

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071818\
 Data File : PQ030752.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2018 00:12
 Operator : SM\SJ
 Sample : J4027-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:45:30 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 17 07:30:03 2018
 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...	4.425	3.691	813.4E6	241.4E6	21.522	21.147
2)	SA Decachlor...	10.094	8.651	754.6E6	425.8E6	20.752	20.102
Target Compounds							
3)	L1 AR-1016-1	4.794	4.547	44042197	6858167	90.263	26.038 #
4)	L1 AR-1016-2	5.328	4.956	142.6E6	26042707	187.194	92.428 #
5)	L1 AR-1016-3	5.670	4.998	138.9E6	69526635	134.937	311.208 #
6)	L1 AR-1016-4	5.770	5.039	54086367	49547547	64.045	177.098 #
7)	L1 AR-1016-5	6.224	5.209	264.5E6	36709568	297.203	118.730 #
8)	L2 AR-1221-1	4.599	3.960	75099526	758324	146.320	4.289 #
9)	L2 AR-1221-2	4.737	3.960	3987988	758324	10.992	6.440 #
10)	L2 AR-1221-3	4.794	4.062	44042197	8188458	35.619	20.383 #
11)	L3 AR-1232-1	4.794	4.062	44042197	8188458	59.580	39.794 #
12)	L3 AR-1232-2	5.328	4.838	142.6E6	12050727	361.158	64.359 #
13)	L3 AR-1232-3	5.670	4.956	138.9E6	26042707	203.507	205.758
14)	L3 AR-1232-4	5.770	5.209	54086367	36709568	105.202	249.540 #
15)	L3 AR-1232-5	6.060	5.559	110.0E6	191.0E6	267.941	1103.335 #
16)	L4 AR-1242-1	5.328	4.547	142.6E6	6858167	181.775	23.591 #
17)	L4 AR-1242-2	5.589	4.764	90210205	18539626	78.308	48.745 #
18)	L4 AR-1242-3	5.670	4.956	138.9E6	26042707	140.576	90.146 #
19)	L4 AR-1242-4	6.060	5.039	110.0E6	49547547	139.297	162.607
20)	L4 AR-1242-5	6.224	5.209	264.5E6	36709568	277.123	108.142 #
21)	L5 AR-1248-1	6.060	4.998	110.0E6	69526635	92.086	187.044 #
22)	L5 AR-1248-2	6.224	5.039	264.5E6	49547547	243.338	124.570 #
23)	L5 AR-1248-3	6.435	5.209	574.3E6	36709568	522.508	74.808 #
24)	L5 AR-1248-4	6.497	5.559	133.0E6	191.0E6	97.148	253.108 #
25)	L5 AR-1248-5	6.652	5.599	531.0E6	31028590	368.660	58.347 #
26)	L6 AR-1254-1	6.435	5.559	574.3E6	191.0E6	368.950	231.120 #
27)	L6 AR-1254-2	6.652	5.702	531.0E6	102.9E6	210.210	138.268 #
28)	L6 AR-1254-3	7.014	6.103	494.0E6	187.6E6	183.253	143.851
29)	L6 AR-1254-4	7.294	6.328	277.1E6	77982932	136.704	76.214 #
30)	L6 AR-1254-5	7.710	6.569	210.8E6	69478670	97.161	133.354 #
31)	L7 AR-1260-1	7.173	6.231	217.2E6	76560713	126.938	97.858
32)	L7 AR-1260-2	7.425	6.569	409.6E6	69478670	203.856	78.216 #
33)	L7 AR-1260-3	7.710	7.038	210.8E6	25572102	84.922	33.477 #
34)	L7 AR-1260-4	8.000	7.275	82131143	48563744	49.227	24.840 #
35)	L7 AR-1260-5	8.322	7.558	72398280	4780035	20.081	3.276 #
36)	L8 AR-1262-1	7.173	6.231	217.2E6	76560713	107.666	96.348
37)	L8 AR-1262-2	7.425	6.415	409.6E6	59571695	180.428	63.613 #
38)	L8 AR-1262-3	7.781	6.775	60199846	23663382	21.097	17.877
39)	L8 AR-1262-4	8.000	7.038	82131143	25572102	30.120	20.833 #
40)	L8 AR-1262-5	8.322	7.275	72398280	48563744	13.308	18.093 #
41)	L9 AR-1268-1	8.645	7.558	63060102	4780035	14.785	2.067 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071818\
 Data File : PQ030752.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2018 00:12
 Operator : SM\SJ
 Sample : J4027-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

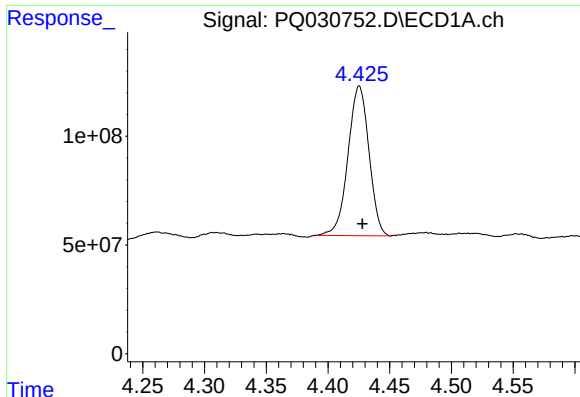
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:45:30 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 17 07:30:03 2018
 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
42) L9	AR-1268-2	8.721	7.558	41393806	4780035	10.556	2.107 #
44) L9	AR-1268-4	9.362	0.000	13410123	0	9.102	N.D. #
45) L9	AR-1268-5	9.766	8.398	67977165	12234295	6.166	1.867 #

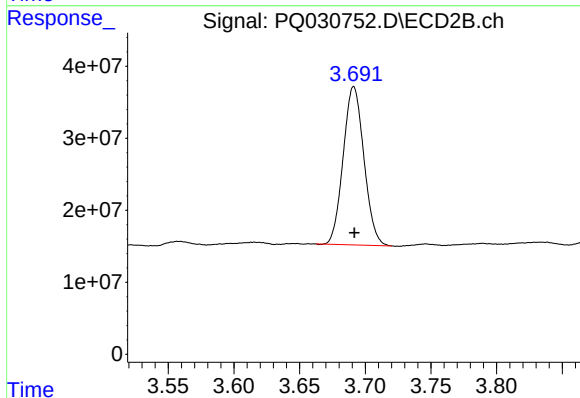
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

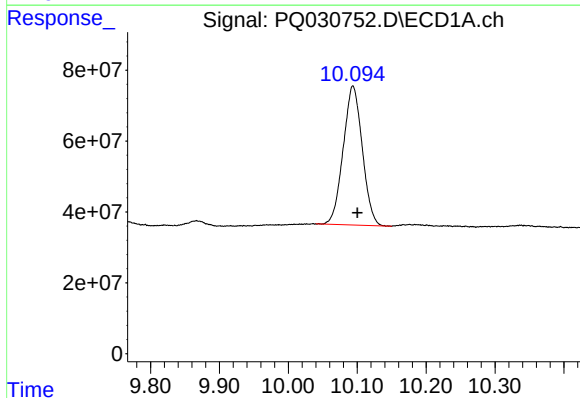
R.T.: 4.425 min
Delta R.T.: -0.003 min
Response: 813407360
Conc: 21.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



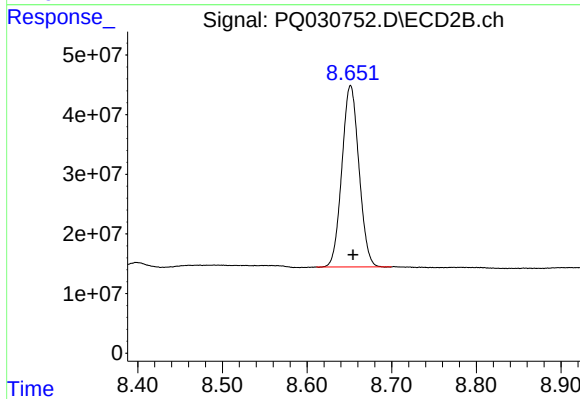
#1 Tetrachloro-m-xylene

R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 241380840
Conc: 21.15 ng/ml



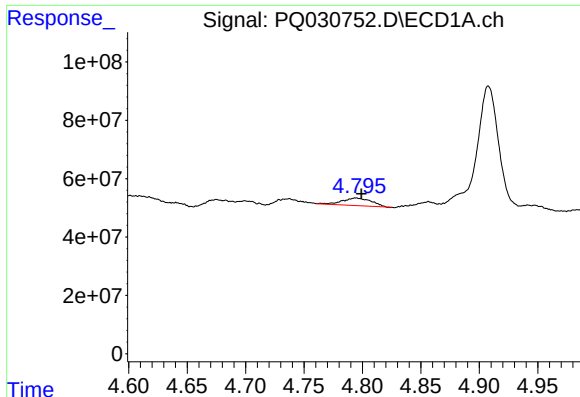
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: -0.007 min
Response: 754600817
Conc: 20.75 ng/ml



#2 Decachlorobiphenyl

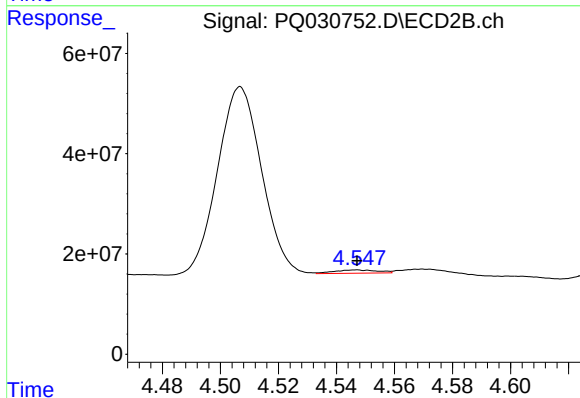
R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 425819160
Conc: 20.10 ng/ml



#3 AR-1016-1

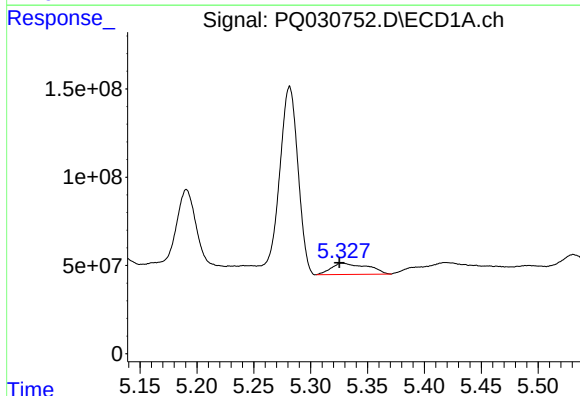
R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 44042197
Conc: 90.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



