L6 AR-1254-4    | 8.050  | 6.857 | 1915537 | 1227066 | 531.100  | 517.868    |
| 30)                         | L6 AR-1254-5    | 8.477  | 7.283 | 2097614 | 1834313 | 535.131  | 520.437    |
| 31)                         | L7 AR-1260-1    | 7.921  | 6.754 | 1097876 | 1039328 | 319.487  | 405.532 #  |
| 32)                         | L7 AR-1260-2    | 8.185  | 6.950 | 1200299 | 870628  | 296.036  | 280.730    |
| 33)                         | L7 AR-1260-3    | 8.539  | 7.101 | 269903  | 858215  | 89.338   | 292.133 #  |
| 34)                         | L7 AR-1260-4    | 8.774  | 7.584 | 778474  | 89240   | 223.390  | 37.443 #   |
| 35)                         | L7 AR-1260-5    | 9.104  | 7.831 | 271614  | 168497  | 40.192   | 29.700 #   |
| -----                       |                 |        |       |         |         |          |            |

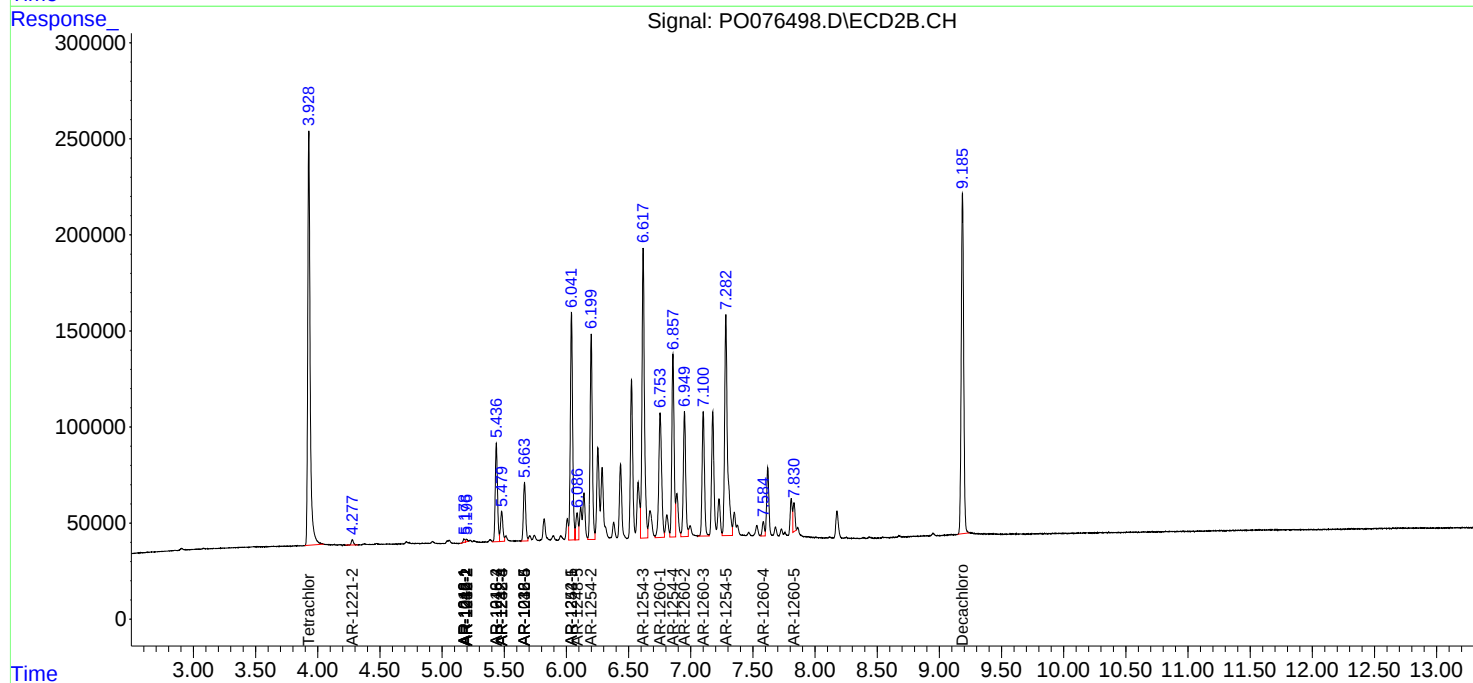
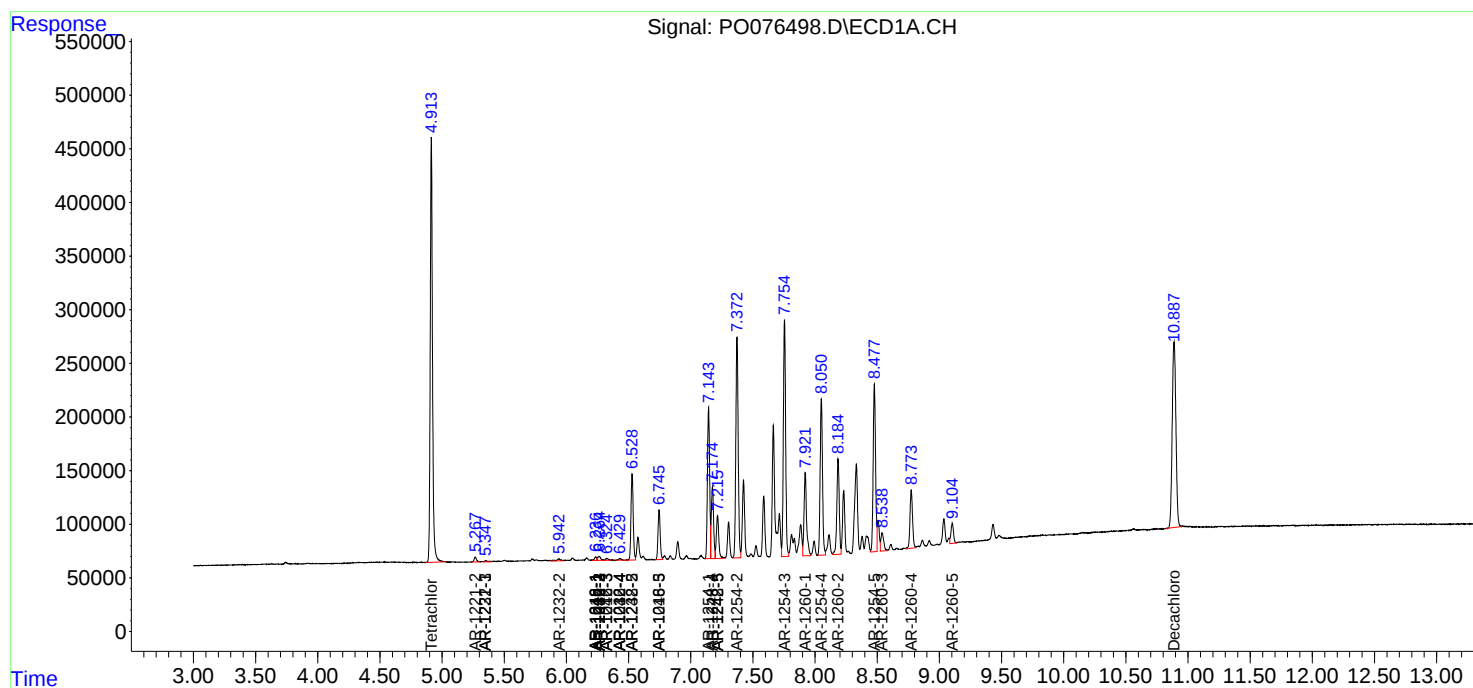
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

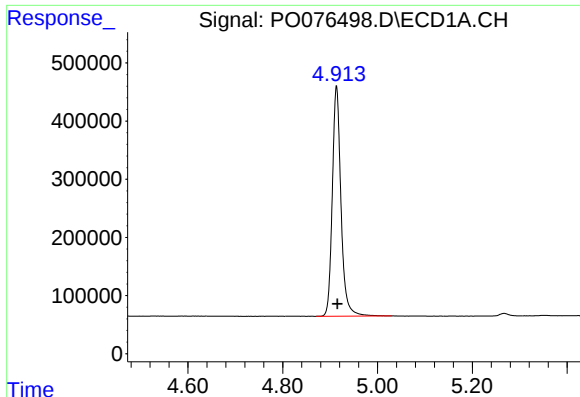
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0032421\  
Data File : P0076498.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 24 Mar 2021 4:19  
Operator : DD\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 05:29:36 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 24 05:28:57 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

