

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
 Data File : PQ054863.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2021 22:07
 Operator : AJ\MA
 Sample : M4077-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 00:48:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 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...	5.196	4.207	421.0E6	164.5E6	17.630	12.444 #
2)	SA Decachlor...	11.380	9.547	198.5E6	224.2E6	11.763	16.547 #
Target Compounds							
4)	L1 AR-1016-2	6.563	5.503f	564.6E6	337.3E6	462.890	475.236
5)	L1 AR-1016-3	6.621	0.000	203.5E6	0	268.848	N.D. #
6)	L1 AR-1016-4	6.743f	0.000	736.4E6	0	1191.001	N.D. #
7)	L1 AR-1016-5	7.056f	5.944f	311.7E6	39742989	548.621	115.138 #
8)	L2 AR-1221-1	5.429f	4.464	38288444	16357558	148.626	125.840
9)	L2 AR-1221-2	5.543	4.592f	47246116	13392119	247.163	140.559 #
10)	L2 AR-1221-3	5.641	4.652	200.1E6	63486474	333.808	198.739 #
11)	L3 AR-1232-1	5.641	4.652	200.1E6	63486474	432.362	265.386 #
12)	L3 AR-1232-2	6.229	5.503f	231.1E6	337.3E6	816.529	1086.371 #
13)	L3 AR-1232-3	6.563	0.000	564.6E6	0	1073.872	N.D. #
14)	L3 AR-1232-4	6.743f	5.786	736.4E6	741.1E6	2756.370	5866.877 #
15)	L3 AR-1232-5	6.839f	5.944f	754.1E6	39742989	3729.634	274.028 #
17)	L4 AR-1242-2	6.563	5.503f	564.6E6	337.3E6	629.321	661.793
18)	L4 AR-1242-3	6.621	0.000	203.5E6	0	362.196	N.D. #
19)	L4 AR-1242-4	6.743f	5.786	736.4E6	741.1E6	1609.694	2928.243 #
20)	L4 AR-1242-5	7.523f	0.000	289.7E6	0	618.775	N.D. #
22)	L5 AR-1248-2	6.839f	0.000	754.1E6	0	1160.725	N.D. #
23)	L5 AR-1248-3	7.056f	5.786	311.7E6	741.1E6	435.854	2084.069 #
24)	L5 AR-1248-4	0.000	5.944f	0	39742989	N.D.	92.520 #
25)	L5 AR-1248-5	7.523f	0.000	289.7E6	0	361.049	N.D. #
27)	L6 AR-1254-2	7.636f	6.509	204.4E6	142.5E6	152.828	203.671 #
28)	L6 AR-1254-3	8.043	6.937f	189.6E6	323.3E6	136.161	293.260 #
29)	L6 AR-1254-4	8.356f	7.132f	230.9E6	227.2E6	216.745	300.516 #
30)	L6 AR-1254-5	8.774	7.605f	210.6E6	230.8E6	183.215	208.586
31)	L7 AR-1260-1	8.226f	7.060	150.8E6	242.5E6	152.005	322.906 #
32)	L7 AR-1260-2	8.483	0.000	275.6E6	0	234.200	N.D. #
33)	L7 AR-1260-3	8.844	7.431f	54002128	194.3E6	70.509	219.771 #
34)	L7 AR-1260-4	9.087	7.908f	79337555	59756471	84.936	86.357
35)	L7 AR-1260-5	0.000	8.128	0	227.8E6	N.D.	119.176 #
36)	L8 AR-1262-1	8.844	7.605f	54002128	230.8E6	45.959	446.788 #
37)	L8 AR-1262-2	0.000	8.128	0	227.8E6	N.D.	102.843 #
38)	L8 AR-1262-3	9.751	8.413	124.0E6	141.2E6	139.174	159.093
39)	L8 AR-1262-4	9.841	8.477	54475090	366.9E6	96.567	241.251 #
40)	L8 AR-1262-5	10.575	9.002f	8859303	60216058	11.527	87.678 #
41)	L9 AR-1268-1	9.751	8.413	124.0E6	141.2E6	49.429	52.010
42)	L9 AR-1268-2	9.841f	8.477	54475090	366.9E6	23.818	159.257 #
43)	L9 AR-1268-3	10.081f	8.698	35279622	6841183	18.368	3.395 #
44)	L9 AR-1268-4	10.575	9.002	8859303	60216058	10.382	77.458 #
45)	L9 AR-1268-5	11.012	9.308f	16711900	39647241	2.651	6.894 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
Data File : PQ054863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2021 22:07
Operator : AJ\MA
Sample : M4077-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 00:48:40 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 15 05:25:53 2021
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

