

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092721\  
 Data File : PP039534.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Sep 2021 11:45  
 Operator : AJ\MA  
 Sample : M3819-02 20000X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 13:20:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Sep 25 01:28:12 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 |              |        |       |         |         |          |             |
| Target Compounds            |              |        |       |         |         |          |             |
| 3)                          | L1 AR-1016-1 | 6.233  | 5.264 | 38817   | 29559   | 36.203   | 41.015      |
| 4)                          | L1 AR-1016-2 | 6.258  | 5.285 | 50847   | 32535   | 32.414   | 32.975      |
| 5)                          | L1 AR-1016-3 | 6.323  | 5.479 | 35965   | 26660   | 36.730   | 48.902 #    |
| 6)                          | L1 AR-1016-4 | 6.432  | 5.530 | 33732   | 627564  | 43.081   | 1416.339 #  |
| 7)                          | L1 AR-1016-5 | 6.746  | 5.760 | 581479  | 391118  | 785.624  | 707.470     |
| 12)                         | L3 AR-1232-2 | 0.000  | 5.285 | 0       | 32535   | N.D.     | 77.911 #    |
| 13)                         | L3 AR-1232-3 | 6.258  | 5.479 | 50847   | 26660   | 78.145   | 120.172 #   |
| 14)                         | L3 AR-1232-4 | 6.432  | 5.574 | 33732   | 183061  | 100.633  | 779.975 #   |
| 15)                         | L3 AR-1232-5 | 6.528  | 5.760 | 820011  | 391118  | 3557.980 | 1790.418 #  |
| 16)                         | L4 AR-1242-1 | 6.233  | 5.264 | 38817   | 29559   | 47.963   | 55.109      |
| 17)                         | L4 AR-1242-2 | 6.258  | 5.285 | 50847   | 32535   | 43.591   | 44.423      |
| 18)                         | L4 AR-1242-3 | 6.323  | 5.479 | 35965   | 26660   | 49.070   | 64.746 #    |
| 19)                         | L4 AR-1242-4 | 6.432  | 5.574 | 33732   | 183061  | 56.401   | 433.341 #   |
| 20)                         | L4 AR-1242-5 | 7.217  | 6.143 | 837751  | 2960396 | 1348.868 | 5578.793 #  |
| 21)                         | L5 AR-1248-1 | 6.233  | 5.264 | 38817   | 29559   | 60.448   | 68.065      |
| 22)                         | L5 AR-1248-2 | 6.528  | 5.530 | 820011  | 627564  | 993.752  | 1059.007    |
| 23)                         | L5 AR-1248-3 | 6.746  | 5.574 | 581479  | 183061  | 591.191  | 302.121 #   |
| 24)                         | L5 AR-1248-4 | 7.176  | 5.760 | 1450988 | 391118  | 1336.612 | 574.384 #   |
| 25)                         | L5 AR-1248-5 | 7.217  | 6.185 | 837751  | 383448  | 802.826  | 543.997 #   |
| 26)                         | L6 AR-1254-1 | 7.144  | 6.143 | 2862668 | 2960396 | 2622.664 | 2843.447    |
| 27)                         | L6 AR-1254-2 | 7.375  | 6.302 | 5318527 | 3318359 | 3292.673 | 3443.336    |
| 28)                         | L6 AR-1254-3 | 7.757  | 6.726 | 7016726 | 6592974 | 4217.137 | 4382.605    |
| 29)                         | L6 AR-1254-4 | 8.054  | 6.965 | 5501983 | 4412379 | 4504.162 | 4582.208    |
| 30)                         | L6 AR-1254-5 | 8.483  | 7.398 | 7204363 | 7611504 | 5678.086 | 5407.687    |
| 31)                         | L7 AR-1260-1 | 7.924  | 6.864 | 2870703 | 3331711 | 2336.049 | 3093.766 #  |
| 32)                         | L7 AR-1260-2 | 8.191  | 7.060 | 3480722 | 3114749 | 2514.187 | 2431.884    |
| 33)                         | L7 AR-1260-3 | 8.544  | 7.216 | 857496  | 3176834 | 1036.732 | 2640.672 #  |
| 34)                         | L7 AR-1260-4 | 8.779  | 7.704 | 2841804 | 427015  | 2850.453 | 458.498 #   |
| 35)                         | L7 AR-1260-5 | 9.112  | 7.951 | 901794  | 1022414 | 475.884  | 476.665     |
| 36)                         | L8 AR-1262-1 | 8.544  | 7.398 | 857496  | 7611504 | 642.185  | 10796.672 # |
| 37)                         | L8 AR-1262-2 | 9.112  | 7.951 | 901794  | 1022414 | 409.989  | 450.058     |
| 38)                         | L8 AR-1262-3 | 9.444f | 8.239 | 964825  | 112995  | 988.358  | 111.174 #   |
| 39)                         | L8 AR-1262-4 | 9.494f | 8.301 | 227351  | 1073422 | 380.090  | 597.609 #   |
| 40)                         | L8 AR-1262-5 | 10.184 | 8.803 | 56743   | 70167   | 72.883   | 77.068      |
| 41)                         | L9 AR-1268-1 | 9.444f | 8.239 | 964825  | 112995  | 358.283  | 38.751 #    |
| 42)                         | L9 AR-1268-2 | 9.494f | 8.301 | 227351  | 1073422 | 88.263   | 402.679 #   |
| 44)                         | L9 AR-1268-4 | 10.184 | 8.803 | 56743   | 70167   | 61.768   | 68.170      |
| -----                       |              |        |       |         |         |          |             |

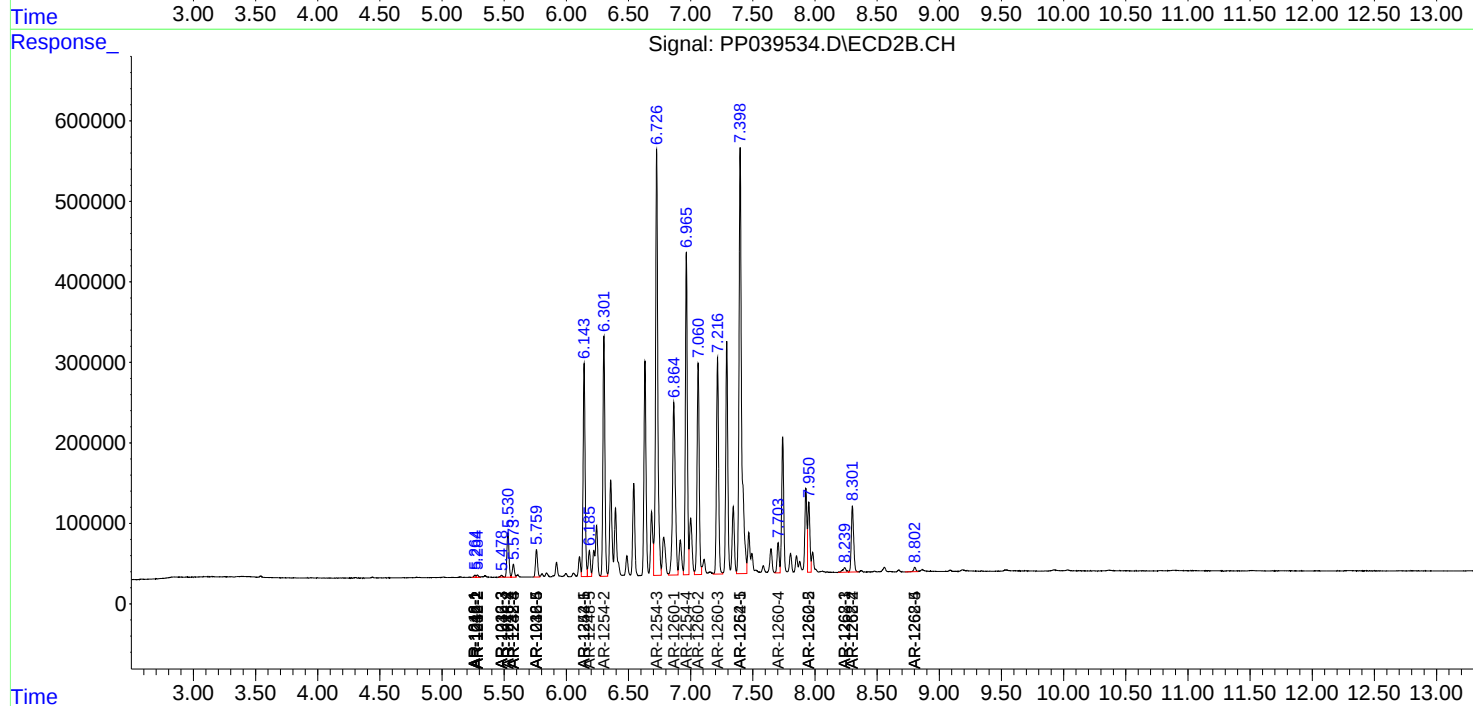
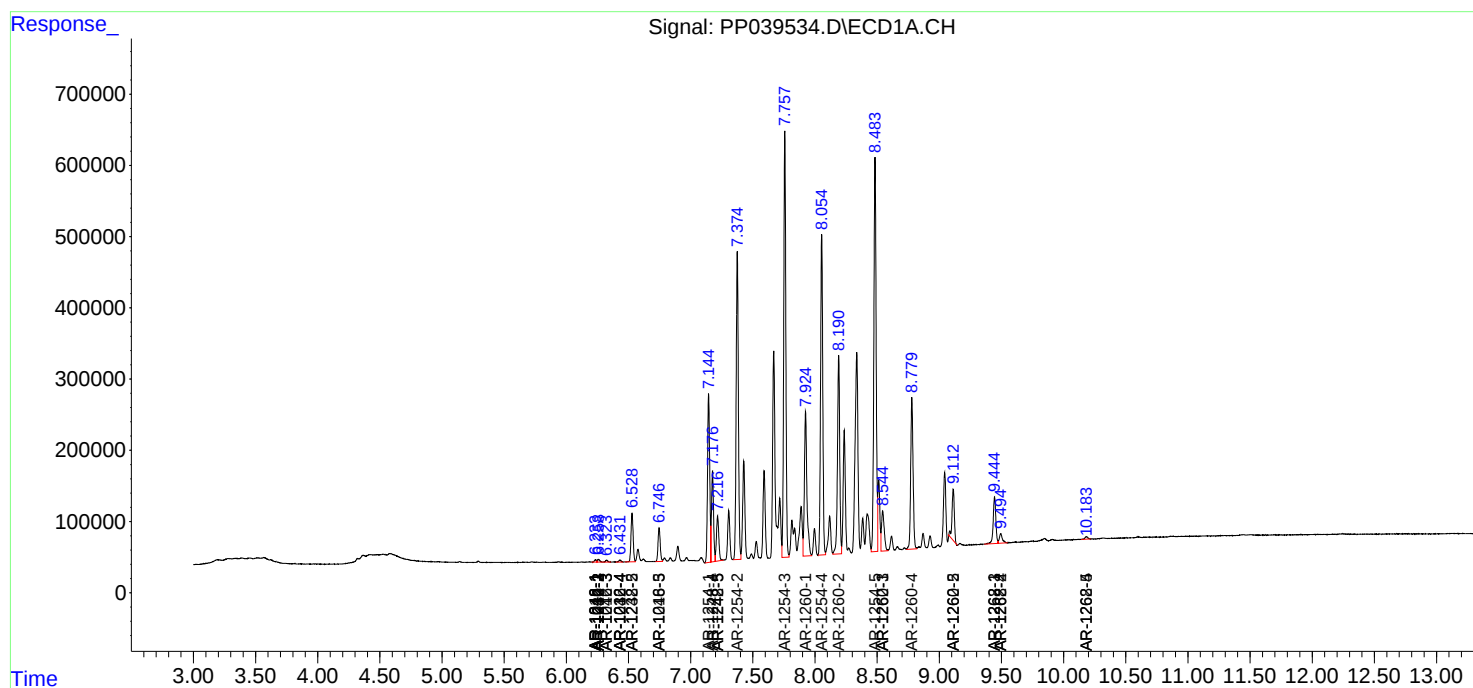
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