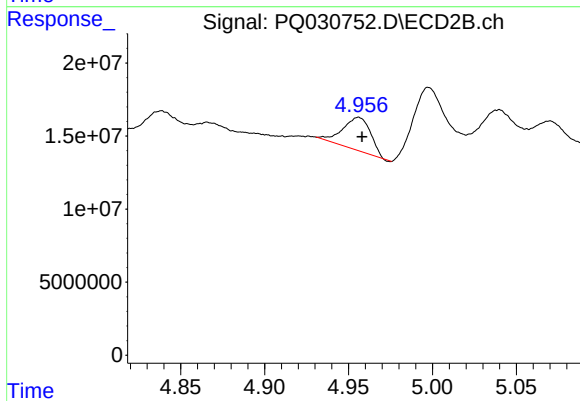
#3 AR-1016-1

R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 6858167
Conc: 26.04 ng/ml



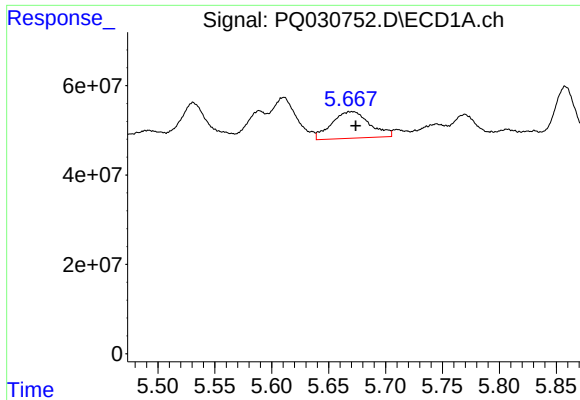
#4 AR-1016-2

R.T.: 5.328 min
Delta R.T.: 0.003 min
Response: 142589205
Conc: 187.19 ng/ml



#4 AR-1016-2

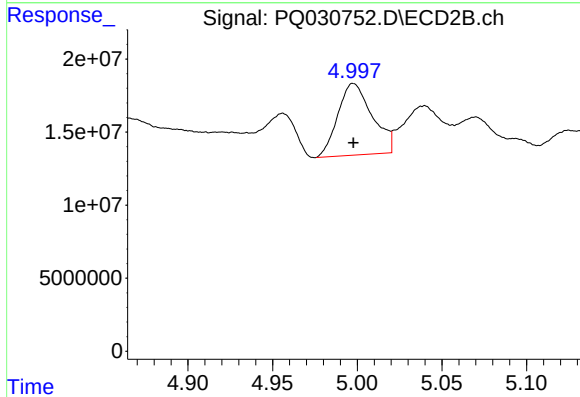
R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 26042707
Conc: 92.43 ng/ml



#5 AR-1016-3

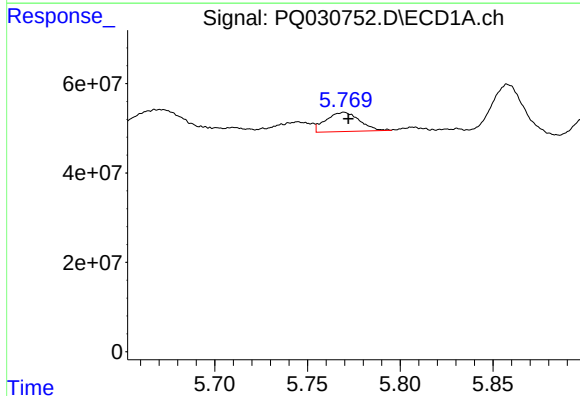
R.T.: 5.670 min
Delta R.T.: -0.004 min
Response: 138905800
Conc: 134.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



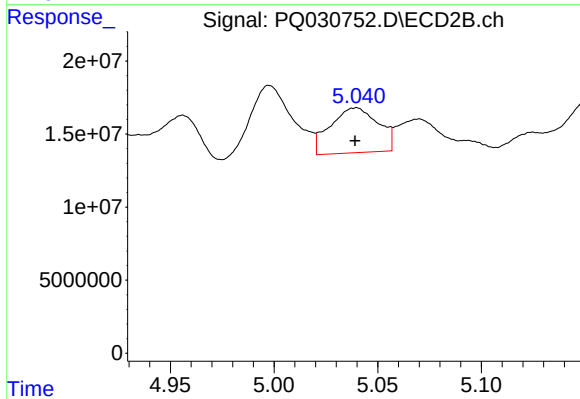
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 69526635
Conc: 311.21 ng/ml



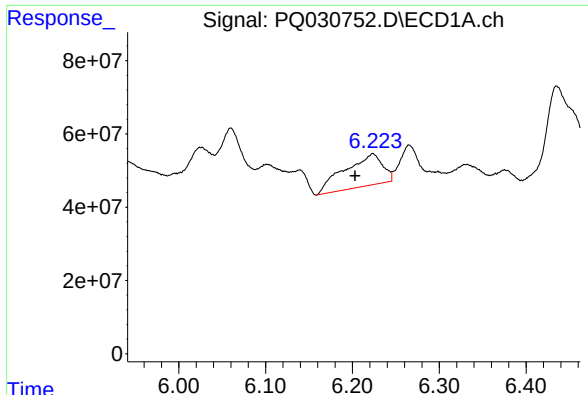
#6 AR-1016-4

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 54086367
Conc: 64.04 ng/ml



#6 AR-1016-4

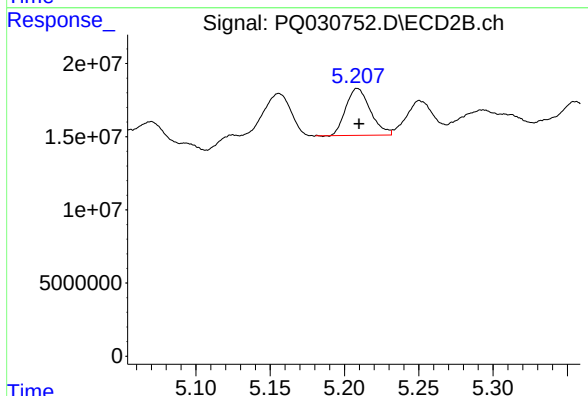
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 49547547
Conc: 177.10 ng/ml



#7 AR-1016-5

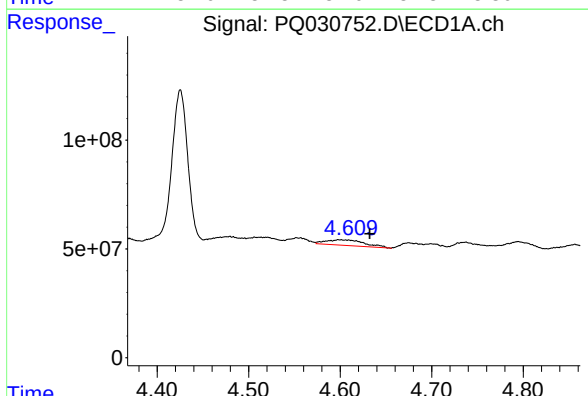
R.T.: 6.224 min
Delta R.T.: 0.021 min
Response: 264502626
Conc: 297.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



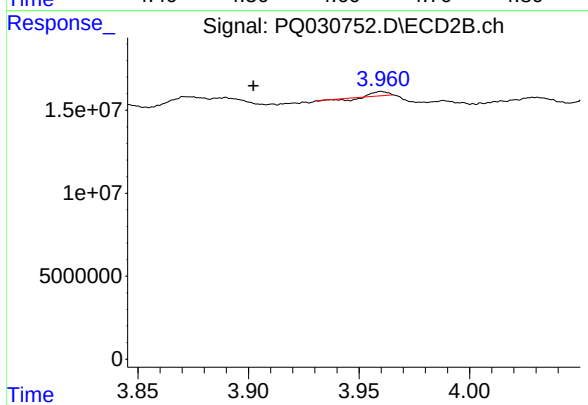
#7 AR-1016-5

R.T.: 5.209 min
Delta R.T.: -0.001 min
Response: 36709568
Conc: 118.73 ng/ml



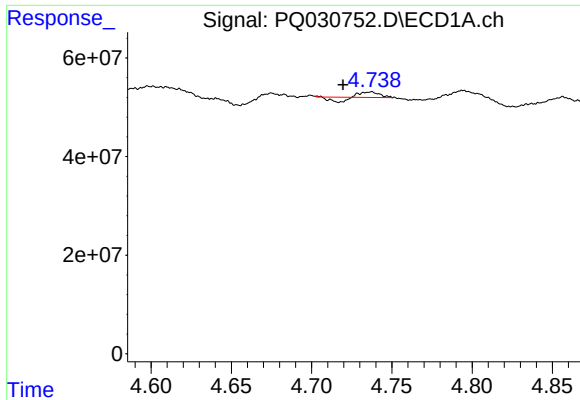
#8 AR-1221-1

R.T.: 4.599 min
Delta R.T.: -0.033 min
Response: 75099526
Conc: 146.32 ng/ml



#8 AR-1221-1

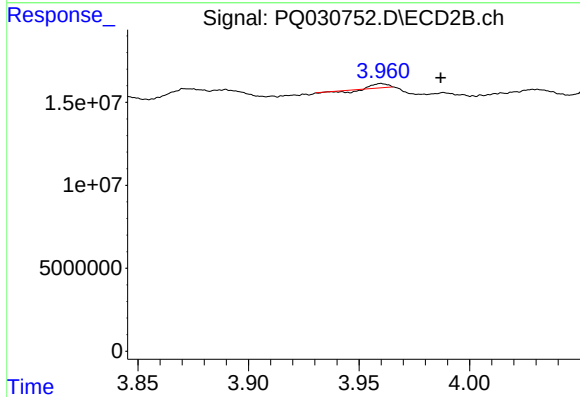
R.T.: 3.960 min
Delta R.T.: 0.058 min
Response: 758324
Conc: 4.29 ng/ml



