

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040519\  
 Data File : PR036926.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2019 10:45  
 Operator : SM\SJ  
 Sample : K2213-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 S9C(2-10)COMP

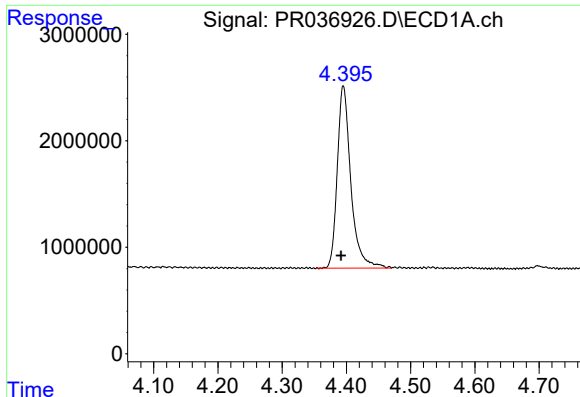
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 11:22:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 03 03:09:33 2019  
 Response via : Initial Calibration  
 Integrator: 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... | 4.395  | 3.466 | 25151507 | 88187260 | 15.787 | 15.054    |
| 2)                          | SA Decachlor... | 10.040 | 8.325 | 29911736 | 124.5E6  | 15.965 | 15.593    |
| Target Compounds            |                 |        |       |          |          |        |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.751 | 0        | 10023638 | N.D.   | 51.388 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.751 | 0        | 10023638 | N.D.   | 66.009 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.971 | 0        | 32561481 | N.D.   | 156.677 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.873 | 0        | 10093230 | N.D.   | 67.044 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.873 | 0        | 10093230 | N.D.   | 106.753 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.751 | 0        | 10023638 | N.D.   | 174.455 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.813 | 0        | 17549587 | N.D.   | 354.774 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.971 | 0        | 32561481 | N.D.   | 568.142 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.751 | 0        | 10023638 | N.D.   | 104.836 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.813 | 0        | 17549587 | N.D.   | 194.373 # |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.295 | 0        | 36630237 | N.D.   | 265.331 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.751 | 0        | 10023638 | N.D.   | 74.229 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.813 | 0        | 17549587 | N.D.   | 126.099 # |
| 24)                         | L5 AR-1248-4    | 0.000  | 4.971 | 0        | 32561481 | N.D.   | 184.629 # |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.318 | 0        | 14904300 | N.D.   | 76.664 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.295 | 0        | 36630237 | N.D.   | 111.376 # |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.440 | 0        | 21089716 | N.D.   | 71.236 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.834 | 0        | 36733325 | N.D.   | 72.208 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.059 | 0        | 16716324 | N.D.   | 43.620 #  |
| 30)                         | L6 AR-1254-5    | 7.683  | 6.468 | 2553484  | 26873098 | 24.994 | 52.855 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.961 | 0        | 22443692 | N.D.   | 51.314 #  |
| 32)                         | L7 AR-1260-2    | 7.399  | 6.145 | 3371814  | 32952020 | 27.479 | 50.380 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.295 | 0        | 28815332 | N.D.   | 54.483 #  |
| 34)                         | L7 AR-1260-4    | 7.980  | 6.758 | 5498154  | 13199823 | 49.617 | 28.305 #  |
| 35)                         | L7 AR-1260-5    | 8.296  | 7.000 | 3503755  | 35070929 | 16.082 | 26.339 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.559 | 0        | 15147997 | N.D.   | 55.261 #  |
| 37)                         | L8 AR-1262-2    | 8.296  | 7.000 | 3503755  | 35070929 | 16.248 | 25.588 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.277 | 0        | 13982273 | N.D.   | 25.615 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.341 | 0        | 16810192 | N.D.   | 18.300 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.832 | 0        | 7577730  | N.D.   | 18.865 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.277 | 0        | 13982273 | N.D.   | 9.448 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.341 | 0        | 16810192 | N.D.   | 13.390 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.832 | 0        | 7577730  | N.D.   | 17.445 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.100 | 0        | 3646472  | N.D.   | 1.208 #   |
| -----                       |                 |        |       |          |          |        |           |

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

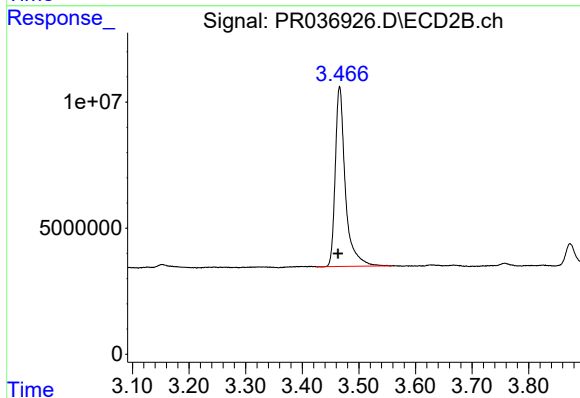




#1 Tetrachloro-m-xylene

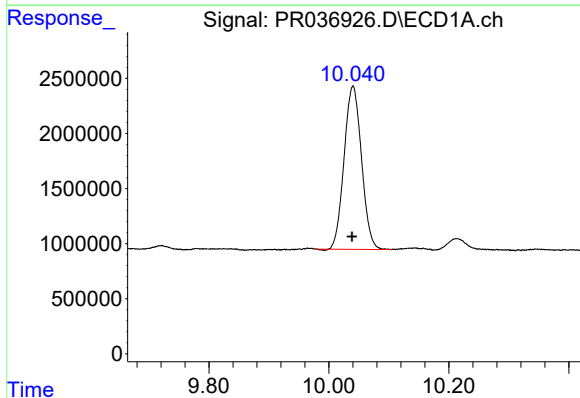
R.T.: 4.395 min  
Delta R.T.: 0.003 min  
Response: 25151507  
Conc: 15.79 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



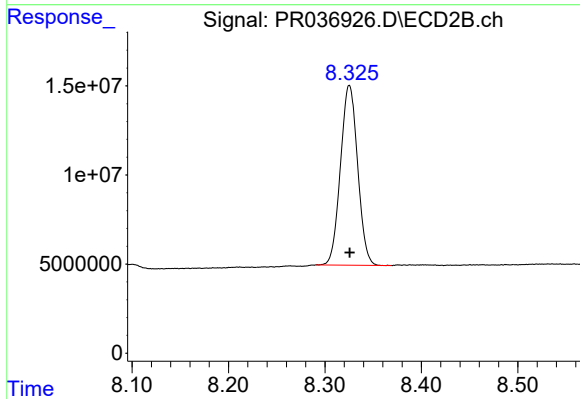
#1 Tetrachloro-m-xylene

R.T.: 3.466 min  
Delta R.T.: 0.002 min  
Response: 88187260  
Conc: 15.05 ng/ml



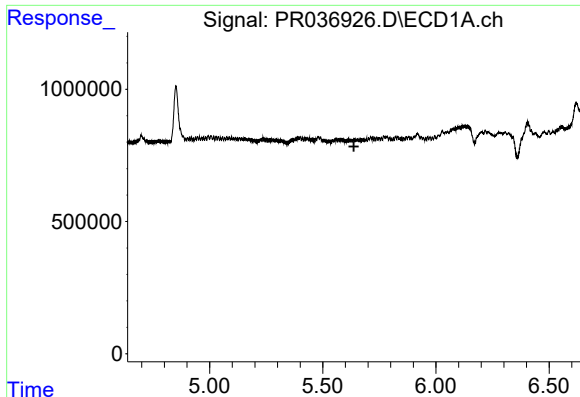
#2 Decachlorobiphenyl

R.T.: 10.040 min  
Delta R.T.: 0.002 min  
Response: 29911736  
Conc: 15.97 ng/ml



#2 Decachlorobiphenyl

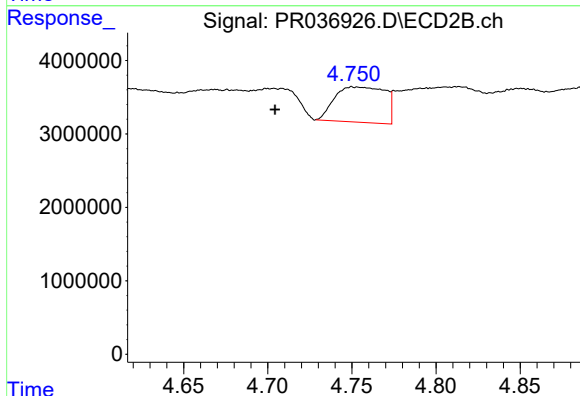
R.T.: 8.325 min  
Delta R.T.: 0.000 min  
Response: 124468977  
Conc: 15.59 ng/ml



