

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102521\  
 Data File : PO082137.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Oct 2021 15:14  
 Operator : AJ\MA  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 26 02:57:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 19 04:37:47 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... | 4.981   | 3.976 | 4334436 | 1625192 | 53.642   | 55.083     |
| 2)                          | SA Decachlor... | 11.097  | 9.302 | 3095013 | 1358033 | 55.687   | 53.319     |
| Target Compounds            |                 |         |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.316   | 0.000 | 24561   | 0       | 9.704    | N.D. #     |
| 4)                          | L1 AR-1016-2    | 6.344   | 0.000 | 30878   | 0       | 8.546    | N.D. #     |
| 6)                          | L1 AR-1016-4    | 0.000   | 5.502 | 0       | 367481  | N.D.     | 505.838 #  |
| 7)                          | L1 AR-1016-5    | 6.831   | 5.731 | 370592  | 211050  | 217.163  | 236.849    |
| 9)                          | L2 AR-1221-2    | 5.337   | 4.329 | 58376   | 21238   | 90.841   | 75.832     |
| 13)                         | L3 AR-1232-3    | 6.344   | 0.000 | 30878   | 0       | 20.895   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000   | 5.545 | 0       | 101661  | N.D.     | 289.690 #  |
| 15)                         | L3 AR-1232-5    | 6.611   | 5.731 | 705508  | 211050  | 1390.415 | 555.794 #  |
| 16)                         | L4 AR-1242-1    | 6.316   | 0.000 | 24561   | 0       | 12.938   | N.D. #     |
| 17)                         | L4 AR-1242-2    | 6.344   | 0.000 | 30878   | 0       | 11.505   | N.D. #     |
| 19)                         | L4 AR-1242-4    | 0.000   | 5.545 | 0       | 101661  | N.D.     | 151.445 #  |
| 20)                         | L4 AR-1242-5    | 7.305   | 6.113 | 365256  | 889398  | 287.178  | 1035.091 # |
| 21)                         | L5 AR-1248-1    | 6.316   | 0.000 | 24561   | 0       | 16.504   | N.D. #     |
| 22)                         | L5 AR-1248-2    | 6.611   | 5.502 | 705508  | 367481  | 362.821  | 382.144    |
| 23)                         | L5 AR-1248-3    | 6.831   | 5.545 | 370592  | 101661  | 170.600  | 103.153 #  |
| 24)                         | L5 AR-1248-4    | 7.262   | 5.731 | 584717  | 211050  | 247.835  | 183.608 #  |
| 25)                         | L5 AR-1248-5    | 7.305   | 6.155 | 365256  | 105981  | 163.903  | 97.551 #   |
| 26)                         | L6 AR-1254-1    | 7.232   | 6.113 | 1290075 | 889398  | 538.678  | 534.058    |
| 27)                         | L6 AR-1254-2    | 7.463   | 6.274 | 1942461 | 791458  | 532.522  | 530.117    |
| 28)                         | L6 AR-1254-3    | 7.847   | 6.695 | 2021029 | 1175817 | 558.477  | 525.083    |
| 29)                         | L6 AR-1254-4    | 8.146   | 6.935 | 1480359 | 772286  | 549.343  | 525.827    |
| 30)                         | L6 AR-1254-5    | 8.577   | 7.366 | 1582553 | 1067745 | 543.371  | 518.498    |
| 31)                         | L7 AR-1260-1    | 8.015   | 6.834 | 846016  | 609457  | 299.756  | 368.173    |
| 32)                         | L7 AR-1260-2    | 8.283   | 7.031 | 925987  | 518456  | 278.348  | 258.474    |
| 33)                         | L7 AR-1260-3    | 8.639   | 7.184 | 193497  | 498361  | 85.848   | 263.066 #  |
| 34)                         | L7 AR-1260-4    | 8.875   | 7.671 | 606047  | 54921   | 228.926  | 40.069 #   |
| 35)                         | L7 AR-1260-5    | 9.217   | 7.919 | 211105  | 101672  | 38.533   | 30.770     |
| 36)                         | L8 AR-1262-1    | 8.639   | 7.366 | 193497  | 1067745 | 56.566   | 967.946 #  |
| 37)                         | L8 AR-1262-2    | 9.217   | 7.919 | 211105  | 101672  | 33.618   | 28.459     |
| 38)                         | L8 AR-1262-3    | 9.560f  | 0.000 | 200390  | 0       | 72.863   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 9.613f  | 8.268 | 42614   | 135176  | 25.451   | 50.789 #   |
| 40)                         | L8 AR-1262-5    | 10.337f | 0.000 | 31562   | 0       | 13.850   | N.D. #     |
| 41)                         | L9 AR-1268-1    | 9.560f  | 0.000 | 200390  | 0       | 26.826   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.613f  | 8.268 | 42614   | 135176  | 6.299    | 35.585 #   |
| 44)                         | L9 AR-1268-4    | 10.337f | 0.000 | 31562   | 0       | 12.472   | N.D. #     |
| 45)                         | L9 AR-1268-5    | 10.752  | 0.000 | 17934   | 0       | 0.892    | N.D. #     |
| -----                       |                 |         |       |         |         |          |            |

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

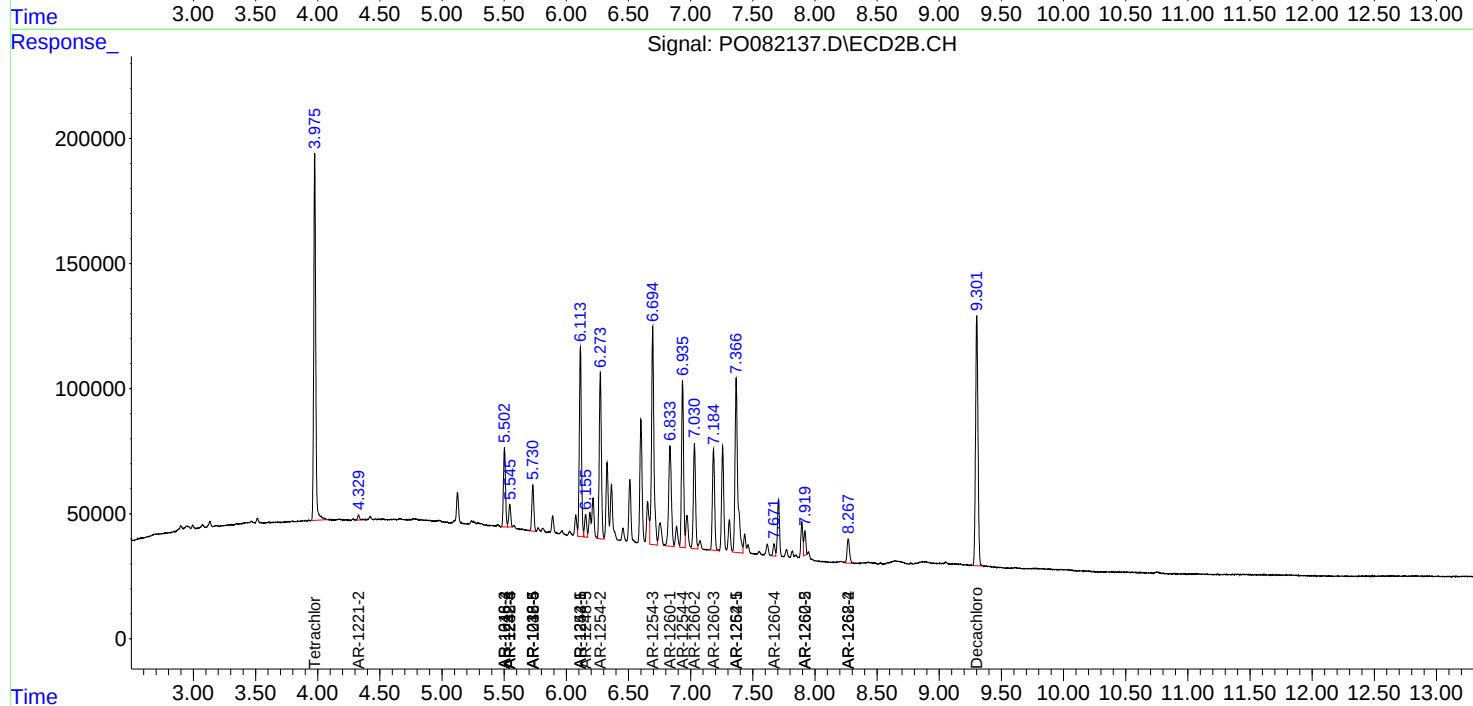
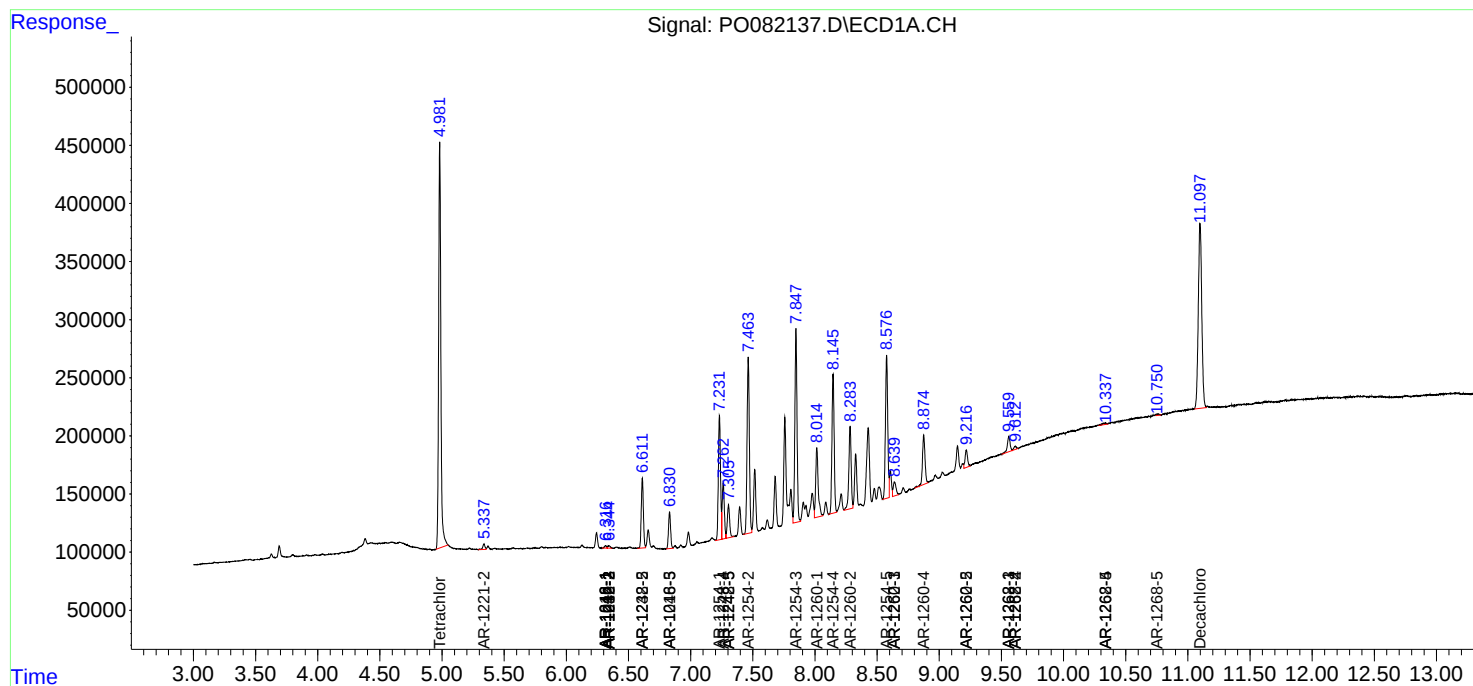
Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500