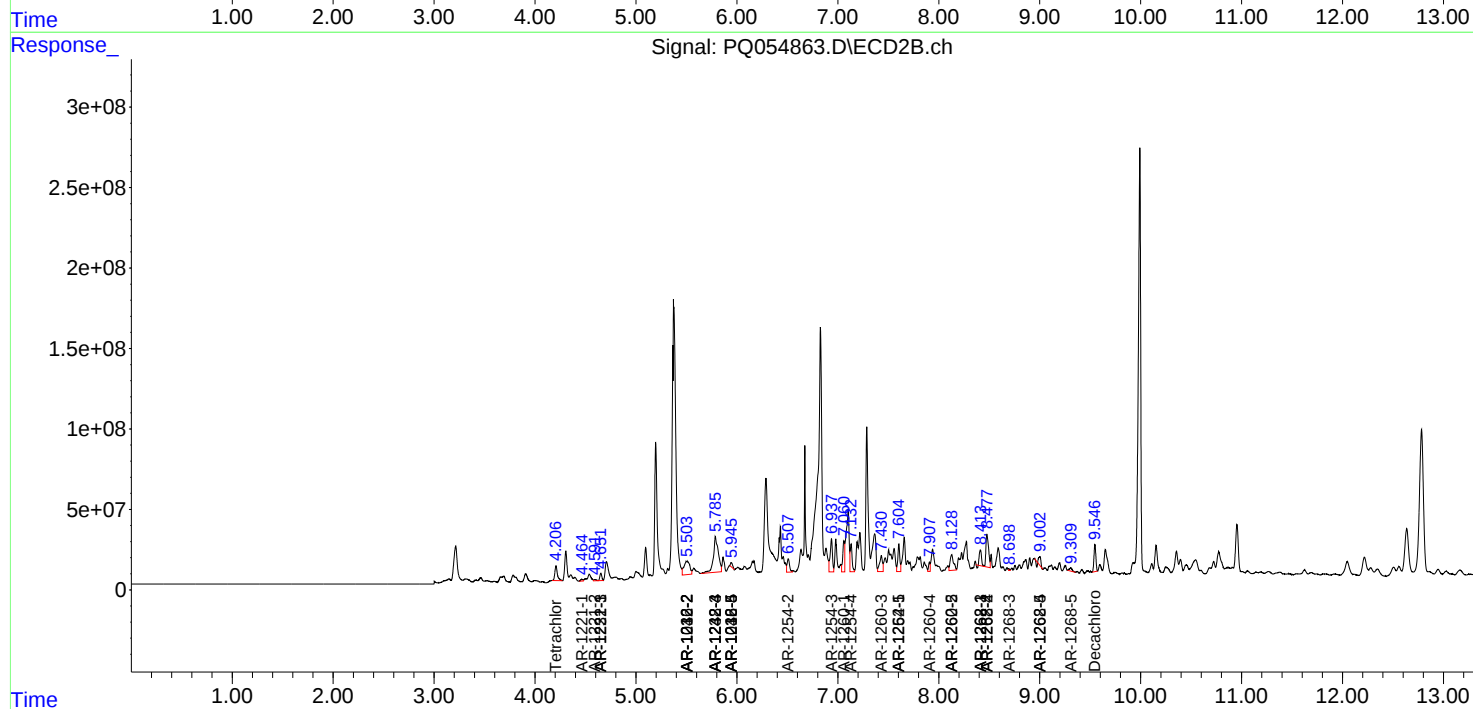
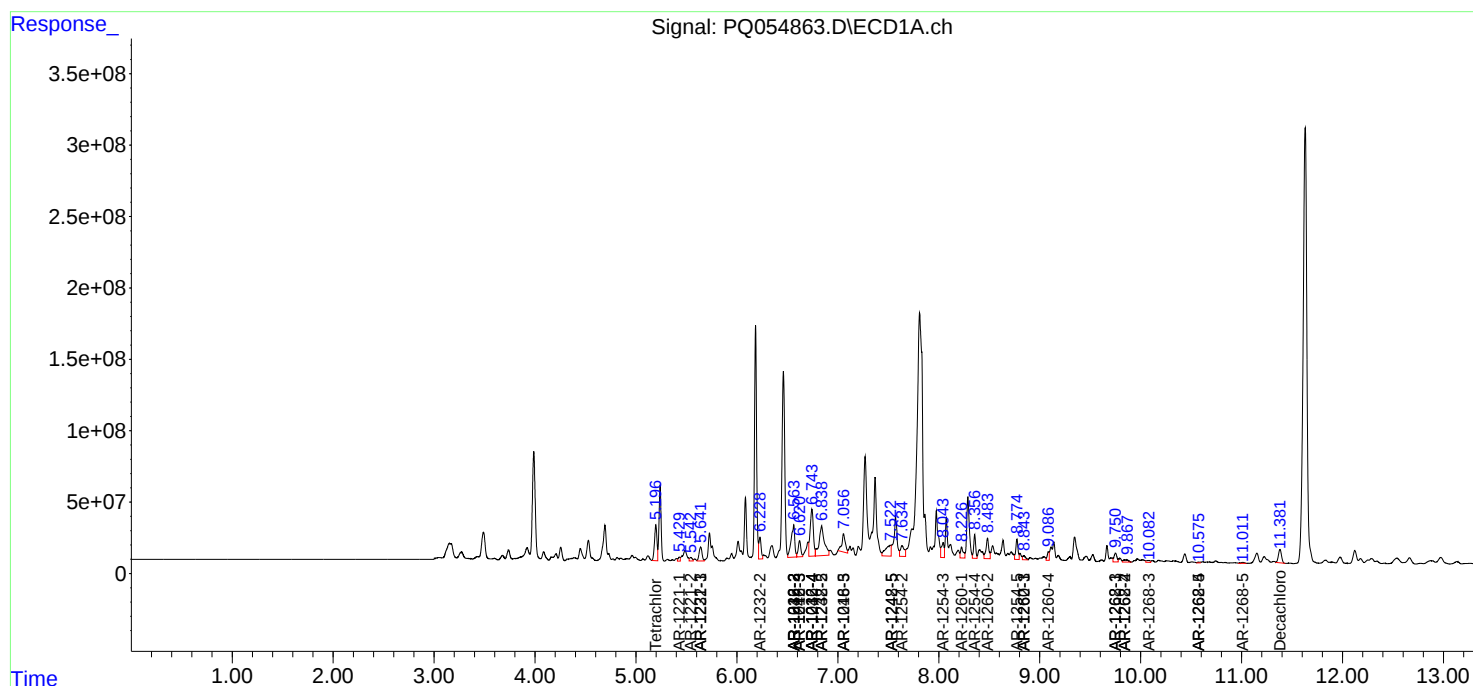
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

