

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP121420\  
 Data File : PP032090.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Dec 2020 9:50  
 Operator : DD\AJ  
 Sample : AR1262CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 15 01:09:24 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP121120.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Dec 12 05:15:55 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

|                             | Compound        | RT#1   | RT#2   | Resp#1  | Resp#2  | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|---------|---------|---------|-----------|
| -----                       |                 |        |        |         |         |         |           |
| System Monitoring Compounds |                 |        |        |         |         |         |           |
| 1)                          | SA Tetrachlo... | 4.782  | 4.052  | 2486572 | 2158118 | 48.271  | 45.630    |
| 2)                          | SA Decachlor... | 10.646 | 9.345  | 1716829 | 1796844 | 54.747  | 53.579    |
| Target Compounds            |                 |        |        |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.302  | 0       | 15762   | N.D.    | 12.058 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.324  | 0       | 20787   | N.D.    | 10.499 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.404  | 0       | 26750   | N.D.    | 74.334 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.324  | 0       | 20787   | N.D.    | 24.226 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.302  | 0       | 15762   | N.D.    | 15.217 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.324  | 0       | 20787   | N.D.    | 13.448 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.173  | 0       | 114318  | N.D.    | 128.544 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.302  | 0       | 15762   | N.D.    | 20.144 #  |
| 24)                         | L5 AR-1248-4    | 6.990f | 0.000  | 93756   | 0       | 65.537  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.990  | 6.173  | 93756   | 114318  | 60.362  | 55.306    |
| 27)                         | L6 AR-1254-2    | 7.218  | 6.332  | 134273  | 123964  | 58.372  | 69.148    |
| 28)                         | L6 AR-1254-3    | 7.597  | 6.769f | 57023   | 499865  | 23.419  | 174.900 # |
| 29)                         | L6 AR-1254-4    | 7.890  | 6.992  | 43129   | 17838   | 28.020  | 12.908 #  |
| 30)                         | L6 AR-1254-5    | 8.316  | 7.419  | 731453  | 612950  | 426.786 | 257.649 # |
| 31)                         | L7 AR-1260-1    | 7.765  | 6.888  | 660792  | 691844  | 381.279 | 364.925   |
| 32)                         | L7 AR-1260-2    | 8.030  | 7.085  | 806646  | 801334  | 392.606 | 368.366   |
| 33)                         | L7 AR-1260-3    | 8.395  | 7.241  | 1208979 | 823673  | 692.841 | 387.671 # |
| 34)                         | L7 AR-1260-4    | 8.623  | 7.722  | 1034480 | 1080591 | 574.071 | 608.234   |
| 35)                         | L7 AR-1260-5    | 8.938  | 7.969  | 2057613 | 2084269 | 572.369 | 544.838   |
| 36)                         | L8 AR-1262-1    | 8.395  | 7.459  | 1208979 | 1198865 | 448.050 | 446.094   |
| 37)                         | L8 AR-1262-2    | 8.938  | 7.969  | 2057613 | 2084269 | 507.399 | 499.862   |
| 38)                         | L8 AR-1262-3    | 9.235  | 8.255  | 1428513 | 878685  | 498.523 | 485.002   |
| 39)                         | L8 AR-1262-4    | 9.322  | 8.319  | 1155264 | 1635514 | 473.898 | 486.132   |
| 40)                         | L8 AR-1262-5    | 9.947  | 8.816  | 741324  | 750847  | 546.859 | 573.112   |
| 41)                         | L9 AR-1268-1    | 9.235  | 8.255  | 1428513 | 878685  | 274.912 | 174.354 # |
| 42)                         | L9 AR-1268-2    | 9.322  | 8.319  | 1155264 | 1635514 | 237.341 | 319.882 # |
| 43)                         | L9 AR-1268-3    | 9.538  | 8.525  | 64971   | 61698   | 15.035  | 13.994    |
| 44)                         | L9 AR-1268-4    | 9.947  | 8.816  | 741324  | 750847  | 533.598 | 513.781   |
| 45)                         | L9 AR-1268-5    | 10.334 | 9.100  | 292001  | 282125  | 24.243  | 22.310    |
| -----                       |                 |        |        |         |         |         |           |

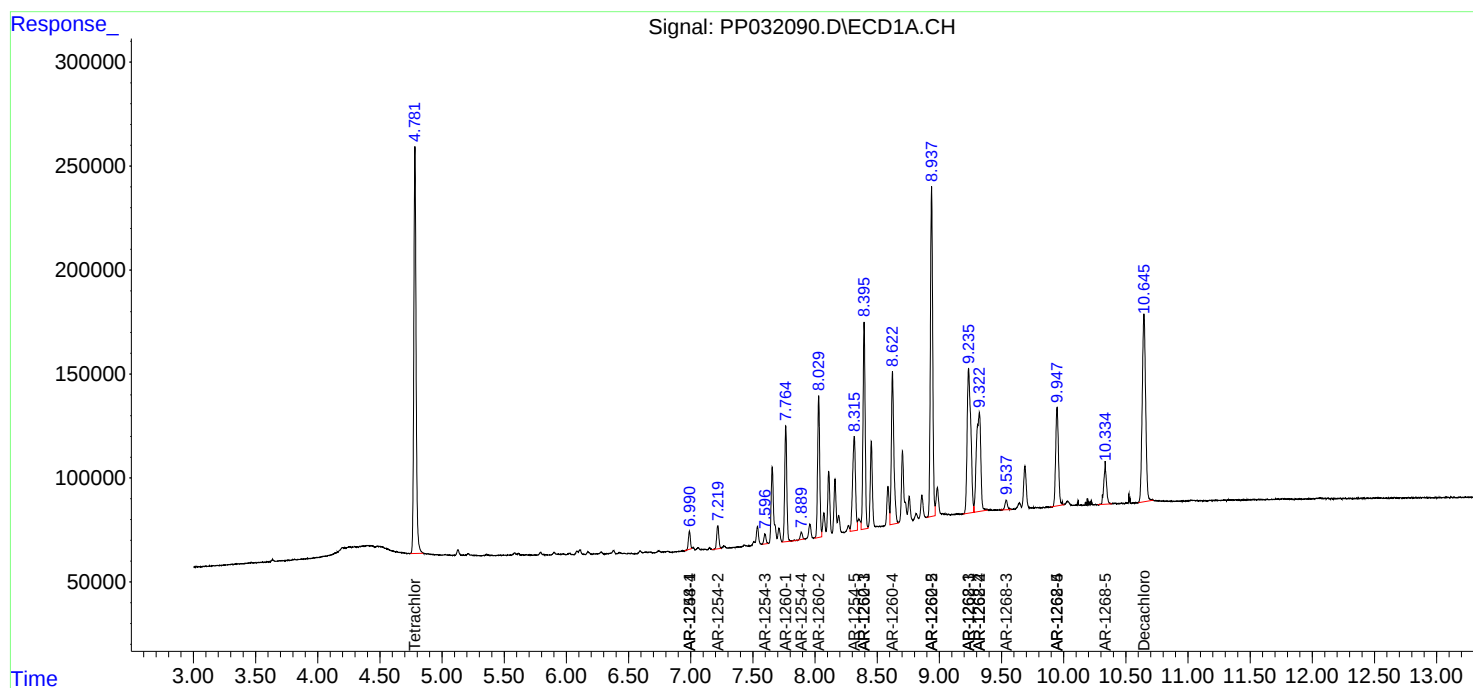
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

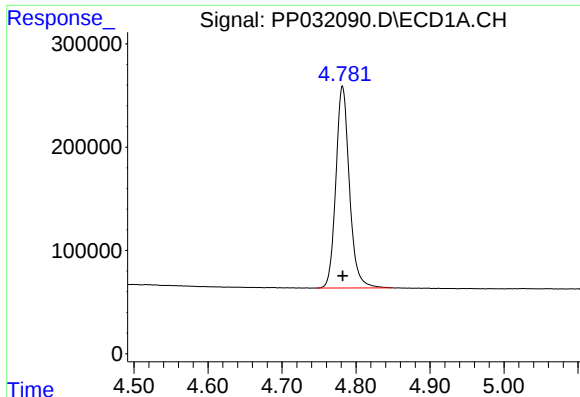
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP121420\  
Data File : PP032090.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 14 Dec 2020 9:50  
Operator : DD\AJ  
Sample : AR1262CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 15 01:09:24 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP121120.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Dec 12 05:15:55 2020  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

