

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO110320\  
 Data File : PO073020.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 03 Nov 2020 15:18  
 Operator : DD\AJ  
 Sample : PB132763BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PB132763BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 04 04:55:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO102620.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 31 07:06:26 2020  
 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... | 4.948  | 4.022  | 864396 | 594065 | 18.748  | 16.950   |
| 2)                          | SA Decachlor... | 10.982 | 9.304  | 953966 | 690663 | 25.821  | 20.710   |
| Target Compounds            |                 |        |        |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 6.272  | 5.274  | 68156  | 57138  | 39.926  | 39.805   |
| 4)                          | L1 AR-1016-2    | 6.295  | 5.295  | 96889  | 76938  | 41.067  | 39.763   |
| 5)                          | L1 AR-1016-3    | 6.363  | 5.485  | 59280  | 40516  | 41.085  | 38.641   |
| 6)                          | L1 AR-1016-4    | 6.470  | 5.537  | 49399  | 32814  | 42.046  | 37.876   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.764  | 0      | 36755  | N.D.    | 34.201 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.466  | 0      | 27069  | N.D.    | 23.588 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.466  | 0      | 27069  | N.D.    | 30.879 # |
| 12)                         | L3 AR-1232-2    | 5.976  | 5.295  | 58594  | 76938  | 110.680 | 87.841   |
| 13)                         | L3 AR-1232-3    | 6.295  | 5.485  | 96889  | 40516  | 93.713  | 86.240   |
| 14)                         | L3 AR-1232-4    | 6.470  | 5.582  | 49399  | 33073  | 96.119  | 77.667   |
| 15)                         | L3 AR-1232-5    | 6.568  | 5.764  | 39262  | 36755  | 110.930 | 78.774 # |
| 16)                         | L4 AR-1242-1    | 6.272  | 5.274  | 68156  | 57138  | 48.990  | 48.596   |
| 17)                         | L4 AR-1242-2    | 6.295  | 5.295  | 96889  | 76938  | 50.684  | 48.448   |
| 18)                         | L4 AR-1242-3    | 6.363  | 5.485  | 59280  | 40516  | 50.061  | 46.868   |
| 19)                         | L4 AR-1242-4    | 6.470  | 5.582  | 49399  | 33073  | 51.024  | 39.847   |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.143  | 0      | 27722  | N.D.    | 25.834 # |
| 21)                         | L5 AR-1248-1    | 6.272  | 5.274  | 68156  | 57138  | 66.050  | 60.271   |
| 22)                         | L5 AR-1248-2    | 6.568  | 5.537  | 39262  | 32814  | 29.864  | 26.090   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.582  | 0      | 33073  | N.D.    | 25.573 # |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.764  | 0      | 36755  | N.D.    | 23.657 # |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.143  | 0      | 27722  | N.D.    | 12.317 # |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.301  | 0      | 35322  | N.D.    | 17.586 # |
| 28)                         | L6 AR-1254-3    | 7.816f | 6.739f | 56043  | 54645  | 20.737  | 17.200   |
| 30)                         | L6 AR-1254-5    | 8.524  | 7.385  | 89358  | 103037 | 41.343  | 37.020   |
| 31)                         | L7 AR-1260-1    | 7.966  | 6.856  | 78798  | 81521  | 42.368  | 40.996   |
| 32)                         | L7 AR-1260-2    | 8.233  | 7.053  | 95546  | 100872 | 42.038  | 40.258   |
| 33)                         | L7 AR-1260-3    | 8.599  | 7.207  | 73678  | 92169  | 42.970  | 41.816   |
| 34)                         | L7 AR-1260-4    | 8.829  | 7.688  | 75655  | 70172  | 37.873  | 38.128   |
| 35)                         | L7 AR-1260-5    | 9.158  | 7.934  | 171994 | 164471 | 42.403  | 37.421   |
| 36)                         | L8 AR-1262-1    | 8.599  | 7.385  | 73678  | 103037 | 30.805  | 74.311 # |
| 37)                         | L8 AR-1262-2    | 9.158  | 7.934  | 171994 | 164471 | 38.876  | 36.053   |
| 38)                         | L8 AR-1262-3    | 9.491f | 8.220  | 280377 | 41398  | 87.156  | 22.624 # |
| 39)                         | L8 AR-1262-4    | 9.547f | 8.282  | 127114 | 126767 | 52.993  | 38.078 # |
| 40)                         | L8 AR-1262-5    | 10.232 | 8.777  | 66079  | 57423  | 39.353  | 35.067   |
| 41)                         | L9 AR-1268-1    | 9.491f | 8.220  | 280377 | 41398  | 38.078  | 6.943 #  |
| 42)                         | L9 AR-1268-2    | 9.547f | 8.282  | 127114 | 126767 | 19.278  | 23.341   |
| 44)                         | L9 AR-1268-4    | 10.232 | 8.777  | 66079  | 57423  | 28.335  | 26.299   |
| -----                       |                 |        |        |        |        |         |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110320\  
Data File : PO073020.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Nov 2020 15:18  
Operator : DD\AJ  
Sample : PB132763BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

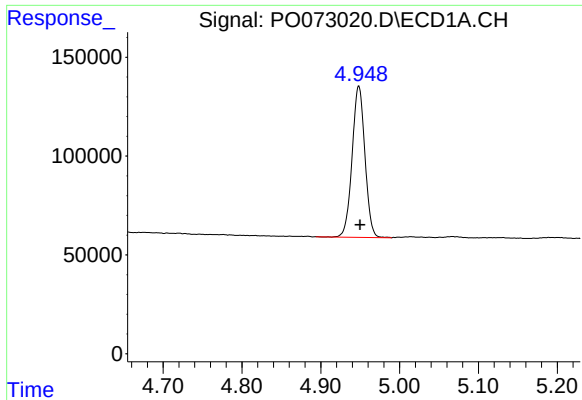
Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 04 04:55:22 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102620.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 31 07:06:26 2020  
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 |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

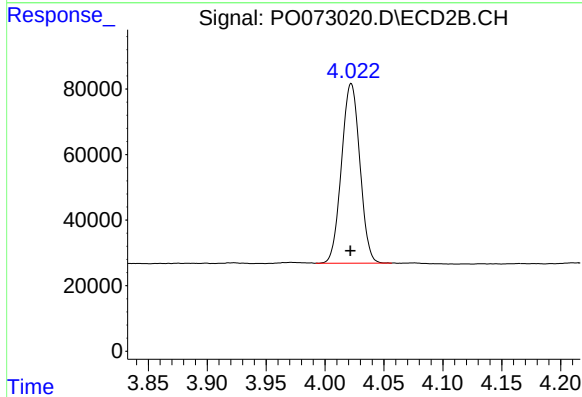




#1 Tetrachloro-m-xylene

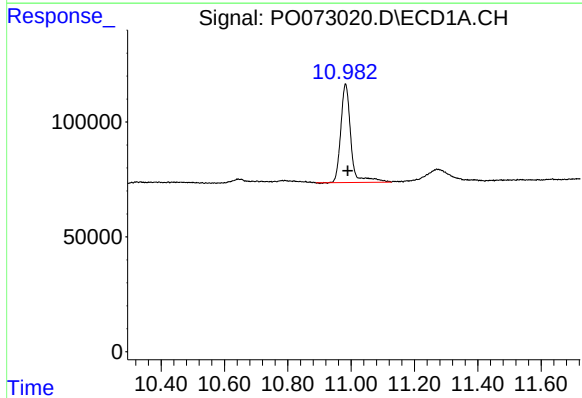
R.T.: 4.948 min  
Delta R.T.: -0.002 min  
Response: 864396  
Conc: 18.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



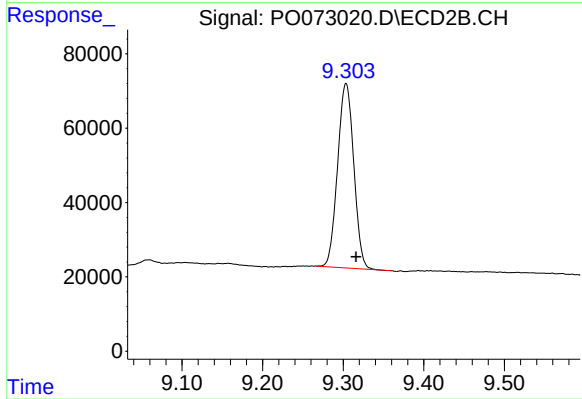
#1 Tetrachloro-m-xylene

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 594065  
Conc: 16.95 ng/ml



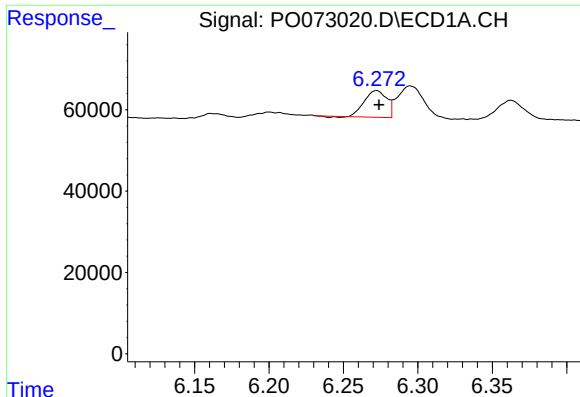
#2 Decachlorobiphenyl

R.T.: 10.982 min  
Delta R.T.: -0.007 min  
Response: 953966  
Conc: 25.82 ng/ml



#2 Decachlorobiphenyl

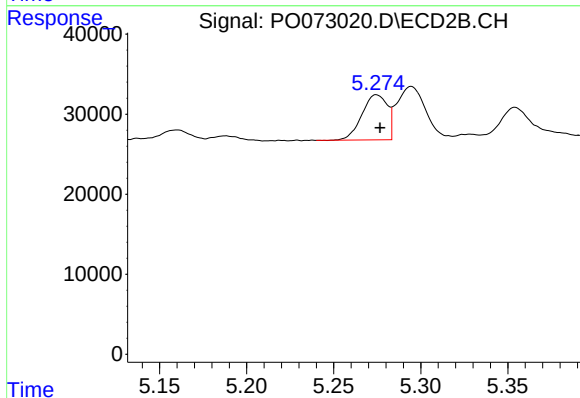
R.T.: 9.304 min  
Delta R.T.: -0.012 min  
Response: 690663  
Conc: 20.71 ng/ml