#9 AR-1221-2

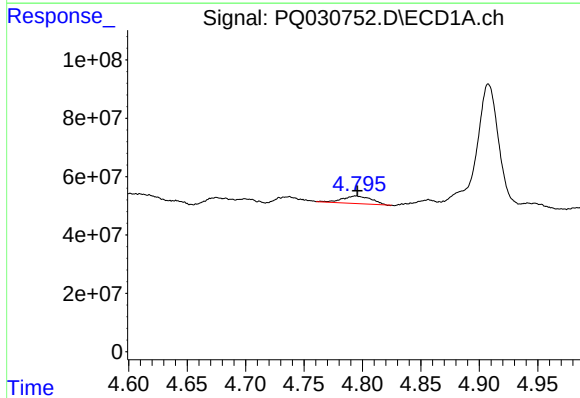
R.T.: 4.737 min
Delta R.T.: 0.017 min
Response: 3987988
Conc: 10.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



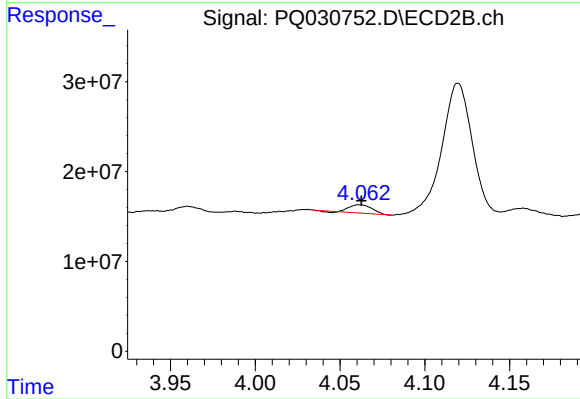
#9 AR-1221-2

R.T.: 3.960 min
Delta R.T.: -0.027 min
Response: 758324
Conc: 6.44 ng/ml



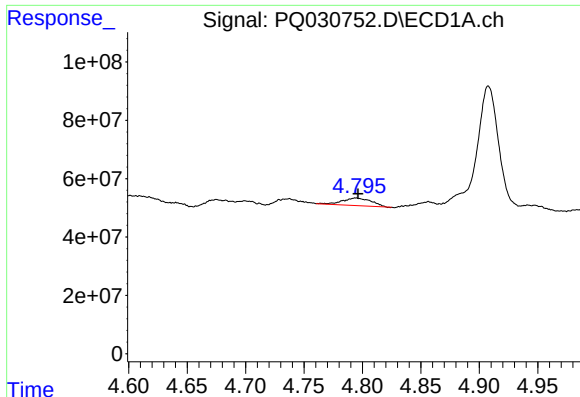
#10 AR-1221-3

R.T.: 4.794 min
Delta R.T.: -0.001 min
Response: 44042197
Conc: 35.62 ng/ml



#10 AR-1221-3

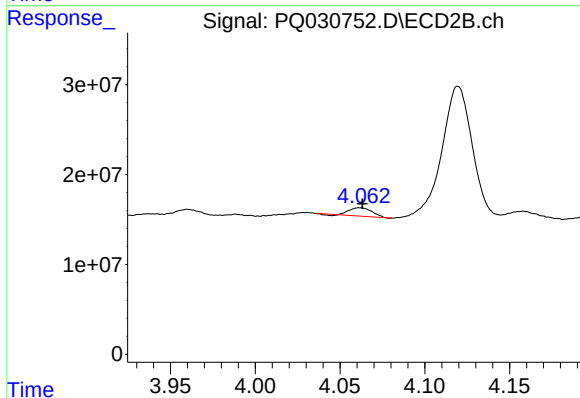
R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 8188458
Conc: 20.38 ng/ml



#11 AR-1232-1

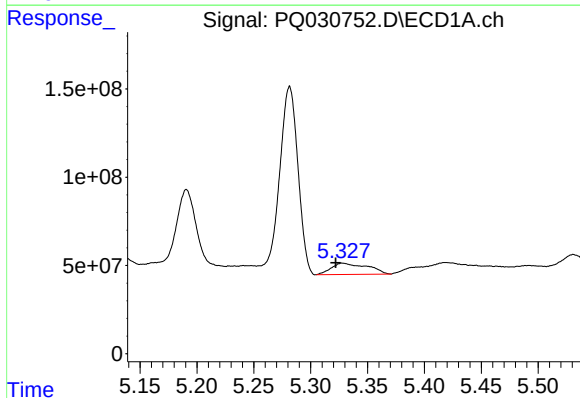
R.T.: 4.794 min
Delta R.T.: -0.002 min
Response: 44042197
Conc: 59.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



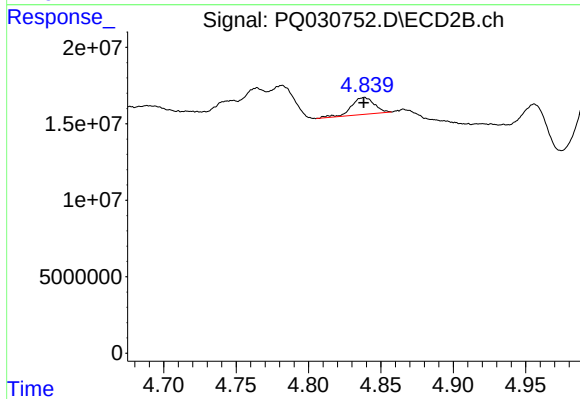
#11 AR-1232-1

R.T.: 4.062 min
Delta R.T.: -0.001 min
Response: 8188458
Conc: 39.79 ng/ml



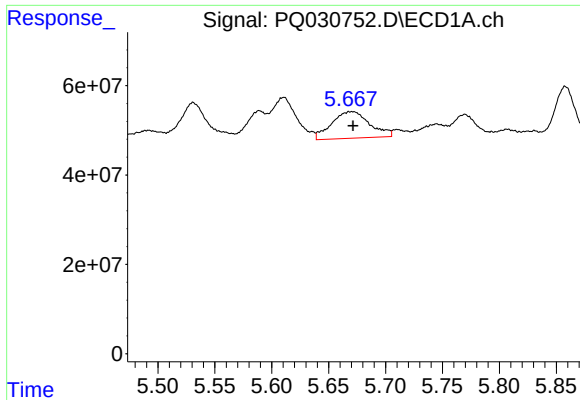
#12 AR-1232-2

R.T.: 5.328 min
Delta R.T.: 0.006 min
Response: 142589205
Conc: 361.16 ng/ml



#12 AR-1232-2

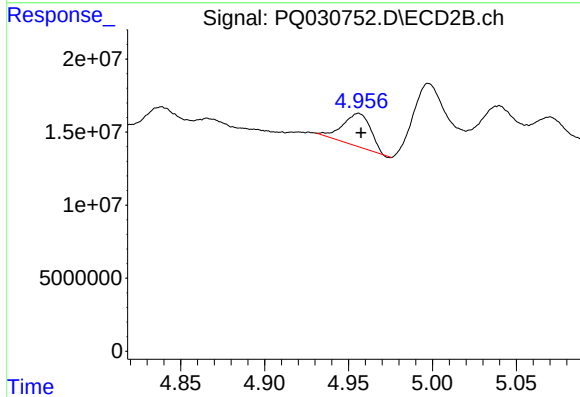
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 12050727
Conc: 64.36 ng/ml



#13 AR-1232-3

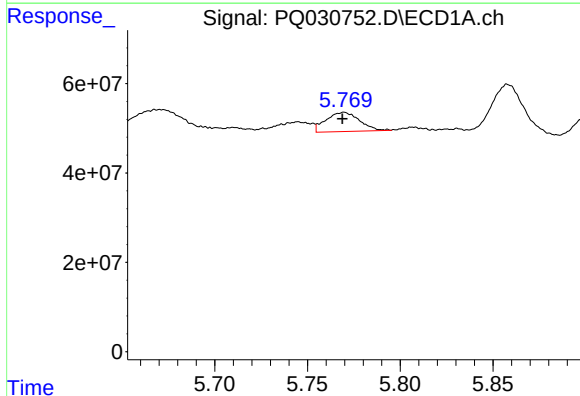
R.T.: 5.670 min
Delta R.T.: -0.001 min
Response: 138905800
Conc: 203.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



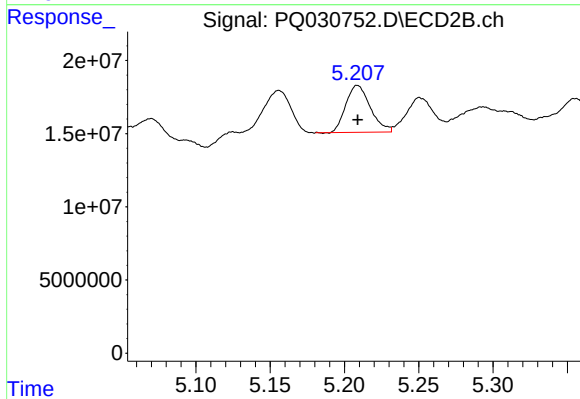
#13 AR-1232-3

R.T.: 4.956 min
Delta R.T.: -0.001 min
Response: 26042707
Conc: 205.76 ng/ml



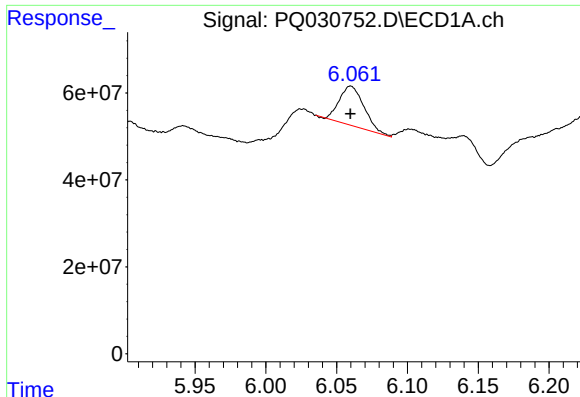
#14 AR-1232-4

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 54086367
Conc: 105.20 ng/ml



#14 AR-1232-4

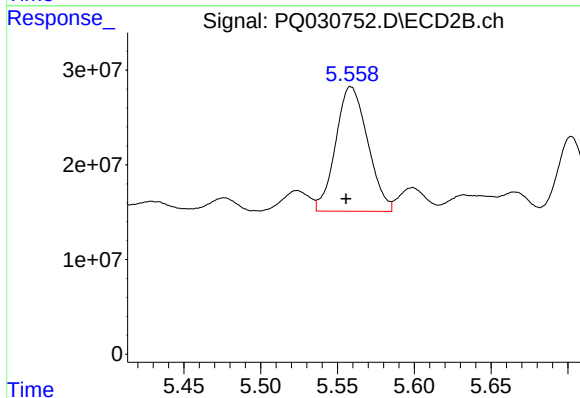
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 36709568
Conc: 249.54 ng/ml