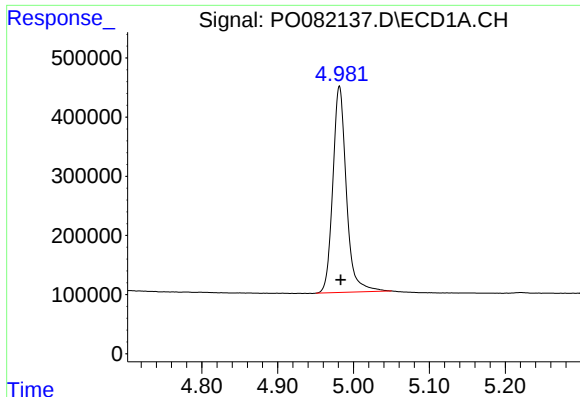
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102521\  
Data File : PO082137.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Oct 2021 15:14  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
AR1254CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 26 02:57:46 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 19 04:37:47 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

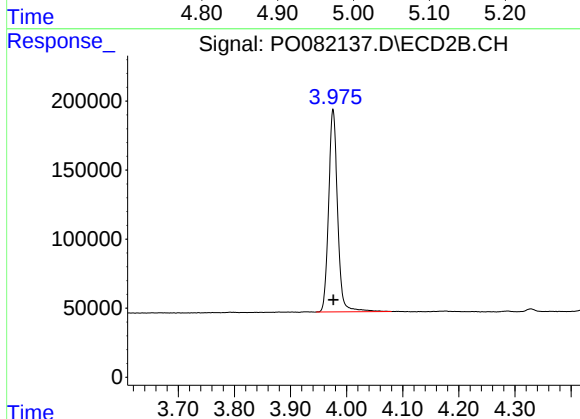




#1 Tetrachloro-m-xylene

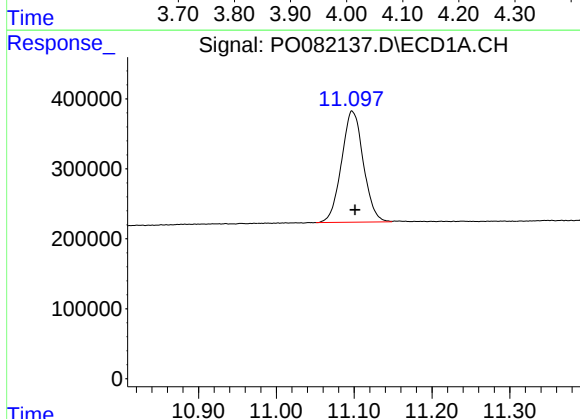
R.T.: 4.981 min  
Delta R.T.: -0.002 min  
Response: 4334436  
Conc: 53.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



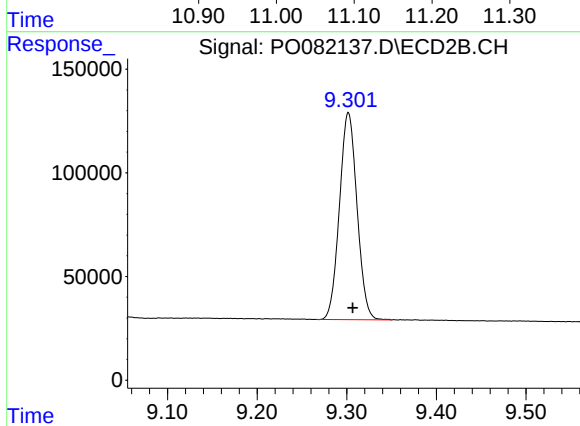
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 1625192  
Conc: 55.08 ng/ml



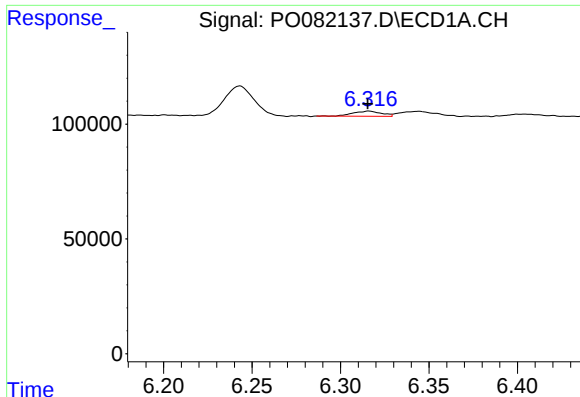
#2 Decachlorobiphenyl

R.T.: 11.097 min  
Delta R.T.: -0.004 min  
Response: 3095013  
Conc: 55.69 ng/ml



#2 Decachlorobiphenyl

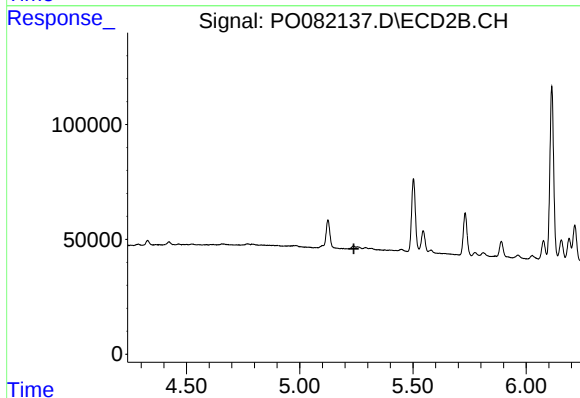
R.T.: 9.302 min  
Delta R.T.: -0.005 min  
Response: 1358033  
Conc: 53.32 ng/ml



#3 AR-1016-1

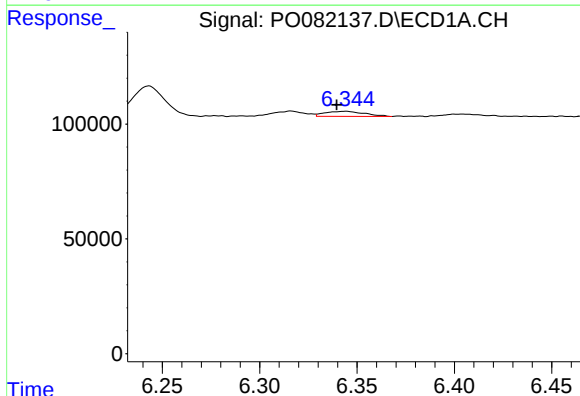
R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 24561  
Conc: 9.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



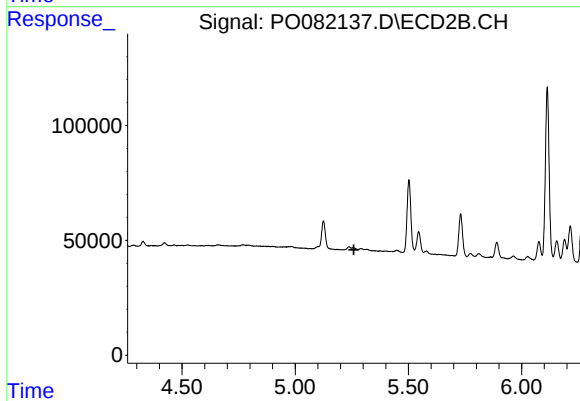
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.239 min  
Response: 0  
Conc: N.D.



