

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120121\  
 Data File : PP041528.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 02 Dec 2021 00:26  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 02 00:56:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP113021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 30 23:30:32 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... | 4.745  | 3.750 | 1206490 | 1694202 | 53.504   | 55.774   |
| 2)                          | SA Decachlor... | 10.639 | 9.007 | 1092736 | 748538  | 50.748   | 48.433   |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.061  | 4.997 | 294370  | 356498  | 367.900  | 383.728  |
| 4)                          | L1 AR-1016-2    | 6.084  | 5.016 | 443708  | 534401  | 372.404  | 376.449  |
| 5)                          | L1 AR-1016-3    | 6.149  | 5.206 | 279096  | 295002  | 374.536  | 367.432  |
| 6)                          | L1 AR-1016-4    | 6.256  | 5.260 | 224281  | 225091  | 369.450  | 357.219  |
| 7)                          | L1 AR-1016-5    | 6.570  | 5.487 | 219350  | 287028  | 374.318  | 385.864  |
| 8)                          | L2 AR-1221-1    | 4.989  | 4.006 | 38458   | 48559   | 146.317  | 138.370  |
| 9)                          | L2 AR-1221-2    | 5.094  | 4.104 | 48554   | 71202   | 259.083  | 258.642  |
| 10)                         | L2 AR-1221-3    | 5.181  | 4.192 | 175652  | 263691  | 281.680  | 303.843  |
| 11)                         | L3 AR-1232-1    | 5.181  | 4.192 | 175652  | 263691  | 339.917  | 355.979  |
| 12)                         | L3 AR-1232-2    | 5.765  | 5.016 | 233145  | 534401  | 906.040  | 861.120  |
| 13)                         | L3 AR-1232-3    | 6.084  | 5.206 | 443708  | 295002  | 896.632  | 910.795  |
| 14)                         | L3 AR-1232-4    | 6.256  | 5.303 | 224281  | 277057  | 913.571  | 970.499  |
| 15)                         | L3 AR-1232-5    | 6.354  | 5.487 | 165384  | 287028  | 1027.319 | 932.815  |
| 16)                         | L4 AR-1242-1    | 6.061  | 4.997 | 294370  | 356498  | 490.829  | 484.078  |
| 17)                         | L4 AR-1242-2    | 6.084  | 5.016 | 443708  | 534401  | 483.277  | 479.792  |
| 18)                         | L4 AR-1242-3    | 6.149  | 5.206 | 279096  | 295002  | 480.731  | 480.313  |
| 19)                         | L4 AR-1242-4    | 6.256  | 5.303 | 224281  | 277057  | 478.612  | 472.114  |
| 20)                         | L4 AR-1242-5    | 7.037  | 5.865 | 254976  | 317746  | 530.583  | 488.218  |
| 21)                         | L5 AR-1248-1    | 6.061  | 4.997 | 294370  | 356498  | 672.425  | 652.320  |
| 22)                         | L5 AR-1248-2    | 6.354  | 5.260 | 165384  | 225091  | 266.681  | 276.477  |
| 23)                         | L5 AR-1248-3    | 6.570  | 5.303 | 219350  | 277057  | 293.601  | 327.154  |
| 24)                         | L5 AR-1248-4    | 6.998  | 5.487 | 229686  | 287028  | 274.205  | 294.321  |
| 25)                         | L5 AR-1248-5    | 7.037  | 5.907 | 254976  | 273642  | 306.405  | 305.615  |
| 26)                         | L6 AR-1254-1    | 6.967  | 5.865 | 172557  | 317746  | 203.317  | 228.258  |
| 27)                         | L6 AR-1254-2    | 7.201  | 6.025 | 206482  | 79553   | 156.735  | 66.614 # |
| 28)                         | L6 AR-1254-3    | 7.577  | 6.443 | 81625   | 104048  | 57.305   | 58.775   |
| 29)                         | L6 AR-1254-4    | 7.873  | 6.684 | 58032   | 66345   | 55.935   | 64.369   |
| 30)                         | L6 AR-1254-5    | 8.299  | 7.111 | 15052   | 21980   | 13.412   | 15.075   |
| 31)                         | L7 AR-1260-1    | 7.742  | 6.590 | 7017    | 58585   | 7.108    | 51.146 # |
| 32)                         | L7 AR-1260-2    | 7.992f | 0.000 | 38196   | 0       | 30.401   | N.D. #   |
| 33)                         | L7 AR-1260-3    | 8.364  | 6.932 | 1804    | 28055   | 1.992    | 20.974 # |
| 34)                         | L7 AR-1260-4    | 8.594  | 0.000 | 19218   | 0       | 17.958   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.924  | 0.000 | 1939    | 0       | 0.936    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.364  | 7.111 | 1804    | 21980   | 1.421    | 29.409 # |
| 37)                         | L8 AR-1262-2    | 8.924  | 0.000 | 1939    | 0       | 0.858    | N.D. #   |
| -----                       |                 |        |       |         |         |          |          |

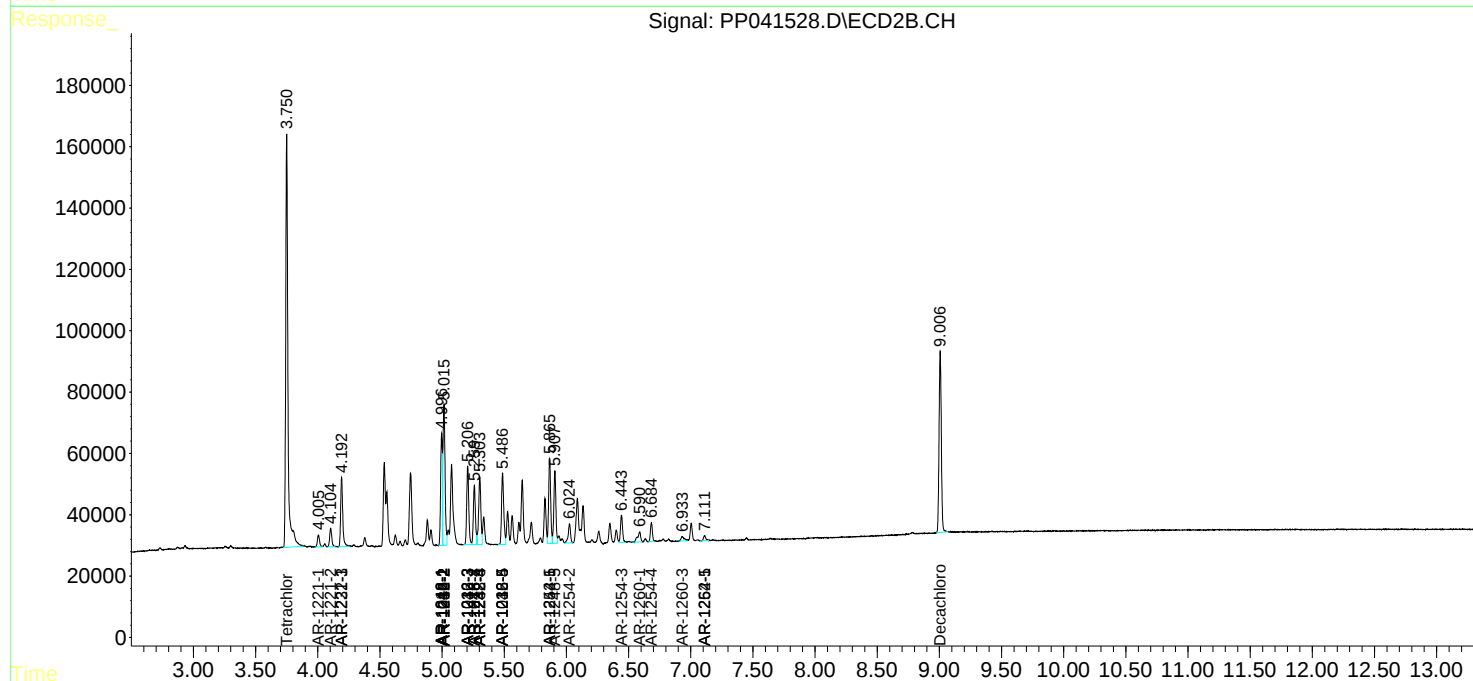
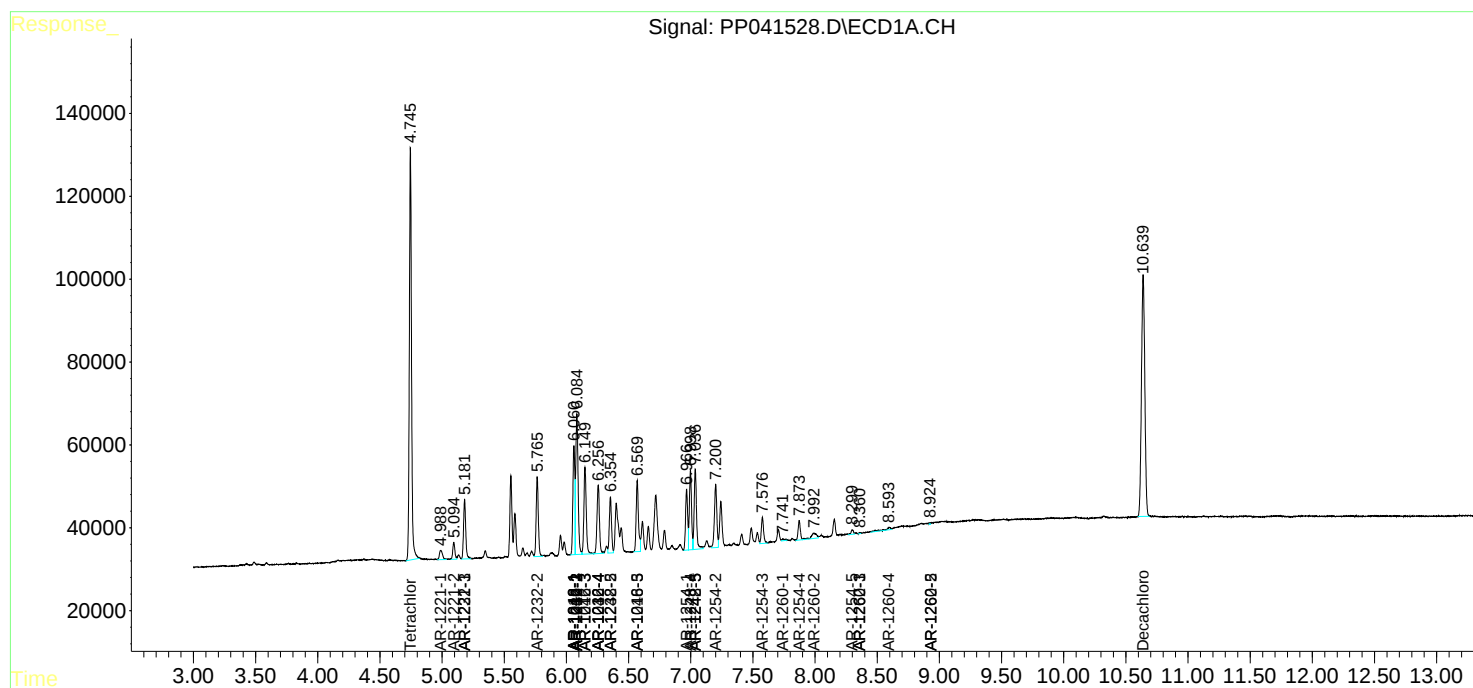
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