#15 AR-1232-5

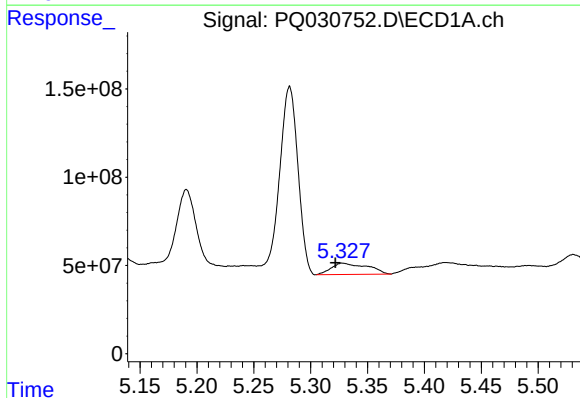
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 110010054
Conc: 267.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



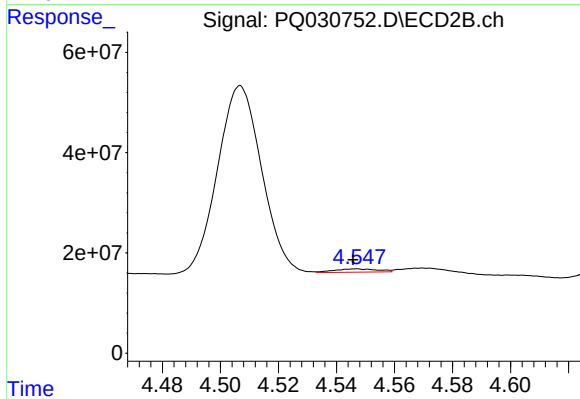
#15 AR-1232-5

R.T.: 5.559 min
Delta R.T.: 0.003 min
Response: 191048812
Conc: 1103.33 ng/ml



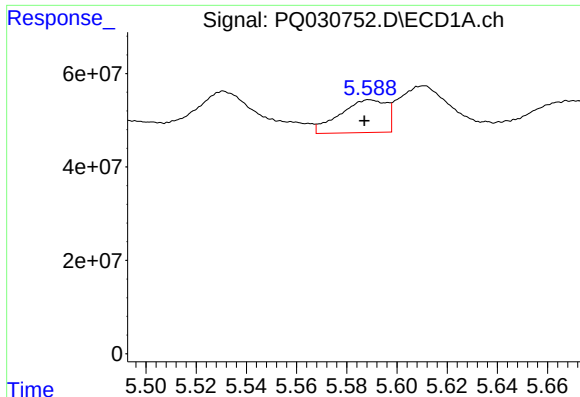
#16 AR-1242-1

R.T.: 5.328 min
Delta R.T.: 0.006 min
Response: 142589205
Conc: 181.77 ng/ml



#16 AR-1242-1

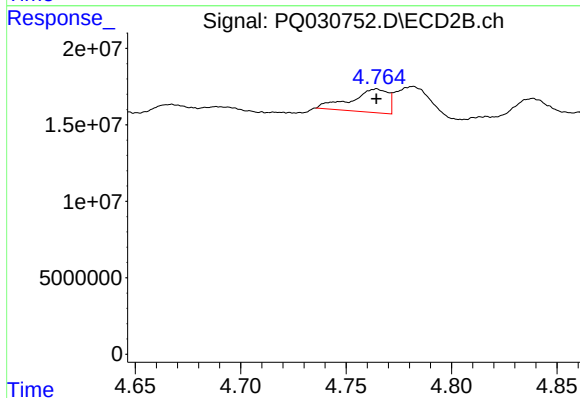
R.T.: 4.547 min
Delta R.T.: 0.001 min
Response: 6858167
Conc: 23.59 ng/ml



#17 AR-1242-2

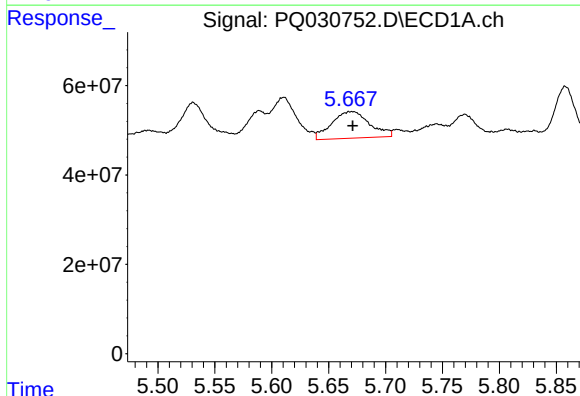
R.T.: 5.589 min
Delta R.T.: 0.002 min
Response: 90210205
Conc: 78.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



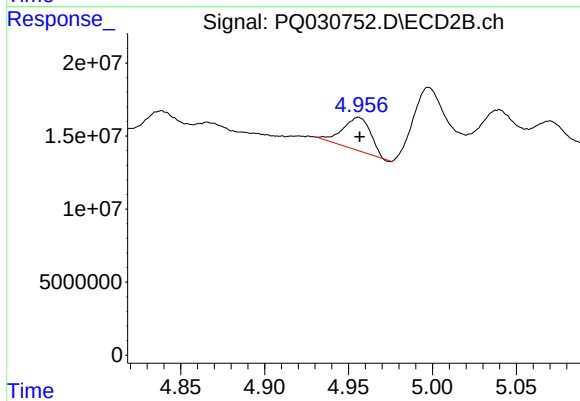
#17 AR-1242-2

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 18539626
Conc: 48.75 ng/ml



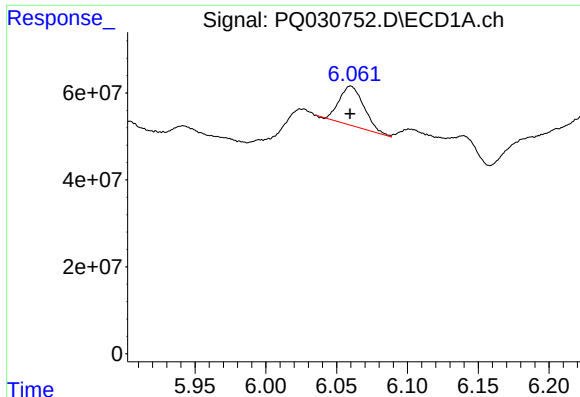
#18 AR-1242-3

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 138905800
Conc: 140.58 ng/ml



#18 AR-1242-3

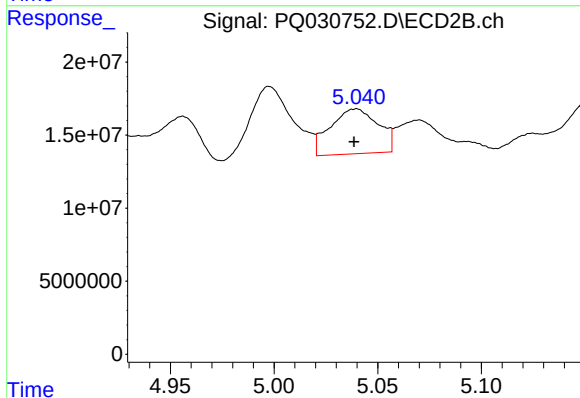
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 26042707
Conc: 90.15 ng/ml



#19 AR-1242-4

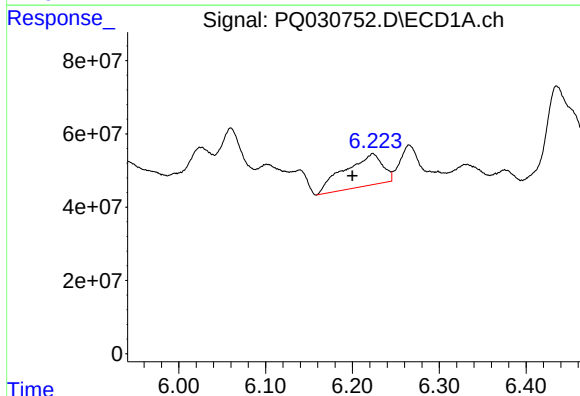
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 110010054
Conc: 139.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



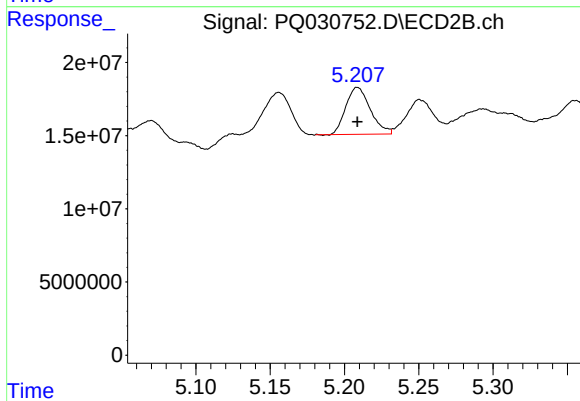
#19 AR-1242-4

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 49547547
Conc: 162.61 ng/ml



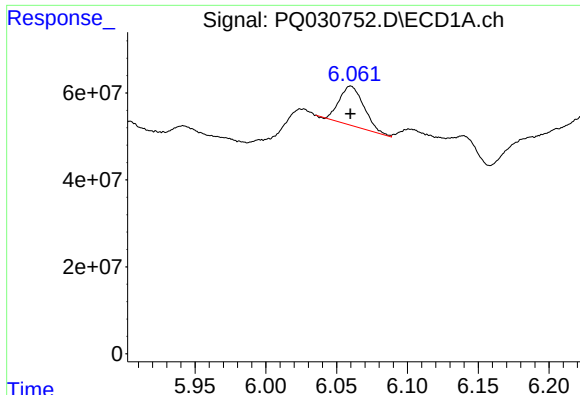
#20 AR-1242-5

R.T.: 6.224 min
Delta R.T.: 0.024 min
Response: 264502626
Conc: 277.12 ng/ml



#20 AR-1242-5

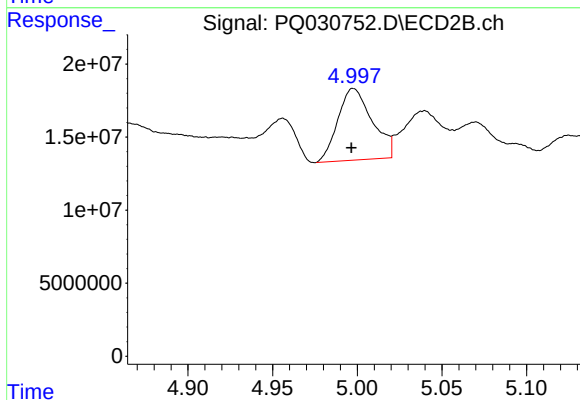
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 36709568
Conc: 108.14 ng/ml