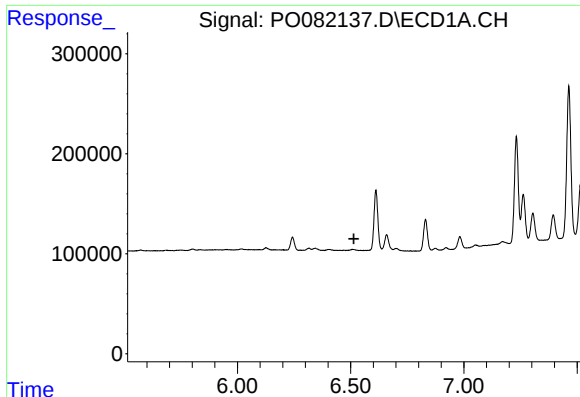
#4 AR-1016-2

R.T.: 6.344 min  
Delta R.T.: 0.005 min  
Response: 30878  
Conc: 8.55 ng/ml



#4 AR-1016-2

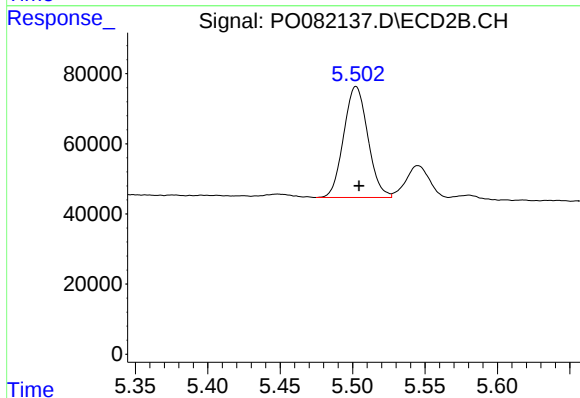
R.T.: 0.000 min  
Exp R.T. : 5.259 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

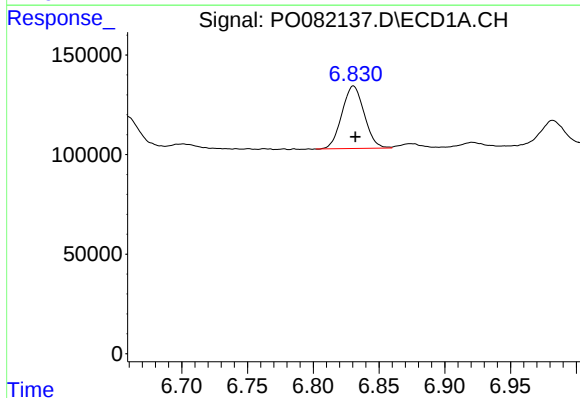
R.T.: 0.000 min  
Exp R.T.: 6.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



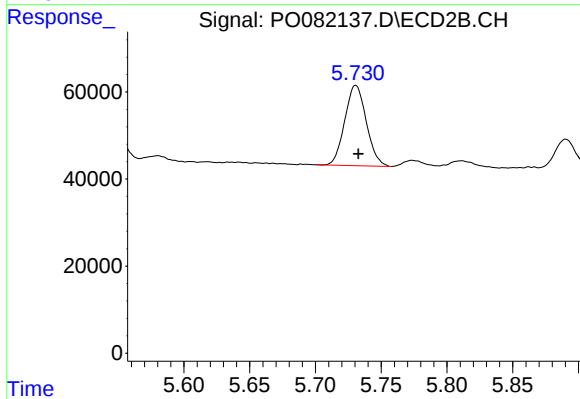
#6 AR-1016-4

R.T.: 5.502 min  
Delta R.T.: -0.002 min  
Response: 367481  
Conc: 505.84 ng/ml



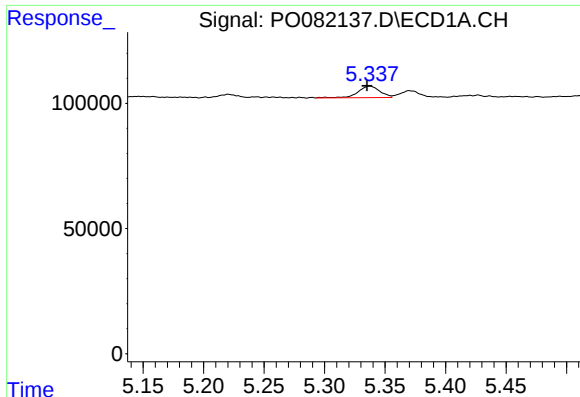
#7 AR-1016-5

R.T.: 6.831 min  
Delta R.T.: -0.002 min  
Response: 370592  
Conc: 217.16 ng/ml



#7 AR-1016-5

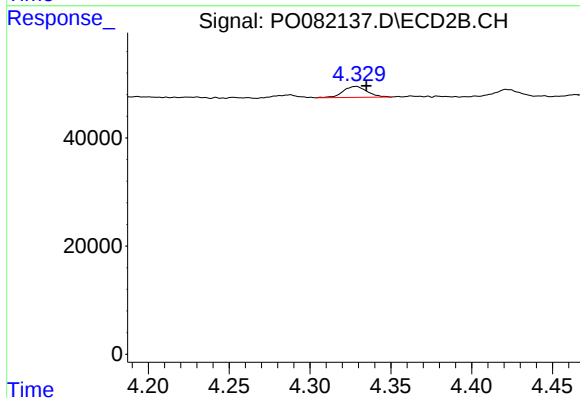
R.T.: 5.731 min  
Delta R.T.: -0.002 min  
Response: 211050  
Conc: 236.85 ng/ml



#9 AR-1221-2

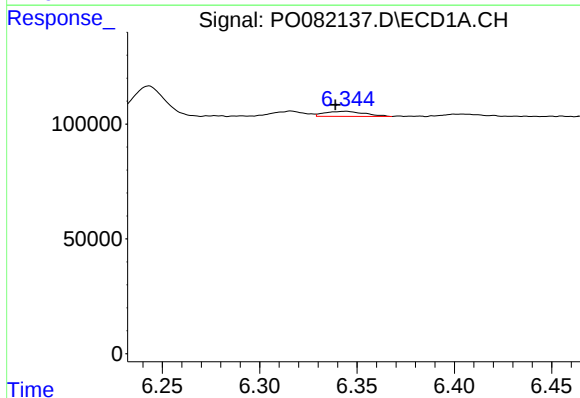
R.T.: 5.337 min  
Delta R.T.: 0.002 min  
Response: 58376  
Conc: 90.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



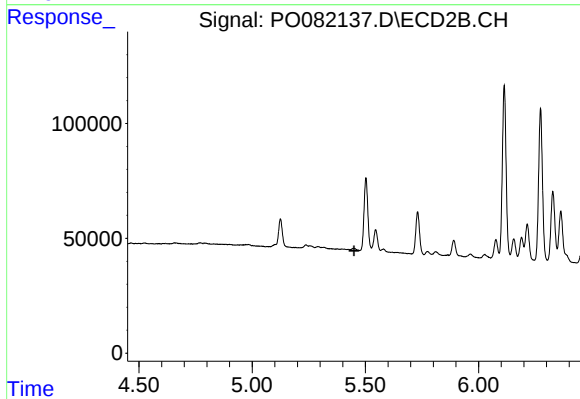
#9 AR-1221-2

R.T.: 4.329 min  
Delta R.T.: -0.006 min  
Response: 21238  
Conc: 75.83 ng/ml



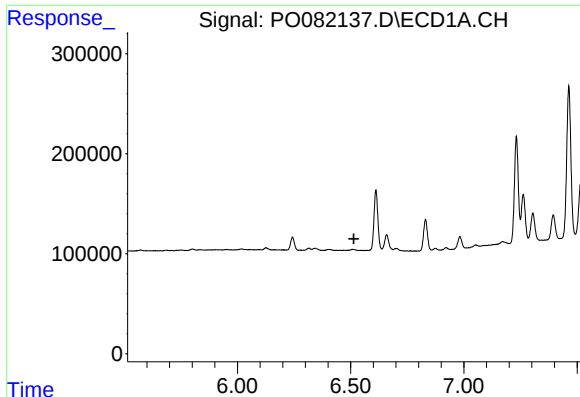
#13 AR-1232-3

R.T.: 6.344 min  
Delta R.T.: 0.006 min  
Response: 30878  
Conc: 20.90 ng/ml



#13 AR-1232-3

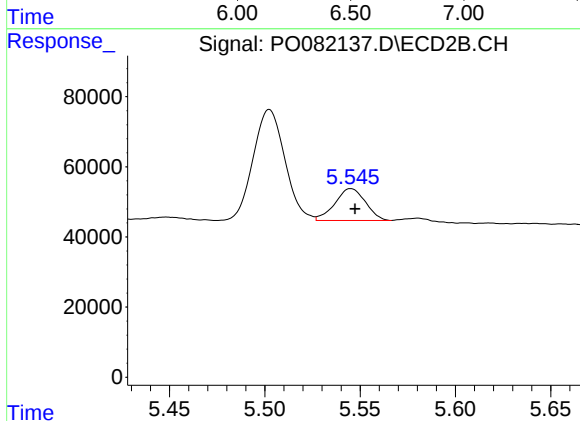
R.T.: 0.000 min  
Exp R.T.: 5.450 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

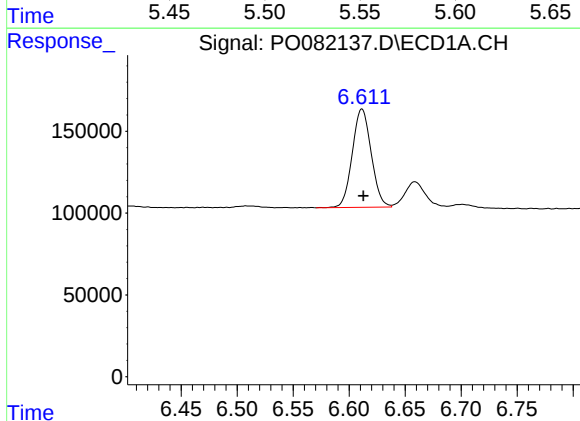
R.T.: 0.000 min  
Exp R.T.: 6.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



