

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040419\  
 Data File : PR036908.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Apr 2019 20:05  
 Operator : SM\SJ  
 Sample : PB118613BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 PB118613BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 02:42:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 03 03:09:33 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.398  | 3.471 | 30603143 | 99930711 | 19.209  | 17.059     |
| 2)                          | SA Decachlor... | 10.038 | 8.324 | 34441603 | 111.1E6  | 18.383  | 13.916     |
| Target Compounds            |                 |        |       |          |          |         |            |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.544 | 0        | 44306336 | N.D.    | 183.468 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.544 | 0        | 44306336 | N.D.    | 113.489 #  |
| 5)                          | L1 AR-1016-3    | 5.698  | 4.702 | 13026502 | 7576624  | 206.292 | 38.843 #   |
| 6)                          | L1 AR-1016-4    | 5.698  | 4.702 | 13026502 | 7576624  | 247.320 | 49.894 #   |
| 7)                          | L1 AR-1016-5    | 6.035  | 0.000 | 23269521 | 0        | 427.435 | N.D. #     |
| 10)                         | L2 AR-1221-3    | 4.830  | 0.000 | 10015218 | 0        | 232.404 | N.D. #     |
| 11)                         | L3 AR-1232-1    | 4.830  | 0.000 | 10015218 | 0        | 358.692 | N.D. #     |
| 12)                         | L3 AR-1232-2    | 5.310  | 4.544 | 10747924 | 44306336 | 688.121 | 370.936 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.702 | 0        | 7576624  | N.D.    | 131.867 #  |
| 14)                         | L3 AR-1232-4    | 5.698  | 4.812 | 13026502 | 108.5E6  | 818.922 | 2192.898 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.544 | 0        | 44306336 | N.D.    | 387.745 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.544 | 0        | 44306336 | N.D.    | 232.961 #  |
| 18)                         | L4 AR-1242-3    | 5.698  | 4.702 | 13026502 | 7576624  | 408.415 | 79.243 #   |
| 19)                         | L4 AR-1242-4    | 5.698  | 4.812 | 13026502 | 108.5E6  | 501.158 | 1201.441 # |
| 20)                         | L4 AR-1242-5    | 6.437  | 5.266 | 21508187 | 93892026 | 699.970 | 680.106    |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.544 | 0        | 44306336 | N.D.    | 456.232 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.702 | 0        | 7576624  | N.D.    | 56.108 #   |
| 23)                         | L5 AR-1248-3    | 6.035  | 4.812 | 23269521 | 108.5E6  | 513.641 | 779.434 #  |
| 24)                         | L5 AR-1248-4    | 6.437  | 0.000 | 21508187 | 0        | 400.286 | N.D. #     |
| 25)                         | L5 AR-1248-5    | 6.437  | 5.335 | 21508187 | 3243851  | 415.032 | 16.685 #   |
| 26)                         | L6 AR-1254-1    | 6.437  | 5.266 | 21508187 | 93892026 | 371.089 | 285.483    |
| 27)                         | L6 AR-1254-2    | 6.681  | 5.465 | 22098766 | 10715699 | 236.650 | 36.195 #   |
| 28)                         | L6 AR-1254-3    | 7.001  | 5.872 | 7440182  | 96193594 | 71.631  | 189.091 #  |
| 29)                         | L6 AR-1254-4    | 7.325  | 0.000 | 10380921 | 0        | 132.849 | N.D. #     |
| 30)                         | L6 AR-1254-5    | 7.663  | 6.467 | 13761523 | 6282502  | 134.701 | 12.357 #   |
| 31)                         | L7 AR-1260-1    | 7.090  | 5.989 | 21336891 | 3536660  | 209.353 | 8.086 #    |
| 32)                         | L7 AR-1260-2    | 7.396  | 6.143 | 18130981 | 98131846 | 147.758 | 150.032    |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.276 | 0        | 4273789  | N.D.    | 8.081 #    |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.781 | 0        | 10821267 | N.D.    | 23.204 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.001 | 0        | 6908019  | N.D.    | 5.188 #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.586 | 0        | 64851223 | N.D.    | 236.582 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.001 | 0        | 6908019  | N.D.    | 5.040 #    |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.318 | 0        | 5358439  | N.D.    | 9.816 #    |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.318 | 0        | 5358439  | N.D.    | 5.833 #    |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.318 | 0        | 5358439  | N.D.    | 3.621 #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.318 | 0        | 5358439  | N.D.    | 4.268 #    |
| -----                       |                 |        |       |          |          |         |            |

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

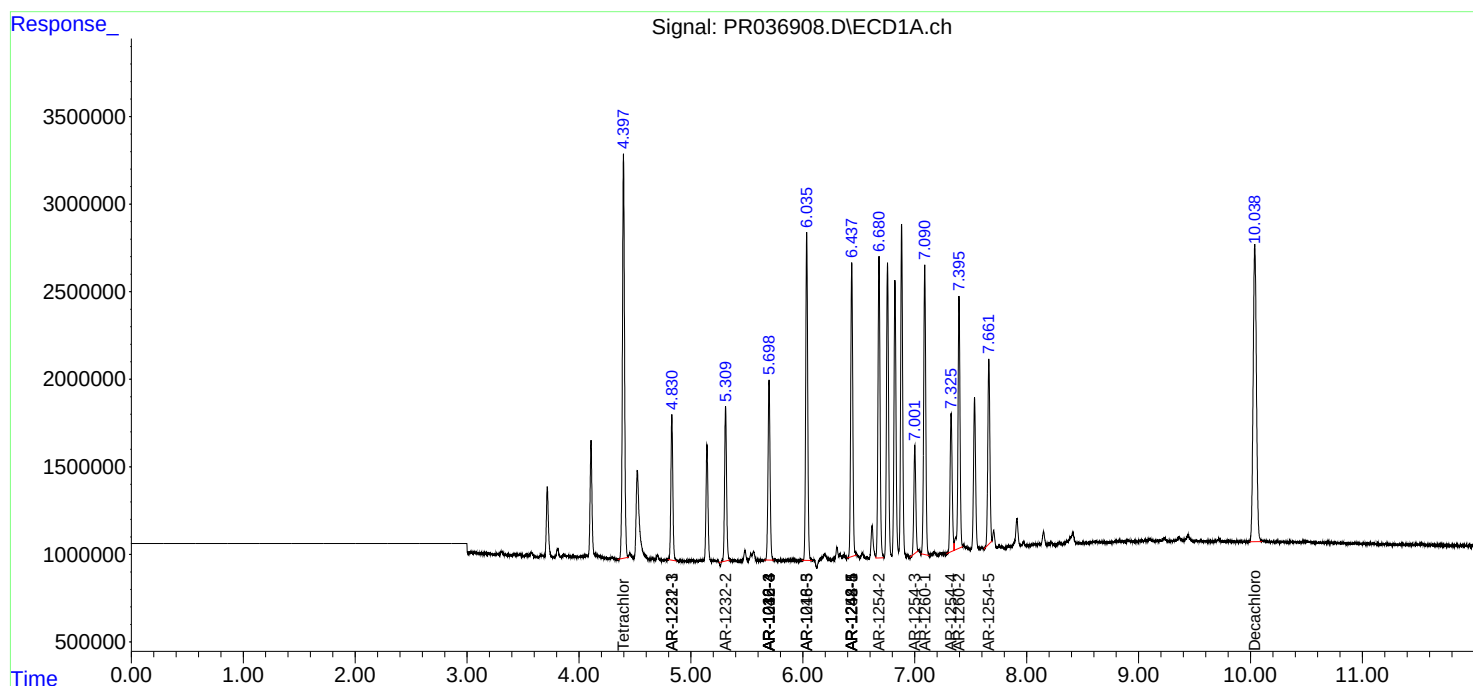
Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS

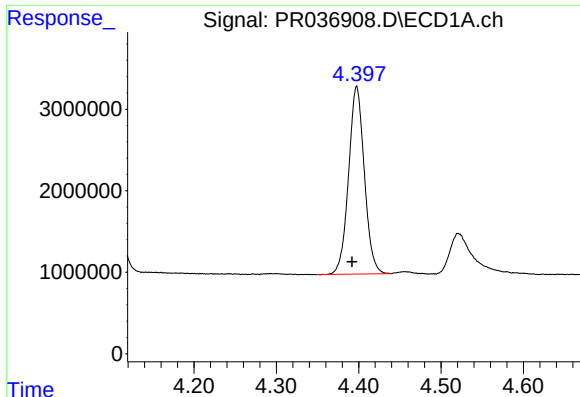
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040419\  
Data File : PR036908.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Apr 2019 20:05  
Operator : SM\SJ  
Sample : PB118613BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 02:42:43 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 03 03:09:33 2019  
Response via : Initial Calibration  
Integrator: ChemStation

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

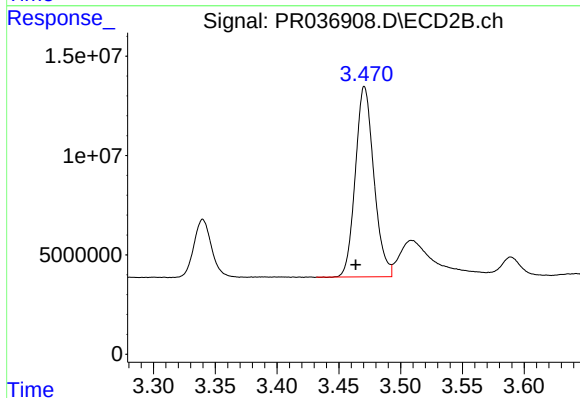




#1 Tetrachloro-m-xylene

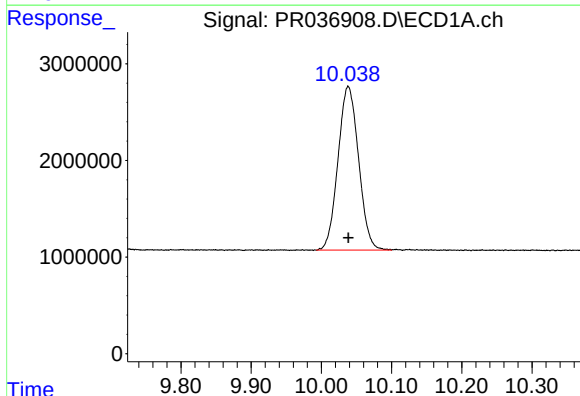
R.T.: 4.398 min  
Delta R.T.: 0.006 min  
Response: 30603143  
Conc: 19.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



