

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP021021\  
 Data File : PP033252.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Feb 2021 00:14  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 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: Feb 11 03:46:37 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Feb 09 04:00:57 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|---------|---------|----------|------------|
| -----                       |                 |        |       |         |         |          |            |
| System Monitoring Compounds |                 |        |       |         |         |          |            |
| 1)                          | SA Tetrachlo... | 4.728  | 3.999 | 3139195 | 2297243 | 51.192   | 56.178     |
| 2)                          | SA Decachlor... | 10.548 | 9.262 | 2332818 | 1960519 | 53.553   | 58.523     |
|                             |                 |        |       |         |         |          |            |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.026  | 5.244 | 478716  | 372089  | 292.068  | 339.025    |
| 4)                          | L1 AR-1016-2    | 6.050  | 5.264 | 602495  | 403894  | 240.595  | 247.492    |
| 5)                          | L1 AR-1016-3    | 6.115  | 5.456 | 287980  | 256812  | 181.592  | 288.104 #  |
| 6)                          | L1 AR-1016-4    | 6.219  | 5.505 | 340802  | 510808  | 257.137  | 709.313 #  |
| 7)                          | L1 AR-1016-5    | 6.533  | 5.734 | 785862  | 604949  | 599.192  | 642.837    |
| 9)                          | L2 AR-1221-2    | 5.072  | 4.351 | 45210   | 32806   | 97.184   | 103.814    |
| 10)                         | L2 AR-1221-3    | 5.155  | 4.439 | 40322   | 30705   | 28.586   | 31.180     |
| 11)                         | L3 AR-1232-1    | 5.155  | 4.439 | 40322   | 30705   | 34.773   | 38.745     |
| 12)                         | L3 AR-1232-2    | 5.735  | 5.264 | 212664  | 403894  | 333.088  | 546.312 #  |
| 13)                         | L3 AR-1232-3    | 6.050  | 5.456 | 602495  | 256812  | 549.192  | 647.497    |
| 14)                         | L3 AR-1232-4    | 6.219  | 5.550 | 340802  | 544155  | 593.765  | 1552.290 # |
| 15)                         | L3 AR-1232-5    | 6.319  | 5.734 | 634336  | 604949  | 1735.928 | 1591.769   |
| 16)                         | L4 AR-1242-1    | 6.026  | 5.244 | 478716  | 372089  | 368.270  | 429.898    |
| 17)                         | L4 AR-1242-2    | 6.050  | 5.264 | 602495  | 403894  | 305.788  | 314.714    |
| 18)                         | L4 AR-1242-3    | 6.115  | 5.456 | 287980  | 256812  | 227.216  | 365.357 #  |
| 19)                         | L4 AR-1242-4    | 6.219  | 5.550 | 340802  | 544155  | 310.486  | 781.257 #  |
| 20)                         | L4 AR-1242-5    | 6.996  | 6.112 | 843592  | 892395  | 811.966  | 1056.876 # |
| 21)                         | L5 AR-1248-1    | 6.026  | 5.244 | 478716  | 372089  | 499.984  | 572.148    |
| 22)                         | L5 AR-1248-2    | 6.319  | 5.505 | 634336  | 510808  | 478.718  | 532.448    |
| 23)                         | L5 AR-1248-3    | 6.533  | 5.550 | 785862  | 544155  | 485.316  | 535.187    |
| 24)                         | L5 AR-1248-4    | 6.958  | 5.734 | 860866  | 604949  | 500.316  | 488.147    |
| 25)                         | L5 AR-1248-5    | 6.996  | 6.155 | 843592  | 633402  | 484.822  | 560.865    |
| 26)                         | L6 AR-1254-1    | 6.928  | 6.112 | 645624  | 892395  | 343.869  | 466.942 #  |
| 27)                         | L6 AR-1254-2    | 7.159  | 6.270 | 870795  | 262942  | 297.022  | 160.367 #  |
| 28)                         | L6 AR-1254-3    | 7.535  | 6.689 | 512178  | 438725  | 168.630  | 163.235    |
| 29)                         | L6 AR-1254-4    | 7.829  | 6.928 | 384644  | 258638  | 166.277  | 173.223    |
| 30)                         | L6 AR-1254-5    | 8.256  | 7.354 | 97517   | 103768  | 40.300   | 42.855     |
| 31)                         | L7 AR-1260-1    | 7.702  | 6.836 | 79265   | 209000  | 36.205   | 121.850 #  |
| 32)                         | L7 AR-1260-2    | 7.965  | 7.020 | 119309  | 59114   | 40.822   | 29.256 #   |
| 33)                         | L7 AR-1260-3    | 8.328  | 7.173 | 22139   | 61943   | 8.650    | 31.224 #   |
| 34)                         | L7 AR-1260-4    | 8.549  | 0.000 | 51844   | 0       | 21.221   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 8.871  | 7.902 | 55428   | 19873   | 10.297   | 5.165 #    |
| 36)                         | L8 AR-1262-1    | 8.328  | 7.354 | 22139   | 103768  | 5.823    | 83.318 #   |
| 37)                         | L8 AR-1262-2    | 8.871  | 7.902 | 55428   | 19873   | 8.853    | 4.519 #    |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.249 | 0       | 23255   | N.D.     | 6.816 #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.249 | 0       | 23255   | N.D.     | 4.728 #    |
| -----                       |                 |        |       |         |         |          |            |

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

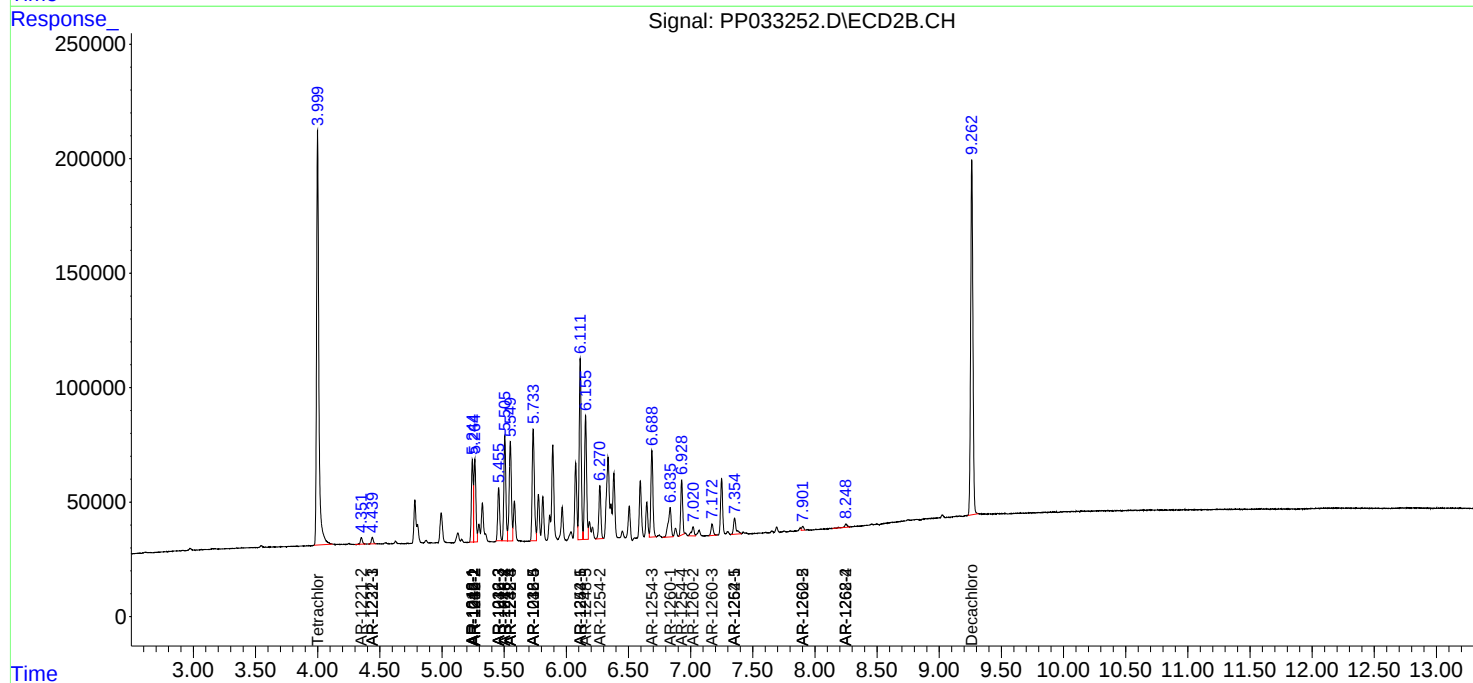
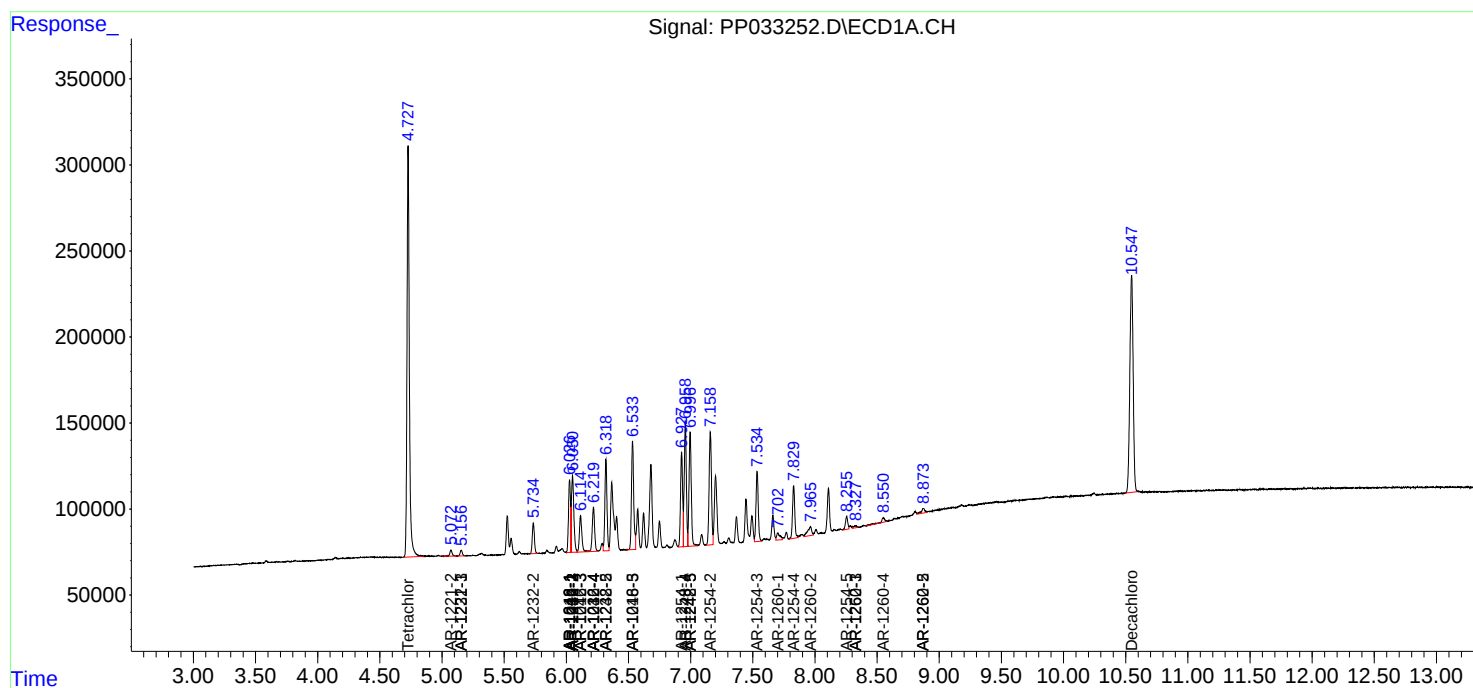
Instrument :  
ECD\_P  
ClientSampleId :

