

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO110521\  
 Data File : PO082537.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Nov 2021 11:17  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 00:58:39 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO110321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 03 05:20:12 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 |                 |        |       |         |         |          |          |
| 1)                          | SA Tetrachlo... | 4.967  | 3.963 | 4373936 | 1506042 | 49.971   | 48.665   |
| 2)                          | SA Decachlor... | 11.068 | 9.277 | 3130014 | 1411646 | 49.563   | 49.028   |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.300  | 5.222 | 1022741 | 477487  | 352.596  | 355.898  |
| 4)                          | L1 AR-1016-2    | 6.324  | 5.242 | 1459982 | 646386  | 353.745  | 351.031  |
| 5)                          | L1 AR-1016-3    | 6.390  | 5.432 | 921790  | 358548  | 359.958  | 359.663  |
| 6)                          | L1 AR-1016-4    | 6.497  | 5.486 | 737315  | 282699  | 357.183  | 346.579  |
| 7)                          | L1 AR-1016-5    | 6.815  | 5.714 | 709916  | 371255  | 348.134  | 364.182  |
| 8)                          | L2 AR-1221-1    | 5.211  | 4.221 | 156183  | 48396   | 165.613  | 126.711  |
| 9)                          | L2 AR-1221-2    | 5.321  | 4.320 | 172125  | 70360   | 265.547  | 242.362  |
| 10)                         | L2 AR-1221-3    | 5.408  | 4.409 | 615210  | 290565  | 298.224  | 314.015  |
| 11)                         | L3 AR-1232-1    | 5.408  | 4.409 | 615210  | 290565  | 355.142  | 368.069  |
| 12)                         | L3 AR-1232-2    | 6.002  | 5.242 | 825589  | 646386  | 933.631  | 861.122  |
| 13)                         | L3 AR-1232-3    | 6.324  | 5.432 | 1459982 | 358548  | 924.544  | 904.163  |
| 14)                         | L3 AR-1232-4    | 6.497  | 5.529 | 737315  | 327651  | 960.134  | 948.780  |
| 15)                         | L3 AR-1232-5    | 6.597  | 5.714 | 567602  | 371255  | 1026.822 | 990.263  |
| 16)                         | L4 AR-1242-1    | 6.300  | 5.222 | 1022741 | 477487  | 492.051  | 489.284  |
| 17)                         | L4 AR-1242-2    | 6.324  | 5.242 | 1459982 | 646386  | 500.499  | 480.182  |
| 18)                         | L4 AR-1242-3    | 6.390  | 5.432 | 921790  | 358548  | 499.717  | 491.879  |
| 19)                         | L4 AR-1242-4    | 6.497  | 5.529 | 737315  | 327651  | 493.342  | 458.952  |
| 20)                         | L4 AR-1242-5    | 7.286  | 6.095 | 958014  | 490961  | 640.397  | 531.807  |
| 21)                         | L5 AR-1248-1    | 6.300  | 5.222 | 1022741 | 477487  | 670.096  | 647.466  |
| 22)                         | L5 AR-1248-2    | 6.597  | 5.486 | 567602  | 282699  | 269.864  | 277.618  |
| 23)                         | L5 AR-1248-3    | 6.815  | 5.529 | 709916  | 327651  | 292.586  | 314.878  |
| 24)                         | L5 AR-1248-4    | 7.247  | 5.714 | 783975  | 371255  | 305.227  | 302.856  |
| 25)                         | L5 AR-1248-5    | 7.286  | 6.138 | 958014  | 417848  | 379.823  | 338.155  |
| 26)                         | L6 AR-1254-1    | 7.216  | 6.095 | 657448  | 490961  | 241.316  | 252.764  |
| 27)                         | L6 AR-1254-2    | 7.453  | 6.255 | 702384  | 128345  | 168.616  | 74.996 # |
| 28)                         | L6 AR-1254-3    | 7.832  | 6.676 | 302416  | 150897  | 70.708   | 58.694   |
| 29)                         | L6 AR-1254-4    | 8.130  | 6.917 | 205322  | 124538  | 66.953   | 68.513   |
| 30)                         | L6 AR-1254-5    | 8.561  | 7.347 | 59810   | 33583   | 18.598   | 14.448   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.823 | 0       | 56448   | N.D.     | 31.118 # |
| 32)                         | L7 AR-1260-2    | 8.259  | 7.018 | 75028   | 43151   | 19.960   | 18.031   |
| 33)                         | L7 AR-1260-3    | 8.626  | 7.164 | 13211   | 26167   | 4.665    | 12.304 # |
| 34)                         | L7 AR-1260-4    | 8.859  | 0.000 | 51532   | 0       | 15.459   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.198  | 0.000 | 15151   | 0       | 2.415    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.626  | 7.347 | 13211   | 33583   | 3.560    | 28.100 # |
| 37)                         | L8 AR-1262-2    | 9.198  | 0.000 | 15151   | 0       | 2.372    | N.D. #   |
| -----                       |                 |        |       |         |         |          |          |

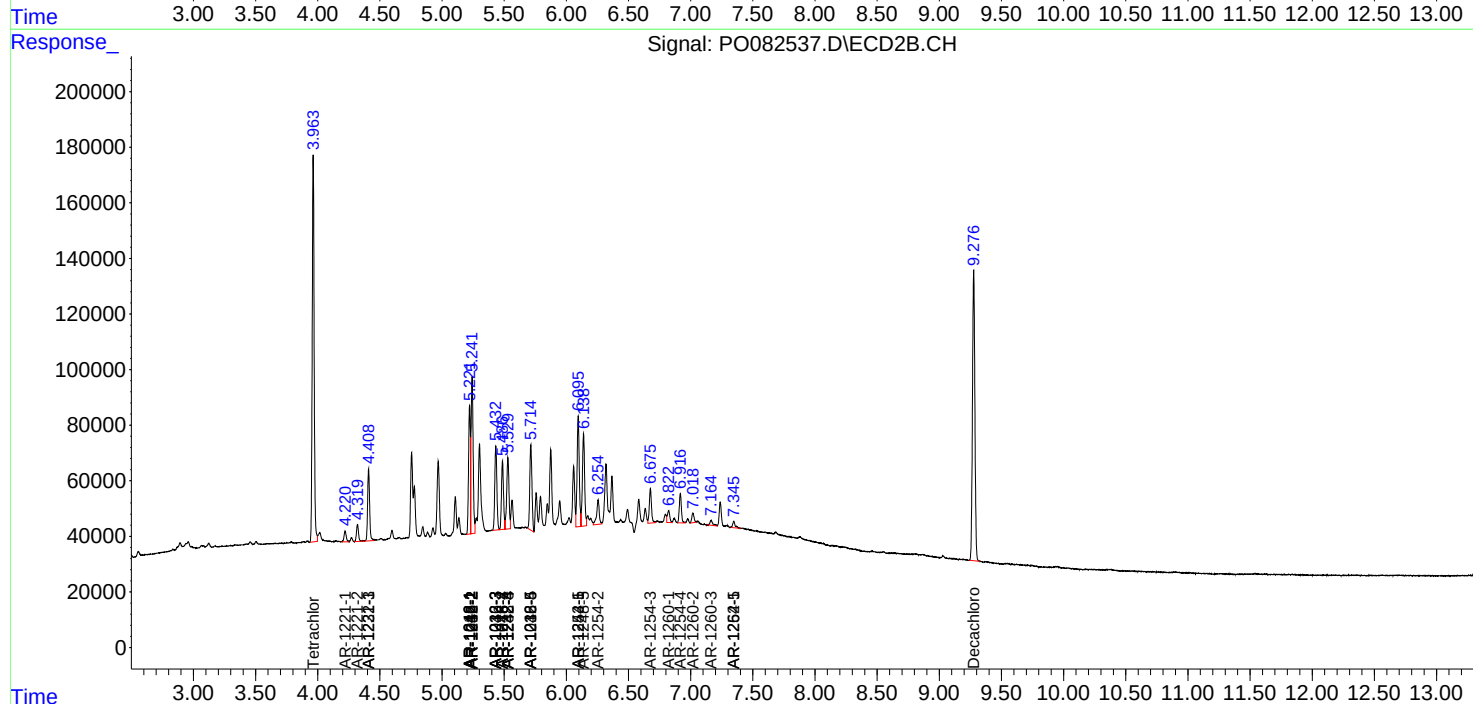
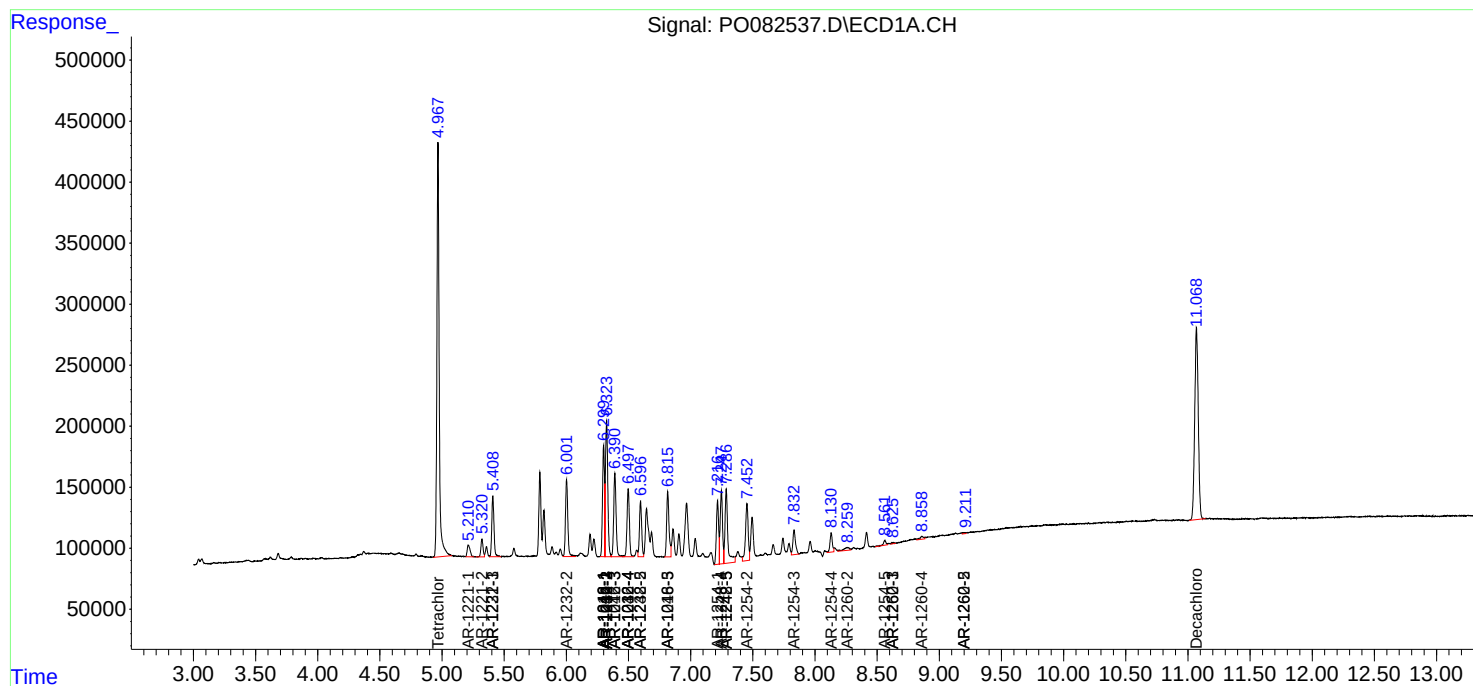
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

