

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP122421\  
 Data File : PP042190.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Dec 2021 13:27  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 25 04:16:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP122321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 24 23:47:53 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... | 4.923  | 4.061 | 601547 | 1090439 | 45.815  | 47.744   |
| 2)                          | SA Decachlor... | 10.918 | 9.414 | 652540 | 839878  | 53.574  | 51.935   |
| Target Compounds            |                 |        |       |        |         |         |          |
| 3)                          | L1 AR-1016-1    | 6.231  | 5.331 | 145486 | 315390  | 327.303 | 344.054  |
| 4)                          | L1 AR-1016-2    | 6.255  | 5.351 | 217050 | 429074  | 328.133 | 340.537  |
| 5)                          | L1 AR-1016-3    | 6.322  | 5.545 | 136581 | 245150  | 334.848 | 349.072  |
| 6)                          | L1 AR-1016-4    | 6.427  | 5.596 | 114748 | 188809  | 352.228 | 347.693  |
| 7)                          | L1 AR-1016-5    | 6.744  | 5.828 | 117537 | 254105  | 342.476 | 389.727  |
| 8)                          | L2 AR-1221-1    | 5.160  | 4.322 | 20197  | 33425   | 127.462 | 129.061  |
| 9)                          | L2 AR-1221-2    | 5.265  | 4.423 | 25862  | 51308   | 229.371 | 241.705  |
| 10)                         | L2 AR-1221-3    | 5.350  | 4.513 | 90090  | 191530  | 257.535 | 275.372  |
| 11)                         | L3 AR-1232-1    | 5.350  | 4.513 | 90090  | 191530  | 311.883 | 327.596  |
| 12)                         | L3 AR-1232-2    | 5.938  | 5.351 | 116897 | 429074  | 788.544 | 806.351  |
| 13)                         | L3 AR-1232-3    | 6.255  | 5.545 | 217050 | 245150  | 829.585 | 856.484  |
| 14)                         | L3 AR-1232-4    | 6.427  | 5.641 | 114748 | 240583  | 875.482 | 997.435  |
| 15)                         | L3 AR-1232-5    | 6.529  | 5.828 | 95390  | 254105  | 924.410 | 1046.526 |
| 16)                         | L4 AR-1242-1    | 6.231  | 5.331 | 145486 | 315390  | 446.178 | 463.187  |
| 17)                         | L4 AR-1242-2    | 6.255  | 5.351 | 217050 | 429074  | 454.775 | 460.705  |
| 18)                         | L4 AR-1242-3    | 6.322  | 5.545 | 136581 | 245150  | 456.019 | 463.898  |
| 19)                         | L4 AR-1242-4    | 6.427  | 5.641 | 114748 | 240583  | 468.350 | 475.495  |
| 20)                         | L4 AR-1242-5    | 7.210  | 6.209 | 118977 | 273482  | 457.444 | 461.341  |
| 21)                         | L5 AR-1248-1    | 6.231  | 5.331 | 145486 | 315390  | 581.119 | 607.085  |
| 22)                         | L5 AR-1248-2    | 6.529  | 5.596 | 95390  | 188809  | 270.089 | 268.118  |
| 23)                         | L5 AR-1248-3    | 6.744  | 5.641 | 117537 | 240583  | 279.491 | 324.215  |
| 24)                         | L5 AR-1248-4    | 7.170  | 5.828 | 112216 | 254105  | 247.494 | 301.831  |
| 25)                         | L5 AR-1248-5    | 7.210  | 6.252 | 118977 | 219548  | 266.840 | 265.051  |
| 26)                         | L6 AR-1254-1    | 7.141  | 6.209 | 89208  | 273482  | 178.943 | 218.650  |
| 27)                         | L6 AR-1254-2    | 7.375  | 6.368 | 105087 | 72949   | 137.075 | 67.034 # |
| 28)                         | L6 AR-1254-3    | 7.752  | 6.793 | 44655  | 95748   | 57.875  | 57.633   |
| 29)                         | L6 AR-1254-4    | 8.048  | 7.032 | 32269  | 65861   | 57.997  | 67.513   |
| 30)                         | L6 AR-1254-5    | 8.478  | 7.464 | 7871   | 21214   | 12.570  | 16.555 # |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.943 | 0      | 36121   | N.D.    | 33.989 # |
| 32)                         | L7 AR-1260-2    | 8.187  | 7.126 | 17098  | 18921   | 22.145  | 15.327 # |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.283 | 0      | 16607   | N.D.    | 12.393 # |
| 34)                         | L7 AR-1260-4    | 8.779  | 0.000 | 9307   | 0       | 16.074  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.464 | 0      | 21214   | N.D.    | 31.884 # |
| 43)                         | L9 AR-1268-3    | 9.737  | 0.000 | 7654   | 0       | 5.947   | N.D. #   |
| -----                       |                 |        |       |        |         |         |          |

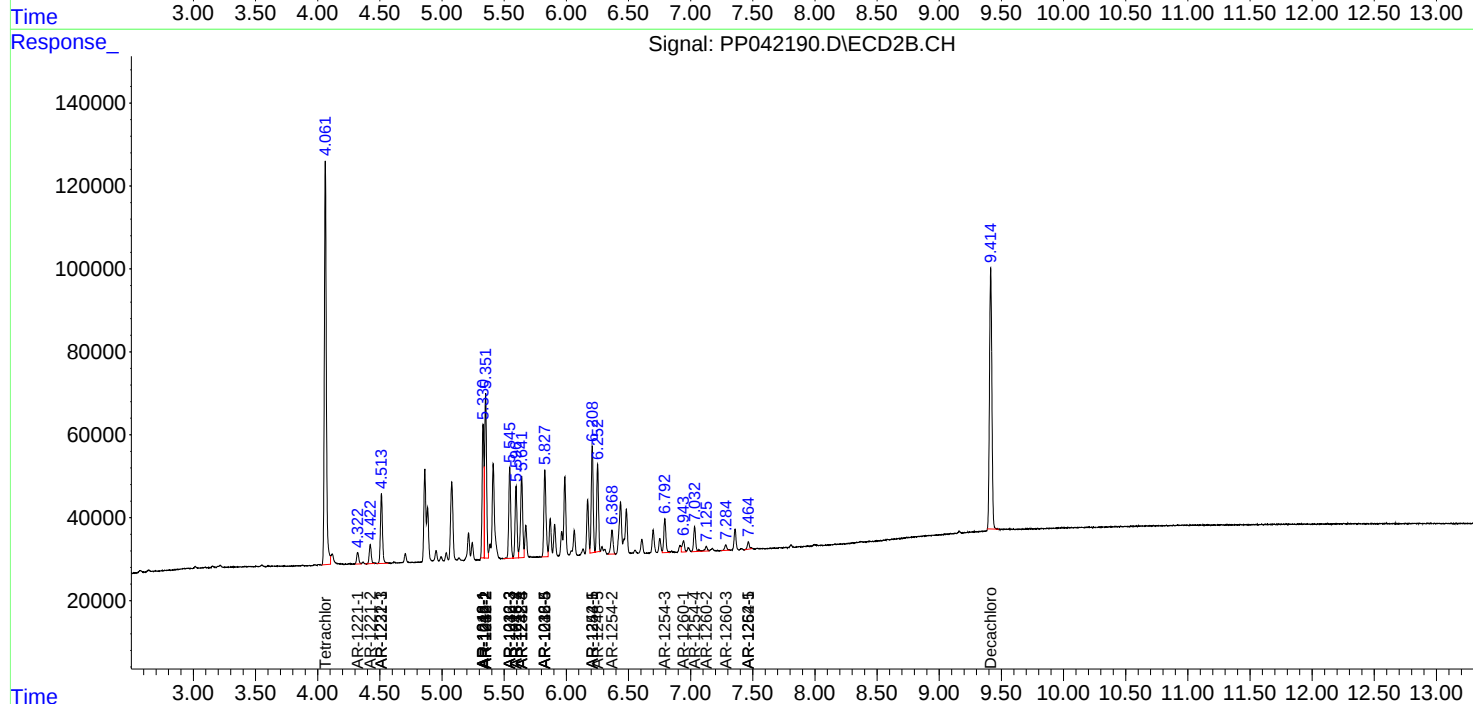
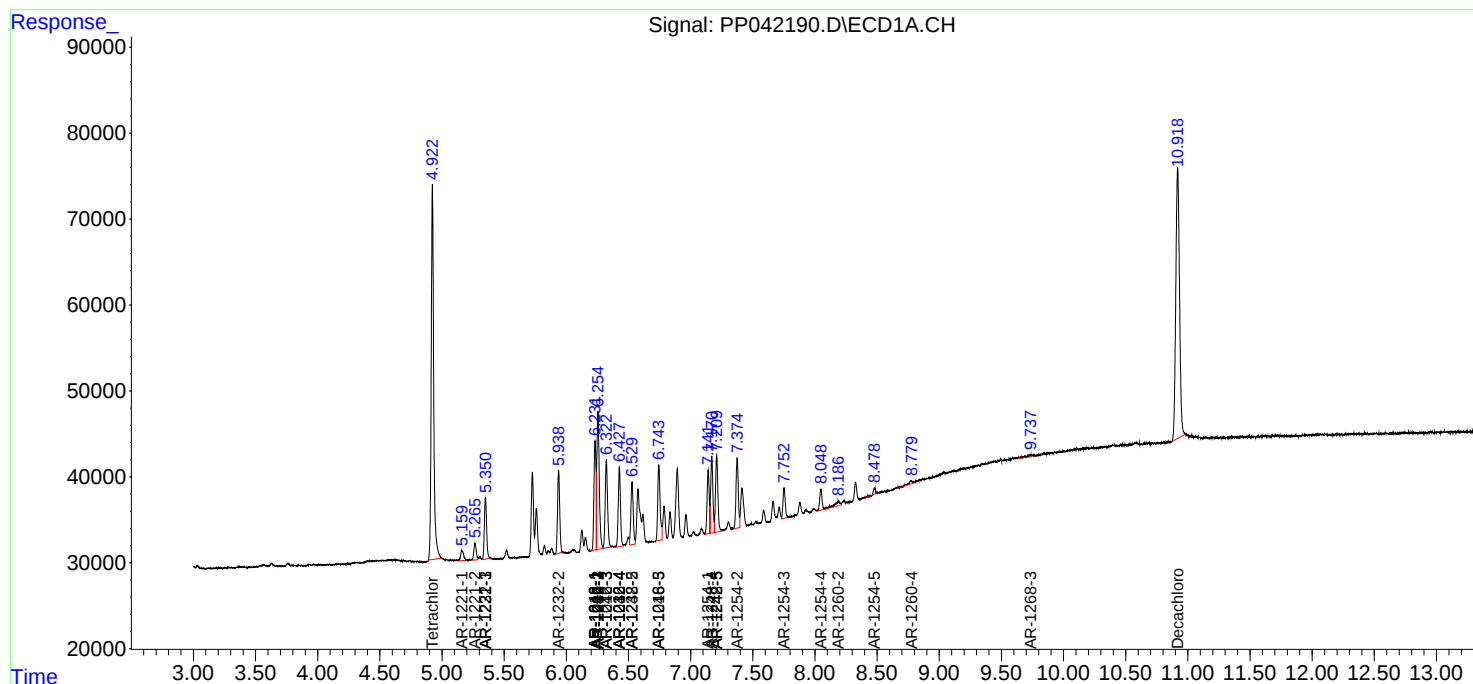
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