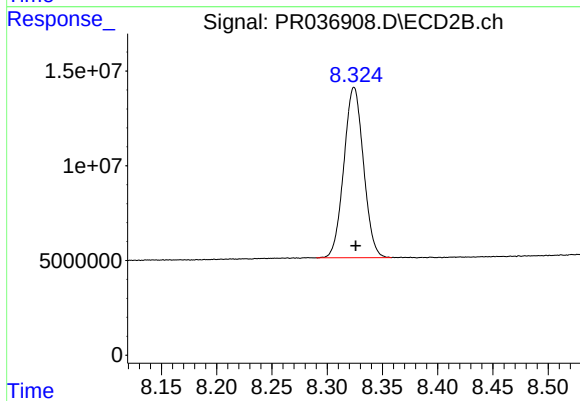
#1 Tetrachloro-m-xylene

R.T.: 3.471 min  
Delta R.T.: 0.007 min  
Response: 99930711  
Conc: 17.06 ng/ml



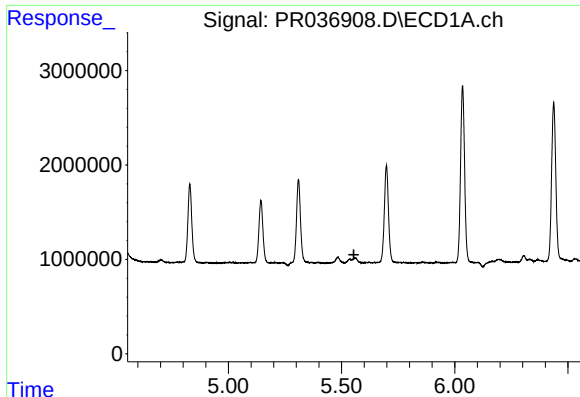
#2 Decachlorobiphenyl

R.T.: 10.038 min  
Delta R.T.: 0.000 min  
Response: 34441603  
Conc: 18.38 ng/ml



#2 Decachlorobiphenyl

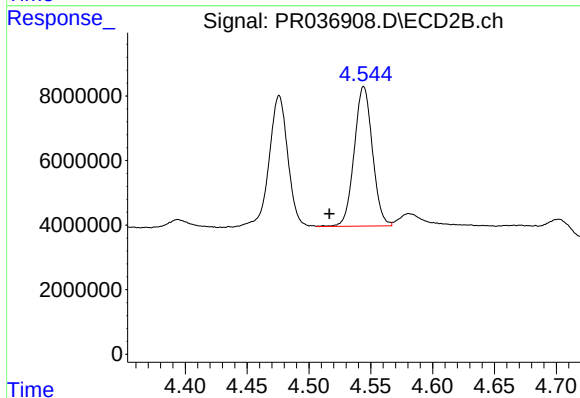
R.T.: 8.324 min  
Delta R.T.: -0.001 min  
Response: 111080872  
Conc: 13.92 ng/ml



#3 AR-1016-1

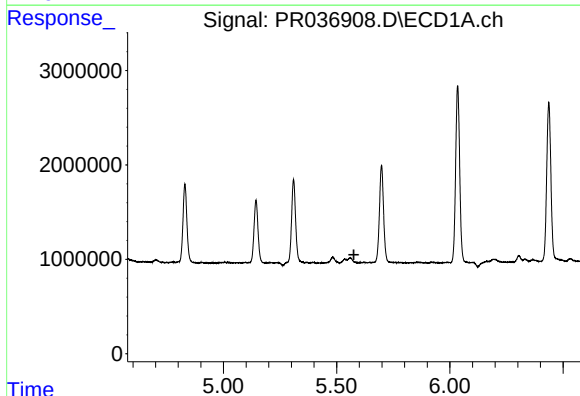
R.T.: 0.000 min  
Exp R.T.: 5.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



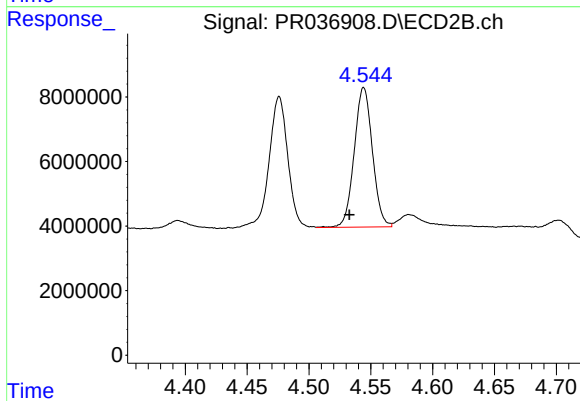
#3 AR-1016-1

R.T.: 4.544 min  
Delta R.T.: 0.028 min  
Response: 44306336  
Conc: 183.47 ng/ml



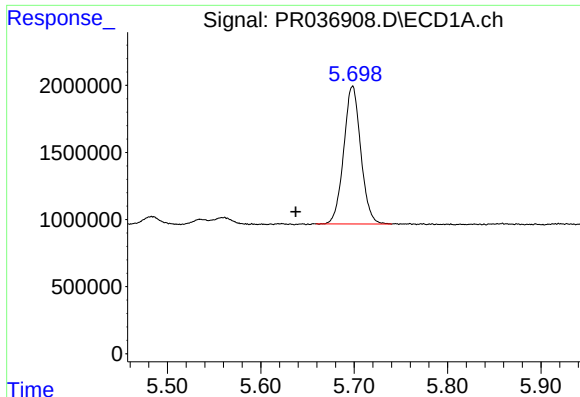
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

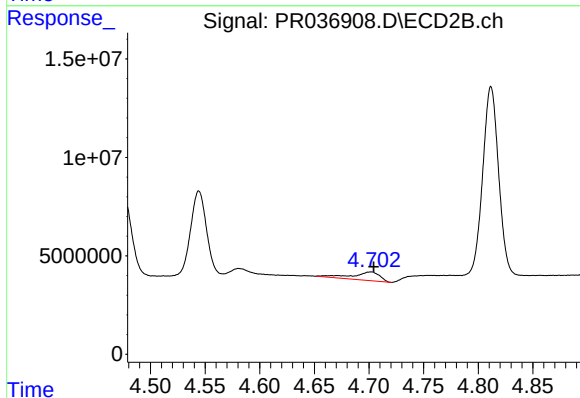
R.T.: 4.544 min  
Delta R.T.: 0.012 min  
Response: 44306336  
Conc: 113.49 ng/ml



#5 AR-1016-3

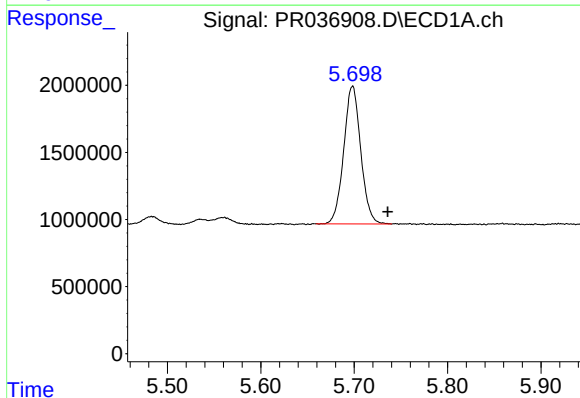
R.T.: 5.698 min  
Delta R.T.: 0.061 min  
Response: 13026502  
Conc: 206.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



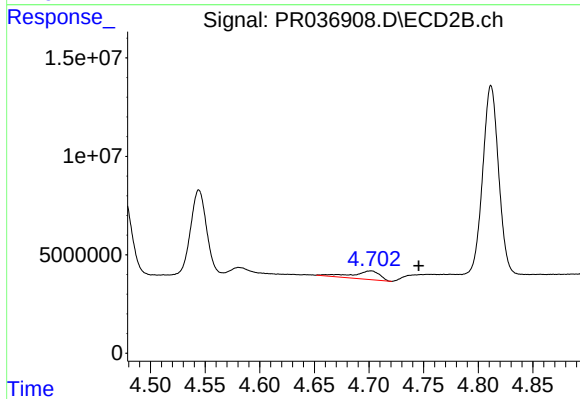
#5 AR-1016-3

R.T.: 4.702 min  
Delta R.T.: -0.003 min  
Response: 7576624  
Conc: 38.84 ng/ml



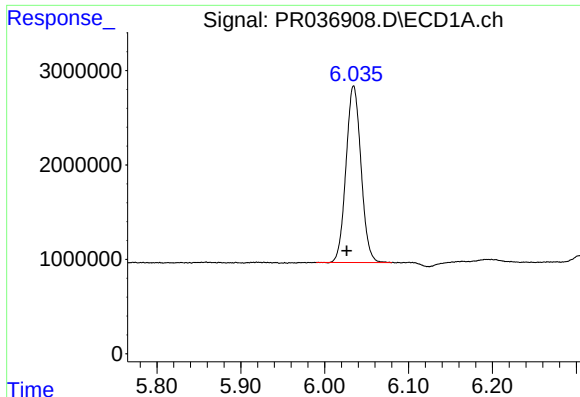
#6 AR-1016-4

R.T.: 5.698 min  
Delta R.T.: -0.038 min  
Response: 13026502  
Conc: 247.32 ng/ml