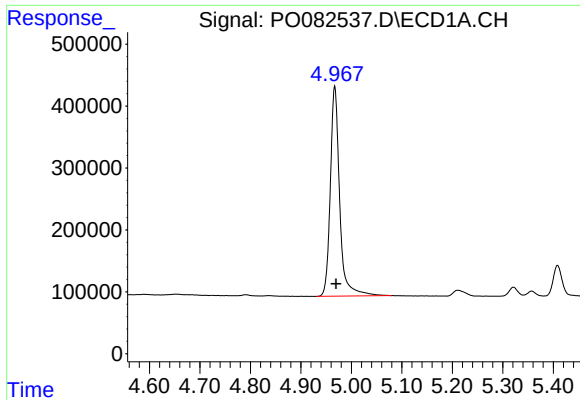
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110521\  
Data File : PO082537.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Nov 2021 11:17  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 00:58:39 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110321.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 03 05:20:12 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

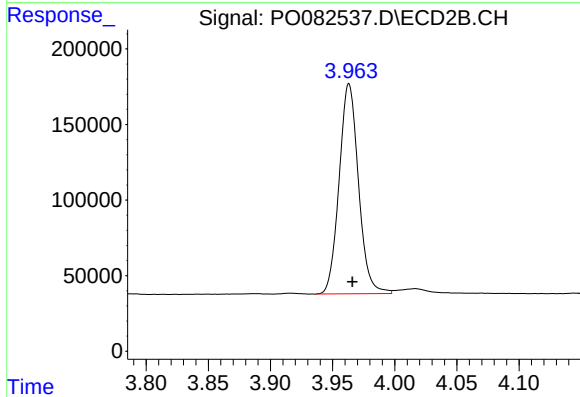




#1 Tetrachloro-m-xylene

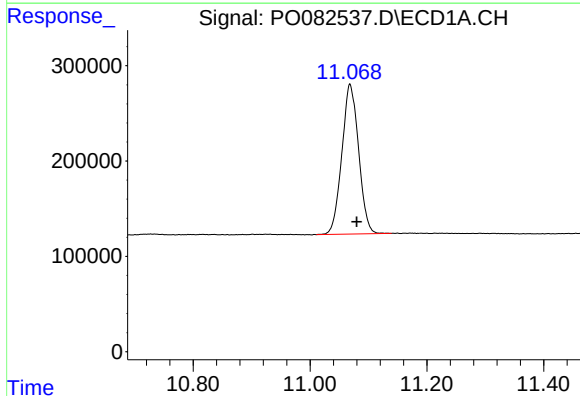
R.T.: 4.967 min  
Delta R.T.: -0.003 min  
Response: 4373936  
Conc: 49.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



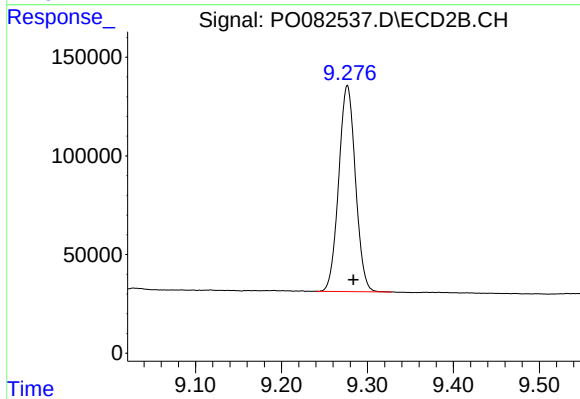
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: -0.003 min  
Response: 1506042  
Conc: 48.67 ng/ml



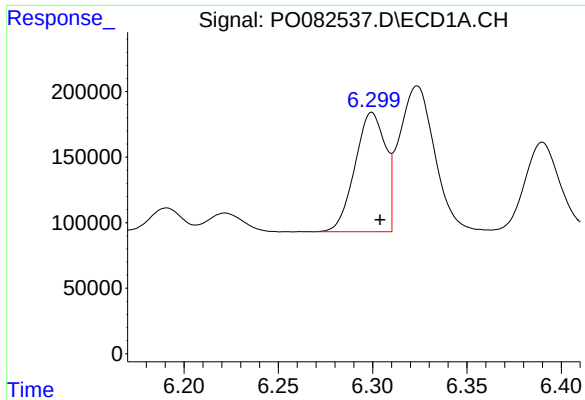
#2 Decachlorobiphenyl

R.T.: 11.068 min  
Delta R.T.: -0.011 min  
Response: 3130014  
Conc: 49.56 ng/ml



#2 Decachlorobiphenyl

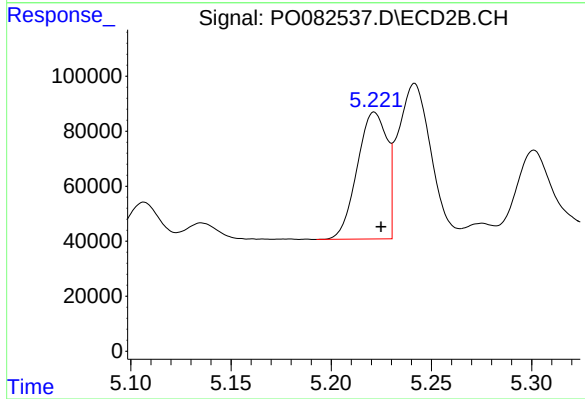
R.T.: 9.277 min  
Delta R.T.: -0.007 min  
Response: 1411646  
Conc: 49.03 ng/ml



#3 AR-1016-1

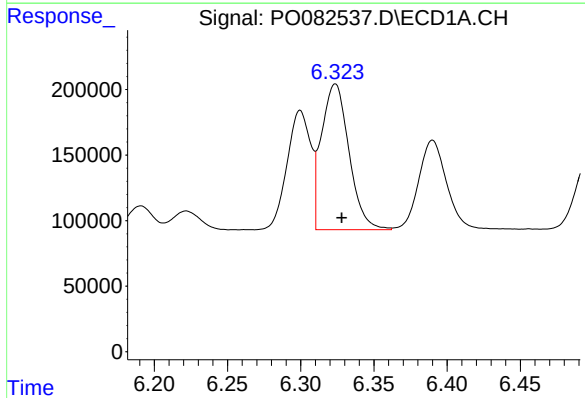
R.T.: 6.300 min  
Delta R.T.: -0.004 min  
Response: 1022741  
Conc: 352.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



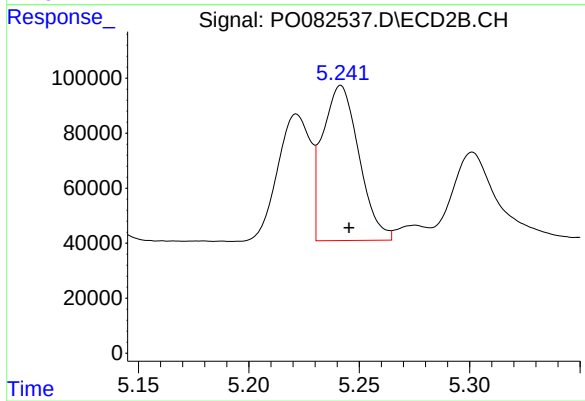
#3 AR-1016-1

R.T.: 5.222 min  
Delta R.T.: -0.003 min  
Response: 477487  
Conc: 355.90 ng/ml



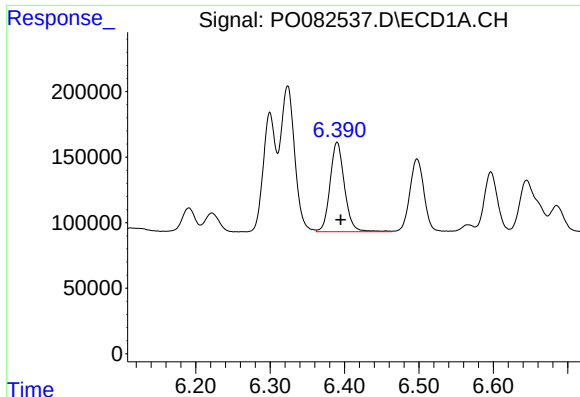
#4 AR-1016-2

R.T.: 6.324 min  
Delta R.T.: -0.004 min  
Response: 1459982  
Conc: 353.74 ng/ml