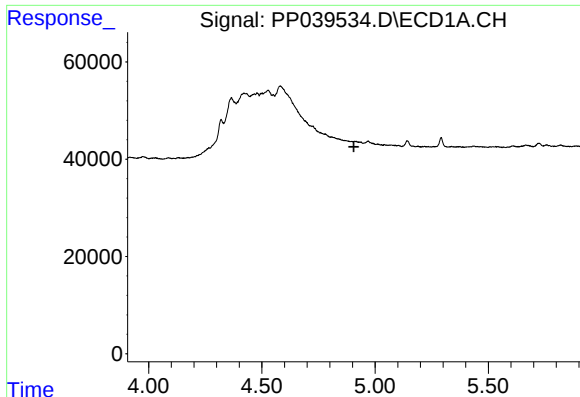
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092721\  
Data File : PP039534.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Sep 2021 11:45  
Operator : AJ\MA  
Sample : M3819-02 20000X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 13:20:04 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Sep 25 01:28:12 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

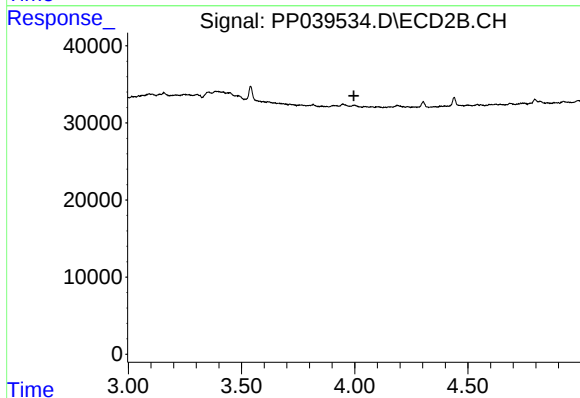




#1 Tetrachloro-m-xylene

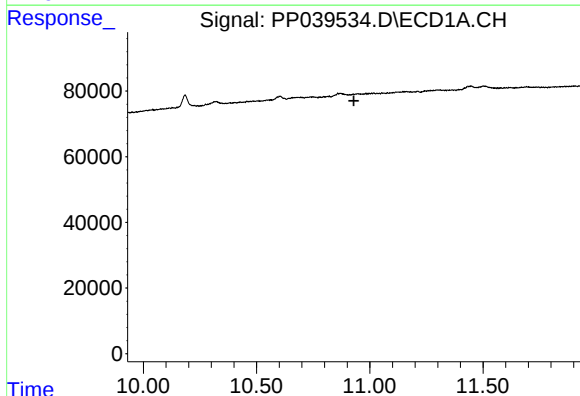
R.T.: 0.000 min  
Exp R.T. : 4.906 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



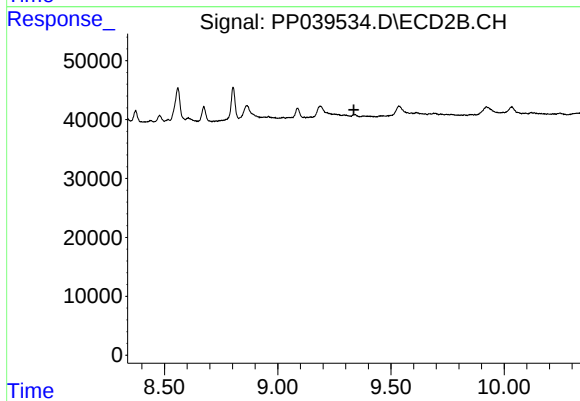
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.996 min  
Response: 0  
Conc: N.D.



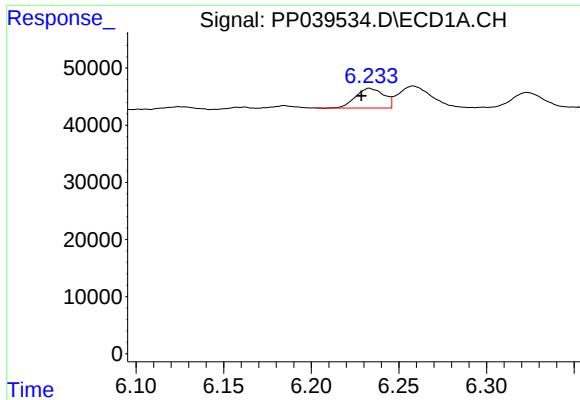
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.930 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

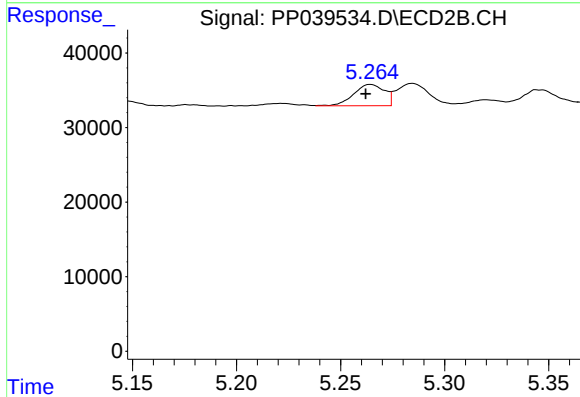
R.T.: 0.000 min  
Exp R.T. : 9.336 min  
Response: 0  
Conc: N.D.



#3 AR-1016-1

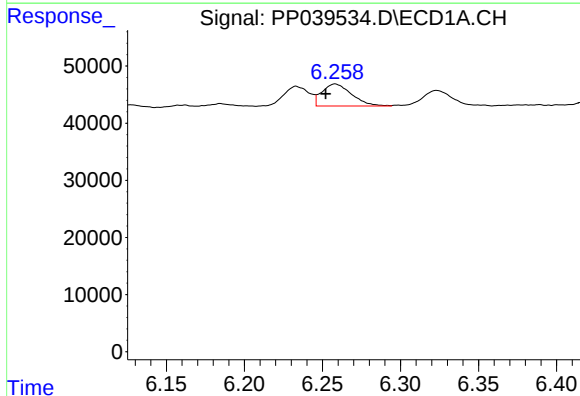
R.T.: 6.233 min  
Delta R.T.: 0.004 min  
Response: 38817  
Conc: 36.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



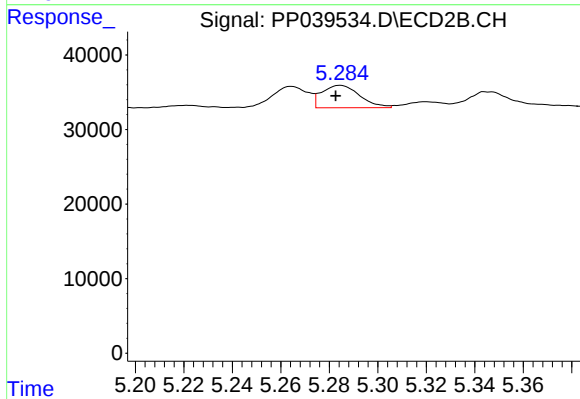
#3 AR-1016-1

R.T.: 5.264 min  
Delta R.T.: 0.002 min  
Response: 29559  
Conc: 41.01 ng/ml



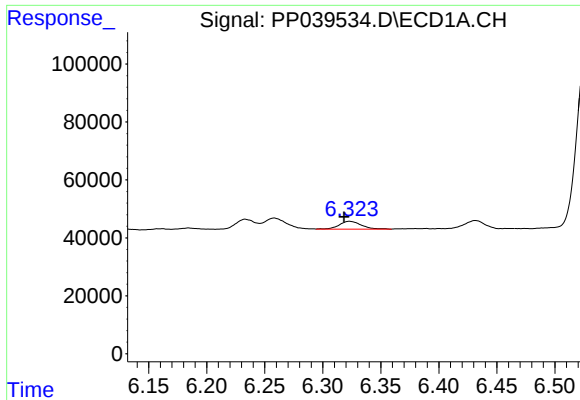
#4 AR-1016-2

R.T.: 6.258 min  
Delta R.T.: 0.006 min  
Response: 50847  
Conc: 32.41 ng/ml



#4 AR-1016-2

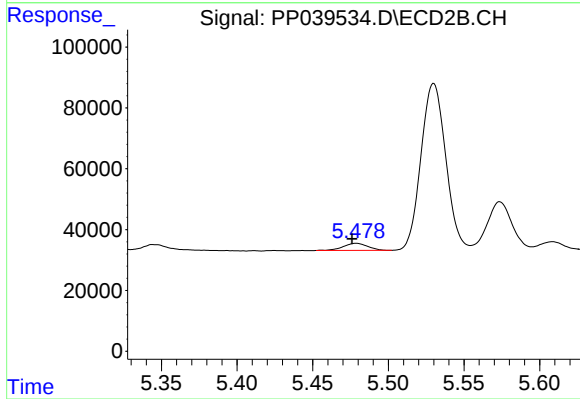
R.T.: 5.285 min  
Delta R.T.: 0.002 min  
Response: 32535  
Conc: 32.97 ng/ml