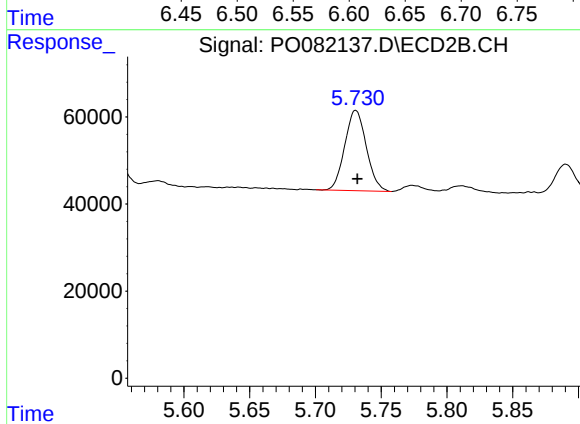
#14 AR-1232-4

R.T.: 5.545 min  
Delta R.T.: -0.002 min  
Response: 101661  
Conc: 289.69 ng/ml



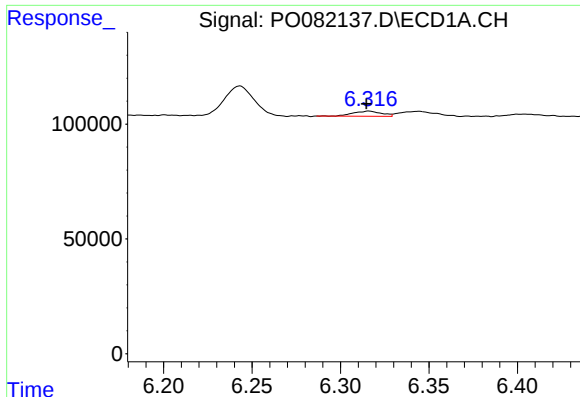
#15 AR-1232-5

R.T.: 6.611 min  
Delta R.T.: -0.001 min  
Response: 705508  
Conc: 1390.42 ng/ml



#15 AR-1232-5

R.T.: 5.731 min  
Delta R.T.: -0.001 min  
Response: 211050  
Conc: 555.79 ng/ml



#16 AR-1242-1

R.T.: 6.316 min  
Delta R.T.: 0.001 min  
Response: 24561  
Conc: 12.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500

#16 AR-1242-1

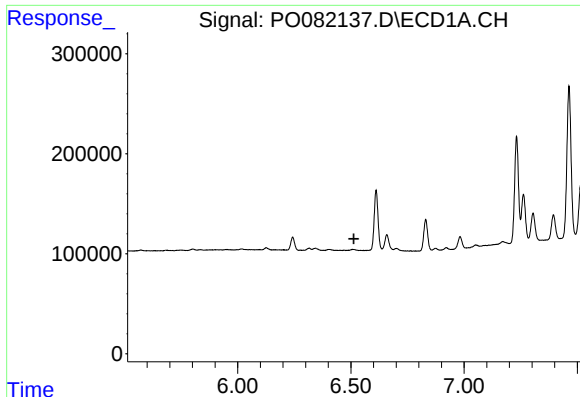
R.T.: 0.000 min  
Exp R.T. : 5.238 min  
Response: 0  
Conc: N.D.

#17 AR-1242-2

R.T.: 6.344 min  
Delta R.T.: 0.005 min  
Response: 30878  
Conc: 11.50 ng/ml

#17 AR-1242-2

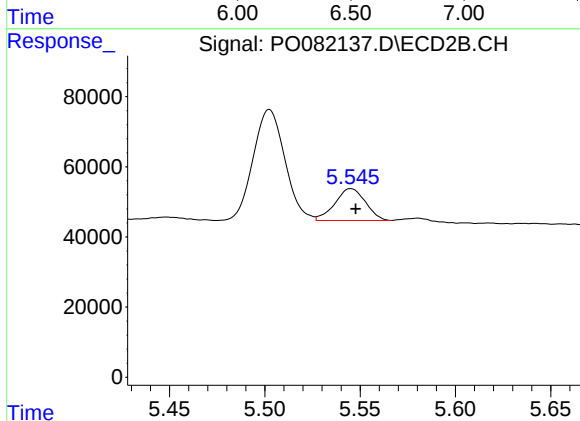
R.T.: 0.000 min  
Exp R.T. : 5.259 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

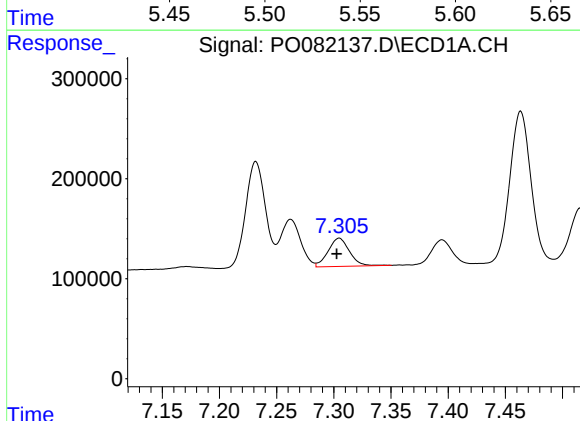
R.T.: 0.000 min  
Exp R.T.: 6.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



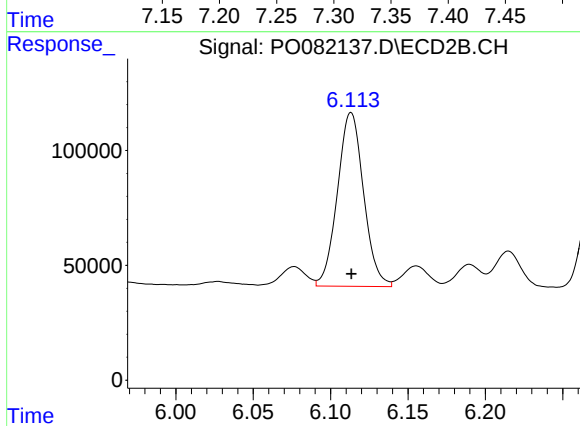
#19 AR-1242-4

R.T.: 5.545 min  
Delta R.T.: -0.003 min  
Response: 101661  
Conc: 151.44 ng/ml



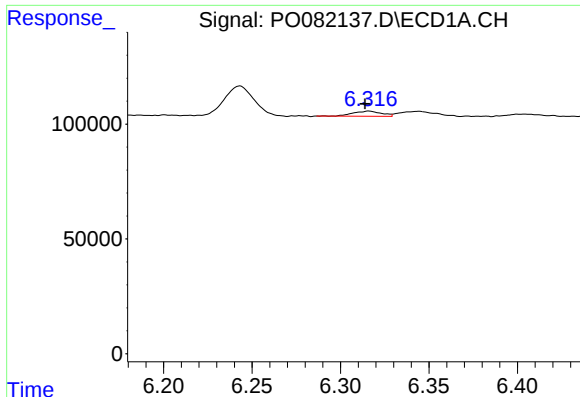
#20 AR-1242-5

R.T.: 7.305 min  
Delta R.T.: 0.002 min  
Response: 365256  
Conc: 287.18 ng/ml



#20 AR-1242-5

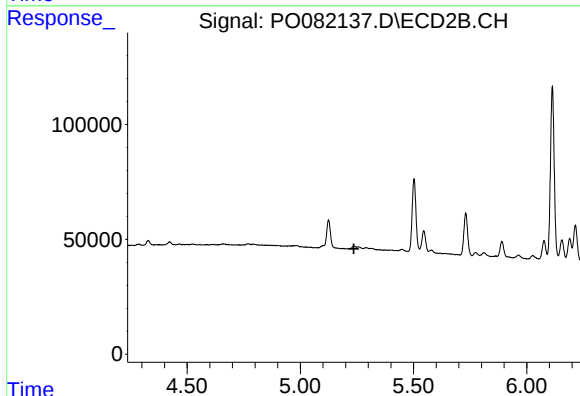
R.T.: 6.113 min  
Delta R.T.: 0.000 min  
Response: 889398  
Conc: 1035.09 ng/ml



#21 AR-1248-1

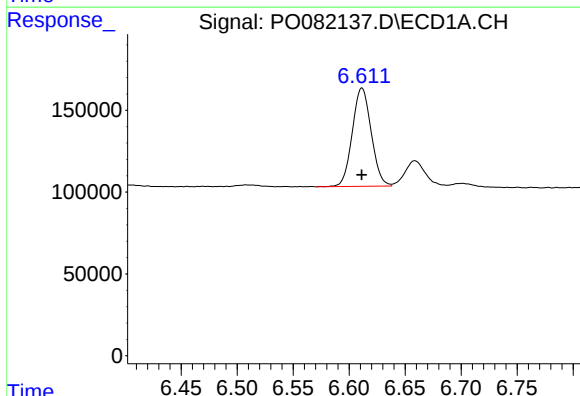
R.T.: 6.316 min  
Delta R.T.: 0.002 min  
Response: 24561  
Conc: 16.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



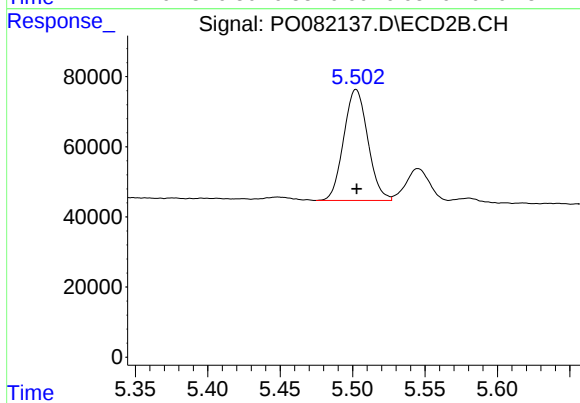
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.237 min  
Response: 0  
Conc: N.D.