#4 AR-1016-2

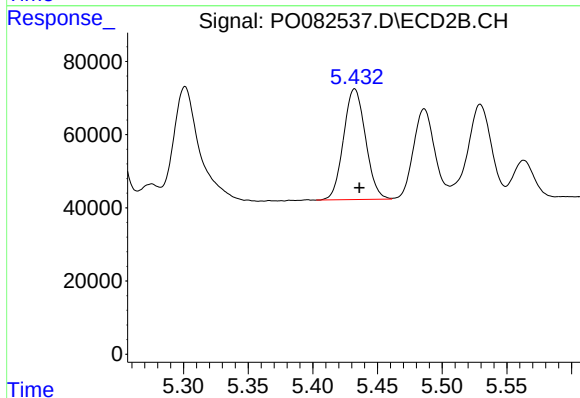
R.T.: 5.242 min  
Delta R.T.: -0.004 min  
Response: 646386  
Conc: 351.03 ng/ml



#5 AR-1016-3

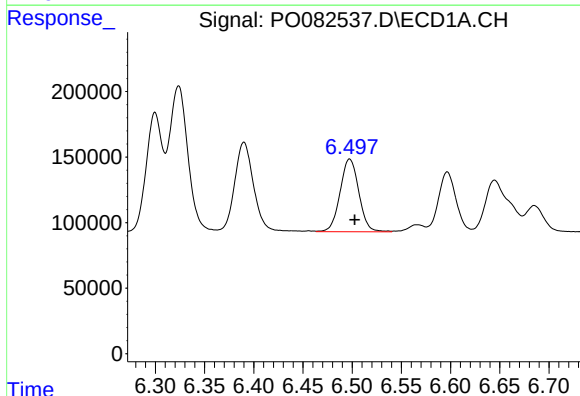
R.T.: 6.390 min  
Delta R.T.: -0.005 min  
Response: 921790  
Conc: 359.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



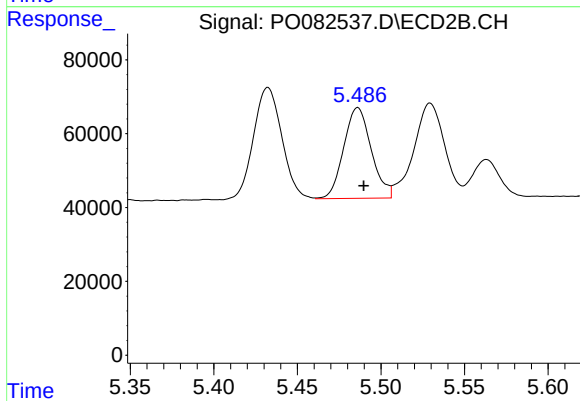
#5 AR-1016-3

R.T.: 5.432 min  
Delta R.T.: -0.004 min  
Response: 358548  
Conc: 359.66 ng/ml



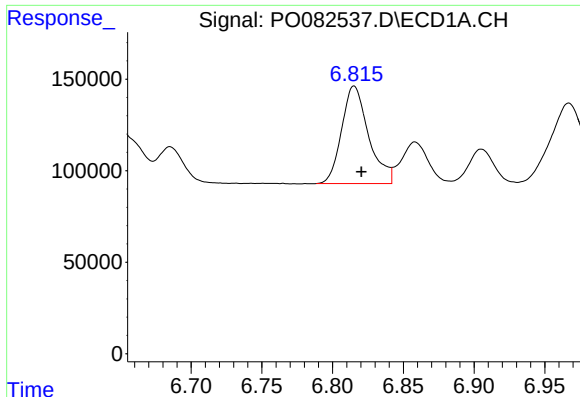
#6 AR-1016-4

R.T.: 6.497 min  
Delta R.T.: -0.005 min  
Response: 737315  
Conc: 357.18 ng/ml



#6 AR-1016-4

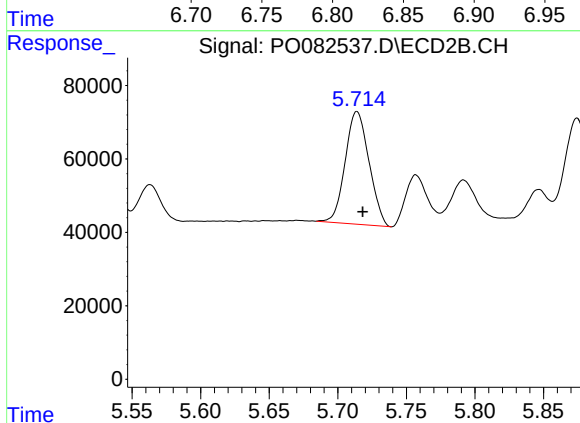
R.T.: 5.486 min  
Delta R.T.: -0.004 min  
Response: 282699  
Conc: 346.58 ng/ml



#7 AR-1016-5

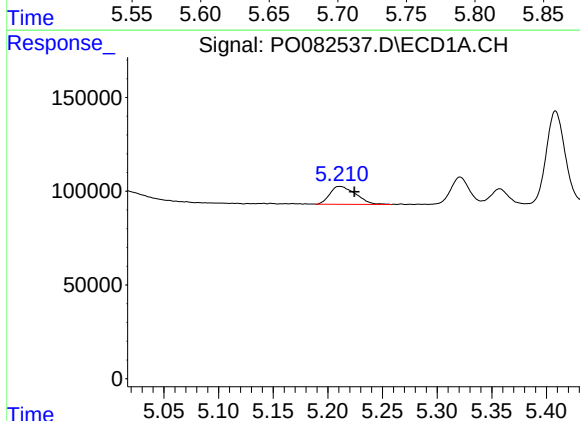
R.T.: 6.815 min  
Delta R.T.: -0.005 min  
Response: 709916  
Conc: 348.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



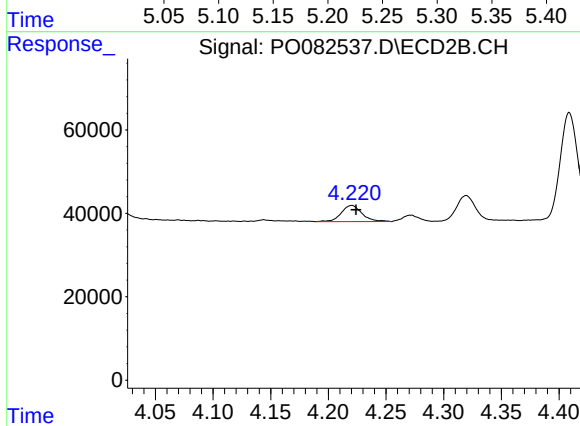
#7 AR-1016-5

R.T.: 5.714 min  
Delta R.T.: -0.004 min  
Response: 371255  
Conc: 364.18 ng/ml



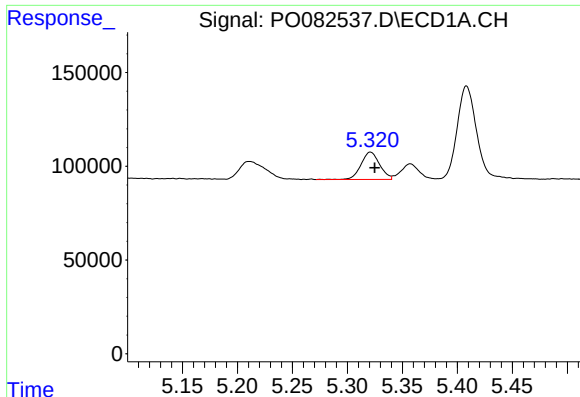
#8 AR-1221-1

R.T.: 5.211 min  
Delta R.T.: -0.014 min  
Response: 156183  
Conc: 165.61 ng/ml



#8 AR-1221-1

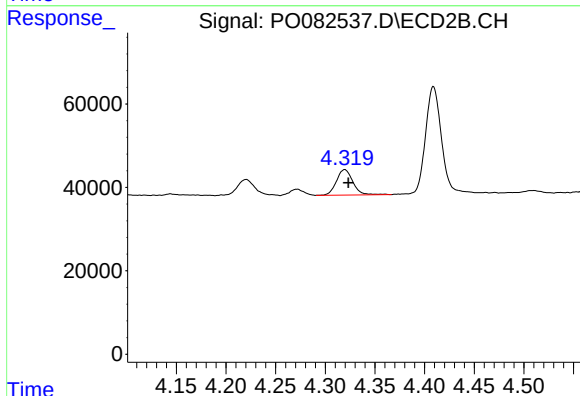
R.T.: 4.221 min  
Delta R.T.: -0.004 min  
Response: 48396  
Conc: 126.71 ng/ml



#9 AR-1221-2

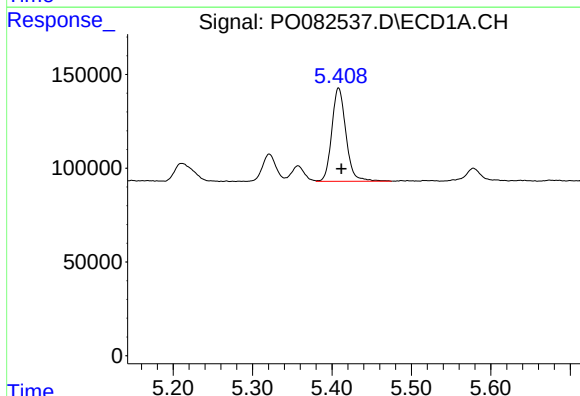
R.T.: 5.321 min  
Delta R.T.: -0.004 min  
Response: 172125  
Conc: 265.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



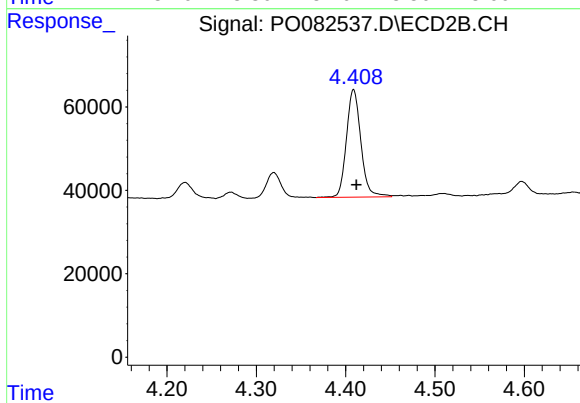
#9 AR-1221-2

R.T.: 4.320 min  
Delta R.T.: -0.004 min  
Response: 70360  
Conc: 242.36 ng/ml



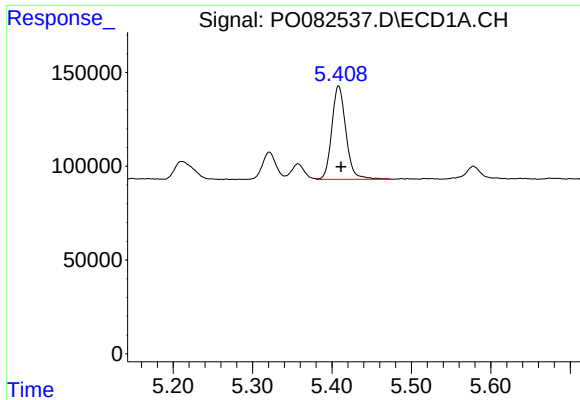
#10 AR-1221-3

R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 615210  
Conc: 298.22 ng/ml