#5 AR-1016-3

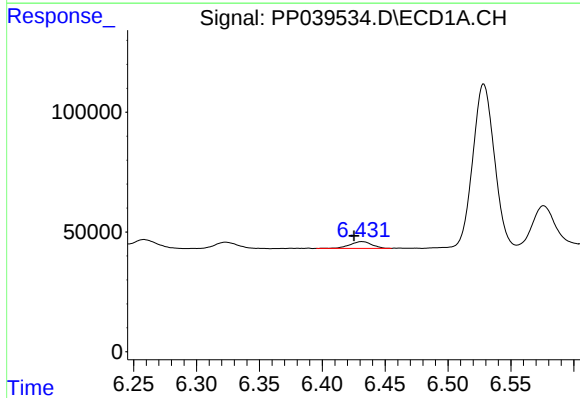
R.T.: 6.323 min  
Delta R.T.: 0.005 min  
Response: 35965  
Conc: 36.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



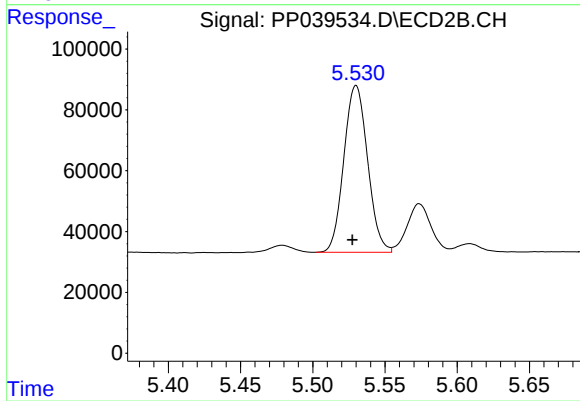
#5 AR-1016-3

R.T.: 5.479 min  
Delta R.T.: 0.003 min  
Response: 26660  
Conc: 48.90 ng/ml



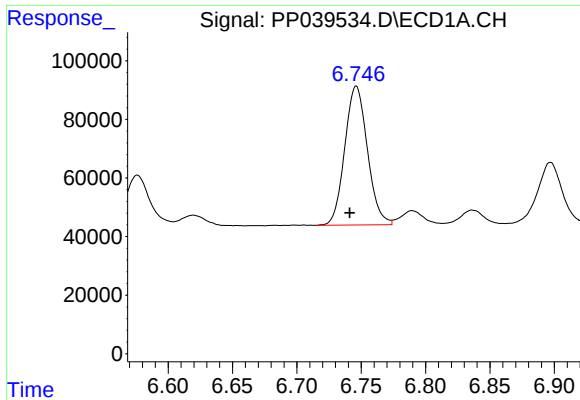
#6 AR-1016-4

R.T.: 6.432 min  
Delta R.T.: 0.006 min  
Response: 33732  
Conc: 43.08 ng/ml



#6 AR-1016-4

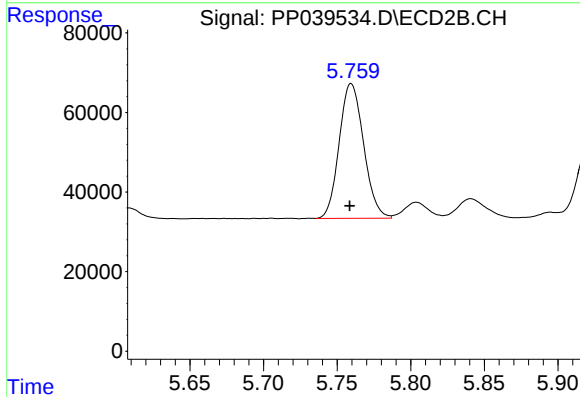
R.T.: 5.530 min  
Delta R.T.: 0.002 min  
Response: 627564  
Conc: 1416.34 ng/ml



#7 AR-1016-5

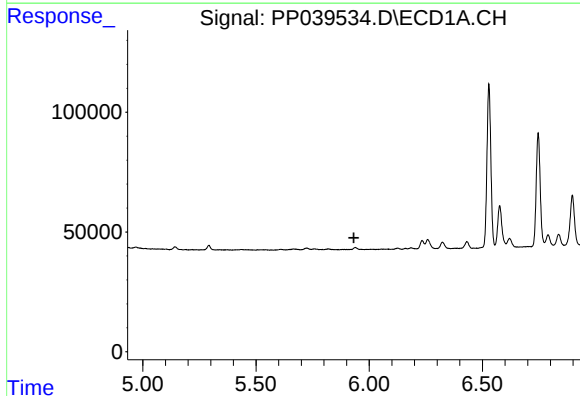
R.T.: 6.746 min  
Delta R.T.: 0.005 min  
Response: 581479  
Conc: 785.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



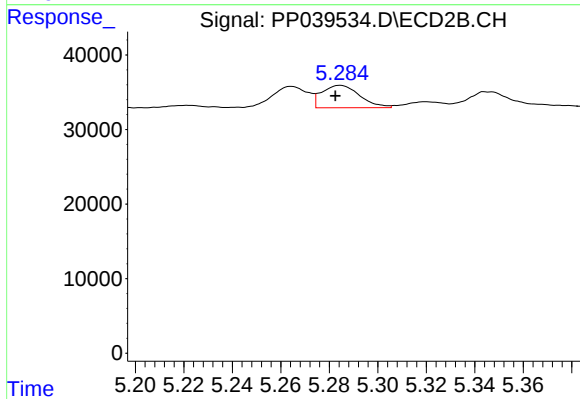
#7 AR-1016-5

R.T.: 5.760 min  
Delta R.T.: 0.000 min  
Response: 391118  
Conc: 707.47 ng/ml



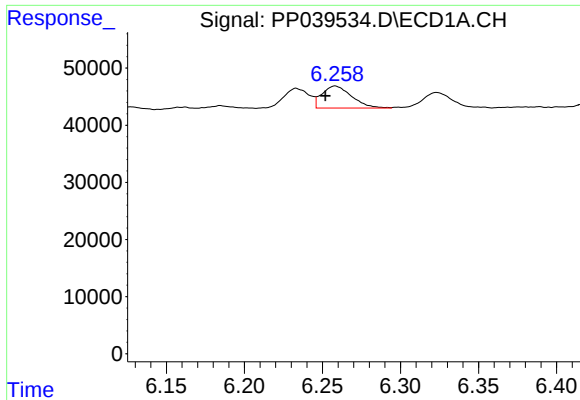
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.932 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

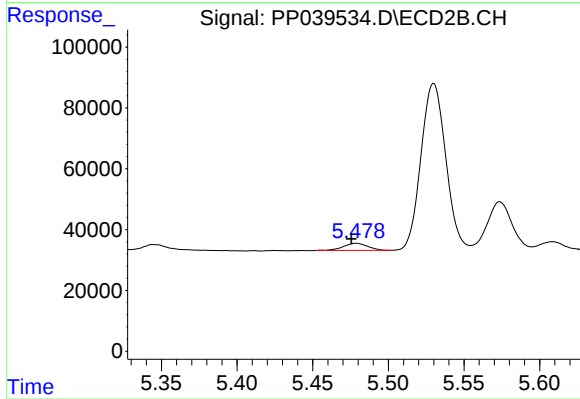
R.T.: 5.285 min  
Delta R.T.: 0.002 min  
Response: 32535  
Conc: 77.91 ng/ml



#13 AR-1232-3

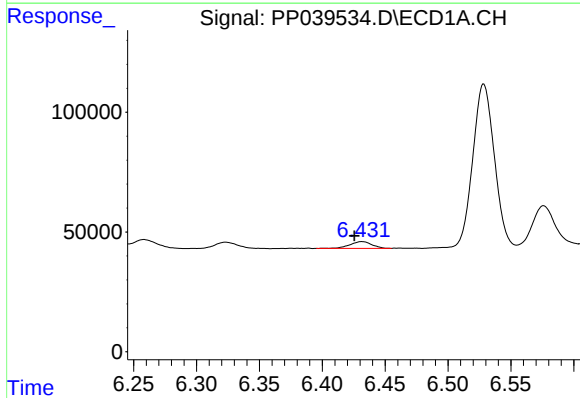
R.T.: 6.258 min  
Delta R.T.: 0.006 min  
Response: 50847  
Conc: 78.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



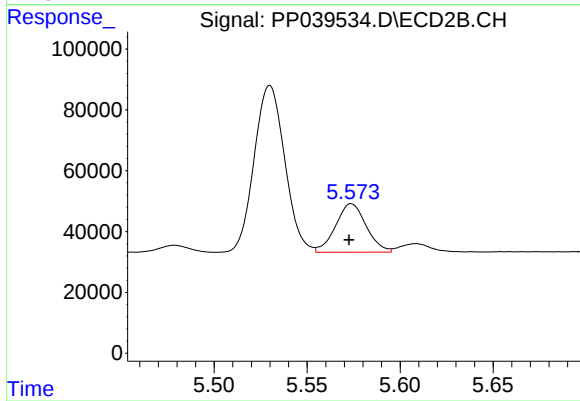
#13 AR-1232-3

R.T.: 5.479 min  
Delta R.T.: 0.003 min  
Response: 26660  
Conc: 120.17 ng/ml



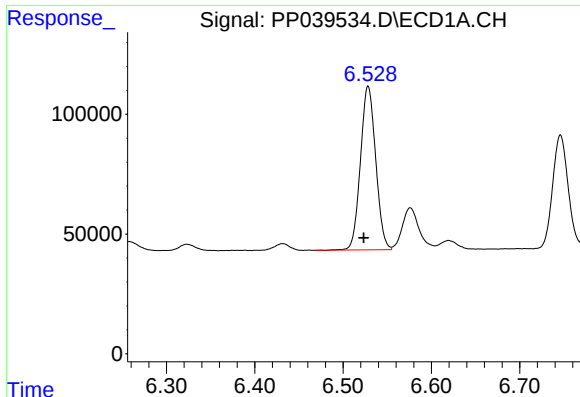
#14 AR-1232-4

R.T.: 6.432 min  
Delta R.T.: 0.006 min  
Response: 33732  
Conc: 100.63 ng/ml



#14 AR-1232-4

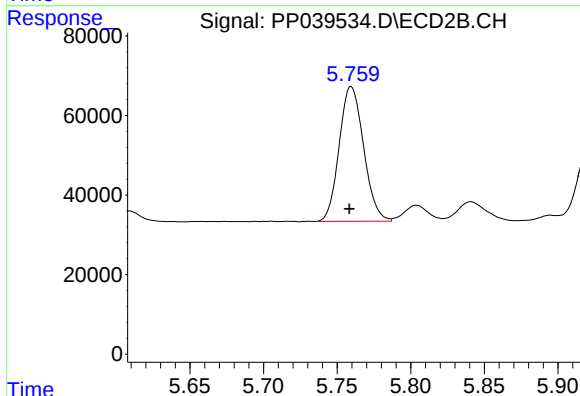
R.T.: 5.574 min  
Delta R.T.: 0.001 min  
Response: 183061  
Conc: 779.98 ng/ml