#5 AR-1016-3

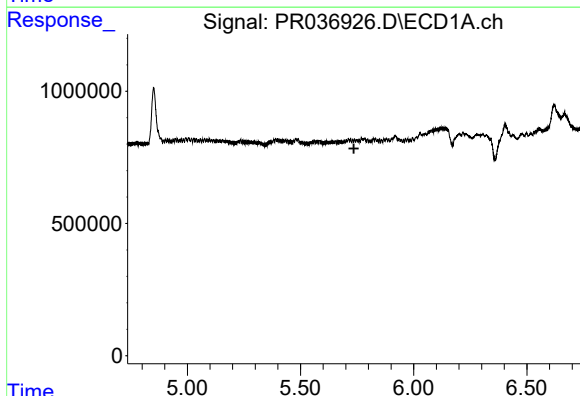
R.T.: 0.000 min  
Exp R.T. : 5.638 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



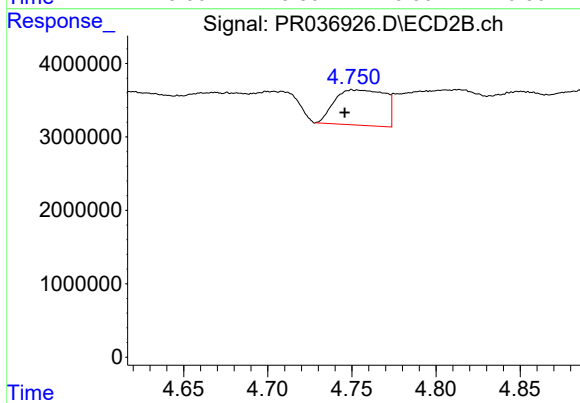
#5 AR-1016-3

R.T.: 4.751 min  
Delta R.T.: 0.046 min  
Response: 10023638  
Conc: 51.39 ng/ml



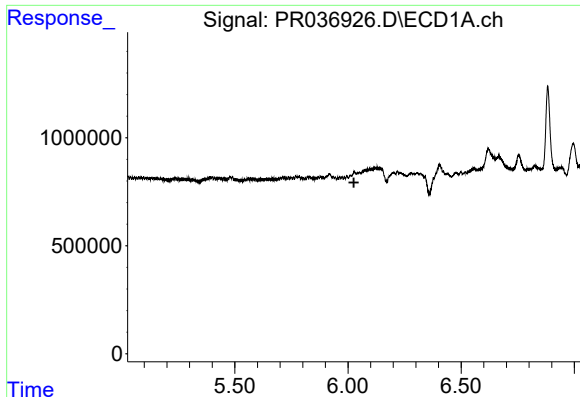
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.736 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

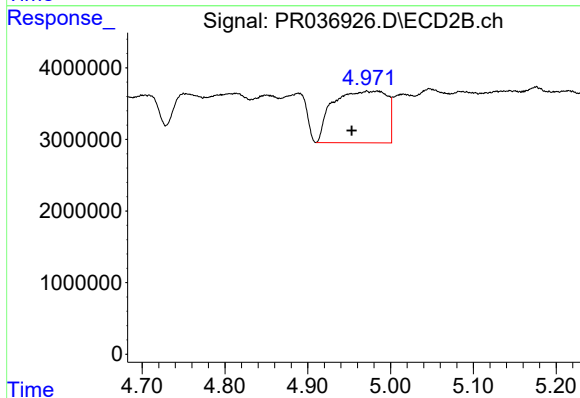
R.T.: 4.751 min  
Delta R.T.: 0.005 min  
Response: 10023638  
Conc: 66.01 ng/ml



#7 AR-1016-5

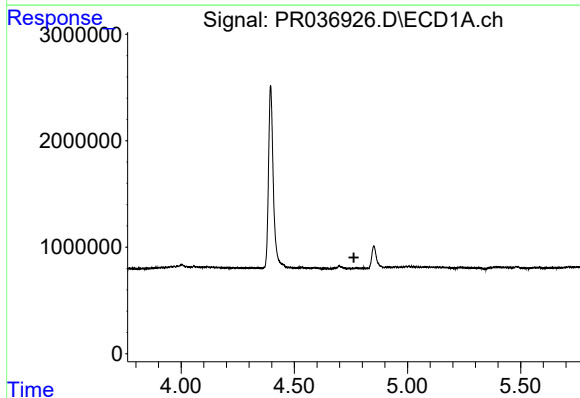
R.T.: 0.000 min  
Exp R.T.: 6.026 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



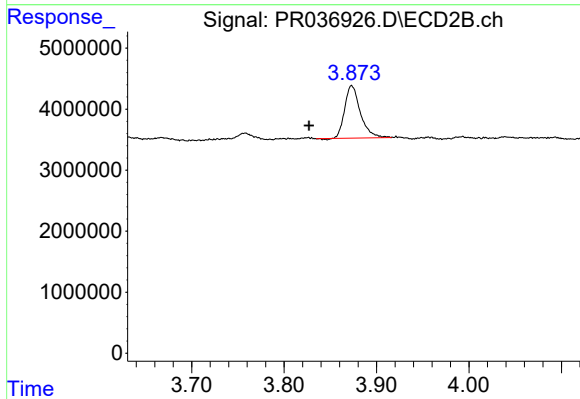
#7 AR-1016-5

R.T.: 4.971 min  
Delta R.T.: 0.018 min  
Response: 32561481  
Conc: 156.68 ng/ml



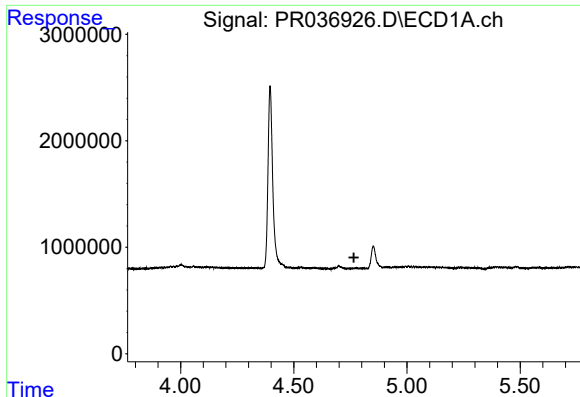
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.763 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

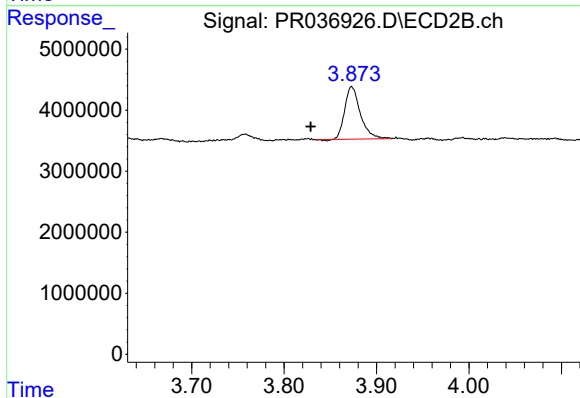
R.T.: 3.873 min  
Delta R.T.: 0.046 min  
Response: 10093230  
Conc: 67.04 ng/ml



#11 AR-1232-1

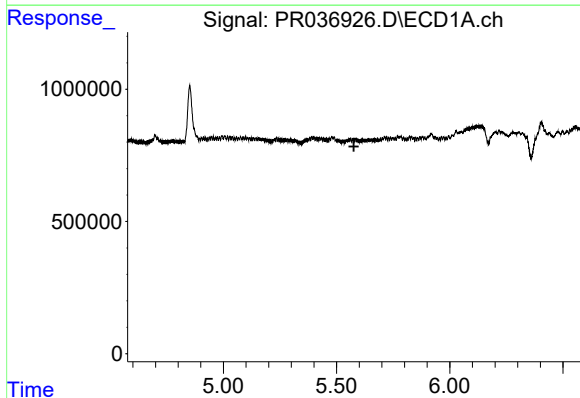
R.T.: 0.000 min  
Exp R.T.: 4.766 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