#6 AR-1016-4

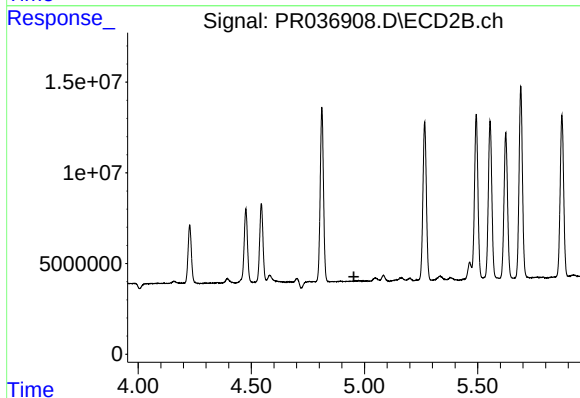
R.T.: 4.702 min  
Delta R.T.: -0.044 min  
Response: 7576624  
Conc: 49.89 ng/ml



#7 AR-1016-5

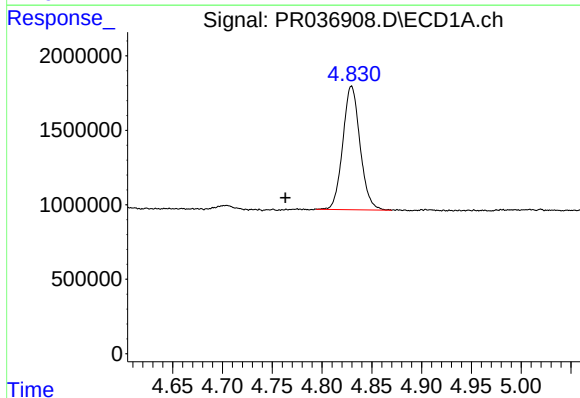
R.T.: 6.035 min  
Delta R.T.: 0.008 min  
Response: 23269521  
Conc: 427.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



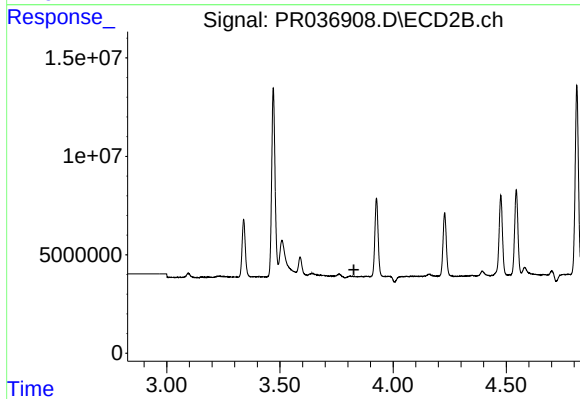
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.953 min  
Response: 0  
Conc: N.D.



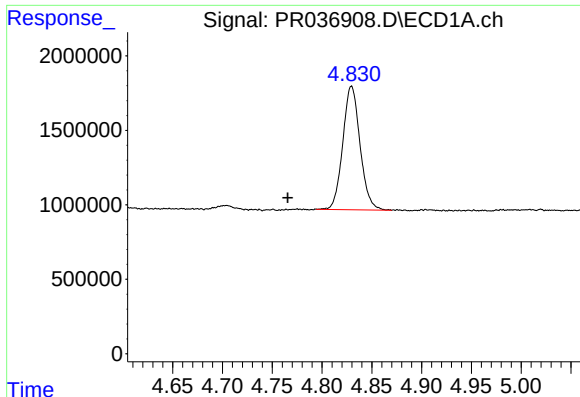
#10 AR-1221-3

R.T.: 4.830 min  
Delta R.T.: 0.066 min  
Response: 10015218  
Conc: 232.40 ng/ml



#10 AR-1221-3

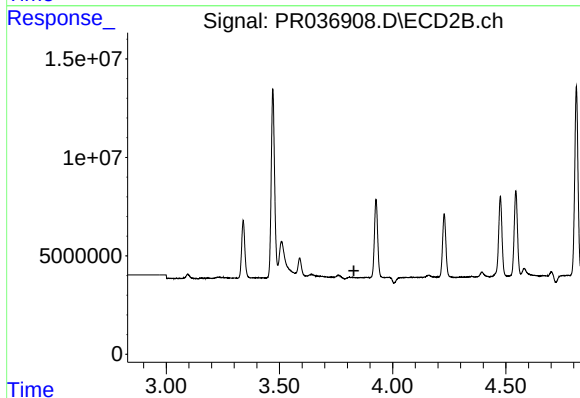
R.T.: 0.000 min  
Exp R.T. : 3.827 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

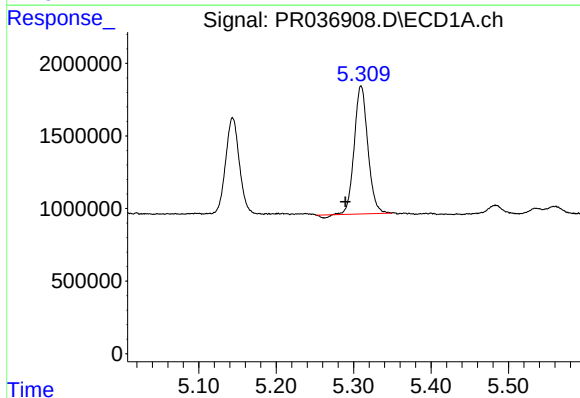
R.T.: 4.830 min  
Delta R.T.: 0.064 min  
Response: 10015218  
Conc: 358.69 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



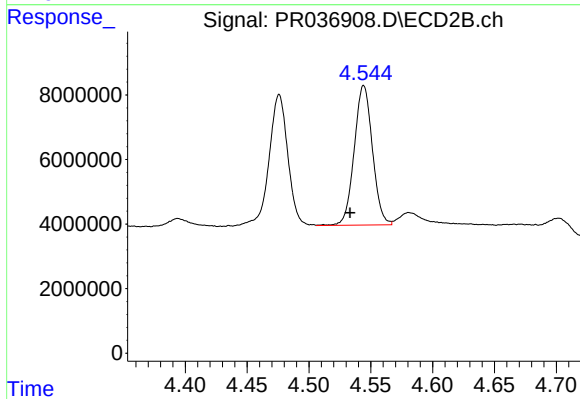
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.829 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

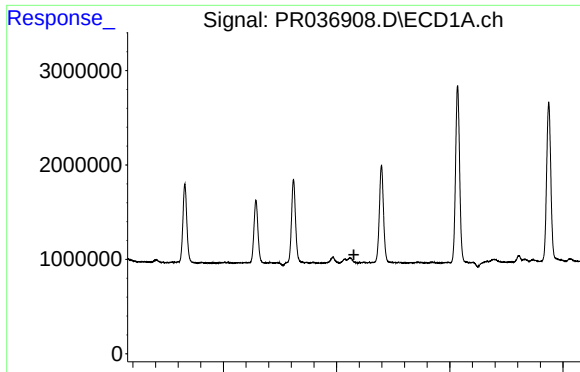
R.T.: 5.310 min  
Delta R.T.: 0.020 min  
Response: 10747924  
Conc: 688.12 ng/ml



#12 AR-1232-2

R.T.: 4.544 min  
Delta R.T.: 0.011 min  
Response: 44306336  
Conc: 370.94 ng/ml

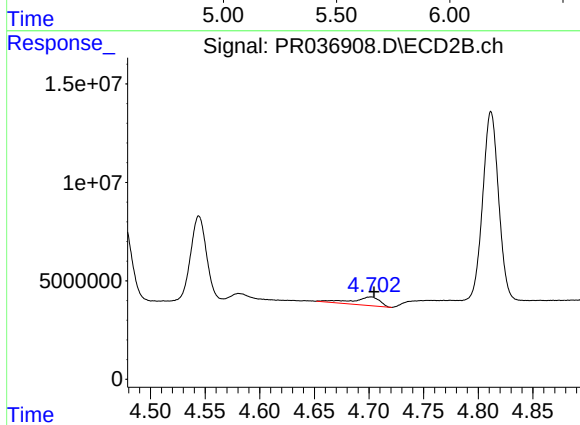




#13 AR-1232-3

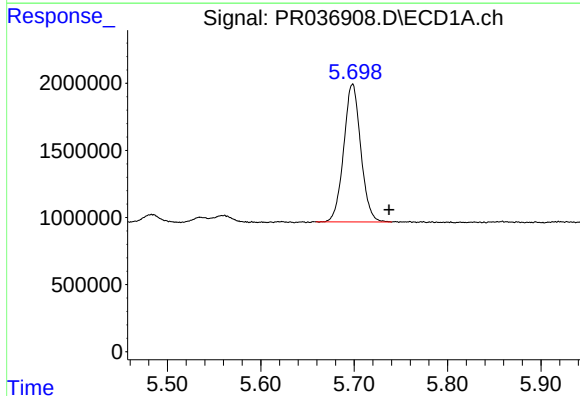
R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