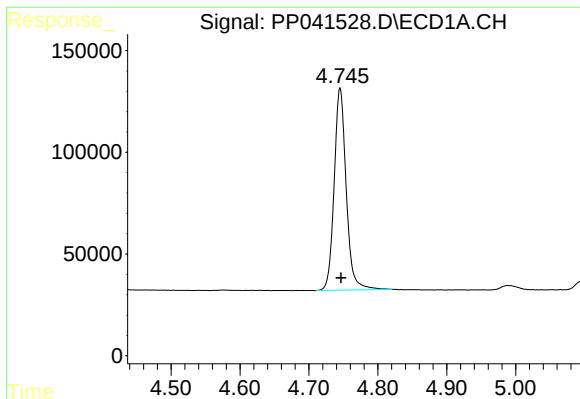
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120121\  
Data File : PP041528.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 02 Dec 2021 00:26  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 02 00:56:22 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP113021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 30 23:30:32 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

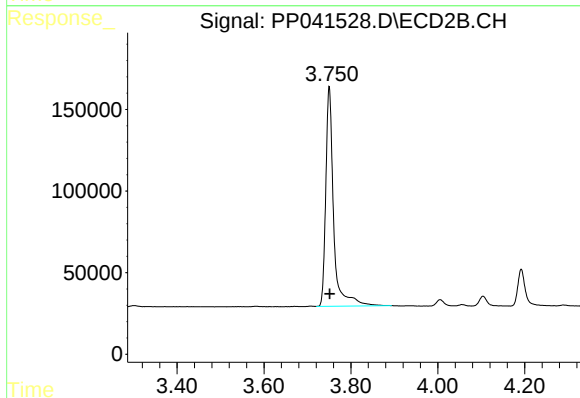




#1 Tetrachloro-m-xylene

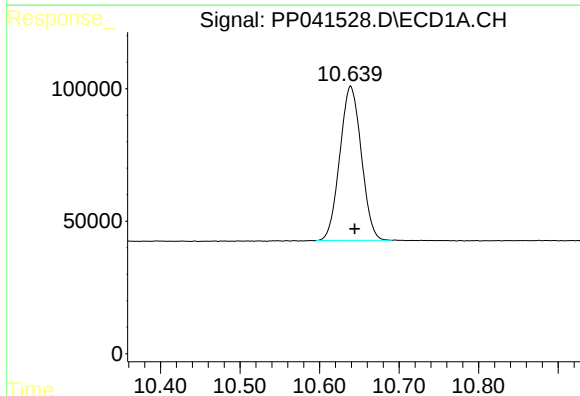
R.T.: 4.745 min  
Delta R.T.: -0.002 min  
Response: 1206490  
Conc: 53.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



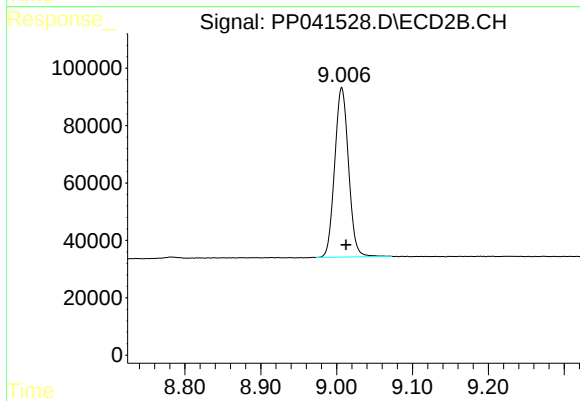
#1 Tetrachloro-m-xylene

R.T.: 3.750 min  
Delta R.T.: -0.001 min  
Response: 1694202  
Conc: 55.77 ng/ml



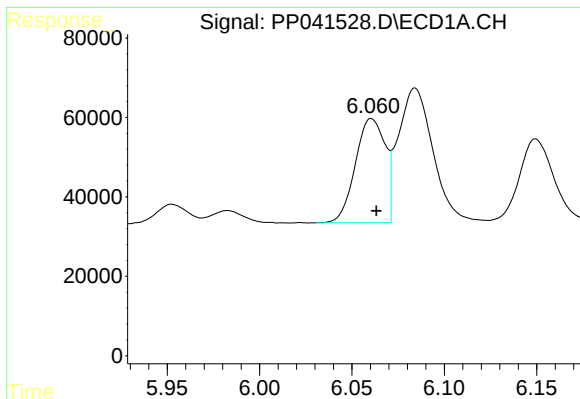
#2 Decachlorobiphenyl

R.T.: 10.639 min  
Delta R.T.: -0.005 min  
Response: 1092736  
Conc: 50.75 ng/ml



#2 Decachlorobiphenyl

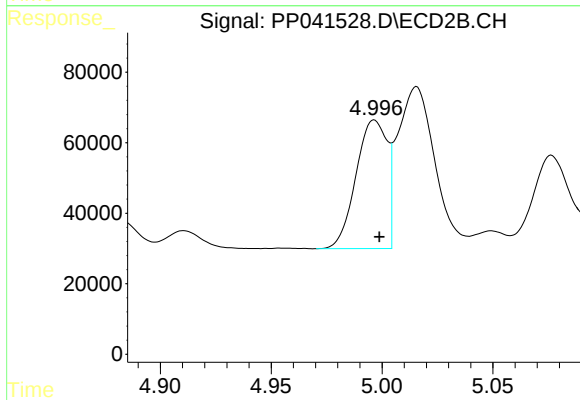
R.T.: 9.007 min  
Delta R.T.: -0.006 min  
Response: 748538  
Conc: 48.43 ng/ml



#3 AR-1016-1

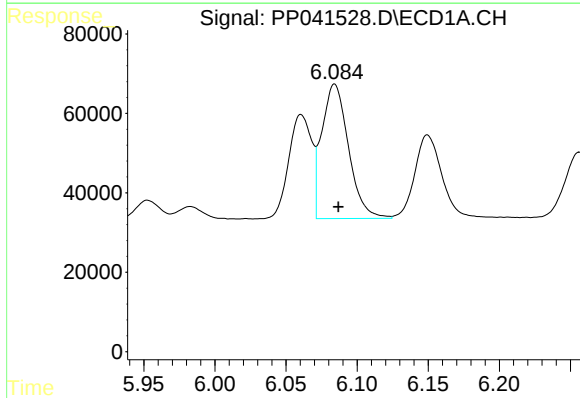
R.T.: 6.061 min  
Delta R.T.: -0.003 min  
Response: 294370  
Conc: 367.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



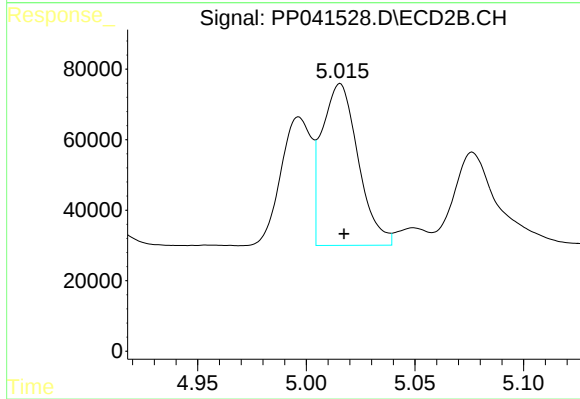
#3 AR-1016-1

R.T.: 4.997 min  
Delta R.T.: -0.002 min  
Response: 356498  
Conc: 383.73 ng/ml



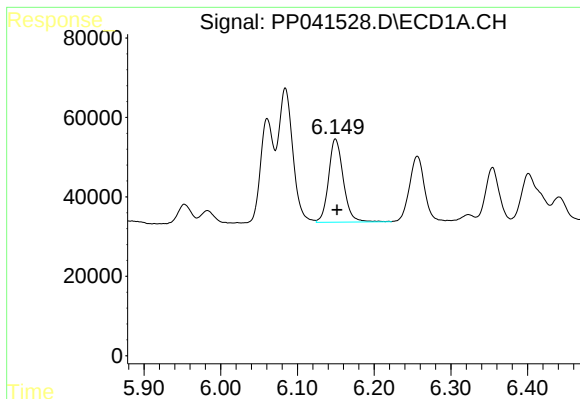
#4 AR-1016-2

R.T.: 6.084 min  
Delta R.T.: -0.003 min  
Response: 443708  
Conc: 372.40 ng/ml



#4 AR-1016-2

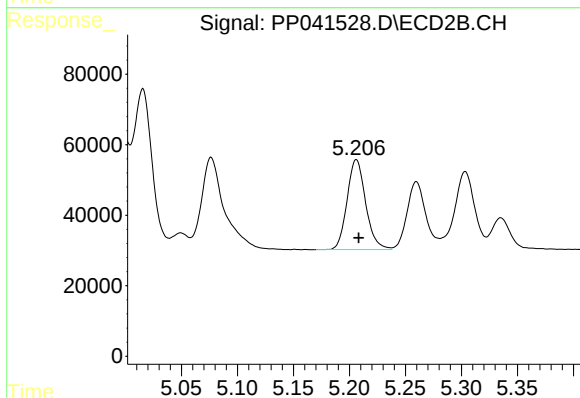
R.T.: 5.016 min  
Delta R.T.: -0.002 min  
Response: 534401  
Conc: 376.45 ng/ml