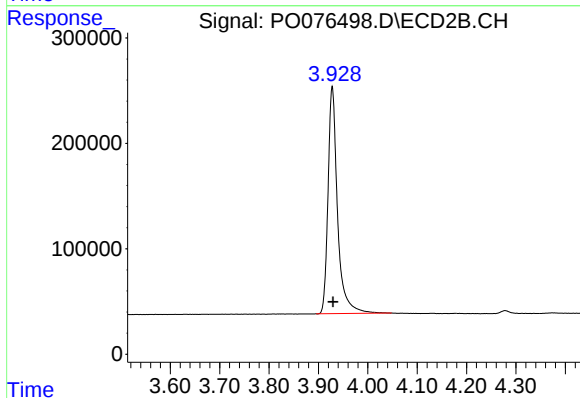




#1 Tetrachloro-m-xylene

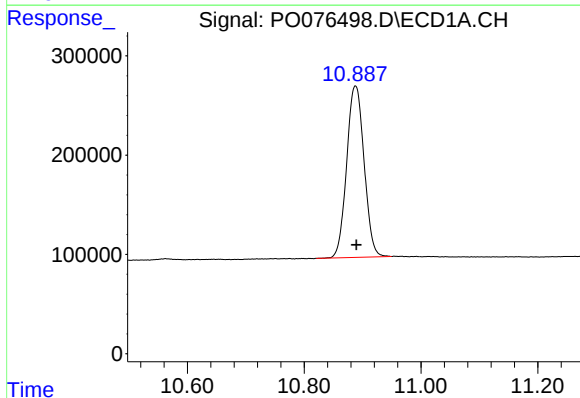
R.T.: 4.914 min  
Delta R.T.: -0.001 min  
Response: 5029415  
Conc: 53.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



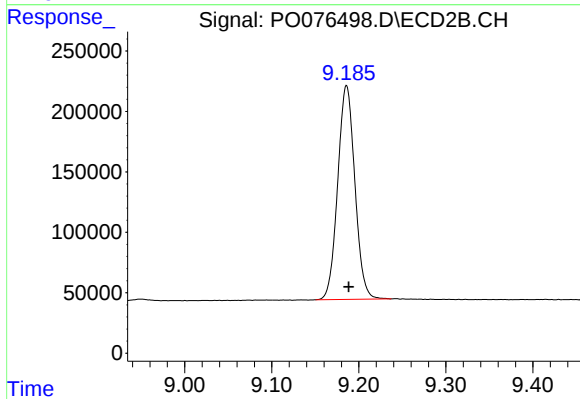
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 2880544  
Conc: 51.11 ng/ml



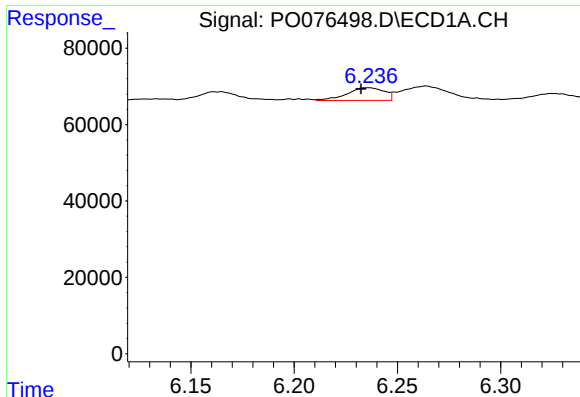
#2 Decachlorobiphenyl

R.T.: 10.888 min  
Delta R.T.: -0.001 min  
Response: 3571208  
Conc: 52.70 ng/ml



#2 Decachlorobiphenyl

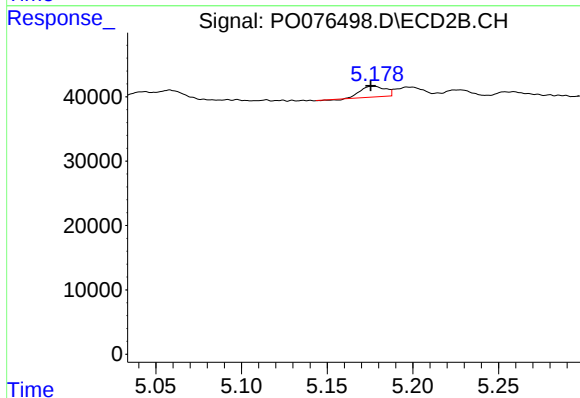
R.T.: 9.186 min  
Delta R.T.: -0.003 min  
Response: 2424169  
Conc: 51.06 ng/ml



#3 AR-1016-1

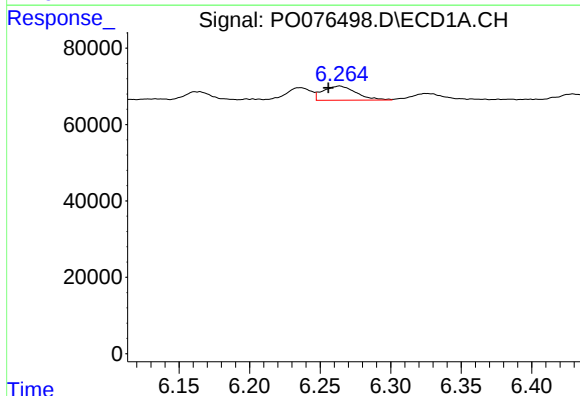
R.T.: 6.236 min  
Delta R.T.: 0.003 min  
Response: 41873  
Conc: 15.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



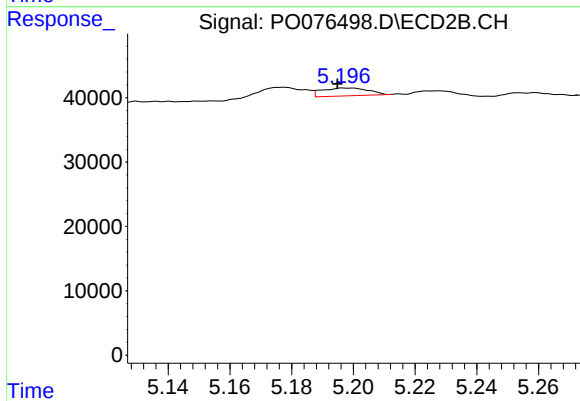
#3 AR-1016-1

R.T.: 5.177 min  
Delta R.T.: 0.002 min  
Response: 16422  
Conc: 9.97 ng/ml



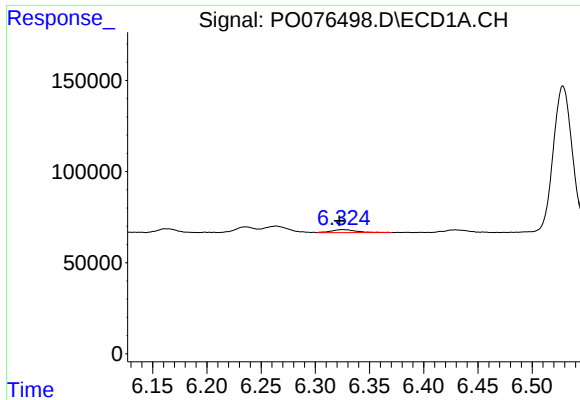
#4 AR-1016-2

R.T.: 6.264 min  
Delta R.T.: 0.008 min  
Response: 60563  
Conc: 14.73 ng/ml



#4 AR-1016-2

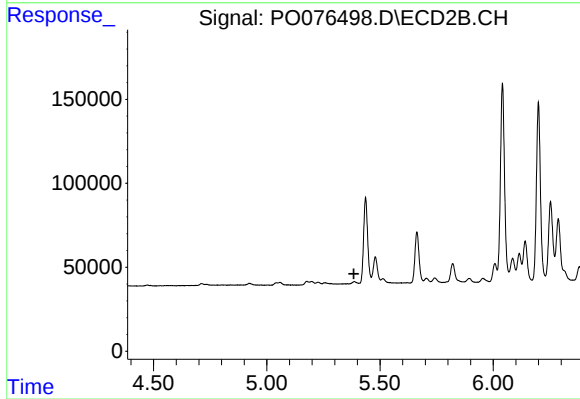
R.T.: 5.198 min  
Delta R.T.: 0.003 min  
Response: 12676  
Conc: 4.37 ng/ml



#5 AR-1016-3

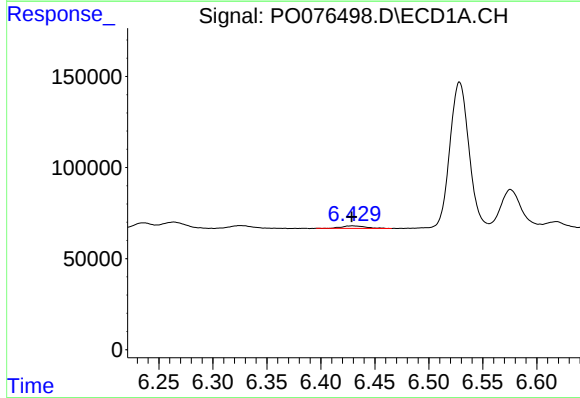
R.T.: 6.325 min  
Delta R.T.: 0.003 min  
Response: 27513  
Conc: 11.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



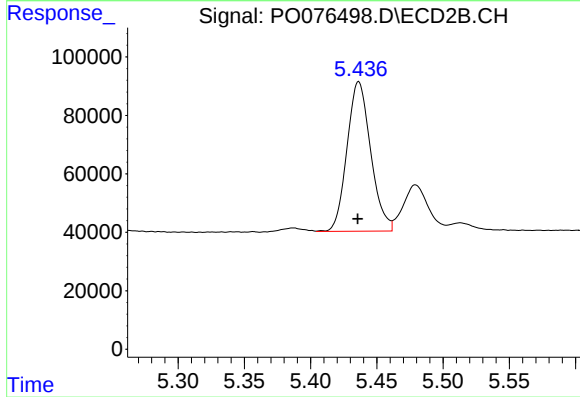
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.384 min  
Response: 0  
Conc: N.D.