#15 AR-1232-5

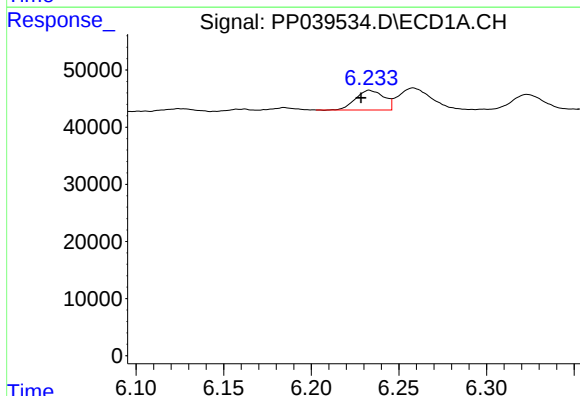
R.T.: 6.528 min  
Delta R.T.: 0.005 min  
Response: 820011  
Conc: 3557.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



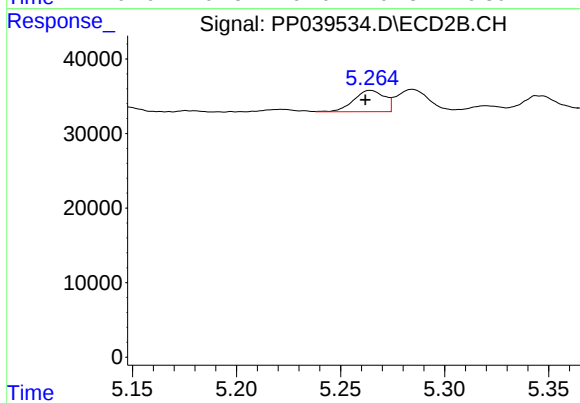
#15 AR-1232-5

R.T.: 5.760 min  
Delta R.T.: 0.001 min  
Response: 391118  
Conc: 1790.42 ng/ml



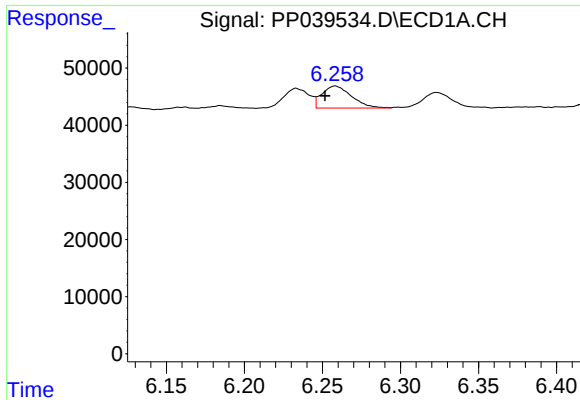
#16 AR-1242-1

R.T.: 6.233 min  
Delta R.T.: 0.005 min  
Response: 38817  
Conc: 47.96 ng/ml



#16 AR-1242-1

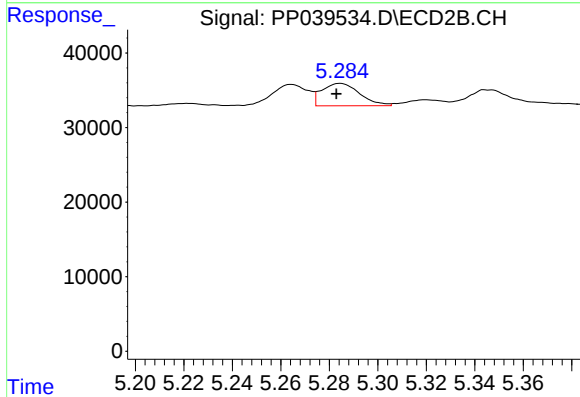
R.T.: 5.264 min  
Delta R.T.: 0.002 min  
Response: 29559  
Conc: 55.11 ng/ml



#17 AR-1242-2

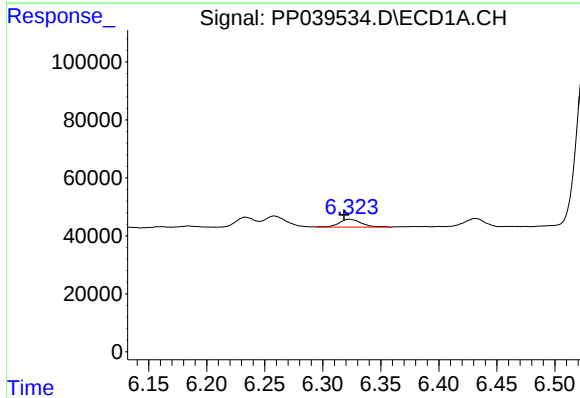
R.T.: 6.258 min  
Delta R.T.: 0.006 min  
Response: 50847  
Conc: 43.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



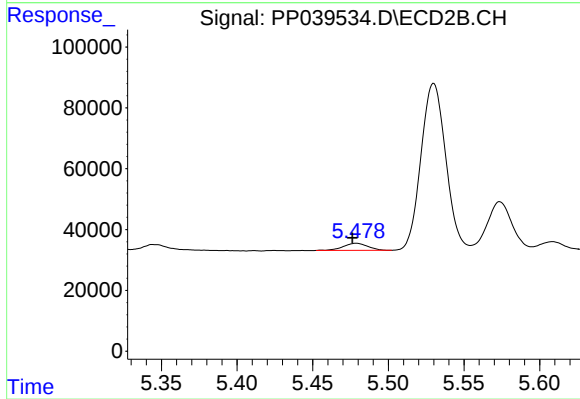
#17 AR-1242-2

R.T.: 5.285 min  
Delta R.T.: 0.002 min  
Response: 32535  
Conc: 44.42 ng/ml



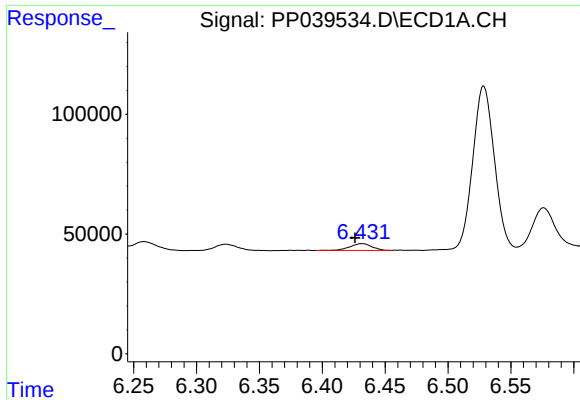
#18 AR-1242-3

R.T.: 6.323 min  
Delta R.T.: 0.005 min  
Response: 35965  
Conc: 49.07 ng/ml



#18 AR-1242-3

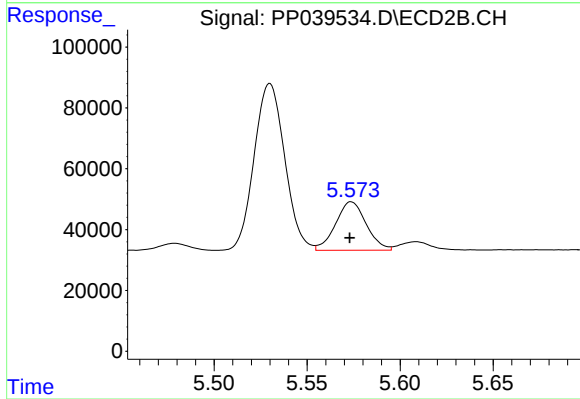
R.T.: 5.479 min  
Delta R.T.: 0.003 min  
Response: 26660  
Conc: 64.75 ng/ml



#19 AR-1242-4

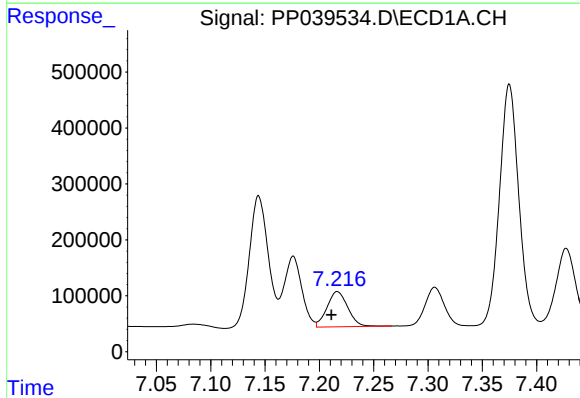
R.T.: 6.432 min  
Delta R.T.: 0.006 min  
Response: 33732  
Conc: 56.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



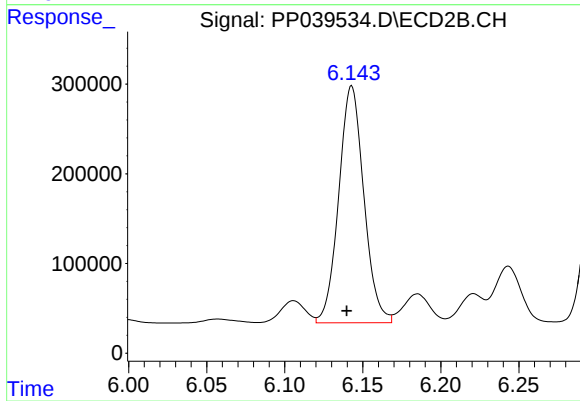
#19 AR-1242-4

R.T.: 5.574 min  
Delta R.T.: 0.000 min  
Response: 183061  
Conc: 433.34 ng/ml



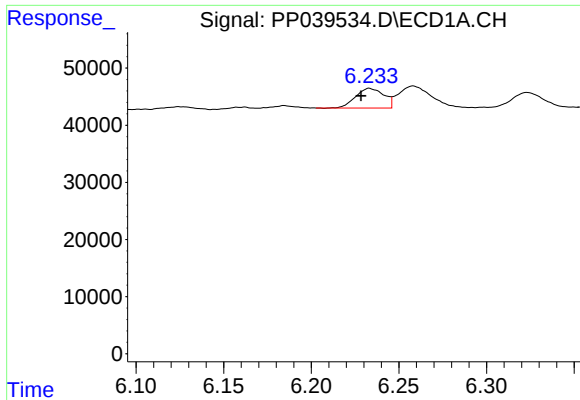
#20 AR-1242-5

R.T.: 7.217 min  
Delta R.T.: 0.005 min  
Response: 837751  
Conc: 1348.87 ng/ml



#20 AR-1242-5

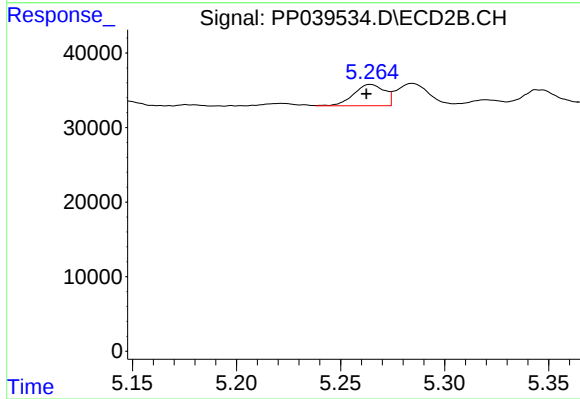
R.T.: 6.143 min  
Delta R.T.: 0.003 min  
Response: 2960396  
Conc: 5578.79 ng/ml