#5 AR-1016-3

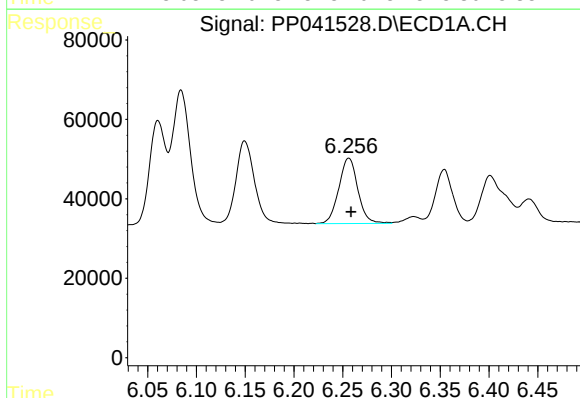
R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 279096  
Conc: 374.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



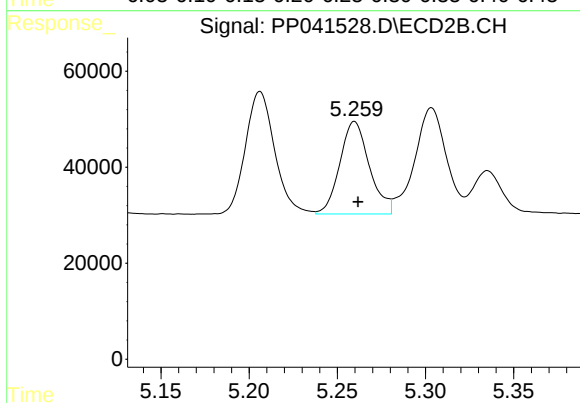
#5 AR-1016-3

R.T.: 5.206 min  
Delta R.T.: -0.002 min  
Response: 295002  
Conc: 367.43 ng/ml



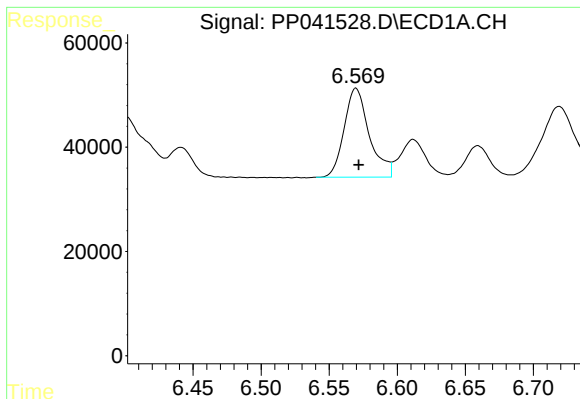
#6 AR-1016-4

R.T.: 6.256 min  
Delta R.T.: -0.002 min  
Response: 224281  
Conc: 369.45 ng/ml



#6 AR-1016-4

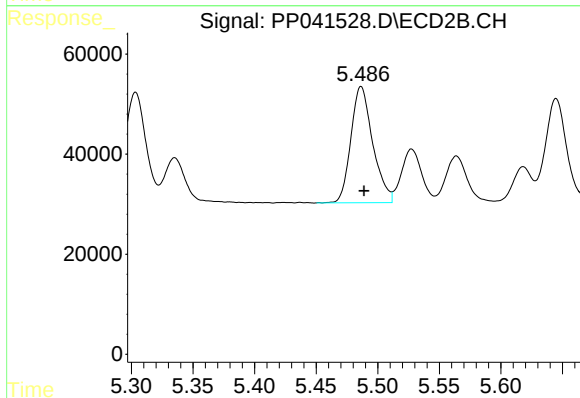
R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 225091  
Conc: 357.22 ng/ml



#7 AR-1016-5

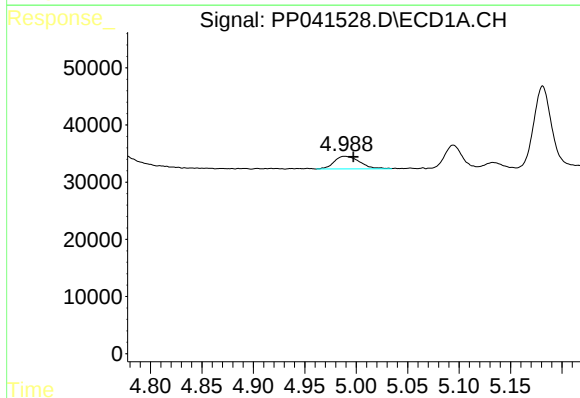
R.T.: 6.570 min  
Delta R.T.: -0.002 min  
Response: 219350  
Conc: 374.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



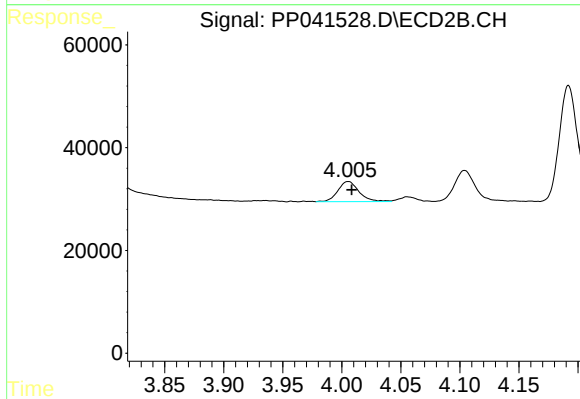
#7 AR-1016-5

R.T.: 5.487 min  
Delta R.T.: -0.002 min  
Response: 287028  
Conc: 385.86 ng/ml



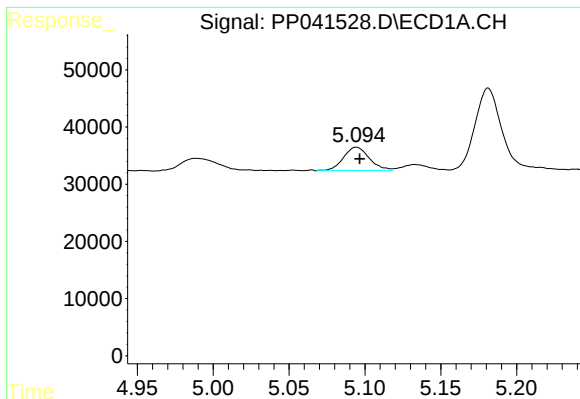
#8 AR-1221-1

R.T.: 4.989 min  
Delta R.T.: -0.009 min  
Response: 38458  
Conc: 146.32 ng/ml



#8 AR-1221-1

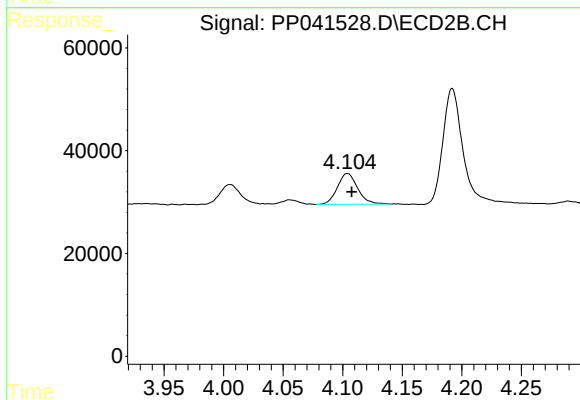
R.T.: 4.006 min  
Delta R.T.: -0.003 min  
Response: 48559  
Conc: 138.37 ng/ml



#9 AR-1221-2

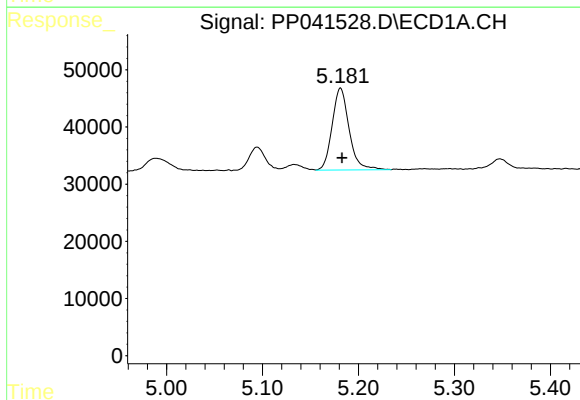
R.T.: 5.094 min  
Delta R.T.: -0.002 min  
Response: 48554  
Conc: 259.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