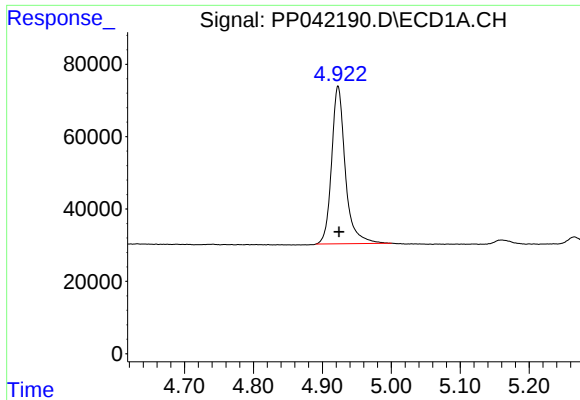
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP122421\  
Data File : PP042190.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 24 Dec 2021 13:27  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 25 04:16:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP122321.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 24 23:47:53 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

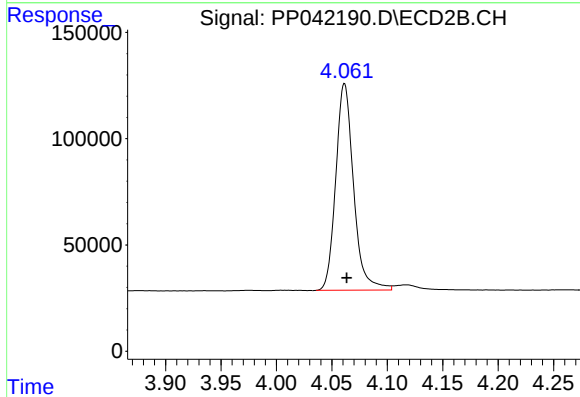




#1 Tetrachloro-m-xylene

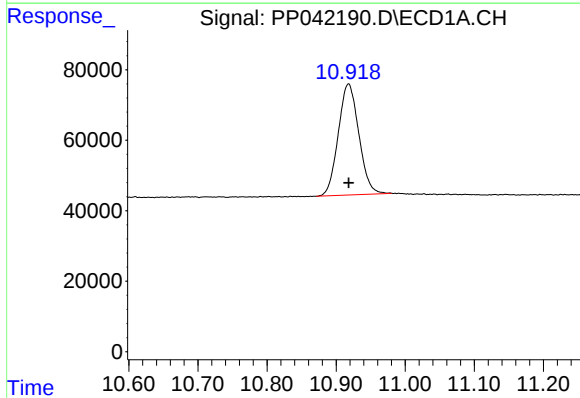
R.T.: 4.923 min  
Delta R.T.: -0.001 min  
Response: 601547  
Conc: 45.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



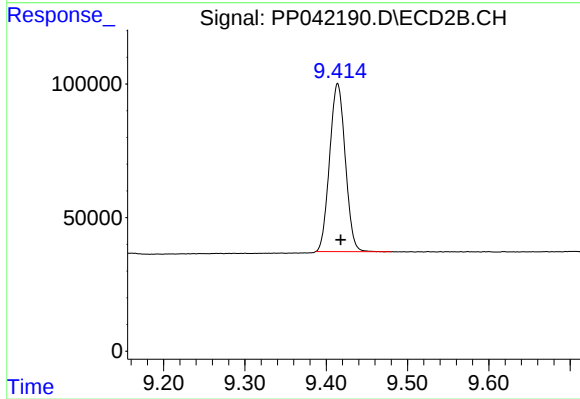
#1 Tetrachloro-m-xylene

R.T.: 4.061 min  
Delta R.T.: -0.002 min  
Response: 1090439  
Conc: 47.74 ng/ml



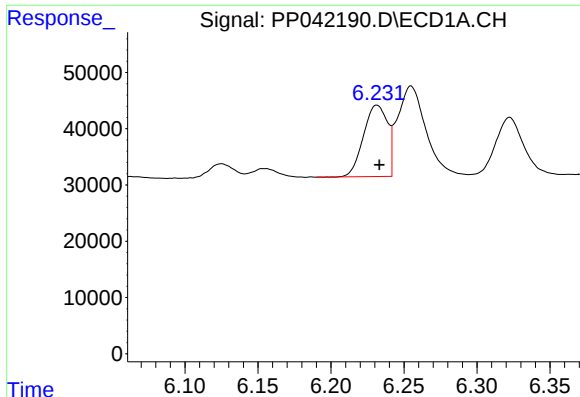
#2 Decachlorobiphenyl

R.T.: 10.918 min  
Delta R.T.: 0.000 min  
Response: 652540  
Conc: 53.57 ng/ml



#2 Decachlorobiphenyl

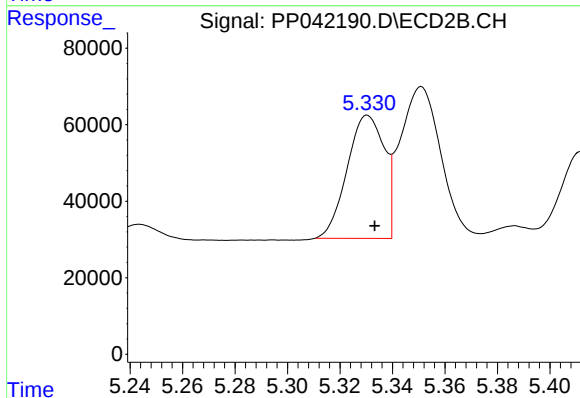
R.T.: 9.414 min  
Delta R.T.: -0.004 min  
Response: 839878  
Conc: 51.94 ng/ml



#3 AR-1016-1

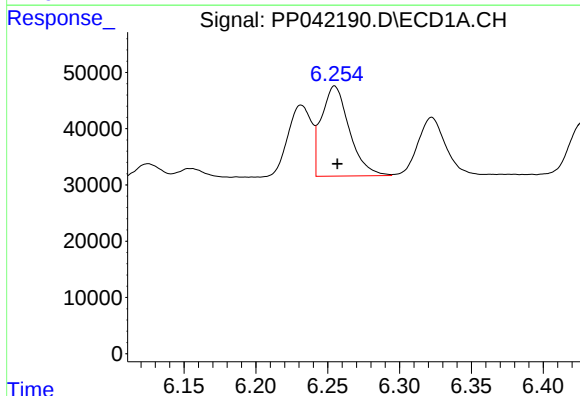
R.T.: 6.231 min  
Delta R.T.: -0.002 min  
Response: 145486  
Conc: 327.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



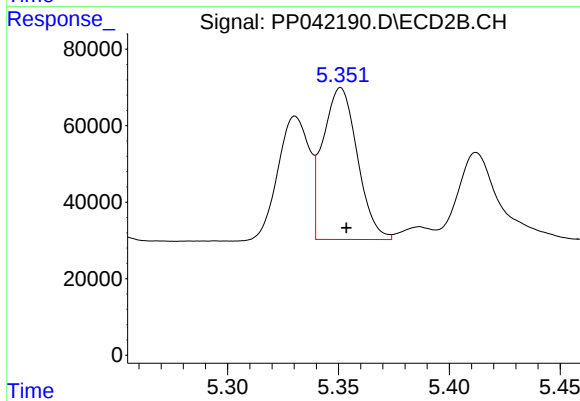
#3 AR-1016-1

R.T.: 5.331 min  
Delta R.T.: -0.003 min  
Response: 315390  
Conc: 344.05 ng/ml



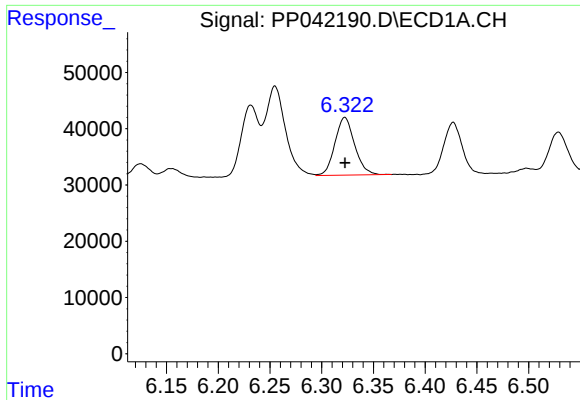
#4 AR-1016-2

R.T.: 6.255 min  
Delta R.T.: -0.002 min  
Response: 217050  
Conc: 328.13 ng/ml



#4 AR-1016-2

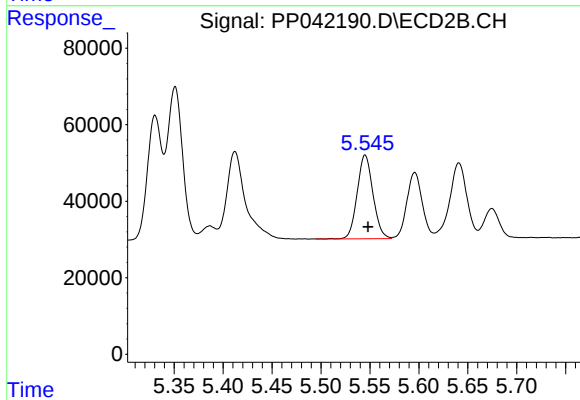
R.T.: 5.351 min  
Delta R.T.: -0.003 min  
Response: 429074  
Conc: 340.54 ng/ml