#3 AR-1016-1

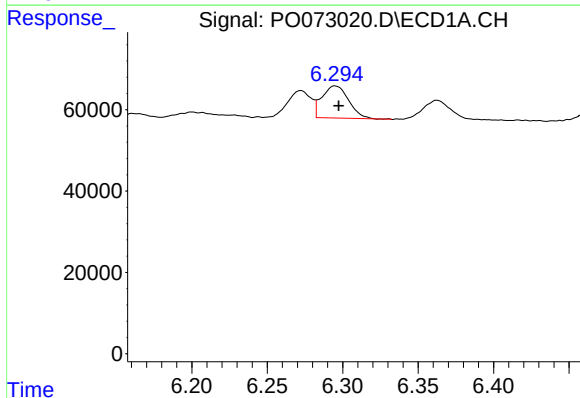
R.T.: 6.272 min  
Delta R.T.: -0.002 min  
Response: 68156  
Conc: 39.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



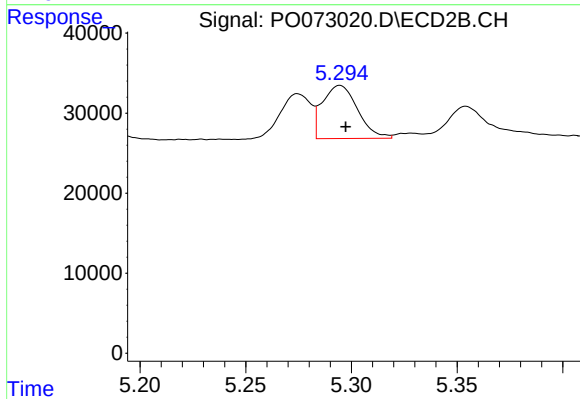
#3 AR-1016-1

R.T.: 5.274 min  
Delta R.T.: -0.002 min  
Response: 57138  
Conc: 39.81 ng/ml



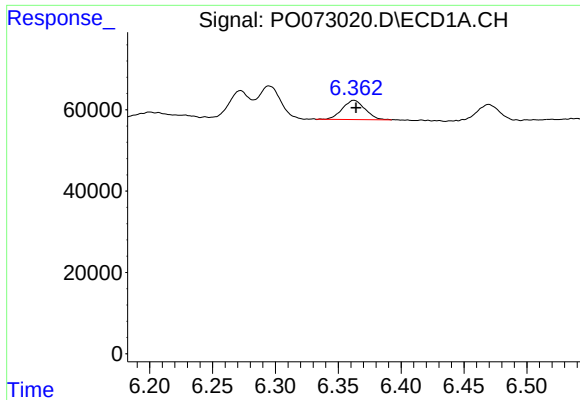
#4 AR-1016-2

R.T.: 6.295 min  
Delta R.T.: -0.002 min  
Response: 96889  
Conc: 41.07 ng/ml



#4 AR-1016-2

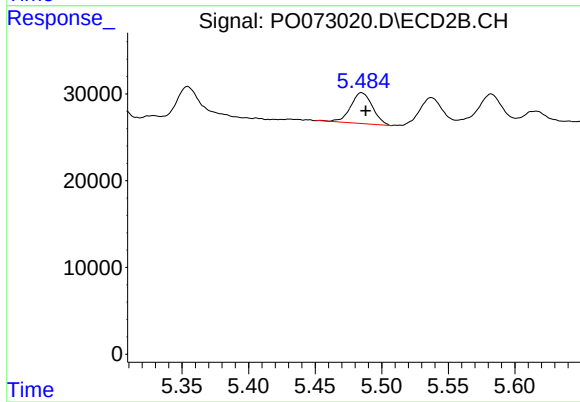
R.T.: 5.295 min  
Delta R.T.: -0.003 min  
Response: 76938  
Conc: 39.76 ng/ml



#5 AR-1016-3

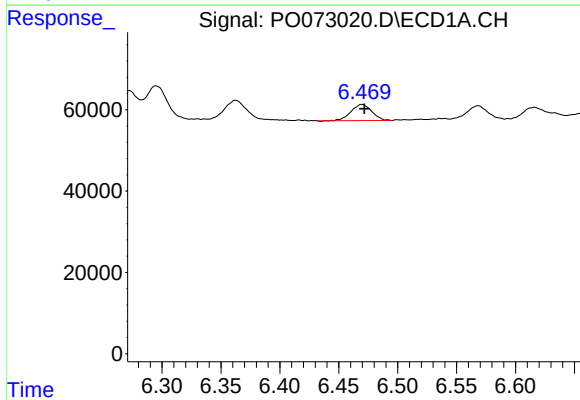
R.T.: 6.363 min  
Delta R.T.: -0.002 min  
Response: 59280  
Conc: 41.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



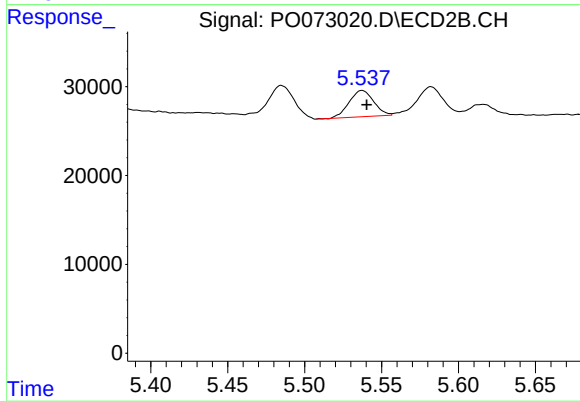
#5 AR-1016-3

R.T.: 5.485 min  
Delta R.T.: -0.003 min  
Response: 40516  
Conc: 38.64 ng/ml



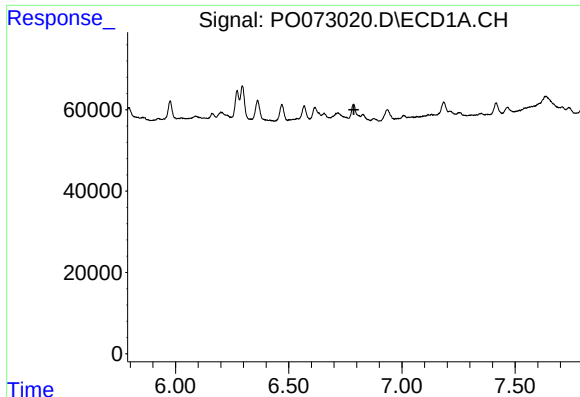
#6 AR-1016-4

R.T.: 6.470 min  
Delta R.T.: -0.002 min  
Response: 49399  
Conc: 42.05 ng/ml



#6 AR-1016-4

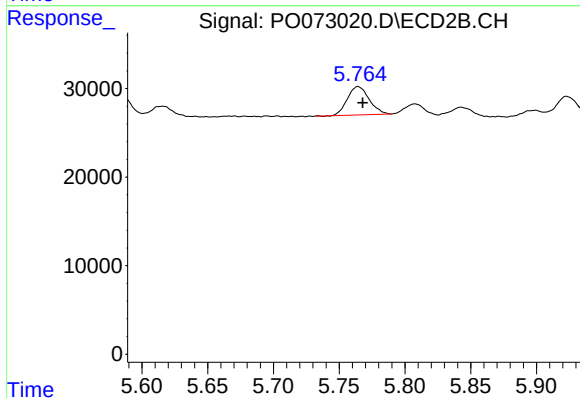
R.T.: 5.537 min  
Delta R.T.: -0.003 min  
Response: 32814  
Conc: 37.88 ng/ml



#7 AR-1016-5

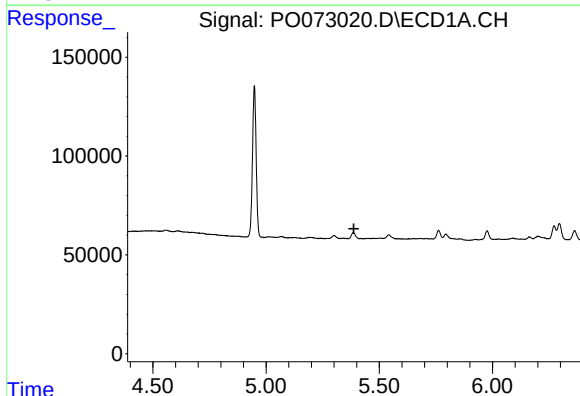
R.T.: 0.000 min  
Exp R.T.: 6.788 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