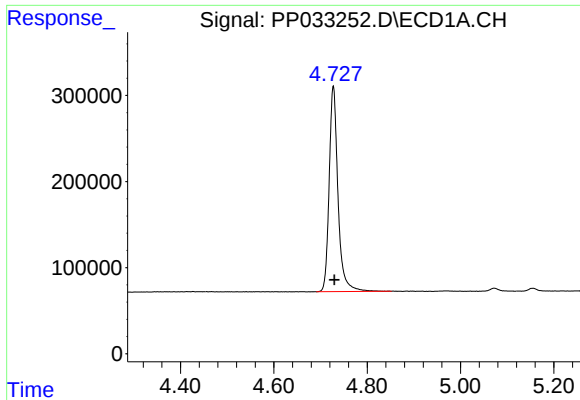
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP021021\  
Data File : PP033252.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Feb 2021 00:14  
Operator : DD\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 11 03:46:37 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP020821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Feb 09 04:00:57 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

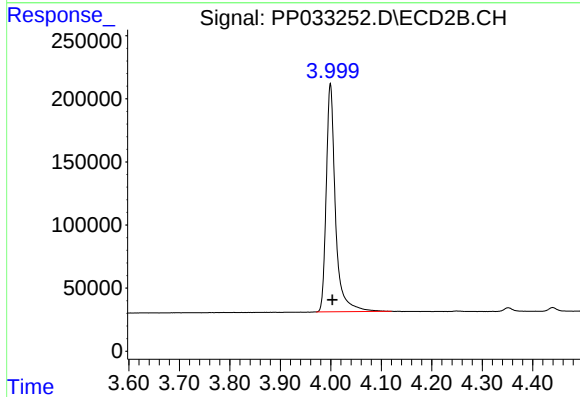




#1 Tetrachloro-m-xylene

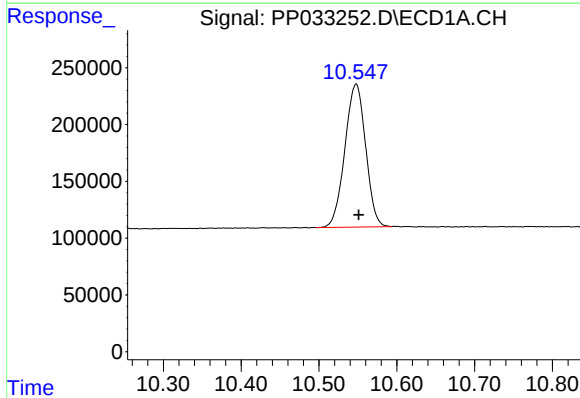
R.T.: 4.728 min  
Delta R.T.: -0.002 min  
Response: 3139195  
Conc: 51.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



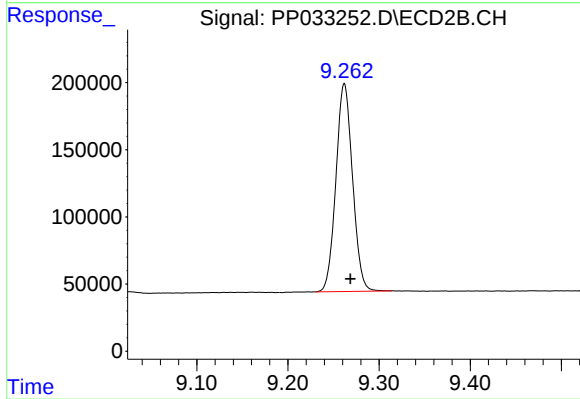
#1 Tetrachloro-m-xylene

R.T.: 3.999 min  
Delta R.T.: -0.004 min  
Response: 2297243  
Conc: 56.18 ng/ml



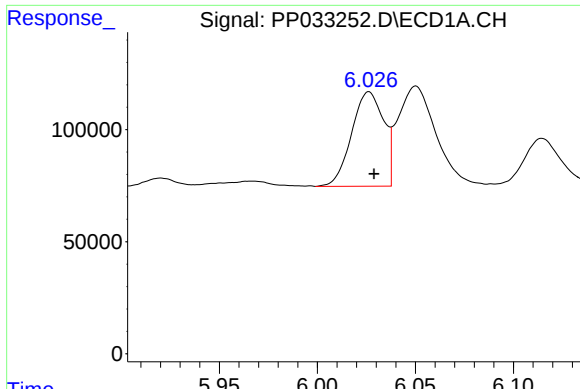
#2 Decachlorobiphenyl

R.T.: 10.548 min  
Delta R.T.: -0.003 min  
Response: 2332818  
Conc: 53.55 ng/ml



#2 Decachlorobiphenyl

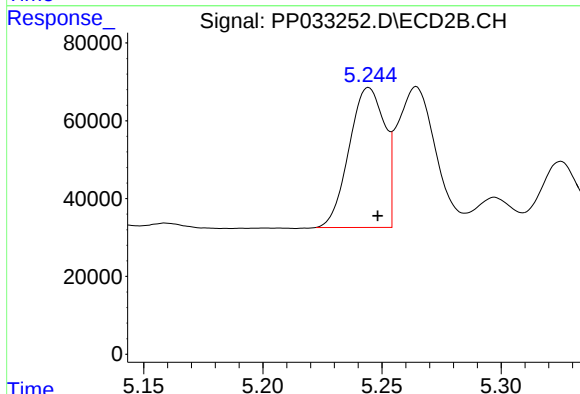
R.T.: 9.262 min  
Delta R.T.: -0.006 min  
Response: 1960519  
Conc: 58.52 ng/ml



#3 AR-1016-1

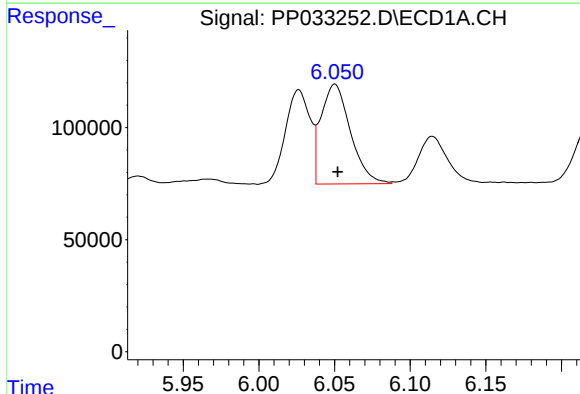
R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 478716  
Conc: 292.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



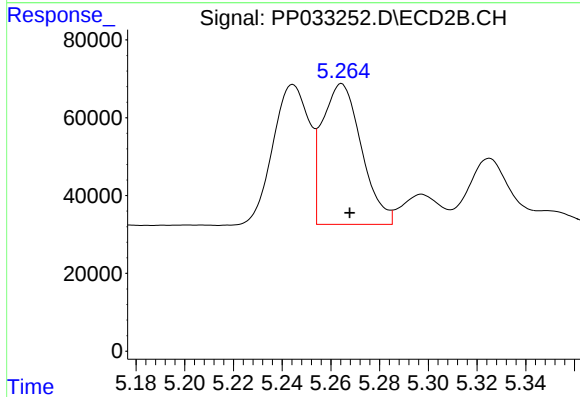
#3 AR-1016-1

R.T.: 5.244 min  
Delta R.T.: -0.004 min  
Response: 372089  
Conc: 339.02 ng/ml



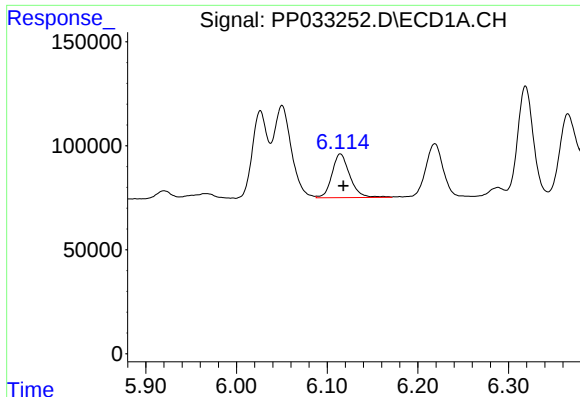
#4 AR-1016-2

R.T.: 6.050 min  
Delta R.T.: -0.002 min  
Response: 602495  
Conc: 240.59 ng/ml



#4 AR-1016-2

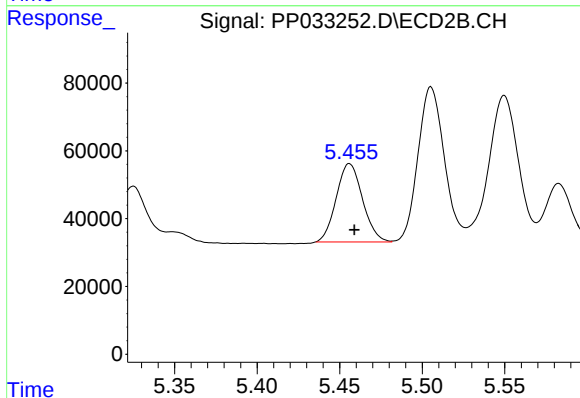
R.T.: 5.264 min  
Delta R.T.: -0.003 min  
Response: 403894  
Conc: 247.49 ng/ml