#5 AR-1016-3

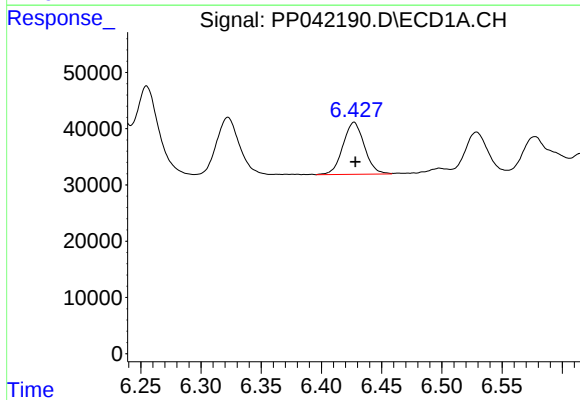
R.T.: 6.322 min  
Delta R.T.: 0.000 min  
Response: 136581  
Conc: 334.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



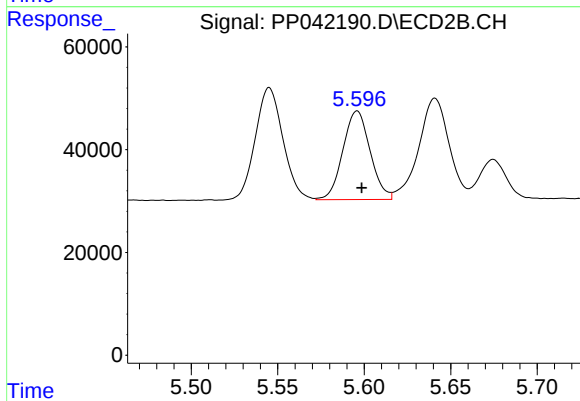
#5 AR-1016-3

R.T.: 5.545 min  
Delta R.T.: -0.003 min  
Response: 245150  
Conc: 349.07 ng/ml



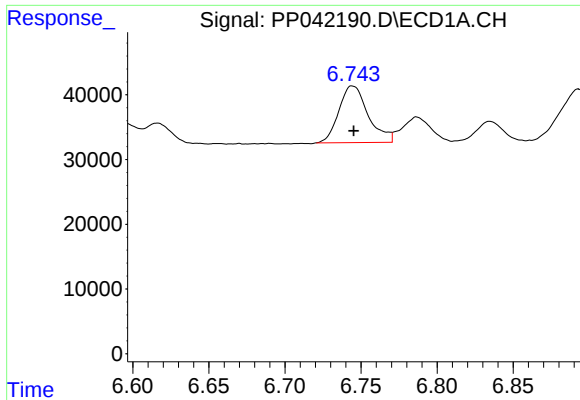
#6 AR-1016-4

R.T.: 6.427 min  
Delta R.T.: -0.001 min  
Response: 114748  
Conc: 352.23 ng/ml



#6 AR-1016-4

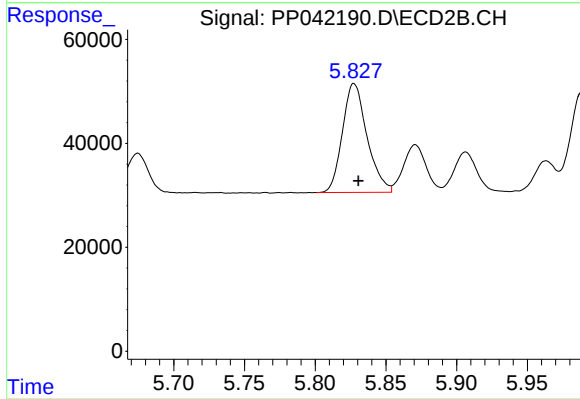
R.T.: 5.596 min  
Delta R.T.: -0.003 min  
Response: 188809  
Conc: 347.69 ng/ml



#7 AR-1016-5

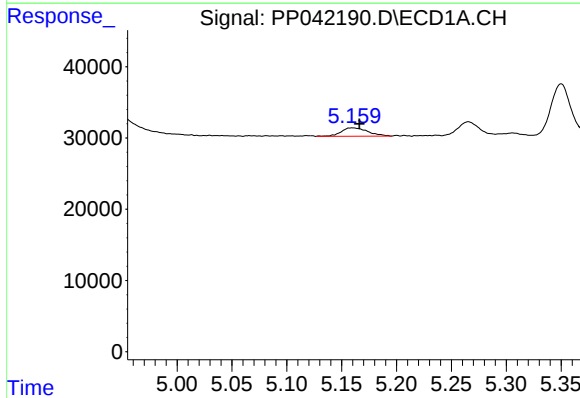
R.T.: 6.744 min  
Delta R.T.: -0.001 min  
Response: 117537  
Conc: 342.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



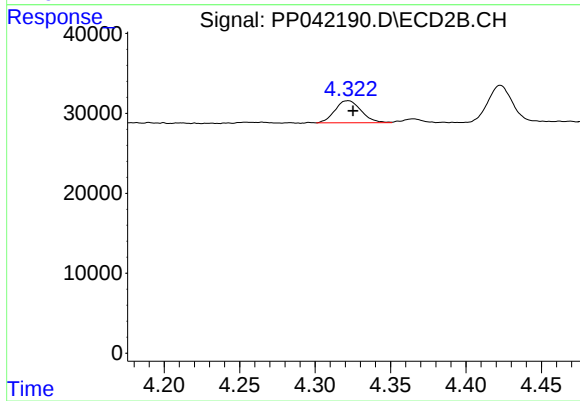
#7 AR-1016-5

R.T.: 5.828 min  
Delta R.T.: -0.003 min  
Response: 254105  
Conc: 389.73 ng/ml



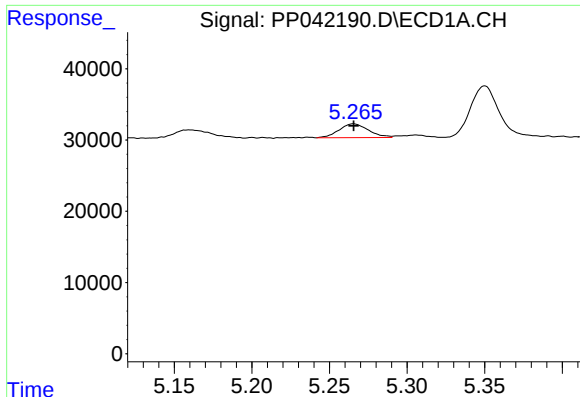
#8 AR-1221-1

R.T.: 5.160 min  
Delta R.T.: -0.006 min  
Response: 20197  
Conc: 127.46 ng/ml



#8 AR-1221-1

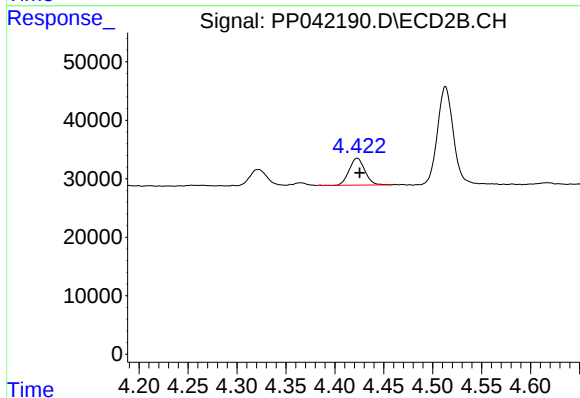
R.T.: 4.322 min  
Delta R.T.: -0.003 min  
Response: 33425  
Conc: 129.06 ng/ml



#9 AR-1221-2

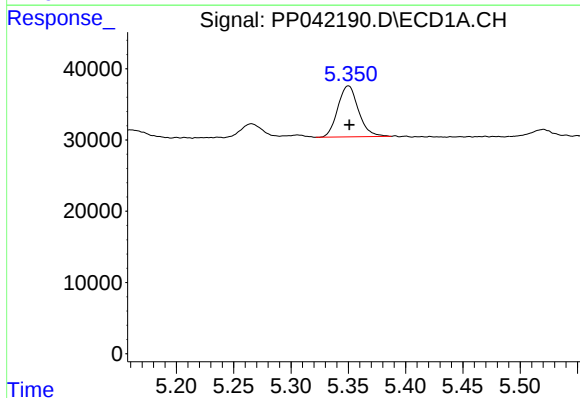
R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 25862  
Conc: 229.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