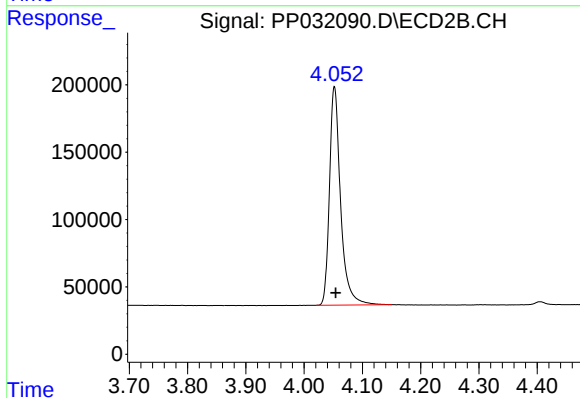




#1 Tetrachloro-m-xylene

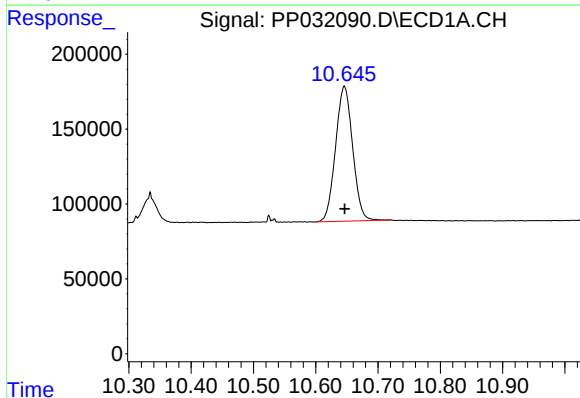
R.T.: 4.782 min  
Delta R.T.: 0.000 min  
Response: 2486572  
Conc: 48.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



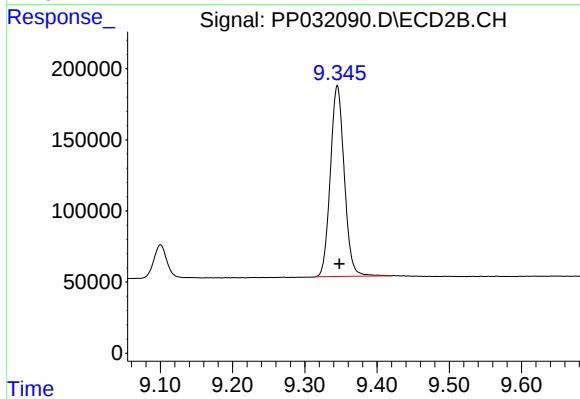
#1 Tetrachloro-m-xylene

R.T.: 4.052 min  
Delta R.T.: -0.002 min  
Response: 2158118  
Conc: 45.63 ng/ml



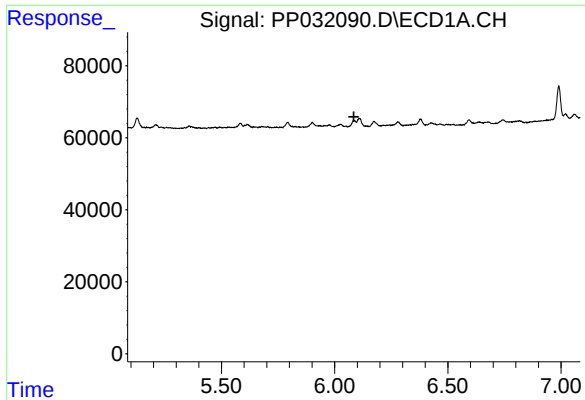
#2 Decachlorobiphenyl

R.T.: 10.646 min  
Delta R.T.: 0.000 min  
Response: 1716829  
Conc: 54.75 ng/ml



#2 Decachlorobiphenyl

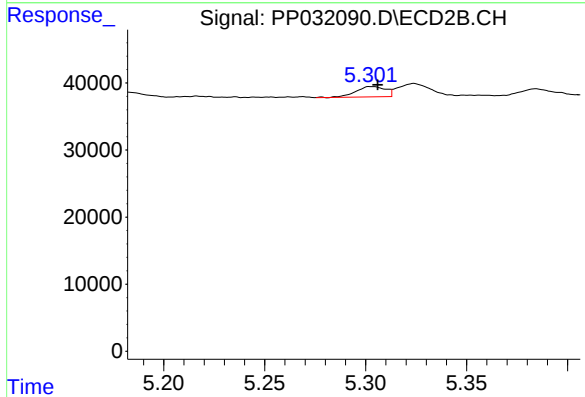
R.T.: 9.345 min  
Delta R.T.: -0.003 min  
Response: 1796844  
Conc: 53.58 ng/ml



#3 AR-1016-1

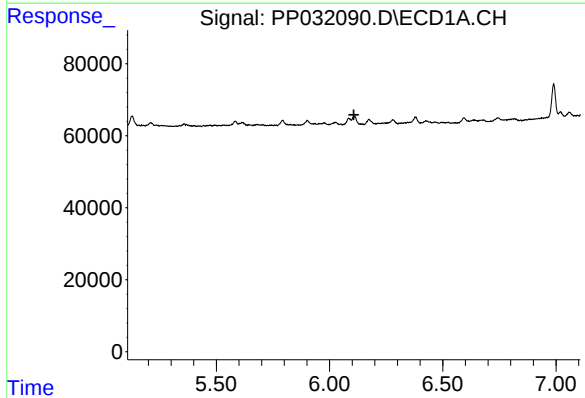
R.T.: 0.000 min  
Exp R.T.: 6.085 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



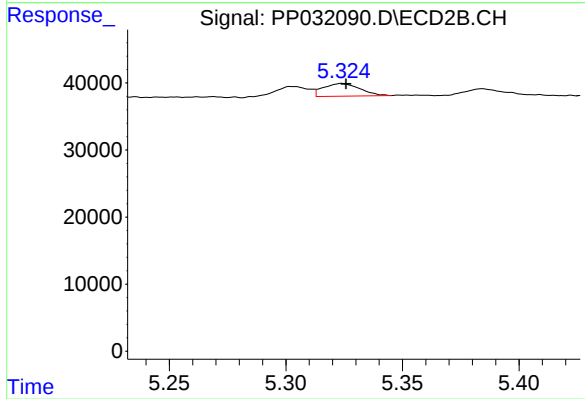
#3 AR-1016-1

R.T.: 5.302 min  
Delta R.T.: -0.004 min  
Response: 15762  
Conc: 12.06 ng/ml



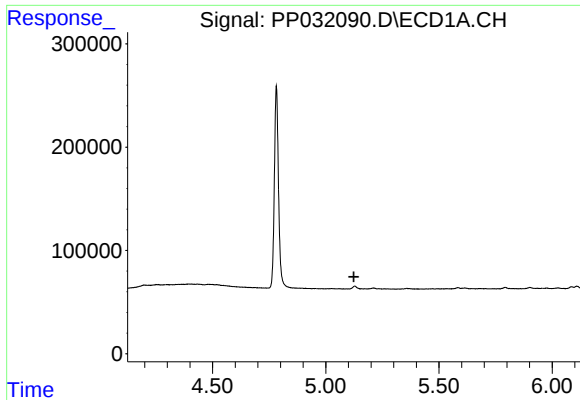
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 6.108 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

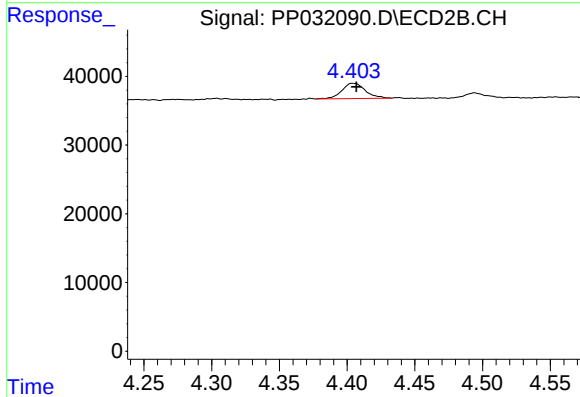
R.T.: 5.324 min  
Delta R.T.: -0.002 min  
Response: 20787  
Conc: 10.50 ng/ml