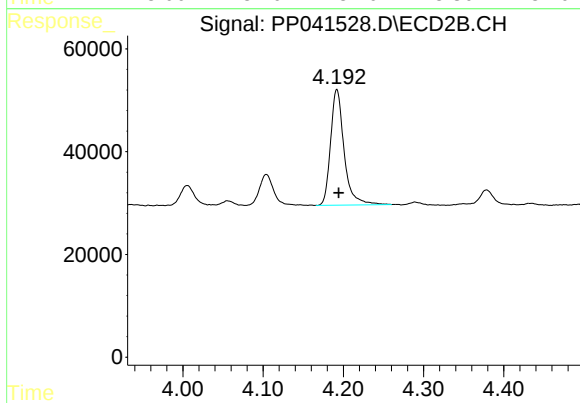
#9 AR-1221-2

R.T.: 4.104 min  
Delta R.T.: -0.003 min  
Response: 71202  
Conc: 258.64 ng/ml



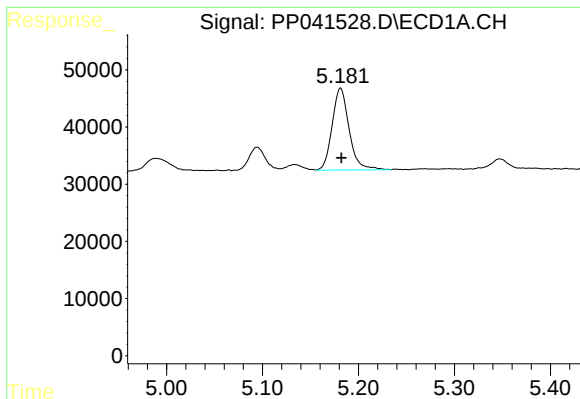
#10 AR-1221-3

R.T.: 5.181 min  
Delta R.T.: -0.002 min  
Response: 175652  
Conc: 281.68 ng/ml



#10 AR-1221-3

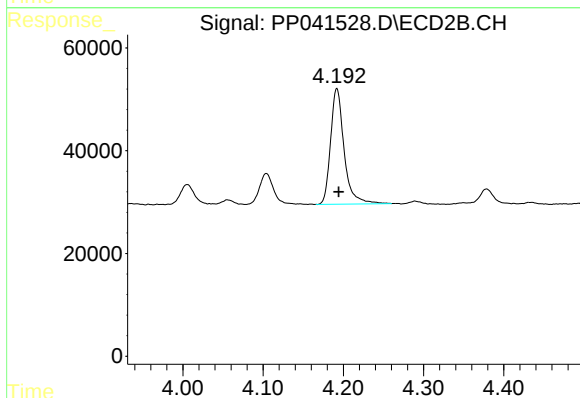
R.T.: 4.192 min  
Delta R.T.: -0.002 min  
Response: 263691  
Conc: 303.84 ng/ml



#11 AR-1232-1

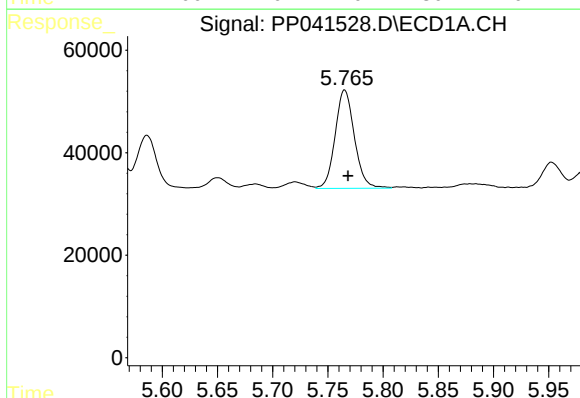
R.T.: 5.181 min  
Delta R.T.: -0.001 min  
Response: 175652  
Conc: 339.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



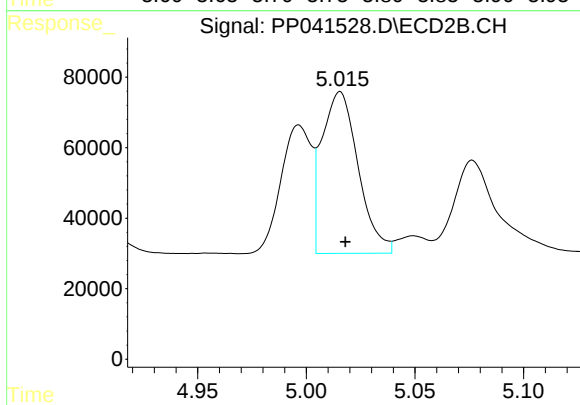
#11 AR-1232-1

R.T.: 4.192 min  
Delta R.T.: -0.002 min  
Response: 263691  
Conc: 355.98 ng/ml



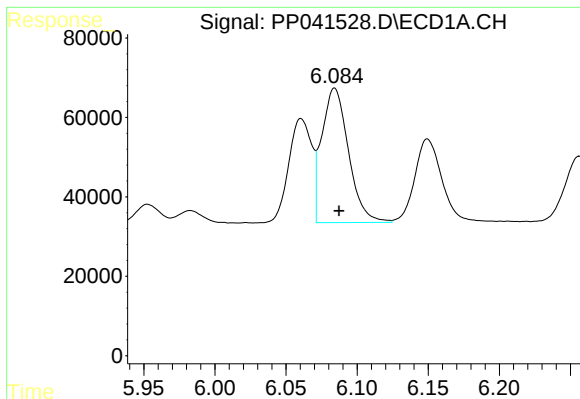
#12 AR-1232-2

R.T.: 5.765 min  
Delta R.T.: -0.003 min  
Response: 233145  
Conc: 906.04 ng/ml



#12 AR-1232-2

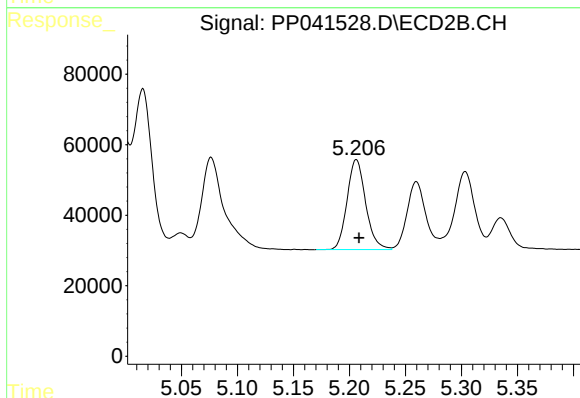
R.T.: 5.016 min  
Delta R.T.: -0.002 min  
Response: 534401  
Conc: 861.12 ng/ml



#13 AR-1232-3

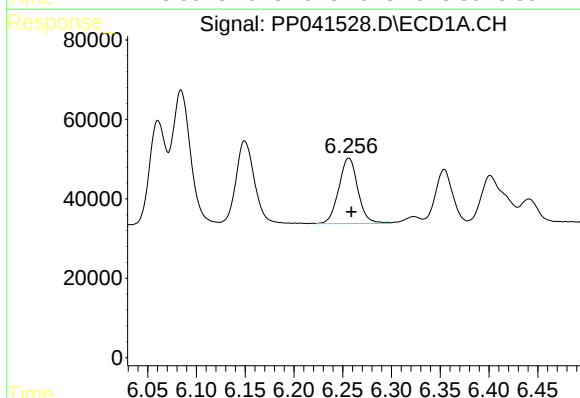
R.T.: 6.084 min  
Delta R.T.: -0.003 min  
Response: 443708  
Conc: 896.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



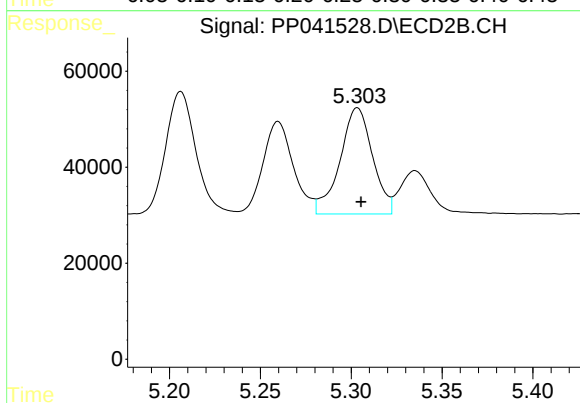
#13 AR-1232-3

R.T.: 5.206 min  
Delta R.T.: -0.002 min  
Response: 295002  
Conc: 910.79 ng/ml



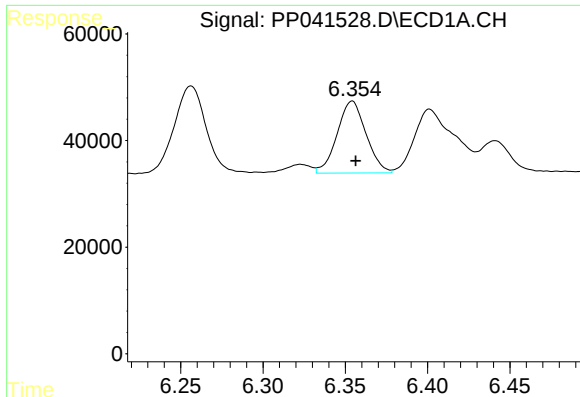
#14 AR-1232-4

R.T.: 6.256 min  
Delta R.T.: -0.003 min  
Response: 224281  
Conc: 913.57 ng/ml



#14 AR-1232-4

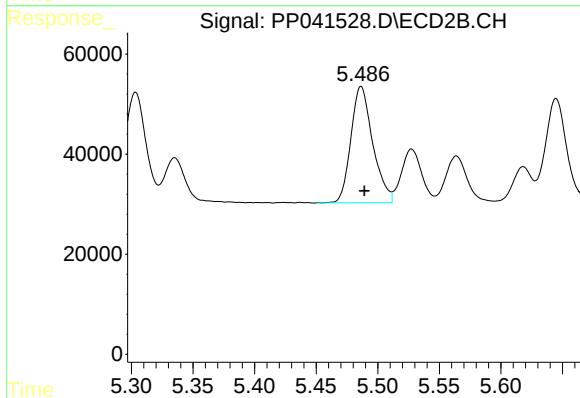
R.T.: 5.303 min  
Delta R.T.: -0.002 min  
Response: 277057  
Conc: 970.50 ng/ml



#15 AR-1232-5

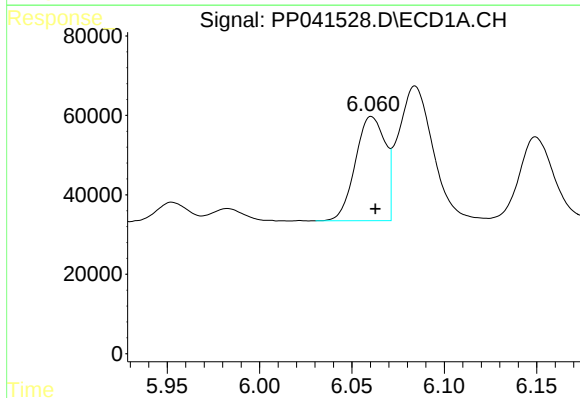
R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 165384  
Conc: 1027.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