#21 AR-1248-1

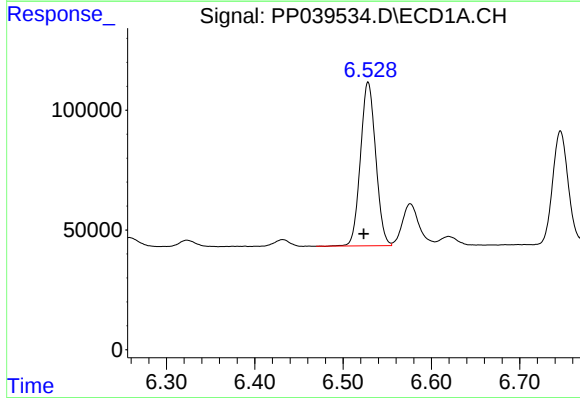
R.T.: 6.233 min  
Delta R.T.: 0.005 min  
Response: 38817  
Conc: 60.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



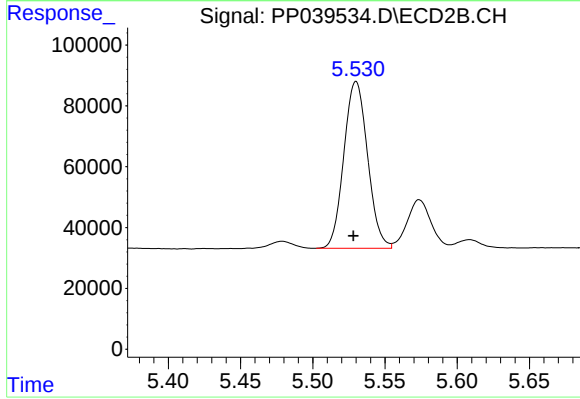
#21 AR-1248-1

R.T.: 5.264 min  
Delta R.T.: 0.002 min  
Response: 29559  
Conc: 68.06 ng/ml



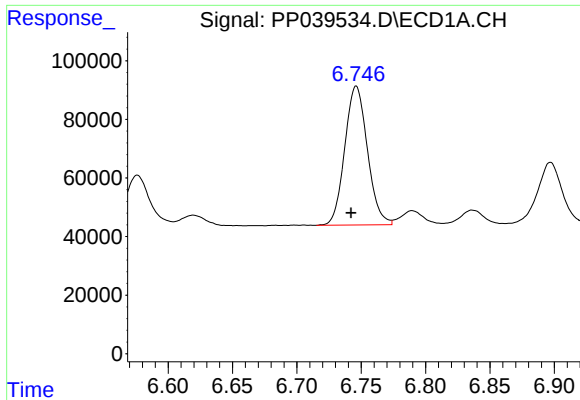
#22 AR-1248-2

R.T.: 6.528 min  
Delta R.T.: 0.005 min  
Response: 820011  
Conc: 993.75 ng/ml



#22 AR-1248-2

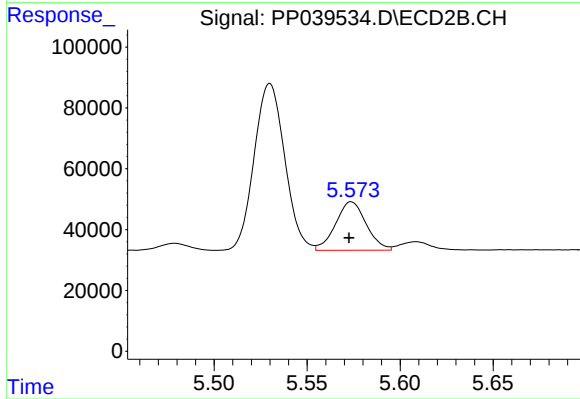
R.T.: 5.530 min  
Delta R.T.: 0.002 min  
Response: 627564  
Conc: 1059.01 ng/ml



#23 AR-1248-3

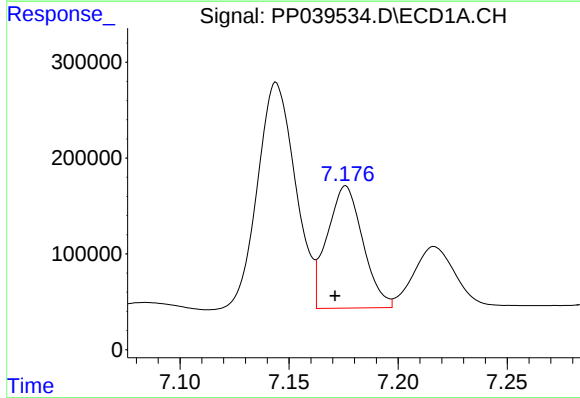
R.T.: 6.746 min  
Delta R.T.: 0.004 min  
Response: 581479  
Conc: 591.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



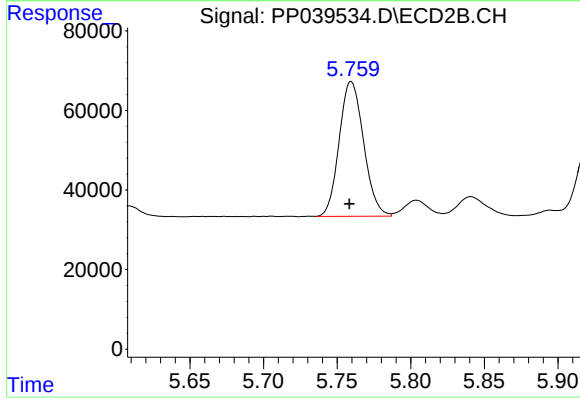
#23 AR-1248-3

R.T.: 5.574 min  
Delta R.T.: 0.001 min  
Response: 183061  
Conc: 302.12 ng/ml



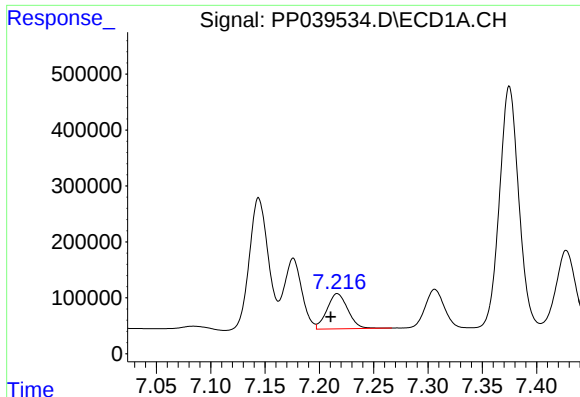
#24 AR-1248-4

R.T.: 7.176 min  
Delta R.T.: 0.005 min  
Response: 1450988  
Conc: 1336.61 ng/ml



#24 AR-1248-4

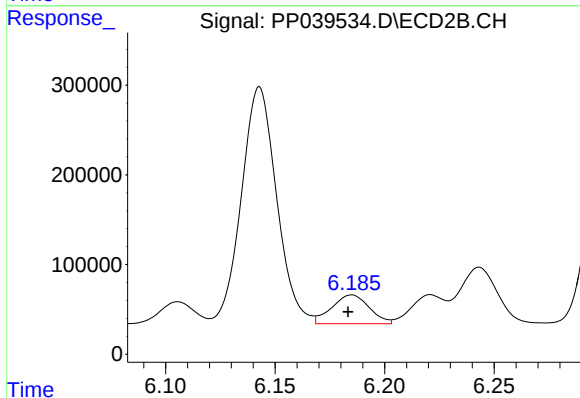
R.T.: 5.760 min  
Delta R.T.: 0.001 min  
Response: 391118  
Conc: 574.38 ng/ml



#25 AR-1248-5

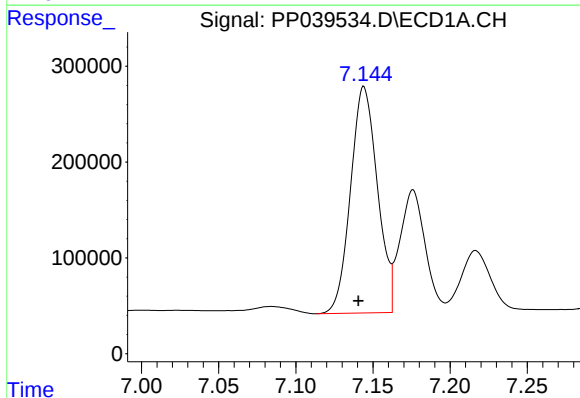
R.T.: 7.217 min  
Delta R.T.: 0.006 min  
Response: 837751  
Conc: 802.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



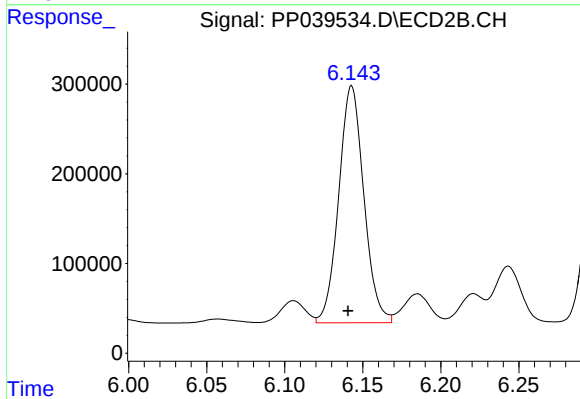
#25 AR-1248-5

R.T.: 6.185 min  
Delta R.T.: 0.002 min  
Response: 383448  
Conc: 544.00 ng/ml



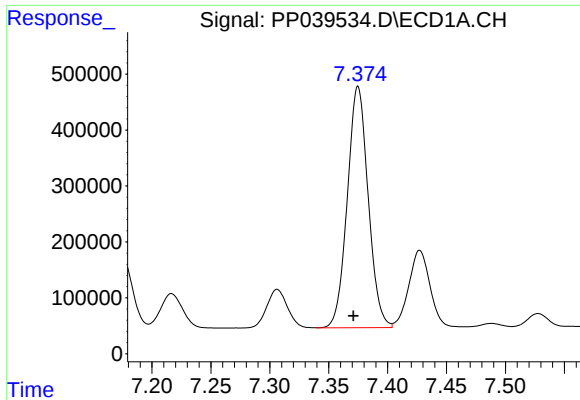
#26 AR-1254-1

R.T.: 7.144 min  
Delta R.T.: 0.004 min  
Response: 2862668  
Conc: 2622.66 ng/ml