#9 AR-1221-2

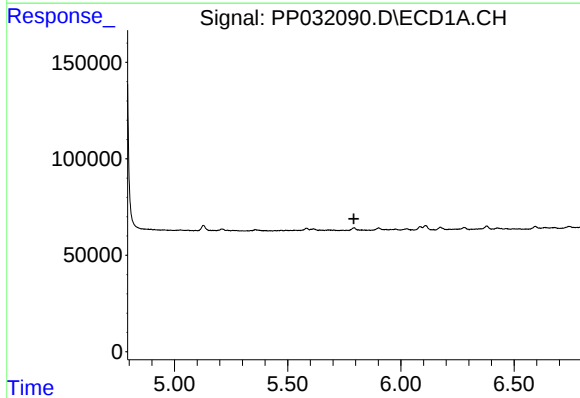
R.T.: 0.000 min  
Exp R.T. : 5.124 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



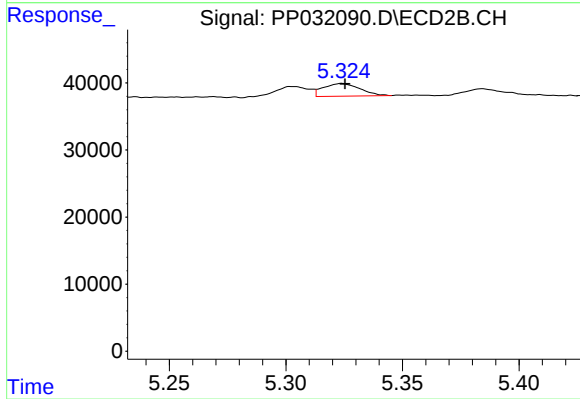
#9 AR-1221-2

R.T.: 4.404 min  
Delta R.T.: -0.003 min  
Response: 26750  
Conc: 74.33 ng/ml



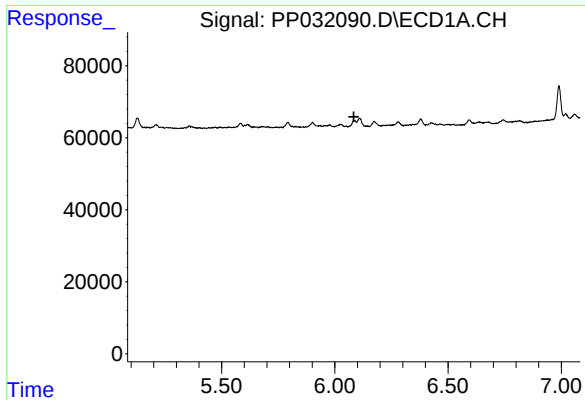
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.792 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

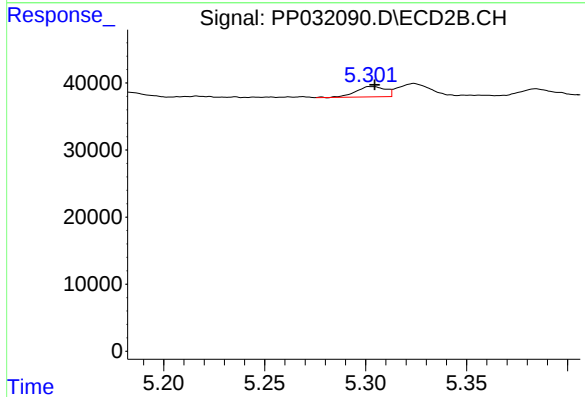
R.T.: 5.324 min  
Delta R.T.: -0.001 min  
Response: 20787  
Conc: 24.23 ng/ml



#16 AR-1242-1

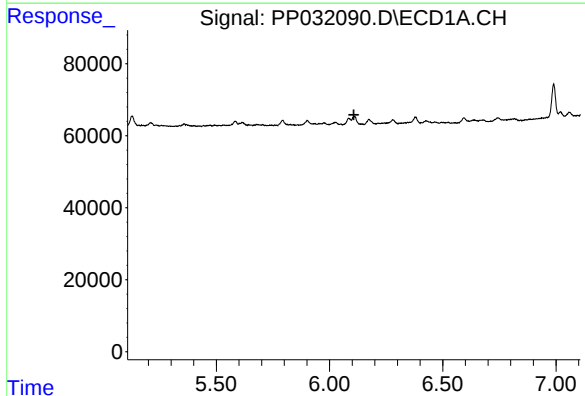
R.T.: 0.000 min  
Exp R.T. : 6.084 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



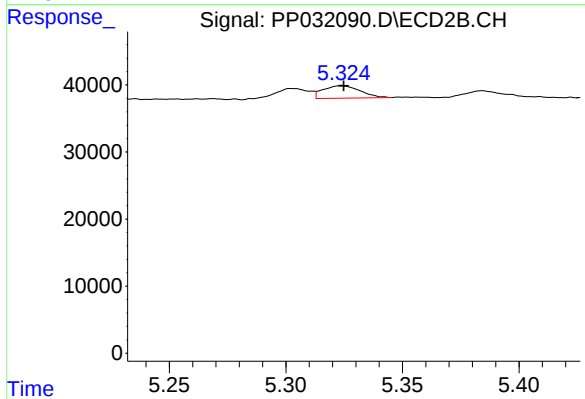
#16 AR-1242-1

R.T.: 5.302 min  
Delta R.T.: -0.002 min  
Response: 15762  
Conc: 15.22 ng/ml



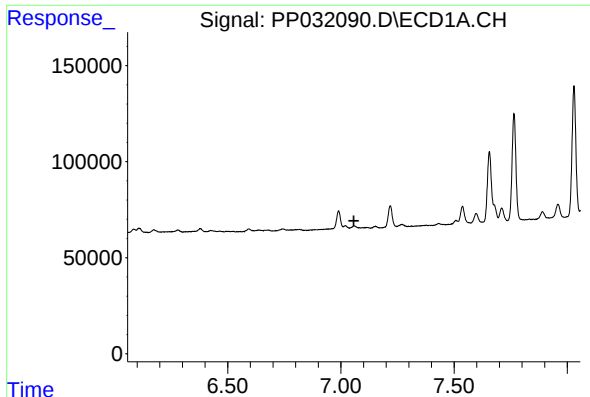
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 6.107 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

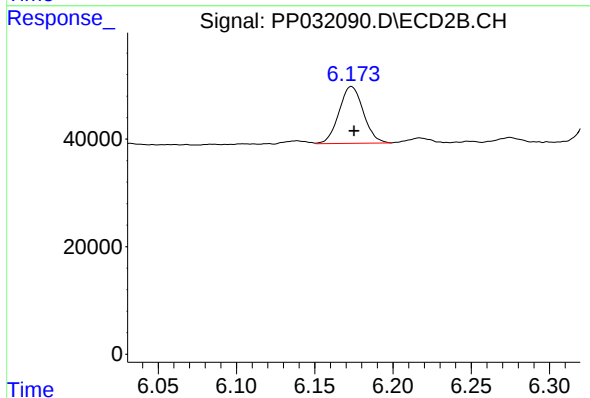
R.T.: 5.324 min  
Delta R.T.: 0.000 min  
Response: 20787  
Conc: 13.45 ng/ml



#20 AR-1242-5

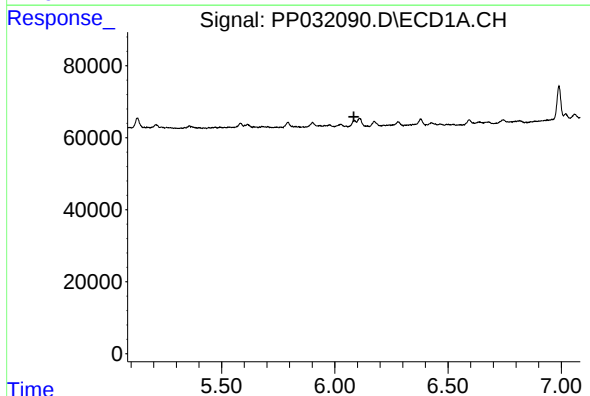
R.T.: 0.000 min  
Exp R.T.: 7.057 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