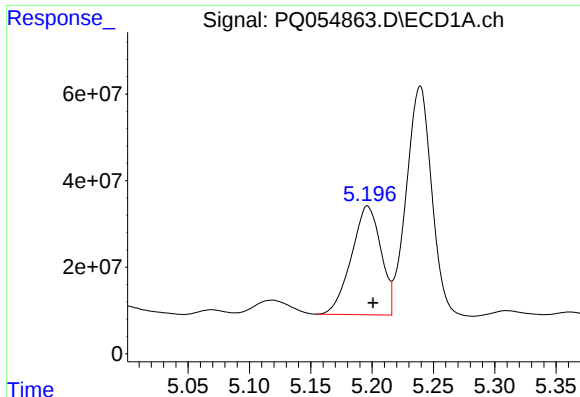
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
Data File : PQ054863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2021 22:07
Operator : AJ\MA
Sample : M4077-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 00:48:40 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 15 05:25:53 2021
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

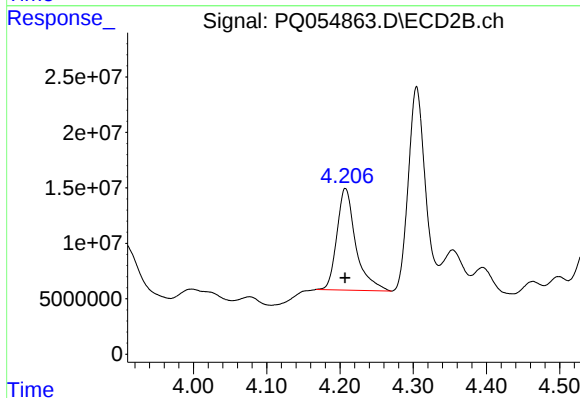




#1 Tetrachloro-m-xylene

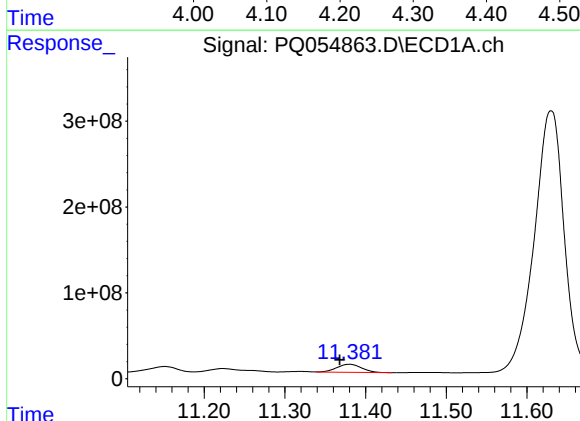
R.T.: 5.196 min
Delta R.T.: -0.005 min
Response: 421018730
Conc: 17.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



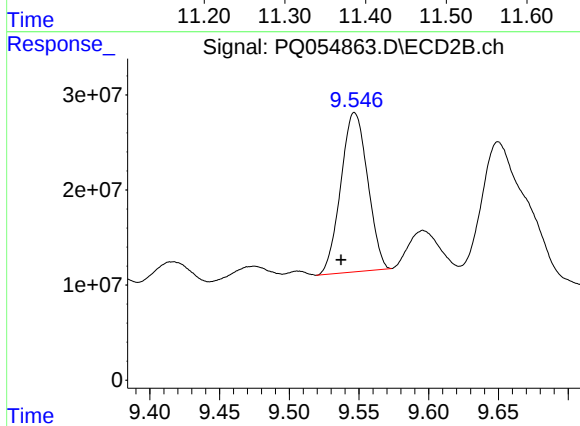
#1 Tetrachloro-m-xylene

R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 164512984
Conc: 12.44 ng/ml



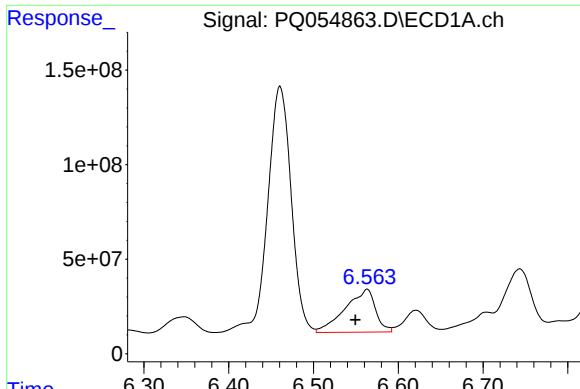
#2 Decachlorobiphenyl

R.T.: 11.380 min
Delta R.T.: 0.012 min
Response: 198536483
Conc: 11.76 ng/ml



#2 Decachlorobiphenyl

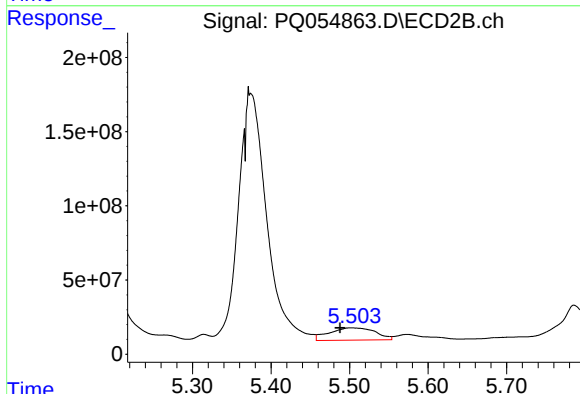
R.T.: 9.547 min
Delta R.T.: 0.010 min
Response: 224245879
Conc: 16.55 ng/ml