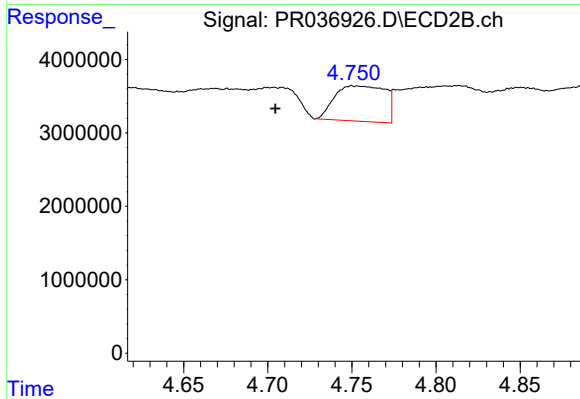
#11 AR-1232-1

R.T.: 3.873 min  
Delta R.T.: 0.044 min  
Response: 10093230  
Conc: 106.75 ng/ml



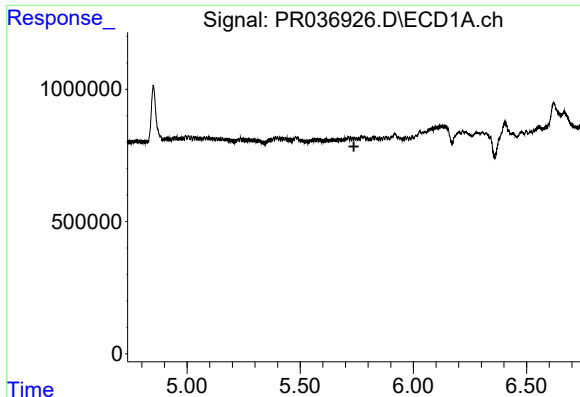
#13 AR-1232-3

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



#13 AR-1232-3

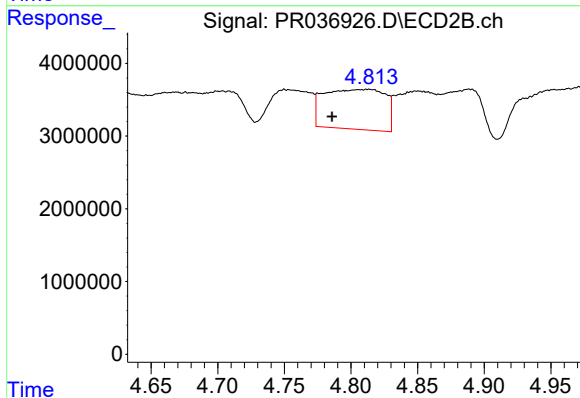
R.T.: 4.751 min  
Delta R.T.: 0.046 min  
Response: 10023638  
Conc: 174.46 ng/ml



#14 AR-1232-4

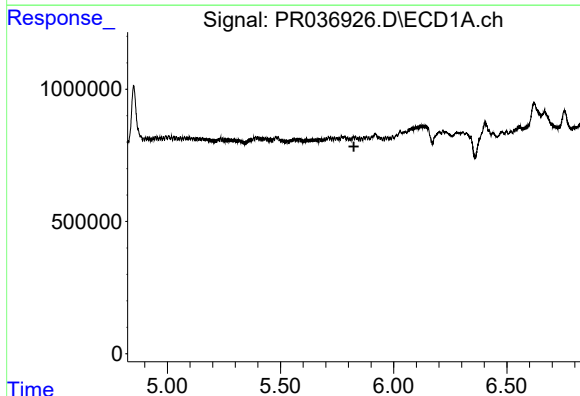
R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



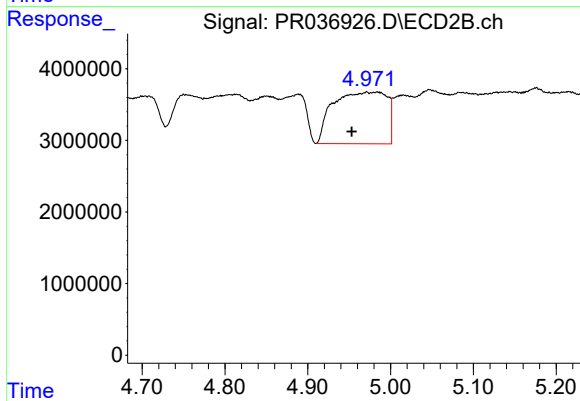
#14 AR-1232-4

R.T.: 4.813 min  
Delta R.T.: 0.027 min  
Response: 17549587  
Conc: 354.77 ng/ml



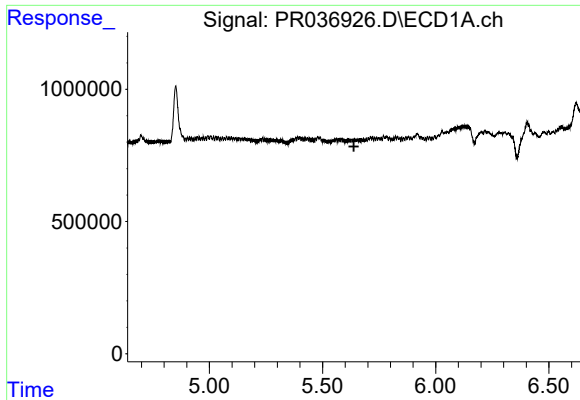
#15 AR-1232-5

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



#15 AR-1232-5

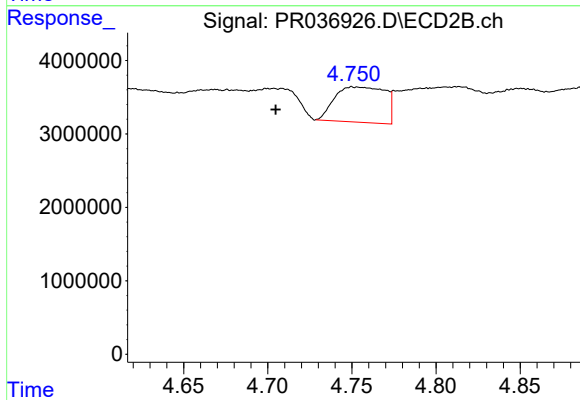
R.T.: 4.971 min  
Delta R.T.: 0.018 min  
Response: 32561481  
Conc: 568.14 ng/ml



#18 AR-1242-3

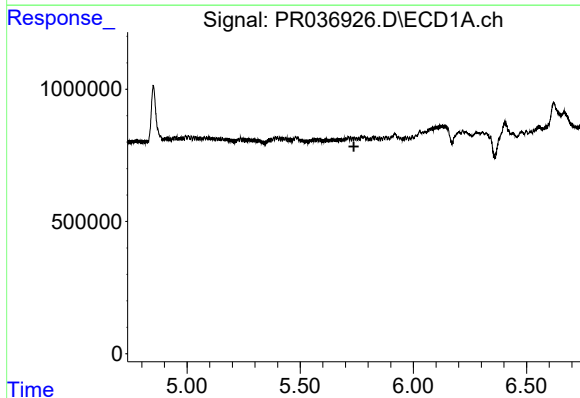
R.T.: 0.000 min  
Exp R.T.: 5.639 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



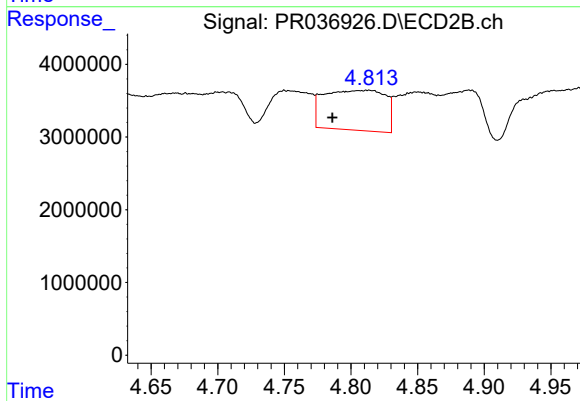
#18 AR-1242-3

R.T.: 4.751 min  
Delta R.T.: 0.046 min  
Response: 10023638  
Conc: 104.84 ng/ml



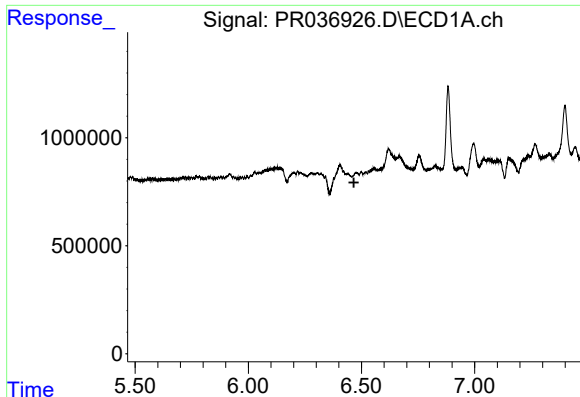
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