#21 AR-1248-1

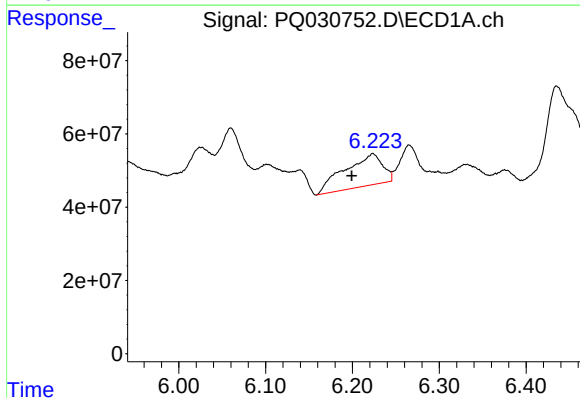
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 110010054
Conc: 92.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



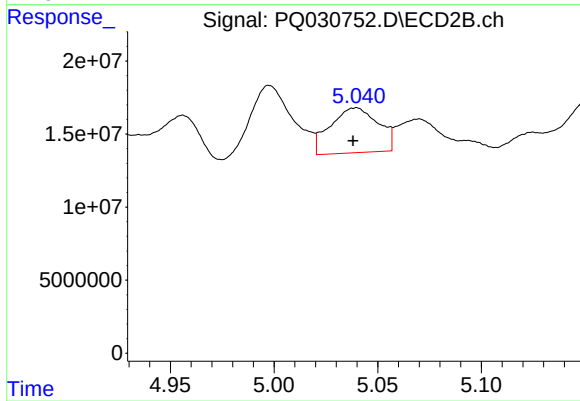
#21 AR-1248-1

R.T.: 4.998 min
Delta R.T.: 0.001 min
Response: 69526635
Conc: 187.04 ng/ml



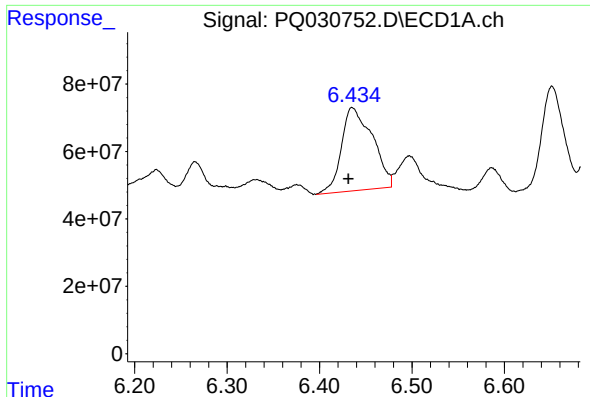
#22 AR-1248-2

R.T.: 6.224 min
Delta R.T.: 0.024 min
Response: 264502626
Conc: 243.34 ng/ml



#22 AR-1248-2

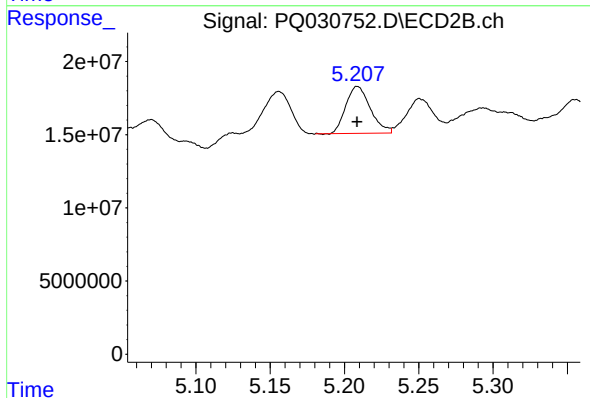
R.T.: 5.039 min
Delta R.T.: 0.001 min
Response: 49547547
Conc: 124.57 ng/ml



#23 AR-1248-3

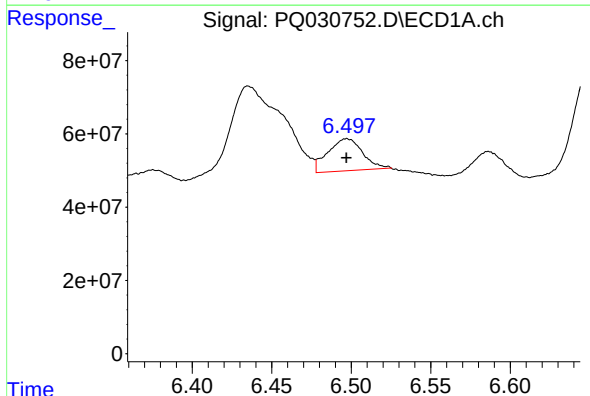
R.T.: 6.435 min
Delta R.T.: 0.004 min
Response: 574302793
Conc: 522.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



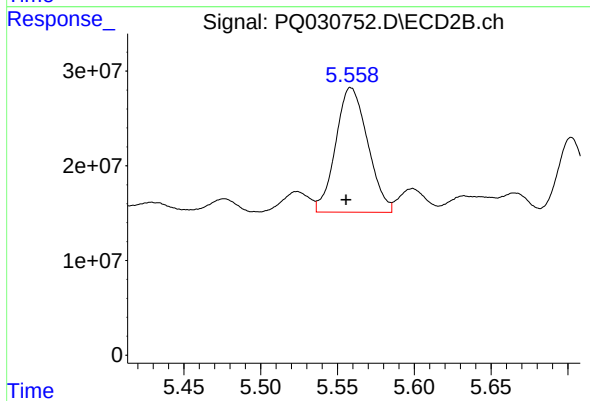
#23 AR-1248-3

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 36709568
Conc: 74.81 ng/ml



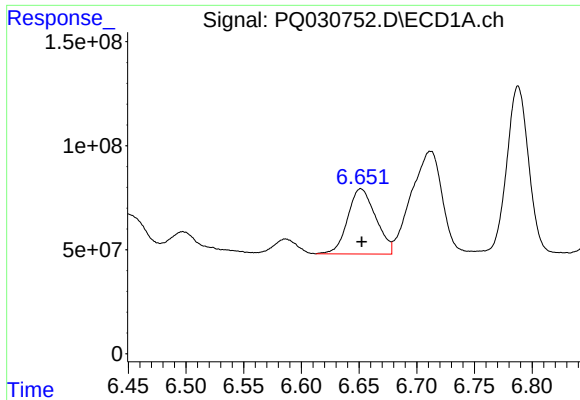
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 133006461
Conc: 97.15 ng/ml



#24 AR-1248-4

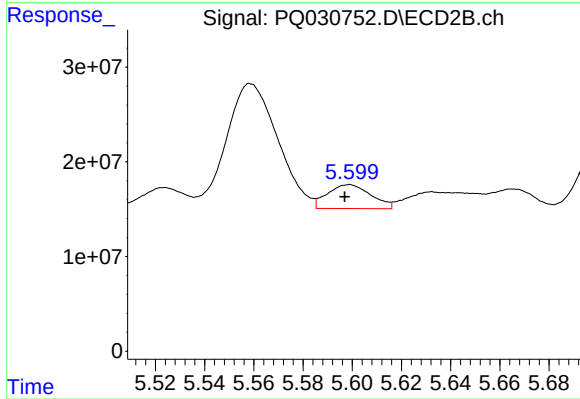
R.T.: 5.559 min
Delta R.T.: 0.003 min
Response: 191048812
Conc: 253.11 ng/ml



#25 AR-1248-5

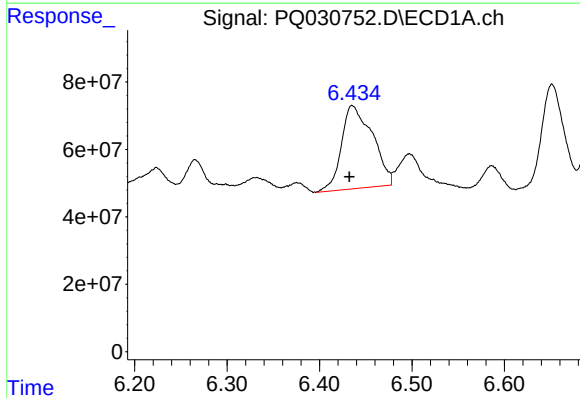
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 531007145
Conc: 368.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



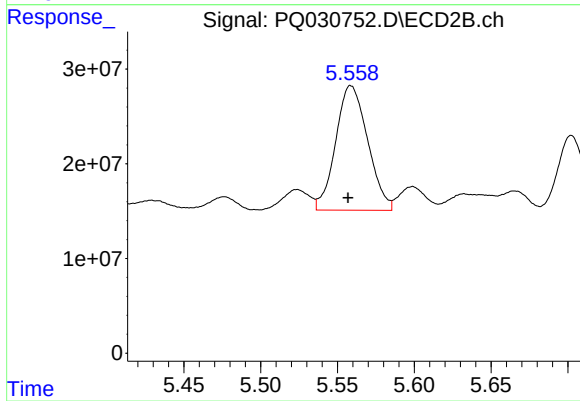
#25 AR-1248-5

R.T.: 5.599 min
Delta R.T.: 0.002 min
Response: 31028590
Conc: 58.35 ng/ml



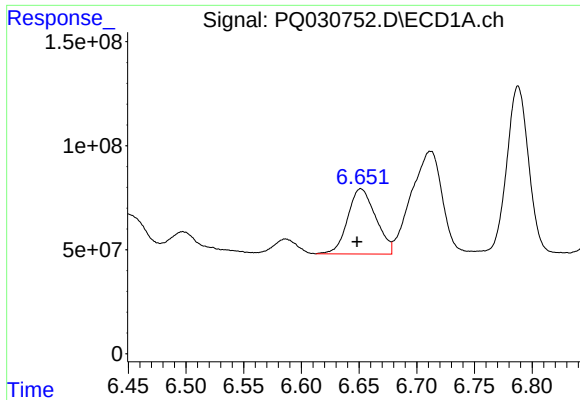
#26 AR-1254-1

R.T.: 6.435 min
Delta R.T.: 0.003 min
Response: 574302793
Conc: 368.95 ng/ml



#26 AR-1254-1

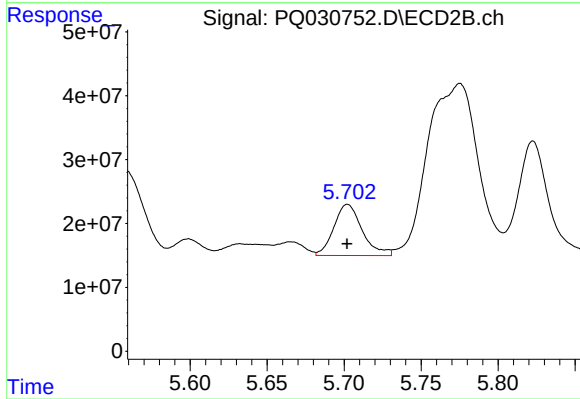
R.T.: 5.559 min
Delta R.T.: 0.002 min
Response: 191048812
Conc: 231.12 ng/ml