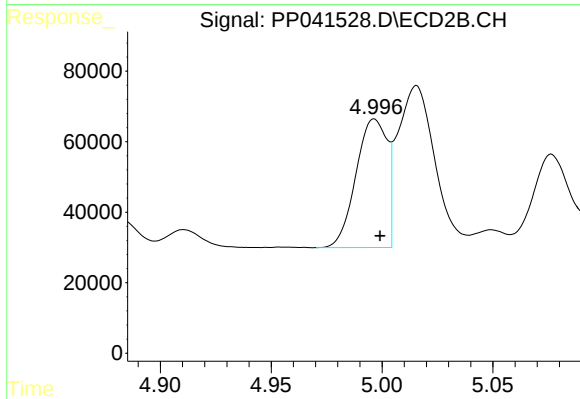
#15 AR-1232-5

R.T.: 5.487 min  
Delta R.T.: -0.003 min  
Response: 287028  
Conc: 932.81 ng/ml



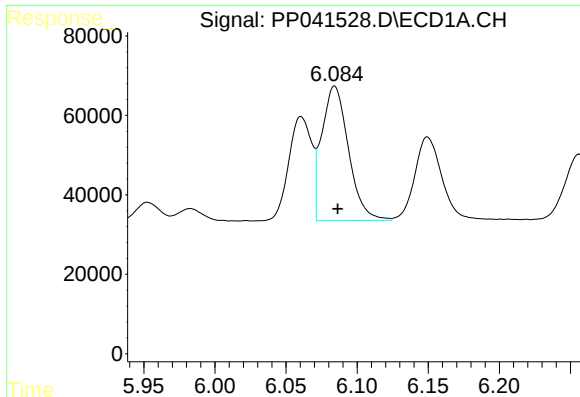
#16 AR-1242-1

R.T.: 6.061 min  
Delta R.T.: -0.002 min  
Response: 294370  
Conc: 490.83 ng/ml



#16 AR-1242-1

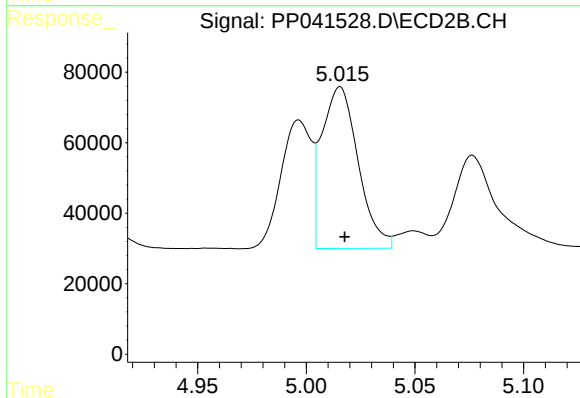
R.T.: 4.997 min  
Delta R.T.: -0.003 min  
Response: 356498  
Conc: 484.08 ng/ml



#17 AR-1242-2

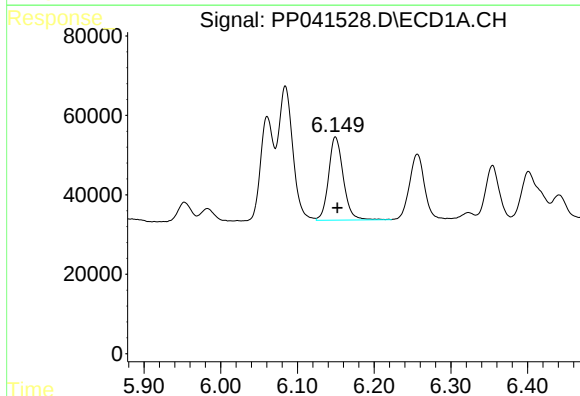
R.T.: 6.084 min  
Delta R.T.: -0.002 min  
Response: 443708  
Conc: 483.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



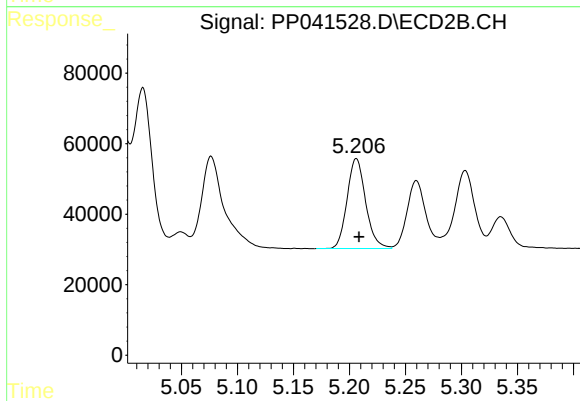
#17 AR-1242-2

R.T.: 5.016 min  
Delta R.T.: -0.002 min  
Response: 534401  
Conc: 479.79 ng/ml



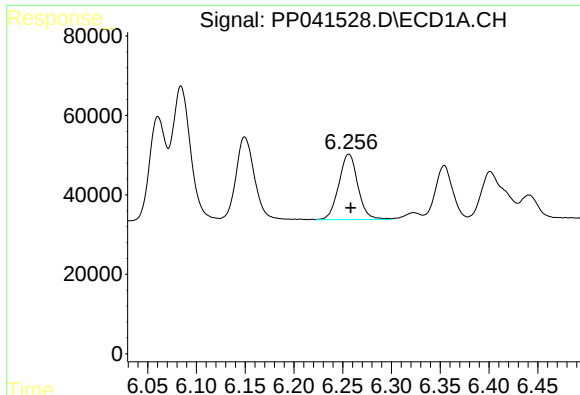
#18 AR-1242-3

R.T.: 6.149 min  
Delta R.T.: -0.003 min  
Response: 279096  
Conc: 480.73 ng/ml



#18 AR-1242-3

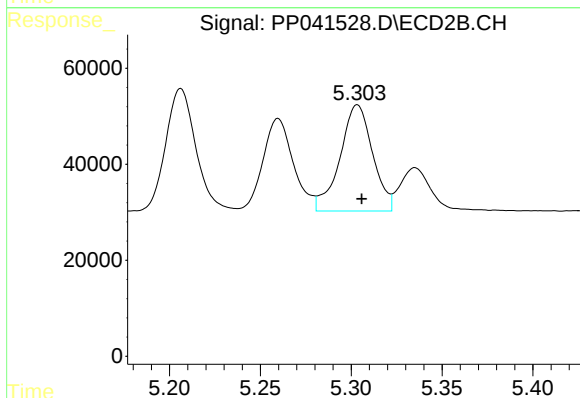
R.T.: 5.206 min  
Delta R.T.: -0.002 min  
Response: 295002  
Conc: 480.31 ng/ml



#19 AR-1242-4

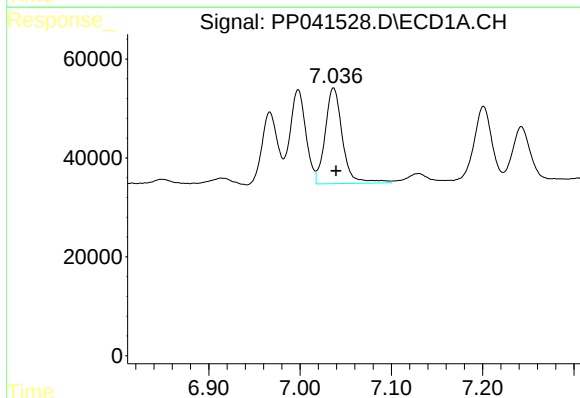
R.T.: 6.256 min  
Delta R.T.: -0.002 min  
Response: 224281  
Conc: 478.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



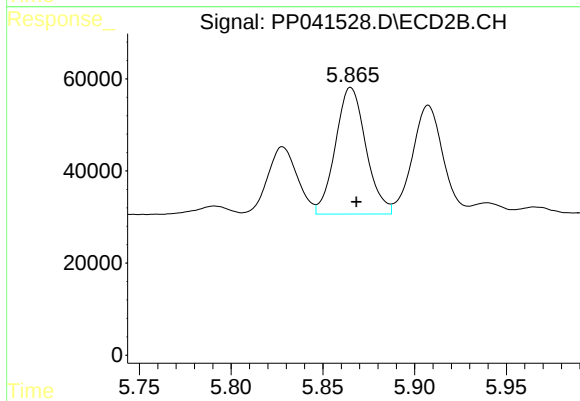
#19 AR-1242-4

R.T.: 5.303 min  
Delta R.T.: -0.002 min  
Response: 277057  
Conc: 472.11 ng/ml



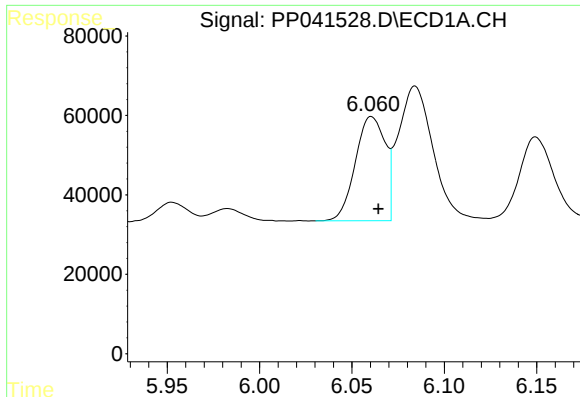
#20 AR-1242-5

R.T.: 7.037 min  
Delta R.T.: -0.003 min  
Response: 254976  
Conc: 530.58 ng/ml



#20 AR-1242-5

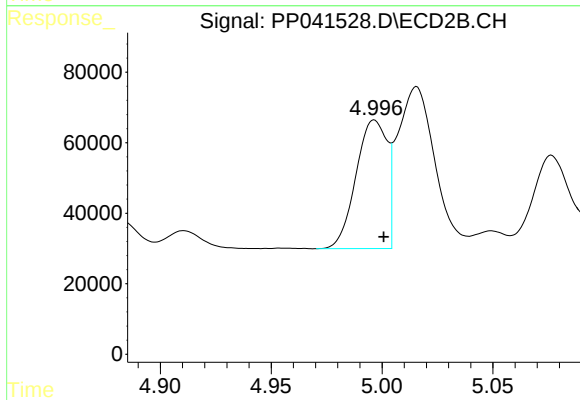
R.T.: 5.865 min  
Delta R.T.: -0.003 min  
Response: 317746  
Conc: 488.22 ng/ml