#26 AR-1254-1

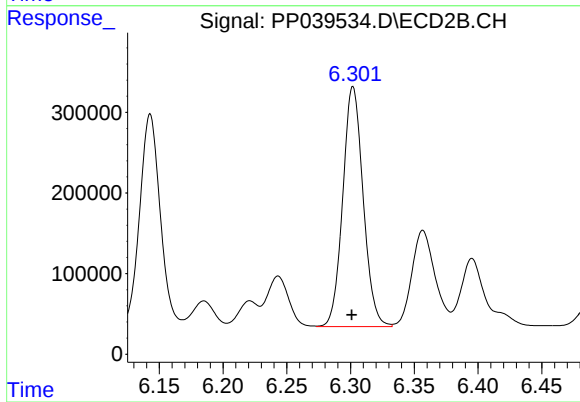
R.T.: 6.143 min  
Delta R.T.: 0.002 min  
Response: 2960396  
Conc: 2843.45 ng/ml



#27 AR-1254-2

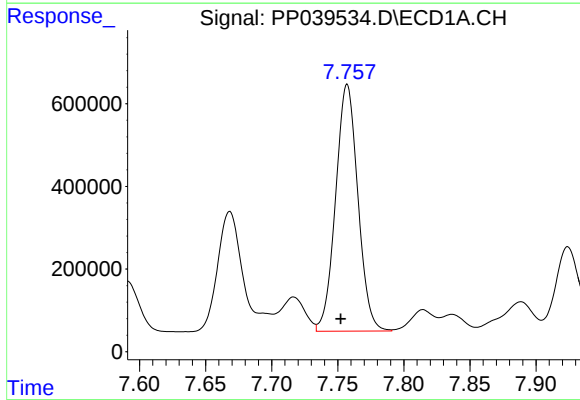
R.T.: 7.375 min  
Delta R.T.: 0.004 min  
Response: 5318527  
Conc: 3292.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



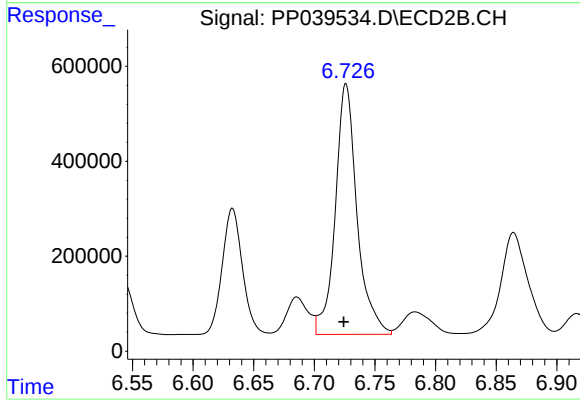
#27 AR-1254-2

R.T.: 6.302 min  
Delta R.T.: 0.001 min  
Response: 3318359  
Conc: 3443.34 ng/ml



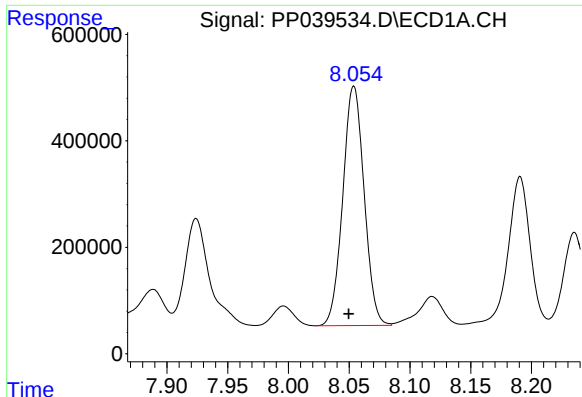
#28 AR-1254-3

R.T.: 7.757 min  
Delta R.T.: 0.005 min  
Response: 7016726  
Conc: 4217.14 ng/ml



#28 AR-1254-3

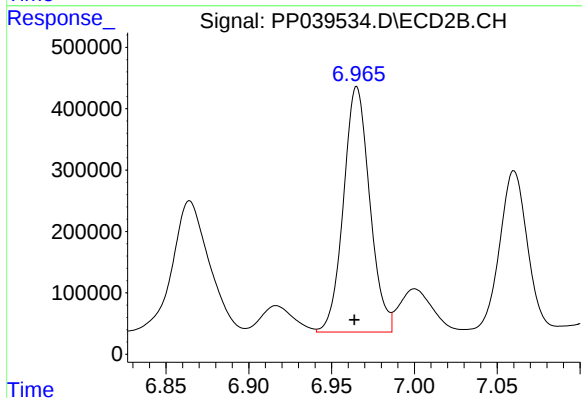
R.T.: 6.726 min  
Delta R.T.: 0.002 min  
Response: 6592974  
Conc: 4382.61 ng/ml



#29 AR-1254-4

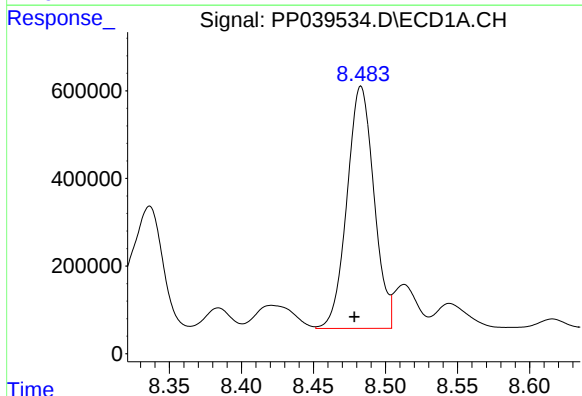
R.T.: 8.054 min  
Delta R.T.: 0.004 min  
Response: 5501983  
Conc: 4504.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



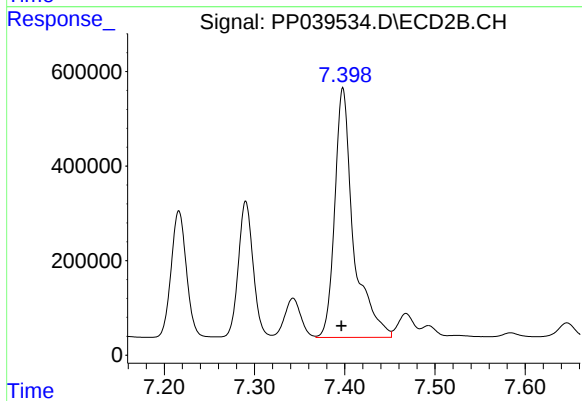
#29 AR-1254-4

R.T.: 6.965 min  
Delta R.T.: 0.001 min  
Response: 4412379  
Conc: 4582.21 ng/ml



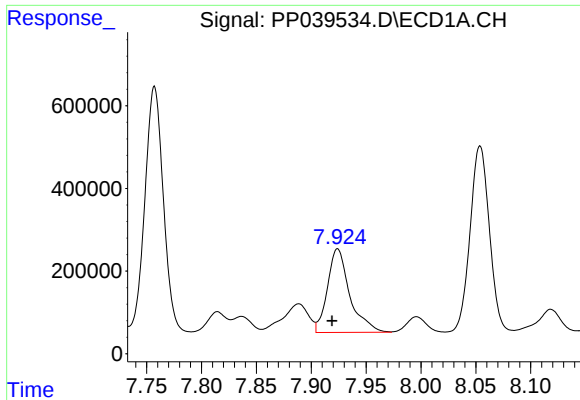
#30 AR-1254-5

R.T.: 8.483 min  
Delta R.T.: 0.005 min  
Response: 7204363  
Conc: 5678.09 ng/ml



#30 AR-1254-5

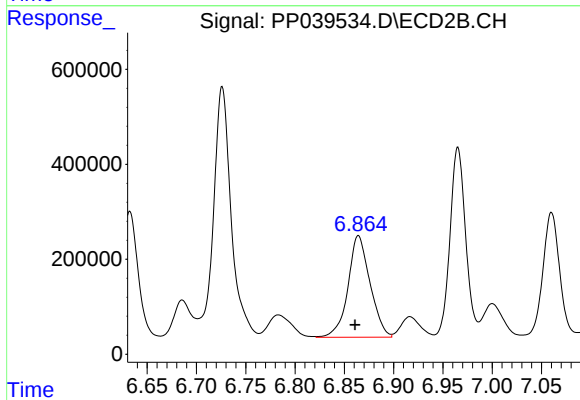
R.T.: 7.398 min  
Delta R.T.: 0.002 min  
Response: 7611504  
Conc: 5407.69 ng/ml



#31 AR-1260-1

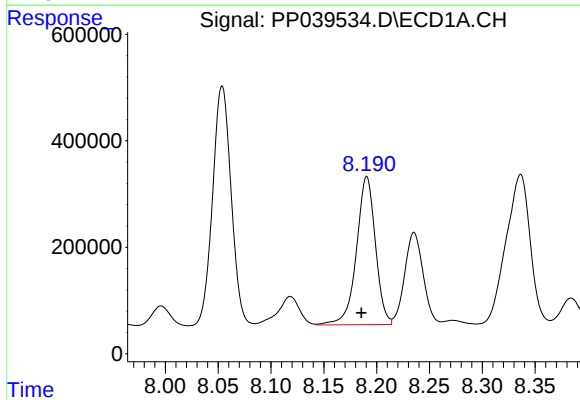
R.T.: 7.924 min  
Delta R.T.: 0.005 min  
Response: 2870703  
Conc: 2336.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



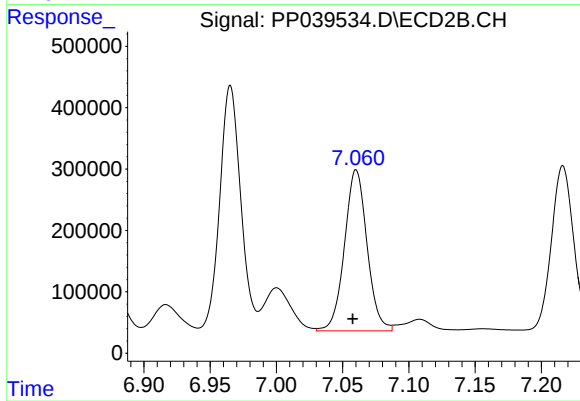
#31 AR-1260-1

R.T.: 6.864 min  
Delta R.T.: 0.003 min  
Response: 3331711  
Conc: 3093.77 ng/ml