#5 AR-1016-3

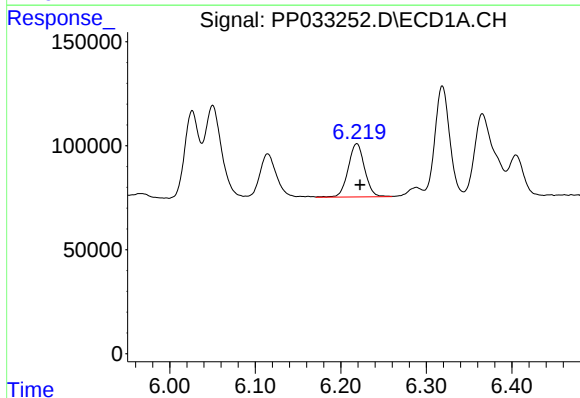
R.T.: 6.115 min  
Delta R.T.: -0.003 min  
Response: 287980  
Conc: 181.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



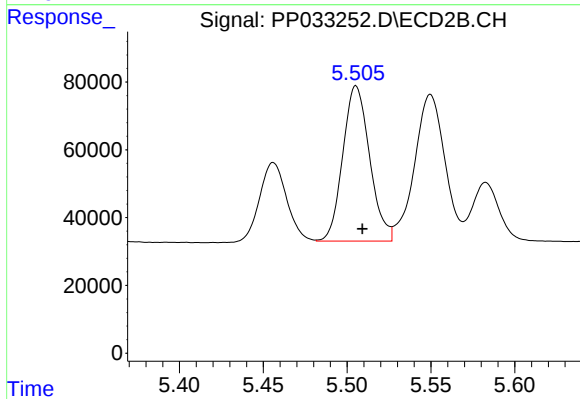
#5 AR-1016-3

R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 256812  
Conc: 288.10 ng/ml



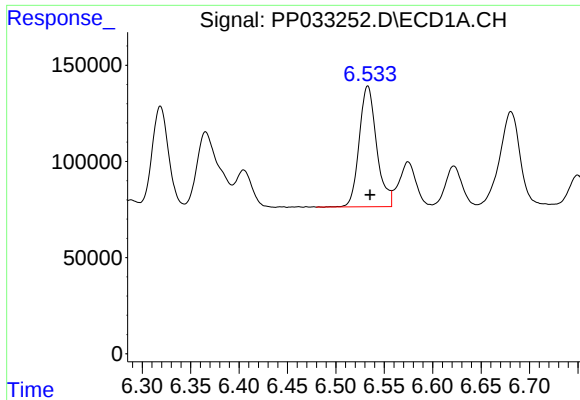
#6 AR-1016-4

R.T.: 6.219 min  
Delta R.T.: -0.004 min  
Response: 340802  
Conc: 257.14 ng/ml



#6 AR-1016-4

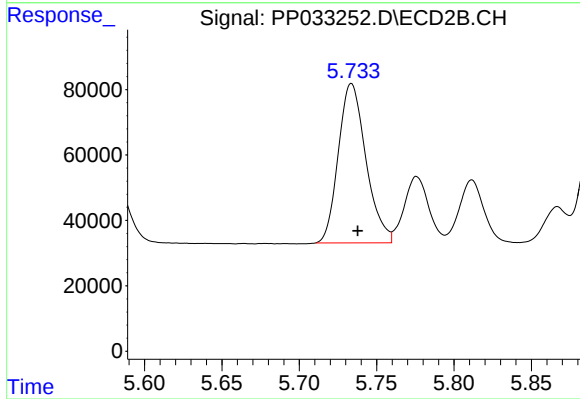
R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 510808  
Conc: 709.31 ng/ml



#7 AR-1016-5

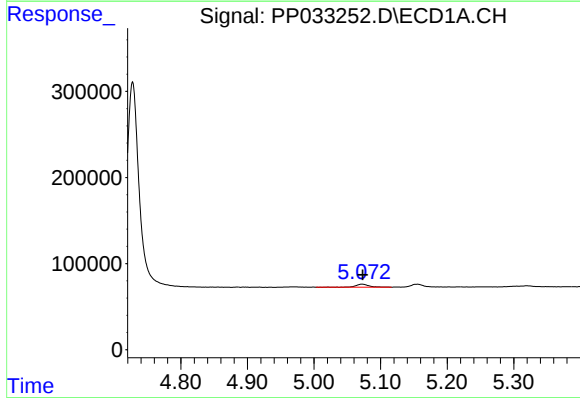
R.T.: 6.533 min  
Delta R.T.: -0.003 min  
Response: 785862  
Conc: 599.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



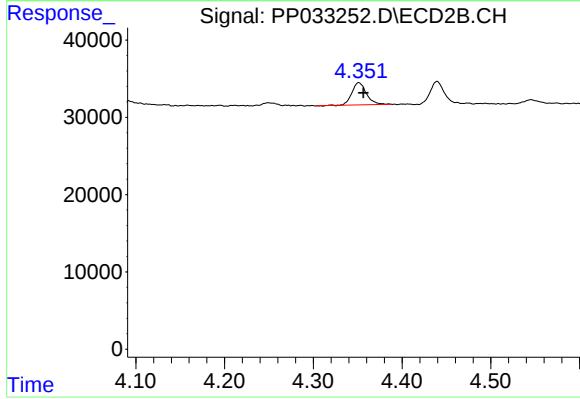
#7 AR-1016-5

R.T.: 5.734 min  
Delta R.T.: -0.004 min  
Response: 604949  
Conc: 642.84 ng/ml



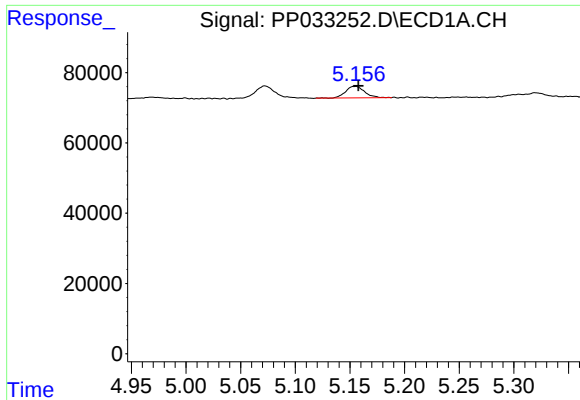
#9 AR-1221-2

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 45210  
Conc: 97.18 ng/ml



#9 AR-1221-2

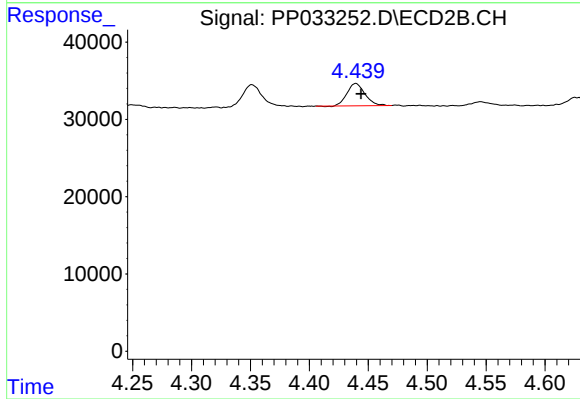
R.T.: 4.351 min  
Delta R.T.: -0.005 min  
Response: 32806  
Conc: 103.81 ng/ml



#10 AR-1221-3

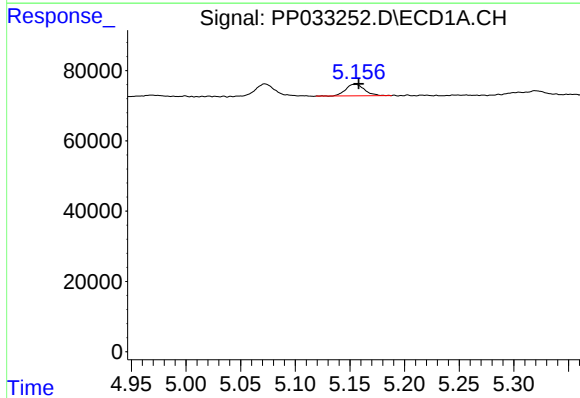
R.T.: 5.155 min  
Delta R.T.: -0.003 min  
Response: 40322  
Conc: 28.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



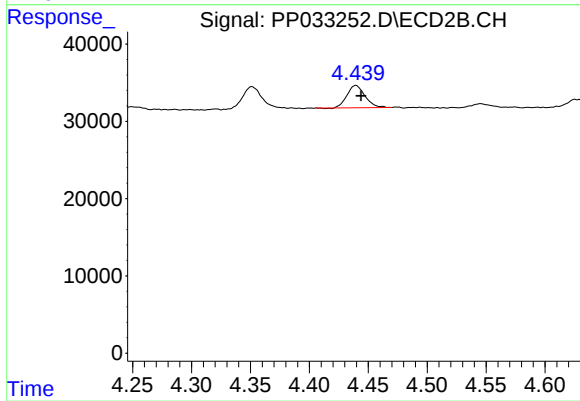
#10 AR-1221-3

R.T.: 4.439 min  
Delta R.T.: -0.004 min  
Response: 30705  
Conc: 31.18 ng/ml



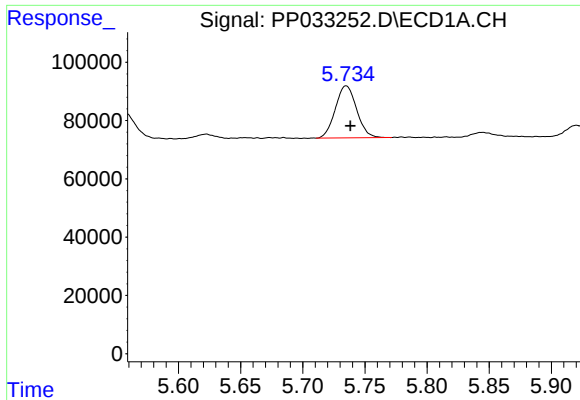
#11 AR-1232-1

R.T.: 5.155 min  
Delta R.T.: -0.003 min  
Response: 40322  
Conc: 34.77 ng/ml



#11 AR-1232-1

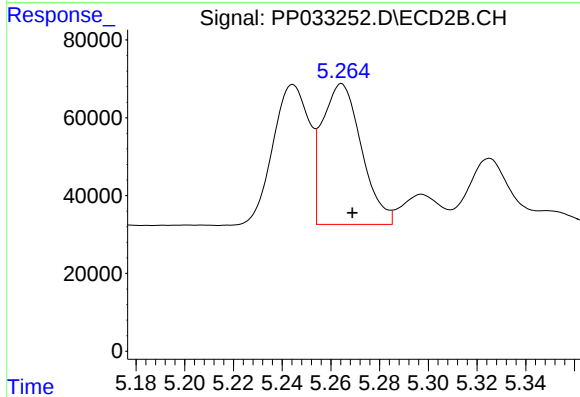
R.T.: 4.439 min  
Delta R.T.: -0.004 min  
Response: 30705  
Conc: 38.74 ng/ml