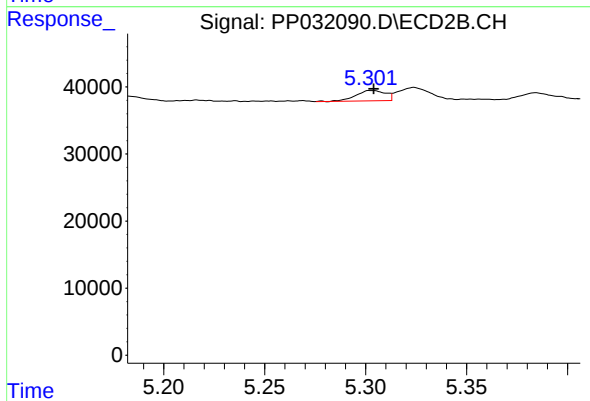
#20 AR-1242-5

R.T.: 6.173 min  
Delta R.T.: -0.002 min  
Response: 114318  
Conc: 128.54 ng/ml



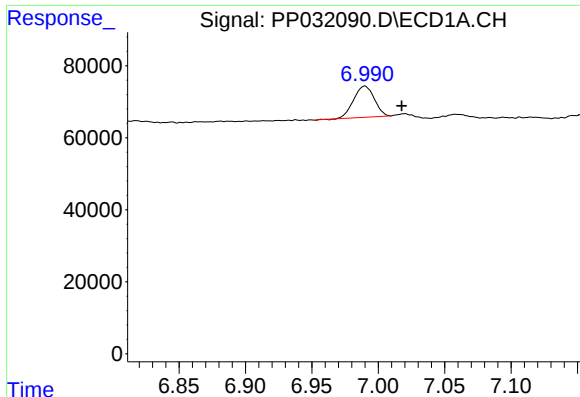
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 6.084 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

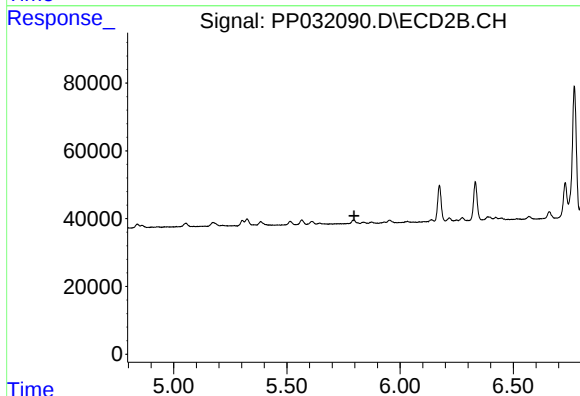
R.T.: 5.302 min  
Delta R.T.: -0.002 min  
Response: 15762  
Conc: 20.14 ng/ml



#24 AR-1248-4

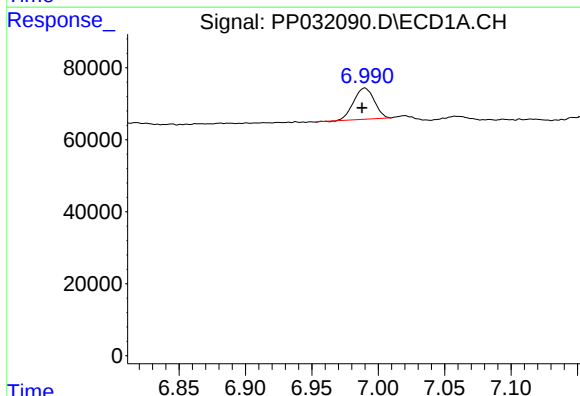
R.T.: 6.990 min  
Delta R.T.: -0.028 min  
Response: 93756  
Conc: 65.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



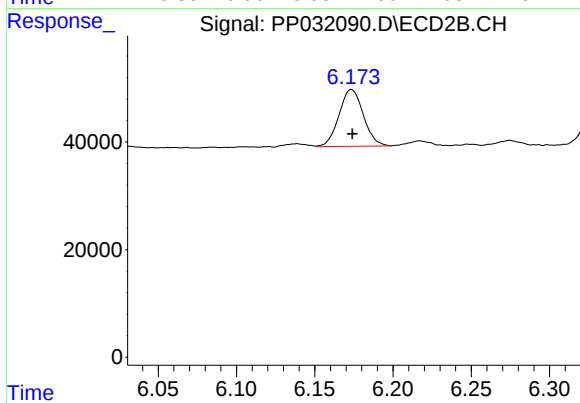
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.796 min  
Response: 0  
Conc: N.D.



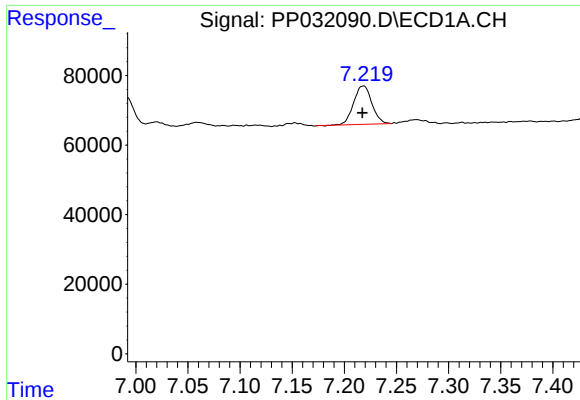
#26 AR-1254-1

R.T.: 6.990 min  
Delta R.T.: 0.002 min  
Response: 93756  
Conc: 60.36 ng/ml



#26 AR-1254-1

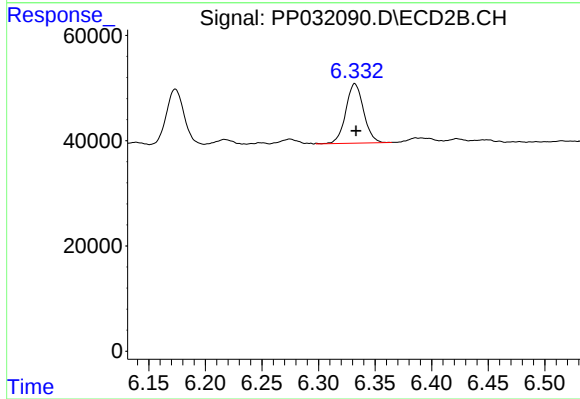
R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 114318  
Conc: 55.31 ng/ml



#27 AR-1254-2

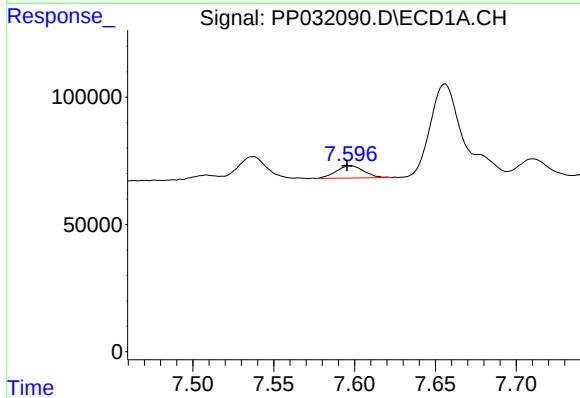
R.T.: 7.218 min  
Delta R.T.: 0.000 min  
Response: 134273  
Conc: 58.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