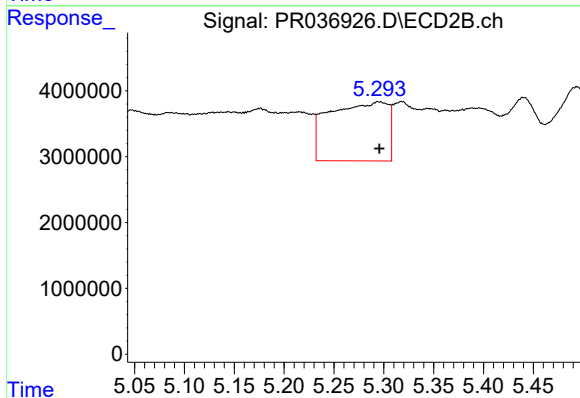
R.T.: 4.813 min  
Delta R.T.: 0.027 min  
Response: 17549587  
Conc: 194.37 ng/ml



#20 AR-1242-5

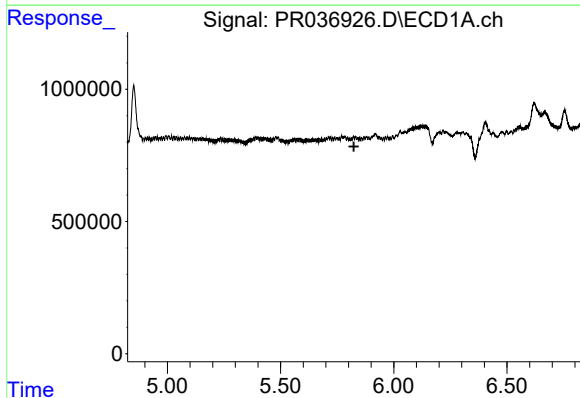
R.T.: 0.000 min  
Exp R.T.: 6.467 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



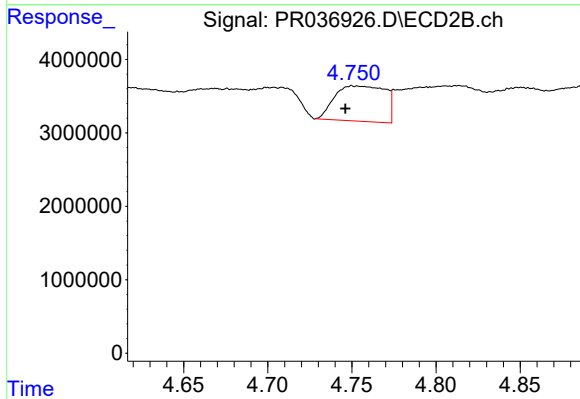
#20 AR-1242-5

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 36630237  
Conc: 265.33 ng/ml



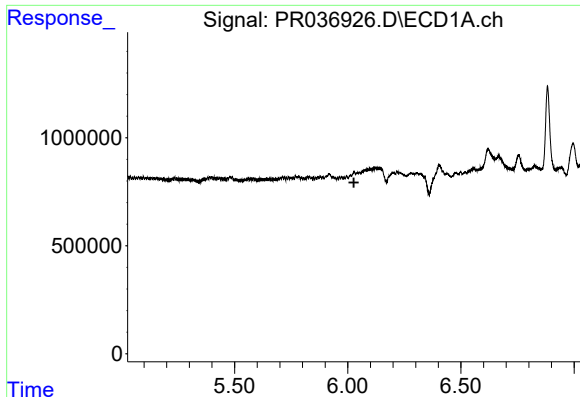
#22 AR-1248-2

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



#22 AR-1248-2

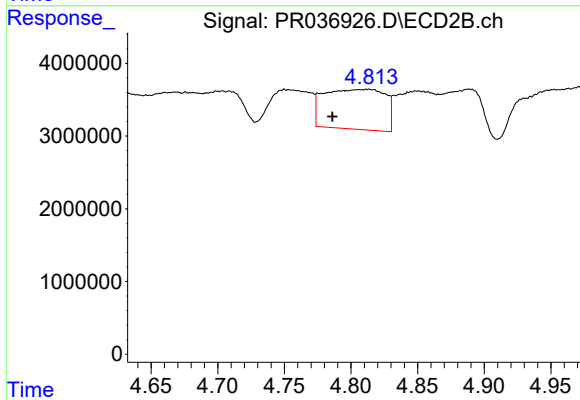
R.T.: 4.751 min  
Delta R.T.: 0.004 min  
Response: 10023638  
Conc: 74.23 ng/ml



#23 AR-1248-3

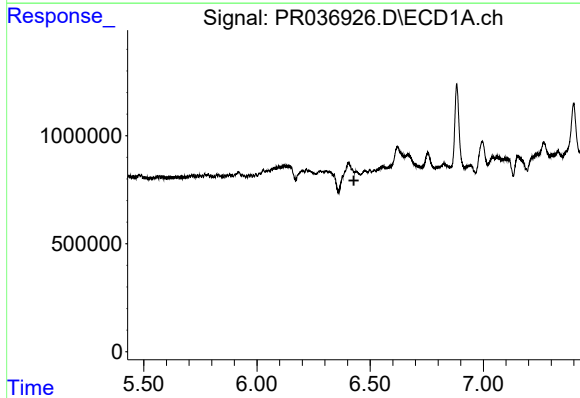
R.T.: 0.000 min  
Exp R.T.: 6.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



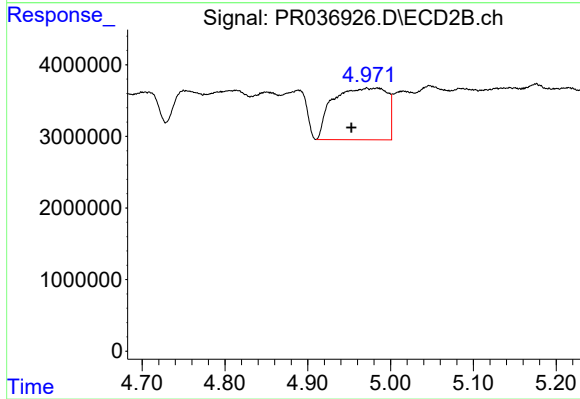
#23 AR-1248-3

R.T.: 4.813 min  
Delta R.T.: 0.027 min  
Response: 17549587  
Conc: 126.10 ng/ml



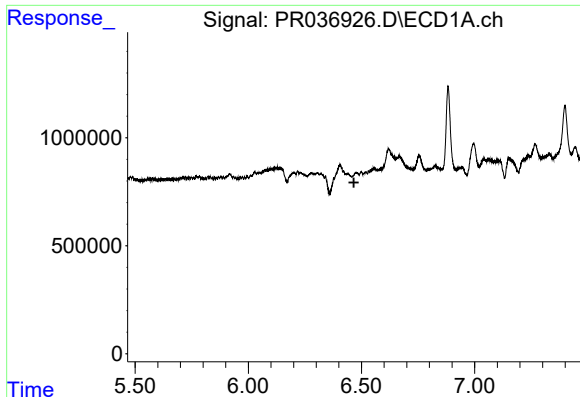
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.428 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

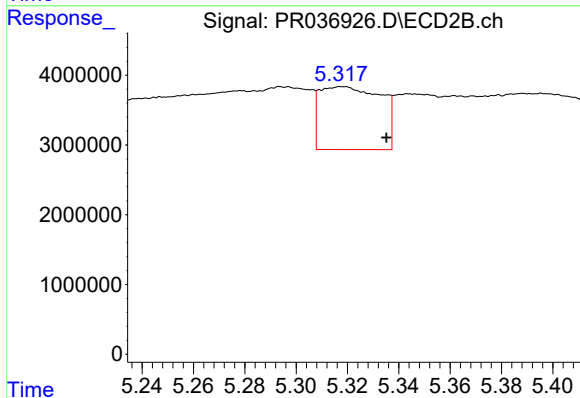
R.T.: 4.971 min  
Delta R.T.: 0.019 min  
Response: 32561481  
Conc: 184.63 ng/ml