#21 AR-1248-1

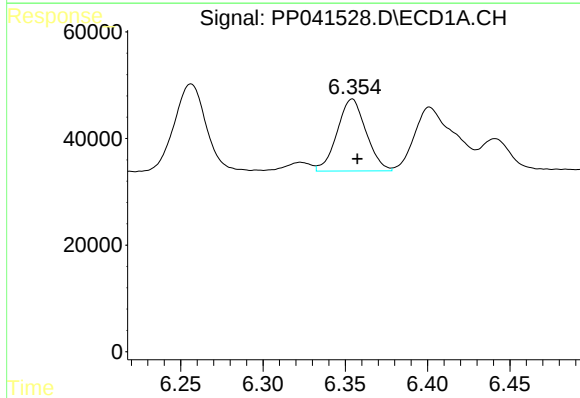
R.T.: 6.061 min  
Delta R.T.: -0.004 min  
Response: 294370  
Conc: 672.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



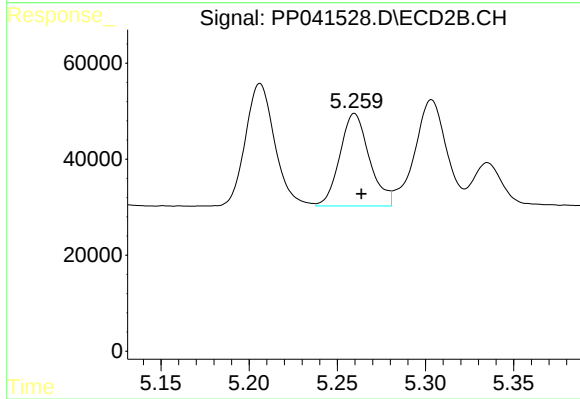
#21 AR-1248-1

R.T.: 4.997 min  
Delta R.T.: -0.004 min  
Response: 356498  
Conc: 652.32 ng/ml



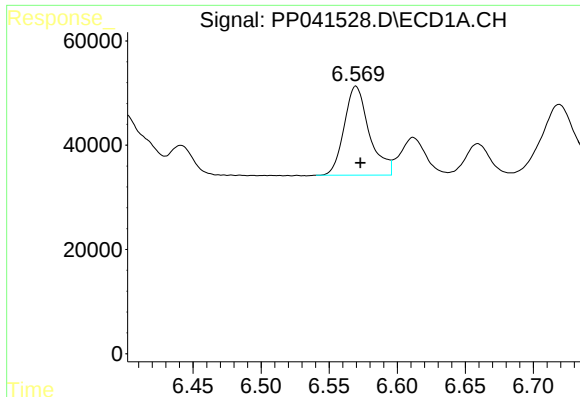
#22 AR-1248-2

R.T.: 6.354 min  
Delta R.T.: -0.003 min  
Response: 165384  
Conc: 266.68 ng/ml



#22 AR-1248-2

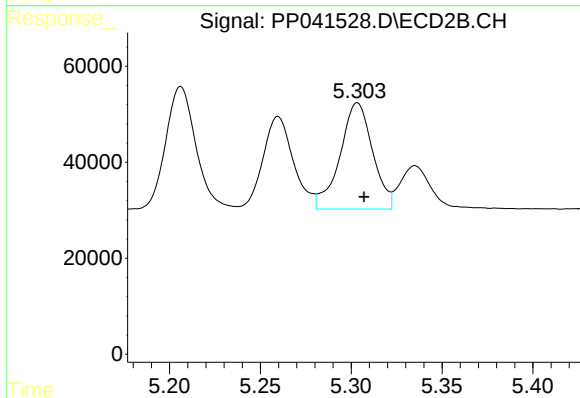
R.T.: 5.260 min  
Delta R.T.: -0.004 min  
Response: 225091  
Conc: 276.48 ng/ml



#23 AR-1248-3

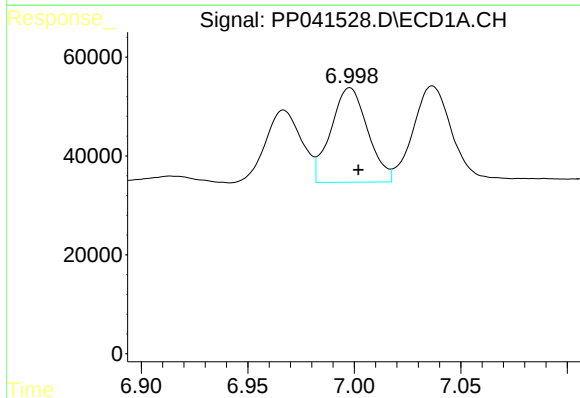
R.T.: 6.570 min  
Delta R.T.: -0.003 min  
Response: 219350  
Conc: 293.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



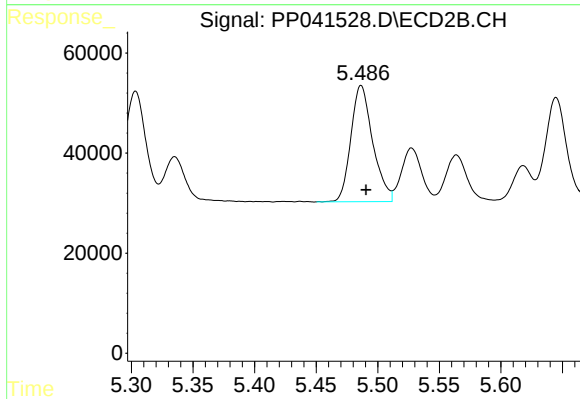
#23 AR-1248-3

R.T.: 5.303 min  
Delta R.T.: -0.004 min  
Response: 277057  
Conc: 327.15 ng/ml



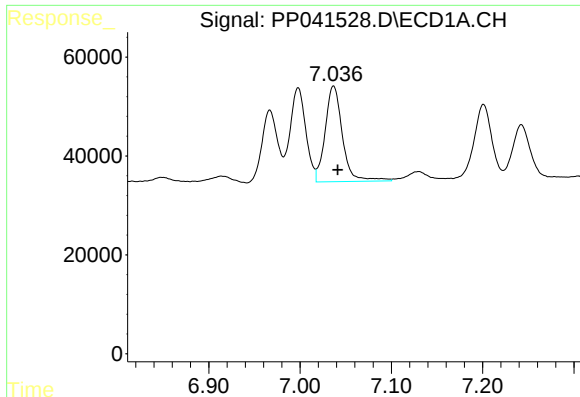
#24 AR-1248-4

R.T.: 6.998 min  
Delta R.T.: -0.004 min  
Response: 229686  
Conc: 274.21 ng/ml



#24 AR-1248-4

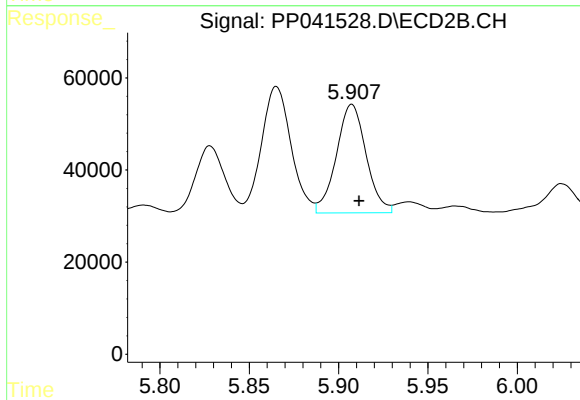
R.T.: 5.487 min  
Delta R.T.: -0.004 min  
Response: 287028  
Conc: 294.32 ng/ml



#25 AR-1248-5

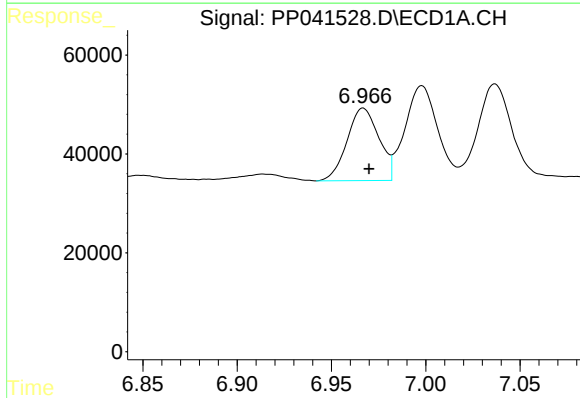
R.T.: 7.037 min  
Delta R.T.: -0.005 min  
Response: 254976  
Conc: 306.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