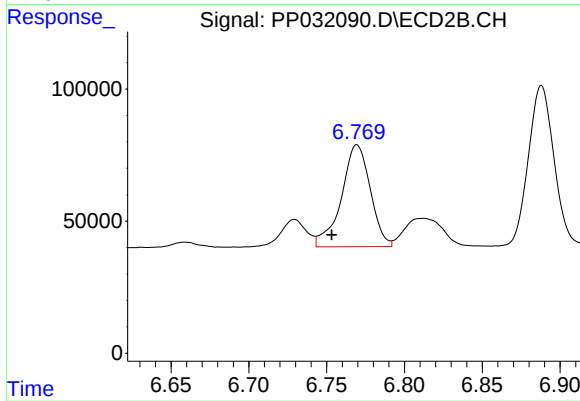
#27 AR-1254-2

R.T.: 6.332 min  
Delta R.T.: -0.001 min  
Response: 123964  
Conc: 69.15 ng/ml



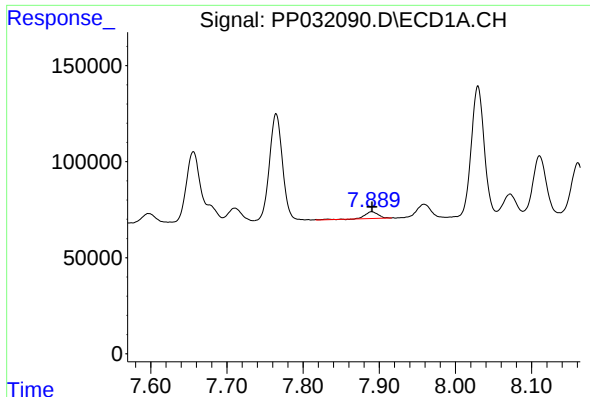
#28 AR-1254-3

R.T.: 7.597 min  
Delta R.T.: 0.002 min  
Response: 57023  
Conc: 23.42 ng/ml



#28 AR-1254-3

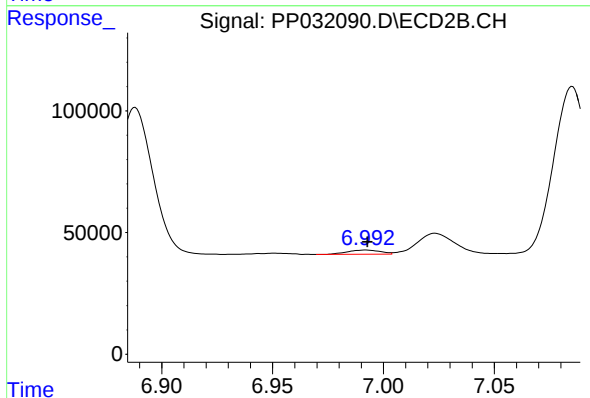
R.T.: 6.769 min  
Delta R.T.: 0.016 min  
Response: 499865  
Conc: 174.90 ng/ml



#29 AR-1254-4

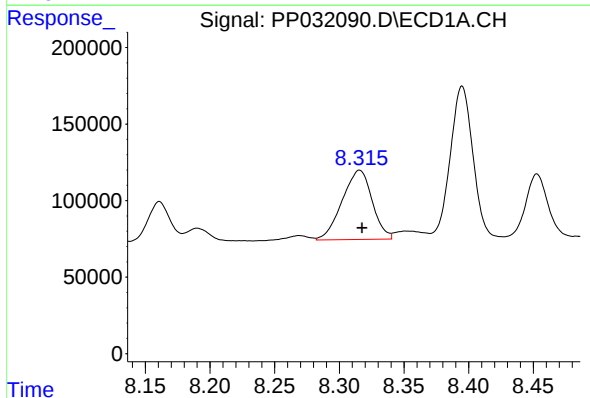
R.T.: 7.890 min  
Delta R.T.: 0.000 min  
Response: 43129  
Conc: 28.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



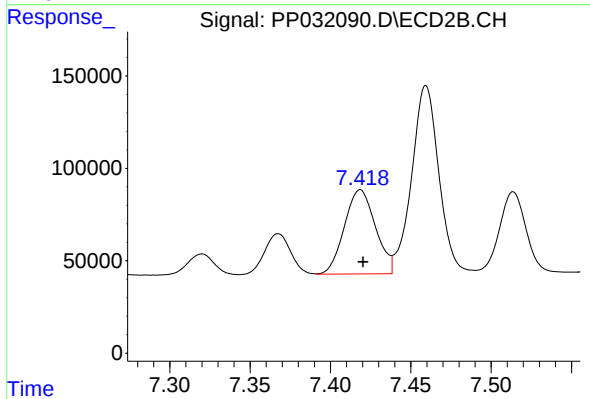
#29 AR-1254-4

R.T.: 6.992 min  
Delta R.T.: 0.000 min  
Response: 17838  
Conc: 12.91 ng/ml



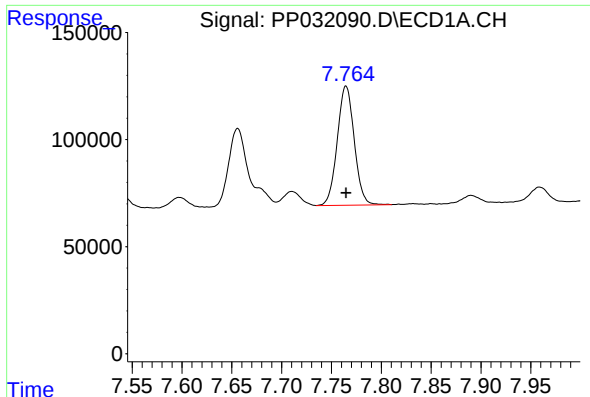
#30 AR-1254-5

R.T.: 8.316 min  
Delta R.T.: -0.002 min  
Response: 731453  
Conc: 426.79 ng/ml



#30 AR-1254-5

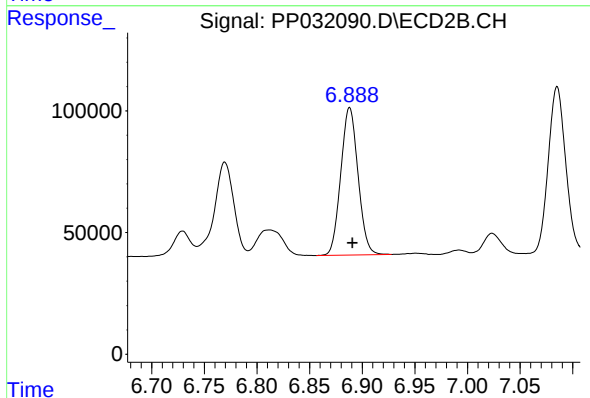
R.T.: 7.419 min  
Delta R.T.: -0.002 min  
Response: 612950  
Conc: 257.65 ng/ml



#31 AR-1260-1

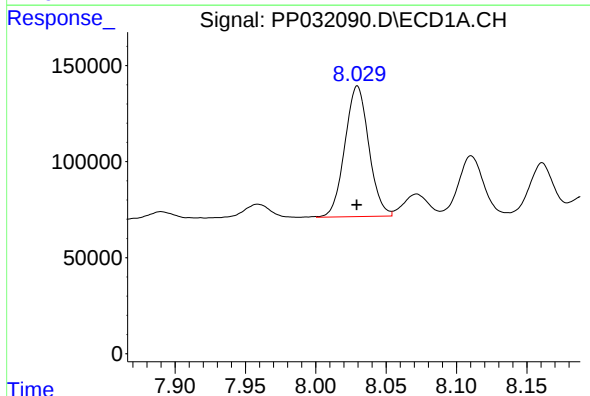
R.T.: 7.765 min  
Delta R.T.: 0.000 min  
Response: 660792  
Conc: 381.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