#12 AR-1232-2

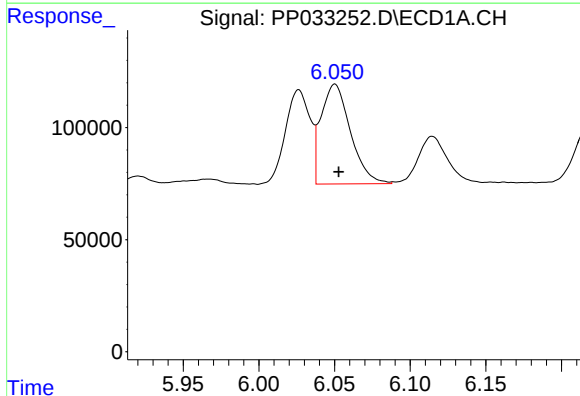
R.T.: 5.735 min  
Delta R.T.: -0.003 min  
Response: 212664  
Conc: 333.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



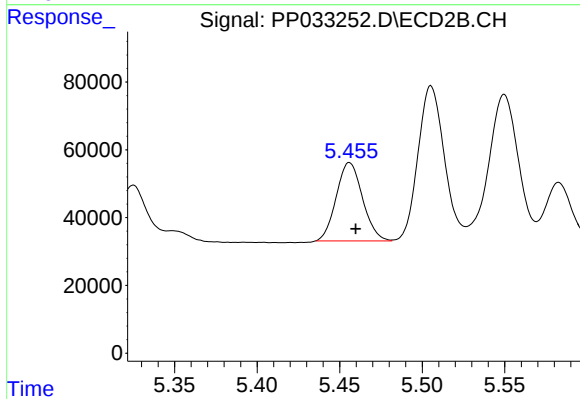
#12 AR-1232-2

R.T.: 5.264 min  
Delta R.T.: -0.004 min  
Response: 403894  
Conc: 546.31 ng/ml



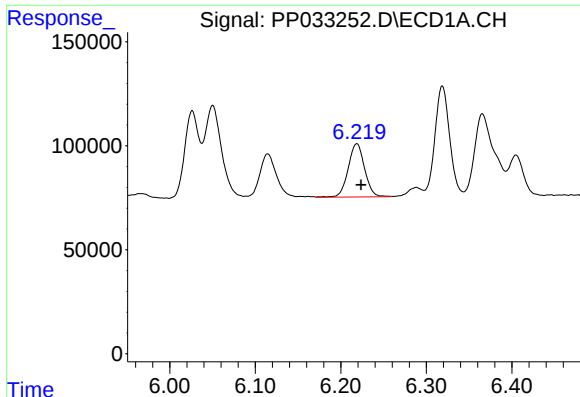
#13 AR-1232-3

R.T.: 6.050 min  
Delta R.T.: -0.003 min  
Response: 602495  
Conc: 549.19 ng/ml



#13 AR-1232-3

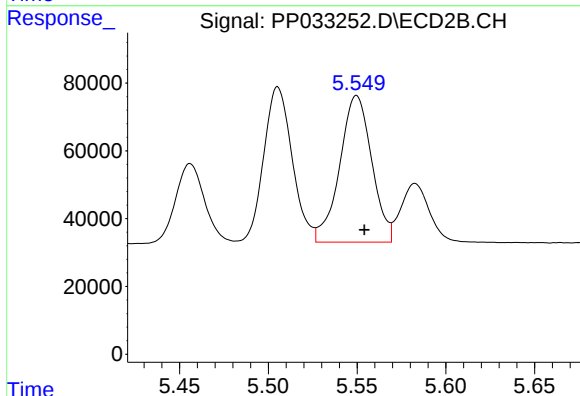
R.T.: 5.456 min  
Delta R.T.: -0.004 min  
Response: 256812  
Conc: 647.50 ng/ml



#14 AR-1232-4

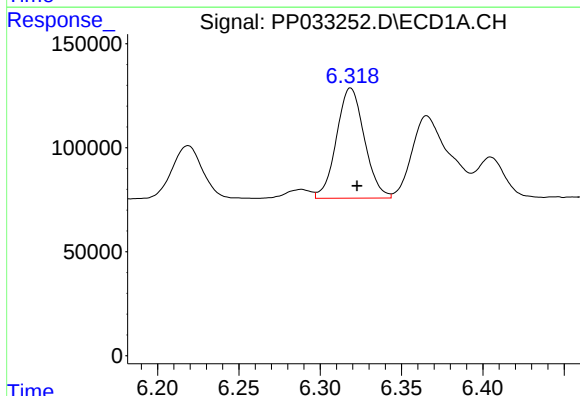
R.T.: 6.219 min  
Delta R.T.: -0.005 min  
Response: 340802  
Conc: 593.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



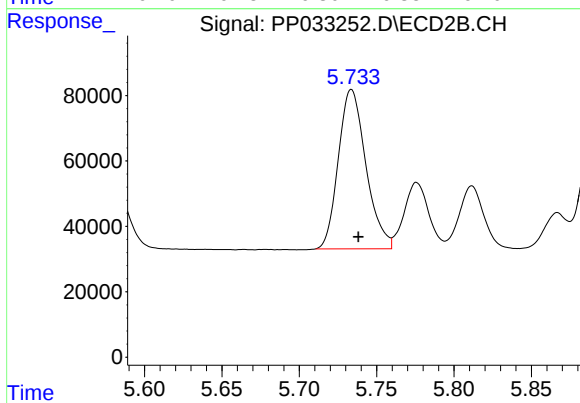
#14 AR-1232-4

R.T.: 5.550 min  
Delta R.T.: -0.004 min  
Response: 544155  
Conc: 1552.29 ng/ml



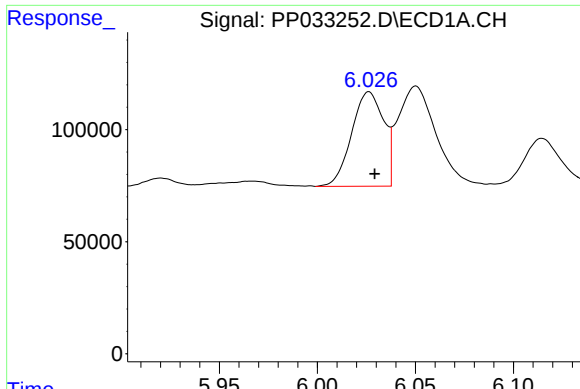
#15 AR-1232-5

R.T.: 6.319 min  
Delta R.T.: -0.004 min  
Response: 634336  
Conc: 1735.93 ng/ml



#15 AR-1232-5

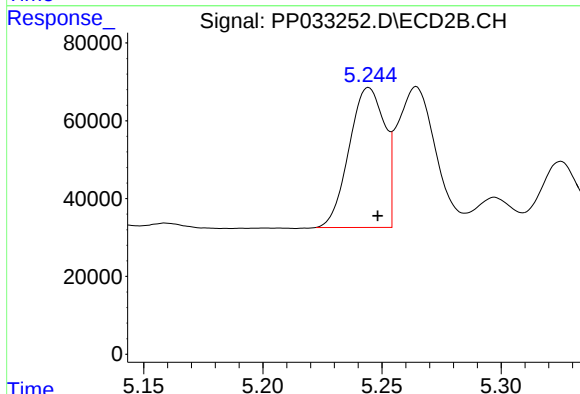
R.T.: 5.734 min  
Delta R.T.: -0.005 min  
Response: 604949  
Conc: 1591.77 ng/ml



#16 AR-1242-1

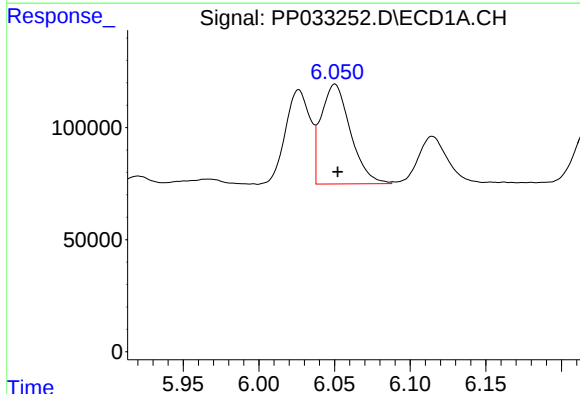
R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 478716  
Conc: 368.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