#10 AR-1221-3

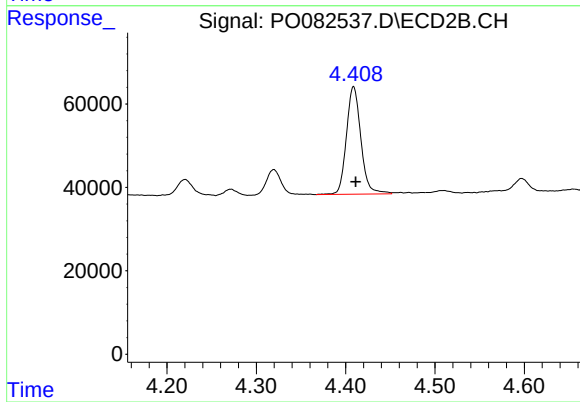
R.T.: 4.409 min  
Delta R.T.: -0.003 min  
Response: 290565  
Conc: 314.01 ng/ml



#11 AR-1232-1

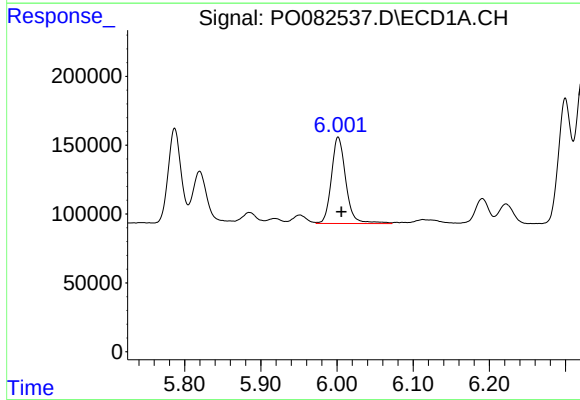
R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 615210  
Conc: 355.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



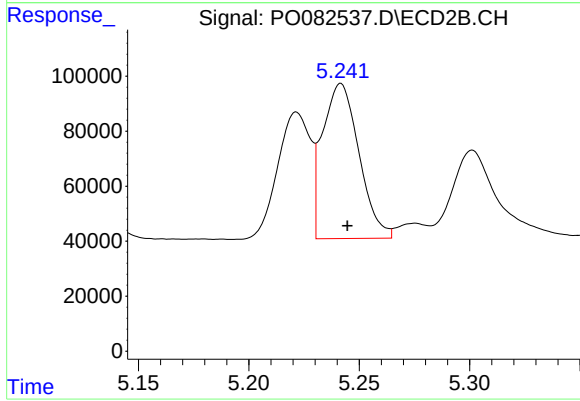
#11 AR-1232-1

R.T.: 4.409 min  
Delta R.T.: -0.002 min  
Response: 290565  
Conc: 368.07 ng/ml



#12 AR-1232-2

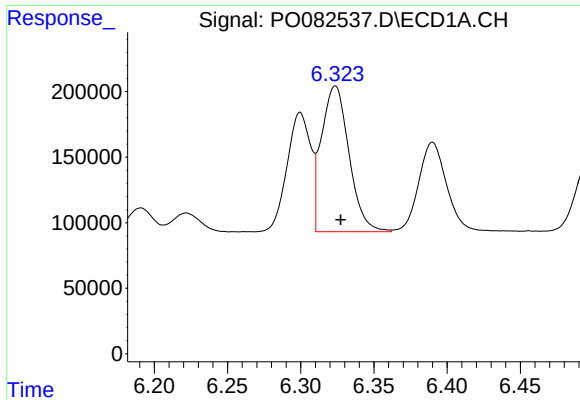
R.T.: 6.002 min  
Delta R.T.: -0.004 min  
Response: 825589  
Conc: 933.63 ng/ml



#12 AR-1232-2

R.T.: 5.242 min  
Delta R.T.: -0.003 min  
Response: 646386  
Conc: 861.12 ng/ml

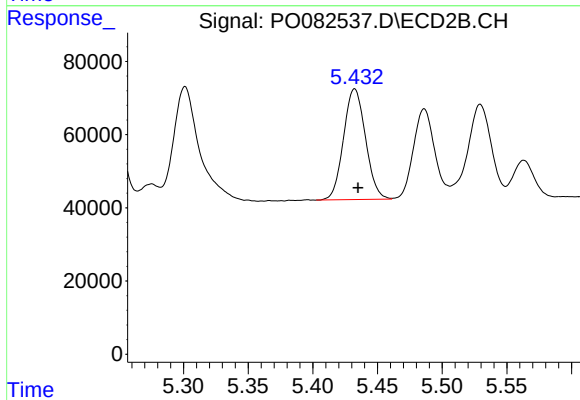




#13 AR-1232-3

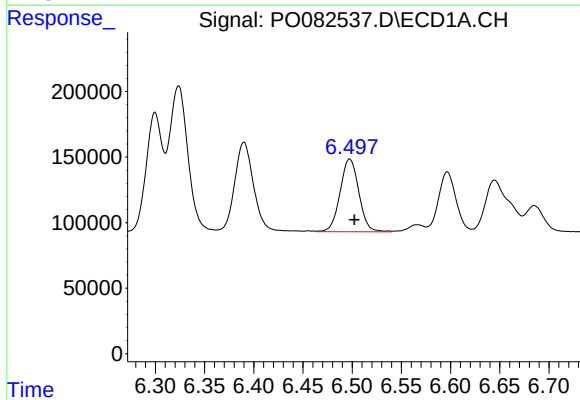
R.T.: 6.324 min  
Delta R.T.: -0.004 min  
Response: 1459982  
Conc: 924.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



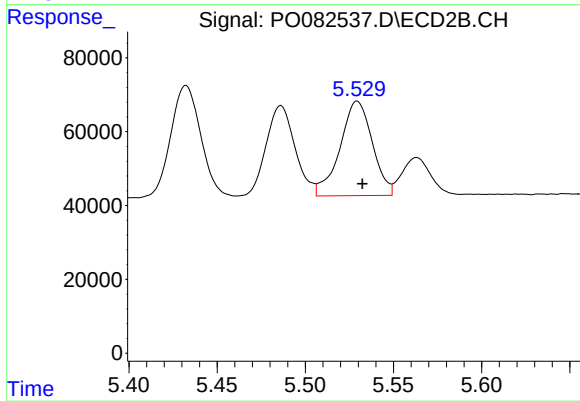
#13 AR-1232-3

R.T.: 5.432 min  
Delta R.T.: -0.003 min  
Response: 358548  
Conc: 904.16 ng/ml



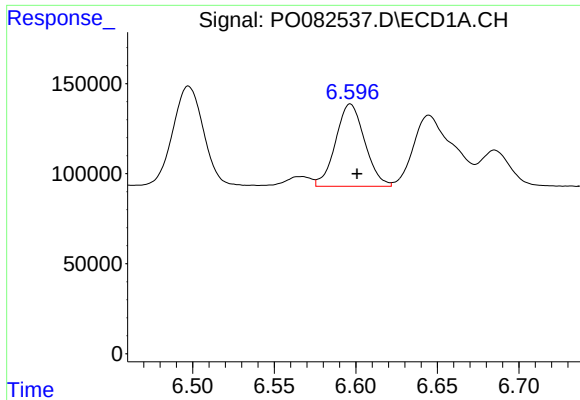
#14 AR-1232-4

R.T.: 6.497 min  
Delta R.T.: -0.005 min  
Response: 737315  
Conc: 960.13 ng/ml



#14 AR-1232-4

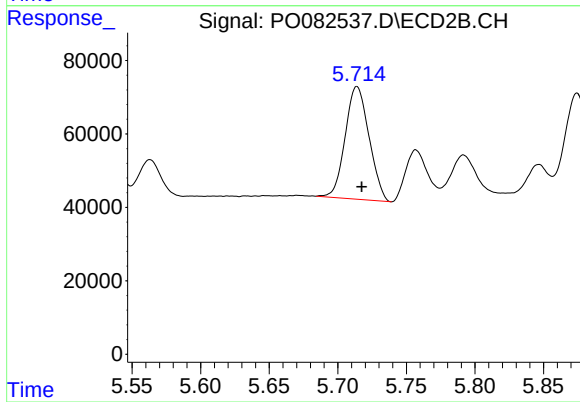
R.T.: 5.529 min  
Delta R.T.: -0.003 min  
Response: 327651  
Conc: 948.78 ng/ml



#15 AR-1232-5

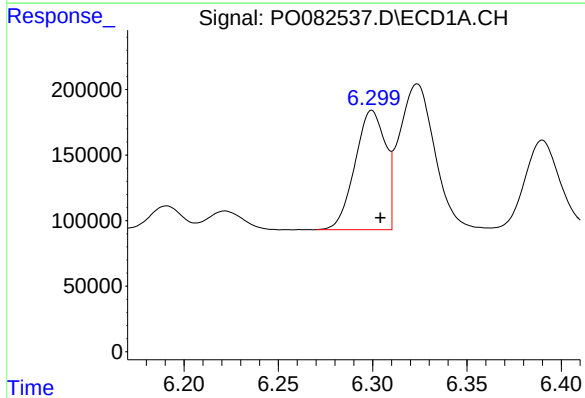
R.T.: 6.597 min  
Delta R.T.: -0.004 min  
Response: 567602  
Conc: 1026.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