#25 AR-1248-5

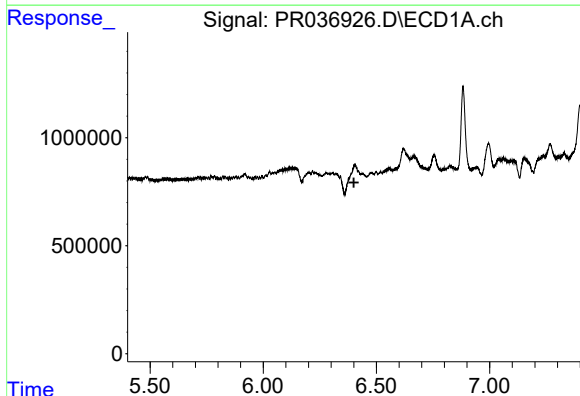
R.T.: 0.000 min  
Exp R.T.: 6.467 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



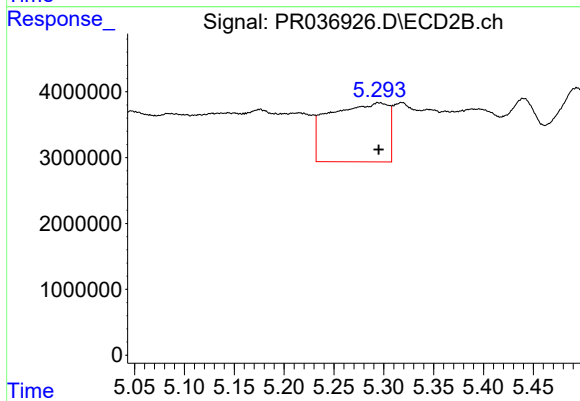
#25 AR-1248-5

R.T.: 5.318 min  
Delta R.T.: -0.017 min  
Response: 14904300  
Conc: 76.66 ng/ml



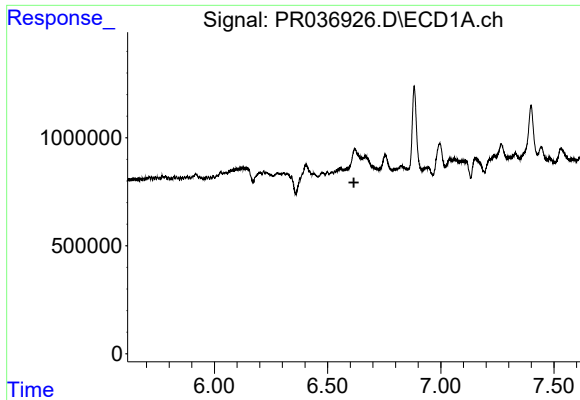
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.400 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

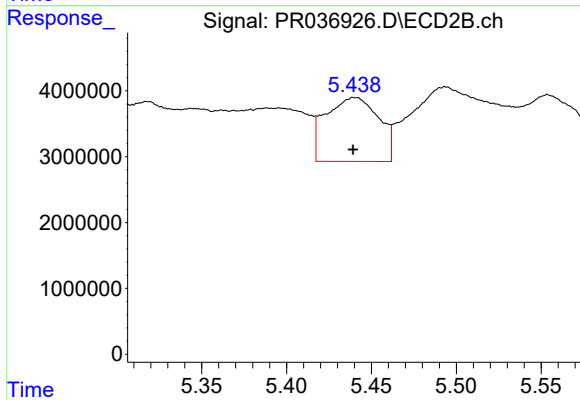
R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 36630237  
Conc: 111.38 ng/ml



#27 AR-1254-2

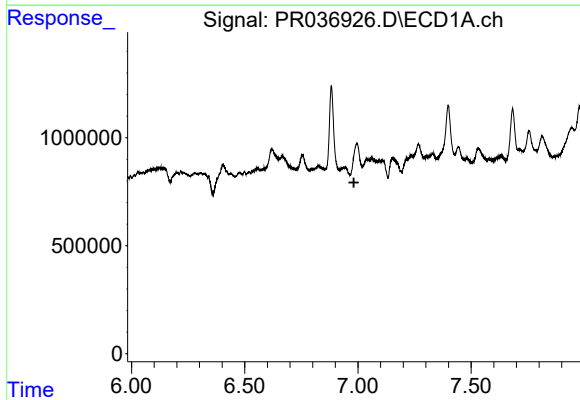
R.T.: 0.000 min  
Exp R.T.: 6.616 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



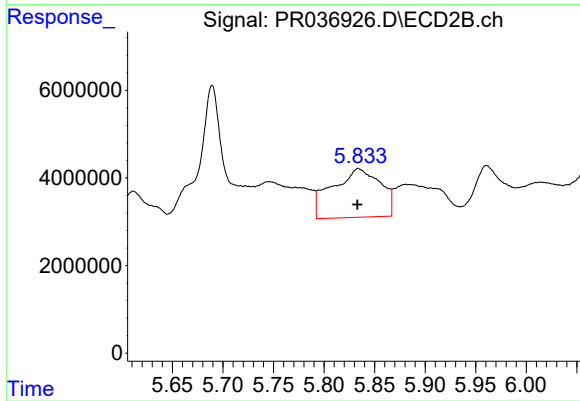
#27 AR-1254-2

R.T.: 5.440 min  
Delta R.T.: 0.001 min  
Response: 21089716  
Conc: 71.24 ng/ml



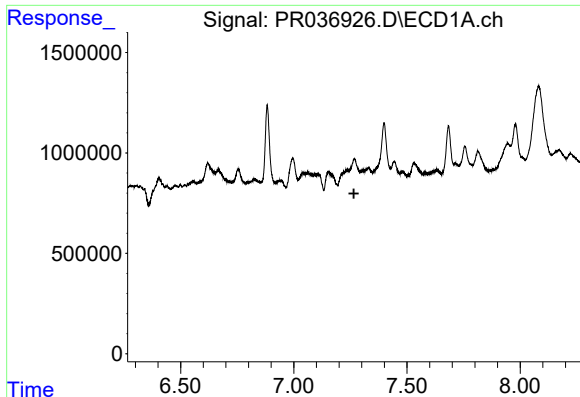
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.982 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

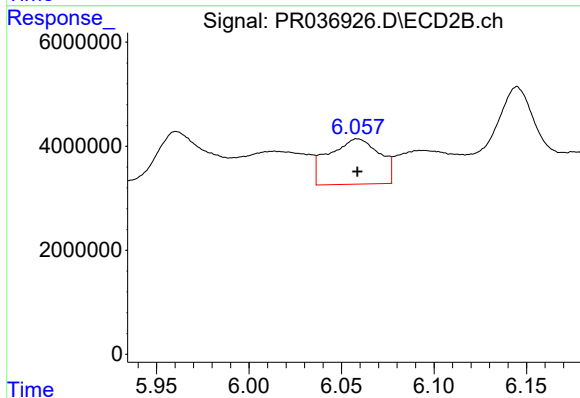
R.T.: 5.834 min  
Delta R.T.: 0.000 min  
Response: 36733325  
Conc: 72.21 ng/ml



#29 AR-1254-4

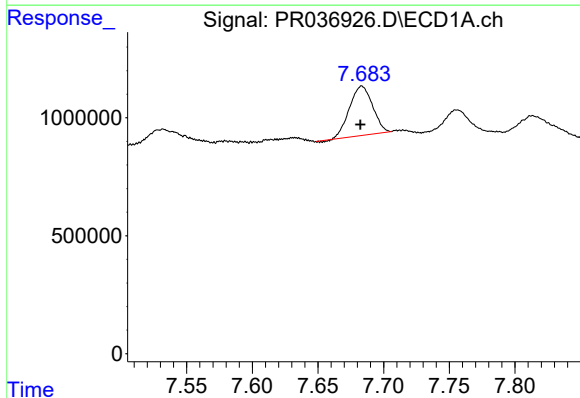
R.T.: 0.000 min  
Exp R.T.: 7.265 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



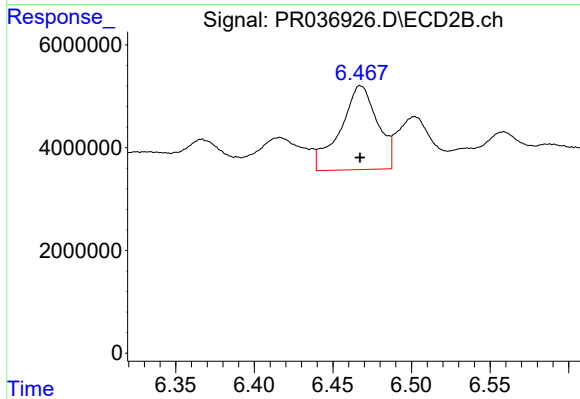
#29 AR-1254-4

R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 16716324  
Conc: 43.62 ng/ml