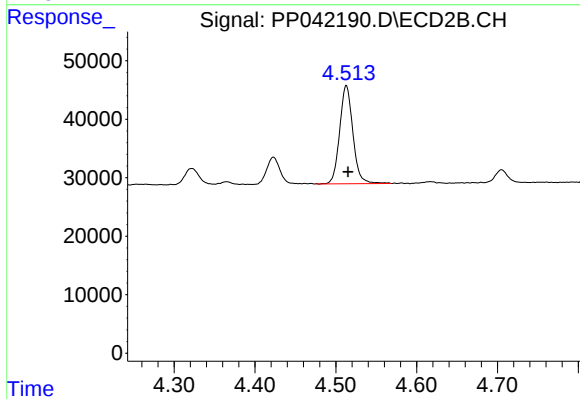
#9 AR-1221-2

R.T.: 4.423 min  
Delta R.T.: -0.003 min  
Response: 51308  
Conc: 241.70 ng/ml



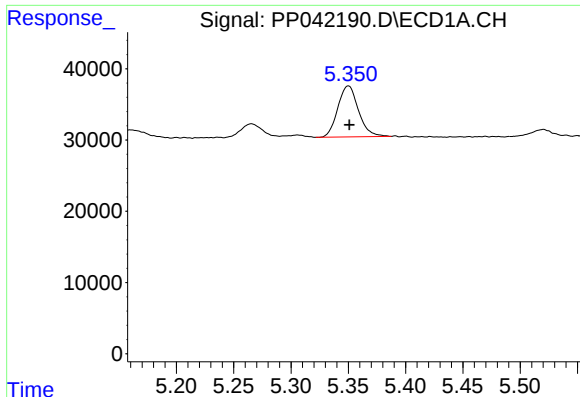
#10 AR-1221-3

R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 90090  
Conc: 257.53 ng/ml



#10 AR-1221-3

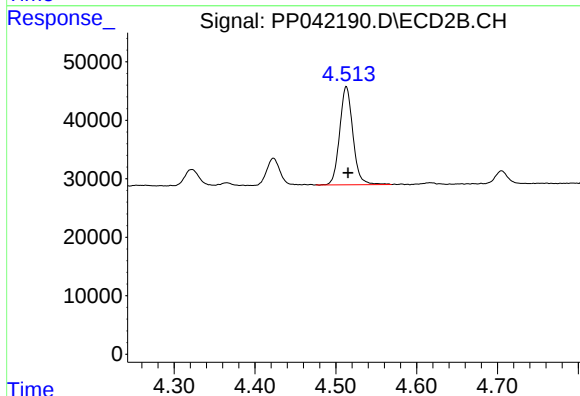
R.T.: 4.513 min  
Delta R.T.: -0.002 min  
Response: 191530  
Conc: 275.37 ng/ml



#11 AR-1232-1

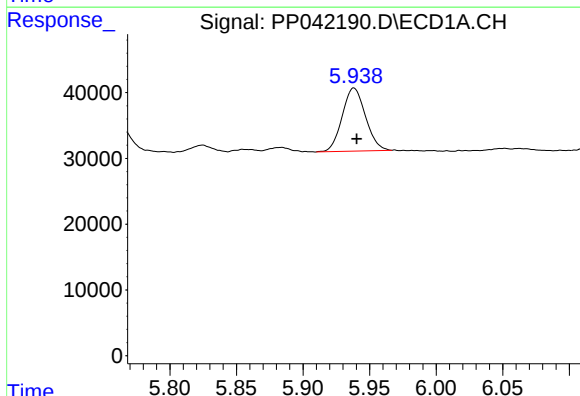
R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 90090  
Conc: 311.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



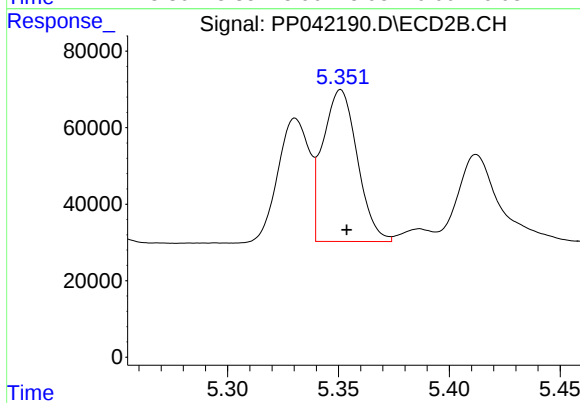
#11 AR-1232-1

R.T.: 4.513 min  
Delta R.T.: -0.002 min  
Response: 191530  
Conc: 327.60 ng/ml



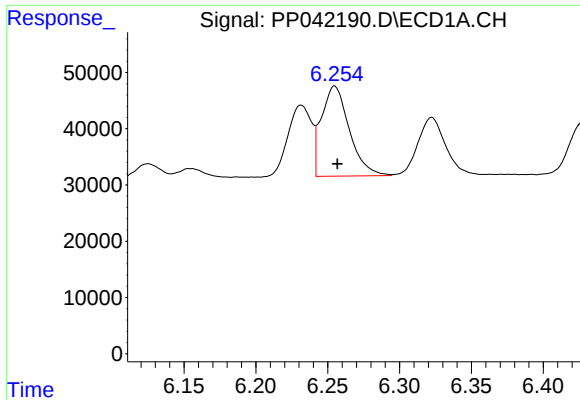
#12 AR-1232-2

R.T.: 5.938 min  
Delta R.T.: -0.002 min  
Response: 116897  
Conc: 788.54 ng/ml



#12 AR-1232-2

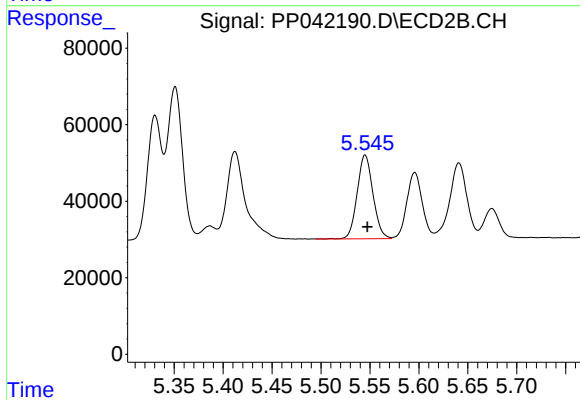
R.T.: 5.351 min  
Delta R.T.: -0.003 min  
Response: 429074  
Conc: 806.35 ng/ml



#13 AR-1232-3

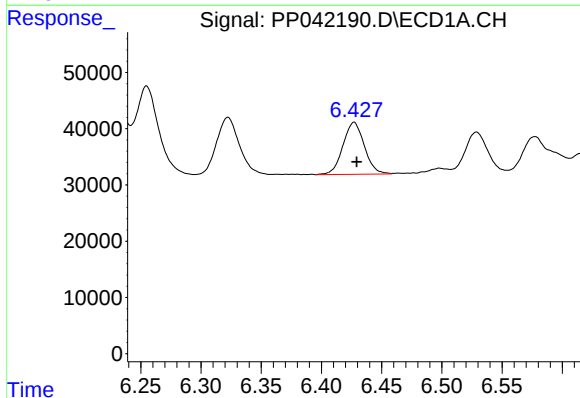
R.T.: 6.255 min  
Delta R.T.: -0.002 min  
Response: 217050  
Conc: 829.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



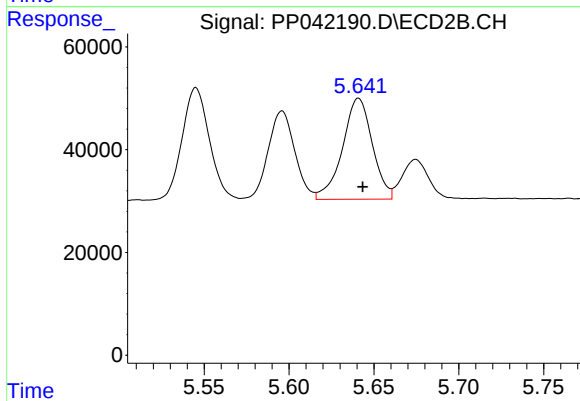
#13 AR-1232-3

R.T.: 5.545 min  
Delta R.T.: -0.002 min  
Response: 245150  
Conc: 856.48 ng/ml



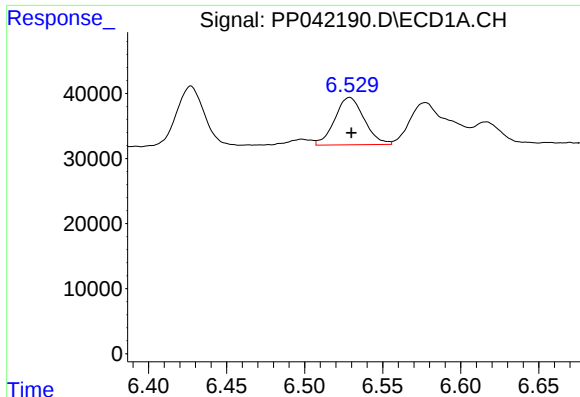
#14 AR-1232-4

R.T.: 6.427 min  
Delta R.T.: -0.002 min  
Response: 114748  
Conc: 875.48 ng/ml



#14 AR-1232-4

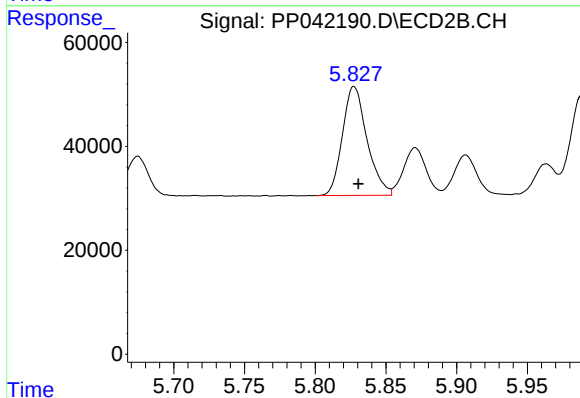
R.T.: 5.641 min  
Delta R.T.: -0.002 min  
Response: 240583  
Conc: 997.43 ng/ml