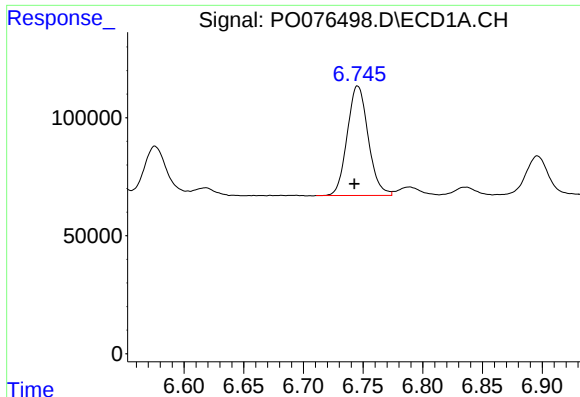
#6 AR-1016-4

R.T.: 6.429 min  
Delta R.T.: 0.000 min  
Response: 21435  
Conc: 11.06 ng/ml



#6 AR-1016-4

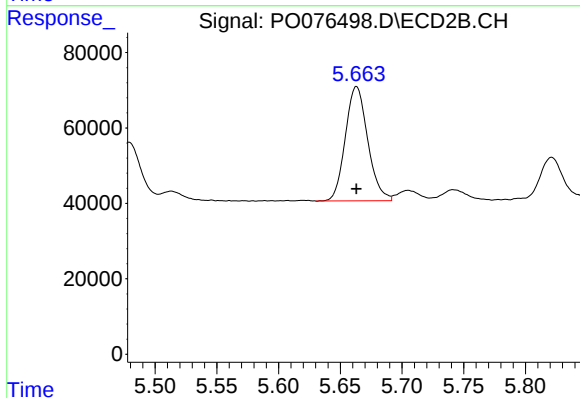
R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 637122  
Conc: 567.60 ng/ml



#7 AR-1016-5

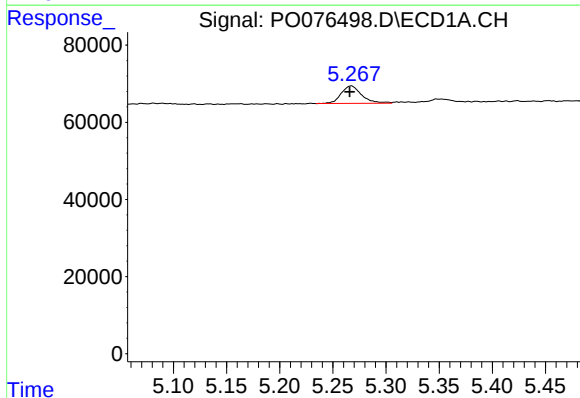
R.T.: 6.746 min  
Delta R.T.: 0.003 min  
Response: 567277  
Conc: 291.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



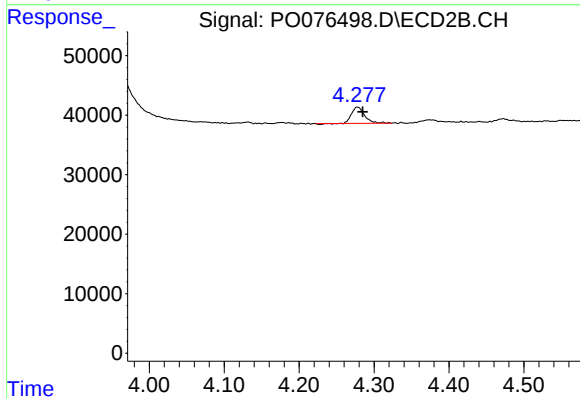
#7 AR-1016-5

R.T.: 5.663 min  
Delta R.T.: 0.000 min  
Response: 382959  
Conc: 278.11 ng/ml



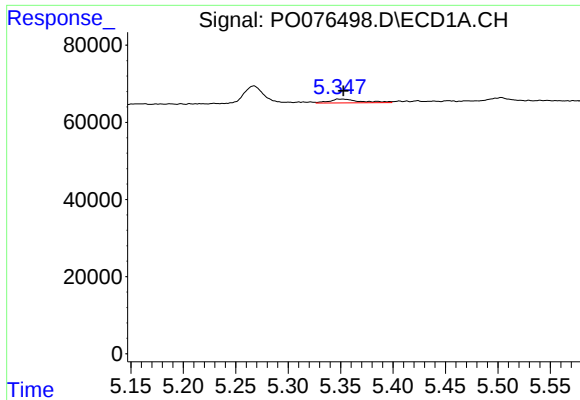
#9 AR-1221-2

R.T.: 5.267 min  
Delta R.T.: 0.001 min  
Response: 60800  
Conc: 89.78 ng/ml



#9 AR-1221-2

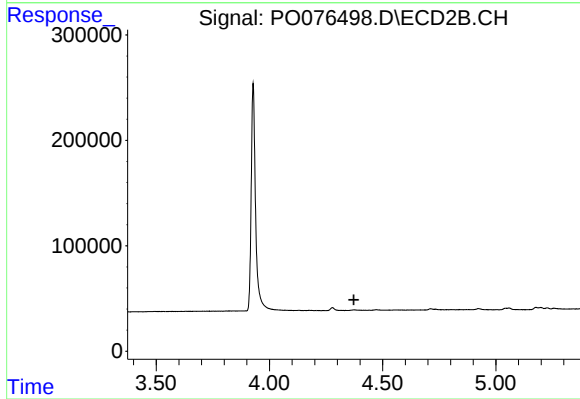
R.T.: 4.278 min  
Delta R.T.: -0.007 min  
Response: 32620  
Conc: 75.70 ng/ml



#10 AR-1221-3

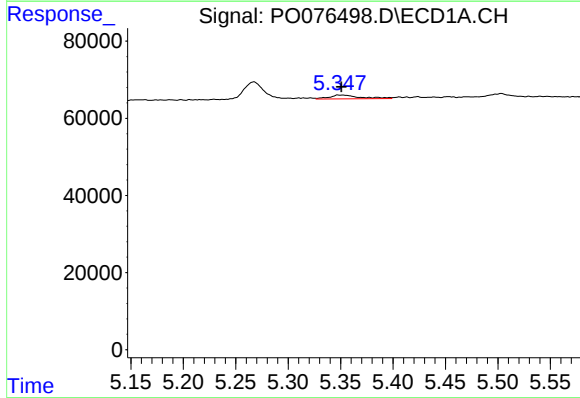
R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 20853  
Conc: 9.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



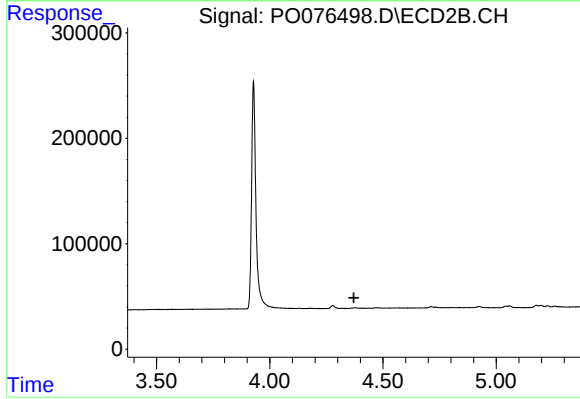
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.373 min  
Response: 0  
Conc: N.D.