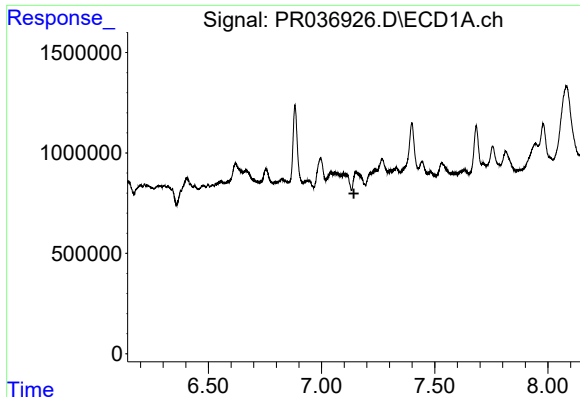
#30 AR-1254-5

R.T.: 7.683 min  
Delta R.T.: 0.001 min  
Response: 2553484  
Conc: 24.99 ng/ml



#30 AR-1254-5

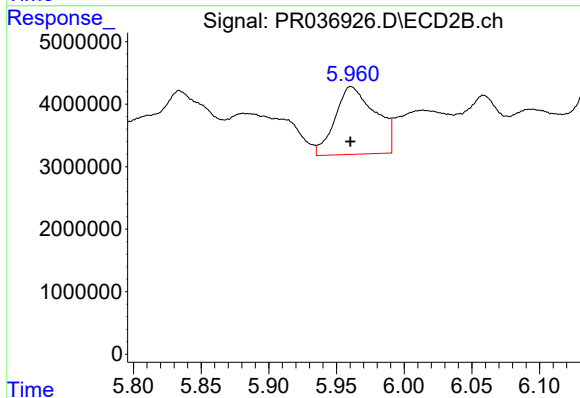
R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 26873098  
Conc: 52.86 ng/ml



#31 AR-1260-1

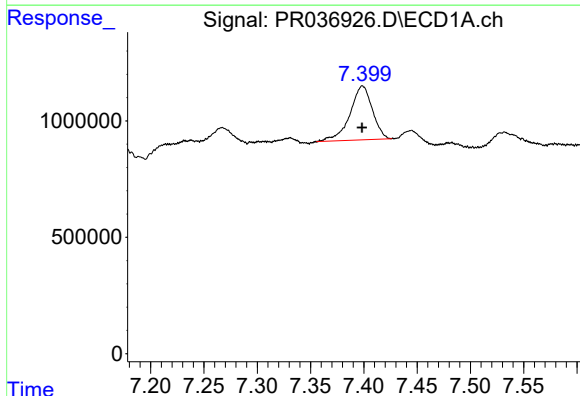
R.T.: 0.000 min  
Exp R.T.: 7.143 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



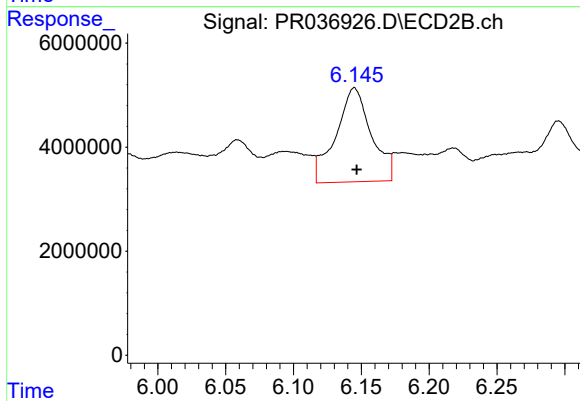
#31 AR-1260-1

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 22443692  
Conc: 51.31 ng/ml



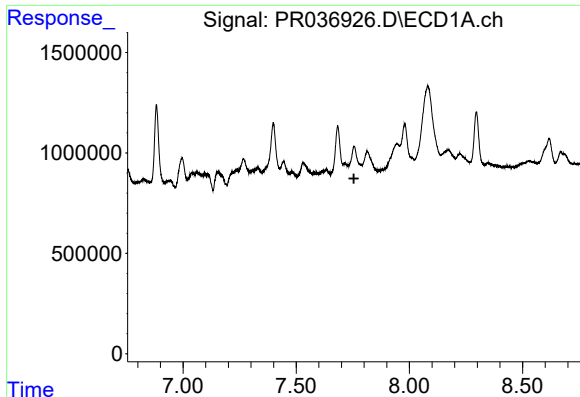
#32 AR-1260-2

R.T.: 7.399 min  
Delta R.T.: 0.000 min  
Response: 3371814  
Conc: 27.48 ng/ml



#32 AR-1260-2

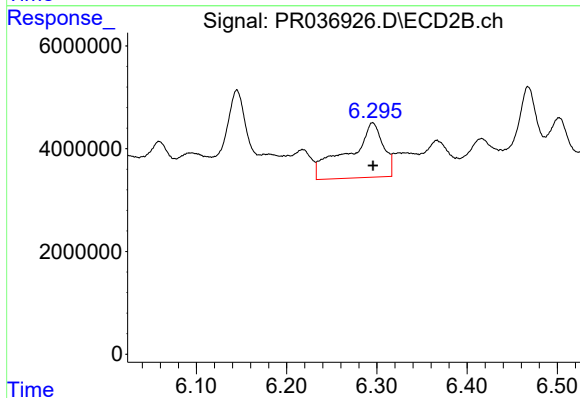
R.T.: 6.145 min  
Delta R.T.: -0.002 min  
Response: 32952020  
Conc: 50.38 ng/ml



#33 AR-1260-3

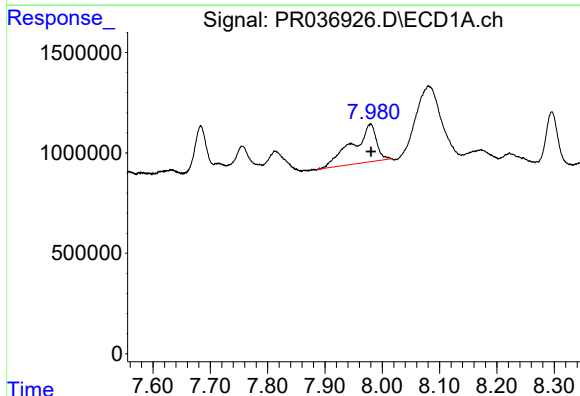
R.T.: 0.000 min  
Exp R.T.: 7.755 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



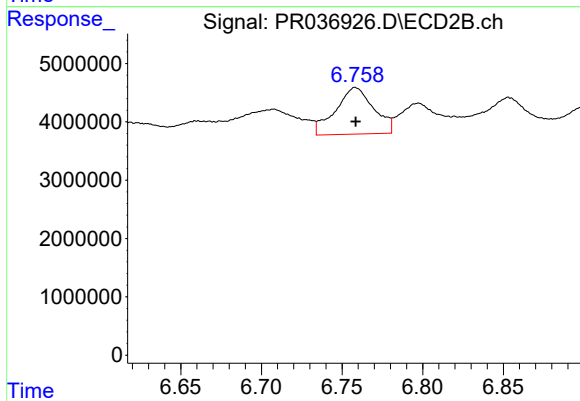
#33 AR-1260-3

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 28815332  
Conc: 54.48 ng/ml



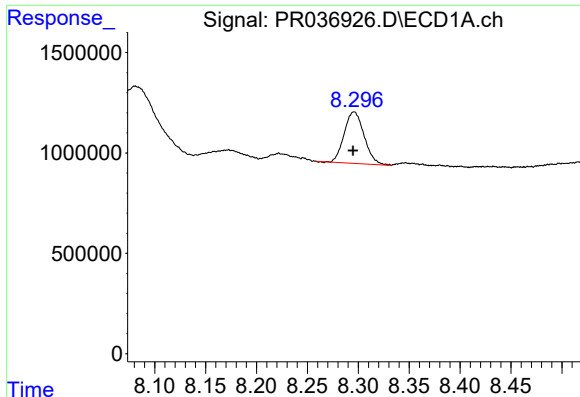
#34 AR-1260-4

R.T.: 7.980 min  
Delta R.T.: 0.000 min  
Response: 5498154  
Conc: 49.62 ng/ml



#34 AR-1260-4

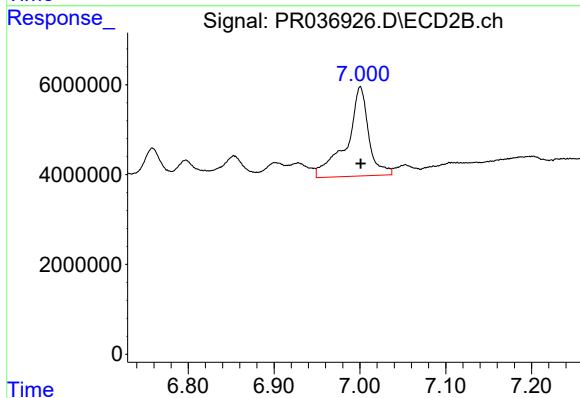
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 13199823  
Conc: 28.30 ng/ml