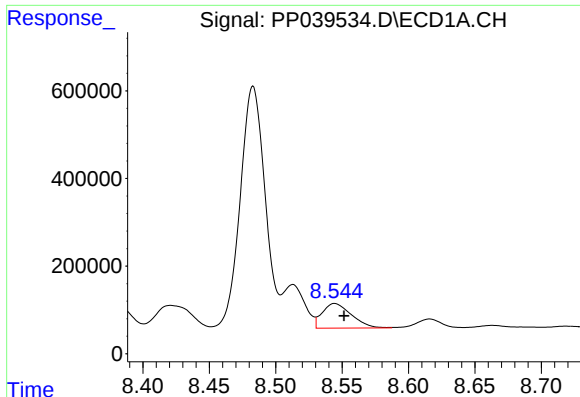
#32 AR-1260-2

R.T.: 8.191 min  
Delta R.T.: 0.005 min  
Response: 3480722  
Conc: 2514.19 ng/ml



#32 AR-1260-2

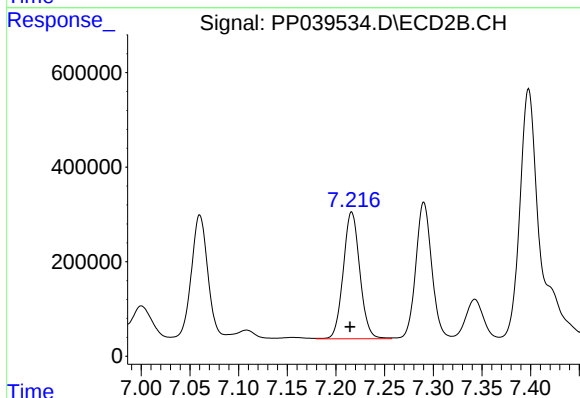
R.T.: 7.060 min  
Delta R.T.: 0.003 min  
Response: 3114749  
Conc: 2431.88 ng/ml



#33 AR-1260-3

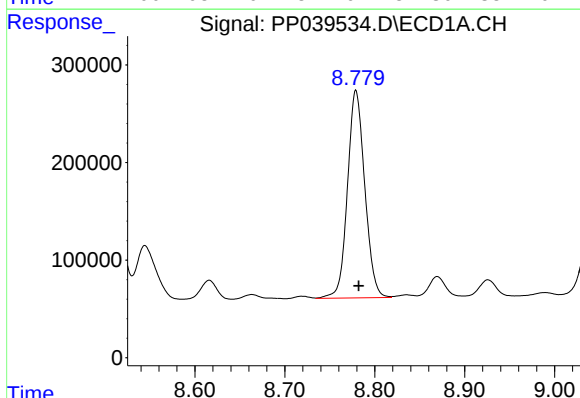
R.T.: 8.544 min  
Delta R.T.: -0.007 min  
Response: 857496  
Conc: 1036.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



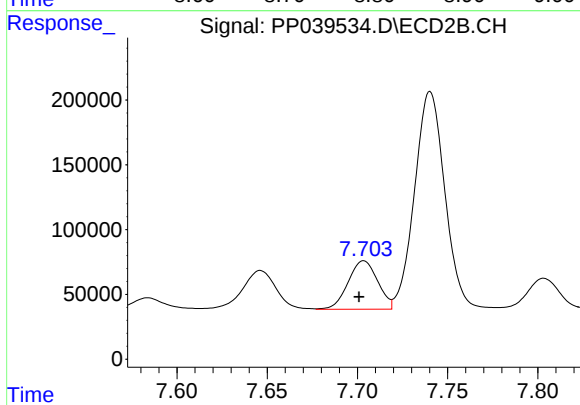
#33 AR-1260-3

R.T.: 7.216 min  
Delta R.T.: 0.002 min  
Response: 3176834  
Conc: 2640.67 ng/ml



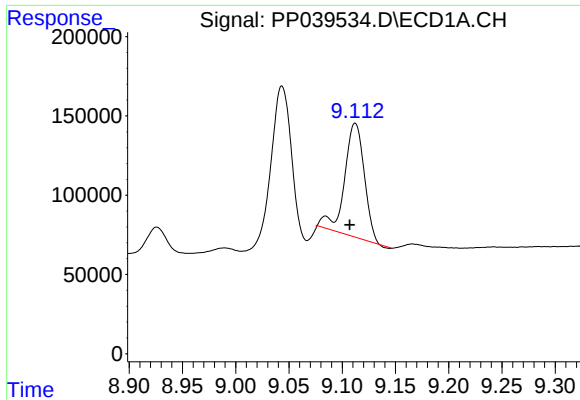
#34 AR-1260-4

R.T.: 8.779 min  
Delta R.T.: -0.003 min  
Response: 2841804  
Conc: 2850.45 ng/ml



#34 AR-1260-4

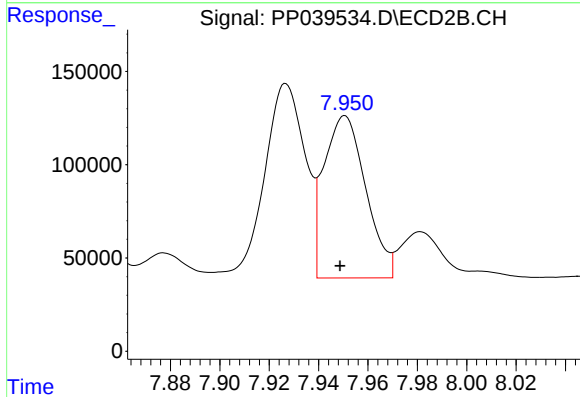
R.T.: 7.704 min  
Delta R.T.: 0.003 min  
Response: 427015  
Conc: 458.50 ng/ml



#35 AR-1260-5

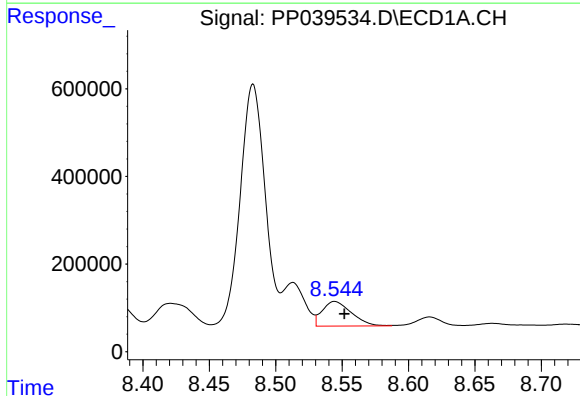
R.T.: 9.112 min  
Delta R.T.: 0.005 min  
Response: 901794  
Conc: 475.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



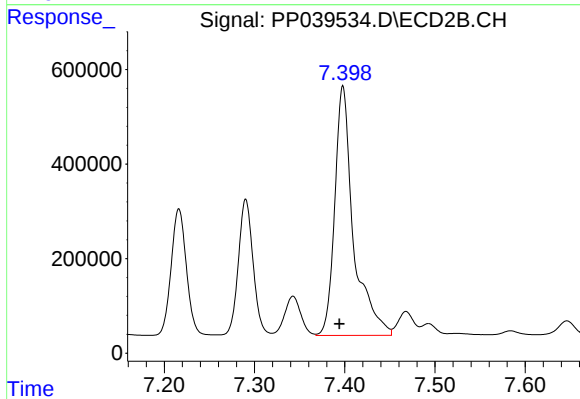
#35 AR-1260-5

R.T.: 7.951 min  
Delta R.T.: 0.002 min  
Response: 1022414  
Conc: 476.67 ng/ml



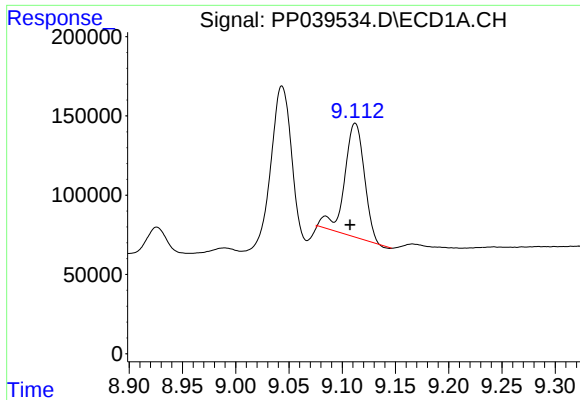
#36 AR-1262-1

R.T.: 8.544 min  
Delta R.T.: -0.007 min  
Response: 857496  
Conc: 642.19 ng/ml



#36 AR-1262-1

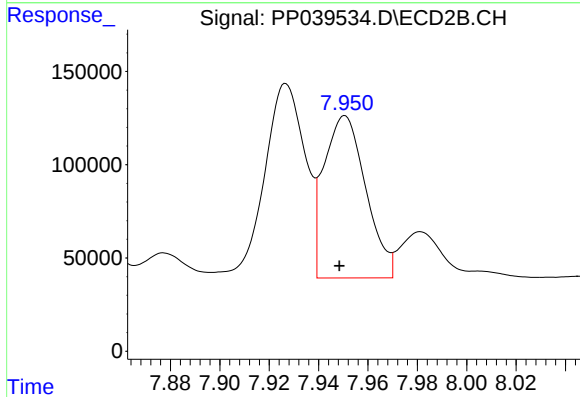
R.T.: 7.398 min  
Delta R.T.: 0.004 min  
Response: 7611504  
Conc: 10796.67 ng/ml



#37 AR-1262-2

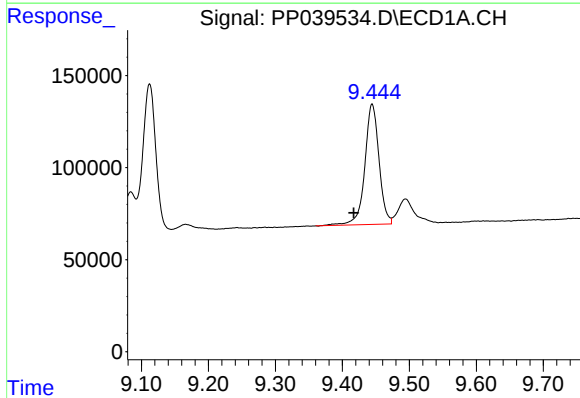
R.T.: 9.112 min  
Delta R.T.: 0.005 min  
Response: 901794  
Conc: 409.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