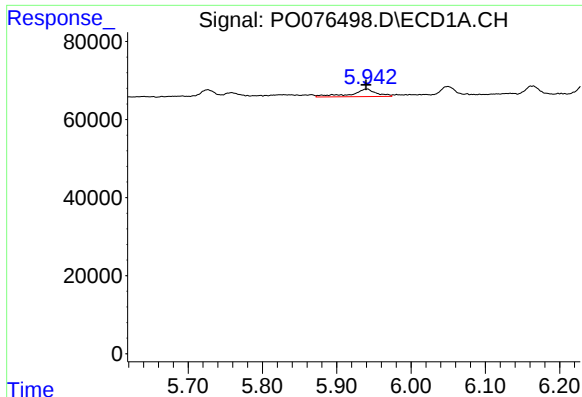
#11 AR-1232-1

R.T.: 5.352 min  
Delta R.T.: 0.000 min  
Response: 20853  
Conc: 11.79 ng/ml



#11 AR-1232-1

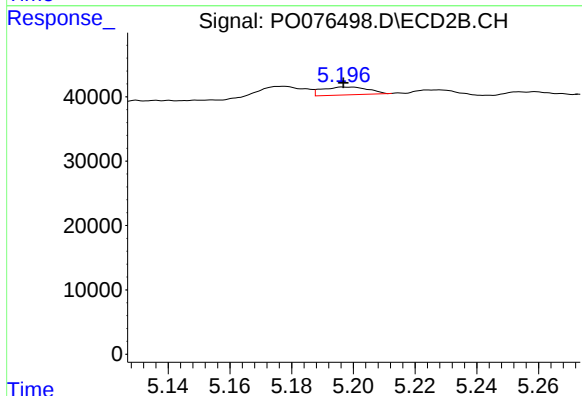
R.T.: 0.000 min  
Exp R.T. : 4.372 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

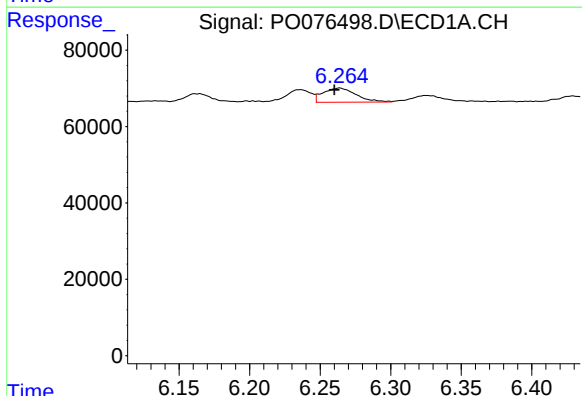
R.T.: 5.941 min  
Delta R.T.: 0.001 min  
Response: 45773  
Conc: 51.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



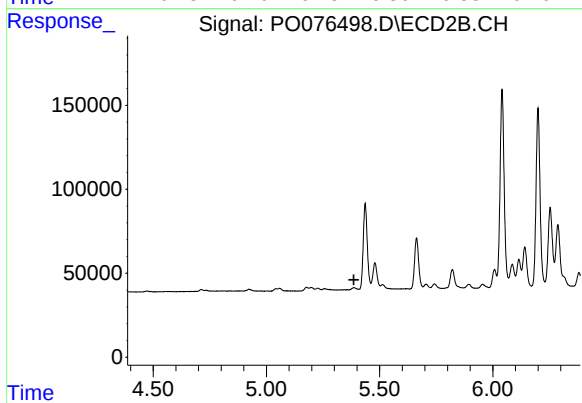
#12 AR-1232-2

R.T.: 5.198 min  
Delta R.T.: 0.001 min  
Response: 12676  
Conc: 10.61 ng/ml



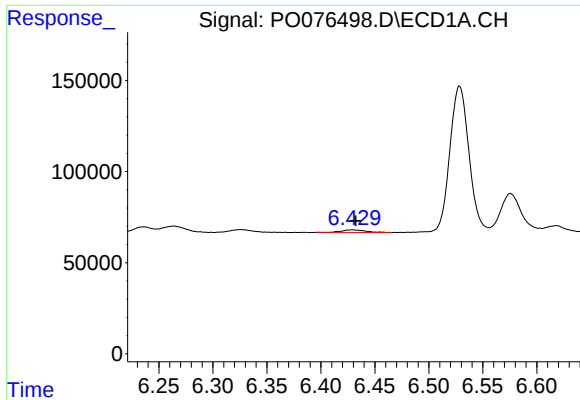
#13 AR-1232-3

R.T.: 6.264 min  
Delta R.T.: 0.004 min  
Response: 60563  
Conc: 35.86 ng/ml



#13 AR-1232-3

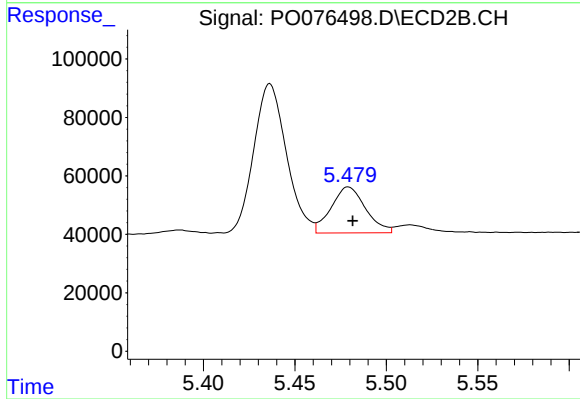
R.T.: 0.000 min  
Exp R.T.: 5.387 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

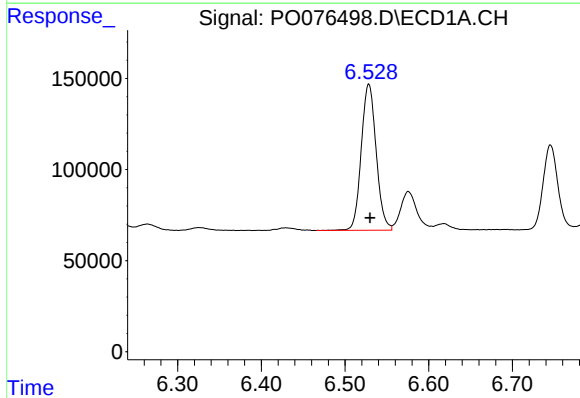
R.T.: 6.429 min  
Delta R.T.: -0.003 min  
Response: 21435  
Conc: 27.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



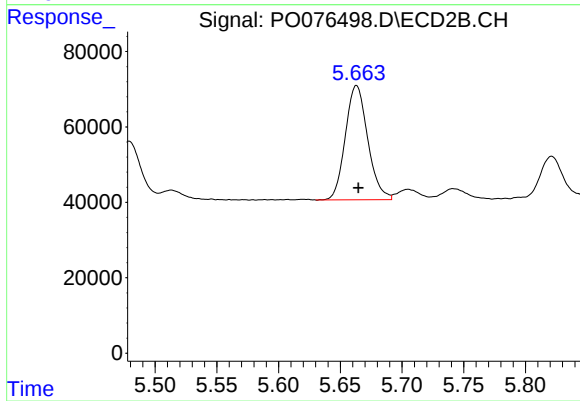
#14 AR-1232-4

R.T.: 5.479 min  
Delta R.T.: -0.002 min  
Response: 206569  
Conc: 402.35 ng/ml



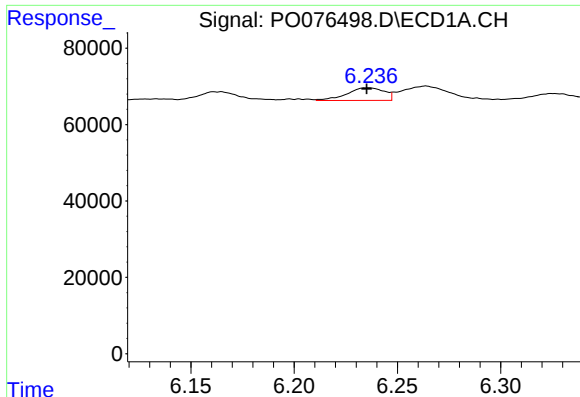
#15 AR-1232-5

R.T.: 6.528 min  
Delta R.T.: -0.002 min  
Response: 993273  
Conc: 1801.80 ng/ml



#15 AR-1232-5

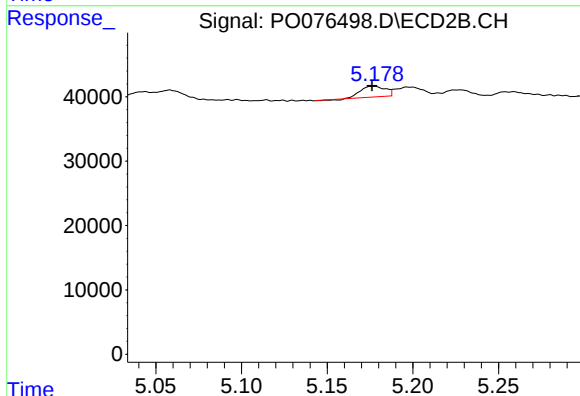
R.T.: 5.663 min  
Delta R.T.: -0.001 min  
Response: 382959  
Conc: 702.03 ng/ml