#4 AR-1016-2

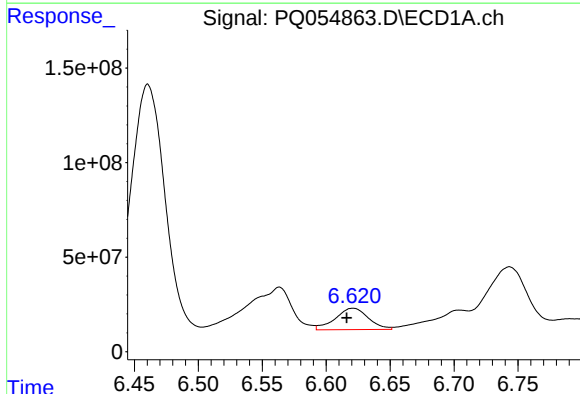
R.T.: 6.563 min
Delta R.T.: 0.014 min
Response: 564649770
Conc: 462.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



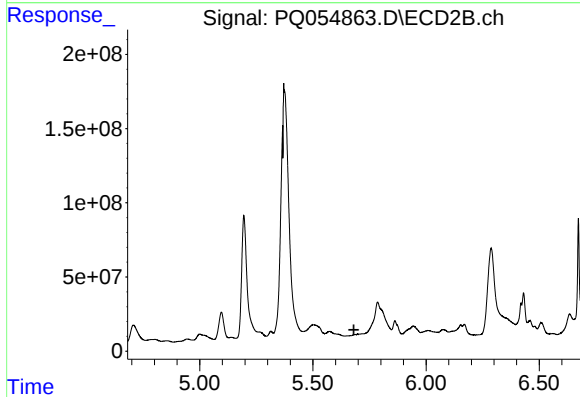
#4 AR-1016-2

R.T.: 5.503 min
Delta R.T.: 0.016 min
Response: 337264791
Conc: 475.24 ng/ml



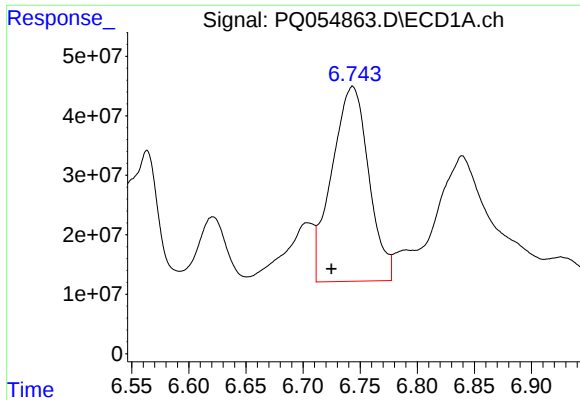
#5 AR-1016-3

R.T.: 6.621 min
Delta R.T.: 0.005 min
Response: 203536452
Conc: 268.85 ng/ml



#5 AR-1016-3

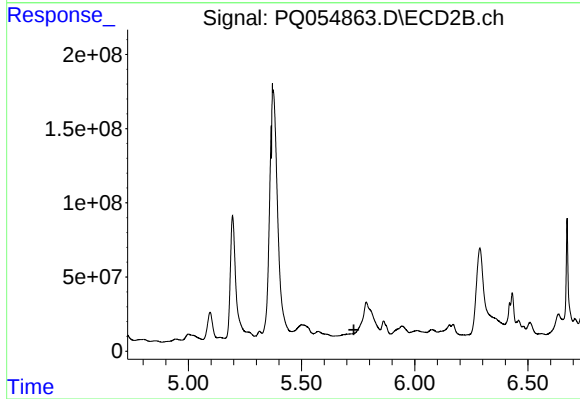
R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



#6 AR-1016-4

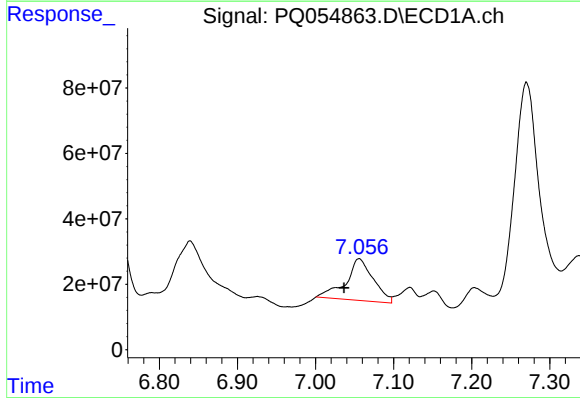
R.T.: 6.743 min
Delta R.T.: 0.019 min
Response: 736407409
Conc: 1191.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



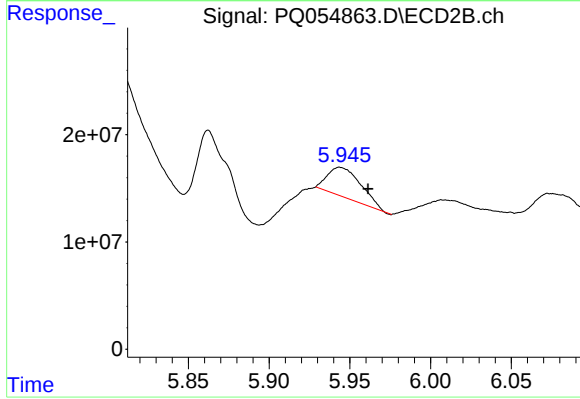
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.731 min
Response: 0
Conc: N.D.