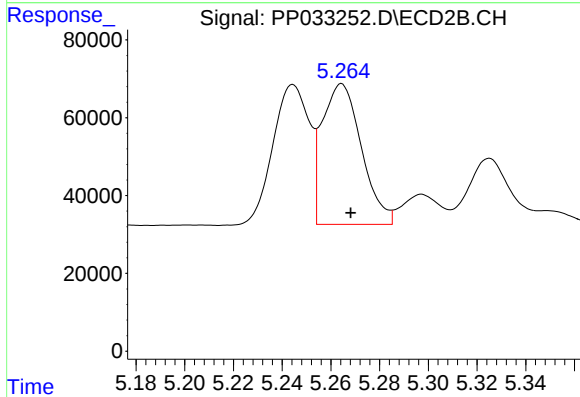
#16 AR-1242-1

R.T.: 5.244 min  
Delta R.T.: -0.004 min  
Response: 372089  
Conc: 429.90 ng/ml



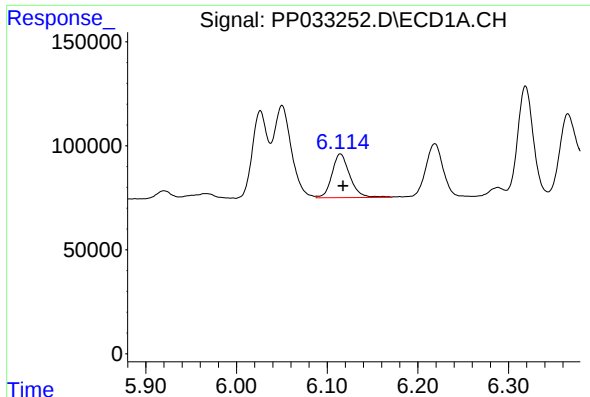
#17 AR-1242-2

R.T.: 6.050 min  
Delta R.T.: -0.002 min  
Response: 602495  
Conc: 305.79 ng/ml



#17 AR-1242-2

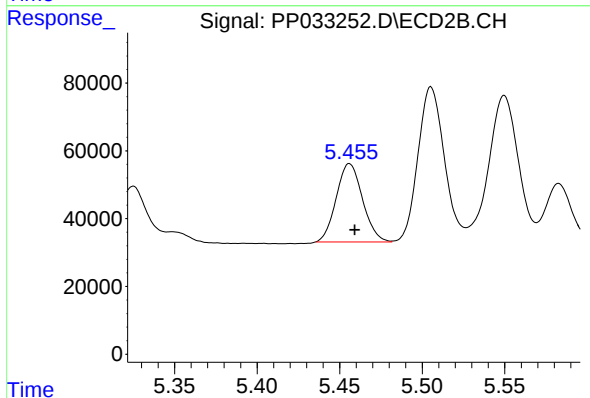
R.T.: 5.264 min  
Delta R.T.: -0.004 min  
Response: 403894  
Conc: 314.71 ng/ml



#18 AR-1242-3

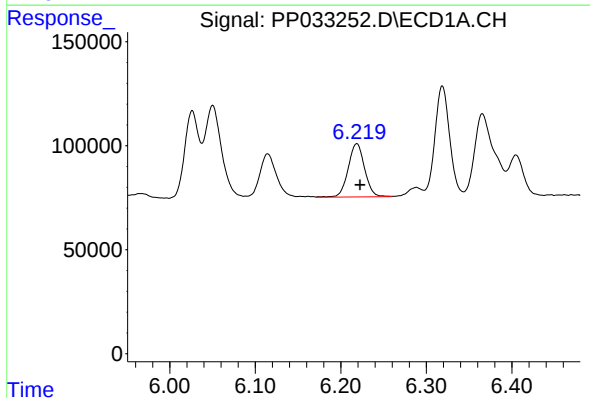
R.T.: 6.115 min  
Delta R.T.: -0.003 min  
Response: 287980  
Conc: 227.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



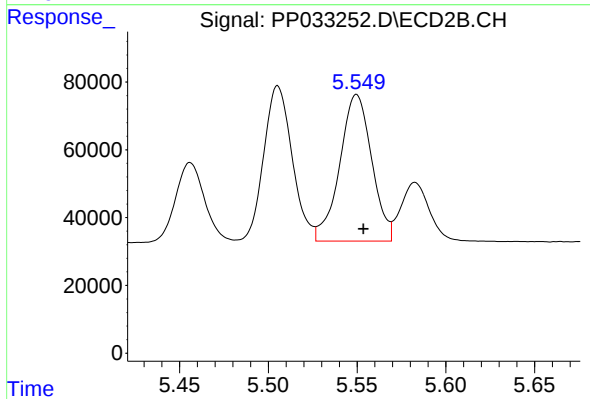
#18 AR-1242-3

R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 256812  
Conc: 365.36 ng/ml



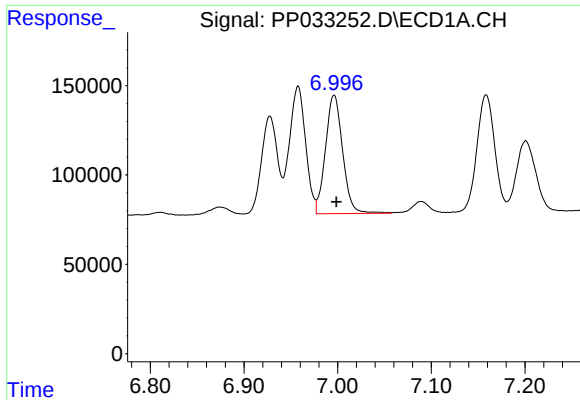
#19 AR-1242-4

R.T.: 6.219 min  
Delta R.T.: -0.004 min  
Response: 340802  
Conc: 310.49 ng/ml



#19 AR-1242-4

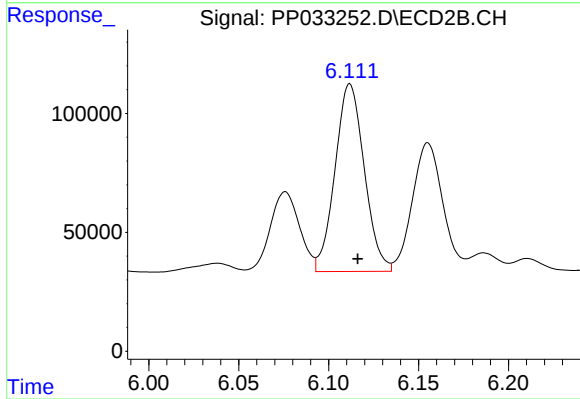
R.T.: 5.550 min  
Delta R.T.: -0.004 min  
Response: 544155  
Conc: 781.26 ng/ml



#20 AR-1242-5

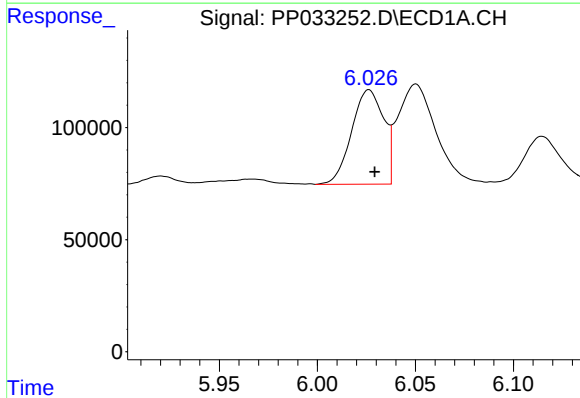
R.T.: 6.996 min  
Delta R.T.: -0.002 min  
Response: 843592  
Conc: 811.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



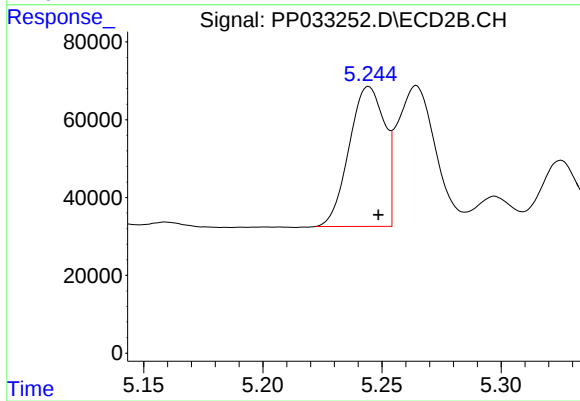
#20 AR-1242-5

R.T.: 6.112 min  
Delta R.T.: -0.004 min  
Response: 892395  
Conc: 1056.88 ng/ml



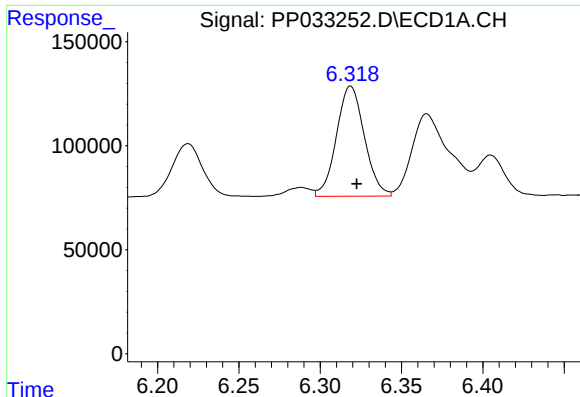
#21 AR-1248-1

R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 478716  
Conc: 499.98 ng/ml



#21 AR-1248-1

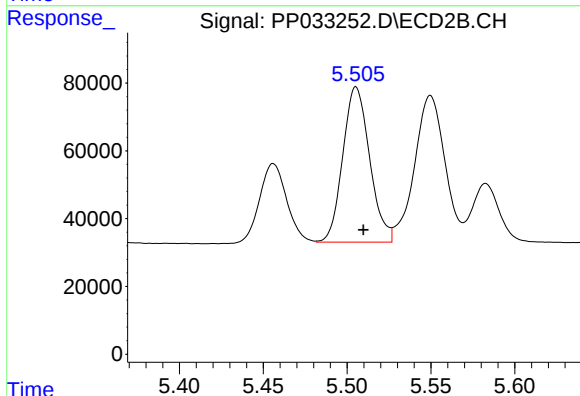
R.T.: 5.244 min  
Delta R.T.: -0.004 min  
Response: 372089  
Conc: 572.15 ng/ml



#22 AR-1248-2

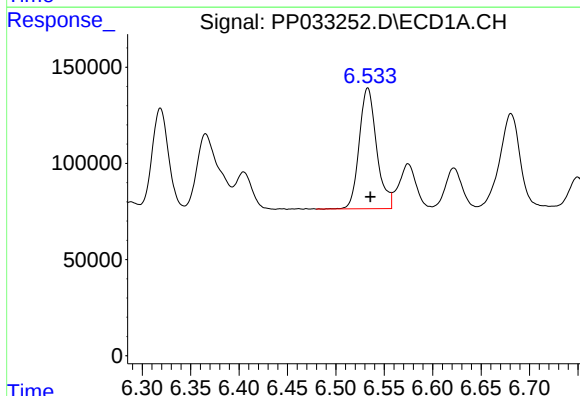
R.T.: 6.319 min  
Delta R.T.: -0.004 min  
Response: 634336  
Conc: 478.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