#16 AR-1242-1

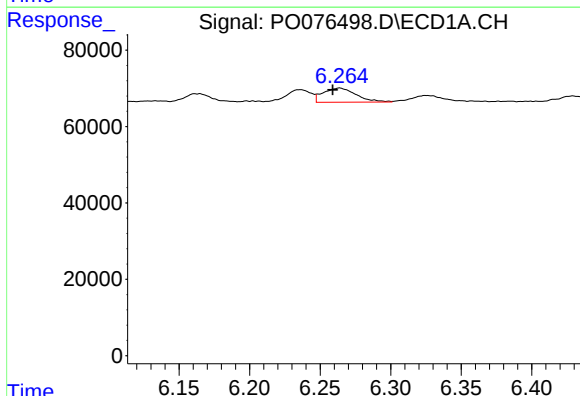
R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 41873  
Conc: 18.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



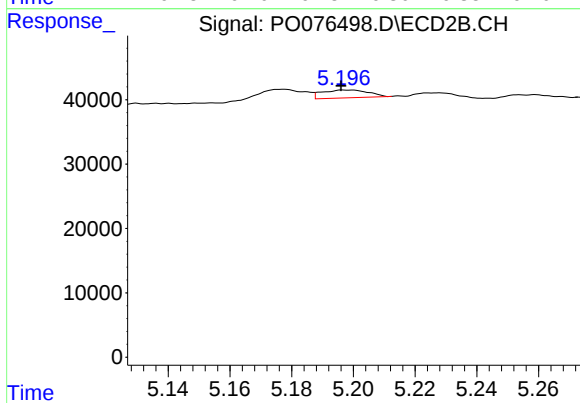
#16 AR-1242-1

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 16422  
Conc: 12.75 ng/ml



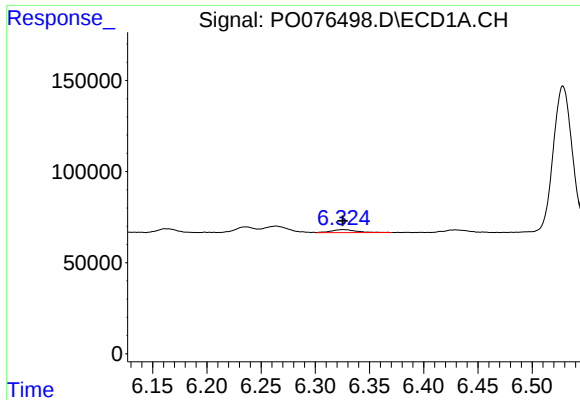
#17 AR-1242-2

R.T.: 6.264 min  
Delta R.T.: 0.005 min  
Response: 60563  
Conc: 17.83 ng/ml



#17 AR-1242-2

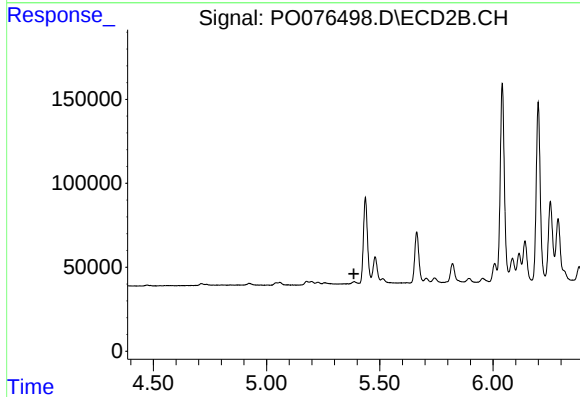
R.T.: 5.198 min  
Delta R.T.: 0.002 min  
Response: 12676  
Conc: 5.41 ng/ml



#18 AR-1242-3

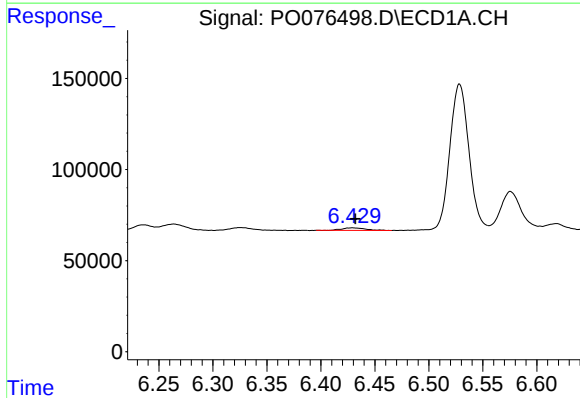
R.T.: 6.325 min  
Delta R.T.: 0.000 min  
Response: 27513  
Conc: 13.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



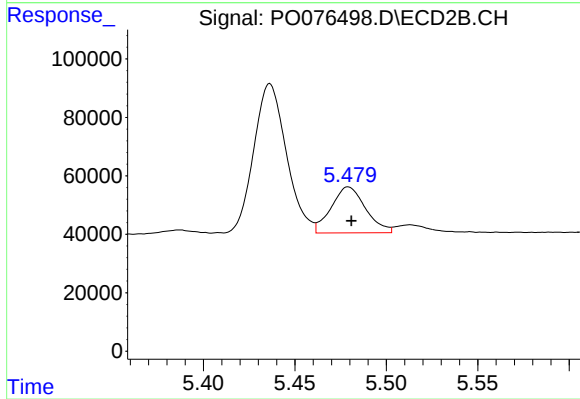
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.386 min  
Response: 0  
Conc: N.D.



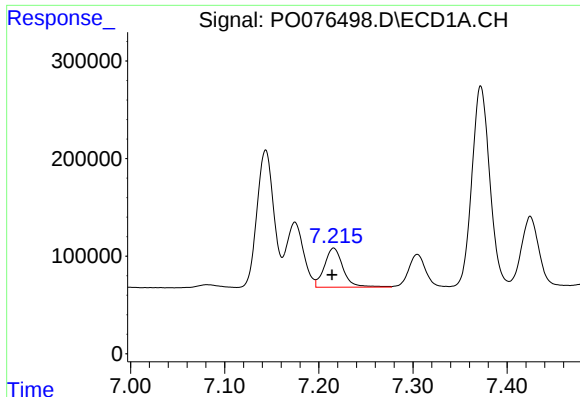
#19 AR-1242-4

R.T.: 6.429 min  
Delta R.T.: -0.003 min  
Response: 21435  
Conc: 13.31 ng/ml



#19 AR-1242-4

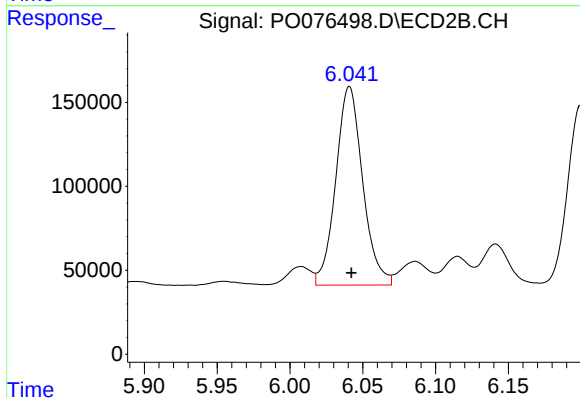
R.T.: 5.479 min  
Delta R.T.: -0.002 min  
Response: 206569  
Conc: 186.44 ng/ml



#20 AR-1242-5

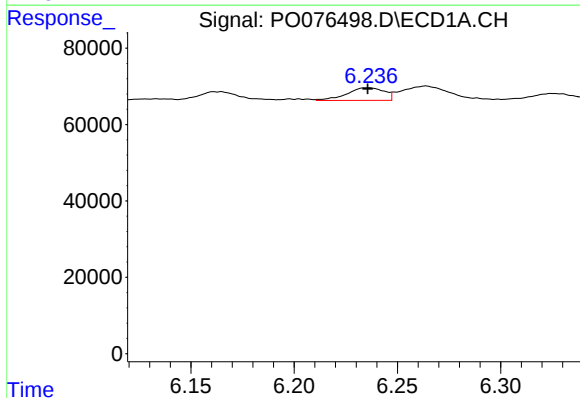
R.T.: 7.216 min  
Delta R.T.: 0.002 min  
Response: 551260  
Conc: 315.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



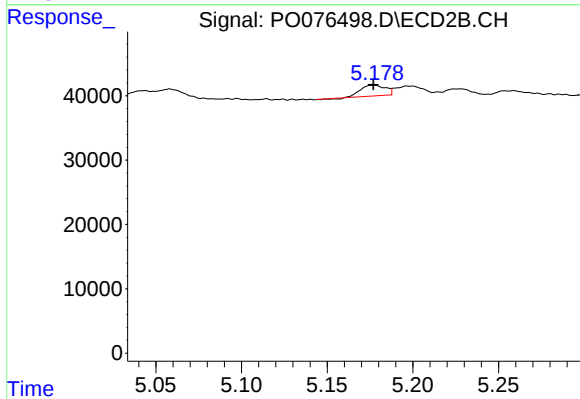
#20 AR-1242-5

R.T.: 6.041 min  
Delta R.T.: -0.001 min  
Response: 1520037  
Conc: 1145.97 ng/ml