#35 AR-1260-5

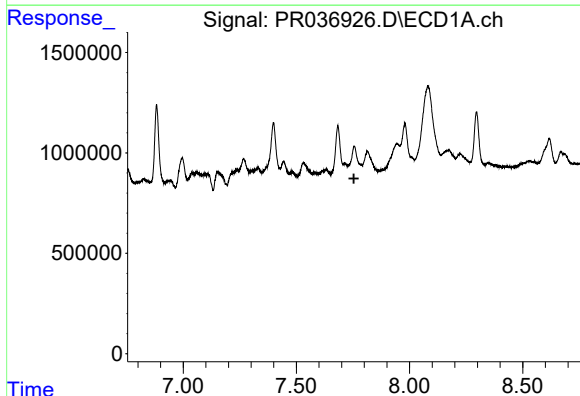
R.T.: 8.296 min  
Delta R.T.: 0.001 min  
Response: 3503755  
Conc: 16.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



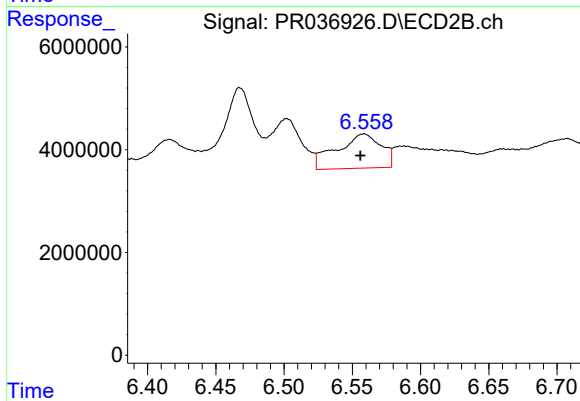
#35 AR-1260-5

R.T.: 7.000 min  
Delta R.T.: 0.000 min  
Response: 35070929  
Conc: 26.34 ng/ml



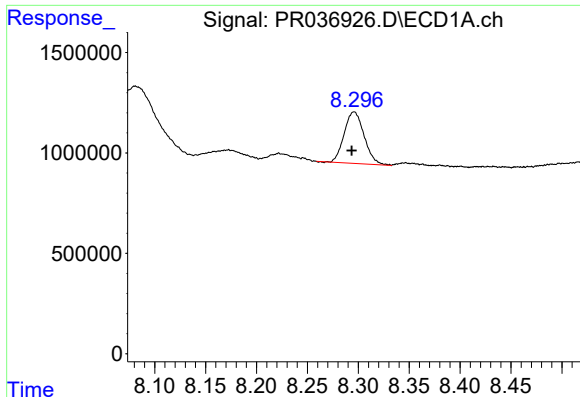
#36 AR-1262-1

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



#36 AR-1262-1

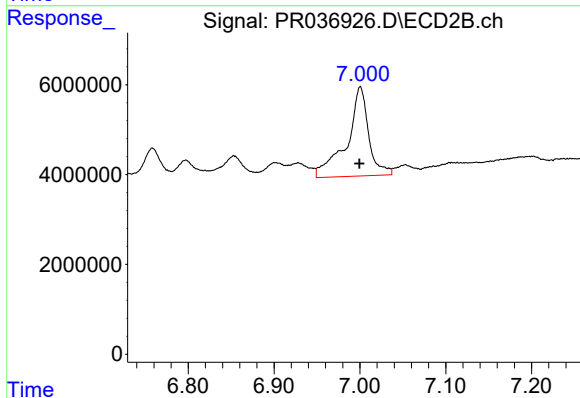
R.T.: 6.559 min  
Delta R.T.: 0.003 min  
Response: 15147997  
Conc: 55.26 ng/ml



#37 AR-1262-2

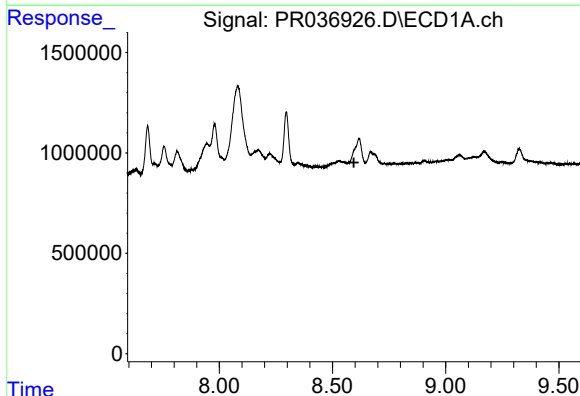
R.T.: 8.296 min  
Delta R.T.: 0.002 min  
Response: 3503755  
Conc: 16.25 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



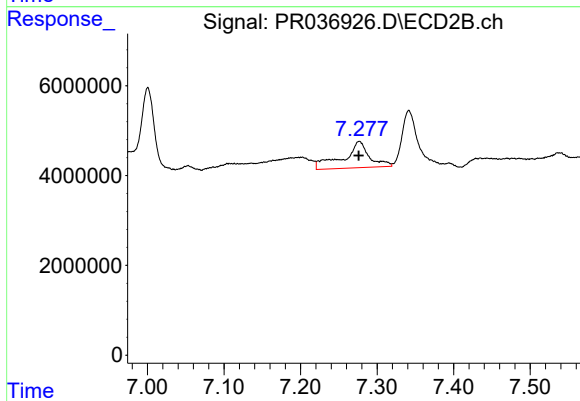
#37 AR-1262-2

R.T.: 7.000 min  
Delta R.T.: 0.000 min  
Response: 35070929  
Conc: 25.59 ng/ml



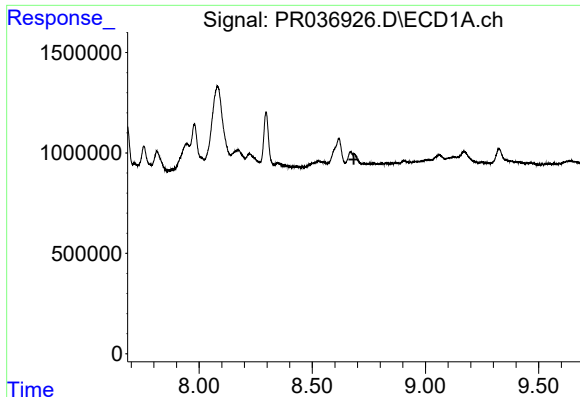
#38 AR-1262-3

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



#38 AR-1262-3

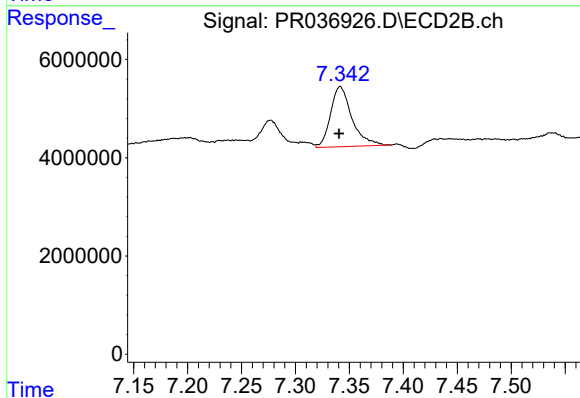
R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 13982273  
Conc: 25.61 ng/ml



#39 AR-1262-4

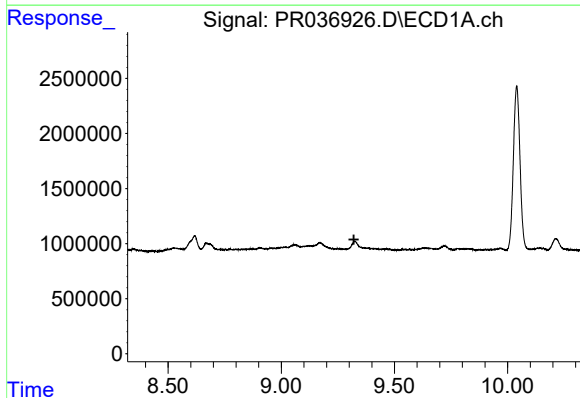
R.T.: 0.000 min  
Exp R.T.: 8.684 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