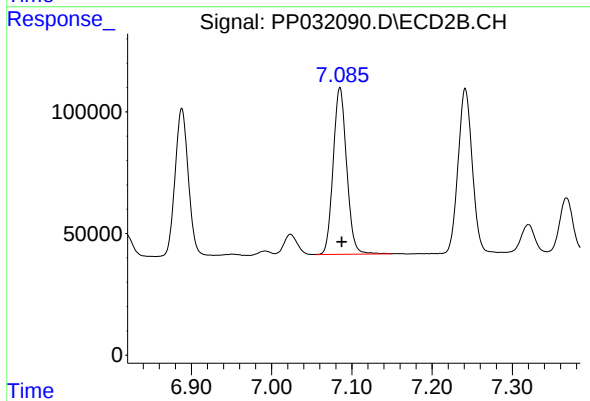
#31 AR-1260-1

R.T.: 6.888 min  
Delta R.T.: -0.002 min  
Response: 691844  
Conc: 364.93 ng/ml



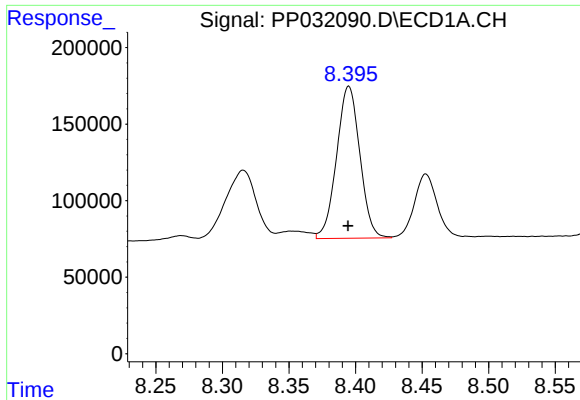
#32 AR-1260-2

R.T.: 8.030 min  
Delta R.T.: 0.000 min  
Response: 806646  
Conc: 392.61 ng/ml



#32 AR-1260-2

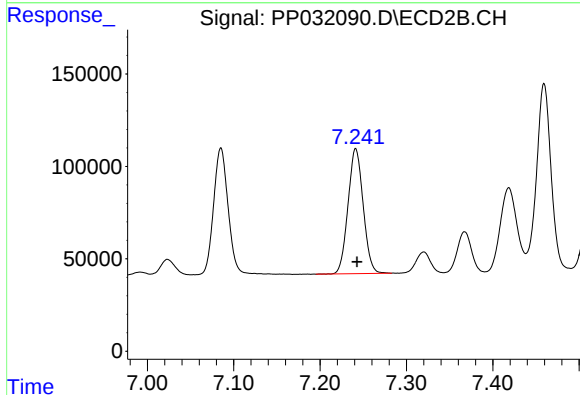
R.T.: 7.085 min  
Delta R.T.: -0.002 min  
Response: 801334  
Conc: 368.37 ng/ml



#33 AR-1260-3

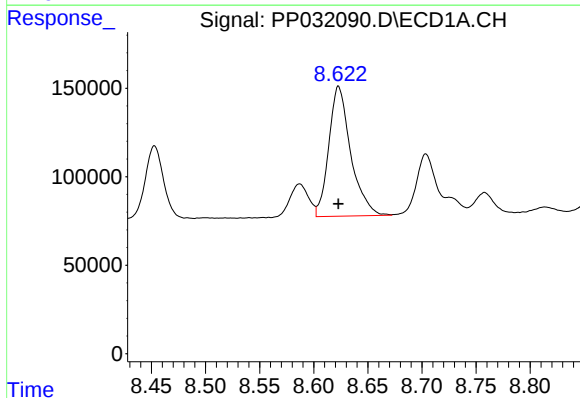
R.T.: 8.395 min  
Delta R.T.: 0.000 min  
Response: 1208979  
Conc: 692.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



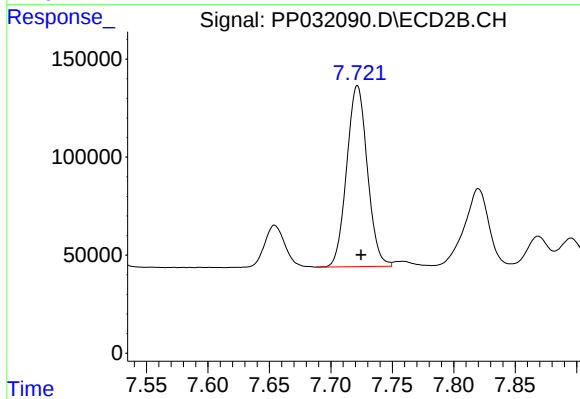
#33 AR-1260-3

R.T.: 7.241 min  
Delta R.T.: -0.002 min  
Response: 823673  
Conc: 387.67 ng/ml



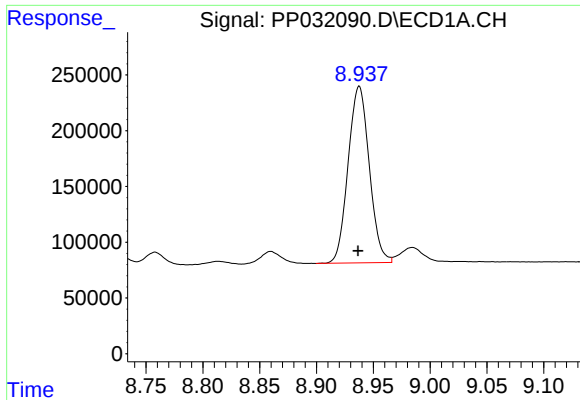
#34 AR-1260-4

R.T.: 8.623 min  
Delta R.T.: 0.000 min  
Response: 1034480  
Conc: 574.07 ng/ml



#34 AR-1260-4

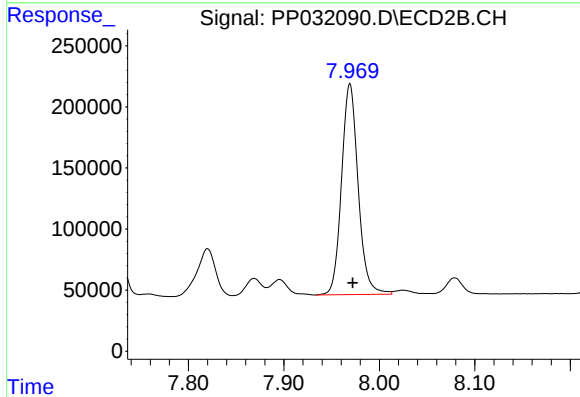
R.T.: 7.722 min  
Delta R.T.: -0.003 min  
Response: 1080591  
Conc: 608.23 ng/ml



#35 AR-1260-5

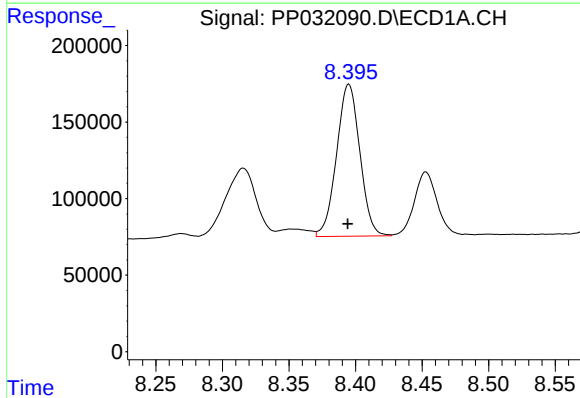
R.T.: 8.938 min  
Delta R.T.: 0.001 min  
Response: 2057613  
Conc: 572.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



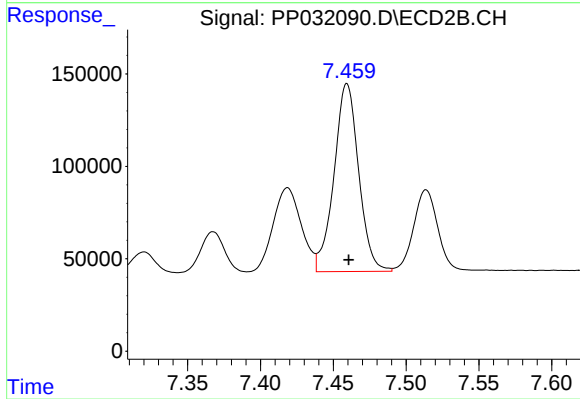
#35 AR-1260-5

R.T.: 7.969 min  
Delta R.T.: -0.003 min  
Response: 2084269  
Conc: 544.84 ng/ml