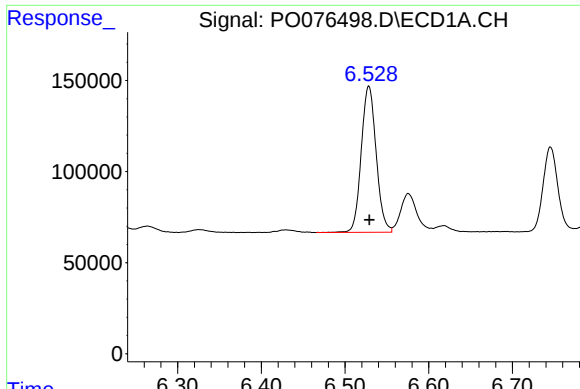
#21 AR-1248-1

R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 41873  
Conc: 25.30 ng/ml



#21 AR-1248-1

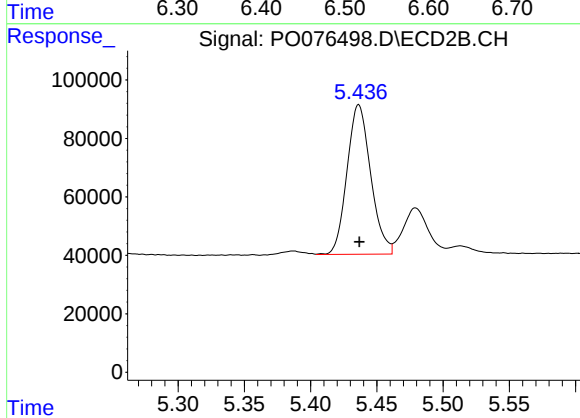
R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 16422  
Conc: 16.39 ng/ml



#22 AR-1248-2

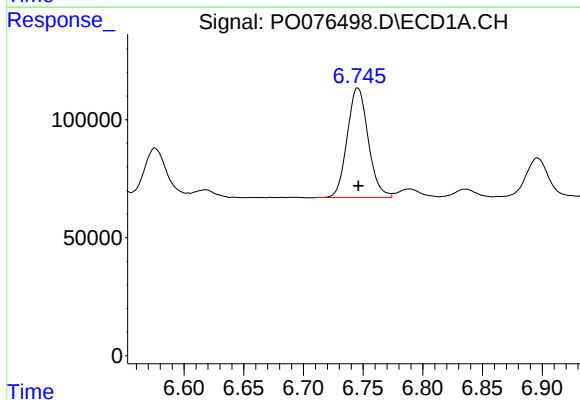
R.T.: 6.528 min  
Delta R.T.: 0.000 min  
Response: 993273  
Conc: 406.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



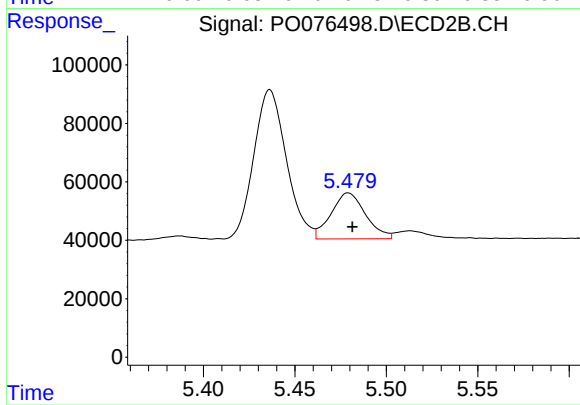
#22 AR-1248-2

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 637122  
Conc: 391.30 ng/ml



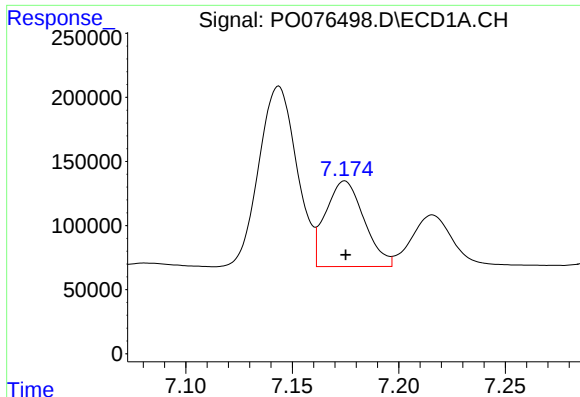
#23 AR-1248-3

R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 567277  
Conc: 198.01 ng/ml



#23 AR-1248-3

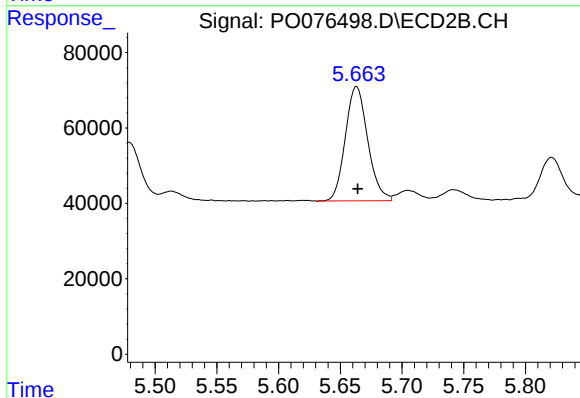
R.T.: 5.479 min  
Delta R.T.: -0.002 min  
Response: 206569  
Conc: 125.14 ng/ml



#24 AR-1248-4

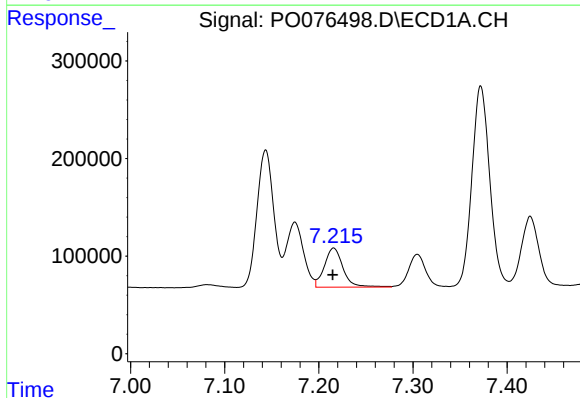
R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 839321  
Conc: 268.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



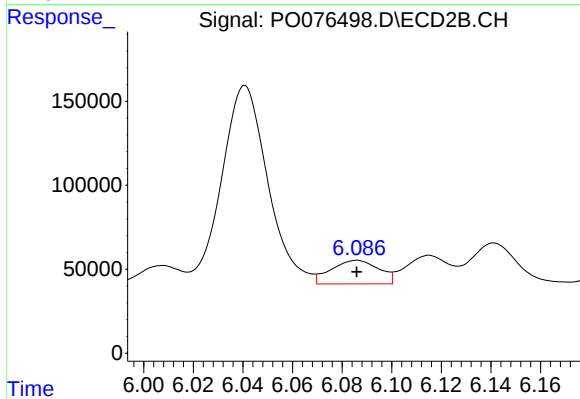
#24 AR-1248-4

R.T.: 5.663 min  
Delta R.T.: -0.001 min  
Response: 382959  
Conc: 196.98 ng/ml



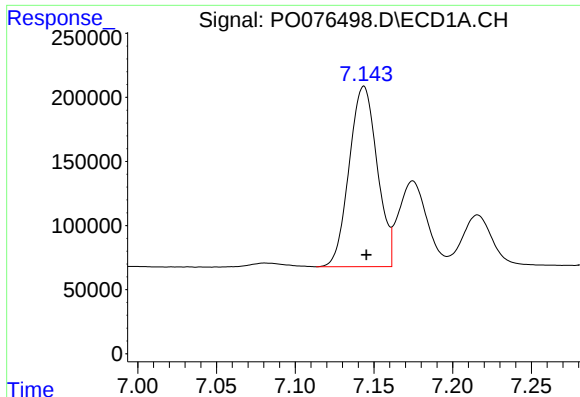
#25 AR-1248-5

R.T.: 7.216 min  
Delta R.T.: 0.001 min  
Response: 551260  
Conc: 177.03 ng/ml



#25 AR-1248-5

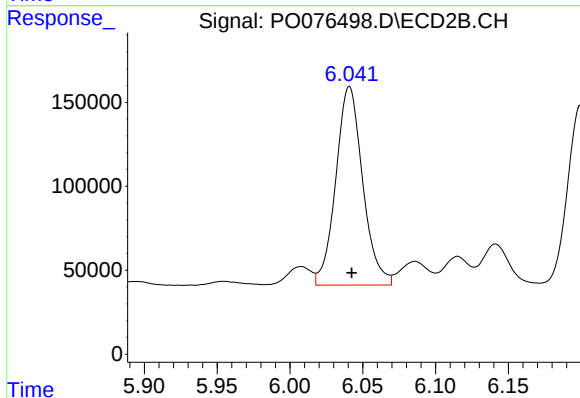
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 186949  
Conc: 100.89 ng/ml