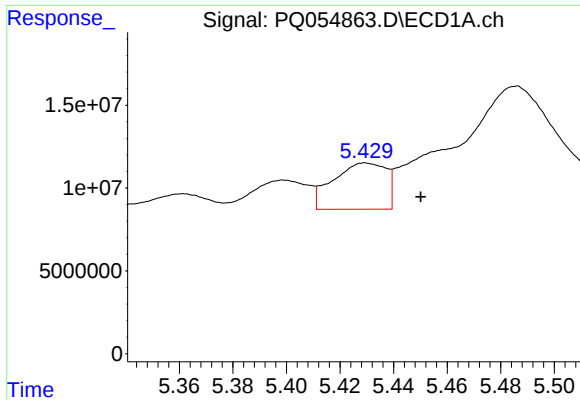
#7 AR-1016-5

R.T.: 7.056 min
Delta R.T.: 0.019 min
Response: 311692543
Conc: 548.62 ng/ml



#7 AR-1016-5

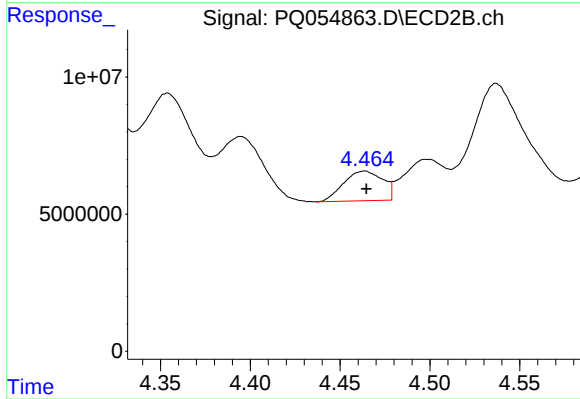
R.T.: 5.944 min
Delta R.T.: -0.017 min
Response: 39742989
Conc: 115.14 ng/ml



#8 AR-1221-1

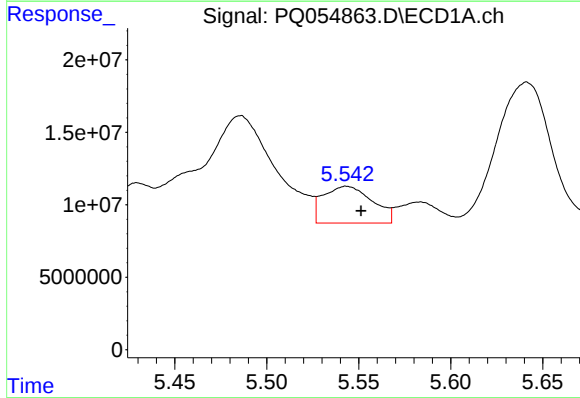
R.T.: 5.429 min
Delta R.T.: -0.021 min
Response: 38288444
Conc: 148.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



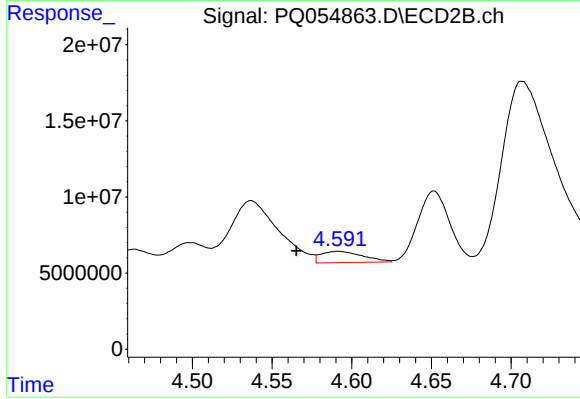
#8 AR-1221-1

R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 16357558
Conc: 125.84 ng/ml



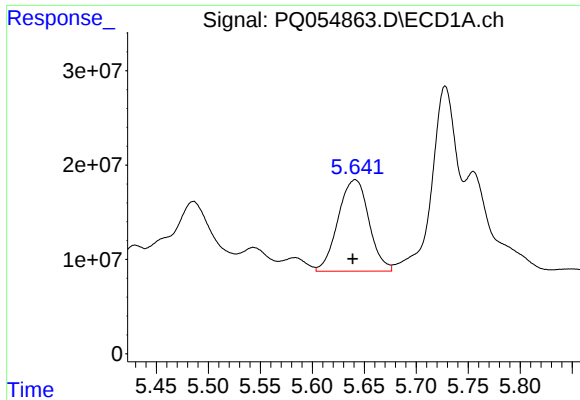
#9 AR-1221-2

R.T.: 5.543 min
Delta R.T.: -0.008 min
Response: 47246116
Conc: 247.16 ng/ml



#9 AR-1221-2

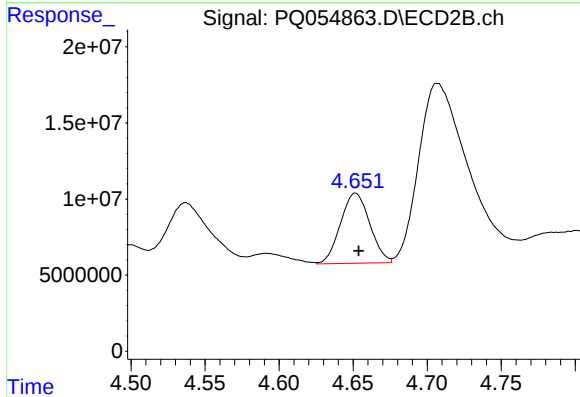
R.T.: 4.592 min
Delta R.T.: 0.026 min
Response: 13392119
Conc: 140.56 ng/ml