#15 AR-1232-5

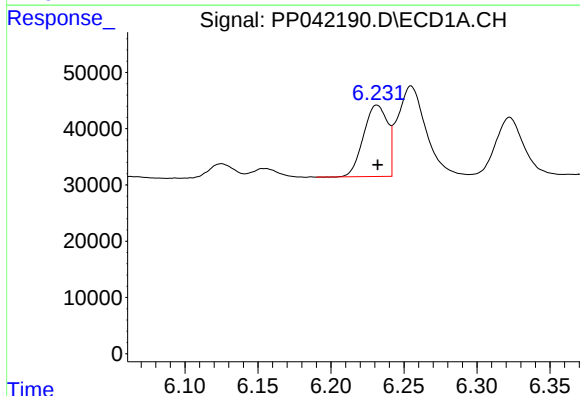
R.T.: 6.529 min  
Delta R.T.: -0.001 min  
Response: 95390  
Conc: 924.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



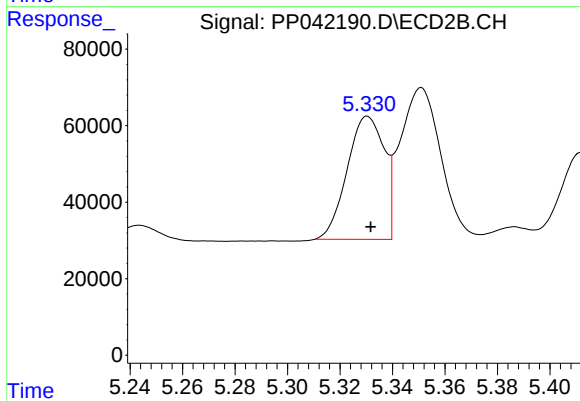
#15 AR-1232-5

R.T.: 5.828 min  
Delta R.T.: -0.003 min  
Response: 254105  
Conc: 1046.53 ng/ml



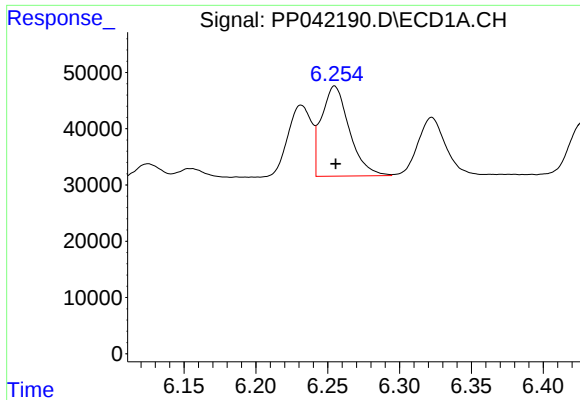
#16 AR-1242-1

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 145486  
Conc: 446.18 ng/ml



#16 AR-1242-1

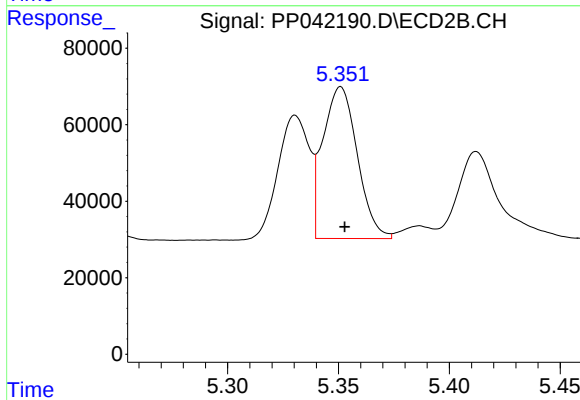
R.T.: 5.331 min  
Delta R.T.: -0.001 min  
Response: 315390  
Conc: 463.19 ng/ml



#17 AR-1242-2

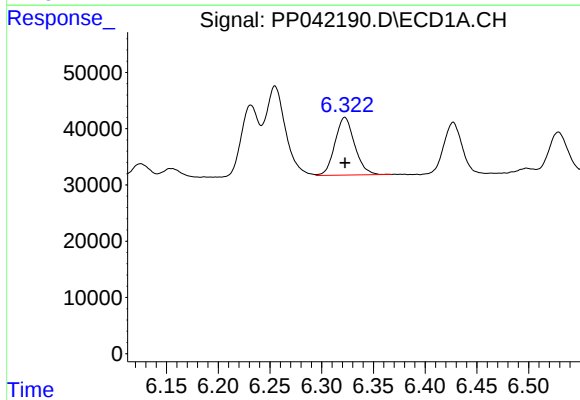
R.T.: 6.255 min  
Delta R.T.: 0.000 min  
Response: 217050  
Conc: 454.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



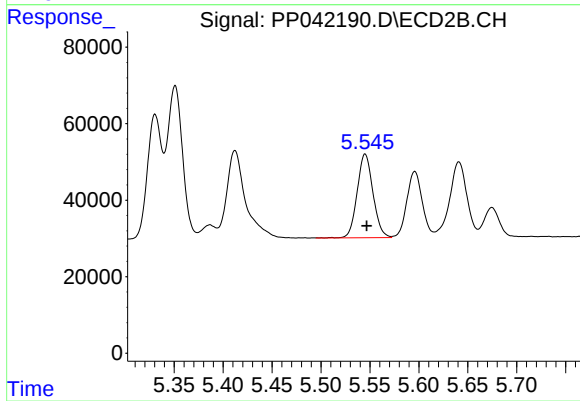
#17 AR-1242-2

R.T.: 5.351 min  
Delta R.T.: -0.002 min  
Response: 429074  
Conc: 460.70 ng/ml



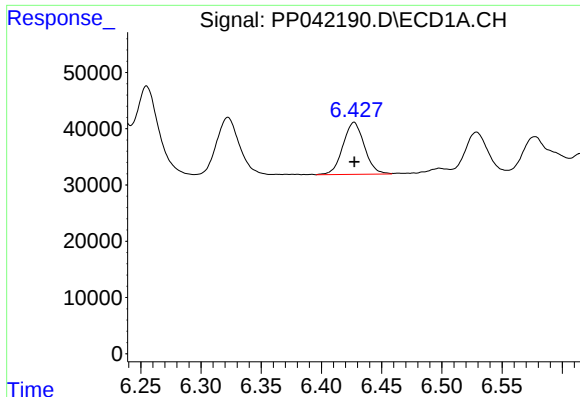
#18 AR-1242-3

R.T.: 6.322 min  
Delta R.T.: 0.000 min  
Response: 136581  
Conc: 456.02 ng/ml



#18 AR-1242-3

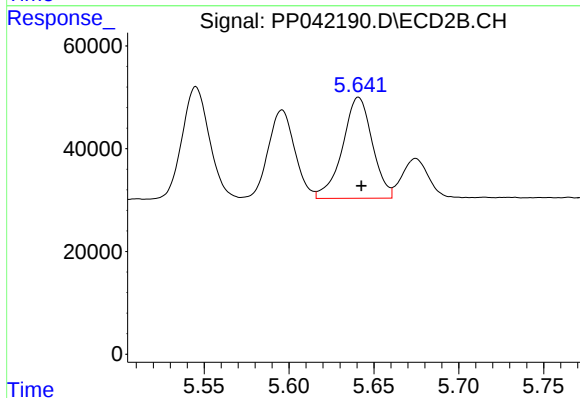
R.T.: 5.545 min  
Delta R.T.: -0.002 min  
Response: 245150  
Conc: 463.90 ng/ml



#19 AR-1242-4

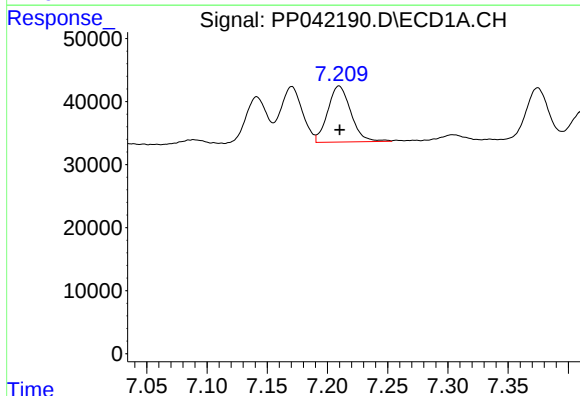
R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 114748  
Conc: 468.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



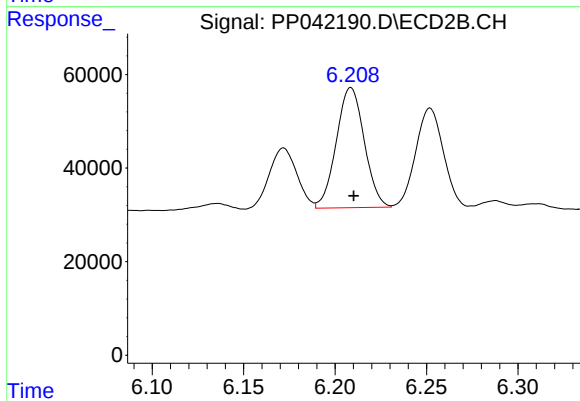
#19 AR-1242-4

R.T.: 5.641 min  
Delta R.T.: -0.002 min  
Response: 240583  
Conc: 475.50 ng/ml



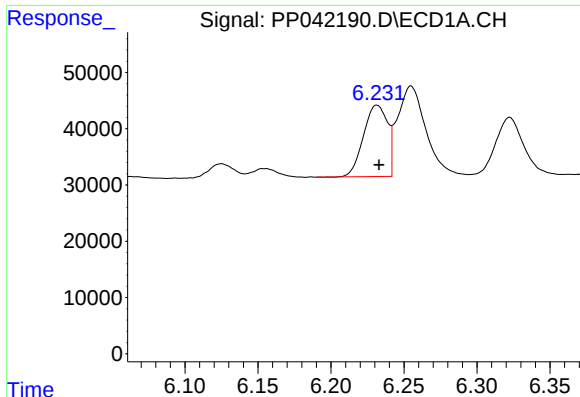
#20 AR-1242-5

R.T.: 7.210 min  
Delta R.T.: 0.000 min  
Response: 118977  
Conc: 457.44 ng/ml



#20 AR-1242-5

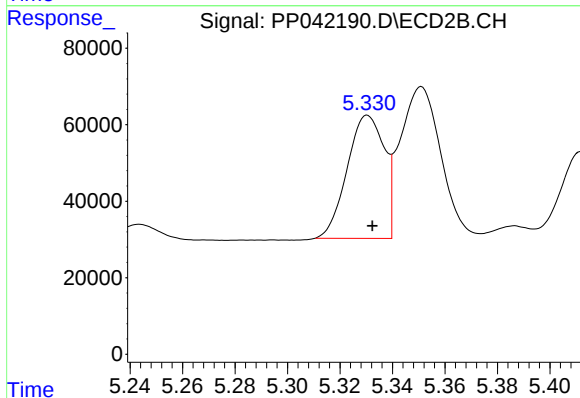
R.T.: 6.209 min  
Delta R.T.: -0.002 min  
Response: 273482  
Conc: 461.34 ng/ml