#26 AR-1254-1

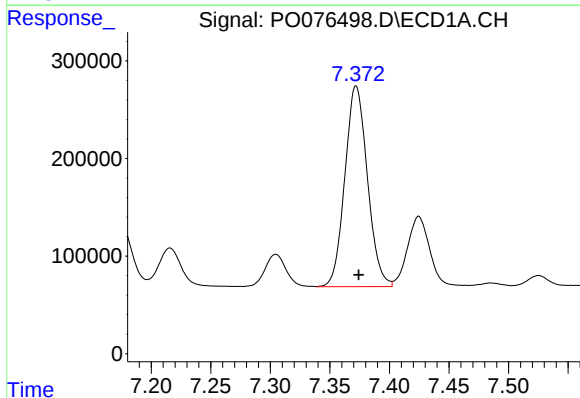
R.T.: 7.144 min  
Delta R.T.: -0.002 min  
Response: 1743375  
Conc: 524.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



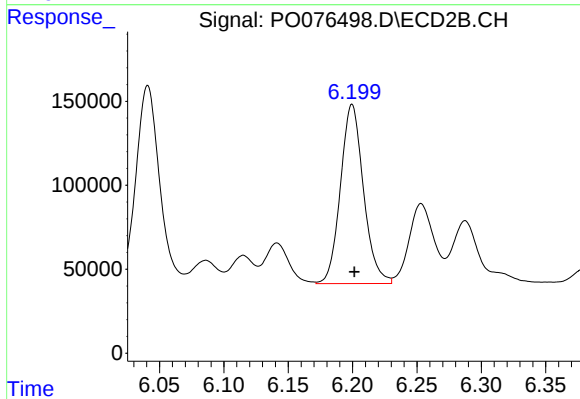
#26 AR-1254-1

R.T.: 6.041 min  
Delta R.T.: -0.001 min  
Response: 1520037  
Conc: 513.19 ng/ml



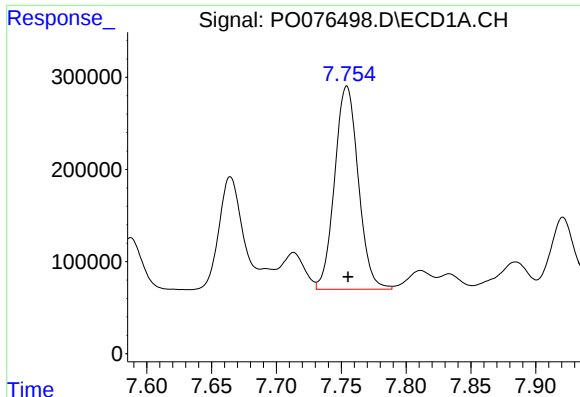
#27 AR-1254-2

R.T.: 7.372 min  
Delta R.T.: -0.002 min  
Response: 2710399  
Conc: 526.61 ng/ml



#27 AR-1254-2

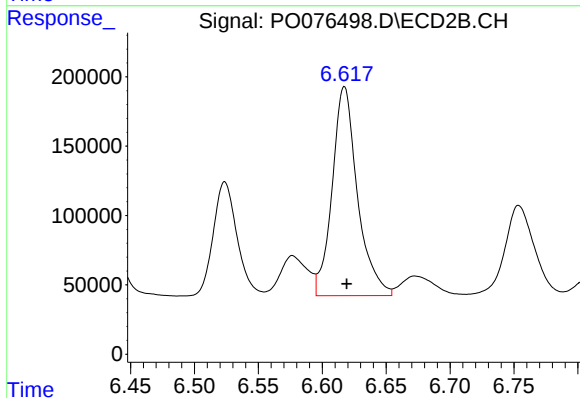
R.T.: 6.200 min  
Delta R.T.: -0.002 min  
Response: 1330244  
Conc: 512.00 ng/ml



#28 AR-1254-3

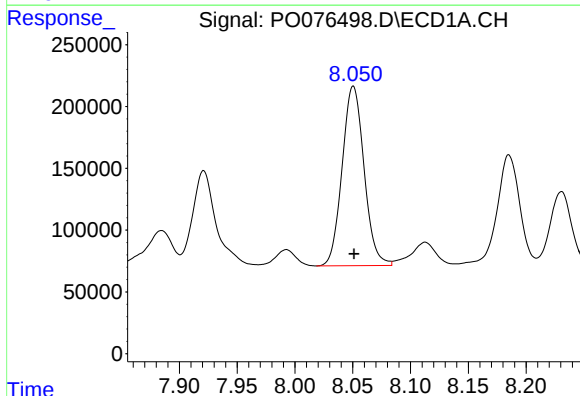
R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 2803860  
Conc: 527.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



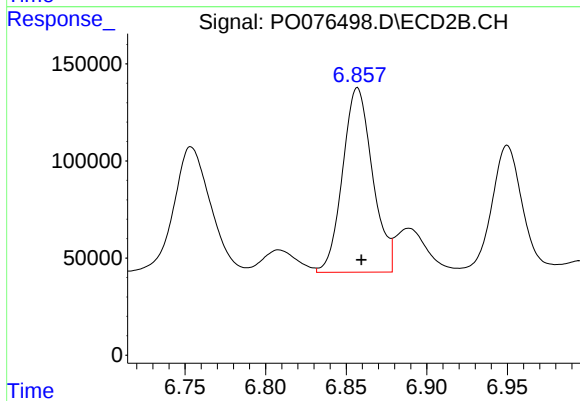
#28 AR-1254-3

R.T.: 6.617 min  
Delta R.T.: -0.002 min  
Response: 2077046  
Conc: 518.59 ng/ml



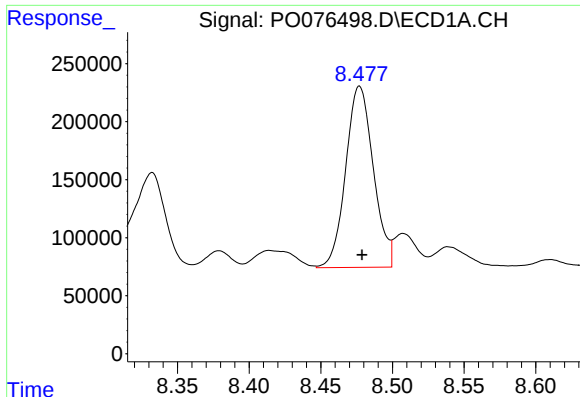
#29 AR-1254-4

R.T.: 8.050 min  
Delta R.T.: 0.000 min  
Response: 1915537  
Conc: 531.10 ng/ml



#29 AR-1254-4

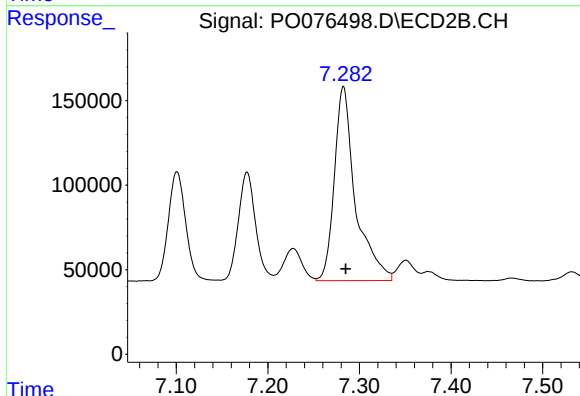
R.T.: 6.857 min  
Delta R.T.: -0.002 min  
Response: 1227066  
Conc: 517.87 ng/ml



#30 AR-1254-5

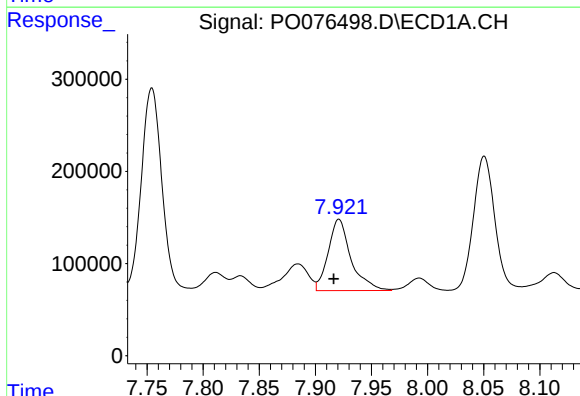
R.T.: 8.477 min  
Delta R.T.: -0.002 min  
Response: 2097614  
Conc: 535.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