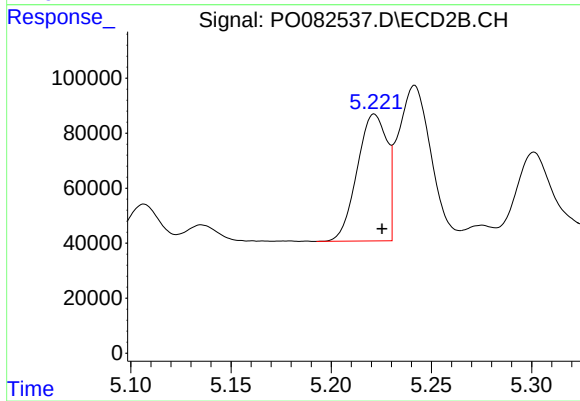
#15 AR-1232-5

R.T.: 5.714 min  
Delta R.T.: -0.004 min  
Response: 371255  
Conc: 990.26 ng/ml



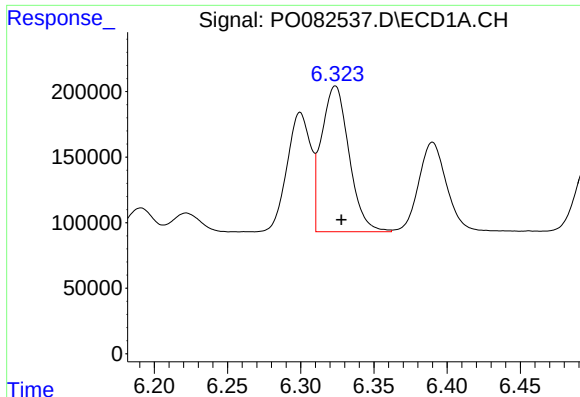
#16 AR-1242-1

R.T.: 6.300 min  
Delta R.T.: -0.005 min  
Response: 1022741  
Conc: 492.05 ng/ml



#16 AR-1242-1

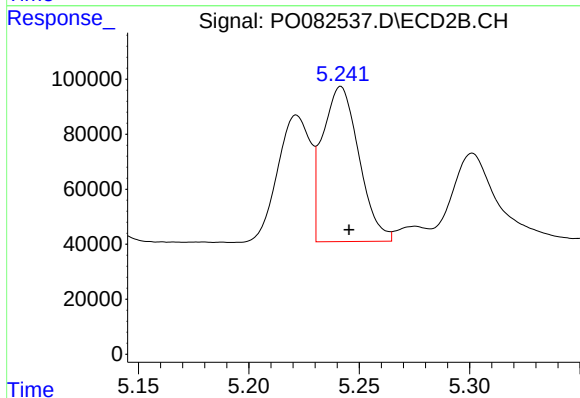
R.T.: 5.222 min  
Delta R.T.: -0.004 min  
Response: 477487  
Conc: 489.28 ng/ml



#17 AR-1242-2

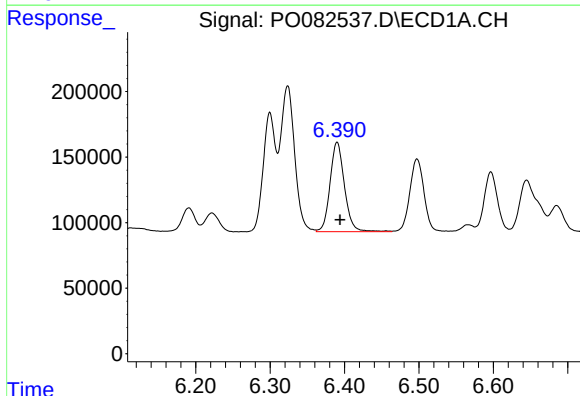
R.T.: 6.324 min  
Delta R.T.: -0.004 min  
Response: 1459982  
Conc: 500.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



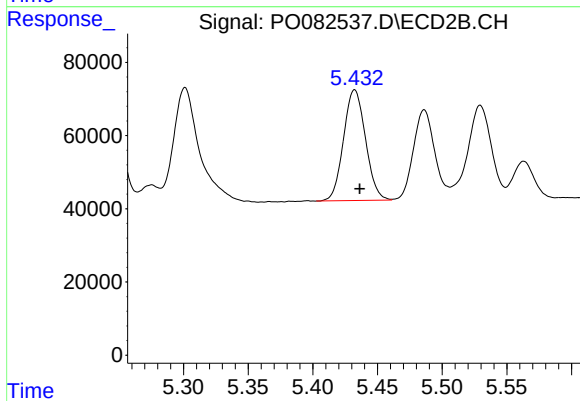
#17 AR-1242-2

R.T.: 5.242 min  
Delta R.T.: -0.004 min  
Response: 646386  
Conc: 480.18 ng/ml



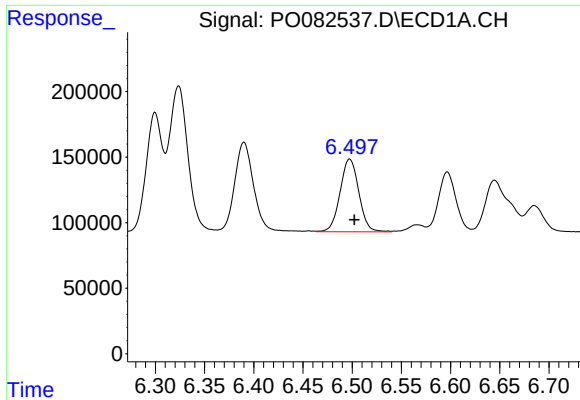
#18 AR-1242-3

R.T.: 6.390 min  
Delta R.T.: -0.004 min  
Response: 921790  
Conc: 499.72 ng/ml



#18 AR-1242-3

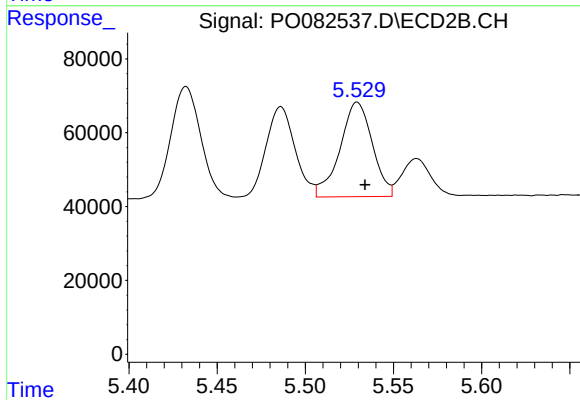
R.T.: 5.432 min  
Delta R.T.: -0.004 min  
Response: 358548  
Conc: 491.88 ng/ml



#19 AR-1242-4

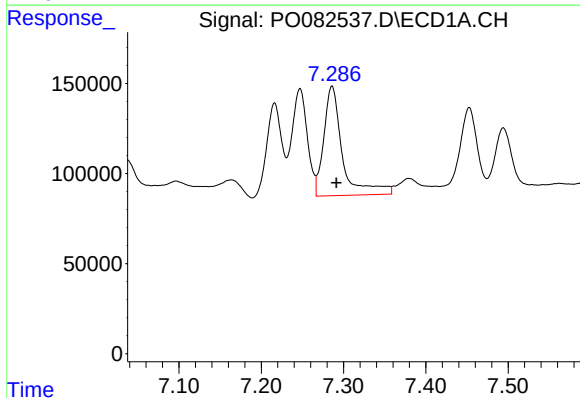
R.T.: 6.497 min  
Delta R.T.: -0.005 min  
Response: 737315  
Conc: 493.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



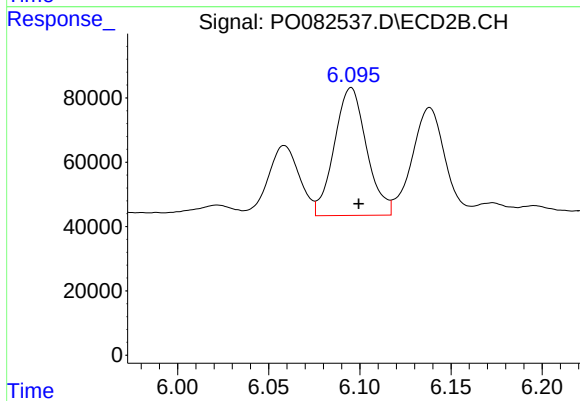
#19 AR-1242-4

R.T.: 5.529 min  
Delta R.T.: -0.004 min  
Response: 327651  
Conc: 458.95 ng/ml



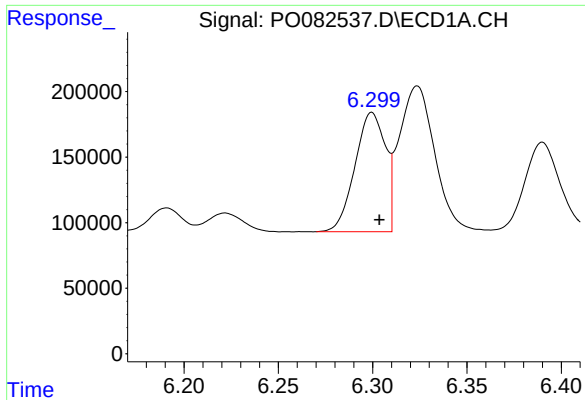
#20 AR-1242-5

R.T.: 7.286 min  
Delta R.T.: -0.005 min  
Response: 958014  
Conc: 640.40 ng/ml



#20 AR-1242-5

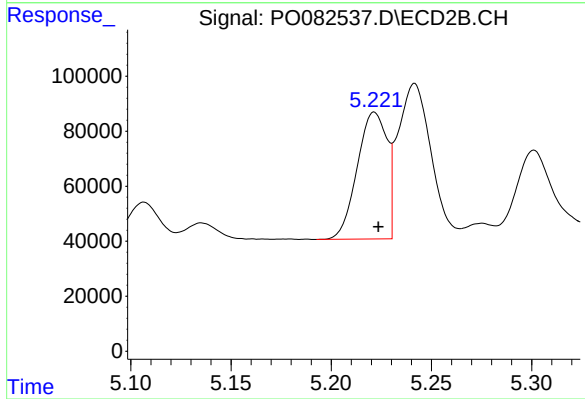
R.T.: 6.095 min  
Delta R.T.: -0.004 min  
Response: 490961  
Conc: 531.81 ng/ml