#21 AR-1248-1

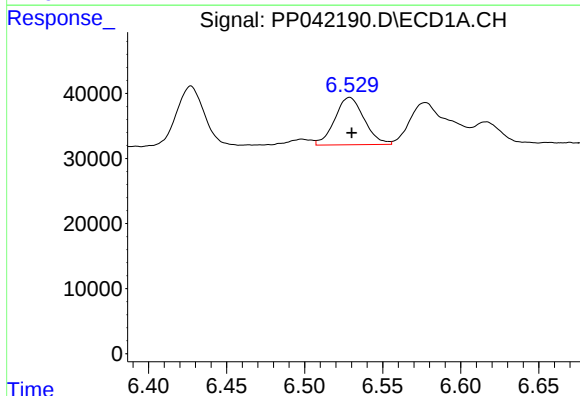
R.T.: 6.231 min  
Delta R.T.: -0.002 min  
Response: 145486  
Conc: 581.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



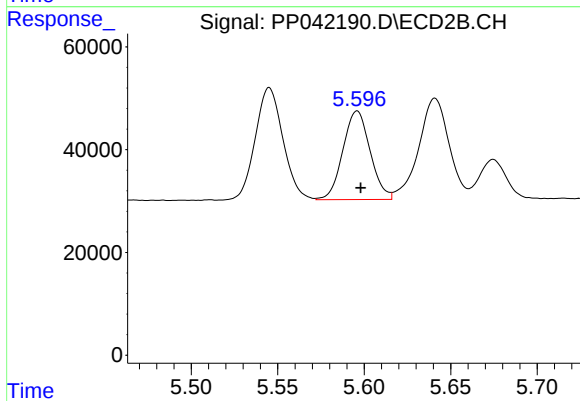
#21 AR-1248-1

R.T.: 5.331 min  
Delta R.T.: -0.002 min  
Response: 315390  
Conc: 607.08 ng/ml



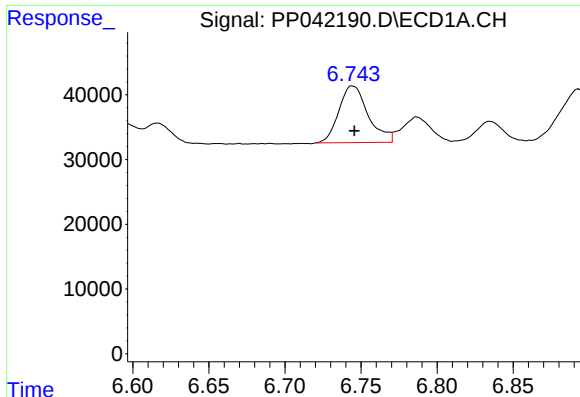
#22 AR-1248-2

R.T.: 6.529 min  
Delta R.T.: -0.001 min  
Response: 95390  
Conc: 270.09 ng/ml



#22 AR-1248-2

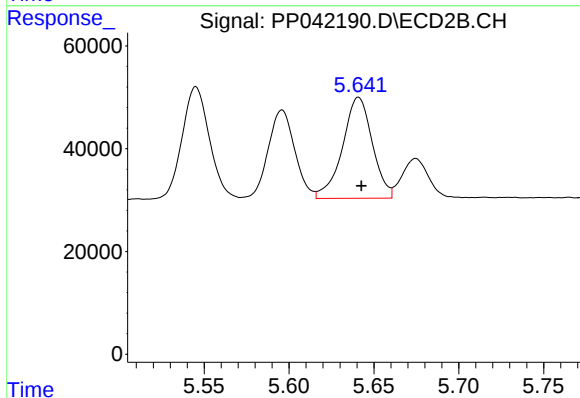
R.T.: 5.596 min  
Delta R.T.: -0.002 min  
Response: 188809  
Conc: 268.12 ng/ml



#23 AR-1248-3

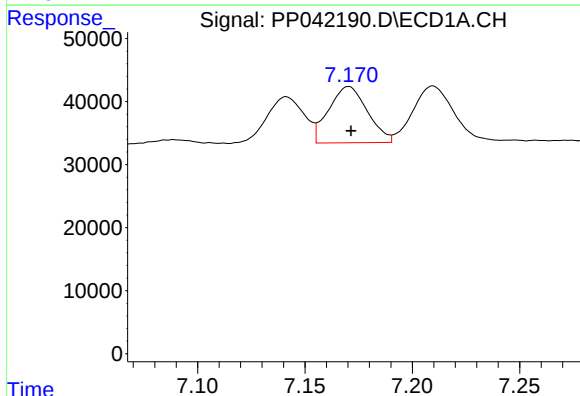
R.T.: 6.744 min  
Delta R.T.: -0.002 min  
Response: 117537  
Conc: 279.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



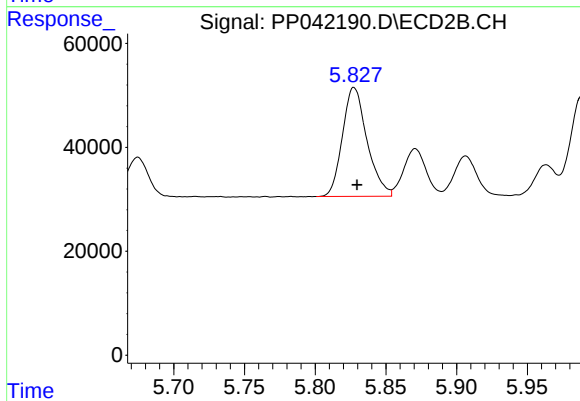
#23 AR-1248-3

R.T.: 5.641 min  
Delta R.T.: -0.002 min  
Response: 240583  
Conc: 324.21 ng/ml



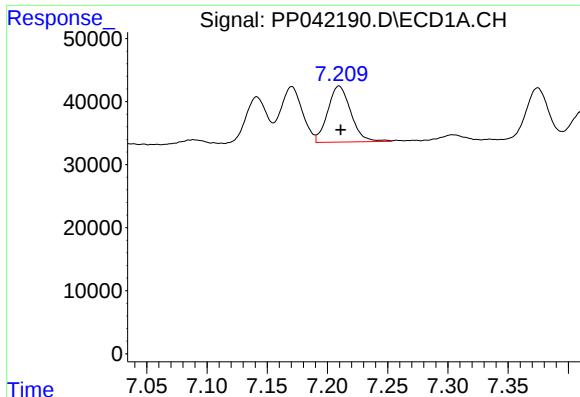
#24 AR-1248-4

R.T.: 7.170 min  
Delta R.T.: -0.001 min  
Response: 112216  
Conc: 247.49 ng/ml



#24 AR-1248-4

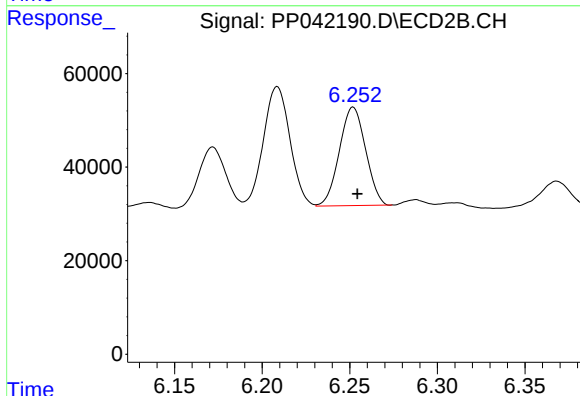
R.T.: 5.828 min  
Delta R.T.: -0.002 min  
Response: 254105  
Conc: 301.83 ng/ml



#25 AR-1248-5

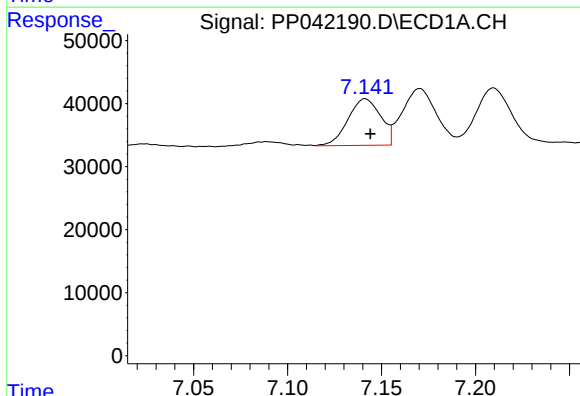
R.T.: 7.210 min  
Delta R.T.: -0.001 min  
Response: 118977  
Conc: 266.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