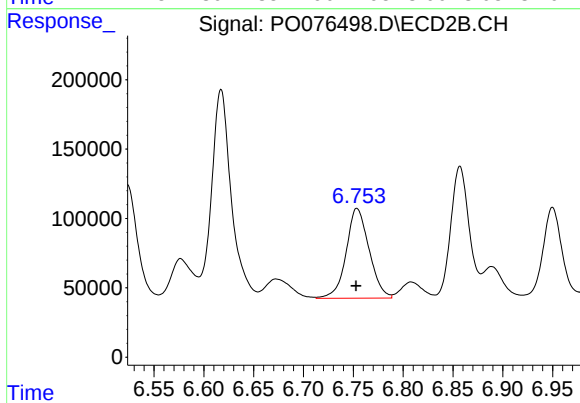
#30 AR-1254-5

R.T.: 7.283 min  
Delta R.T.: -0.002 min  
Response: 1834313  
Conc: 520.44 ng/ml



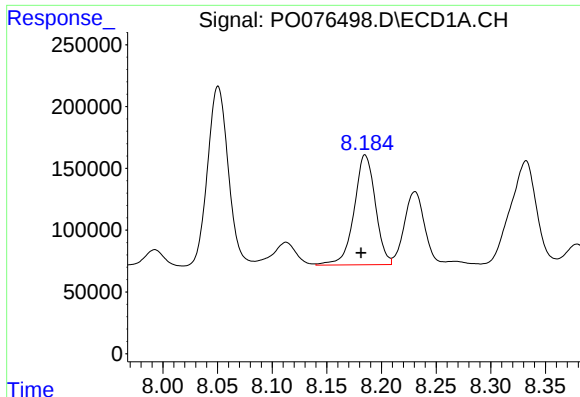
#31 AR-1260-1

R.T.: 7.921 min  
Delta R.T.: 0.005 min  
Response: 1097876  
Conc: 319.49 ng/ml



#31 AR-1260-1

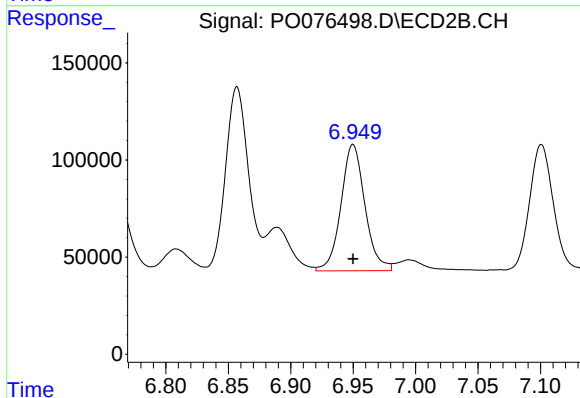
R.T.: 6.754 min  
Delta R.T.: 0.000 min  
Response: 1039328  
Conc: 405.53 ng/ml



#32 AR-1260-2

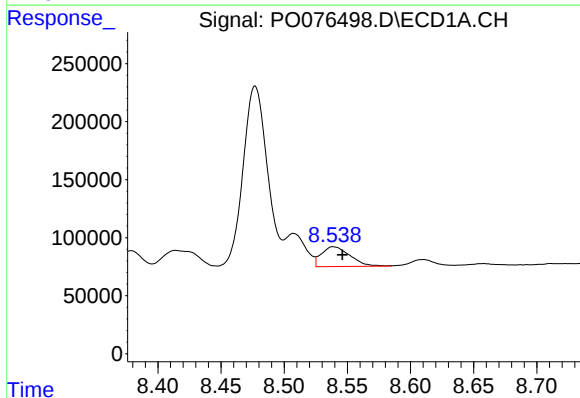
R.T.: 8.185 min  
Delta R.T.: 0.004 min  
Response: 1200299  
Conc: 296.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



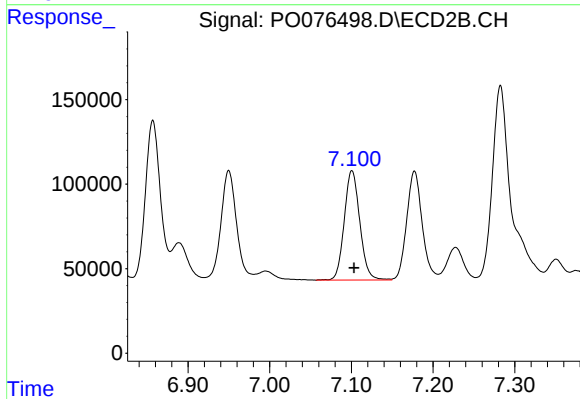
#32 AR-1260-2

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 870628  
Conc: 280.73 ng/ml



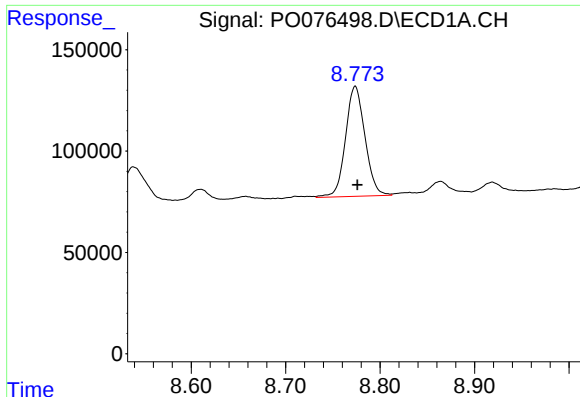
#33 AR-1260-3

R.T.: 8.539 min  
Delta R.T.: -0.007 min  
Response: 269903  
Conc: 89.34 ng/ml



#33 AR-1260-3

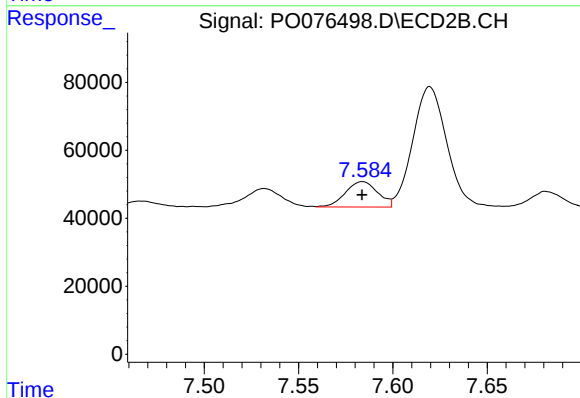
R.T.: 7.101 min  
Delta R.T.: -0.002 min  
Response: 858215  
Conc: 292.13 ng/ml



#34 AR-1260-4

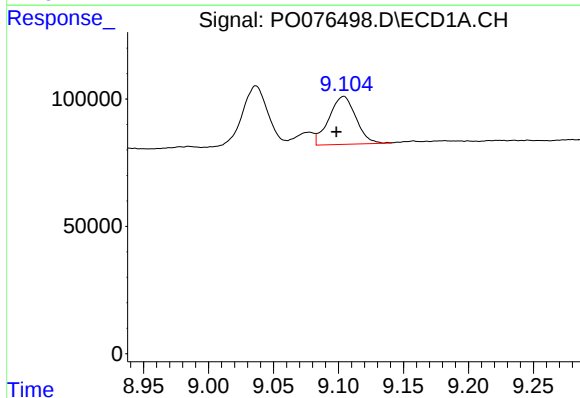
R.T.: 8.774 min  
Delta R.T.: -0.002 min  
Response: 778474  
Conc: 223.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



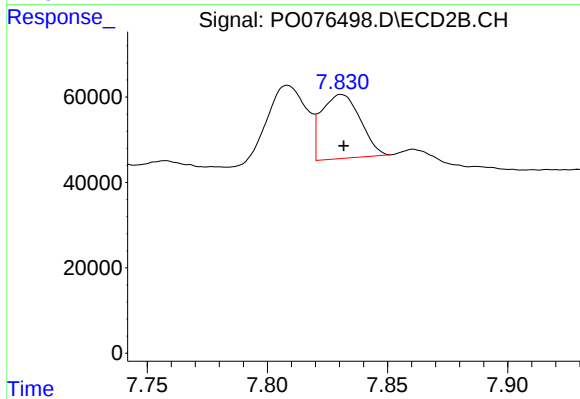
#34 AR-1260-4

R.T.: 7.584 min  
Delta R.T.: 0.000 min  
Response: 89240  
Conc: 37.44 ng/ml



#35 AR-1260-5

R.T.: 9.104 min  
Delta R.T.: 0.006 min  
Response: 271614  
Conc: 40.19 ng/ml



#35 AR-1260-5

R.T.: 7.831 min  
Delta R.T.: 0.000 min  
Response: 168497  
Conc: 29.70 ng/ml