#21 AR-1248-1

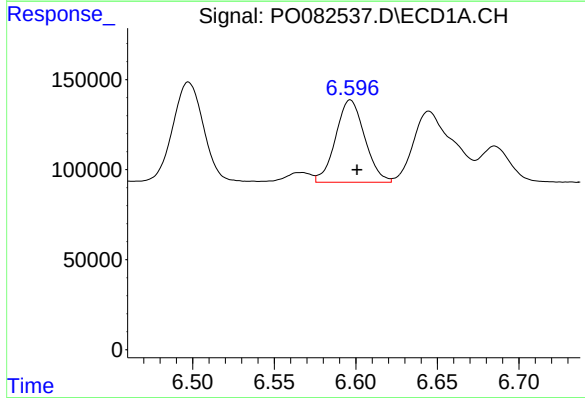
R.T.: 6.300 min  
Delta R.T.: -0.004 min  
Response: 1022741  
Conc: 670.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



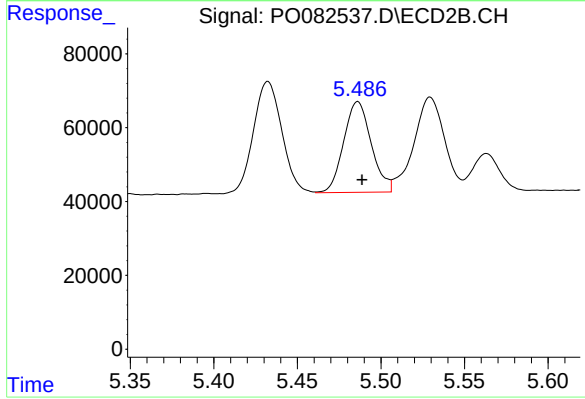
#21 AR-1248-1

R.T.: 5.222 min  
Delta R.T.: -0.002 min  
Response: 477487  
Conc: 647.47 ng/ml



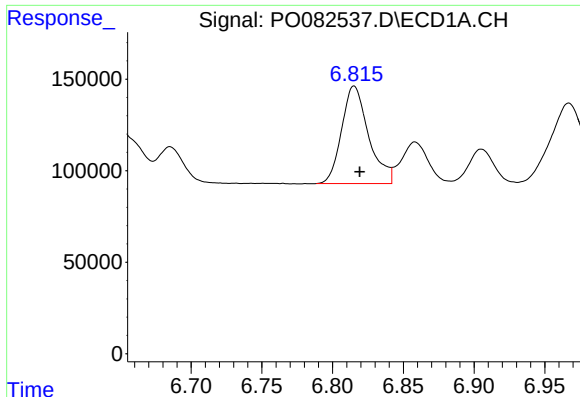
#22 AR-1248-2

R.T.: 6.597 min  
Delta R.T.: -0.004 min  
Response: 567602  
Conc: 269.86 ng/ml



#22 AR-1248-2

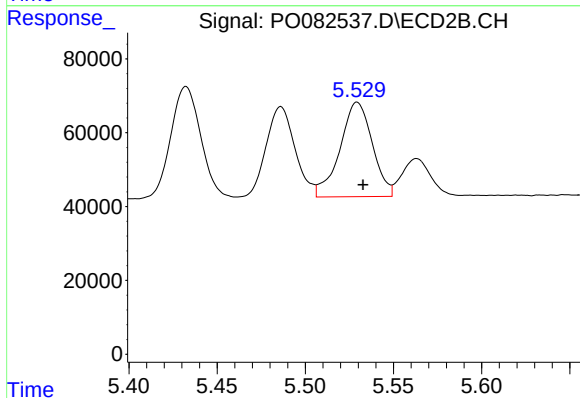
R.T.: 5.486 min  
Delta R.T.: -0.003 min  
Response: 282699  
Conc: 277.62 ng/ml



#23 AR-1248-3

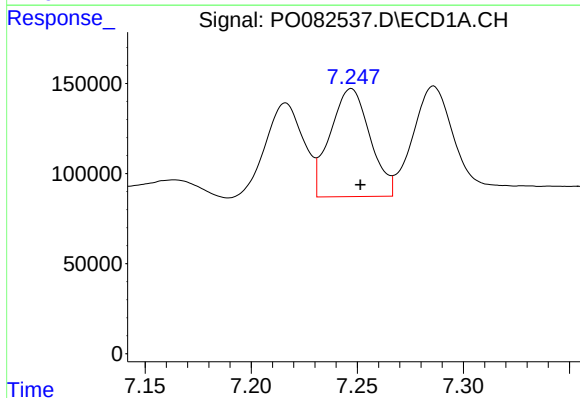
R.T.: 6.815 min  
Delta R.T.: -0.004 min  
Response: 709916  
Conc: 292.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



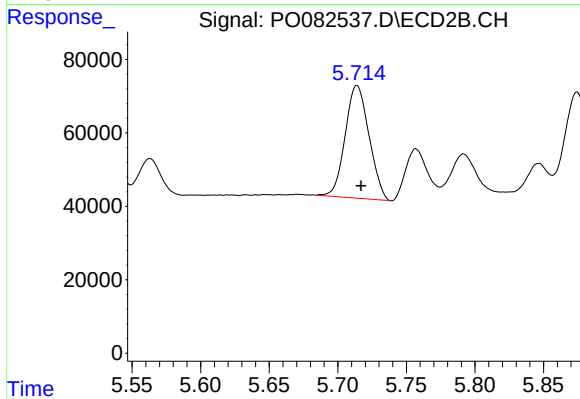
#23 AR-1248-3

R.T.: 5.529 min  
Delta R.T.: -0.003 min  
Response: 327651  
Conc: 314.88 ng/ml



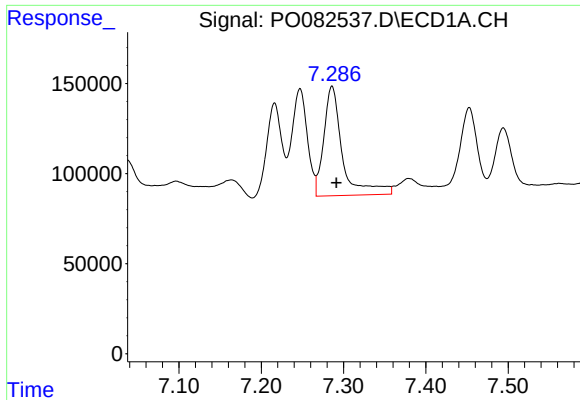
#24 AR-1248-4

R.T.: 7.247 min  
Delta R.T.: -0.004 min  
Response: 783975  
Conc: 305.23 ng/ml



#24 AR-1248-4

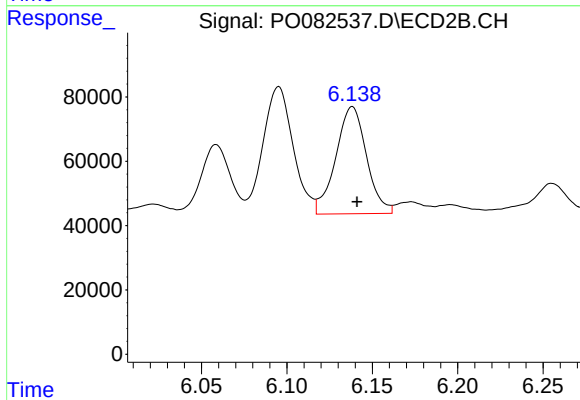
R.T.: 5.714 min  
Delta R.T.: -0.003 min  
Response: 371255  
Conc: 302.86 ng/ml



#25 AR-1248-5

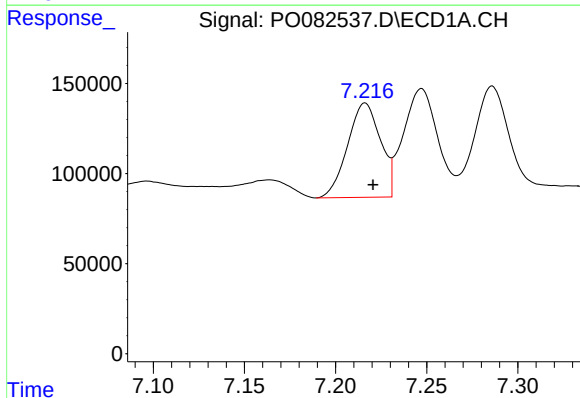
R.T.: 7.286 min  
Delta R.T.: -0.005 min  
Response: 958014  
Conc: 379.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



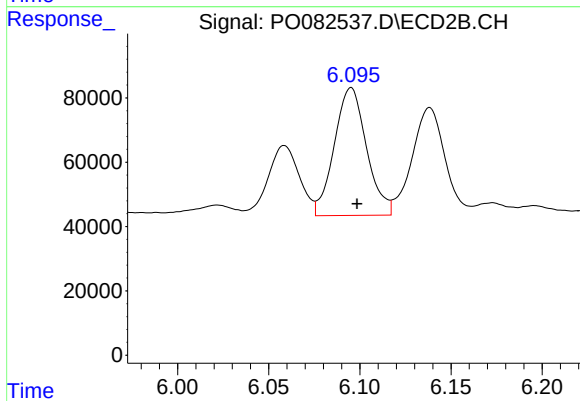
#25 AR-1248-5

R.T.: 6.138 min  
Delta R.T.: -0.003 min  
Response: 417848  
Conc: 338.15 ng/ml



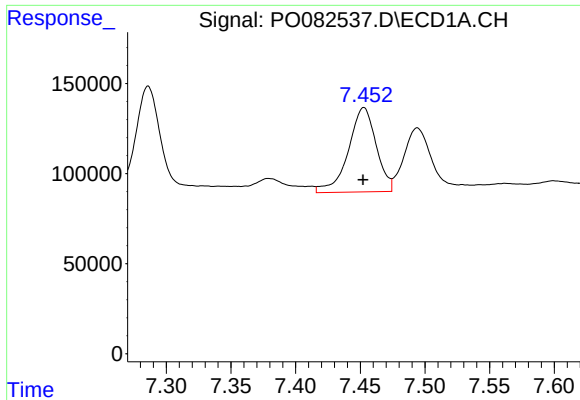
#26 AR-1254-1

R.T.: 7.216 min  
Delta R.T.: -0.004 min  
Response: 657448  
Conc: 241.32 ng/ml



#26 AR-1254-1

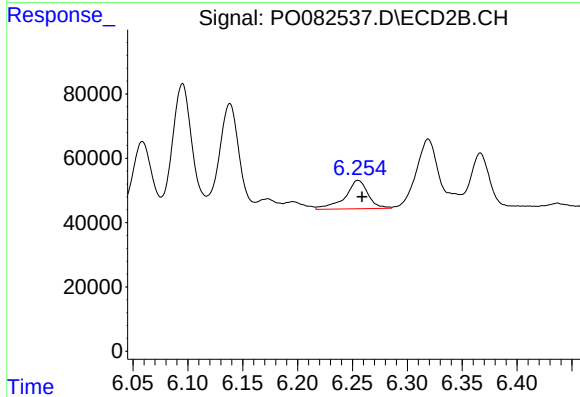
R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 490961  
Conc: 252.76 ng/ml