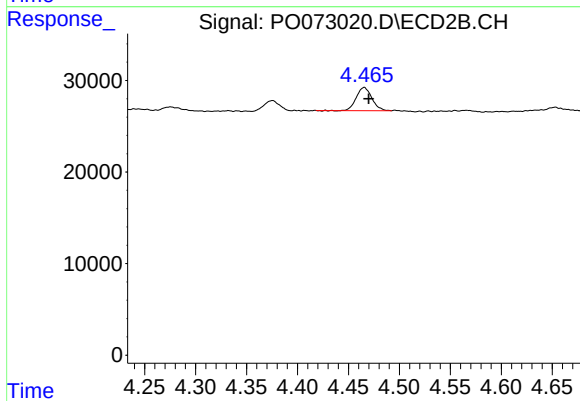
#7 AR-1016-5

R.T.: 5.764 min  
Delta R.T.: -0.004 min  
Response: 36755  
Conc: 34.20 ng/ml



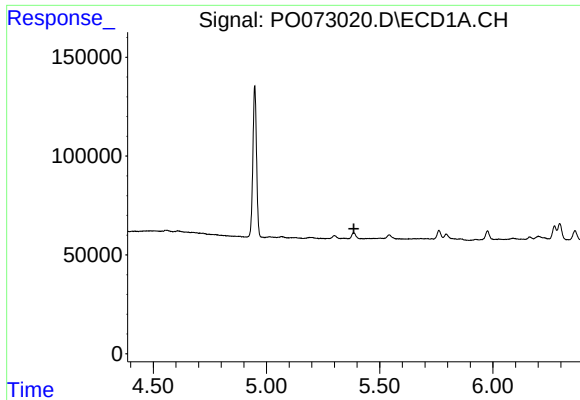
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 5.388 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

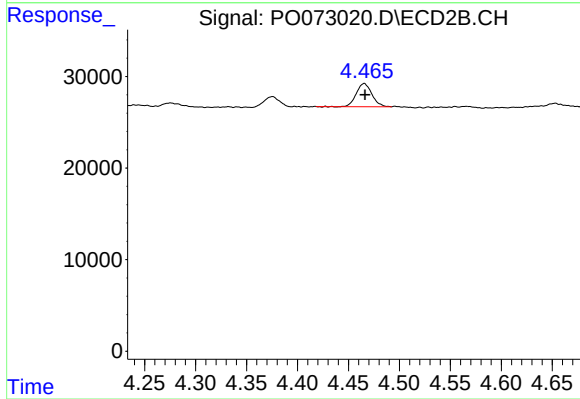
R.T.: 4.466 min  
Delta R.T.: -0.004 min  
Response: 27069  
Conc: 23.59 ng/ml



#11 AR-1232-1

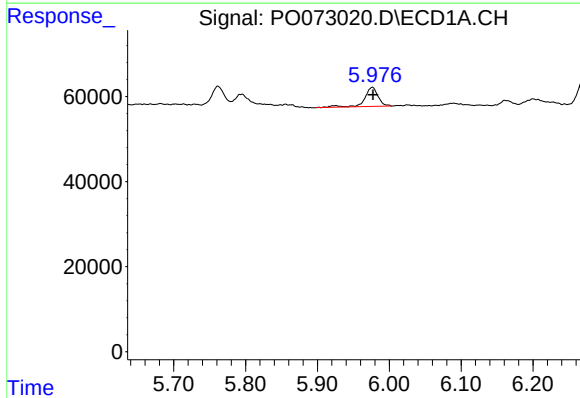
R.T.: 0.000 min  
Exp R.T.: 5.386 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



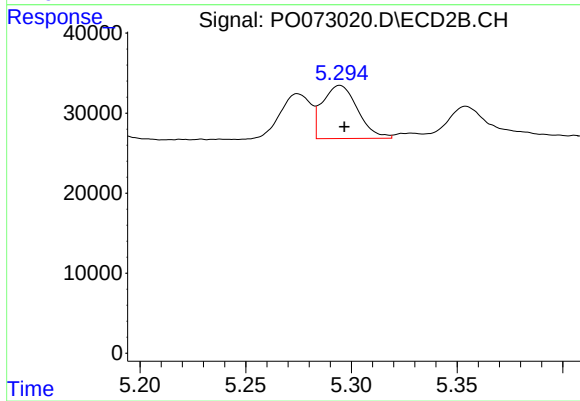
#11 AR-1232-1

R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 27069  
Conc: 30.88 ng/ml



#12 AR-1232-2

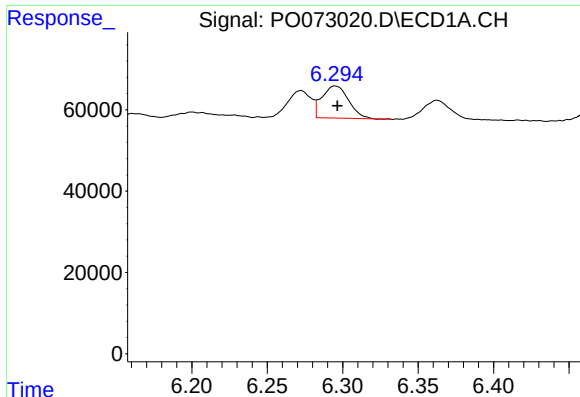
R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 58594  
Conc: 110.68 ng/ml



#12 AR-1232-2

R.T.: 5.295 min  
Delta R.T.: -0.002 min  
Response: 76938  
Conc: 87.84 ng/ml

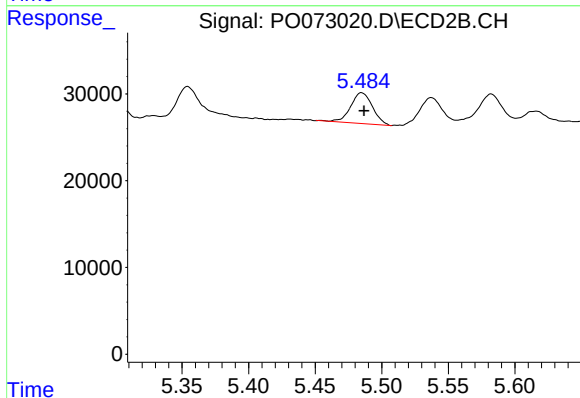




#13 AR-1232-3

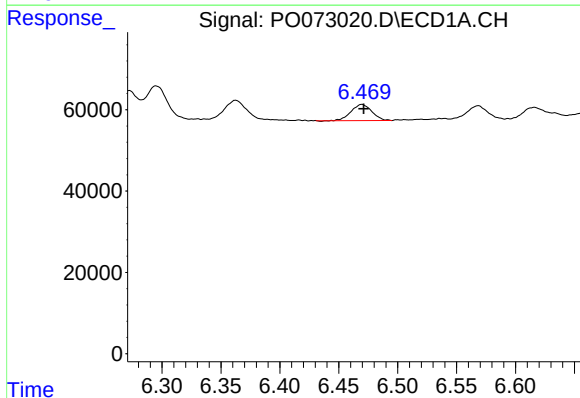
R.T.: 6.295 min  
Delta R.T.: -0.002 min  
Response: 96889  
Conc: 93.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



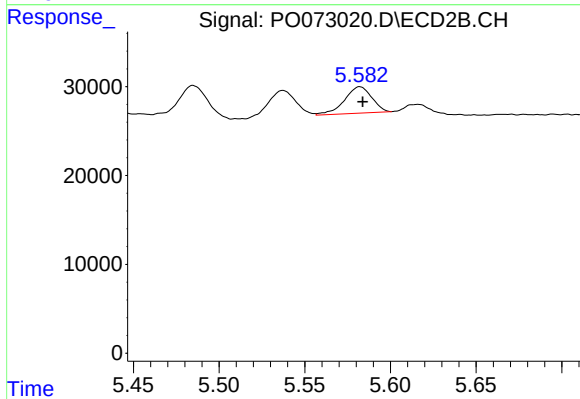
#13 AR-1232-3

R.T.: 5.485 min  
Delta R.T.: -0.002 min  
Response: 40516  
Conc: 86.24 ng/ml



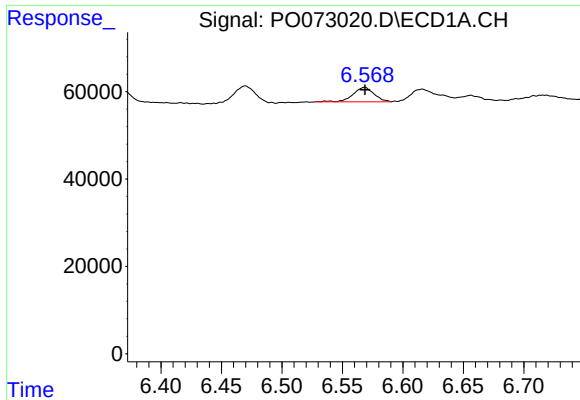
#14 AR-1232-4

R.T.: 6.470 min  
Delta R.T.: -0.001 min  
Response: 49399  
Conc: 96.12 ng/ml



#14 AR-1232-4

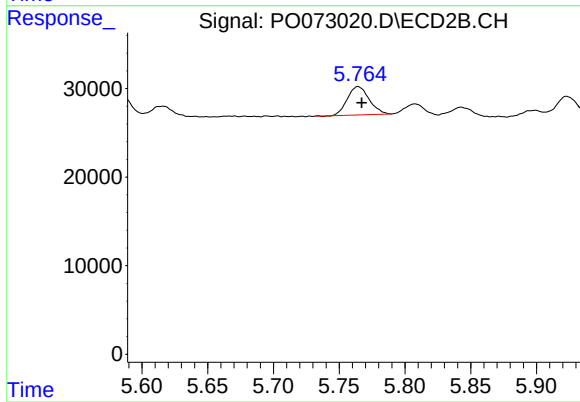
R.T.: 5.582 min  
Delta R.T.: -0.002 min  
Response: 33073  
Conc: 77.67 ng/ml