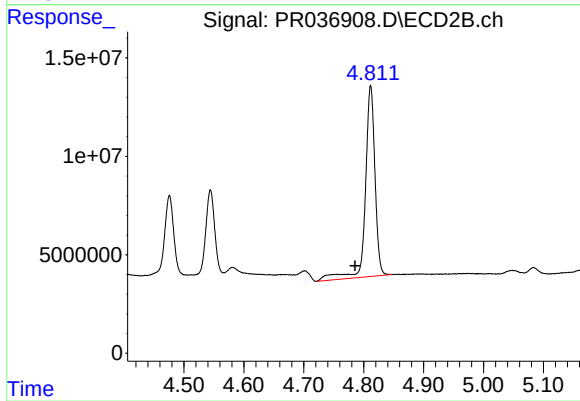
#13 AR-1232-3

R.T.: 4.702 min  
Delta R.T.: -0.003 min  
Response: 7576624  
Conc: 131.87 ng/ml



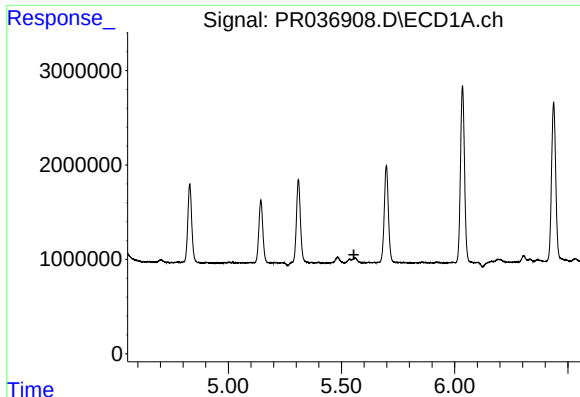
#14 AR-1232-4

R.T.: 5.698 min  
Delta R.T.: -0.039 min  
Response: 13026502  
Conc: 818.92 ng/ml



#14 AR-1232-4

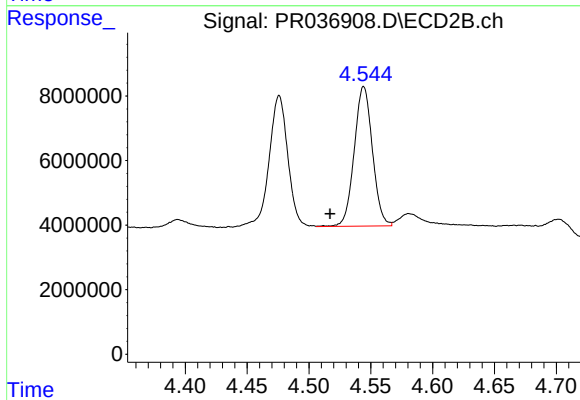
R.T.: 4.812 min  
Delta R.T.: 0.026 min  
Response: 108475981  
Conc: 2192.90 ng/ml



#16 AR-1242-1

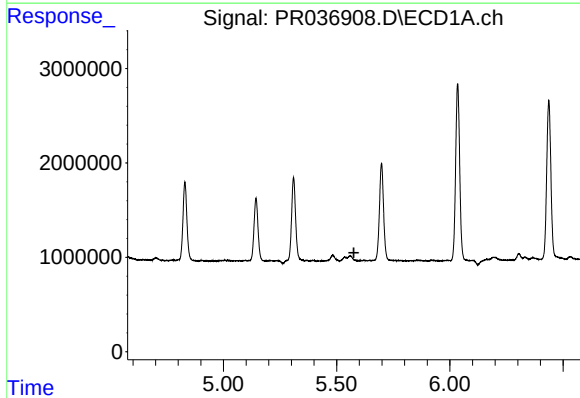
R.T.: 0.000 min  
Exp R.T.: 5.555 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



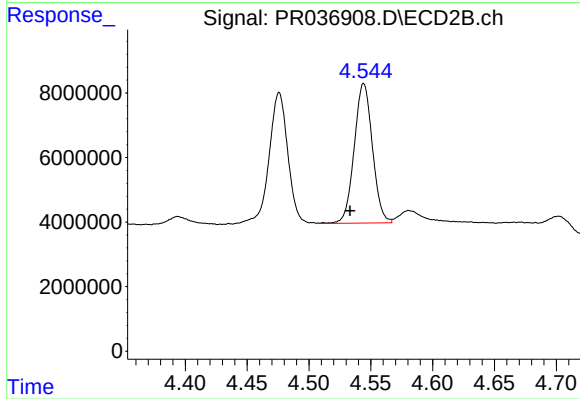
#16 AR-1242-1

R.T.: 4.544 min  
Delta R.T.: 0.027 min  
Response: 44306336  
Conc: 387.74 ng/ml



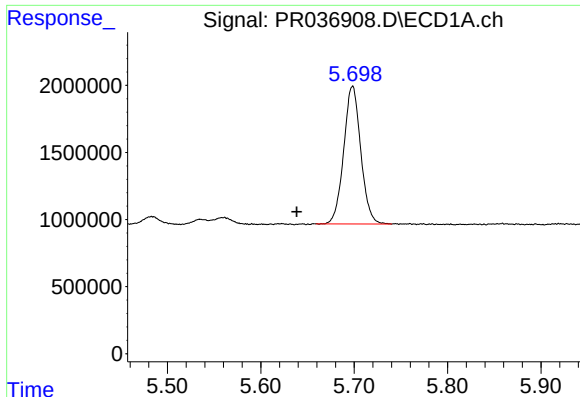
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.576 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

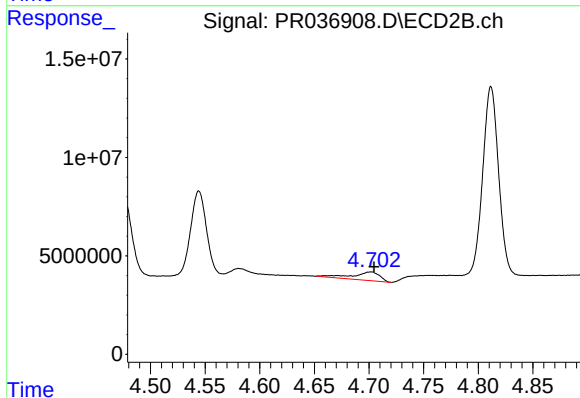
R.T.: 4.544 min  
Delta R.T.: 0.011 min  
Response: 44306336  
Conc: 232.96 ng/ml



#18 AR-1242-3

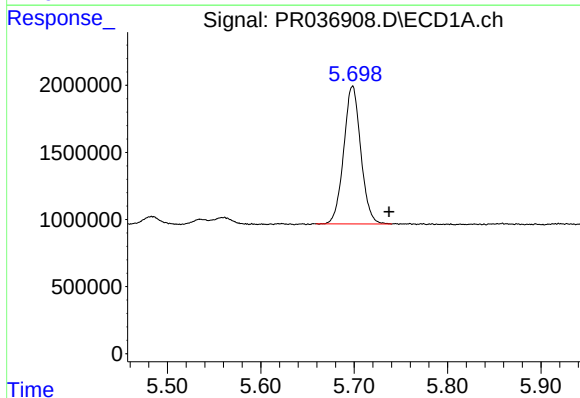
R.T.: 5.698 min  
Delta R.T.: 0.060 min  
Response: 13026502  
Conc: 408.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



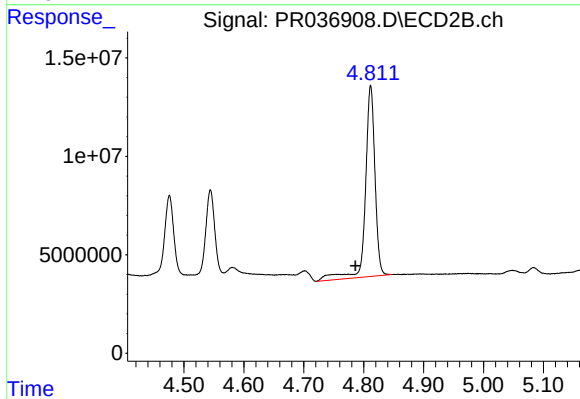
#18 AR-1242-3

R.T.: 4.702 min  
Delta R.T.: -0.003 min  
Response: 7576624  
Conc: 79.24 ng/ml



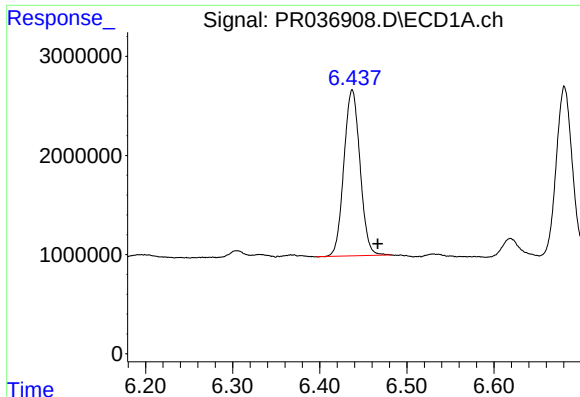
#19 AR-1242-4

R.T.: 5.698 min  
Delta R.T.: -0.039 min  
Response: 13026502  
Conc: 501.16 ng/ml



#19 AR-1242-4

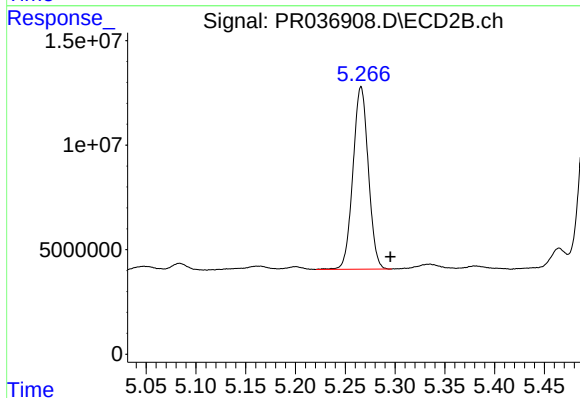
R.T.: 4.812 min  
Delta R.T.: 0.026 min  
Response: 108475981  
Conc: 1201.44 ng/ml