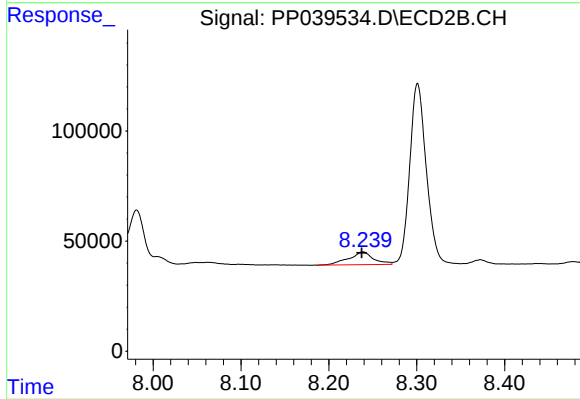
#37 AR-1262-2

R.T.: 7.951 min  
Delta R.T.: 0.002 min  
Response: 1022414  
Conc: 450.06 ng/ml



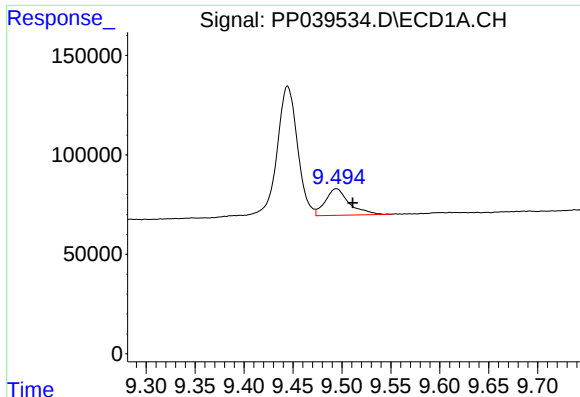
#38 AR-1262-3

R.T.: 9.444 min  
Delta R.T.: 0.027 min  
Response: 964825  
Conc: 988.36 ng/ml



#38 AR-1262-3

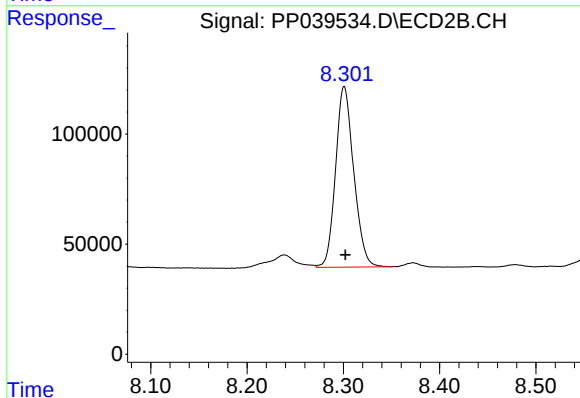
R.T.: 8.239 min  
Delta R.T.: 0.001 min  
Response: 112995  
Conc: 111.17 ng/ml



#39 AR-1262-4

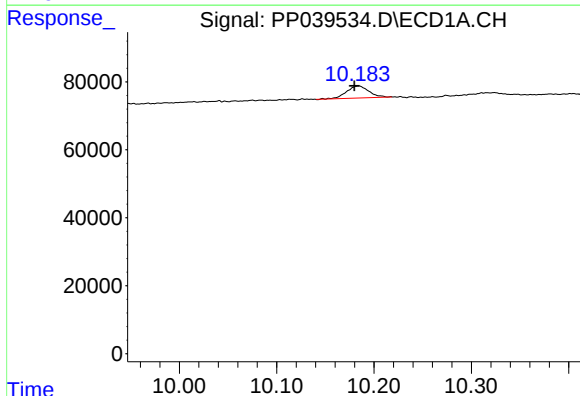
R.T.: 9.494 min  
Delta R.T.: -0.017 min  
Response: 227351  
Conc: 380.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



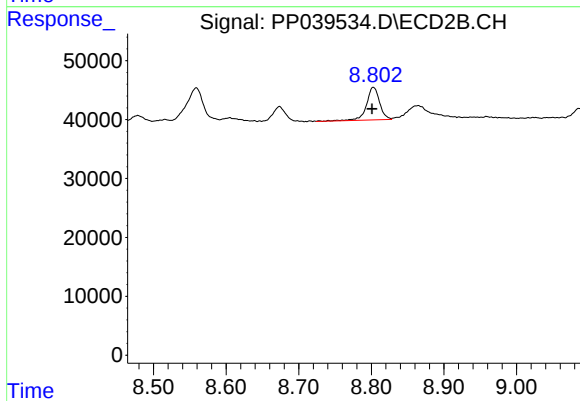
#39 AR-1262-4

R.T.: 8.301 min  
Delta R.T.: 0.000 min  
Response: 1073422  
Conc: 597.61 ng/ml



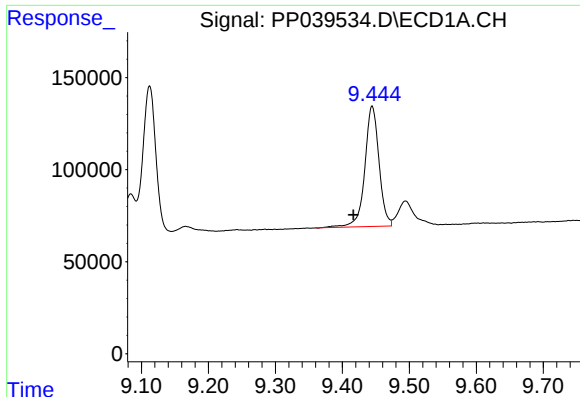
#40 AR-1262-5

R.T.: 10.184 min  
Delta R.T.: 0.004 min  
Response: 56743  
Conc: 72.88 ng/ml



#40 AR-1262-5

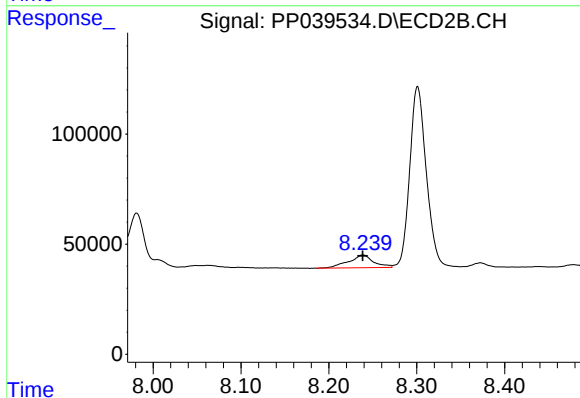
R.T.: 8.803 min  
Delta R.T.: 0.002 min  
Response: 70167  
Conc: 77.07 ng/ml



#41 AR-1268-1

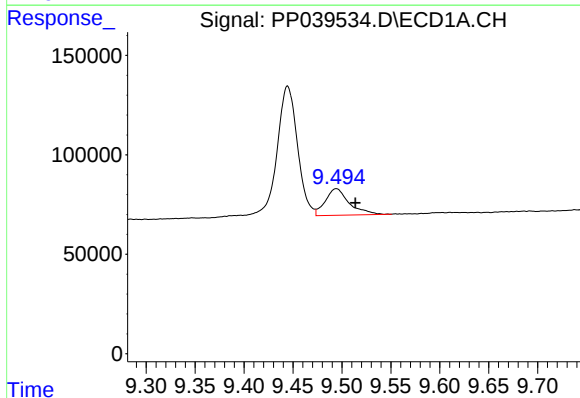
R.T.: 9.444 min  
Delta R.T.: 0.028 min  
Response: 964825  
Conc: 358.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



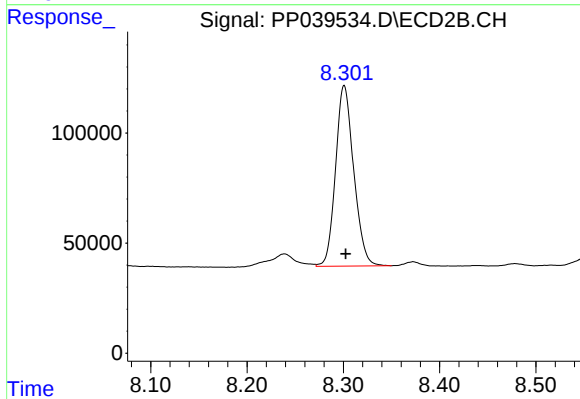
#41 AR-1268-1

R.T.: 8.239 min  
Delta R.T.: 0.000 min  
Response: 112995  
Conc: 38.75 ng/ml



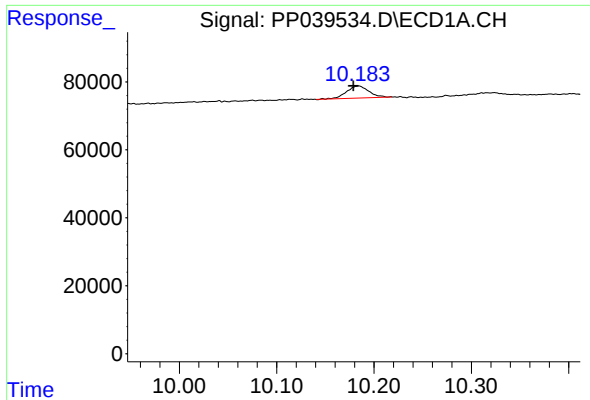
#42 AR-1268-2

R.T.: 9.494 min  
Delta R.T.: -0.019 min  
Response: 227351  
Conc: 88.26 ng/ml



#42 AR-1268-2

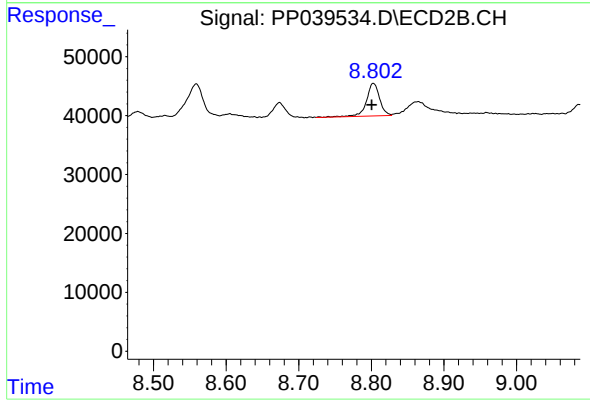
R.T.: 8.301 min  
Delta R.T.: -0.002 min  
Response: 1073422  
Conc: 402.68 ng/ml



#44 AR-1268-4

R.T.: 10.184 min  
Delta R.T.: 0.005 min  
Response: 56743  
Conc: 61.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#44 AR-1268-4

R.T.: 8.803 min  
Delta R.T.: 0.002 min  
Response: 70167  
Conc: 68.17 ng/ml