#15 AR-1232-5

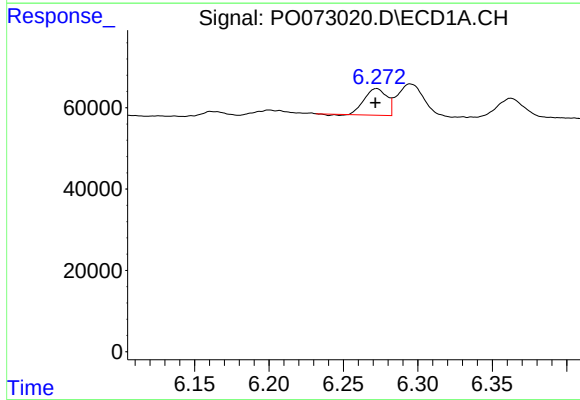
R.T.: 6.568 min  
Delta R.T.: 0.000 min  
Response: 39262  
Conc: 110.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



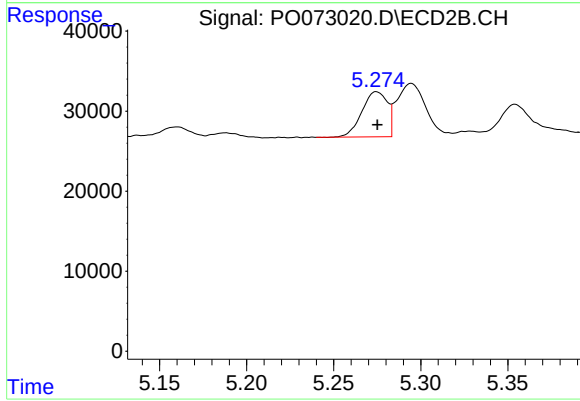
#15 AR-1232-5

R.T.: 5.764 min  
Delta R.T.: -0.003 min  
Response: 36755  
Conc: 78.77 ng/ml



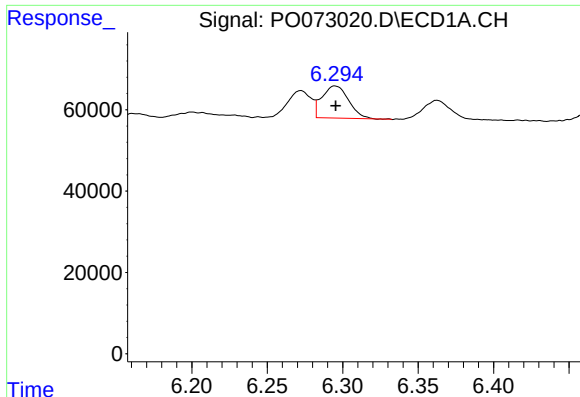
#16 AR-1242-1

R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 68156  
Conc: 48.99 ng/ml



#16 AR-1242-1

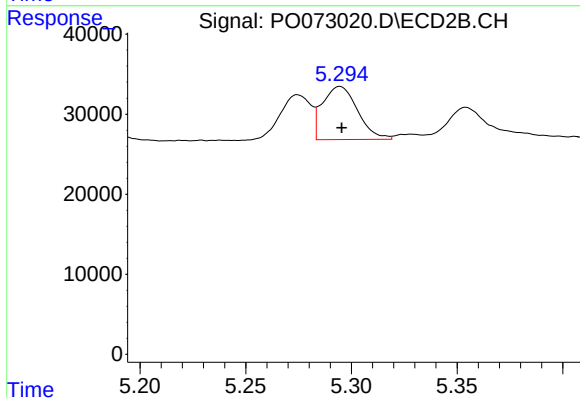
R.T.: 5.274 min  
Delta R.T.: 0.000 min  
Response: 57138  
Conc: 48.60 ng/ml



#17 AR-1242-2

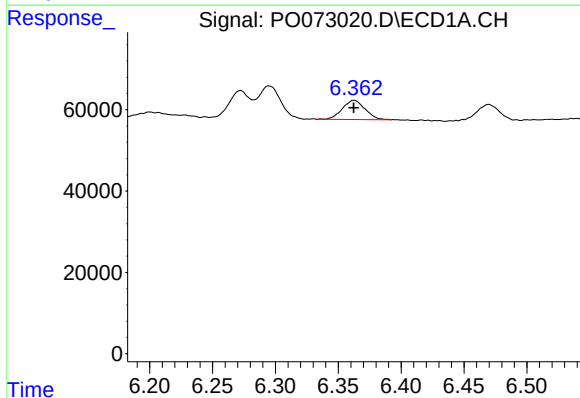
R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 96889  
Conc: 50.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



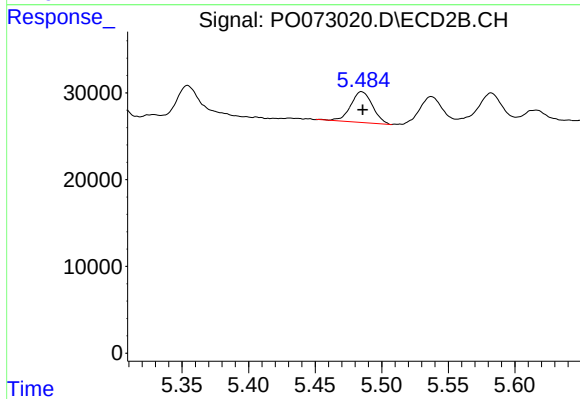
#17 AR-1242-2

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 76938  
Conc: 48.45 ng/ml



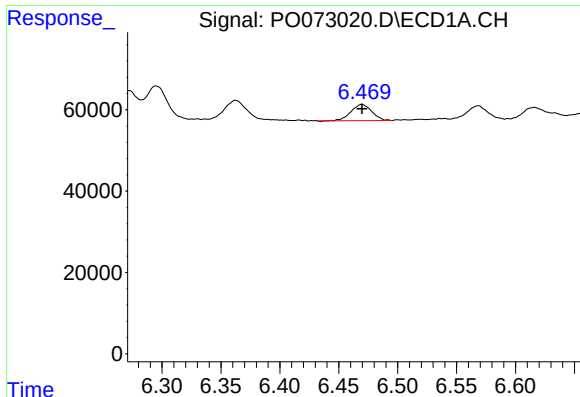
#18 AR-1242-3

R.T.: 6.363 min  
Delta R.T.: 0.000 min  
Response: 59280  
Conc: 50.06 ng/ml



#18 AR-1242-3

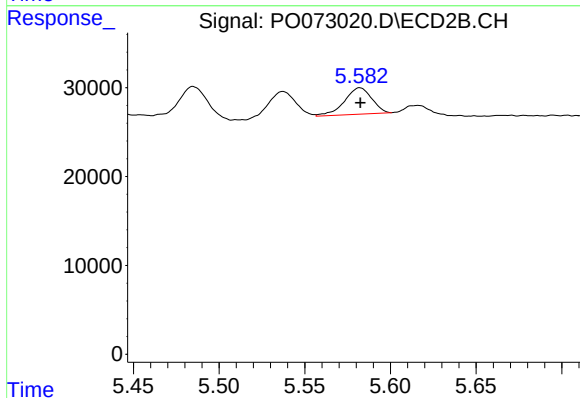
R.T.: 5.485 min  
Delta R.T.: -0.001 min  
Response: 40516  
Conc: 46.87 ng/ml



#19 AR-1242-4

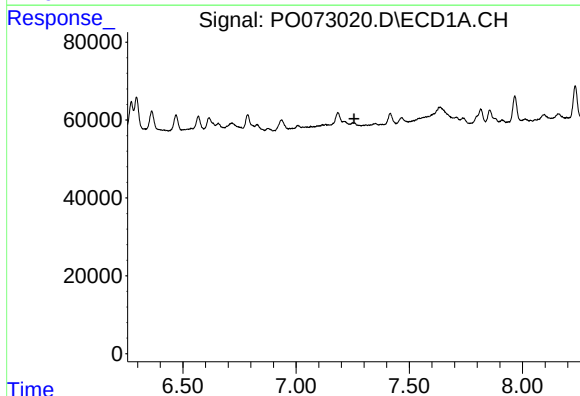
R.T.: 6.470 min  
Delta R.T.: 0.000 min  
Response: 49399  
Conc: 51.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



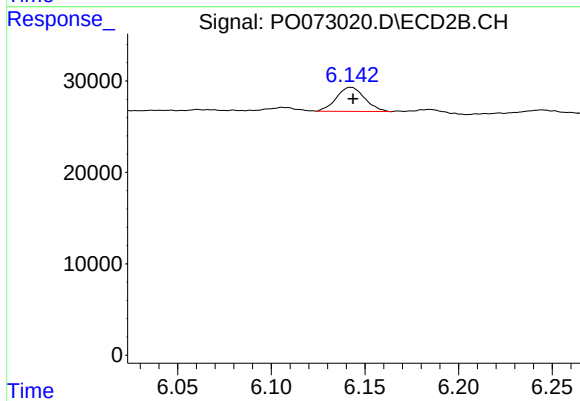
#19 AR-1242-4

R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 33073  
Conc: 39.85 ng/ml



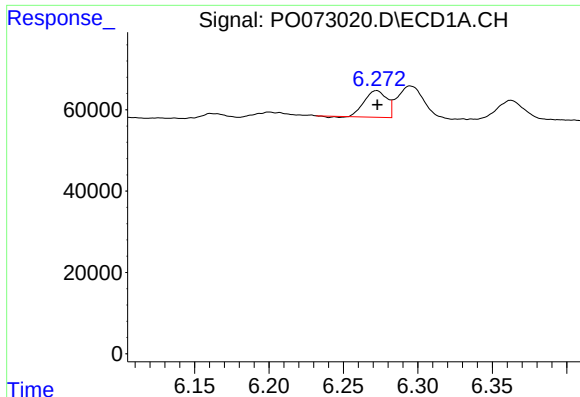
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 7.256 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