#20 AR-1242-5

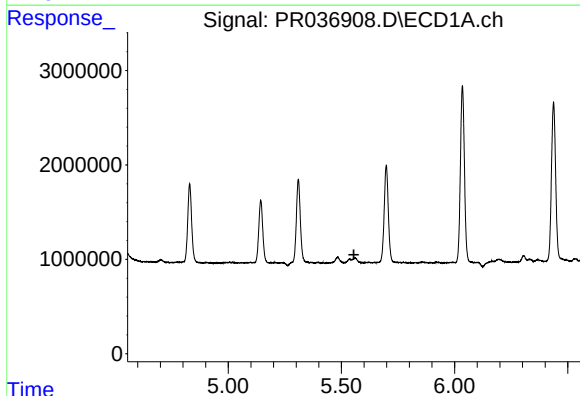
R.T.: 6.437 min  
Delta R.T.: -0.029 min  
Response: 21508187  
Conc: 699.97 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



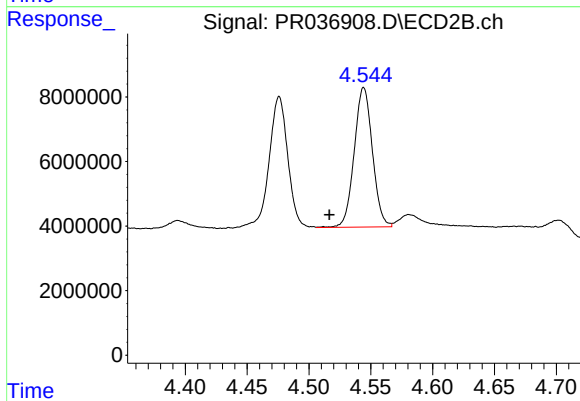
#20 AR-1242-5

R.T.: 5.266 min  
Delta R.T.: -0.030 min  
Response: 93892026  
Conc: 680.11 ng/ml



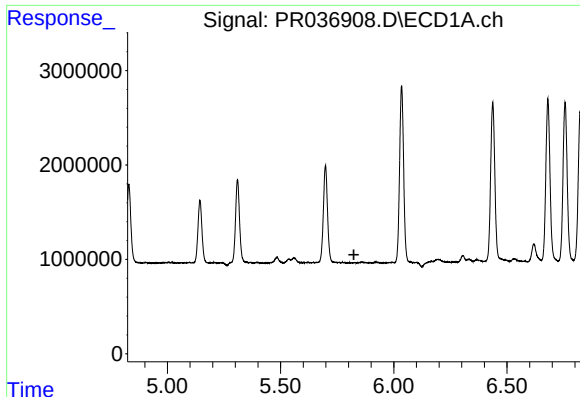
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.555 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

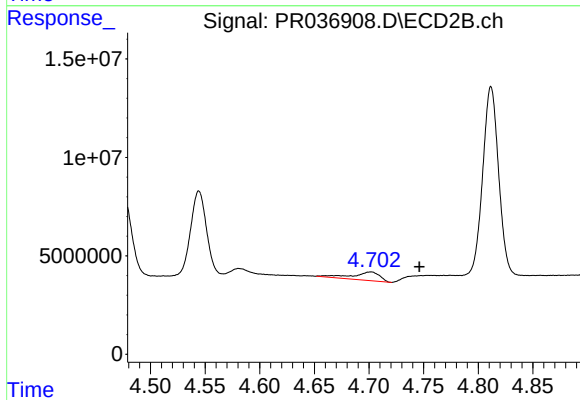
R.T.: 4.544 min  
Delta R.T.: 0.028 min  
Response: 44306336  
Conc: 456.23 ng/ml



#22 AR-1248-2

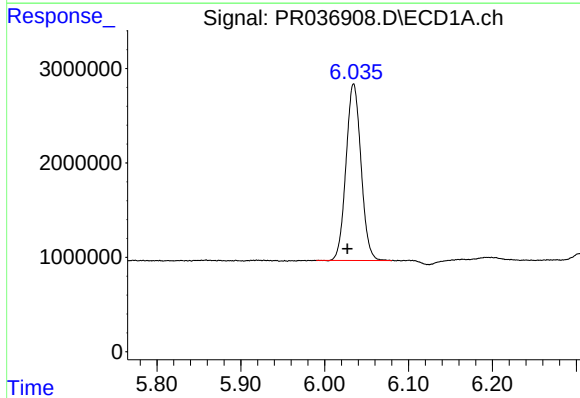
R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



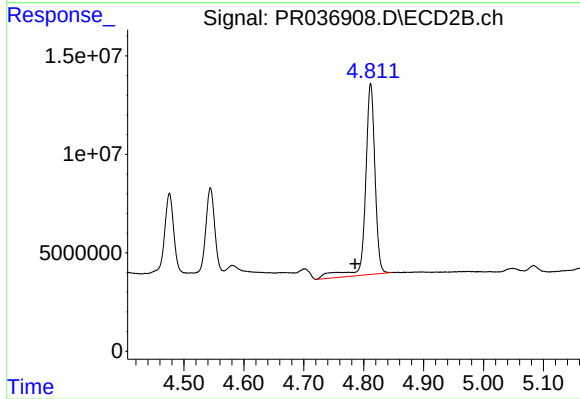
#22 AR-1248-2

R.T.: 4.702 min  
Delta R.T.: -0.044 min  
Response: 7576624  
Conc: 56.11 ng/ml



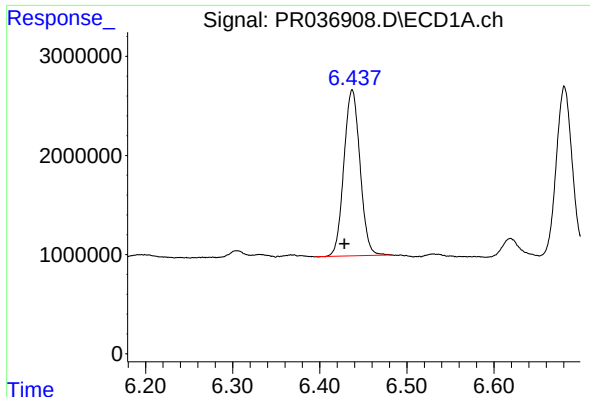
#23 AR-1248-3

R.T.: 6.035 min  
Delta R.T.: 0.007 min  
Response: 23269521  
Conc: 513.64 ng/ml



#23 AR-1248-3

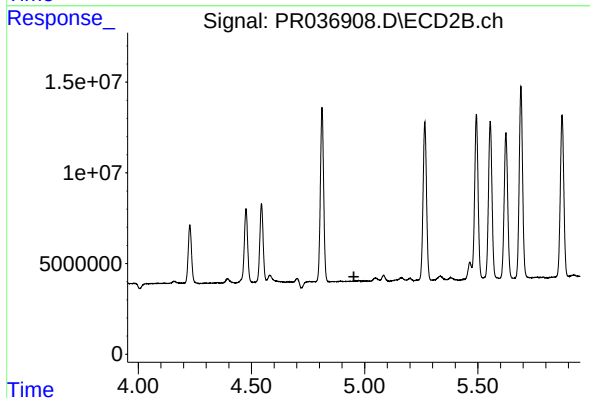
R.T.: 4.812 min  
Delta R.T.: 0.026 min  
Response: 108475981  
Conc: 779.43 ng/ml



#24 AR-1248-4

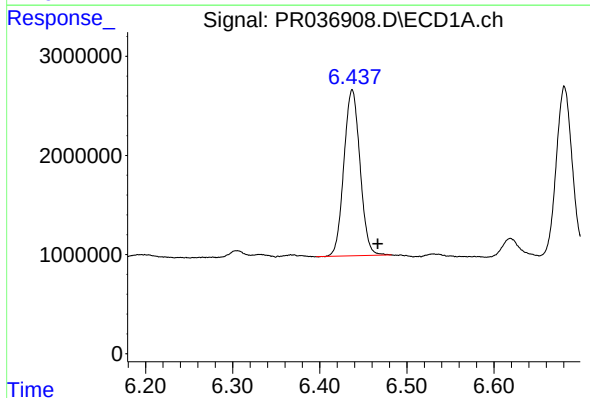
R.T.: 6.437 min  
Delta R.T.: 0.009 min  
Response: 21508187  
Conc: 400.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



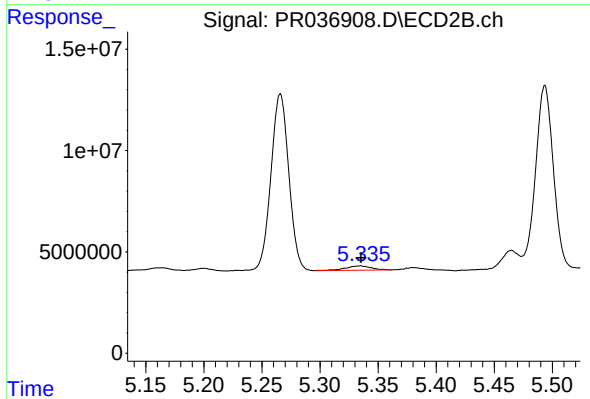
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 4.953 min  
Response: 0  
Conc: N.D.