#10 AR-1221-3

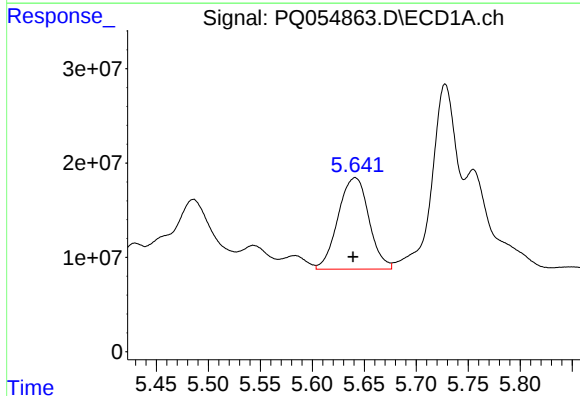
R.T.: 5.641 min
Delta R.T.: 0.002 min
Response: 200065502
Conc: 333.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



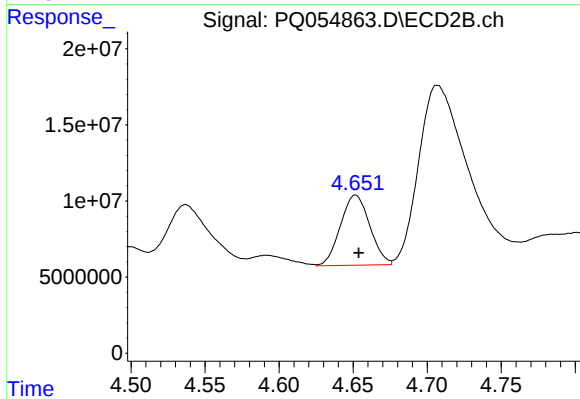
#10 AR-1221-3

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 63486474
Conc: 198.74 ng/ml



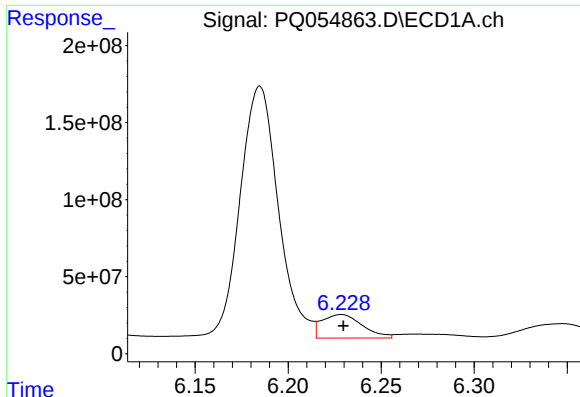
#11 AR-1232-1

R.T.: 5.641 min
Delta R.T.: 0.002 min
Response: 200065502
Conc: 432.36 ng/ml



#11 AR-1232-1

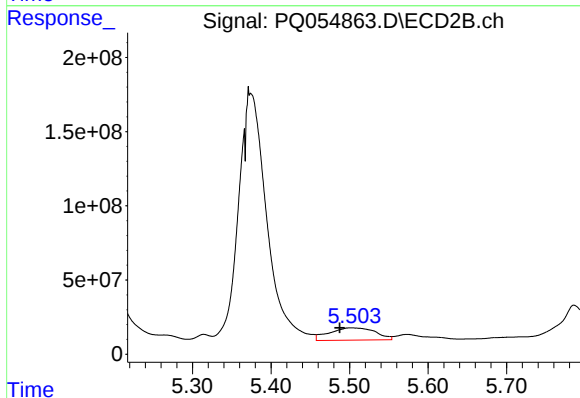
R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 63486474
Conc: 265.39 ng/ml



#12 AR-1232-2

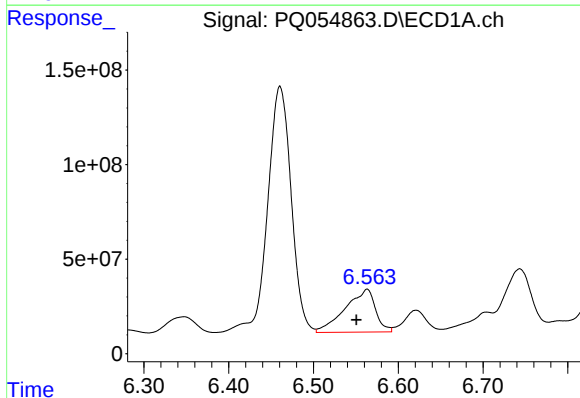
R.T.: 6.229 min
Delta R.T.: -0.001 min
Response: 231121566
Conc: 816.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