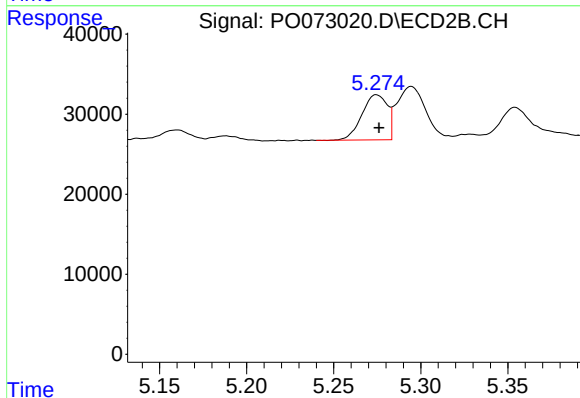
R.T.: 6.143 min  
Delta R.T.: -0.001 min  
Response: 27722  
Conc: 25.83 ng/ml



#21 AR-1248-1

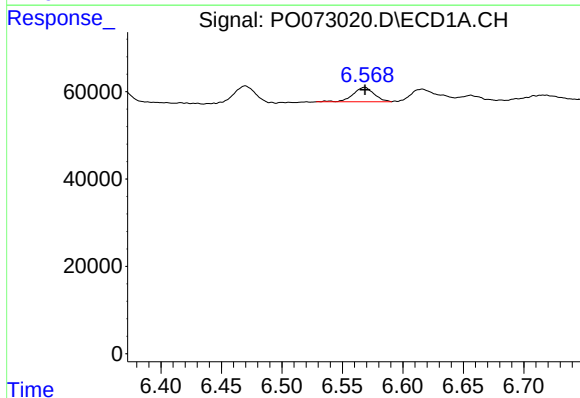
R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 68156  
Conc: 66.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



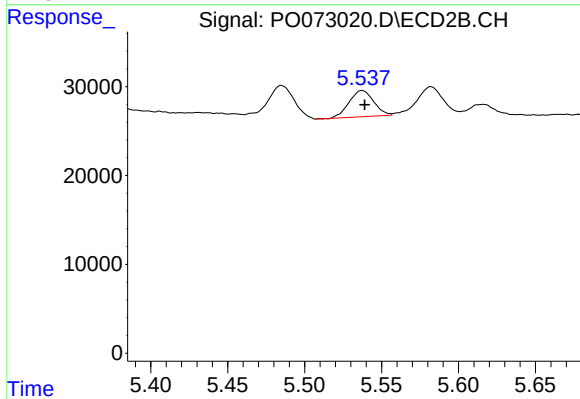
#21 AR-1248-1

R.T.: 5.274 min  
Delta R.T.: -0.002 min  
Response: 57138  
Conc: 60.27 ng/ml



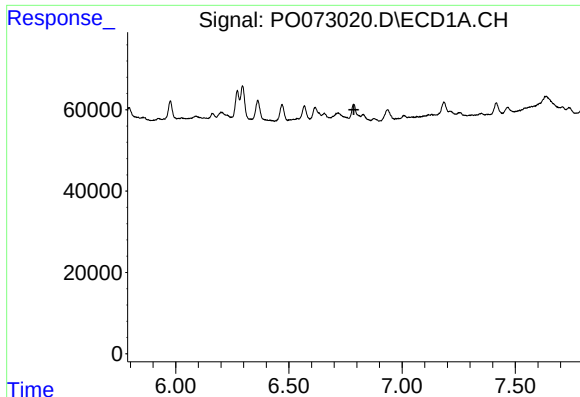
#22 AR-1248-2

R.T.: 6.568 min  
Delta R.T.: 0.000 min  
Response: 39262  
Conc: 29.86 ng/ml



#22 AR-1248-2

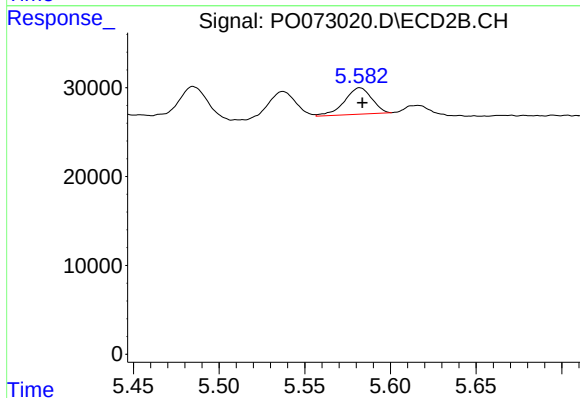
R.T.: 5.537 min  
Delta R.T.: -0.002 min  
Response: 32814  
Conc: 26.09 ng/ml



#23 AR-1248-3

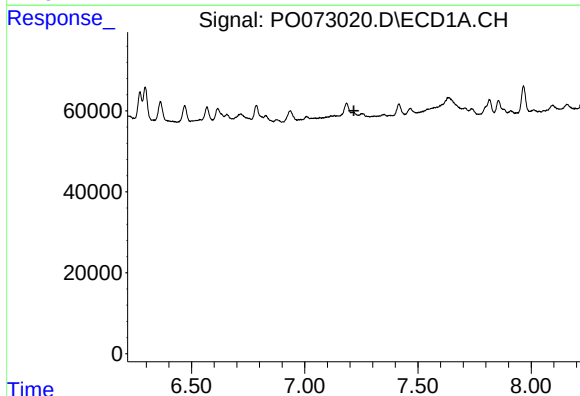
R.T.: 0.000 min  
Exp R.T.: 6.787 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



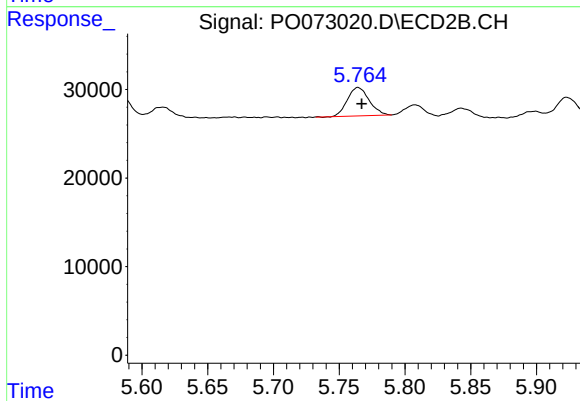
#23 AR-1248-3

R.T.: 5.582 min  
Delta R.T.: -0.001 min  
Response: 33073  
Conc: 25.57 ng/ml



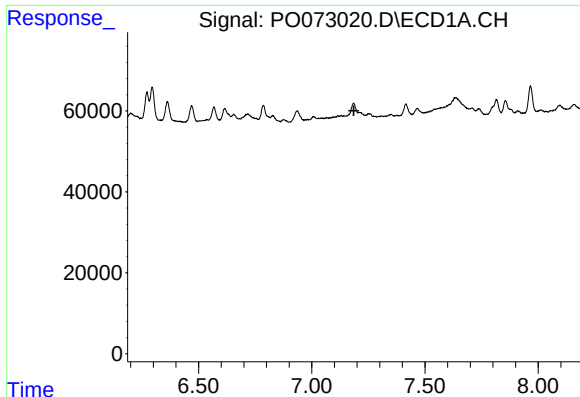
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 7.217 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

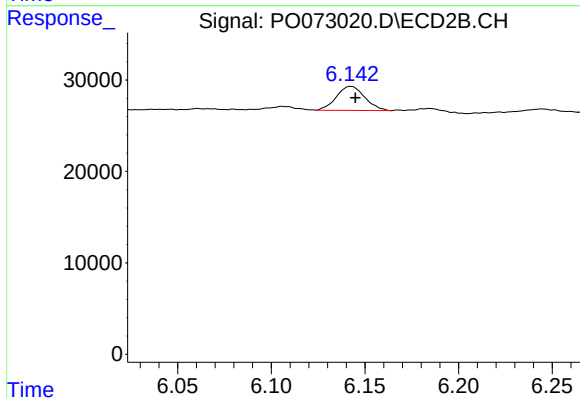
R.T.: 5.764 min  
Delta R.T.: -0.003 min  
Response: 36755  
Conc: 23.66 ng/ml



#26 AR-1254-1

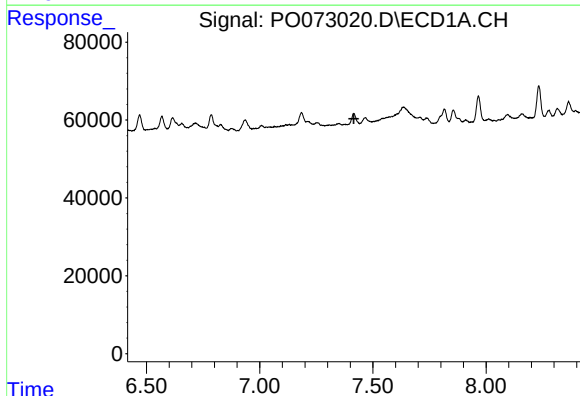
R.T.: 0.000 min  
Exp R.T.: 7.186 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