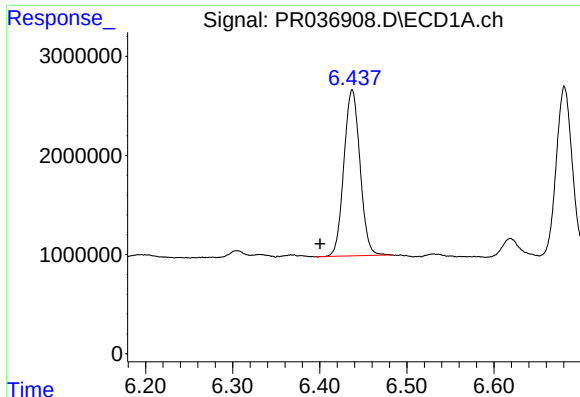
#25 AR-1248-5

R.T.: 6.437 min  
Delta R.T.: -0.029 min  
Response: 21508187  
Conc: 415.03 ng/ml



#25 AR-1248-5

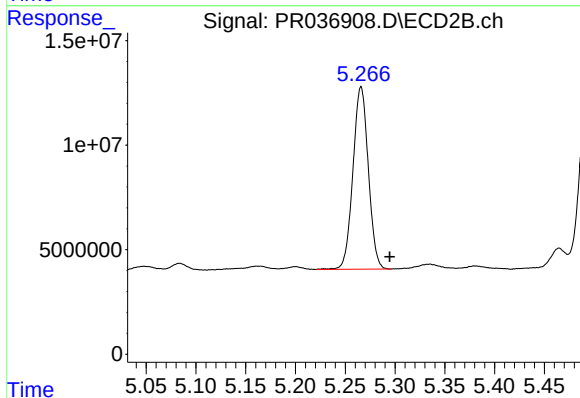
R.T.: 5.335 min  
Delta R.T.: 0.000 min  
Response: 3243851  
Conc: 16.69 ng/ml



#26 AR-1254-1

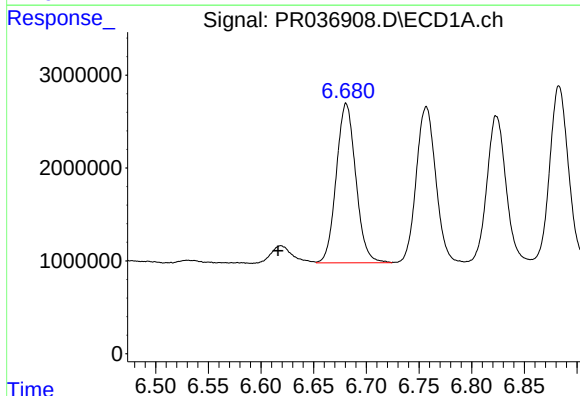
R.T.: 6.437 min  
Delta R.T.: 0.037 min  
Response: 21508187  
Conc: 371.09 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



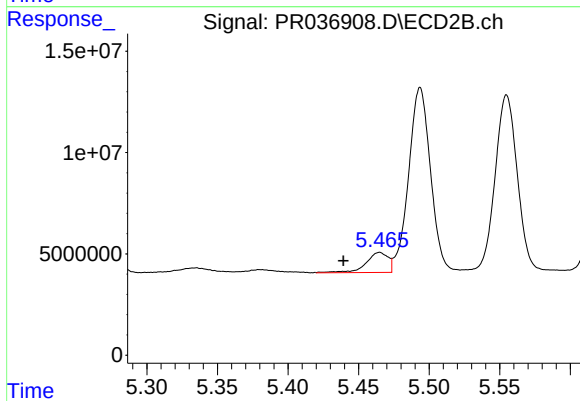
#26 AR-1254-1

R.T.: 5.266 min  
Delta R.T.: -0.029 min  
Response: 93892026  
Conc: 285.48 ng/ml



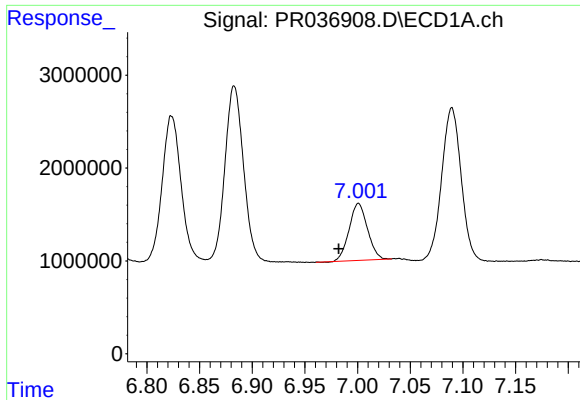
#27 AR-1254-2

R.T.: 6.681 min  
Delta R.T.: 0.065 min  
Response: 22098766  
Conc: 236.65 ng/ml



#27 AR-1254-2

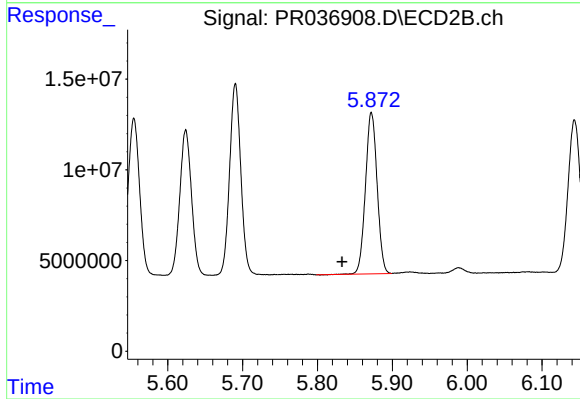
R.T.: 5.465 min  
Delta R.T.: 0.025 min  
Response: 10715699  
Conc: 36.19 ng/ml



#28 AR-1254-3

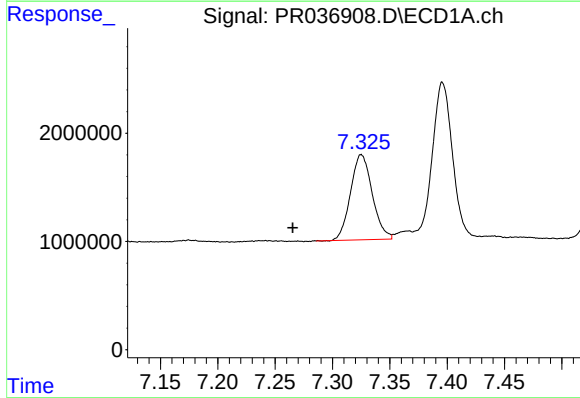
R.T.: 7.001 min  
Delta R.T.: 0.019 min  
Response: 7440182  
Conc: 71.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



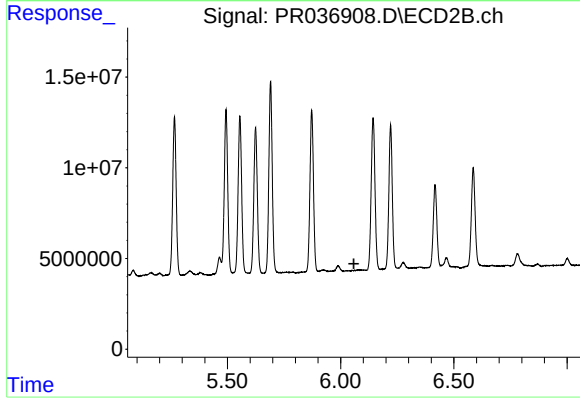
#28 AR-1254-3

R.T.: 5.872 min  
Delta R.T.: 0.039 min  
Response: 96193594  
Conc: 189.09 ng/ml



#29 AR-1254-4

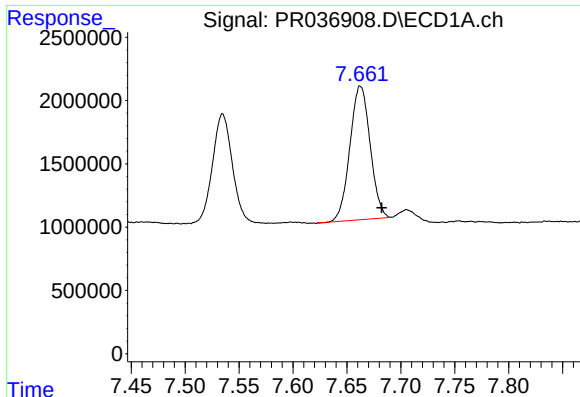
R.T.: 7.325 min  
Delta R.T.: 0.060 min  
Response: 10380921  
Conc: 132.85 ng/ml



#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 6.059 min  
Response: 0  
Conc: N.D.