#27 AR-1254-2

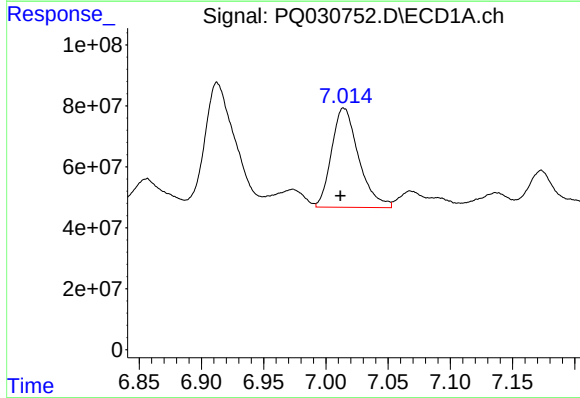
R.T.: 6.652 min
Delta R.T.: 0.003 min
Response: 531007145
Conc: 210.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



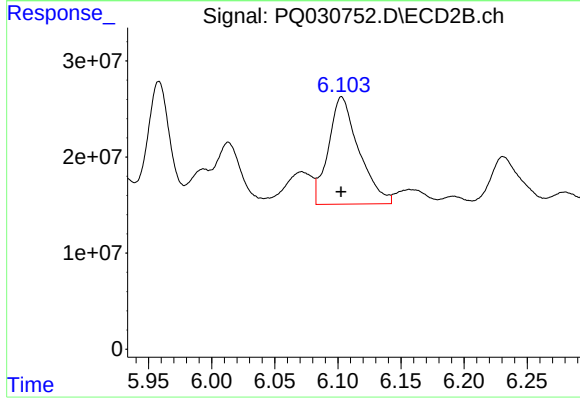
#27 AR-1254-2

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 102888391
Conc: 138.27 ng/ml



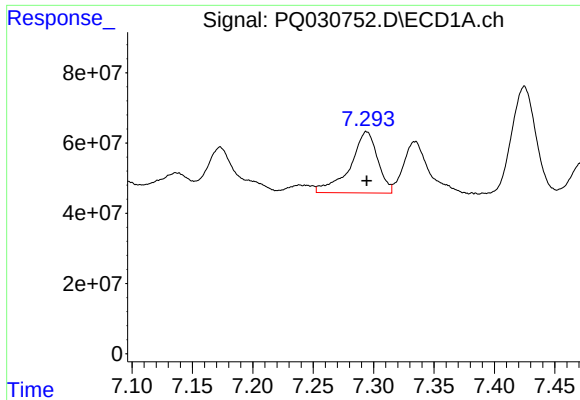
#28 AR-1254-3

R.T.: 7.014 min
Delta R.T.: 0.003 min
Response: 493976379
Conc: 183.25 ng/ml



#28 AR-1254-3

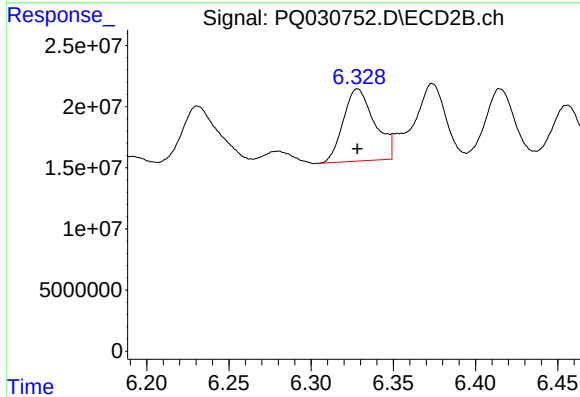
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 187562179
Conc: 143.85 ng/ml



#29 AR-1254-4

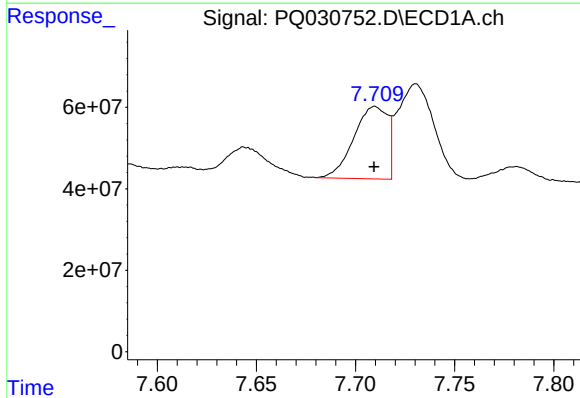
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 277102671
Conc: 136.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



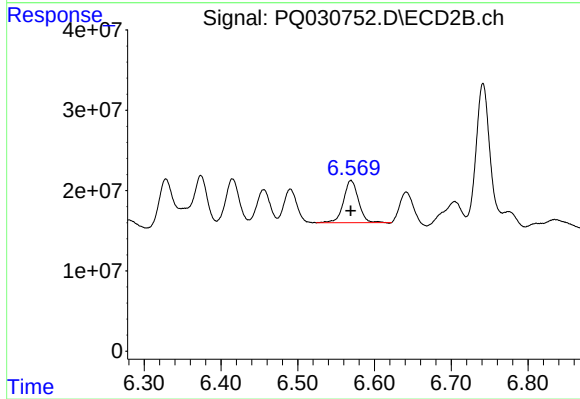
#29 AR-1254-4

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 77982932
Conc: 76.21 ng/ml



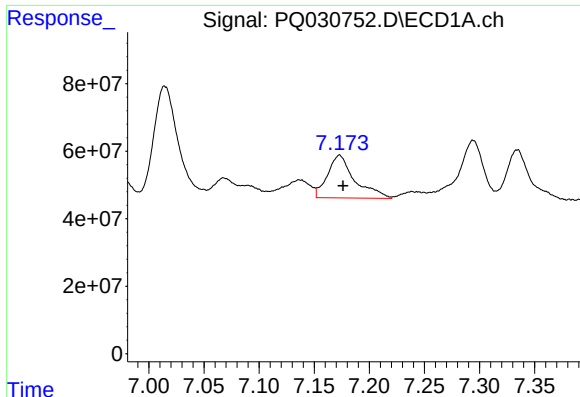
#30 AR-1254-5

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 210780119
Conc: 97.16 ng/ml



#30 AR-1254-5

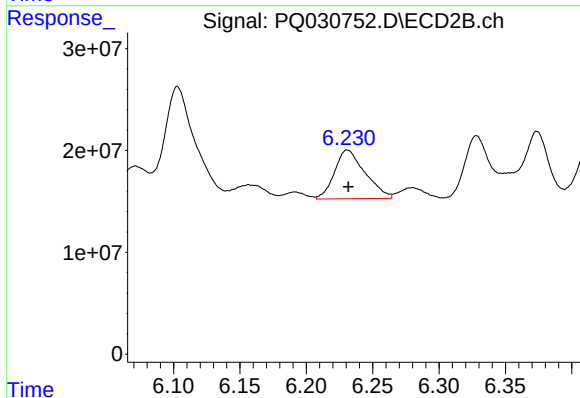
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 69478670
Conc: 133.35 ng/ml



#31 AR-1260-1

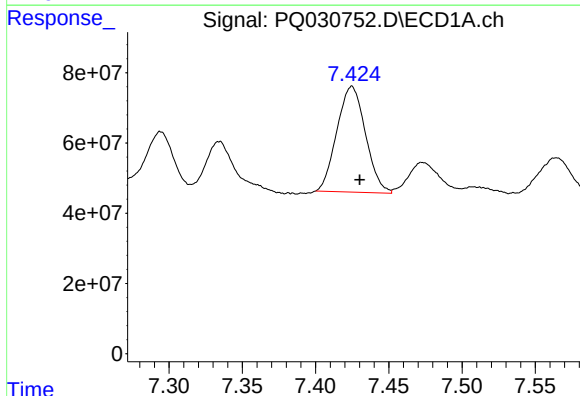
R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 217234505
Conc: 126.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



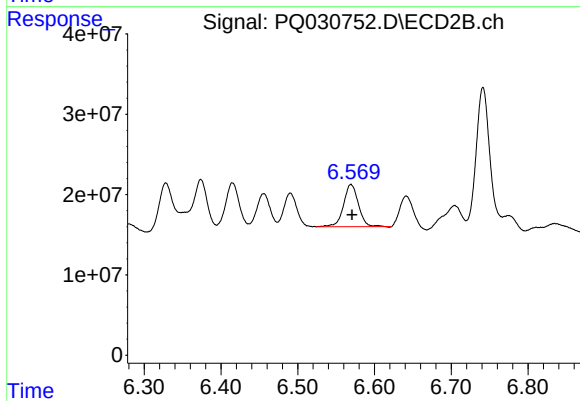
#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 76560713
Conc: 97.86 ng/ml