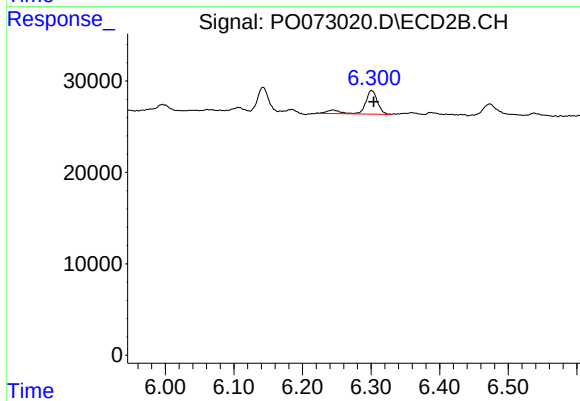
#26 AR-1254-1

R.T.: 6.143 min  
Delta R.T.: -0.002 min  
Response: 27722  
Conc: 12.32 ng/ml



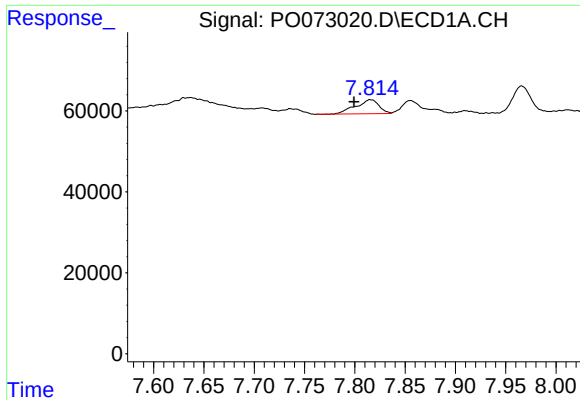
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 7.416 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

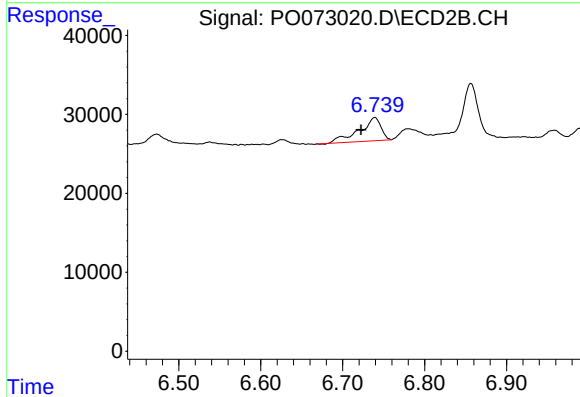
R.T.: 6.301 min  
Delta R.T.: -0.003 min  
Response: 35322  
Conc: 17.59 ng/ml



#28 AR-1254-3

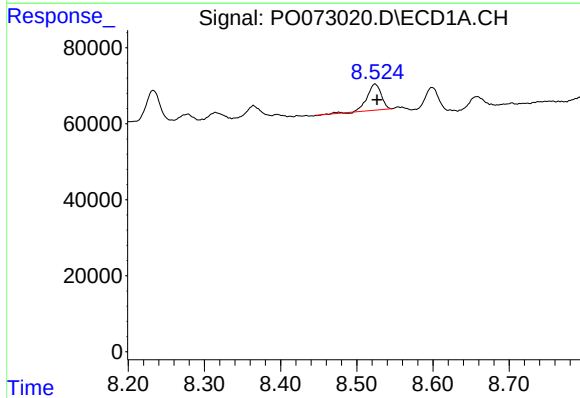
R.T.: 7.816 min  
Delta R.T.: 0.016 min  
Response: 56043  
Conc: 20.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



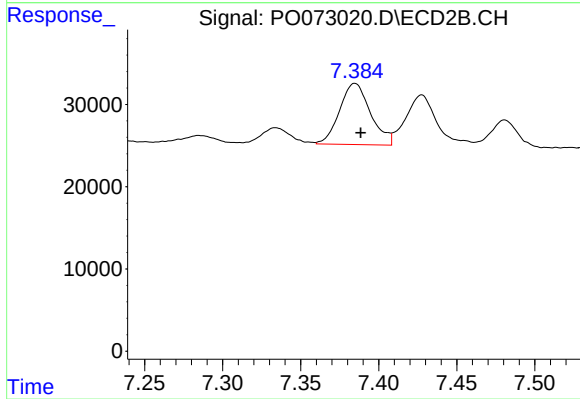
#28 AR-1254-3

R.T.: 6.739 min  
Delta R.T.: 0.017 min  
Response: 54645  
Conc: 17.20 ng/ml



#30 AR-1254-5

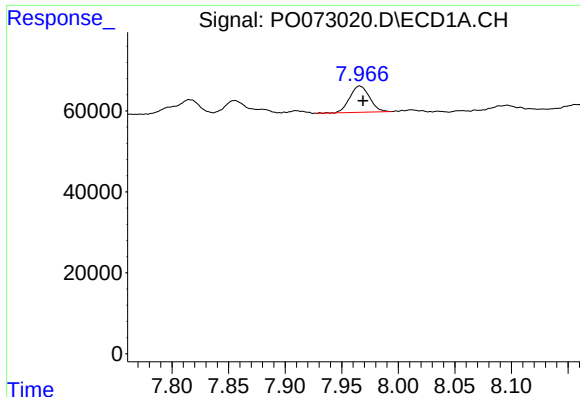
R.T.: 8.524 min  
Delta R.T.: -0.002 min  
Response: 89358  
Conc: 41.34 ng/ml



#30 AR-1254-5

R.T.: 7.385 min  
Delta R.T.: -0.004 min  
Response: 103037  
Conc: 37.02 ng/ml

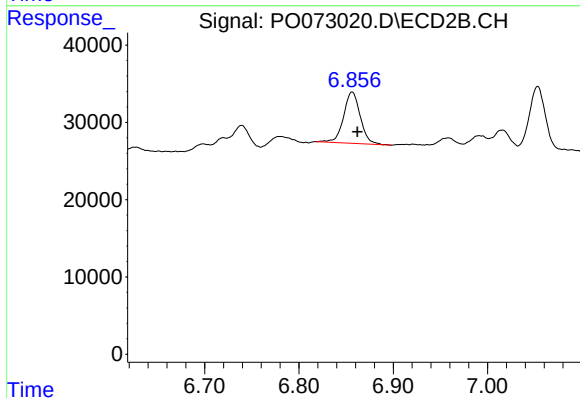




#31 AR-1260-1

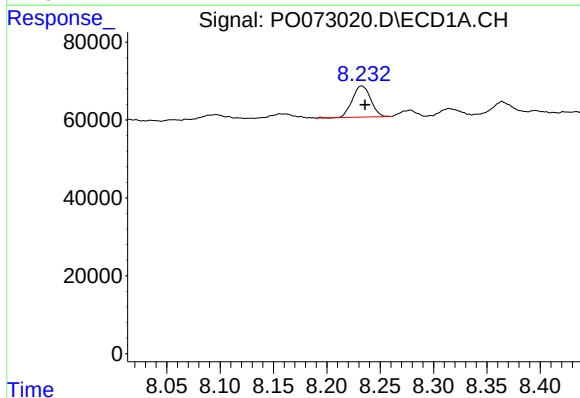
R.T.: 7.966 min  
Delta R.T.: -0.003 min  
Response: 78798  
Conc: 42.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



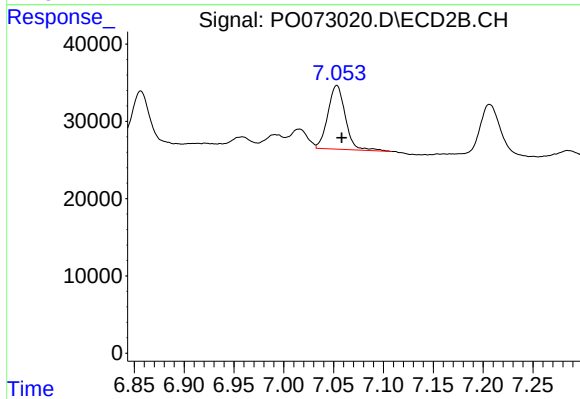
#31 AR-1260-1

R.T.: 6.856 min  
Delta R.T.: -0.006 min  
Response: 81521  
Conc: 41.00 ng/ml



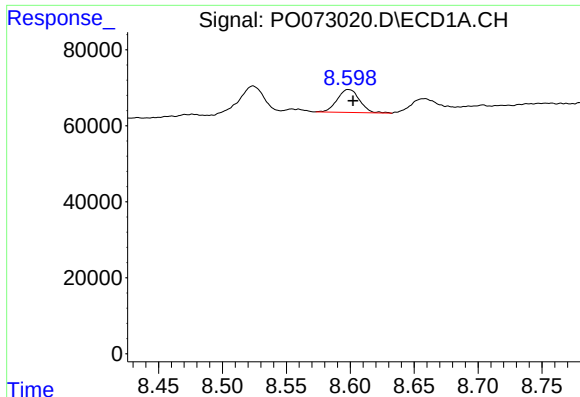
#32 AR-1260-2

R.T.: 8.233 min  
Delta R.T.: -0.003 min  
Response: 95546  
Conc: 42.04 ng/ml



#32 AR-1260-2

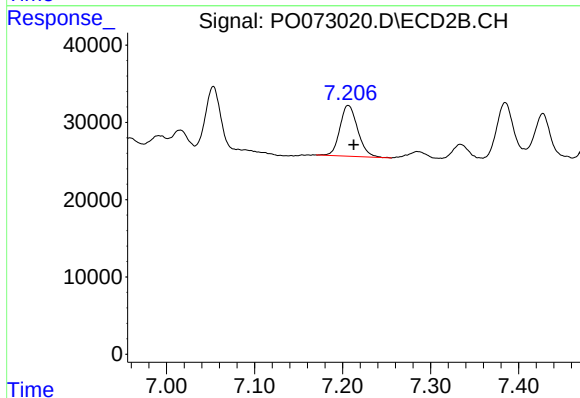
R.T.: 7.053 min  
Delta R.T.: -0.005 min  
Response: 100872  
Conc: 40.26 ng/ml