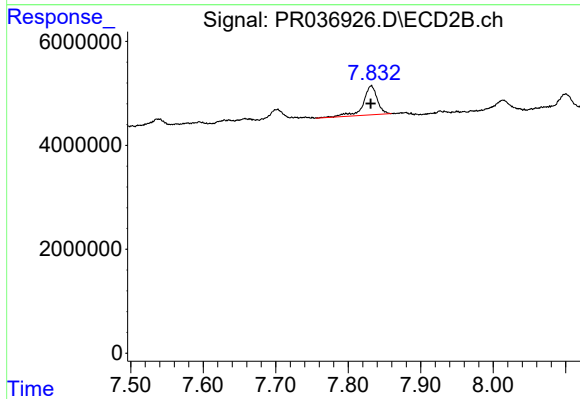
#39 AR-1262-4

R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 16810192  
Conc: 18.30 ng/ml



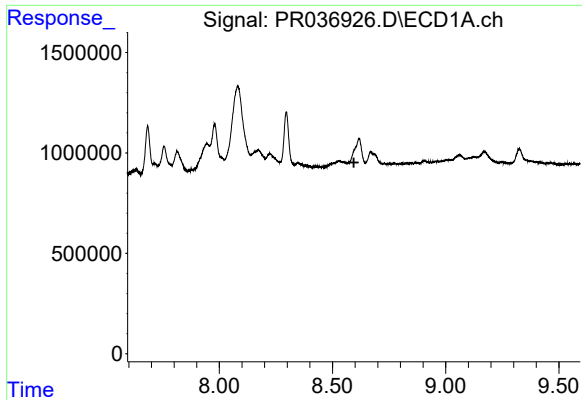
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.321 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

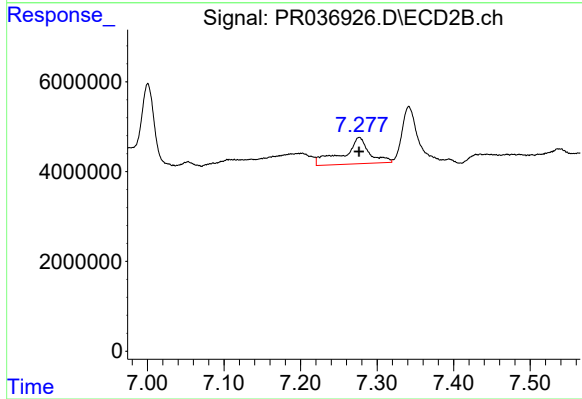
R.T.: 7.832 min  
Delta R.T.: 0.000 min  
Response: 7577730  
Conc: 18.87 ng/ml



#41 AR-1268-1

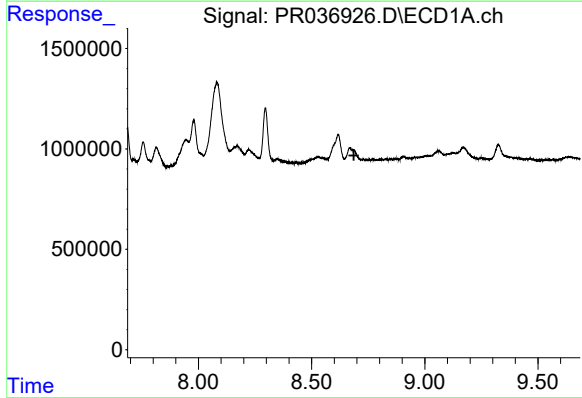
R.T.: 0.000 min  
Exp R.T.: 8.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



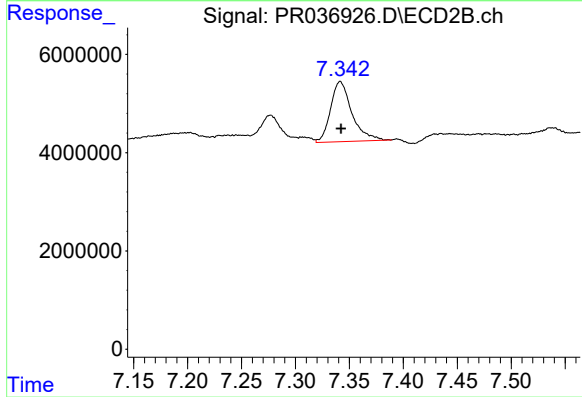
#41 AR-1268-1

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 13982273  
Conc: 9.45 ng/ml



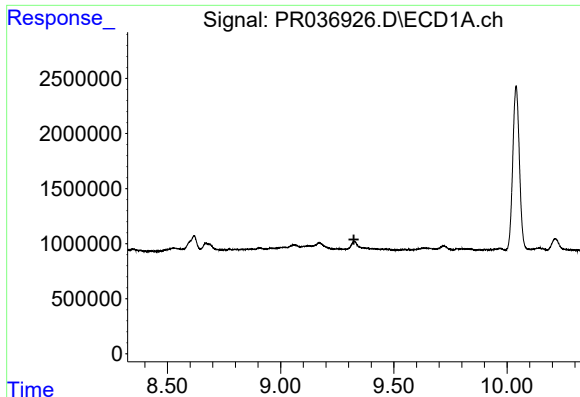
#42 AR-1268-2

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



#42 AR-1268-2

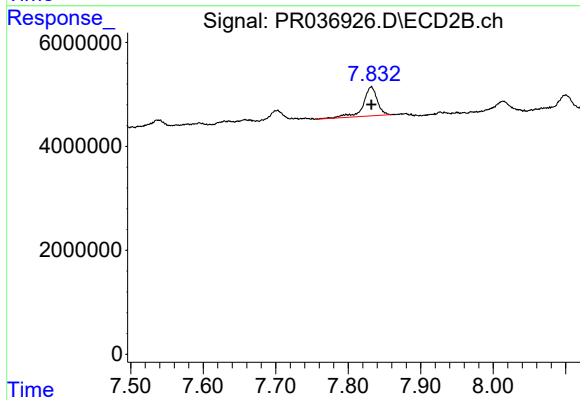
R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 16810192  
Conc: 13.39 ng/ml



#44 AR-1268-4

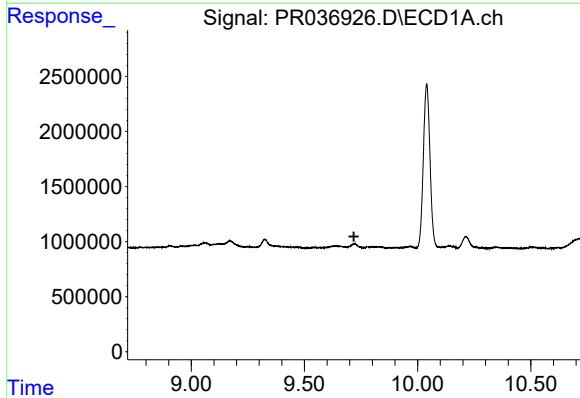
R.T.: 0.000 min  
Exp R.T.: 9.323 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S9C(2-10)COMP



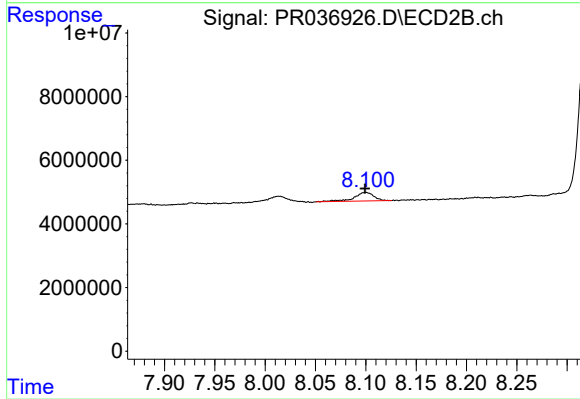
#44 AR-1268-4

R.T.: 7.832 min  
Delta R.T.: 0.000 min  
Response: 7577730  
Conc: 17.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.719 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.100 min  
Delta R.T.: 0.000 min  
Response: 3646472  
Conc: 1.21 ng/ml