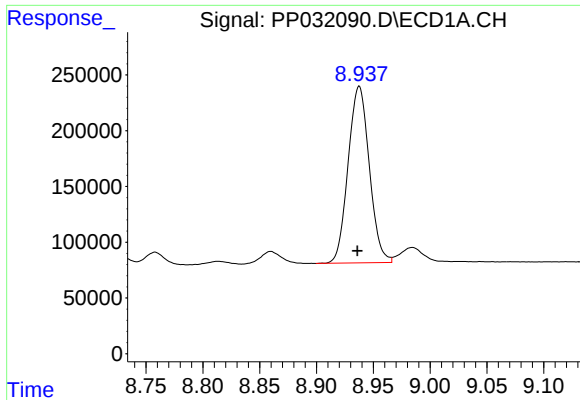
#36 AR-1262-1

R.T.: 8.395 min  
Delta R.T.: 0.000 min  
Response: 1208979  
Conc: 448.05 ng/ml



#36 AR-1262-1

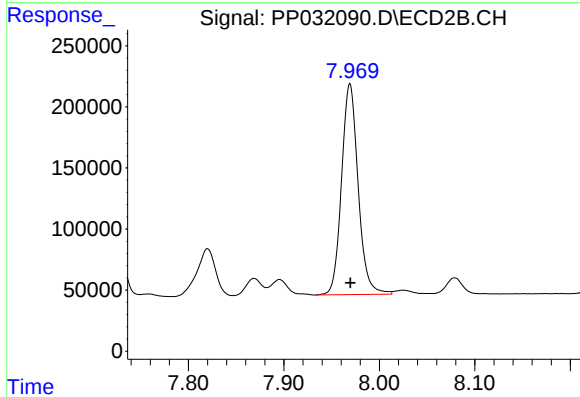
R.T.: 7.459 min  
Delta R.T.: -0.001 min  
Response: 1198865  
Conc: 446.09 ng/ml



#37 AR-1262-2

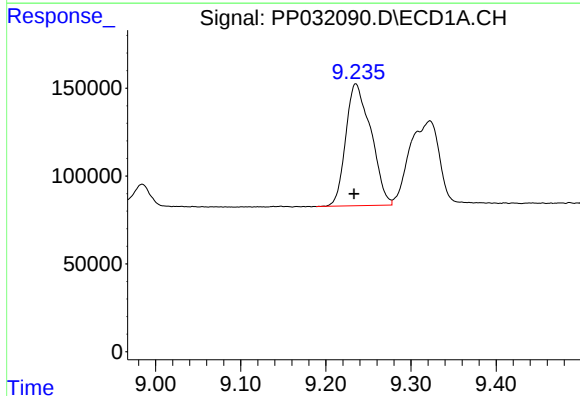
R.T.: 8.938 min  
Delta R.T.: 0.002 min  
Response: 2057613  
Conc: 507.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



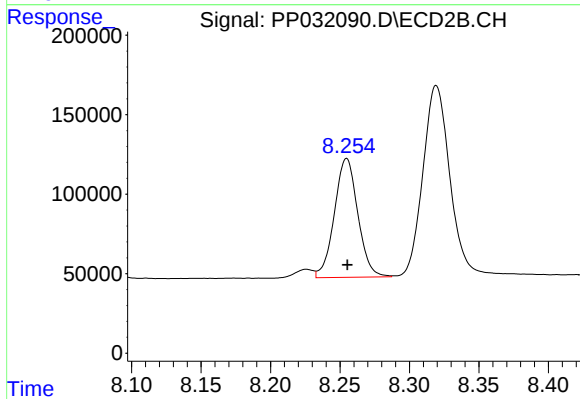
#37 AR-1262-2

R.T.: 7.969 min  
Delta R.T.: 0.000 min  
Response: 2084269  
Conc: 499.86 ng/ml



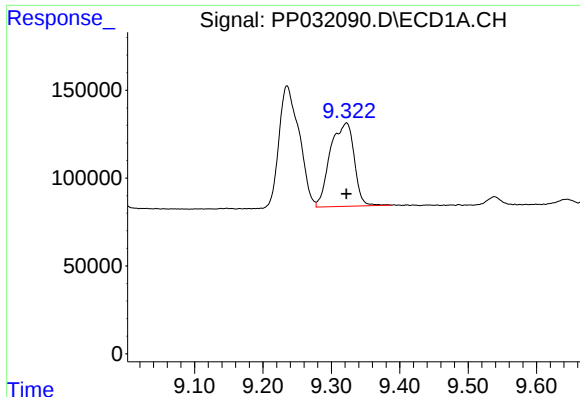
#38 AR-1262-3

R.T.: 9.235 min  
Delta R.T.: 0.002 min  
Response: 1428513  
Conc: 498.52 ng/ml



#38 AR-1262-3

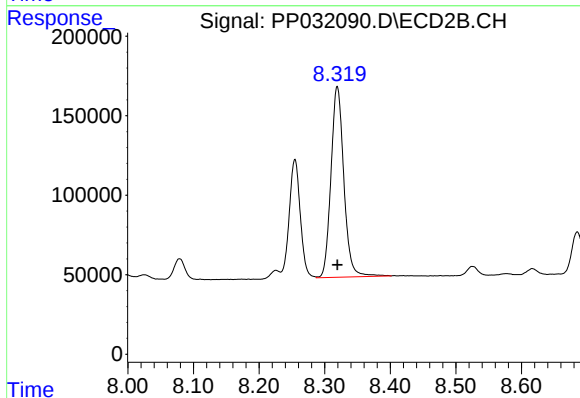
R.T.: 8.255 min  
Delta R.T.: 0.000 min  
Response: 878685  
Conc: 485.00 ng/ml



#39 AR-1262-4

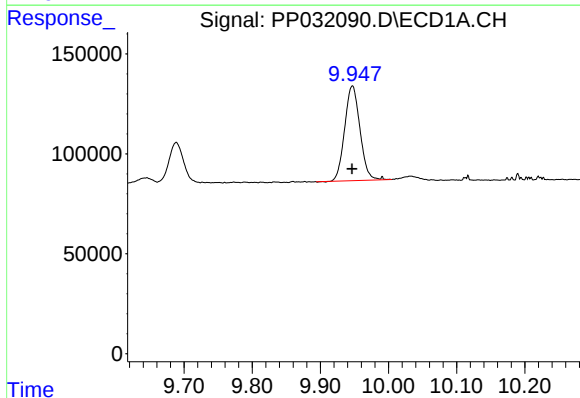
R.T.: 9.322 min  
Delta R.T.: 0.000 min  
Response: 1155264  
Conc: 473.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



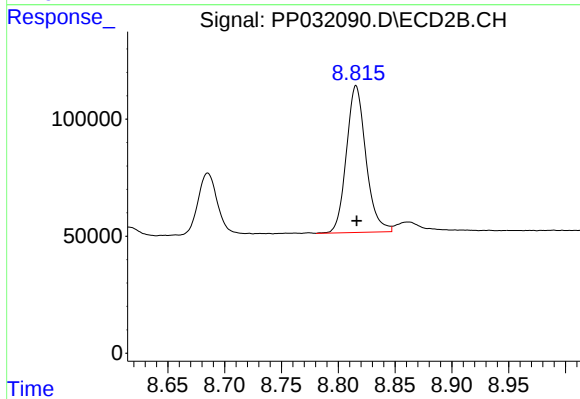
#39 AR-1262-4

R.T.: 8.319 min  
Delta R.T.: 0.000 min  
Response: 1635514  
Conc: 486.13 ng/ml



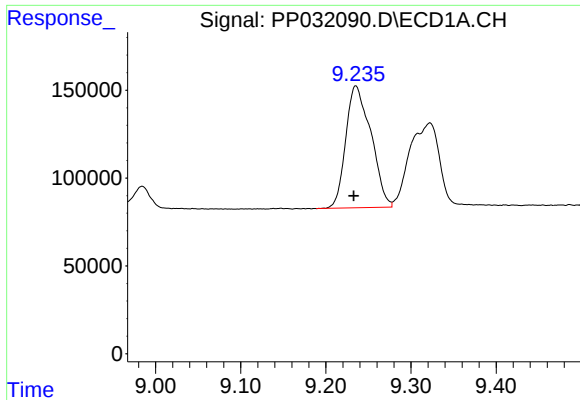
#40 AR-1262-5

R.T.: 9.947 min  
Delta R.T.: 0.000 min  
Response: 741324  
Conc: 546.86 ng/ml



#40 AR-1262-5

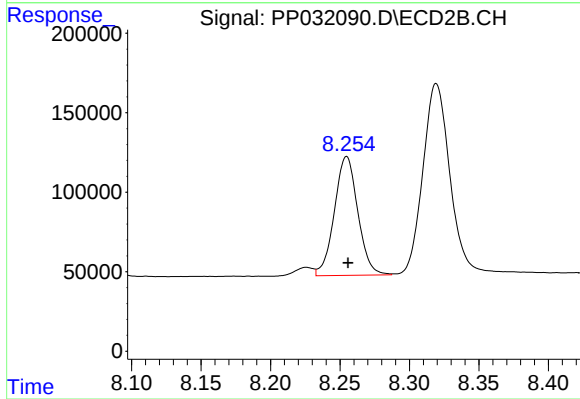
R.T.: 8.816 min  
Delta R.T.: 0.000 min  
Response: 750847  
Conc: 573.11 ng/ml