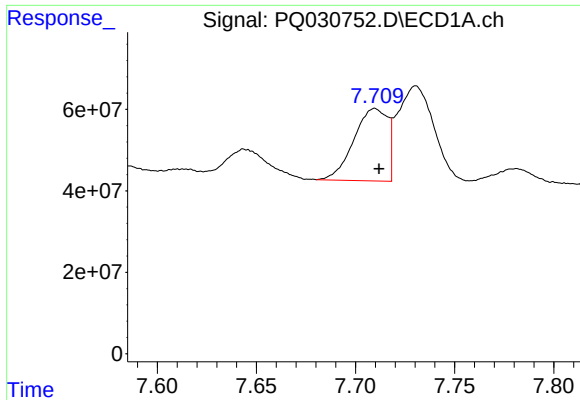
#32 AR-1260-2

R.T.: 7.425 min
Delta R.T.: -0.005 min
Response: 409641598
Conc: 203.86 ng/ml



#32 AR-1260-2

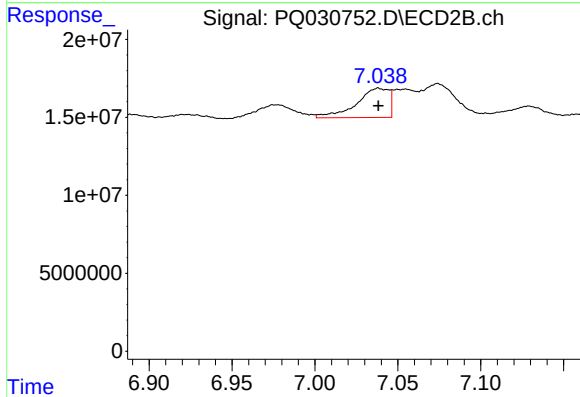
R.T.: 6.569 min
Delta R.T.: -0.001 min
Response: 69478670
Conc: 78.22 ng/ml



#33 AR-1260-3

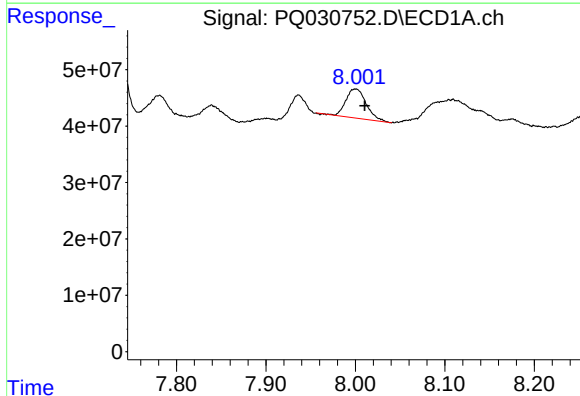
R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 210780119
Conc: 84.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



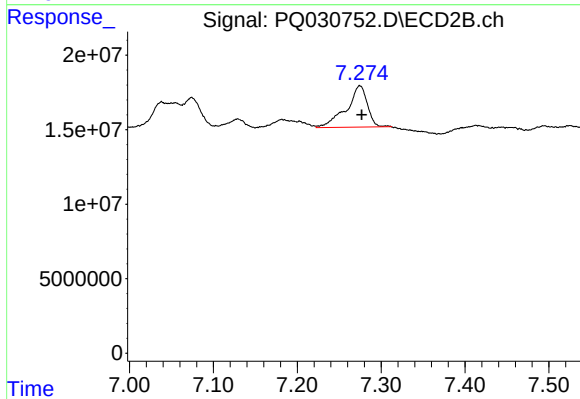
#33 AR-1260-3

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 25572102
Conc: 33.48 ng/ml



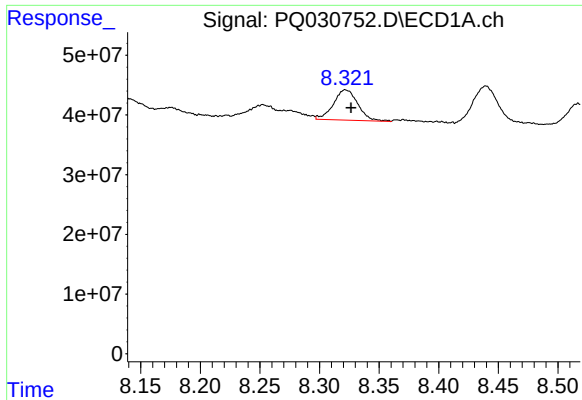
#34 AR-1260-4

R.T.: 8.000 min
Delta R.T.: -0.010 min
Response: 82131143
Conc: 49.23 ng/ml



#34 AR-1260-4

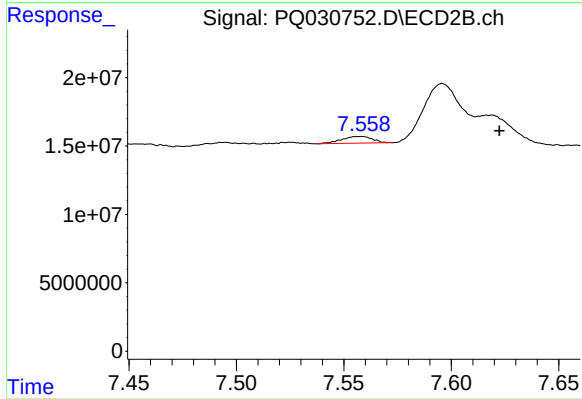
R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 48563744
Conc: 24.84 ng/ml



#35 AR-1260-5

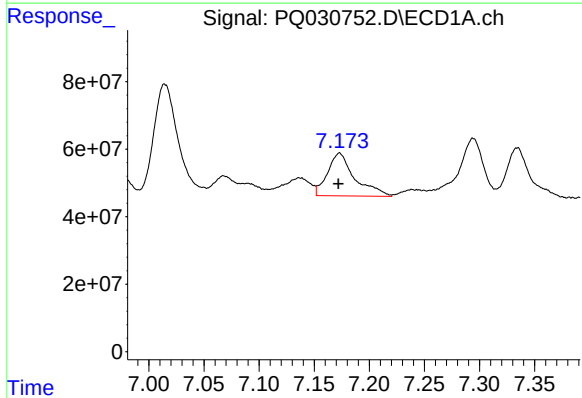
R.T.: 8.322 min
Delta R.T.: -0.005 min
Response: 72398280
Conc: 20.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



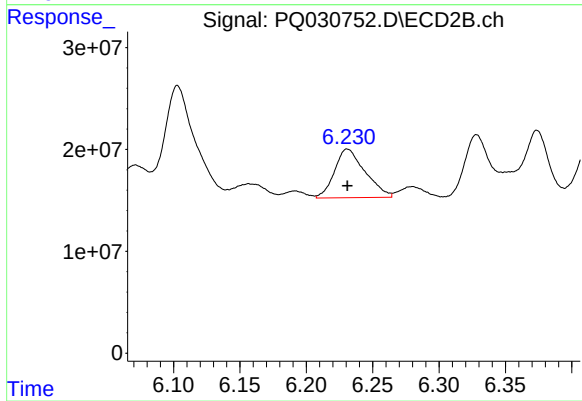
#35 AR-1260-5

R.T.: 7.558 min
Delta R.T.: -0.065 min
Response: 4780035
Conc: 3.28 ng/ml



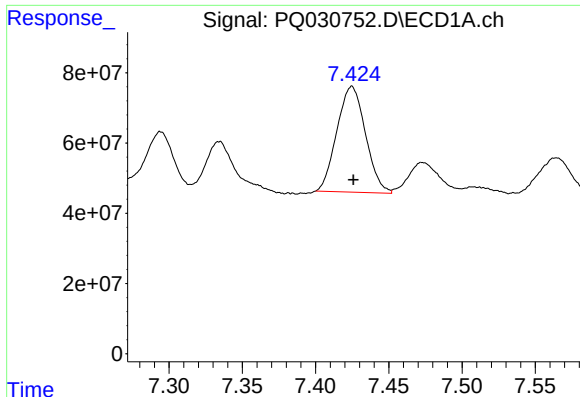
#36 AR-1262-1

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 217234505
Conc: 107.67 ng/ml



#36 AR-1262-1

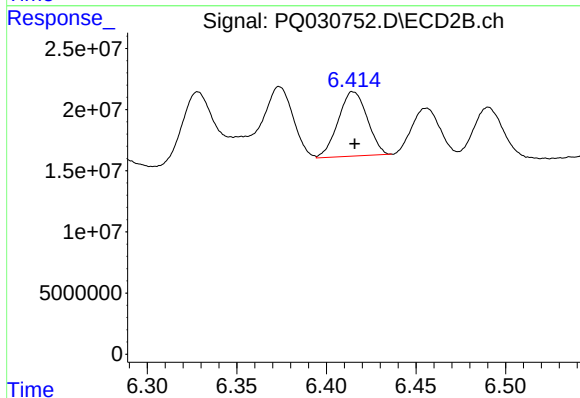
R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 76560713
Conc: 96.35 ng/ml



#37 AR-1262-2

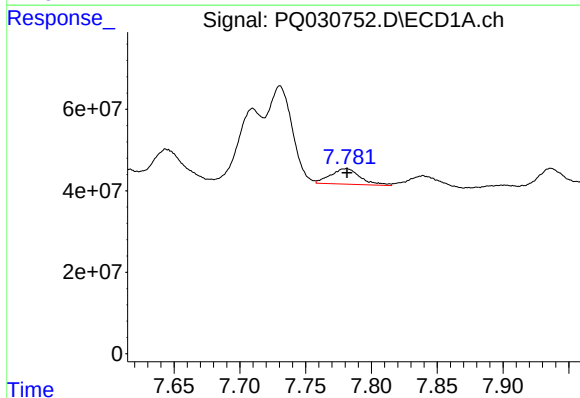
R.T.: 7.425 min
Delta R.T.: -0.001 min
Response: 409641598
Conc: 180.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