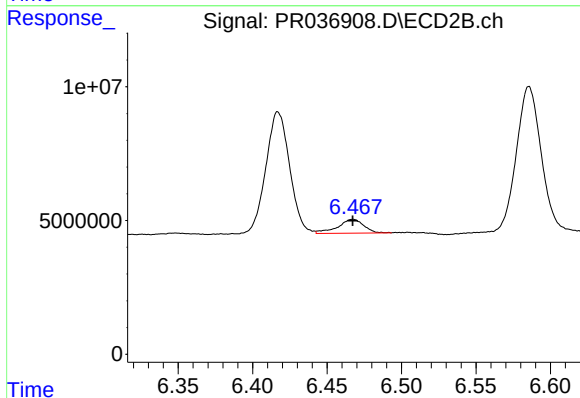




#30 AR-1254-5

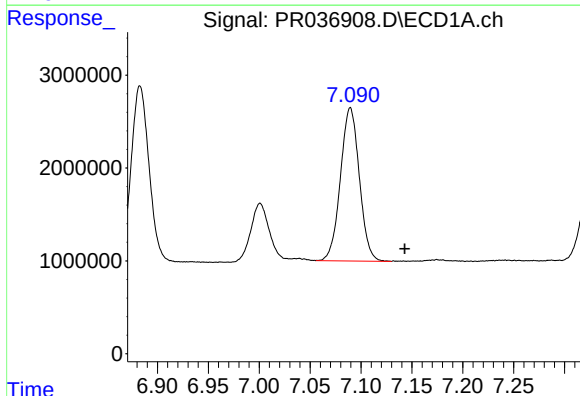
R.T.: 7.663 min  
Delta R.T.: -0.020 min  
Response: 13761523  
Conc: 134.70 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



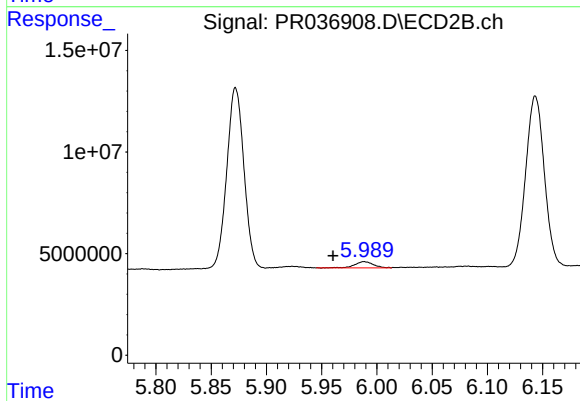
#30 AR-1254-5

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 6282502  
Conc: 12.36 ng/ml



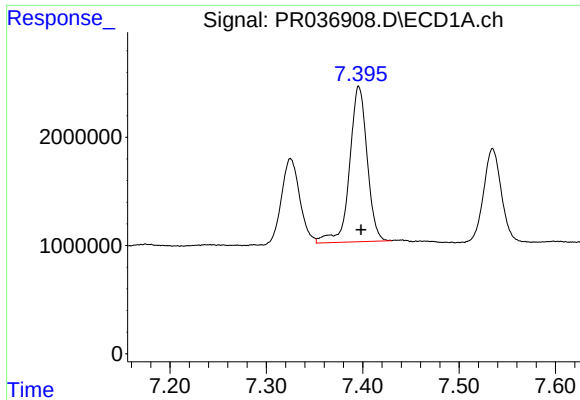
#31 AR-1260-1

R.T.: 7.090 min  
Delta R.T.: -0.053 min  
Response: 21336891  
Conc: 209.35 ng/ml



#31 AR-1260-1

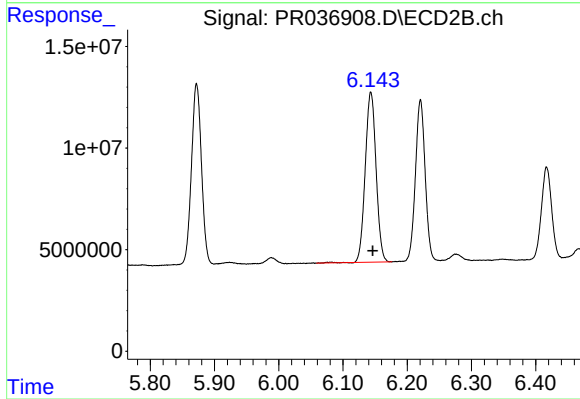
R.T.: 5.989 min  
Delta R.T.: 0.028 min  
Response: 3536660  
Conc: 8.09 ng/ml



#32 AR-1260-2

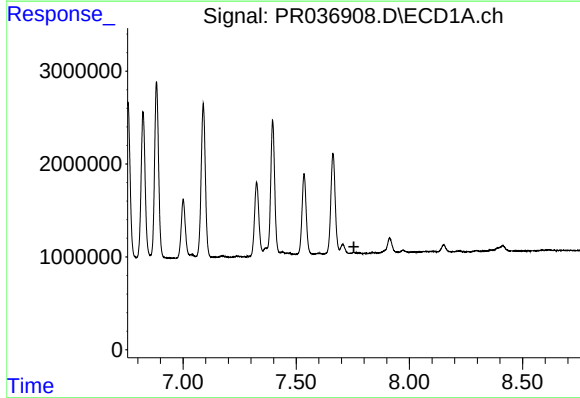
R.T.: 7.396 min  
Delta R.T.: -0.002 min  
Response: 18130981  
Conc: 147.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



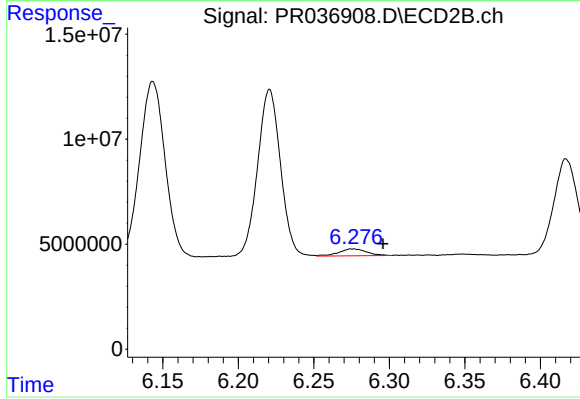
#32 AR-1260-2

R.T.: 6.143 min  
Delta R.T.: -0.003 min  
Response: 98131846  
Conc: 150.03 ng/ml



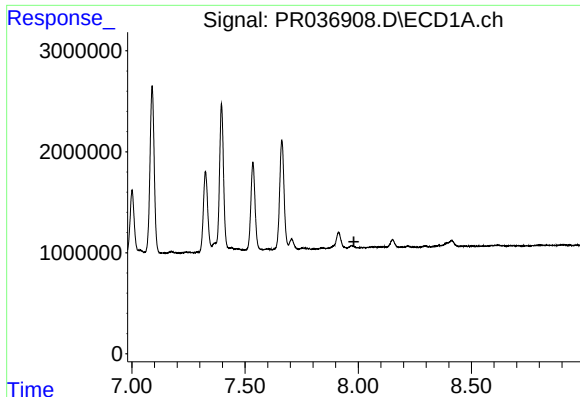
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.755 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

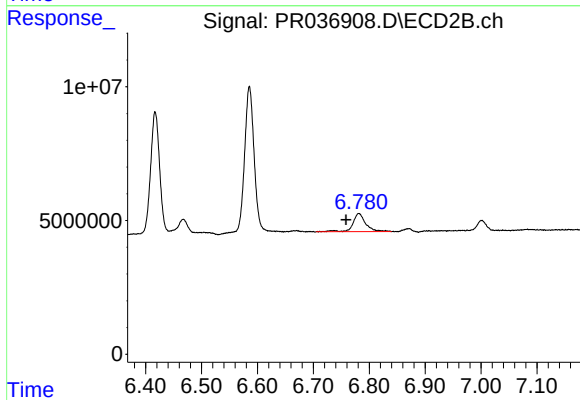
R.T.: 6.276 min  
Delta R.T.: -0.020 min  
Response: 4273789  
Conc: 8.08 ng/ml



#34 AR-1260-4

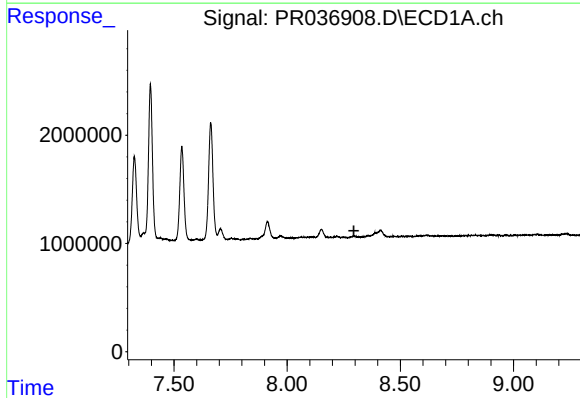
R.T.: 0.000 min  
Exp R.T.: 7.981 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



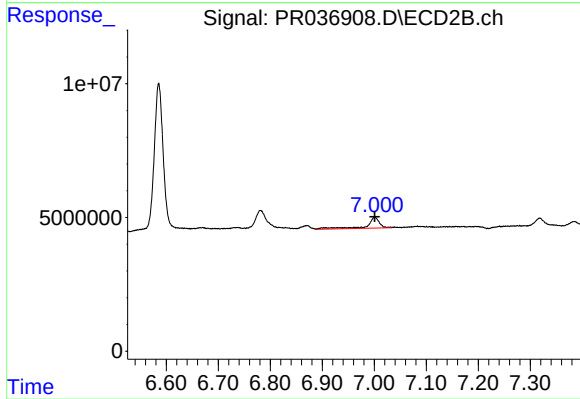
#34 AR-1260-4

R.T.: 6.781 min  
Delta R.T.: 0.023 min  
Response: 10821267  
Conc: 23.20 ng/ml



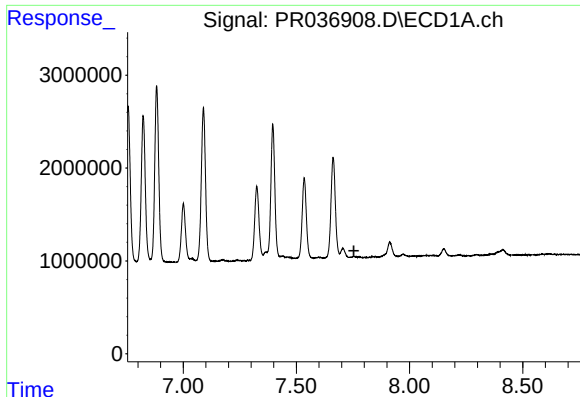
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.295 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