#27 AR-1254-2

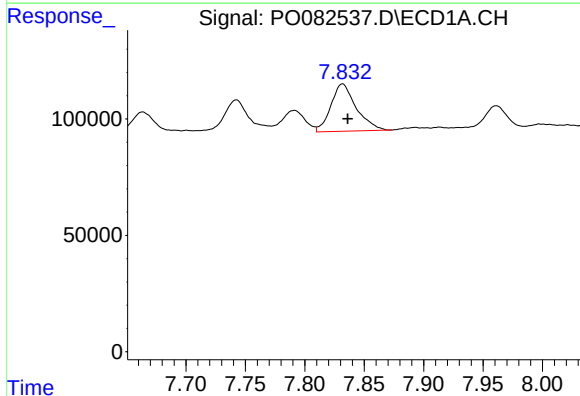
R.T.: 7.453 min  
Delta R.T.: 0.000 min  
Response: 702384  
Conc: 168.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



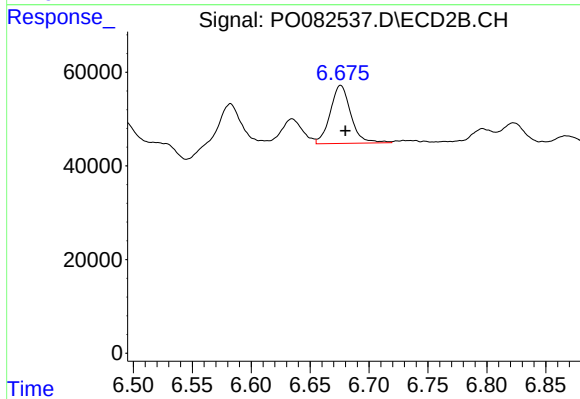
#27 AR-1254-2

R.T.: 6.255 min  
Delta R.T.: -0.004 min  
Response: 128345  
Conc: 75.00 ng/ml



#28 AR-1254-3

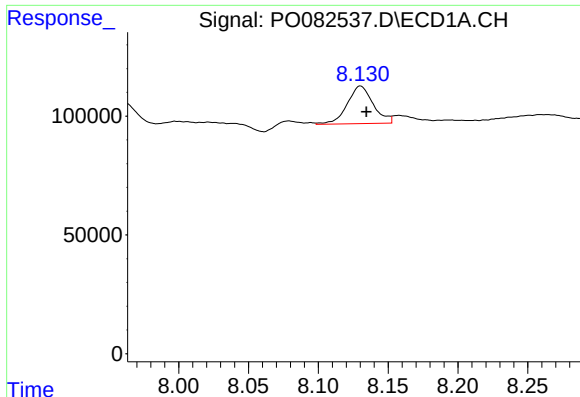
R.T.: 7.832 min  
Delta R.T.: -0.004 min  
Response: 302416  
Conc: 70.71 ng/ml



#28 AR-1254-3

R.T.: 6.676 min  
Delta R.T.: -0.004 min  
Response: 150897  
Conc: 58.69 ng/ml

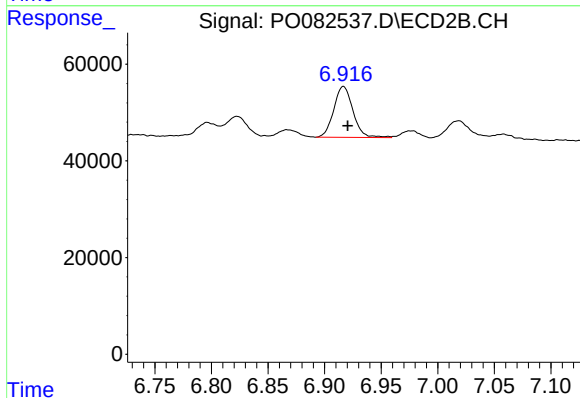




#29 AR-1254-4

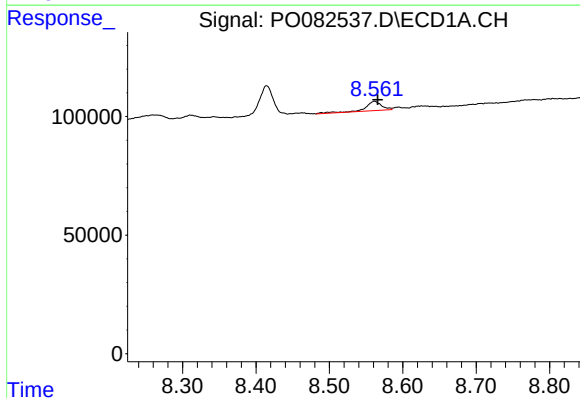
R.T.: 8.130 min  
Delta R.T.: -0.004 min  
Response: 205322  
Conc: 66.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



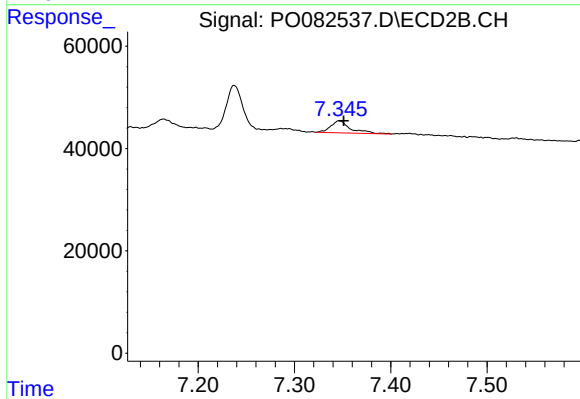
#29 AR-1254-4

R.T.: 6.917 min  
Delta R.T.: -0.004 min  
Response: 124538  
Conc: 68.51 ng/ml



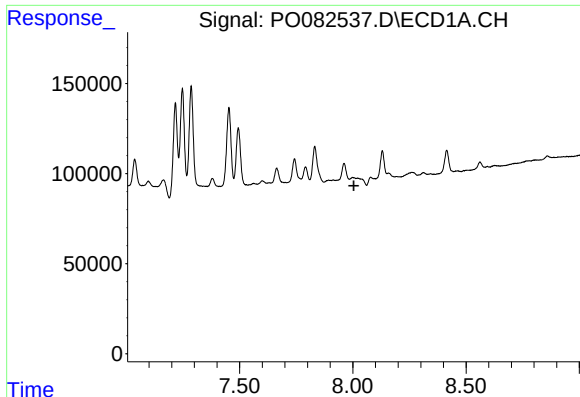
#30 AR-1254-5

R.T.: 8.561 min  
Delta R.T.: -0.004 min  
Response: 59810  
Conc: 18.60 ng/ml



#30 AR-1254-5

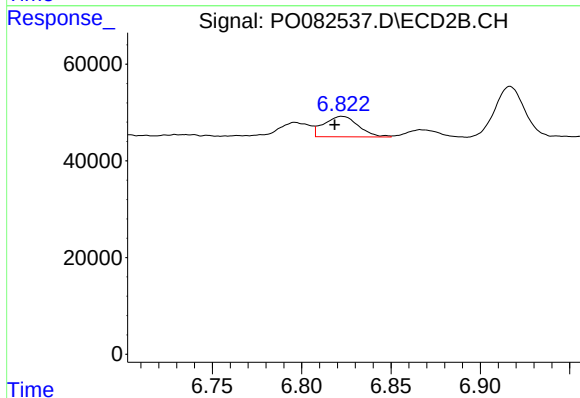
R.T.: 7.347 min  
Delta R.T.: -0.005 min  
Response: 33583  
Conc: 14.45 ng/ml



#31 AR-1260-1

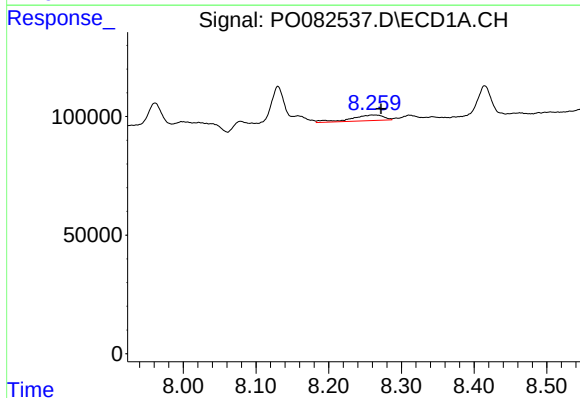
R.T.: 0.000 min  
Exp R.T.: 8.005 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