#33 AR-1260-3

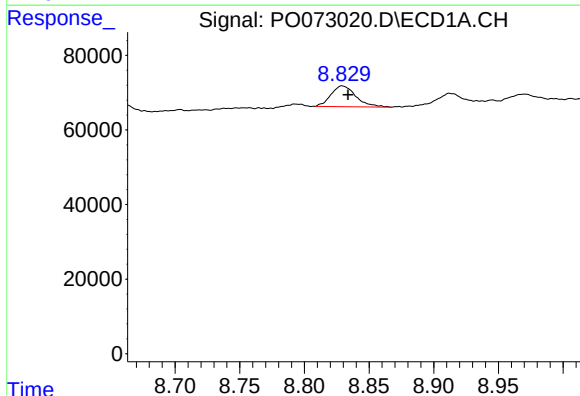
R.T.: 8.599 min  
Delta R.T.: -0.003 min  
Response: 73678  
Conc: 42.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



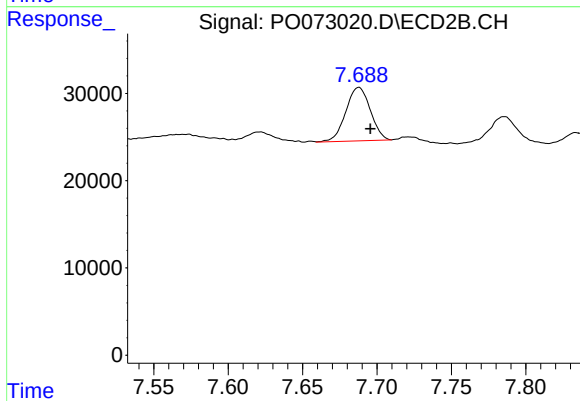
#33 AR-1260-3

R.T.: 7.207 min  
Delta R.T.: -0.006 min  
Response: 92169  
Conc: 41.82 ng/ml



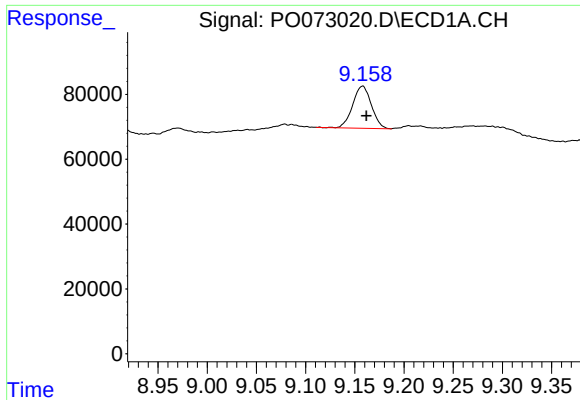
#34 AR-1260-4

R.T.: 8.829 min  
Delta R.T.: -0.004 min  
Response: 75655  
Conc: 37.87 ng/ml



#34 AR-1260-4

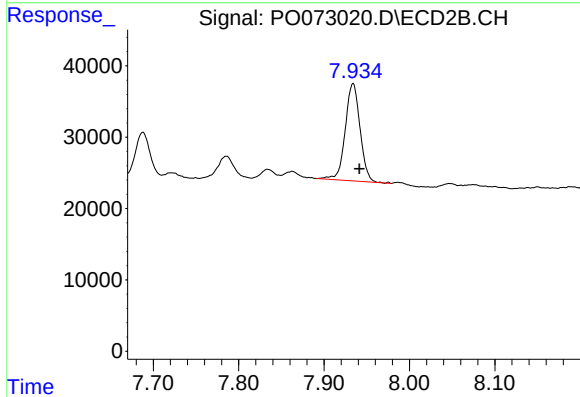
R.T.: 7.688 min  
Delta R.T.: -0.008 min  
Response: 70172  
Conc: 38.13 ng/ml



#35 AR-1260-5

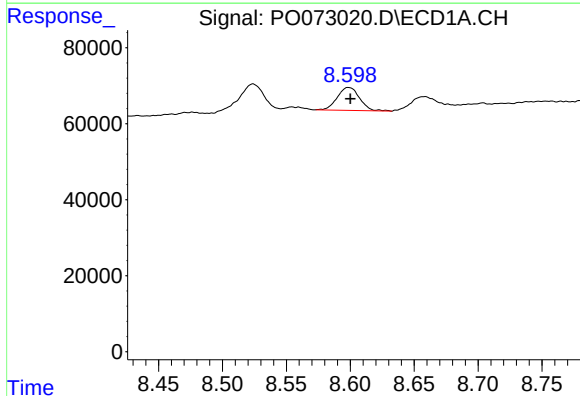
R.T.: 9.158 min  
Delta R.T.: -0.004 min  
Response: 171994  
Conc: 42.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



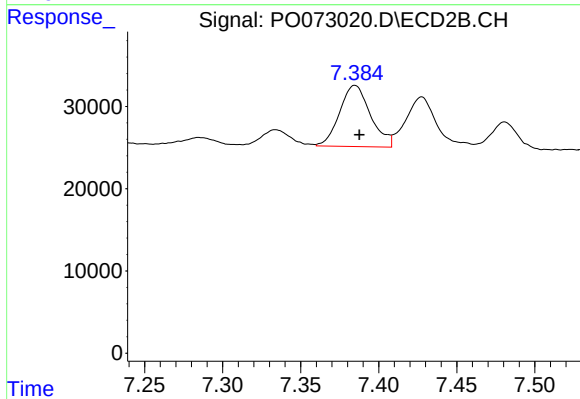
#35 AR-1260-5

R.T.: 7.934 min  
Delta R.T.: -0.007 min  
Response: 164471  
Conc: 37.42 ng/ml



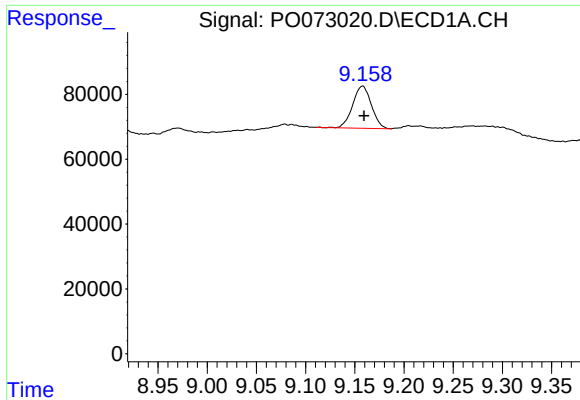
#36 AR-1262-1

R.T.: 8.599 min  
Delta R.T.: -0.001 min  
Response: 73678  
Conc: 30.81 ng/ml



#36 AR-1262-1

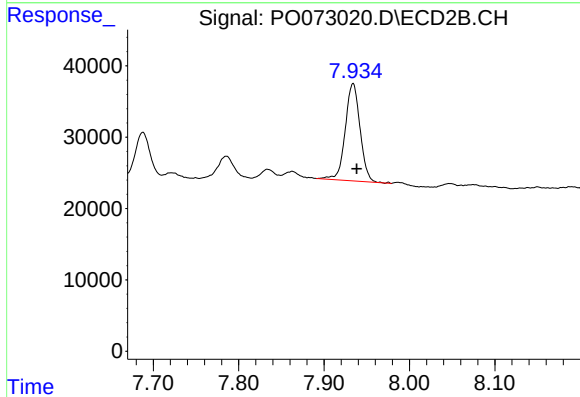
R.T.: 7.385 min  
Delta R.T.: -0.003 min  
Response: 103037  
Conc: 74.31 ng/ml



#37 AR-1262-2

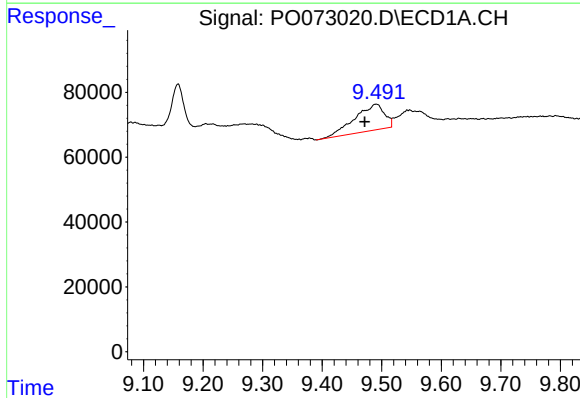
R.T.: 9.158 min  
Delta R.T.: -0.002 min  
Response: 171994  
Conc: 38.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