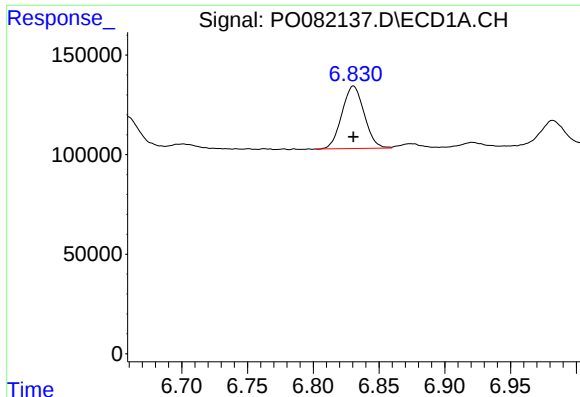
#22 AR-1248-2

R.T.: 6.611 min  
Delta R.T.: 0.000 min  
Response: 705508  
Conc: 362.82 ng/ml



#22 AR-1248-2

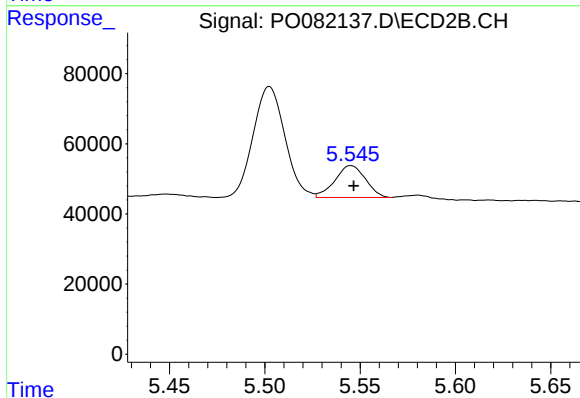
R.T.: 5.502 min  
Delta R.T.: 0.000 min  
Response: 367481  
Conc: 382.14 ng/ml



#23 AR-1248-3

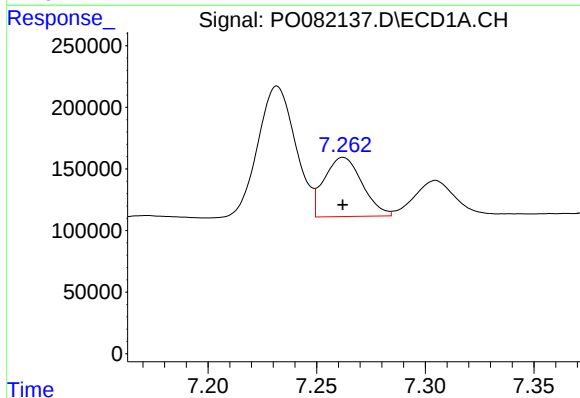
R.T.: 6.831 min  
Delta R.T.: 0.000 min  
Response: 370592  
Conc: 170.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



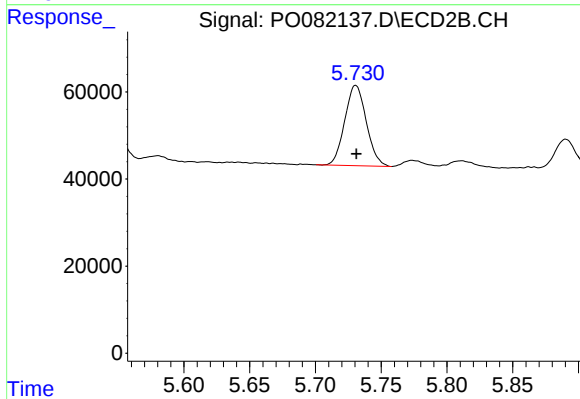
#23 AR-1248-3

R.T.: 5.545 min  
Delta R.T.: -0.002 min  
Response: 101661  
Conc: 103.15 ng/ml



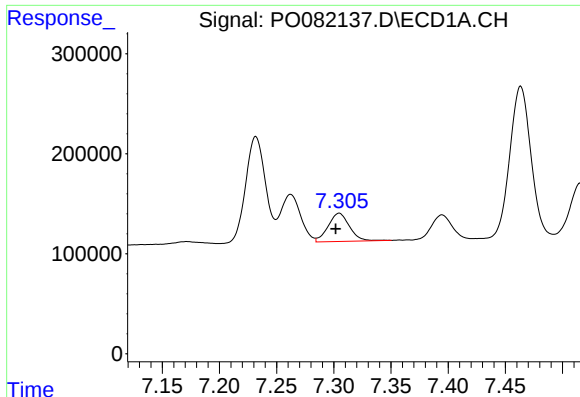
#24 AR-1248-4

R.T.: 7.262 min  
Delta R.T.: 0.000 min  
Response: 584717  
Conc: 247.84 ng/ml



#24 AR-1248-4

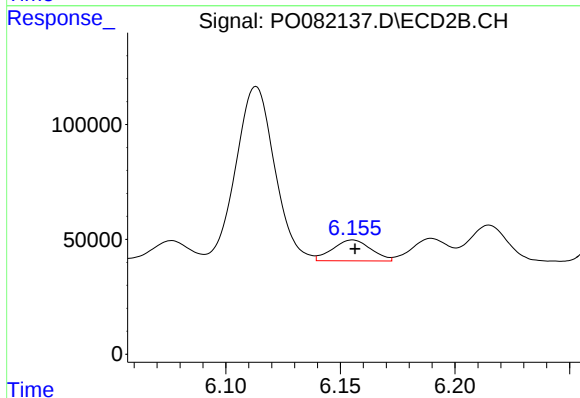
R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 211050  
Conc: 183.61 ng/ml



#25 AR-1248-5

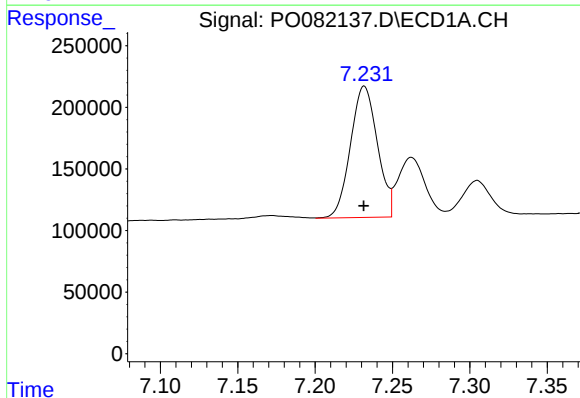
R.T.: 7.305 min  
Delta R.T.: 0.003 min  
Response: 365256  
Conc: 163.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



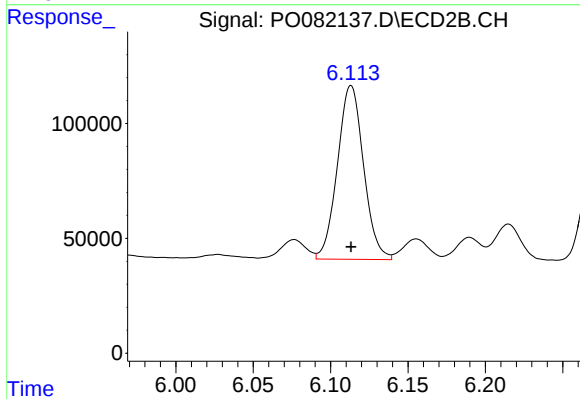
#25 AR-1248-5

R.T.: 6.155 min  
Delta R.T.: -0.001 min  
Response: 105981  
Conc: 97.55 ng/ml



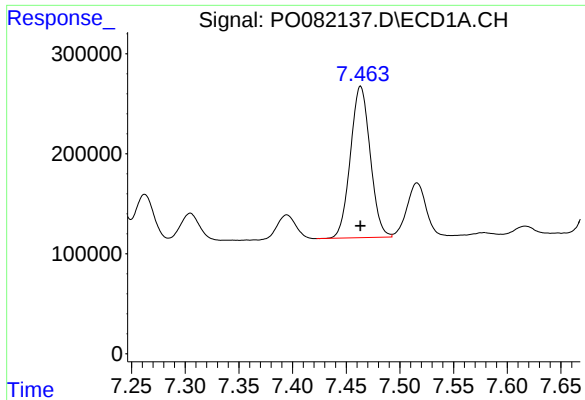
#26 AR-1254-1

R.T.: 7.232 min  
Delta R.T.: 0.000 min  
Response: 1290075  
Conc: 538.68 ng/ml



#26 AR-1254-1

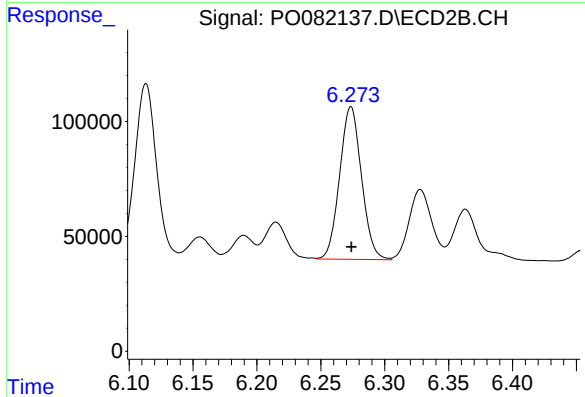
R.T.: 6.113 min  
Delta R.T.: 0.000 min  
Response: 889398  
Conc: 534.06 ng/ml



#27 AR-1254-2

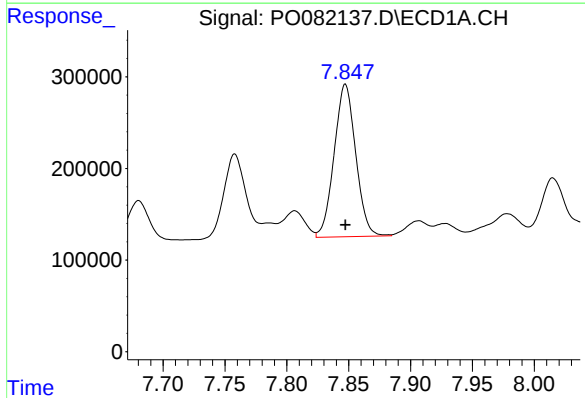
R.T.: 7.463 min  
Delta R.T.: 0.000 min  
Response: 1942461  
Conc: 532.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



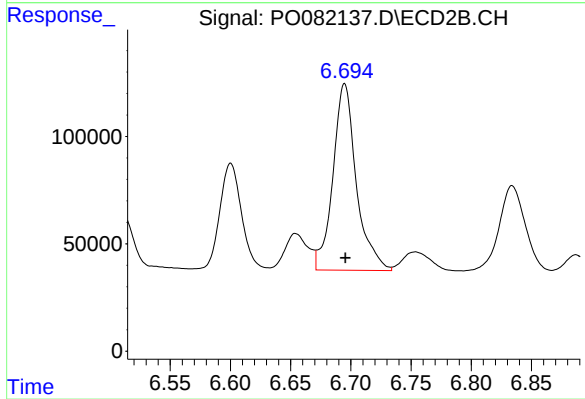
#27 AR-1254-2

R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 791458  
Conc: 530.12 ng/ml