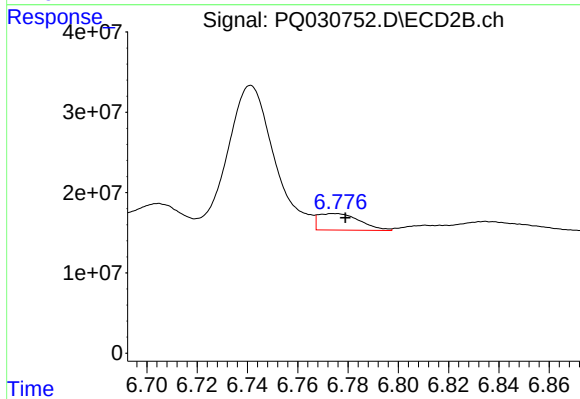
#37 AR-1262-2

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 59571695
Conc: 63.61 ng/ml



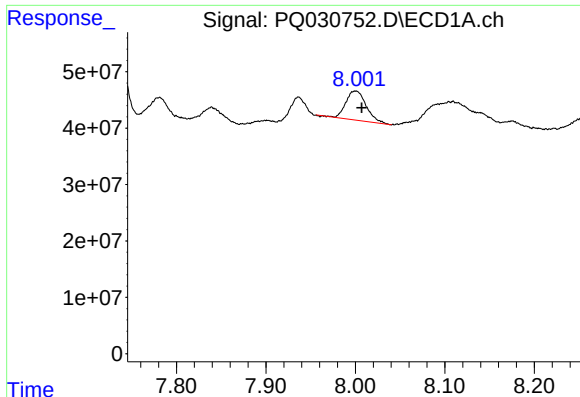
#38 AR-1262-3

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 60199846
Conc: 21.10 ng/ml



#38 AR-1262-3

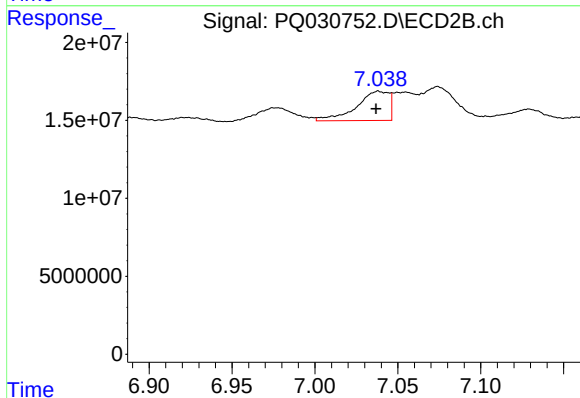
R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 23663382
Conc: 17.88 ng/ml



#39 AR-1262-4

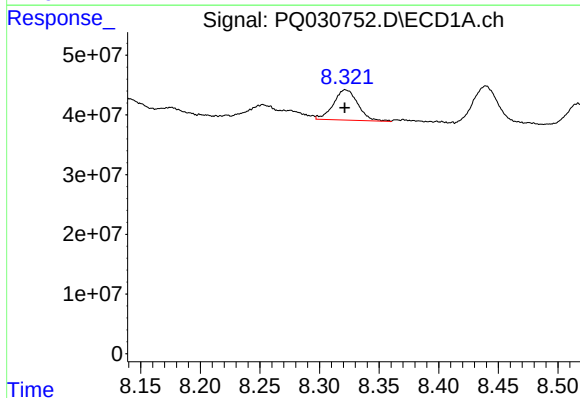
R.T.: 8.000 min
Delta R.T.: -0.007 min
Response: 82131143
Conc: 30.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



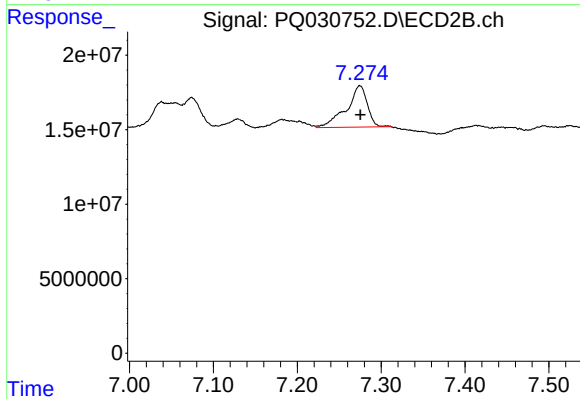
#39 AR-1262-4

R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 25572102
Conc: 20.83 ng/ml



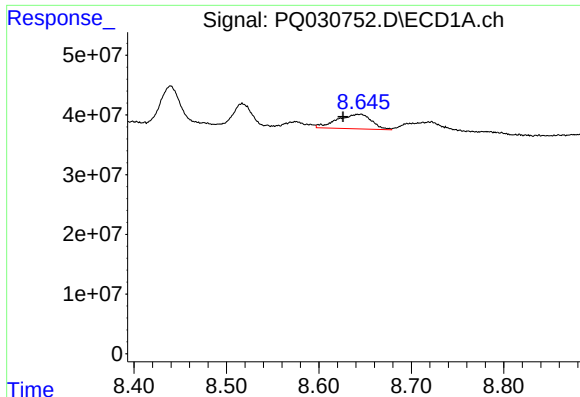
#40 AR-1262-5

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 72398280
Conc: 13.31 ng/ml



#40 AR-1262-5

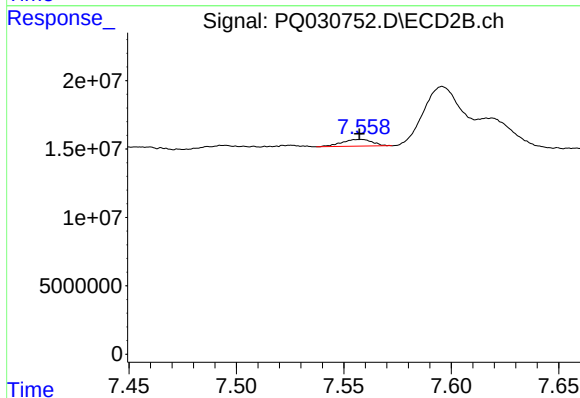
R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 48563744
Conc: 18.09 ng/ml



#41 AR-1268-1

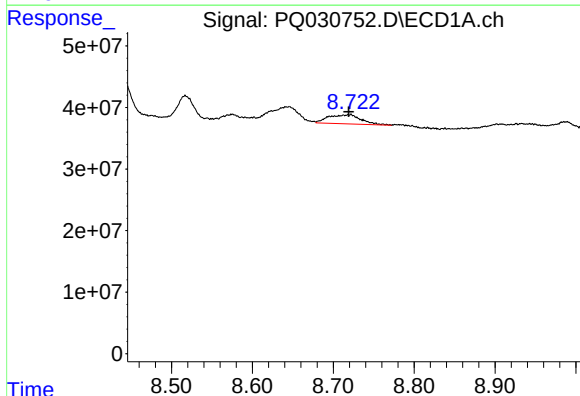
R.T.: 8.645 min
Delta R.T.: 0.019 min
Response: 63060102
Conc: 14.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



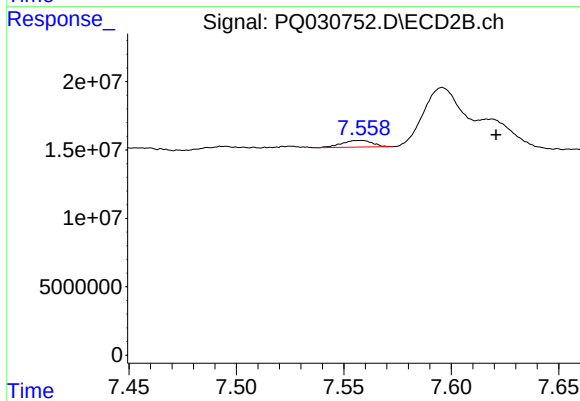
#41 AR-1268-1

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 4780035
Conc: 2.07 ng/ml



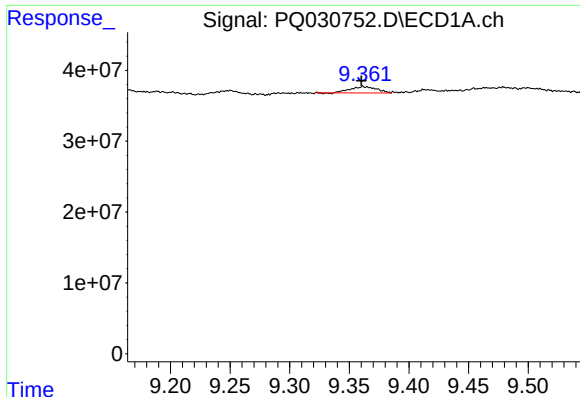
#42 AR-1268-2

R.T.: 8.721 min
Delta R.T.: 0.002 min
Response: 41393806
Conc: 10.56 ng/ml



#42 AR-1268-2

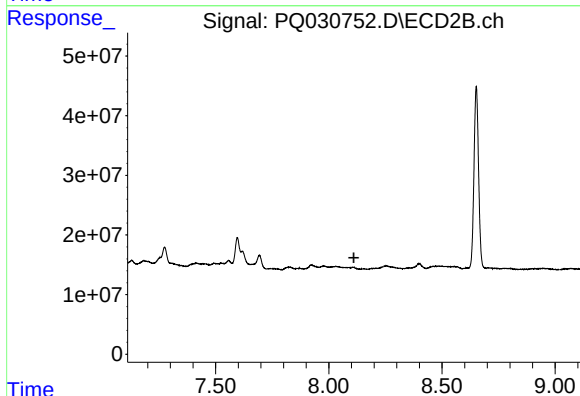
R.T.: 7.558 min
Delta R.T.: -0.063 min
Response: 4780035
Conc: 2.11 ng/ml



#44 AR-1268-4

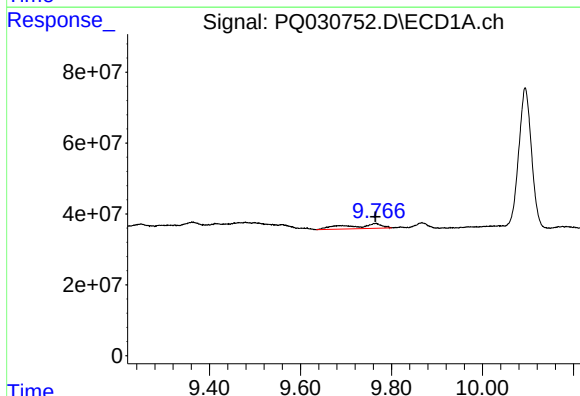
R.T.: 9.362 min
Delta R.T.: 0.001 min
Response: 13410123
Conc: 9.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



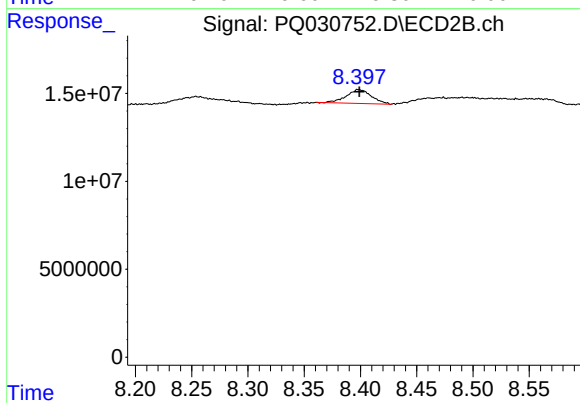
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.111 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.766 min
Delta R.T.: 0.002 min
Response: 67977165
Conc: 6.17 ng/ml



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 12234295
Conc: 1.87 ng/ml