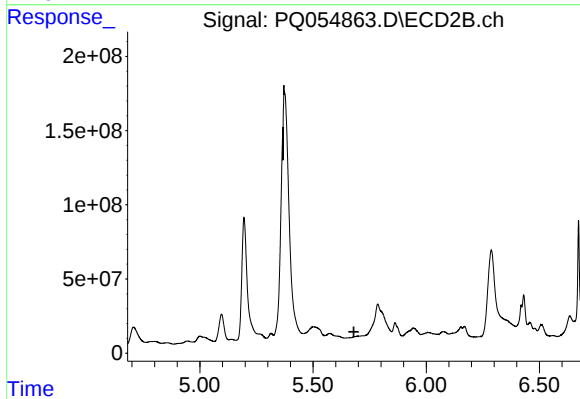
#12 AR-1232-2

R.T.: 5.503 min
Delta R.T.: 0.016 min
Response: 337264791
Conc: 1086.37 ng/ml



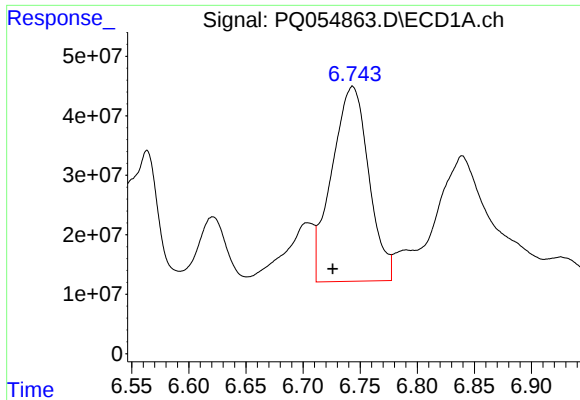
#13 AR-1232-3

R.T.: 6.563 min
Delta R.T.: 0.013 min
Response: 564649770
Conc: 1073.87 ng/ml



#13 AR-1232-3

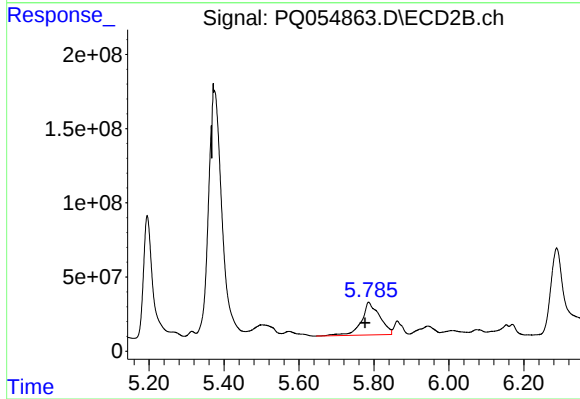
R.T.: 0.000 min
Exp R.T.: 5.681 min
Response: 0
Conc: N.D.



#14 AR-1232-4

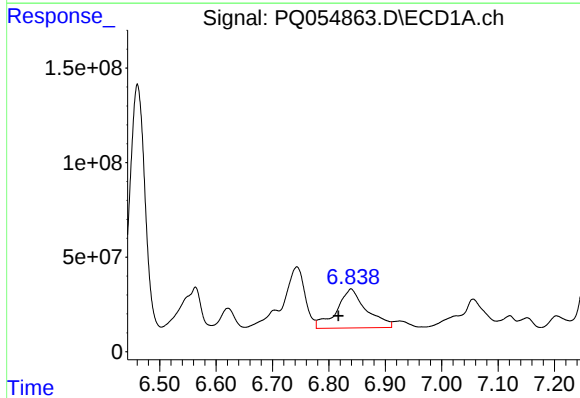
R.T.: 6.743 min
Delta R.T.: 0.018 min
Response: 736407409
Conc: 2756.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



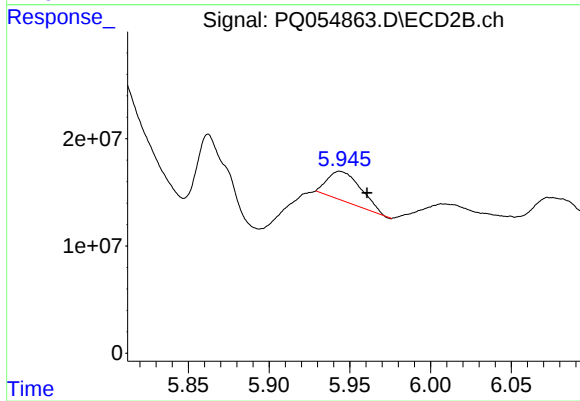
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: 0.010 min
Response: 741106492
Conc: 5866.88 ng/ml



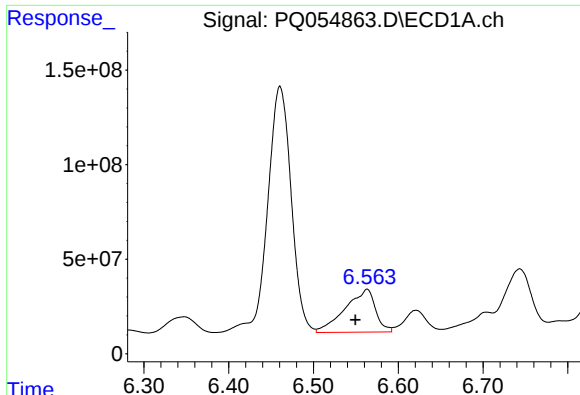
#15 AR-1232-5

R.T.: 6.839 min
Delta R.T.: 0.022 min
Response: 754112003
Conc: 3729.63 ng/ml



#15 AR-1232-5

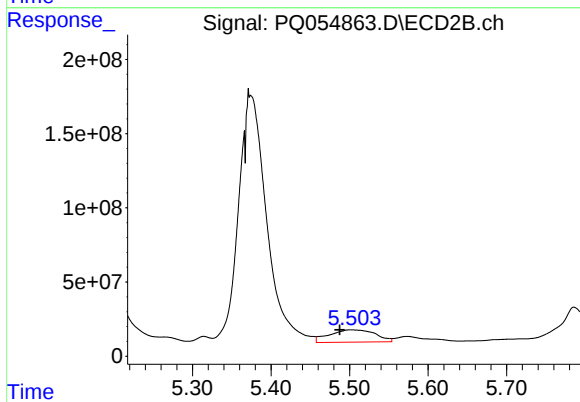
R.T.: 5.944 min
Delta R.T.: -0.017 min
Response: 39742989
Conc: 274.03 ng/ml