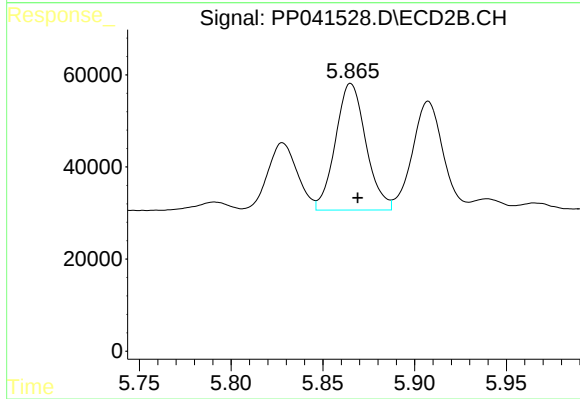
#25 AR-1248-5

R.T.: 5.907 min  
Delta R.T.: -0.004 min  
Response: 273642  
Conc: 305.62 ng/ml



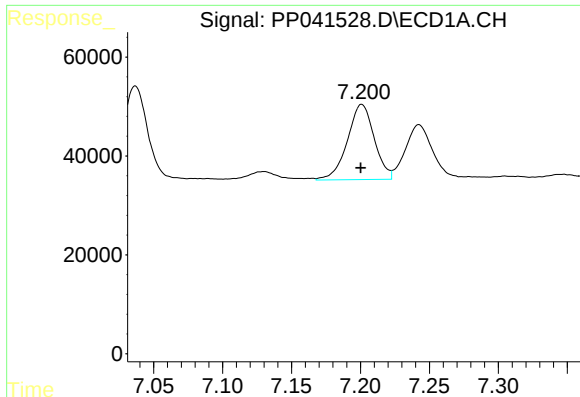
#26 AR-1254-1

R.T.: 6.967 min  
Delta R.T.: -0.003 min  
Response: 172557  
Conc: 203.32 ng/ml



#26 AR-1254-1

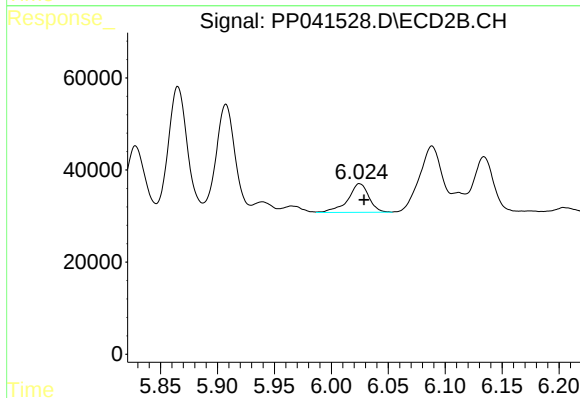
R.T.: 5.865 min  
Delta R.T.: -0.004 min  
Response: 317746  
Conc: 228.26 ng/ml



#27 AR-1254-2

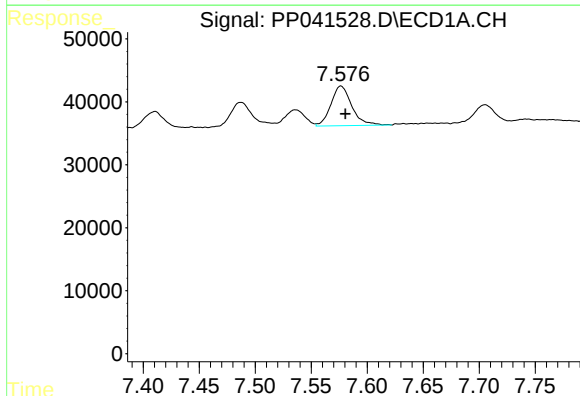
R.T.: 7.201 min  
Delta R.T.: 0.000 min  
Response: 206482  
Conc: 156.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



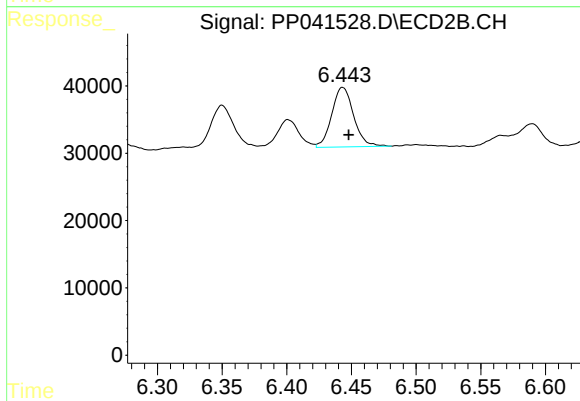
#27 AR-1254-2

R.T.: 6.025 min  
Delta R.T.: -0.004 min  
Response: 79553  
Conc: 66.61 ng/ml



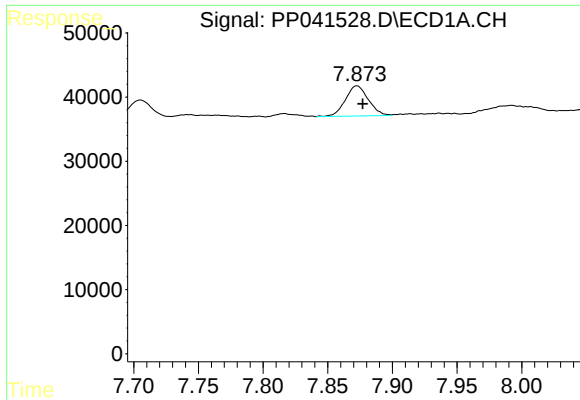
#28 AR-1254-3

R.T.: 7.577 min  
Delta R.T.: -0.004 min  
Response: 81625  
Conc: 57.31 ng/ml



#28 AR-1254-3

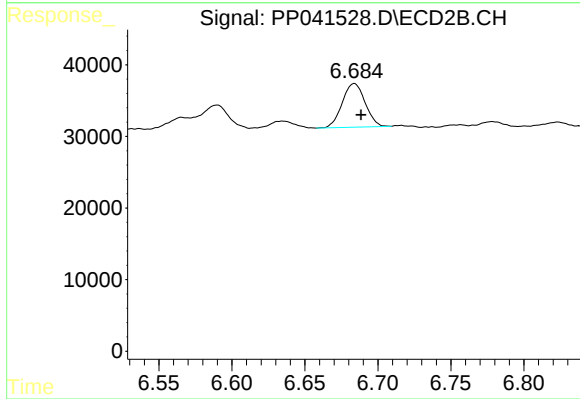
R.T.: 6.443 min  
Delta R.T.: -0.005 min  
Response: 104048  
Conc: 58.78 ng/ml



#29 AR-1254-4

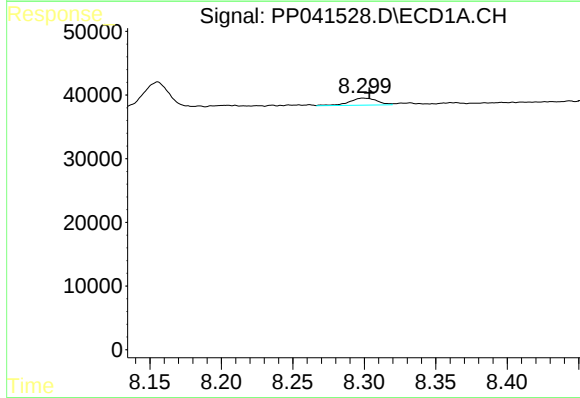
R.T.: 7.873 min  
Delta R.T.: -0.005 min  
Response: 58032  
Conc: 55.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



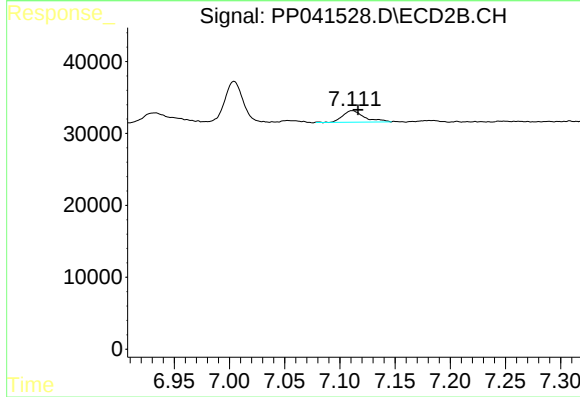
#29 AR-1254-4

R.T.: 6.684 min  
Delta R.T.: -0.005 min  
Response: 66345  
Conc: 64.37 ng/ml



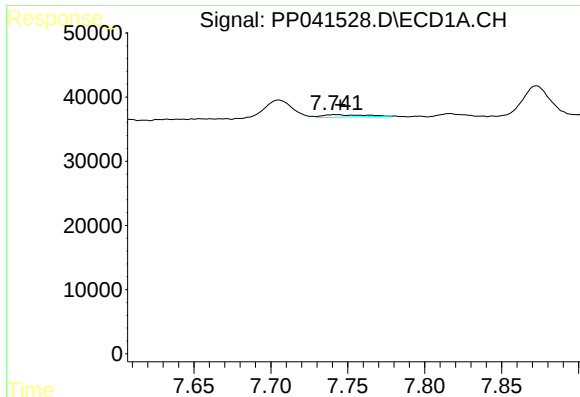
#30 AR-1254-5

R.T.: 8.299 min  
Delta R.T.: -0.004 min  
Response: 15052  
Conc: 13.41 ng/ml



#30 AR-1254-5

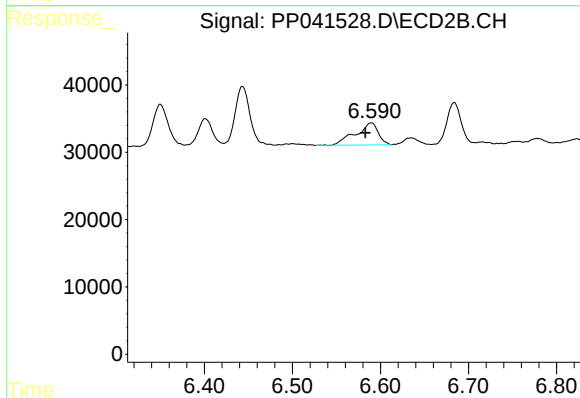
R.T.: 7.111 min  
Delta R.T.: -0.005 min  
Response: 21980  
Conc: 15.08 ng/ml



#31 AR-1260-1

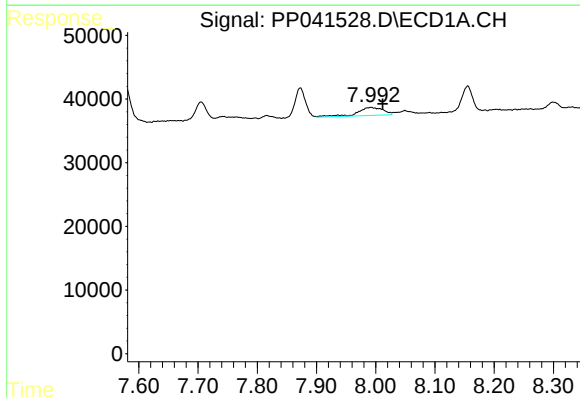
R.T.: 7.742 min  
Delta R.T.: -0.003 min  
Response: 7017  
Conc: 7.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