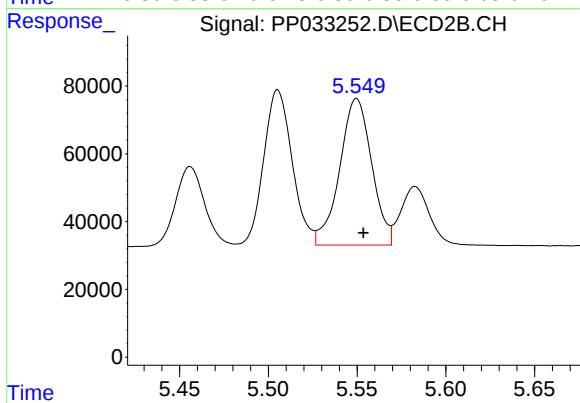
#22 AR-1248-2

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 510808  
Conc: 532.45 ng/ml



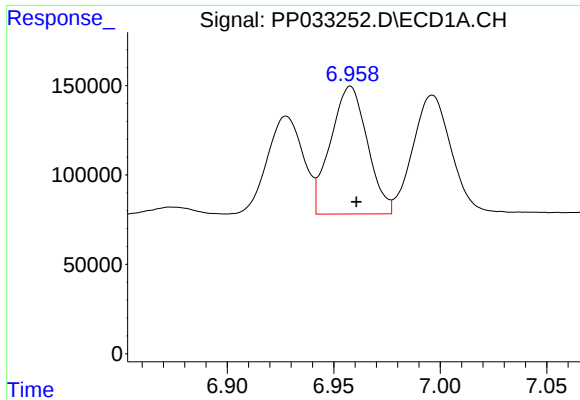
#23 AR-1248-3

R.T.: 6.533 min  
Delta R.T.: -0.003 min  
Response: 785862  
Conc: 485.32 ng/ml



#23 AR-1248-3

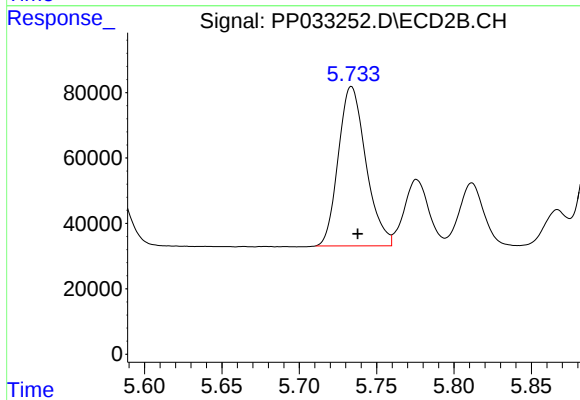
R.T.: 5.550 min  
Delta R.T.: -0.004 min  
Response: 544155  
Conc: 535.19 ng/ml



#24 AR-1248-4

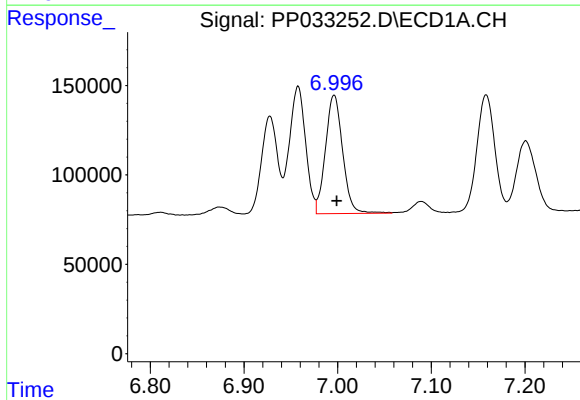
R.T.: 6.958 min  
Delta R.T.: -0.003 min  
Response: 860866  
Conc: 500.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



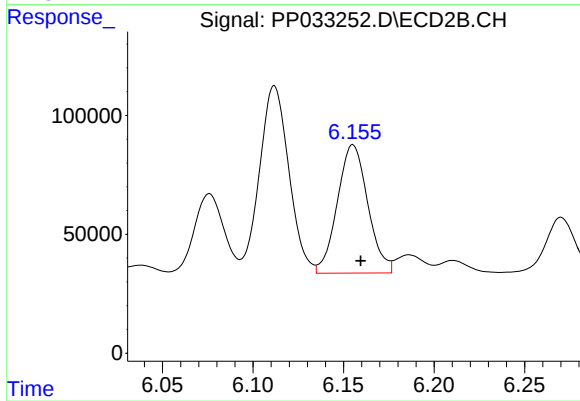
#24 AR-1248-4

R.T.: 5.734 min  
Delta R.T.: -0.004 min  
Response: 604949  
Conc: 488.15 ng/ml



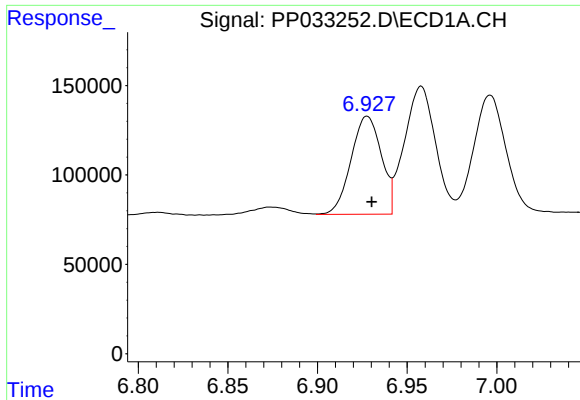
#25 AR-1248-5

R.T.: 6.996 min  
Delta R.T.: -0.003 min  
Response: 843592  
Conc: 484.82 ng/ml



#25 AR-1248-5

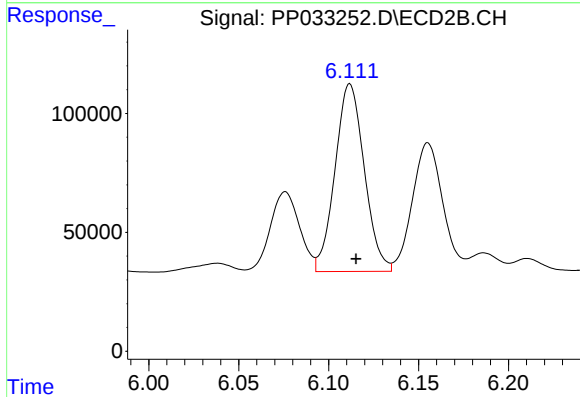
R.T.: 6.155 min  
Delta R.T.: -0.004 min  
Response: 633402  
Conc: 560.86 ng/ml



#26 AR-1254-1

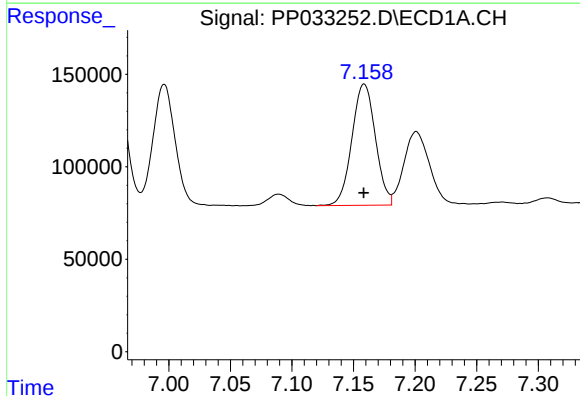
R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 645624  
Conc: 343.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



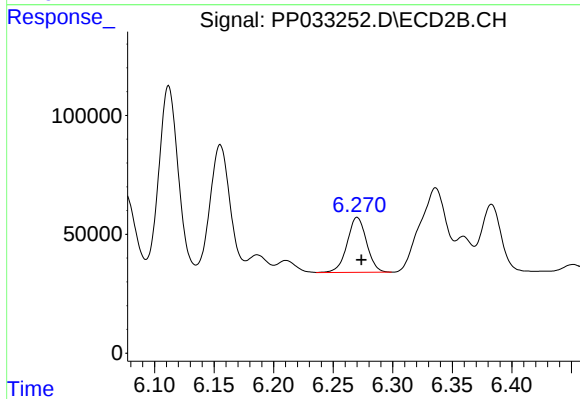
#26 AR-1254-1

R.T.: 6.112 min  
Delta R.T.: -0.003 min  
Response: 892395  
Conc: 466.94 ng/ml



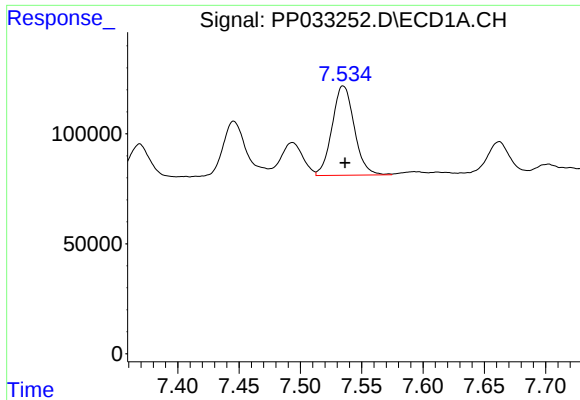
#27 AR-1254-2

R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 870795  
Conc: 297.02 ng/ml



#27 AR-1254-2

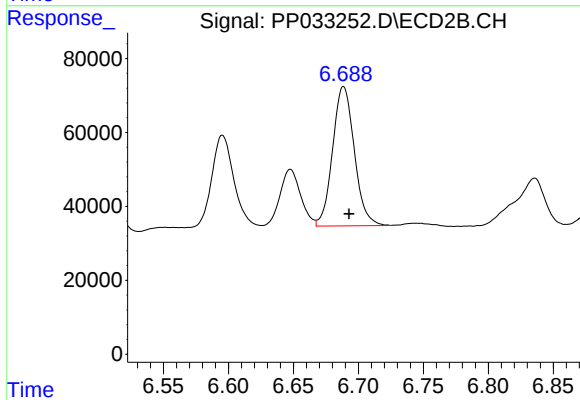
R.T.: 6.270 min  
Delta R.T.: -0.004 min  
Response: 262942  
Conc: 160.37 ng/ml