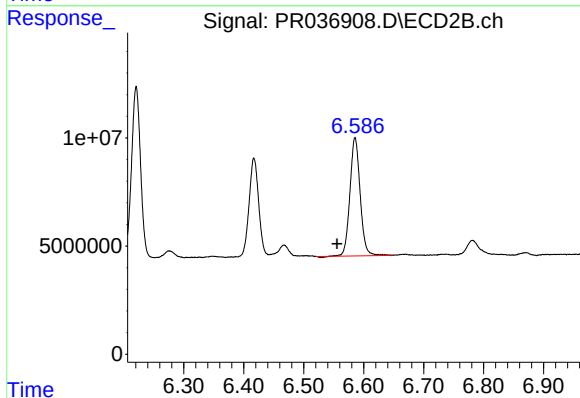
R.T.: 7.001 min  
Delta R.T.: 0.000 min  
Response: 6908019  
Conc: 5.19 ng/ml



#36 AR-1262-1

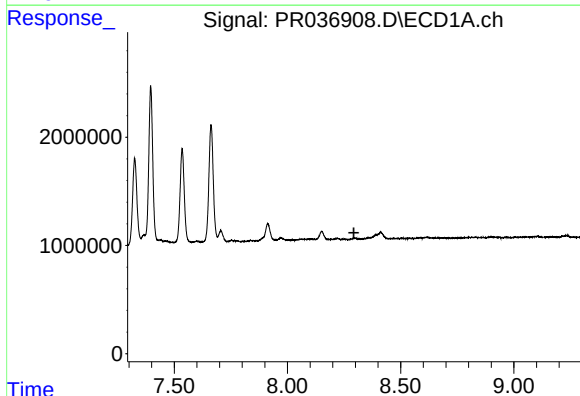
R.T.: 0.000 min  
Exp R.T.: 7.754 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



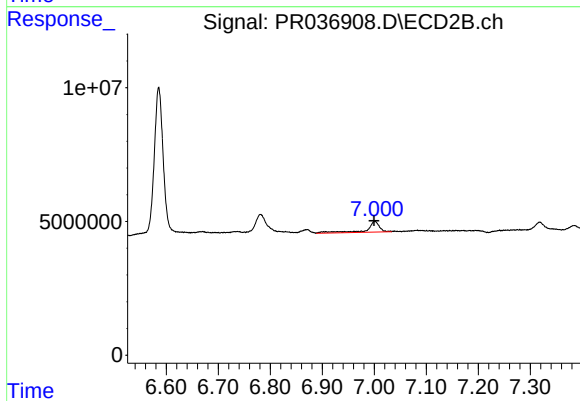
#36 AR-1262-1

R.T.: 6.586 min  
Delta R.T.: 0.030 min  
Response: 64851223  
Conc: 236.58 ng/ml



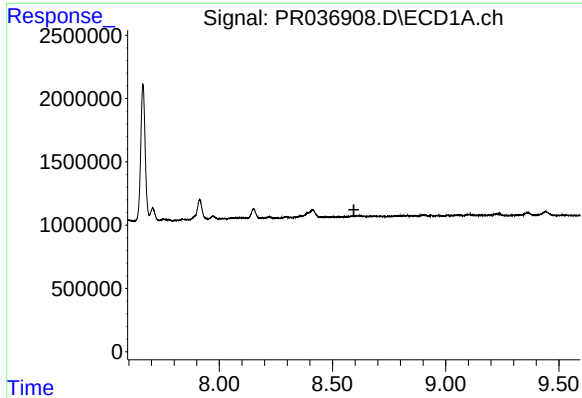
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.294 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

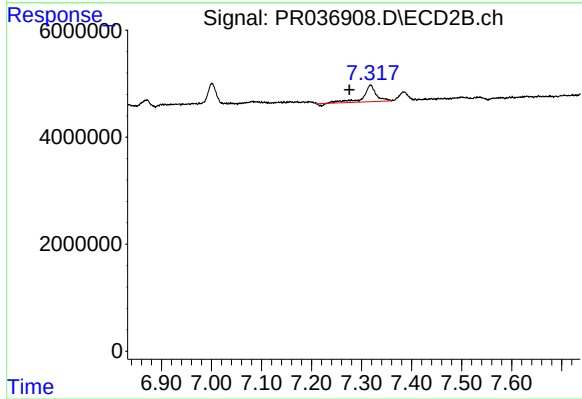
R.T.: 7.001 min  
Delta R.T.: 0.001 min  
Response: 6908019  
Conc: 5.04 ng/ml



#38 AR-1262-3

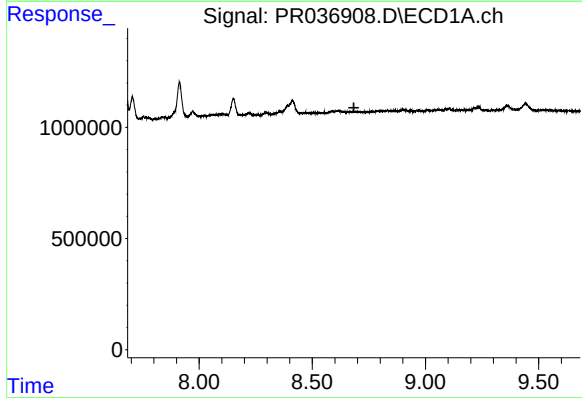
R.T.: 0.000 min  
Exp R.T. : 8.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



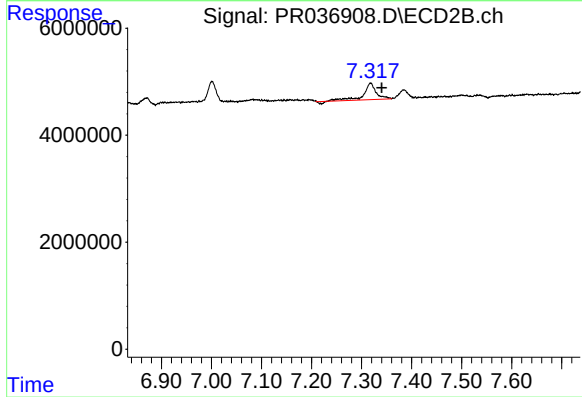
#38 AR-1262-3

R.T.: 7.318 min  
Delta R.T.: 0.042 min  
Response: 5358439  
Conc: 9.82 ng/ml



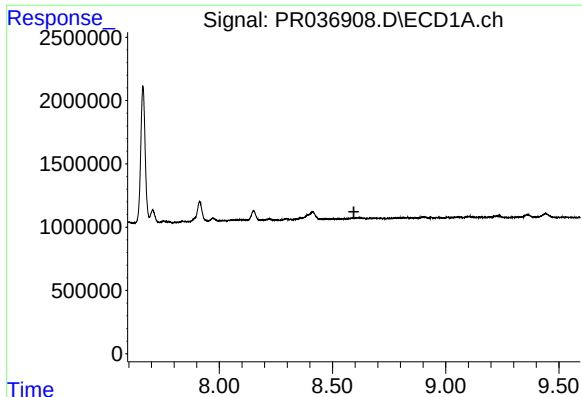
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.684 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

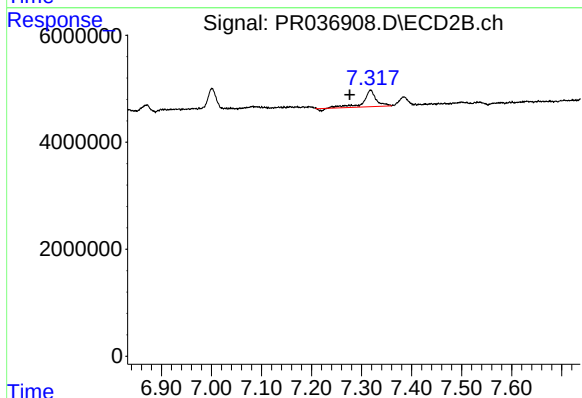
R.T.: 7.318 min  
Delta R.T.: -0.022 min  
Response: 5358439  
Conc: 5.83 ng/ml



#41 AR-1268-1

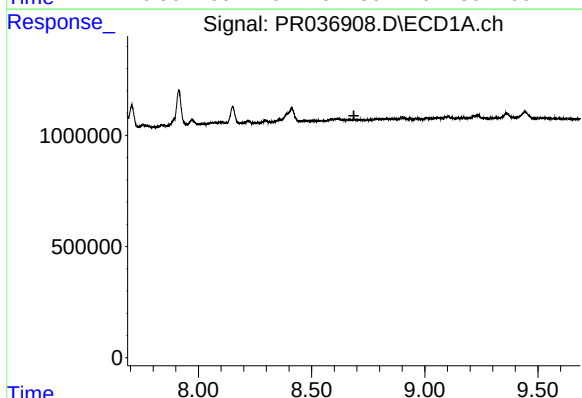
R.T.: 0.000 min  
Exp R.T.: 8.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
PB118613BS



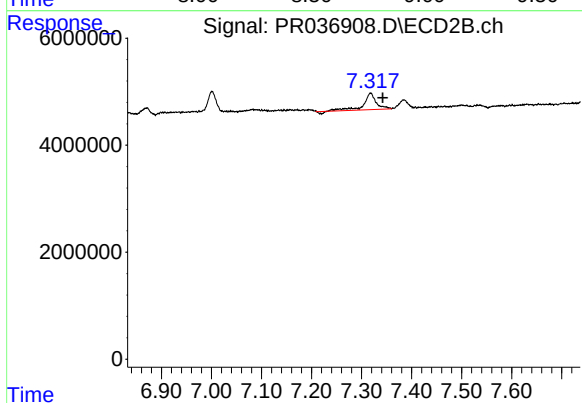
#41 AR-1268-1

R.T.: 7.318 min  
Delta R.T.: 0.042 min  
Response: 5358439  
Conc: 3.62 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.687 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.318 min  
Delta R.T.: -0.024 min  
Response: 5358439  
Conc: 4.27 ng/ml