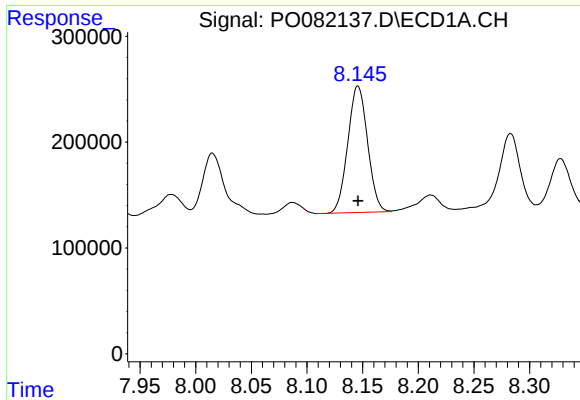
#28 AR-1254-3

R.T.: 7.847 min  
Delta R.T.: 0.000 min  
Response: 2021029  
Conc: 558.48 ng/ml



#28 AR-1254-3

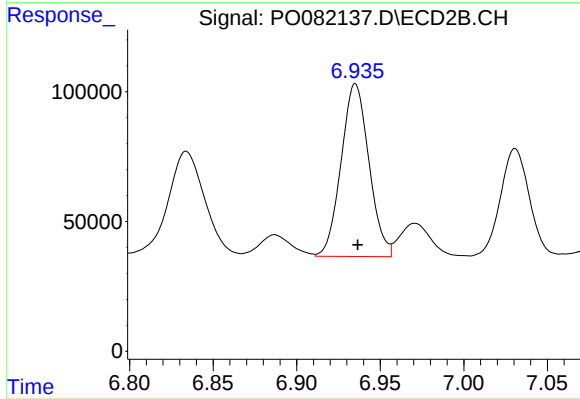
R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 1175817  
Conc: 525.08 ng/ml



#29 AR-1254-4

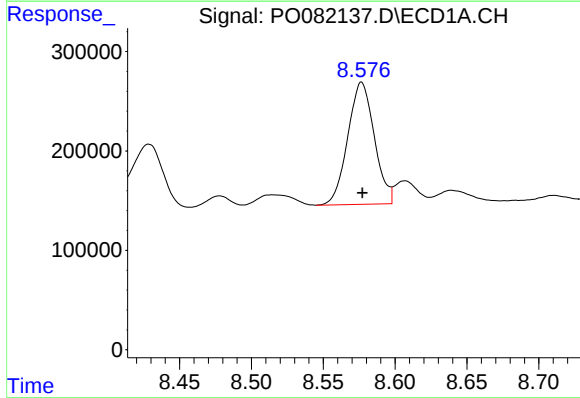
R.T.: 8.146 min  
Delta R.T.: 0.000 min  
Response: 1480359  
Conc: 549.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



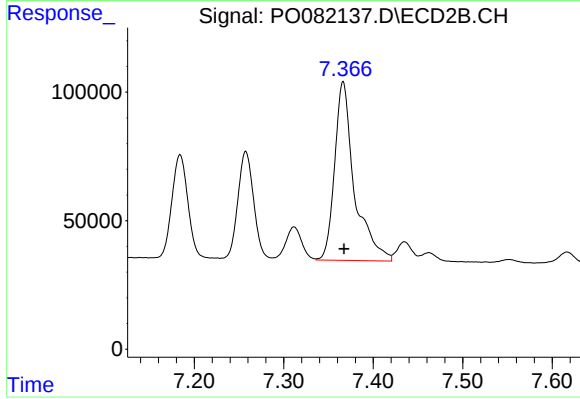
#29 AR-1254-4

R.T.: 6.935 min  
Delta R.T.: -0.002 min  
Response: 772286  
Conc: 525.83 ng/ml



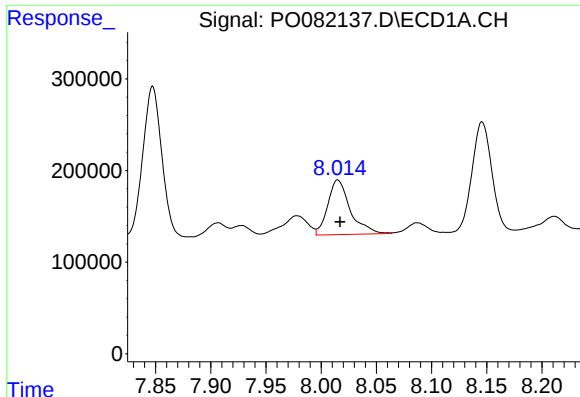
#30 AR-1254-5

R.T.: 8.577 min  
Delta R.T.: 0.000 min  
Response: 1582553  
Conc: 543.37 ng/ml



#30 AR-1254-5

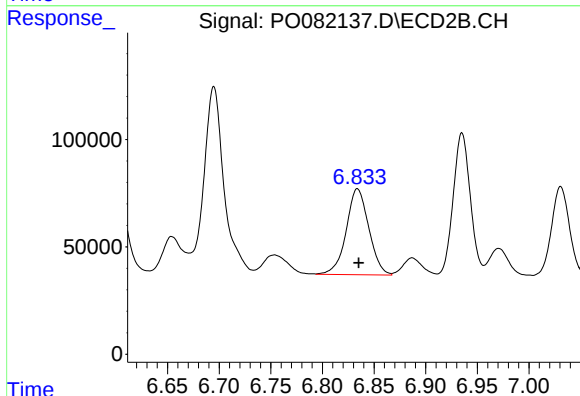
R.T.: 7.366 min  
Delta R.T.: -0.001 min  
Response: 1067745  
Conc: 518.50 ng/ml



#31 AR-1260-1

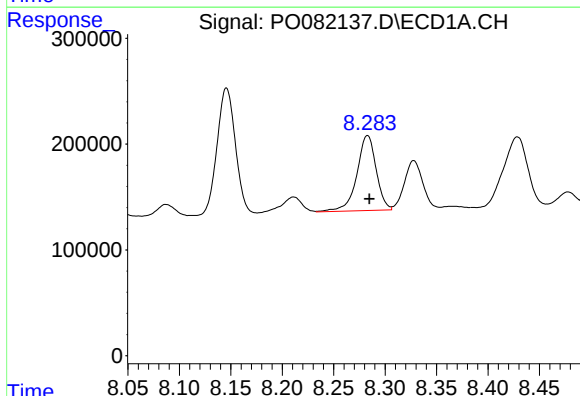
R.T.: 8.015 min  
Delta R.T.: -0.002 min  
Response: 846016  
Conc: 299.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



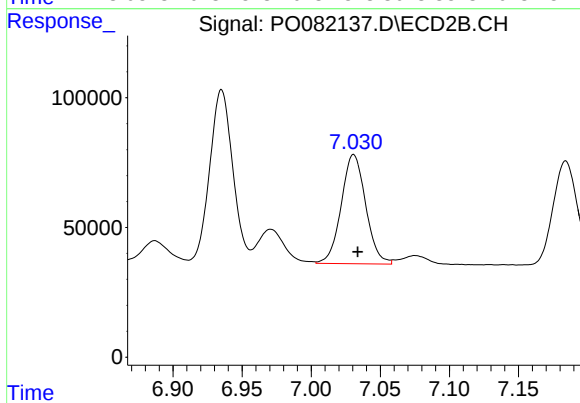
#31 AR-1260-1

R.T.: 6.834 min  
Delta R.T.: -0.001 min  
Response: 609457  
Conc: 368.17 ng/ml



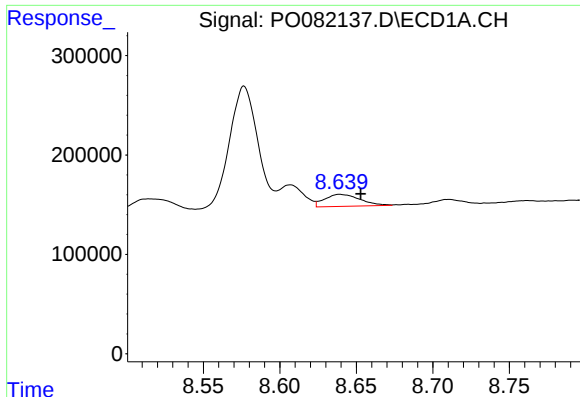
#32 AR-1260-2

R.T.: 8.283 min  
Delta R.T.: -0.002 min  
Response: 925987  
Conc: 278.35 ng/ml



#32 AR-1260-2

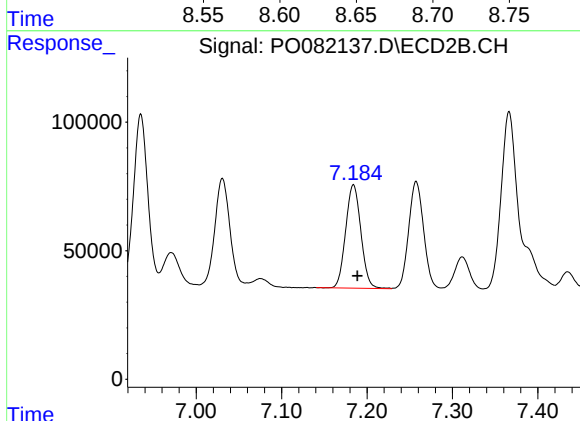
R.T.: 7.031 min  
Delta R.T.: -0.003 min  
Response: 518456  
Conc: 258.47 ng/ml



#33 AR-1260-3

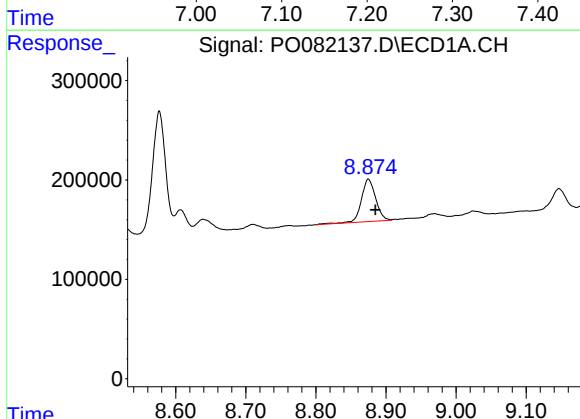
R.T.: 8.639 min  
Delta R.T.: -0.014 min  
Response: 193497  
Conc: 85.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