#28 AR-1254-3

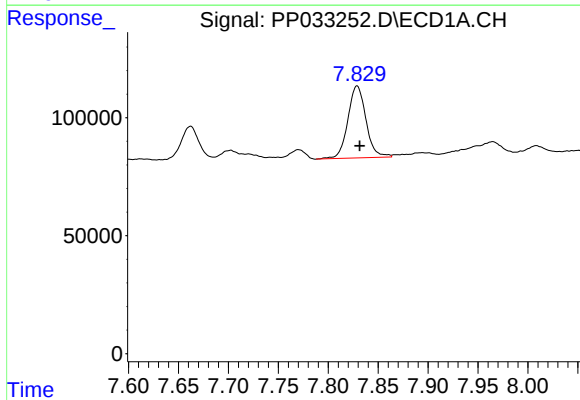
R.T.: 7.535 min  
Delta R.T.: -0.002 min  
Response: 512178  
Conc: 168.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



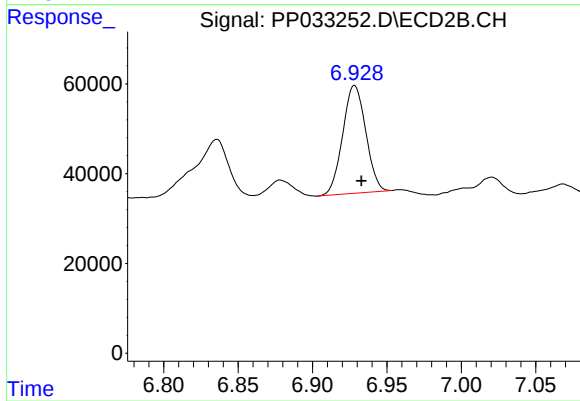
#28 AR-1254-3

R.T.: 6.689 min  
Delta R.T.: -0.004 min  
Response: 438725  
Conc: 163.24 ng/ml



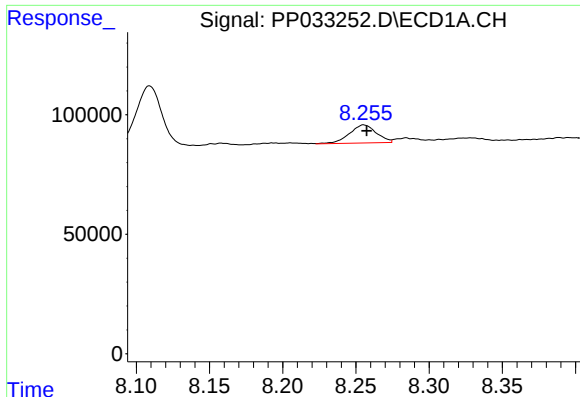
#29 AR-1254-4

R.T.: 7.829 min  
Delta R.T.: -0.003 min  
Response: 384644  
Conc: 166.28 ng/ml



#29 AR-1254-4

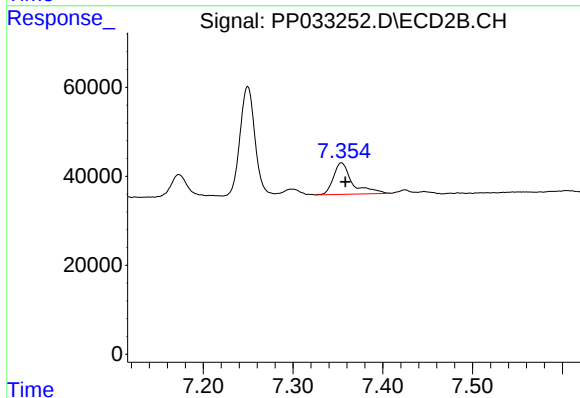
R.T.: 6.928 min  
Delta R.T.: -0.005 min  
Response: 258638  
Conc: 173.22 ng/ml



#30 AR-1254-5

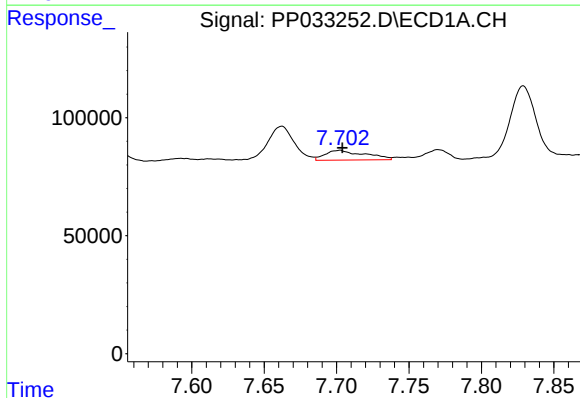
R.T.: 8.256 min  
Delta R.T.: -0.002 min  
Response: 97517  
Conc: 40.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



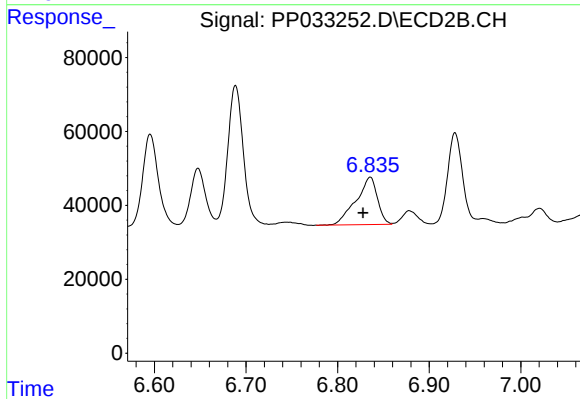
#30 AR-1254-5

R.T.: 7.354 min  
Delta R.T.: -0.004 min  
Response: 103768  
Conc: 42.86 ng/ml



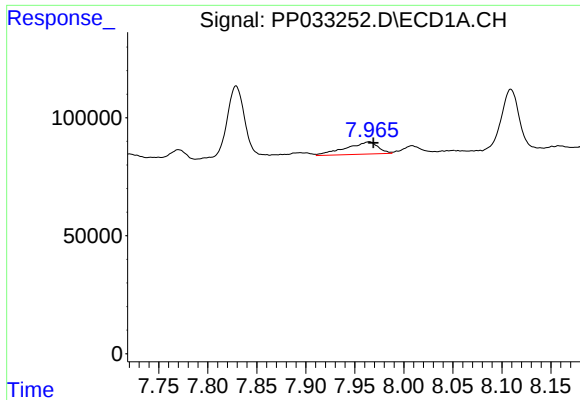
#31 AR-1260-1

R.T.: 7.702 min  
Delta R.T.: -0.002 min  
Response: 79265  
Conc: 36.21 ng/ml



#31 AR-1260-1

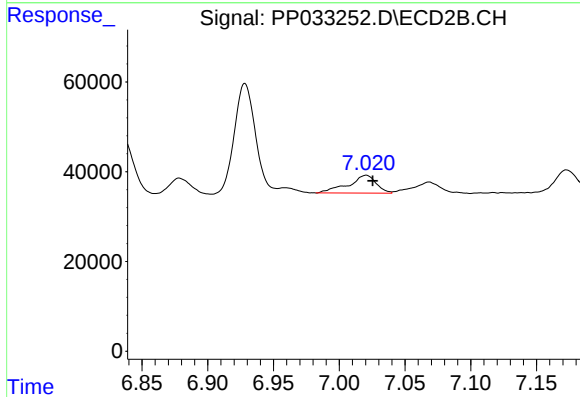
R.T.: 6.836 min  
Delta R.T.: 0.008 min  
Response: 209000  
Conc: 121.85 ng/ml



#32 AR-1260-2

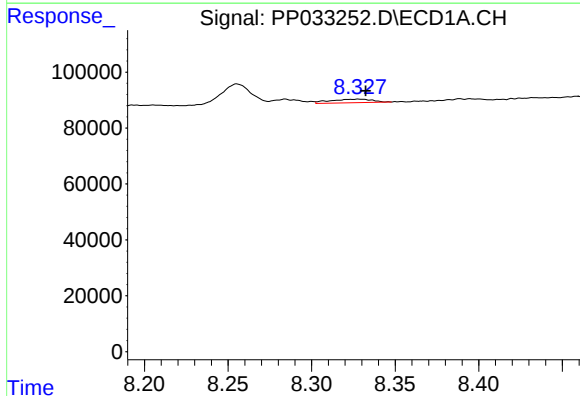
R.T.: 7.965 min  
Delta R.T.: -0.004 min  
Response: 119309  
Conc: 40.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



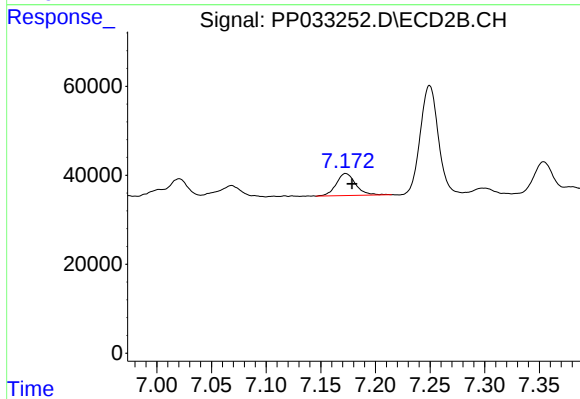
#32 AR-1260-2

R.T.: 7.020 min  
Delta R.T.: -0.005 min  
Response: 59114  
Conc: 29.26 ng/ml



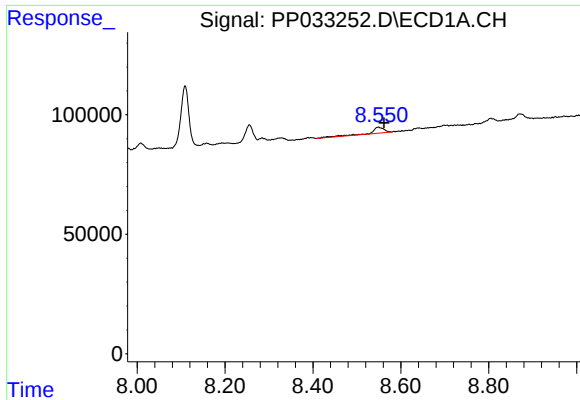
#33 AR-1260-3

R.T.: 8.328 min  
Delta R.T.: -0.004 min  
Response: 22139  
Conc: 8.65 ng/ml



#33 AR-1260-3

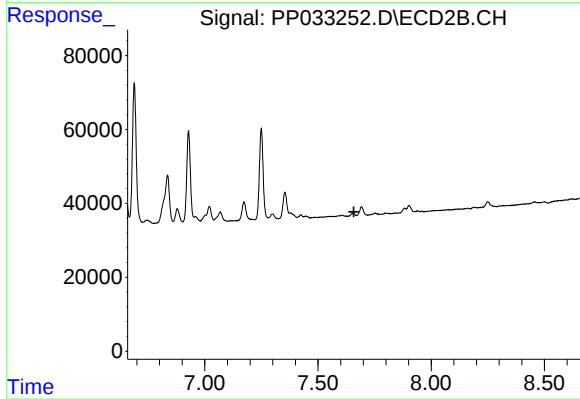
R.T.: 7.173 min  
Delta R.T.: -0.006 min  
Response: 61943  
Conc: 31.22 ng/ml