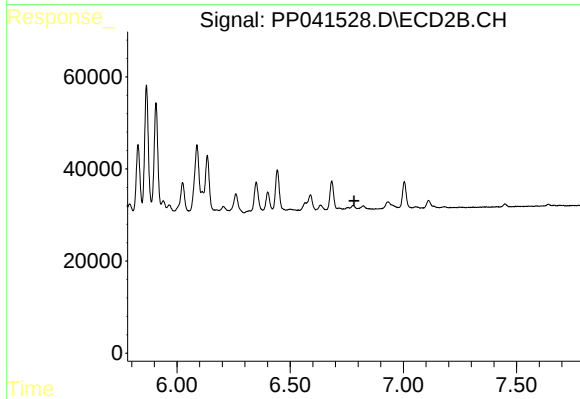
#31 AR-1260-1

R.T.: 6.590 min  
Delta R.T.: 0.007 min  
Response: 58585  
Conc: 51.15 ng/ml



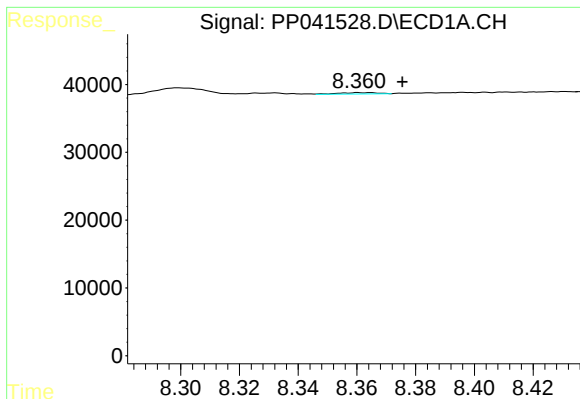
#32 AR-1260-2

R.T.: 7.992 min  
Delta R.T.: -0.019 min  
Response: 38196  
Conc: 30.40 ng/ml



#32 AR-1260-2

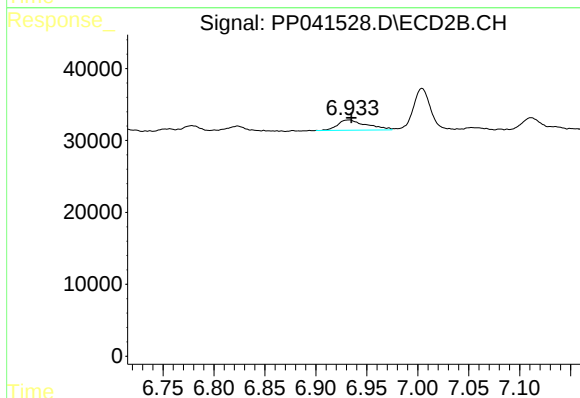
R.T.: 0.000 min  
Exp R.T. : 6.782 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

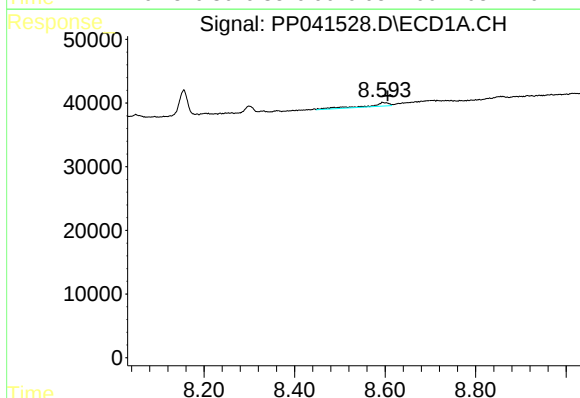
R.T.: 8.364 min  
Delta R.T.: -0.011 min  
Response: 1804  
Conc: 1.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



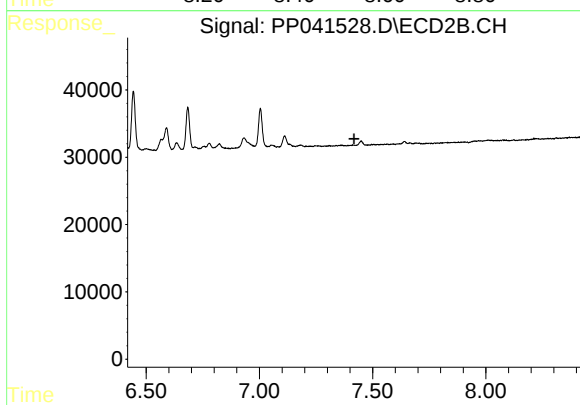
#33 AR-1260-3

R.T.: 6.932 min  
Delta R.T.: -0.002 min  
Response: 28055  
Conc: 20.97 ng/ml



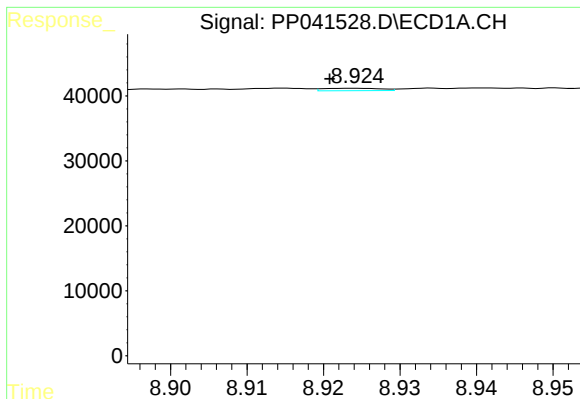
#34 AR-1260-4

R.T.: 8.594 min  
Delta R.T.: -0.011 min  
Response: 19218  
Conc: 17.96 ng/ml



#34 AR-1260-4

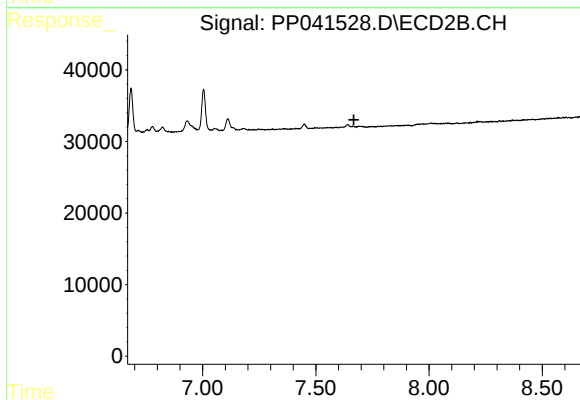
R.T.: 0.000 min  
Exp R.T.: 7.418 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

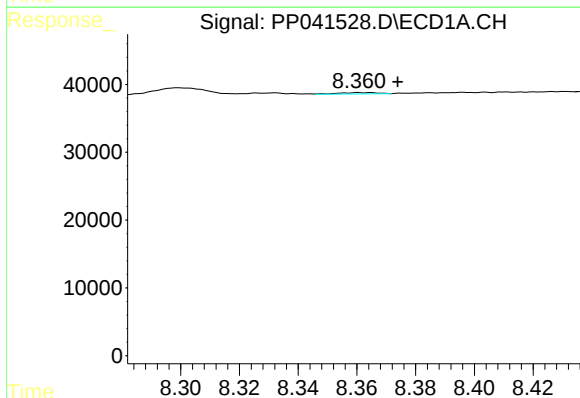
R.T.: 8.924 min  
Delta R.T.: 0.003 min  
Response: 1939  
Conc: 0.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



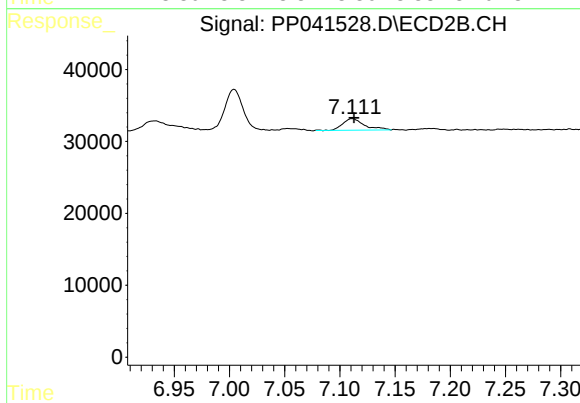
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.668 min  
Response: 0  
Conc: N.D.



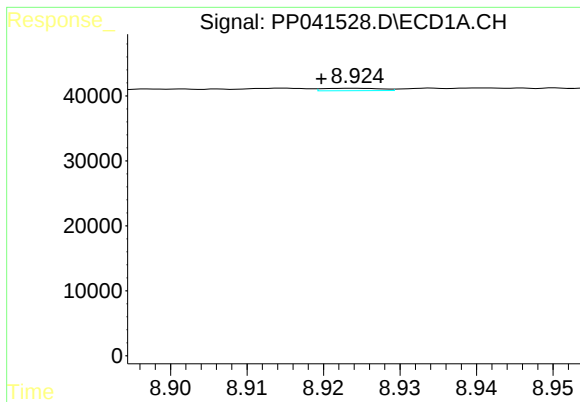
#36 AR-1262-1

R.T.: 8.364 min  
Delta R.T.: -0.010 min  
Response: 1804  
Conc: 1.42 ng/ml



#36 AR-1262-1

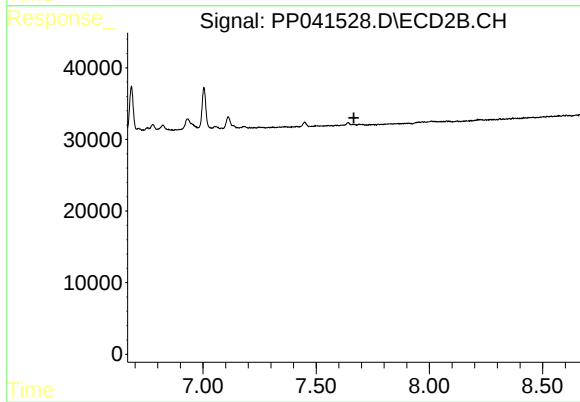
R.T.: 7.111 min  
Delta R.T.: -0.002 min  
Response: 21980  
Conc: 29.41 ng/ml



#37 AR-1262-2

R.T.: 8.924 min  
Delta R.T.: 0.004 min  
Response: 1939  
Conc: 0.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.666 min  
Response: 0  
Conc: N.D.