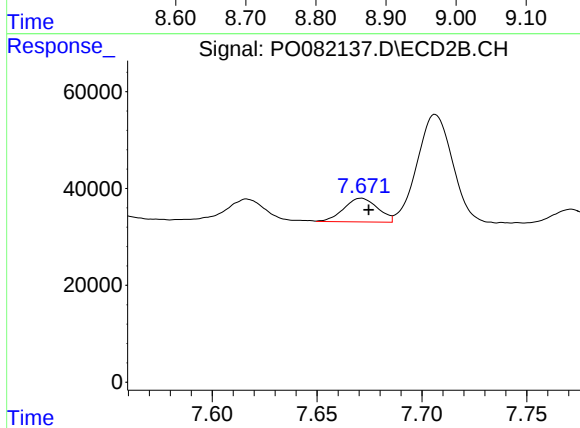
#33 AR-1260-3

R.T.: 7.184 min  
Delta R.T.: -0.005 min  
Response: 498361  
Conc: 263.07 ng/ml



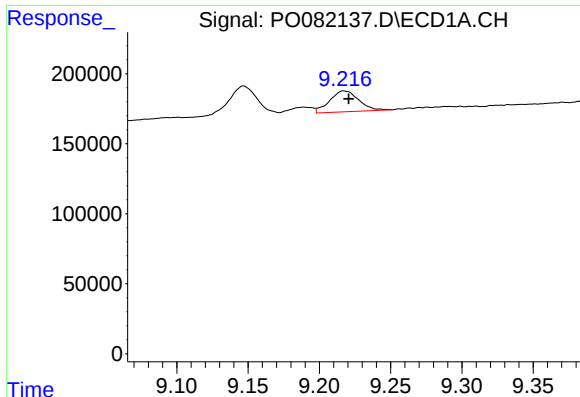
#34 AR-1260-4

R.T.: 8.875 min  
Delta R.T.: -0.010 min  
Response: 606047  
Conc: 228.93 ng/ml



#34 AR-1260-4

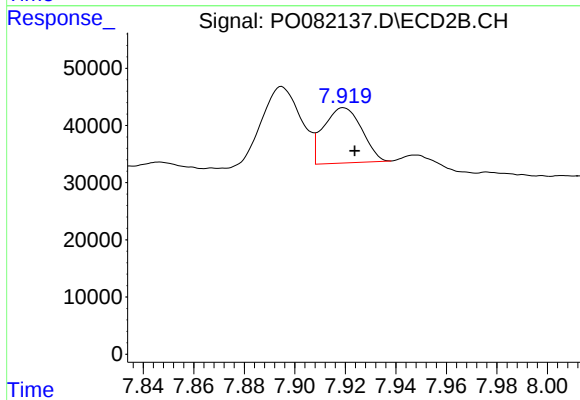
R.T.: 7.671 min  
Delta R.T.: -0.004 min  
Response: 54921  
Conc: 40.07 ng/ml



#35 AR-1260-5

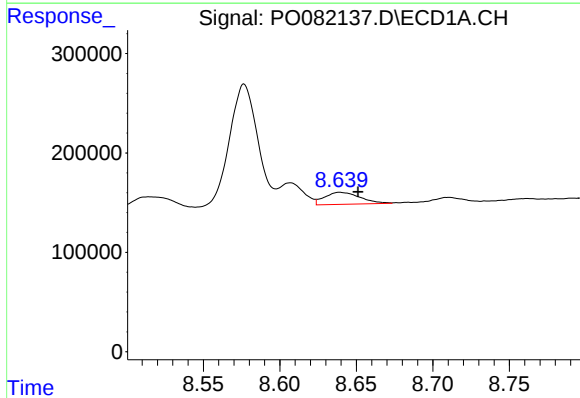
R.T.: 9.217 min  
Delta R.T.: -0.003 min  
Response: 211105  
Conc: 38.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



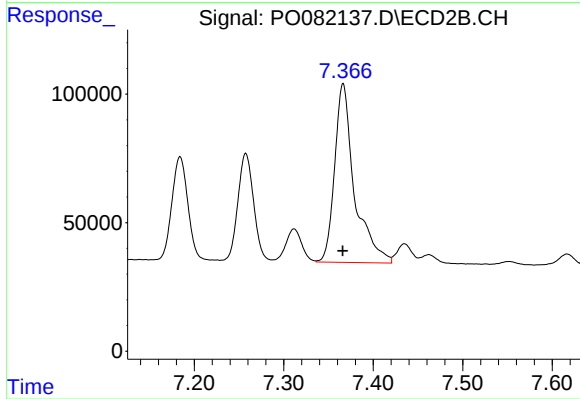
#35 AR-1260-5

R.T.: 7.919 min  
Delta R.T.: -0.004 min  
Response: 101672  
Conc: 30.77 ng/ml



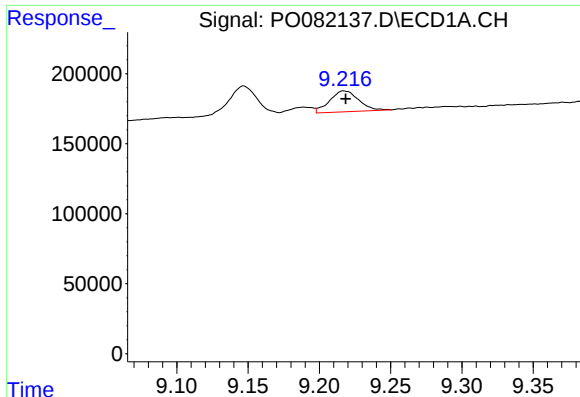
#36 AR-1262-1

R.T.: 8.639 min  
Delta R.T.: -0.012 min  
Response: 193497  
Conc: 56.57 ng/ml



#36 AR-1262-1

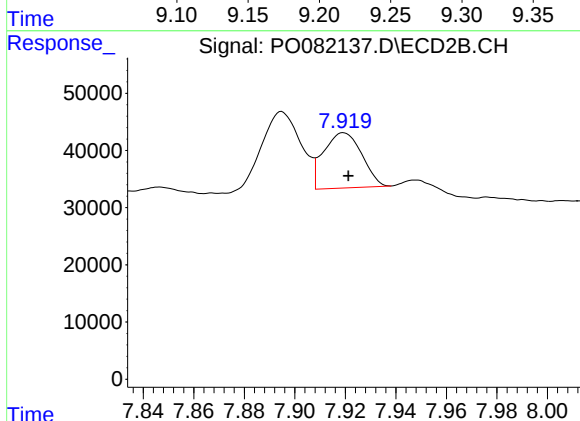
R.T.: 7.366 min  
Delta R.T.: 0.000 min  
Response: 1067745  
Conc: 967.95 ng/ml



#37 AR-1262-2

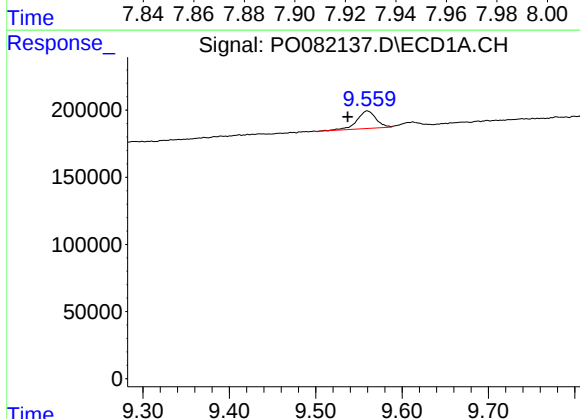
R.T.: 9.217 min  
Delta R.T.: -0.001 min  
Response: 211105  
Conc: 33.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



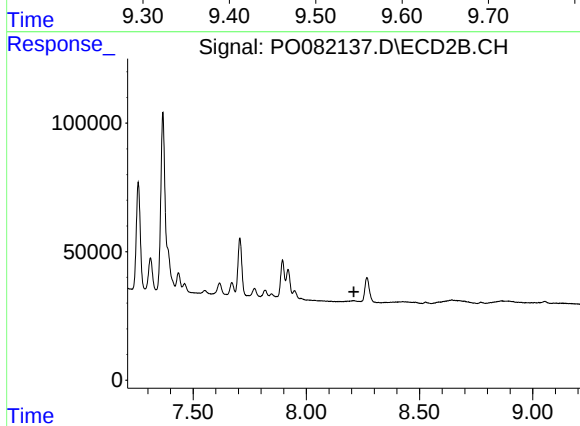
#37 AR-1262-2

R.T.: 7.919 min  
Delta R.T.: -0.002 min  
Response: 101672  
Conc: 28.46 ng/ml



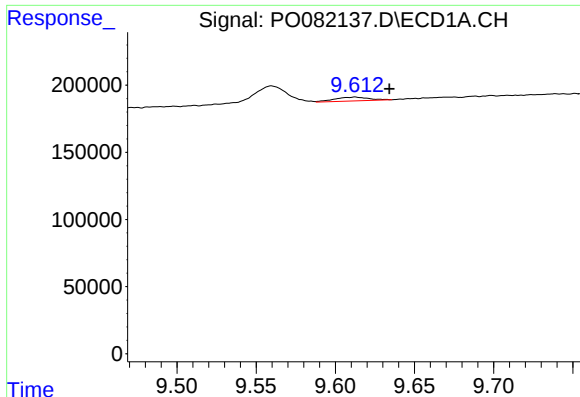
#38 AR-1262-3

R.T.: 9.560 min  
Delta R.T.: 0.023 min  
Response: 200390  
Conc: 72.86 ng/ml



#38 AR-1262-3

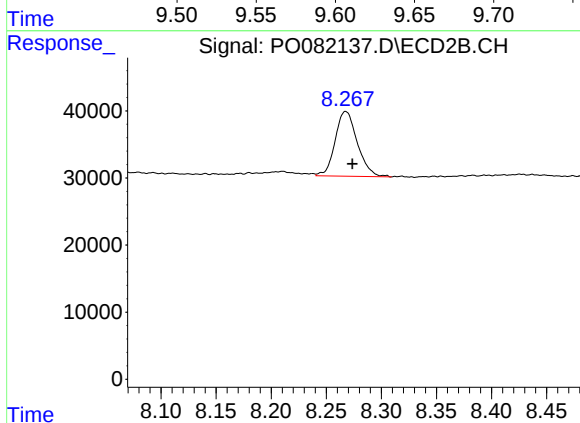
R.T.: 0.000 min  
Exp R.T.: 8.210 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