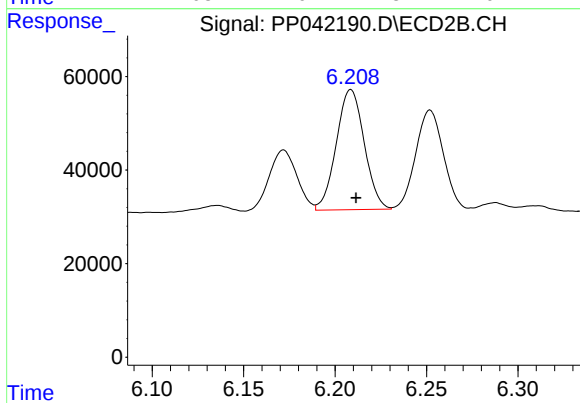
#25 AR-1248-5

R.T.: 6.252 min  
Delta R.T.: -0.002 min  
Response: 219548  
Conc: 265.05 ng/ml



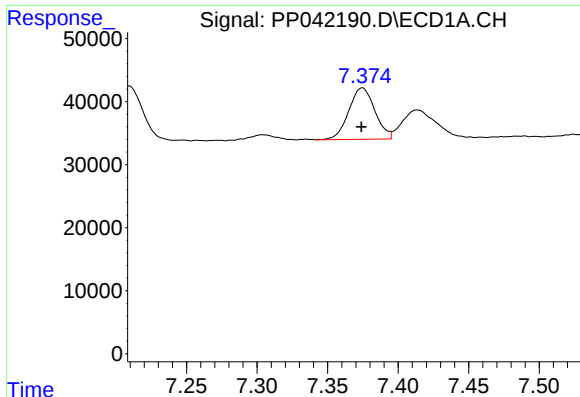
#26 AR-1254-1

R.T.: 7.141 min  
Delta R.T.: -0.003 min  
Response: 89208  
Conc: 178.94 ng/ml



#26 AR-1254-1

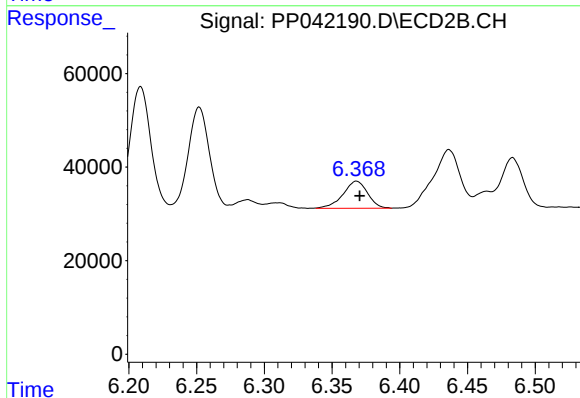
R.T.: 6.209 min  
Delta R.T.: -0.003 min  
Response: 273482  
Conc: 218.65 ng/ml



#27 AR-1254-2

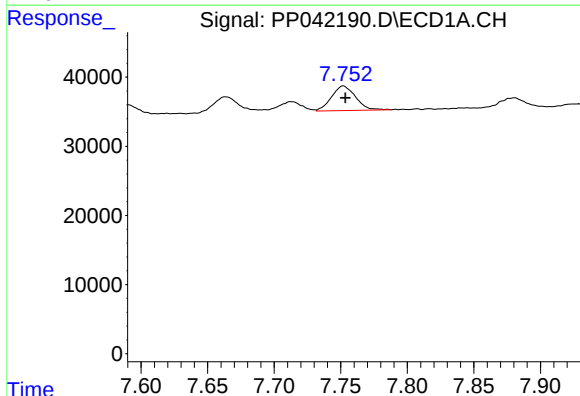
R.T.: 7.375 min  
Delta R.T.: 0.000 min  
Response: 105087  
Conc: 137.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



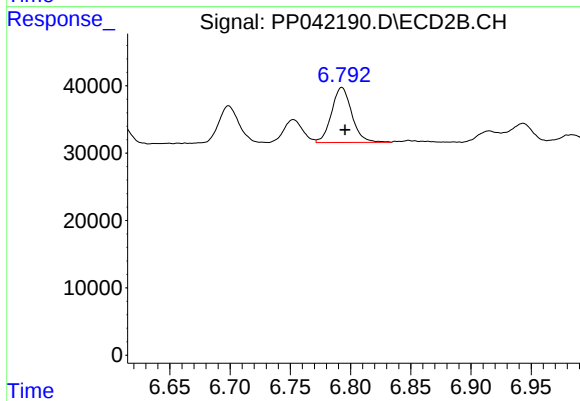
#27 AR-1254-2

R.T.: 6.368 min  
Delta R.T.: -0.002 min  
Response: 72949  
Conc: 67.03 ng/ml



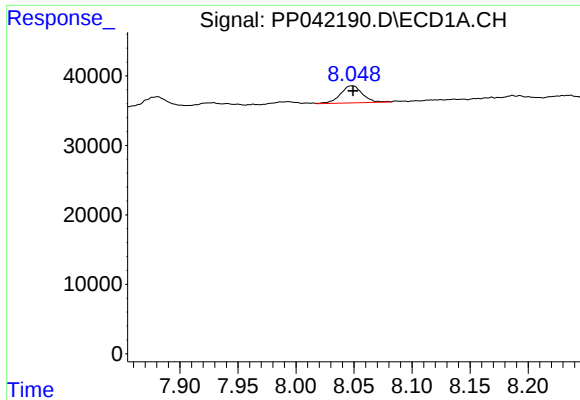
#28 AR-1254-3

R.T.: 7.752 min  
Delta R.T.: -0.001 min  
Response: 44655  
Conc: 57.88 ng/ml



#28 AR-1254-3

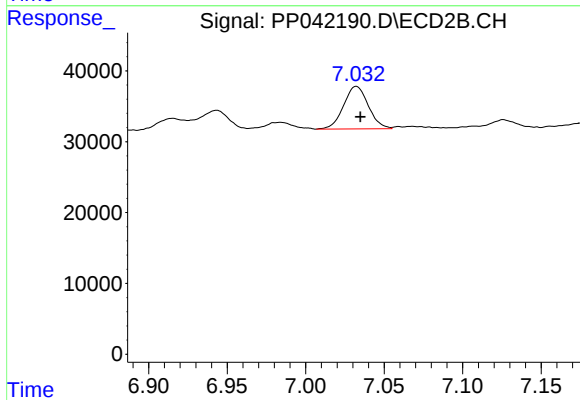
R.T.: 6.793 min  
Delta R.T.: -0.003 min  
Response: 95748  
Conc: 57.63 ng/ml



#29 AR-1254-4

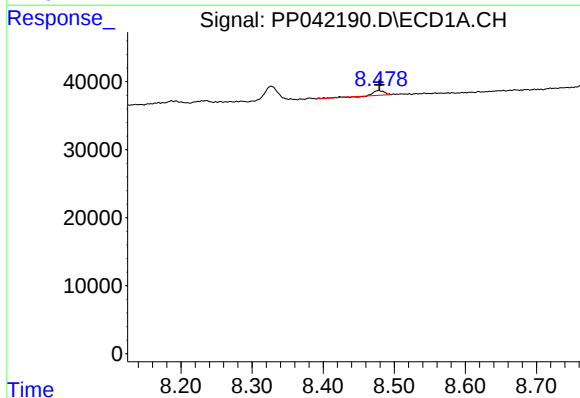
R.T.: 8.048 min  
Delta R.T.: 0.000 min  
Response: 32269  
Conc: 58.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



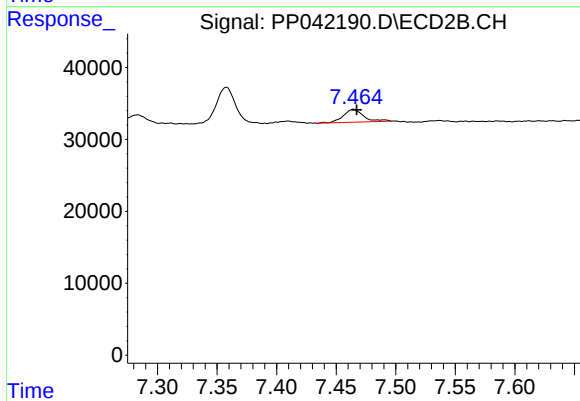
#29 AR-1254-4

R.T.: 7.032 min  
Delta R.T.: -0.003 min  
Response: 65861  
Conc: 67.51 ng/ml



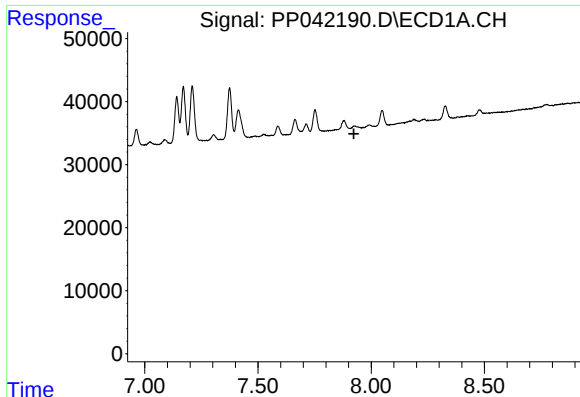
#30 AR-1254-5

R.T.: 8.478 min  
Delta R.T.: -0.001 min  
Response: 7871  
Conc: 12.57 ng/ml



#30 AR-1254-5

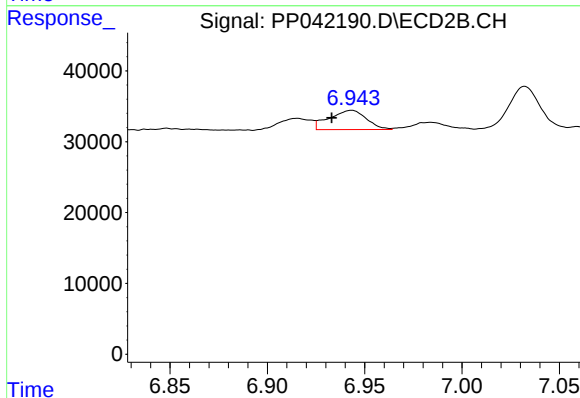
R.T.: 7.464 min  
Delta R.T.: -0.003 min  
Response: 21214  
Conc: 16.55 ng/ml