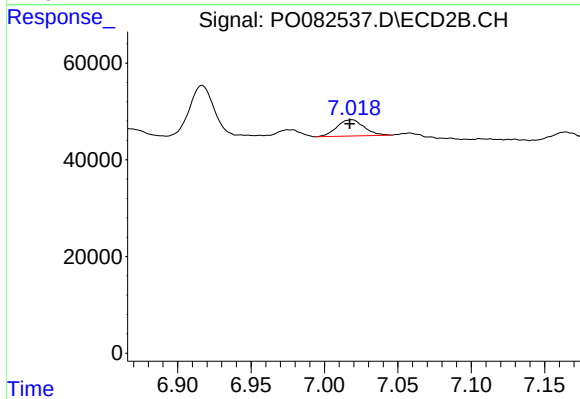
#31 AR-1260-1

R.T.: 6.823 min  
Delta R.T.: 0.004 min  
Response: 56448  
Conc: 31.12 ng/ml



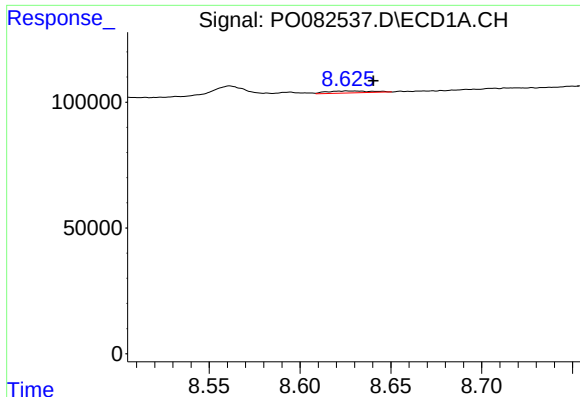
#32 AR-1260-2

R.T.: 8.259 min  
Delta R.T.: -0.013 min  
Response: 75028  
Conc: 19.96 ng/ml



#32 AR-1260-2

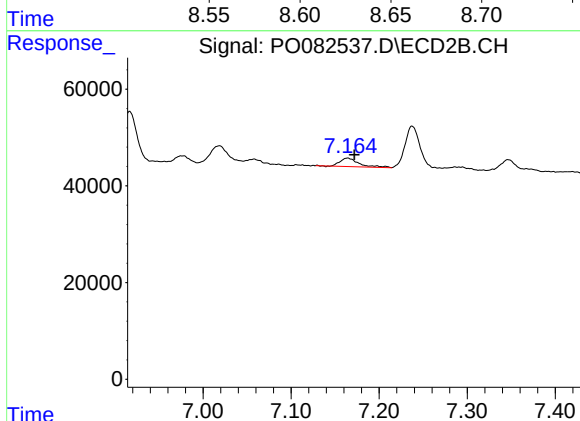
R.T.: 7.018 min  
Delta R.T.: 0.001 min  
Response: 43151  
Conc: 18.03 ng/ml



#33 AR-1260-3

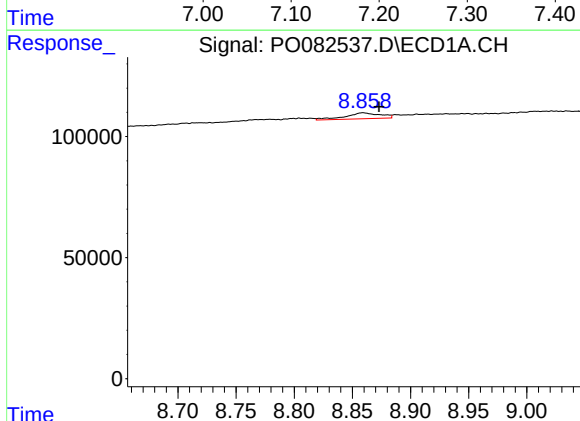
R.T.: 8.626 min  
Delta R.T.: -0.015 min  
Response: 13211  
Conc: 4.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



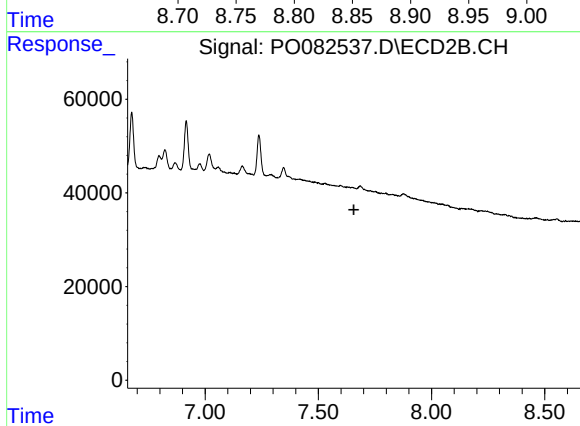
#33 AR-1260-3

R.T.: 7.164 min  
Delta R.T.: -0.008 min  
Response: 26167  
Conc: 12.30 ng/ml



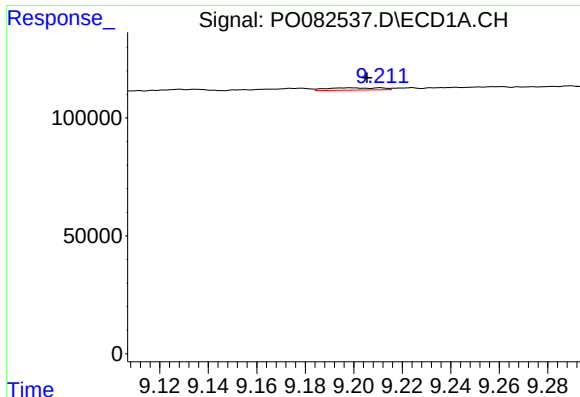
#34 AR-1260-4

R.T.: 8.859 min  
Delta R.T.: -0.014 min  
Response: 51532  
Conc: 15.46 ng/ml



#34 AR-1260-4

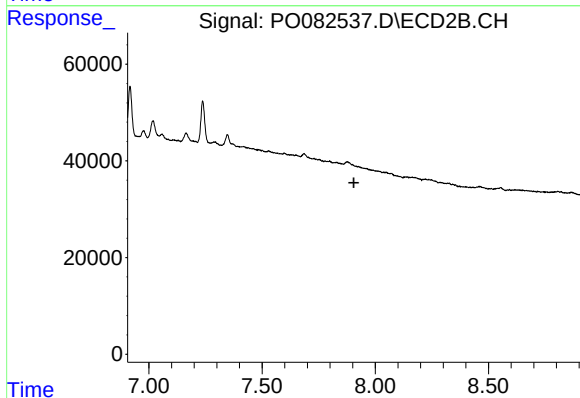
R.T.: 0.000 min  
Exp R.T. : 7.657 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

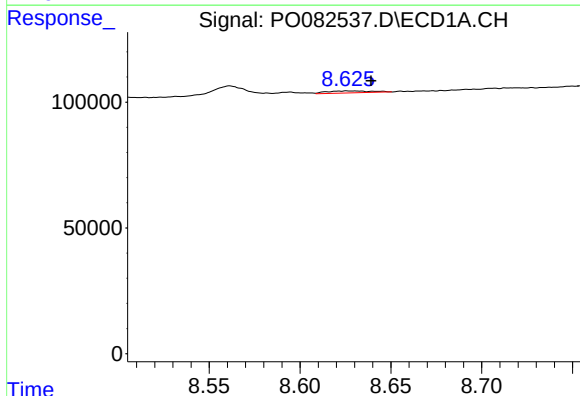
R.T.: 9.198 min  
Delta R.T.: -0.007 min  
Response: 15151  
Conc: 2.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



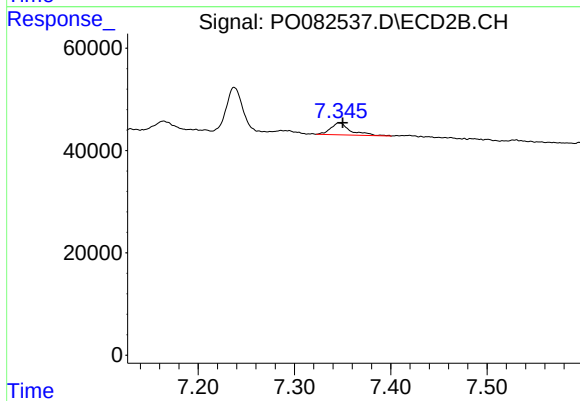
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.906 min  
Response: 0  
Conc: N.D.



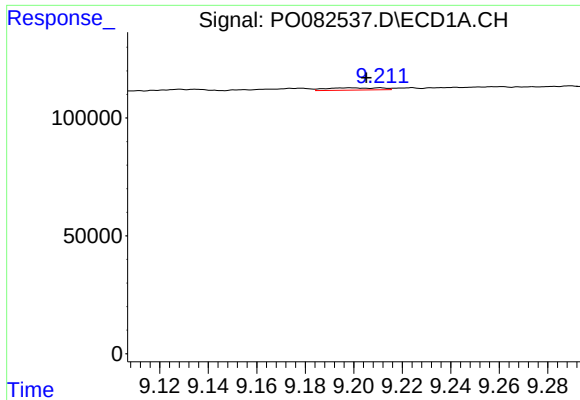
#36 AR-1262-1

R.T.: 8.626 min  
Delta R.T.: -0.013 min  
Response: 13211  
Conc: 3.56 ng/ml



#36 AR-1262-1

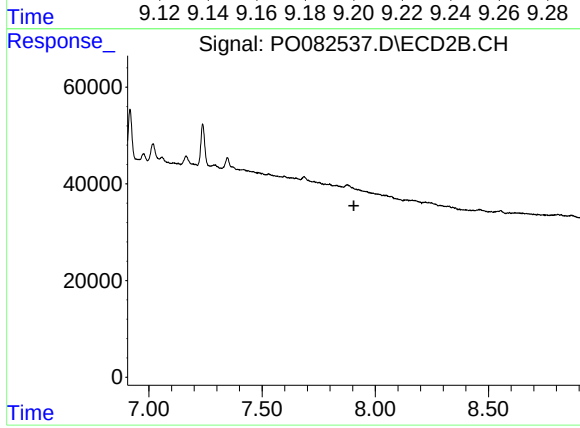
R.T.: 7.347 min  
Delta R.T.: -0.003 min  
Response: 33583  
Conc: 28.10 ng/ml



#37 AR-1262-2

R.T.: 9.198 min  
Delta R.T.: -0.007 min  
Response: 15151  
Conc: 2.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.905 min  
Response: 0  
Conc: N.D.