#41 AR-1268-1

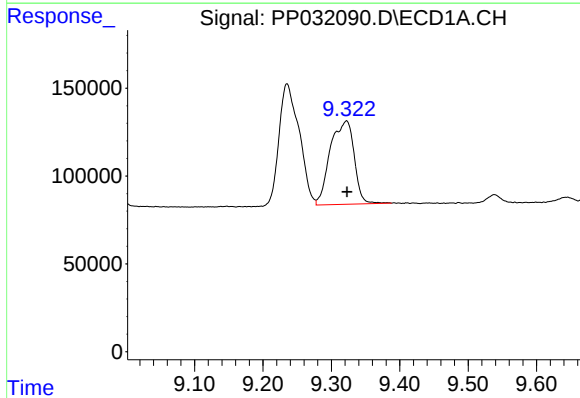
R.T.: 9.235 min  
Delta R.T.: 0.003 min  
Response: 1428513  
Conc: 274.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



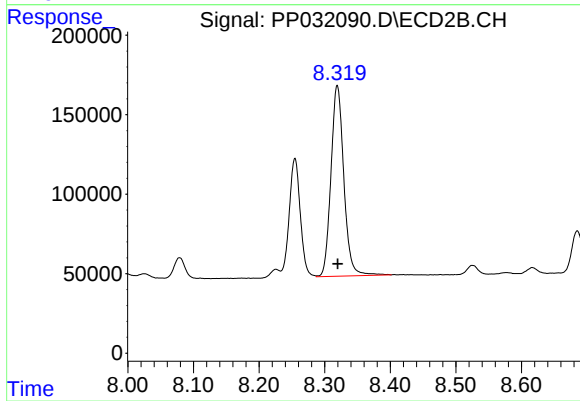
#41 AR-1268-1

R.T.: 8.255 min  
Delta R.T.: 0.000 min  
Response: 878685  
Conc: 174.35 ng/ml



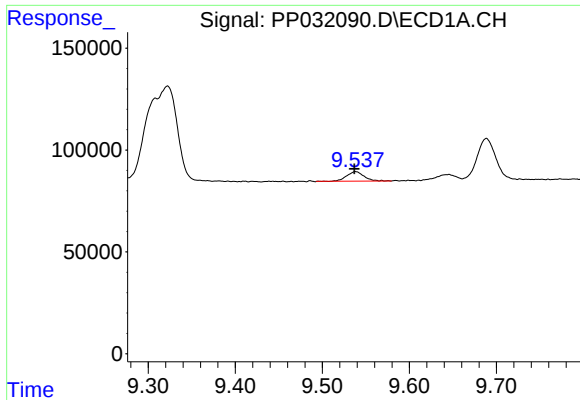
#42 AR-1268-2

R.T.: 9.322 min  
Delta R.T.: 0.000 min  
Response: 1155264  
Conc: 237.34 ng/ml



#42 AR-1268-2

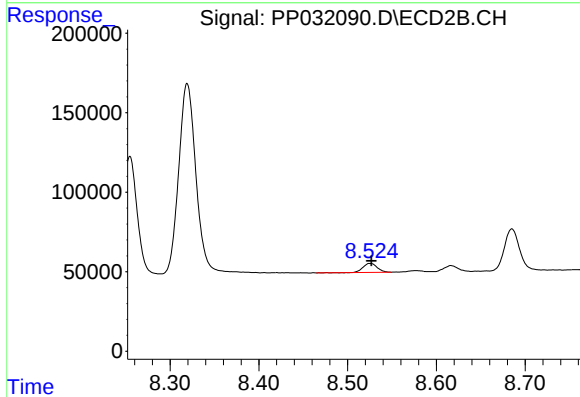
R.T.: 8.319 min  
Delta R.T.: 0.000 min  
Response: 1635514  
Conc: 319.88 ng/ml



#43 AR-1268-3

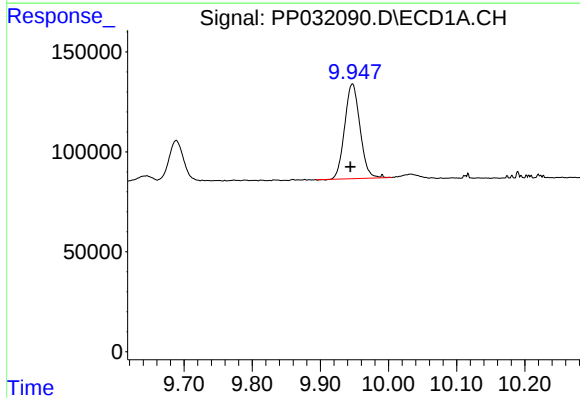
R.T.: 9.538 min  
Delta R.T.: 0.001 min  
Response: 64971  
Conc: 15.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



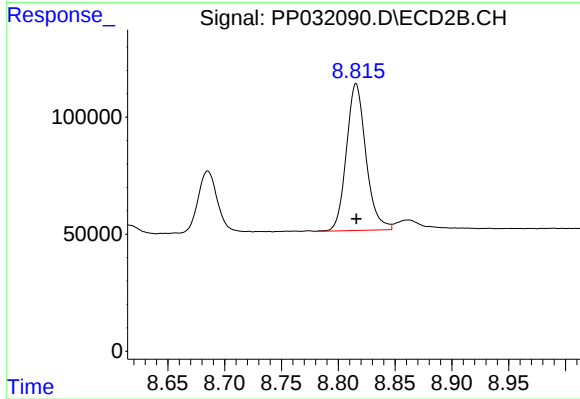
#43 AR-1268-3

R.T.: 8.525 min  
Delta R.T.: -0.002 min  
Response: 61698  
Conc: 13.99 ng/ml



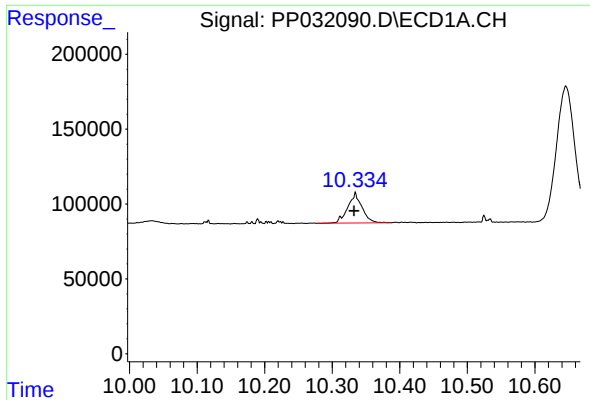
#44 AR-1268-4

R.T.: 9.947 min  
Delta R.T.: 0.003 min  
Response: 741324  
Conc: 533.60 ng/ml



#44 AR-1268-4

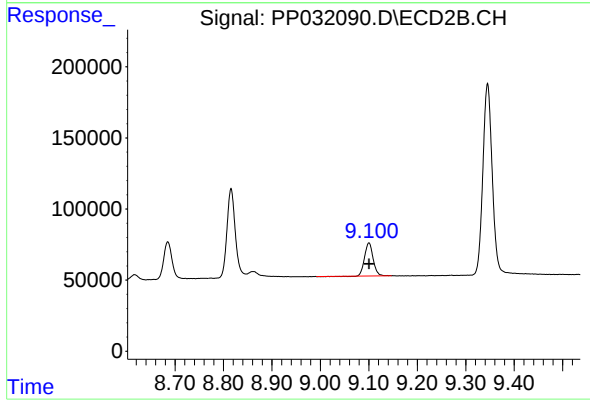
R.T.: 8.816 min  
Delta R.T.: 0.000 min  
Response: 750847  
Conc: 513.78 ng/ml



#45 AR-1268-5

R.T.: 10.334 min  
Delta R.T.: 0.002 min  
Response: 292001  
Conc: 24.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.100 min  
Delta R.T.: 0.000 min  
Response: 282125  
Conc: 22.31 ng/ml