#31 AR-1260-1

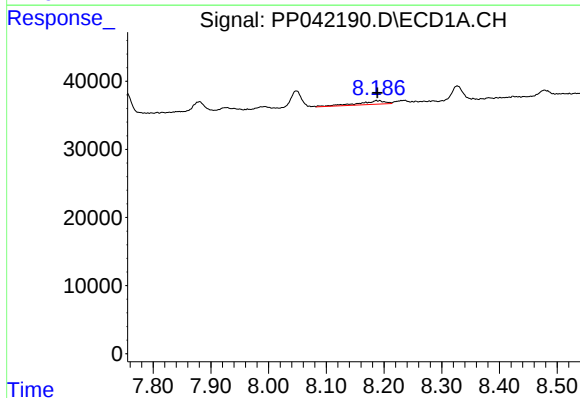
R.T.: 0.000 min  
Exp R.T.: 7.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



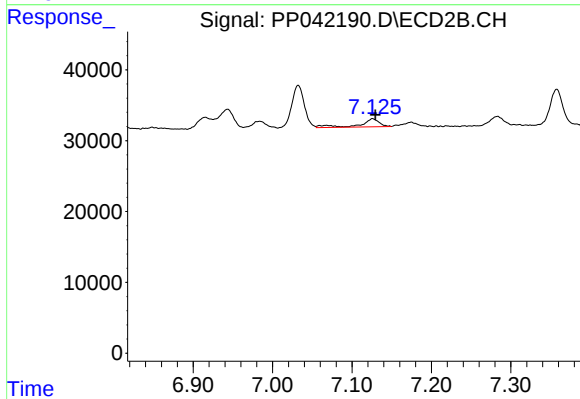
#31 AR-1260-1

R.T.: 6.943 min  
Delta R.T.: 0.010 min  
Response: 36121  
Conc: 33.99 ng/ml



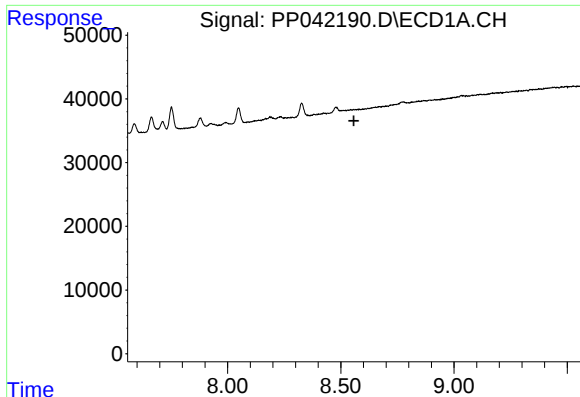
#32 AR-1260-2

R.T.: 8.187 min  
Delta R.T.: -0.002 min  
Response: 17098  
Conc: 22.14 ng/ml



#32 AR-1260-2

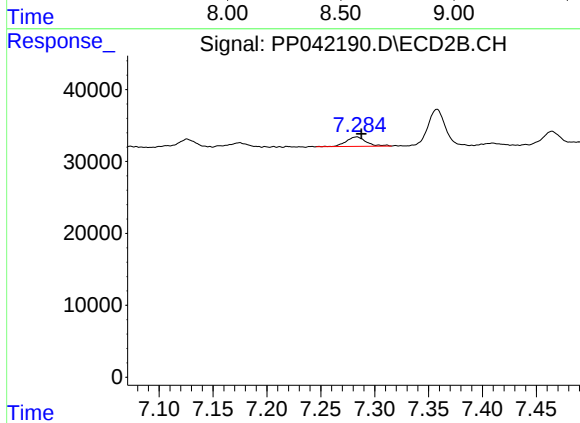
R.T.: 7.126 min  
Delta R.T.: -0.004 min  
Response: 18921  
Conc: 15.33 ng/ml



#33 AR-1260-3

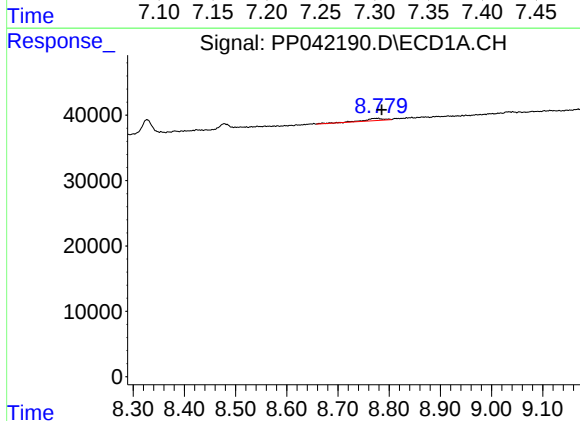
R.T.: 0.000 min  
Exp R.T.: 8.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



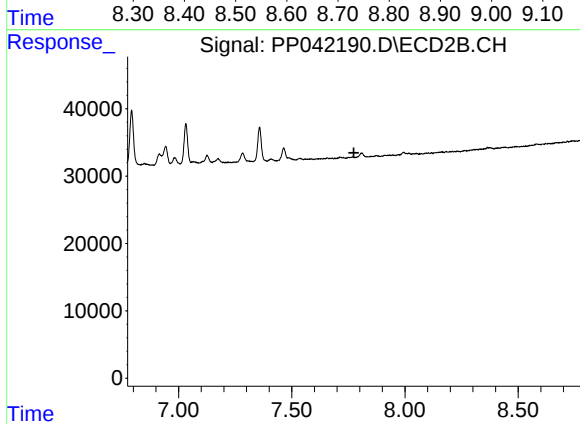
#33 AR-1260-3

R.T.: 7.283 min  
Delta R.T.: -0.004 min  
Response: 16607  
Conc: 12.39 ng/ml



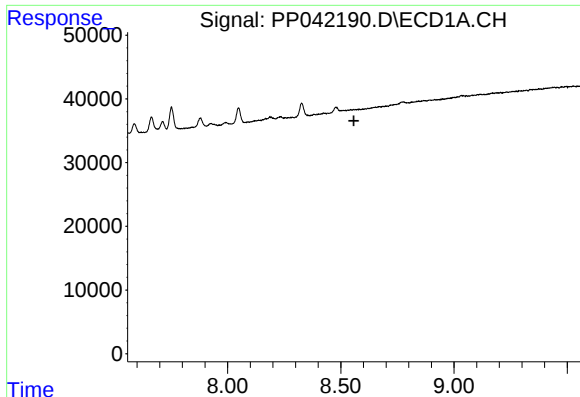
#34 AR-1260-4

R.T.: 8.779 min  
Delta R.T.: -0.007 min  
Response: 9307  
Conc: 16.07 ng/ml



#34 AR-1260-4

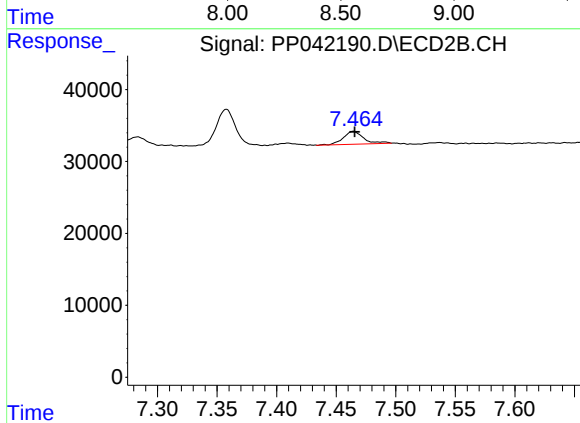
R.T.: 0.000 min  
Exp R.T.: 7.774 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

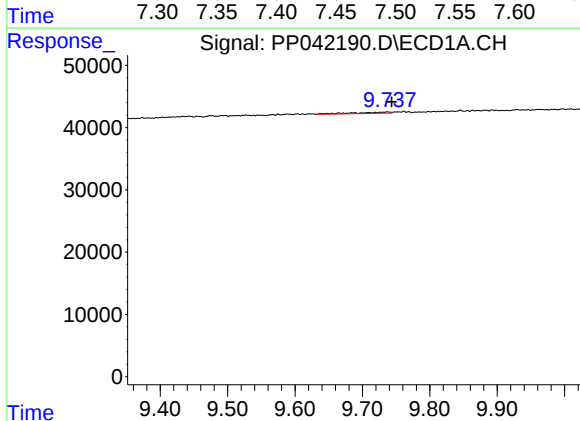
R.T.: 0.000 min  
Exp R.T.: 8.557 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



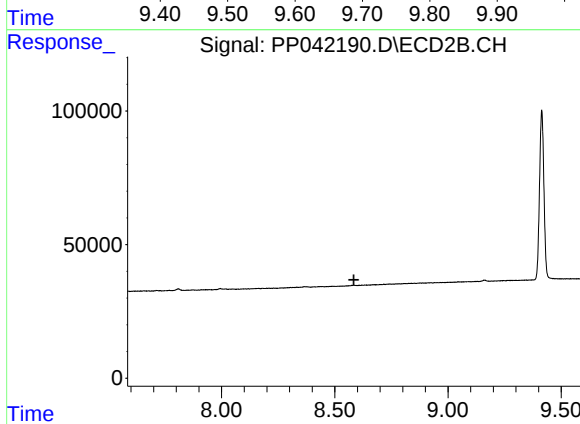
#36 AR-1262-1

R.T.: 7.464 min  
Delta R.T.: -0.001 min  
Response: 21214  
Conc: 31.88 ng/ml



#43 AR-1268-3

R.T.: 9.737 min  
Delta R.T.: -0.006 min  
Response: 7654  
Conc: 5.95 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.584 min  
Response: 0  
Conc: N.D.