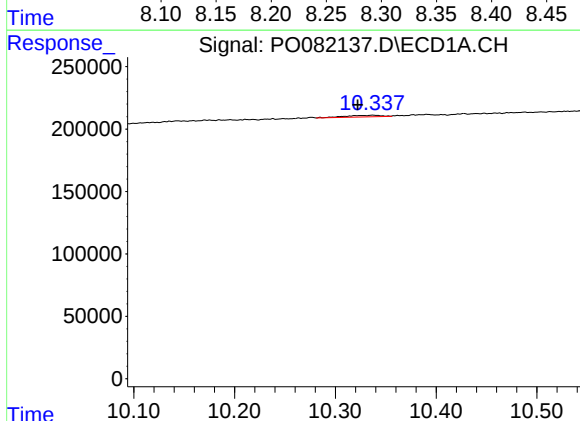
R.T.: 9.613 min  
Delta R.T.: -0.022 min  
Response: 42614  
Conc: 25.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



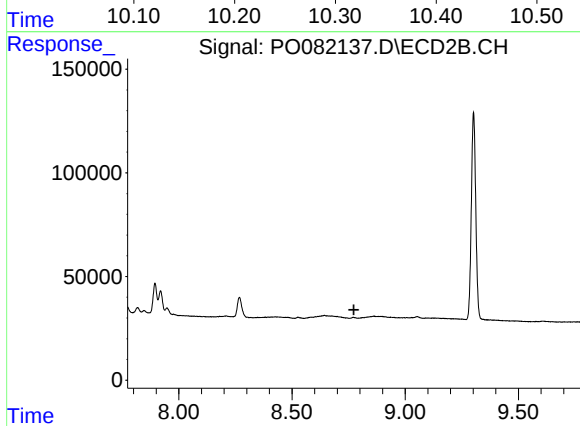
#39 AR-1262-4

R.T.: 8.268 min  
Delta R.T.: -0.006 min  
Response: 135176  
Conc: 50.79 ng/ml



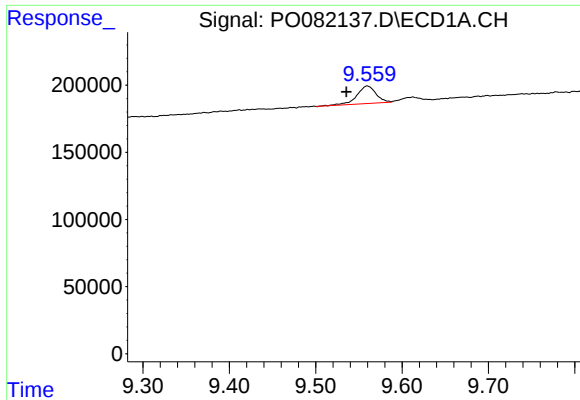
#40 AR-1262-5

R.T.: 10.337 min  
Delta R.T.: 0.015 min  
Response: 31562  
Conc: 13.85 ng/ml



#40 AR-1262-5

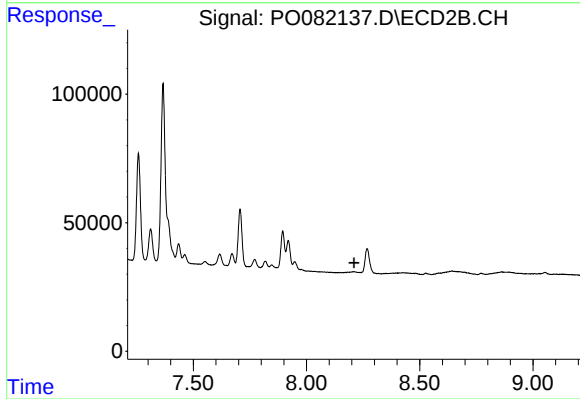
R.T.: 0.000 min  
Exp R.T.: 8.773 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

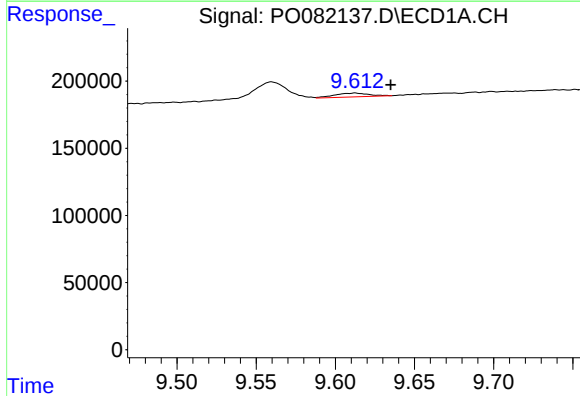
R.T.: 9.560 min  
Delta R.T.: 0.024 min  
Response: 200390  
Conc: 26.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



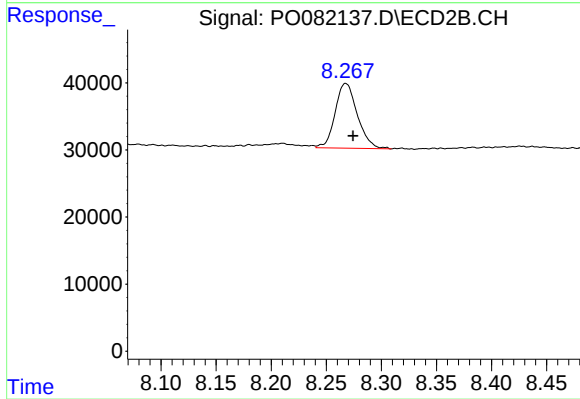
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.210 min  
Response: 0  
Conc: N.D.



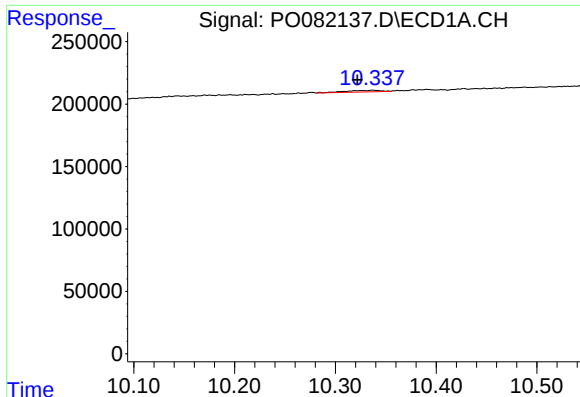
#42 AR-1268-2

R.T.: 9.613 min  
Delta R.T.: -0.023 min  
Response: 42614  
Conc: 6.30 ng/ml



#42 AR-1268-2

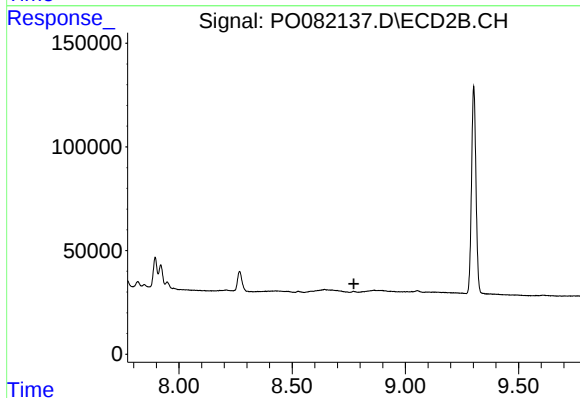
R.T.: 8.268 min  
Delta R.T.: -0.006 min  
Response: 135176  
Conc: 35.58 ng/ml



#44 AR-1268-4

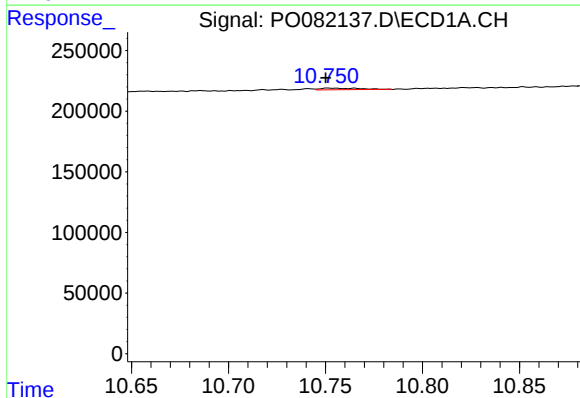
R.T.: 10.337 min  
Delta R.T.: 0.015 min  
Response: 31562  
Conc: 12.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



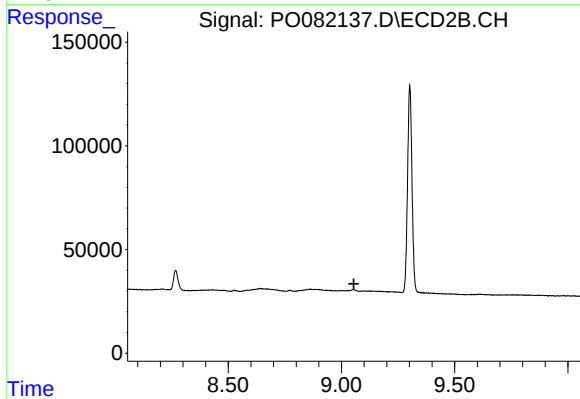
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.773 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.752 min  
Delta R.T.: 0.002 min  
Response: 17934  
Conc: 0.89 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.055 min  
Response: 0  
Conc: N.D.