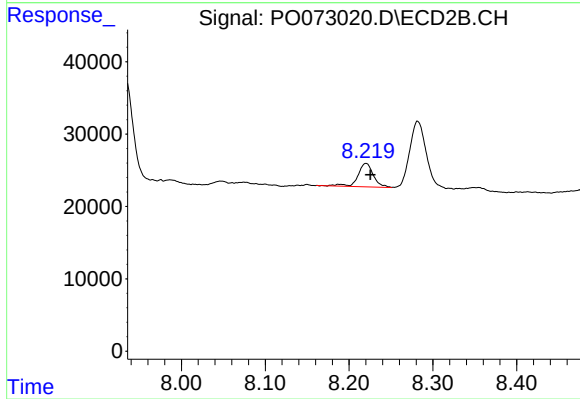
#37 AR-1262-2

R.T.: 7.934 min  
Delta R.T.: -0.004 min  
Response: 164471  
Conc: 36.05 ng/ml



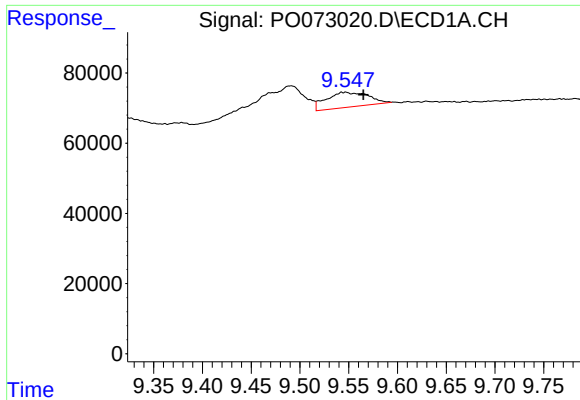
#38 AR-1262-3

R.T.: 9.491 min  
Delta R.T.: 0.019 min  
Response: 280377  
Conc: 87.16 ng/ml



#38 AR-1262-3

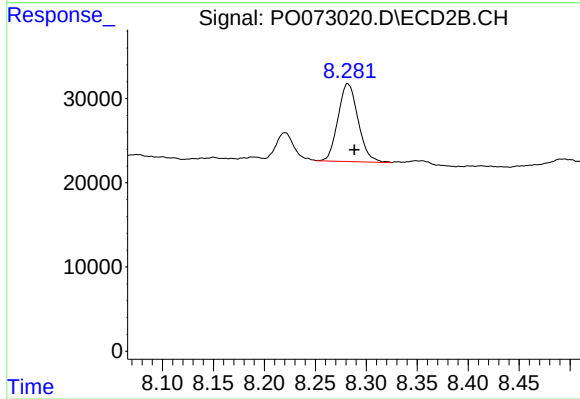
R.T.: 8.220 min  
Delta R.T.: -0.005 min  
Response: 41398  
Conc: 22.62 ng/ml



#39 AR-1262-4

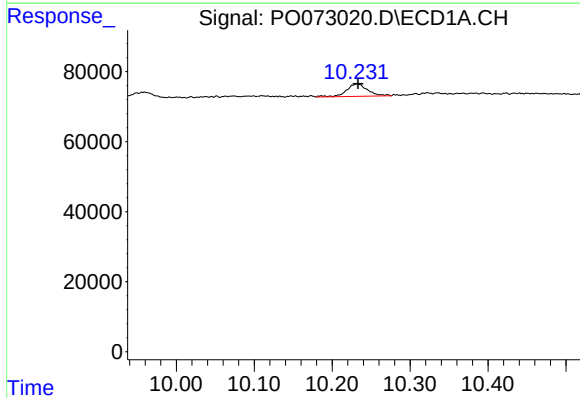
R.T.: 9.547 min  
Delta R.T.: -0.018 min  
Response: 127114  
Conc: 52.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



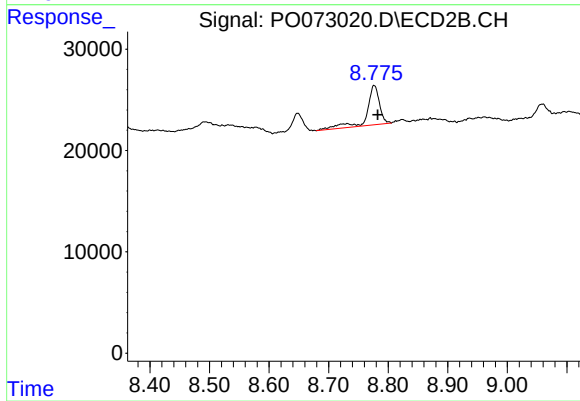
#39 AR-1262-4

R.T.: 8.282 min  
Delta R.T.: -0.006 min  
Response: 126767  
Conc: 38.08 ng/ml



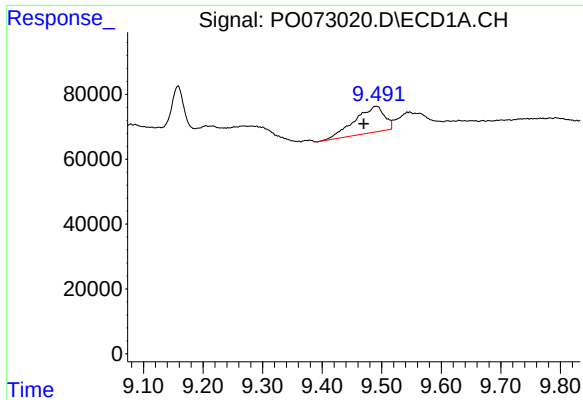
#40 AR-1262-5

R.T.: 10.232 min  
Delta R.T.: -0.002 min  
Response: 66079  
Conc: 39.35 ng/ml



#40 AR-1262-5

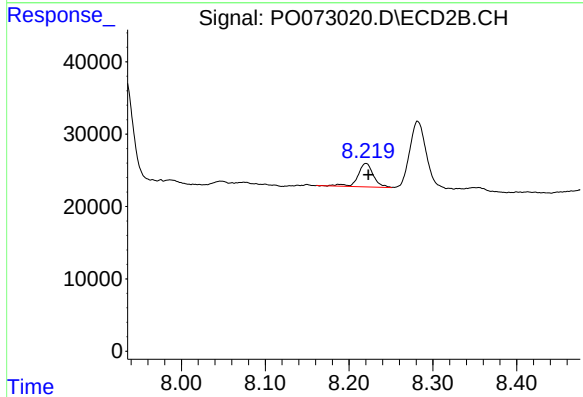
R.T.: 8.777 min  
Delta R.T.: -0.006 min  
Response: 57423  
Conc: 35.07 ng/ml



#41 AR-1268-1

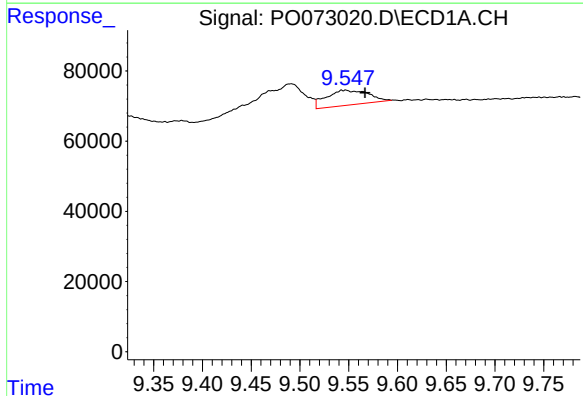
R.T.: 9.491 min  
Delta R.T.: 0.021 min  
Response: 280377  
Conc: 38.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



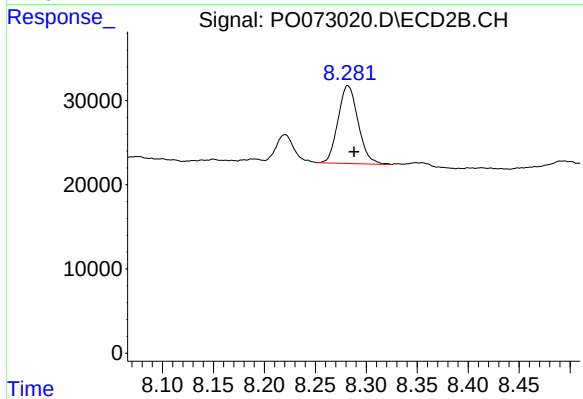
#41 AR-1268-1

R.T.: 8.220 min  
Delta R.T.: -0.003 min  
Response: 41398  
Conc: 6.94 ng/ml



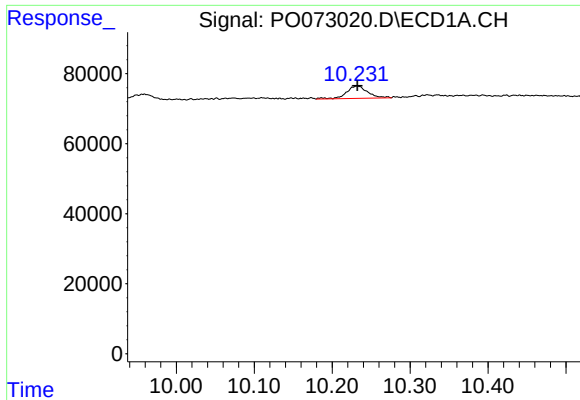
#42 AR-1268-2

R.T.: 9.547 min  
Delta R.T.: -0.020 min  
Response: 127114  
Conc: 19.28 ng/ml



#42 AR-1268-2

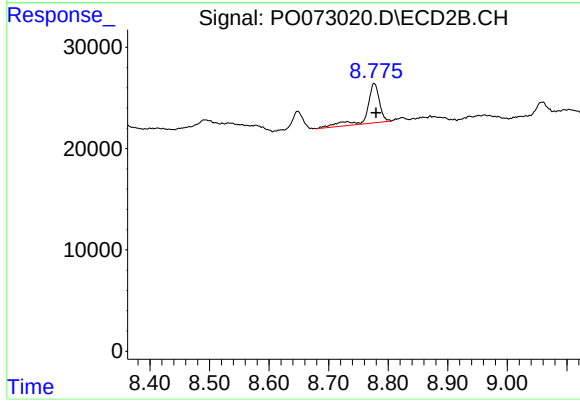
R.T.: 8.282 min  
Delta R.T.: -0.006 min  
Response: 126767  
Conc: 23.34 ng/ml



#44 AR-1268-4

R.T.: 10.232 min  
Delta R.T.: 0.000 min  
Response: 66079  
Conc: 28.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB132763BS



#44 AR-1268-4

R.T.: 8.777 min  
Delta R.T.: -0.003 min  
Response: 57423  
Conc: 26.30 ng/ml