#34 AR-1260-4

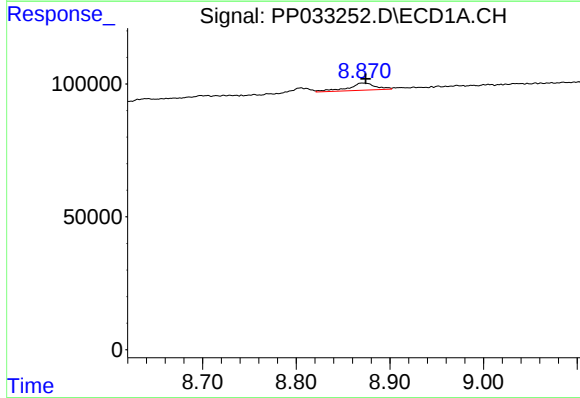
R.T.: 8.549 min  
Delta R.T.: -0.013 min  
Response: 51844  
Conc: 21.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



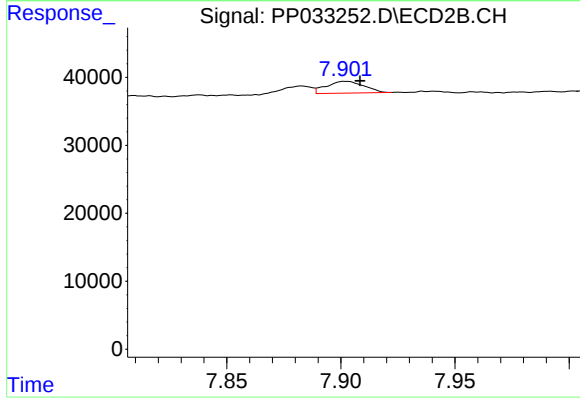
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.659 min  
Response: 0  
Conc: N.D.



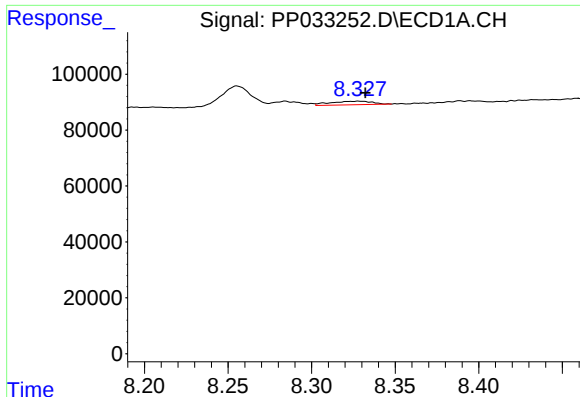
#35 AR-1260-5

R.T.: 8.871 min  
Delta R.T.: -0.003 min  
Response: 55428  
Conc: 10.30 ng/ml



#35 AR-1260-5

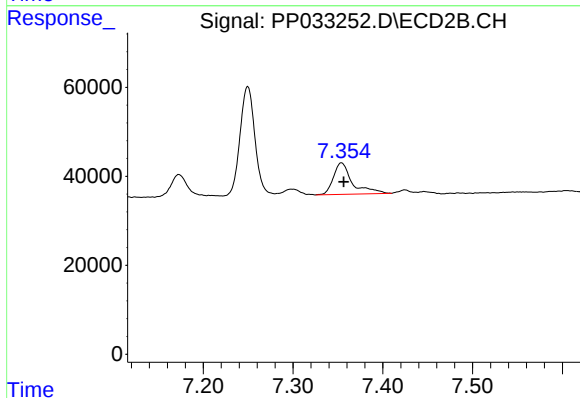
R.T.: 7.902 min  
Delta R.T.: -0.006 min  
Response: 19873  
Conc: 5.16 ng/ml



#36 AR-1262-1

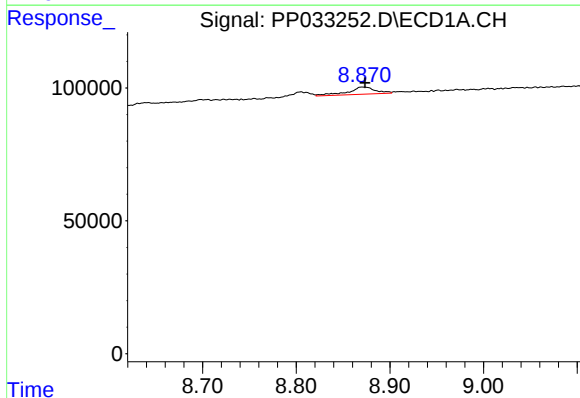
R.T.: 8.328 min  
Delta R.T.: -0.004 min  
Response: 22139  
Conc: 5.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



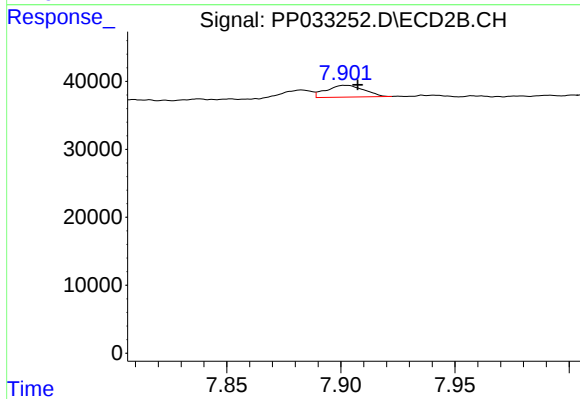
#36 AR-1262-1

R.T.: 7.354 min  
Delta R.T.: -0.003 min  
Response: 103768  
Conc: 83.32 ng/ml



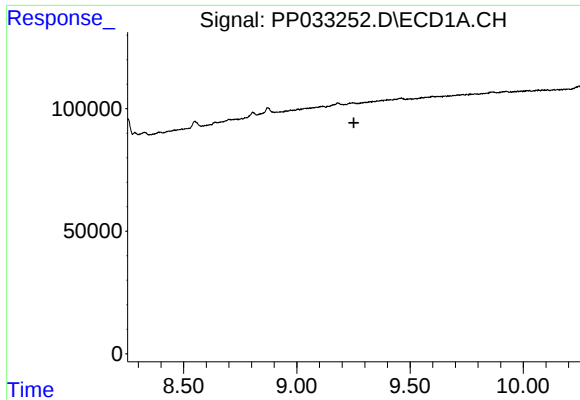
#37 AR-1262-2

R.T.: 8.871 min  
Delta R.T.: -0.002 min  
Response: 55428  
Conc: 8.85 ng/ml



#37 AR-1262-2

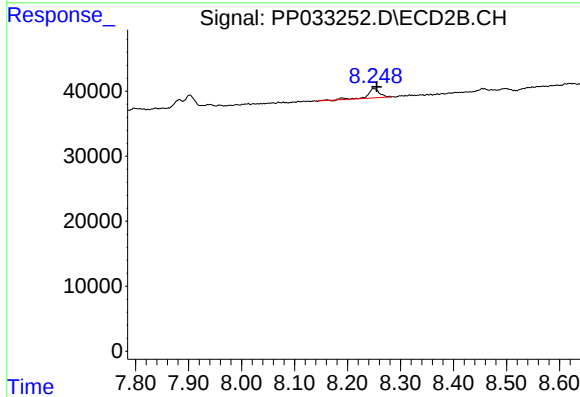
R.T.: 7.902 min  
Delta R.T.: -0.005 min  
Response: 19873  
Conc: 4.52 ng/ml



#39 AR-1262-4

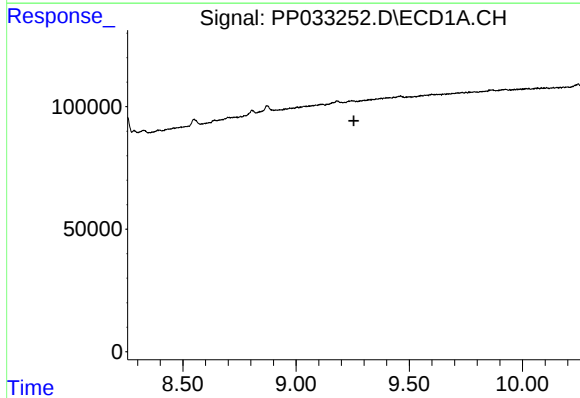
R.T.: 0.000 min  
Exp R.T. : 9.252 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



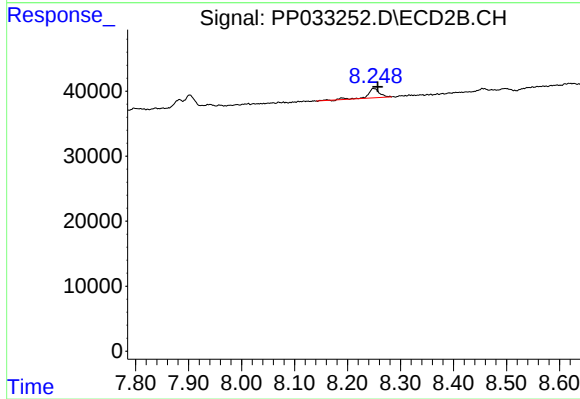
#39 AR-1262-4

R.T.: 8.249 min  
Delta R.T.: -0.006 min  
Response: 23255  
Conc: 6.82 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.255 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.249 min  
Delta R.T.: -0.008 min  
Response: 23255  
Conc: 4.73 ng/ml