#17 AR-1242-2

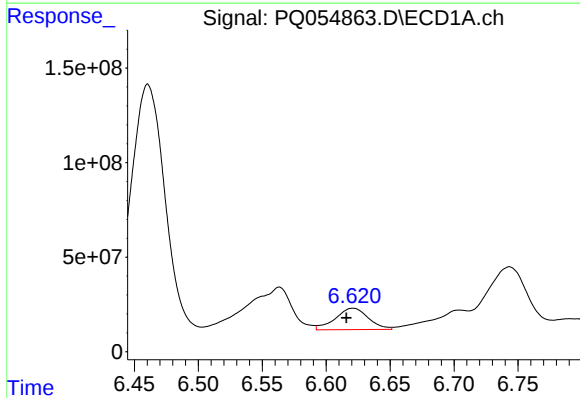
R.T.: 6.563 min
Delta R.T.: 0.014 min
Response: 564649770
Conc: 629.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



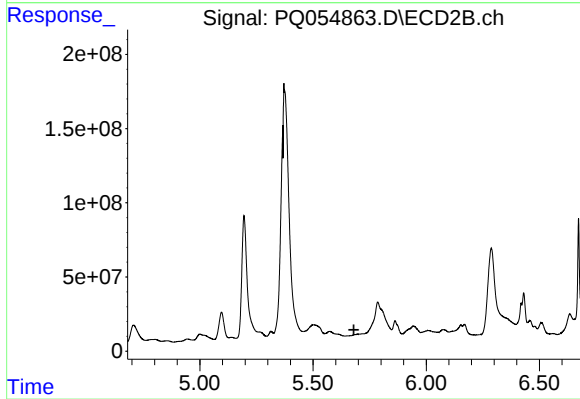
#17 AR-1242-2

R.T.: 5.503 min
Delta R.T.: 0.016 min
Response: 337264791
Conc: 661.79 ng/ml



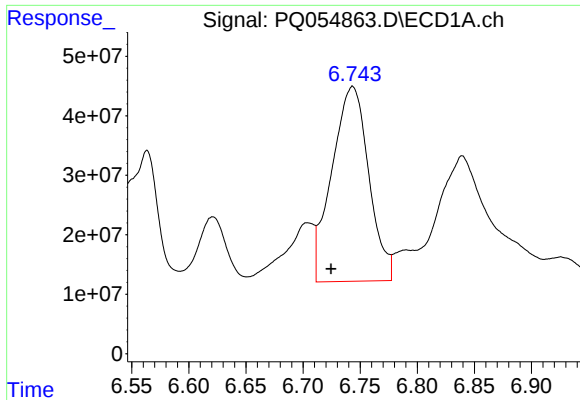
#18 AR-1242-3

R.T.: 6.621 min
Delta R.T.: 0.005 min
Response: 203536452
Conc: 362.20 ng/ml



#18 AR-1242-3

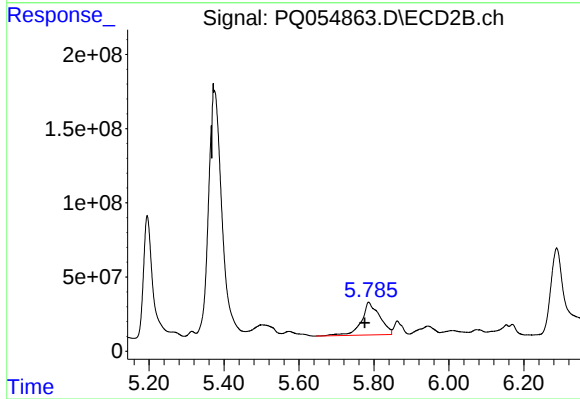
R.T.: 0.000 min
Exp R.T.: 5.680 min
Response: 0
Conc: N.D.



#19 AR-1242-4

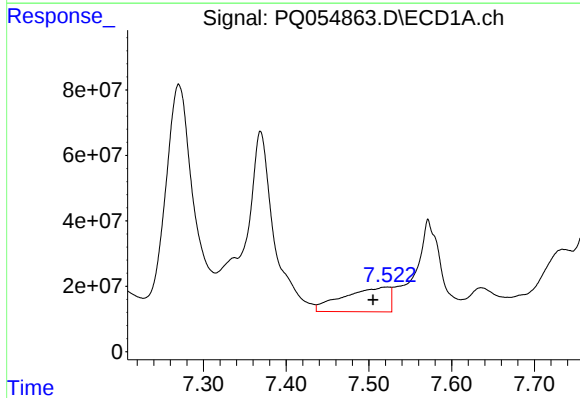
R.T.: 6.743 min
Delta R.T.: 0.019 min
Response: 736407409
Conc: 1609.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



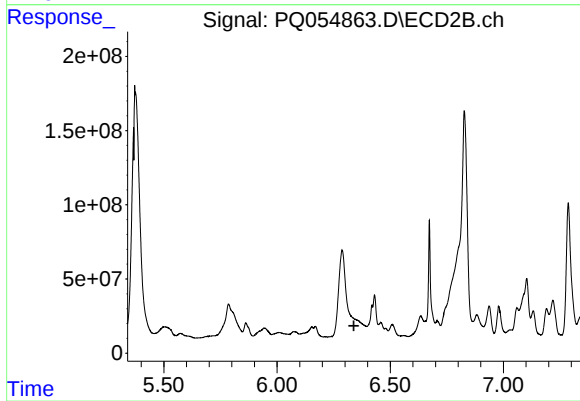
#19 AR-1242-4

R.T.: 5.786 min
Delta R.T.: 0.010 min
Response: 741106492
Conc: 2928.24 ng/ml



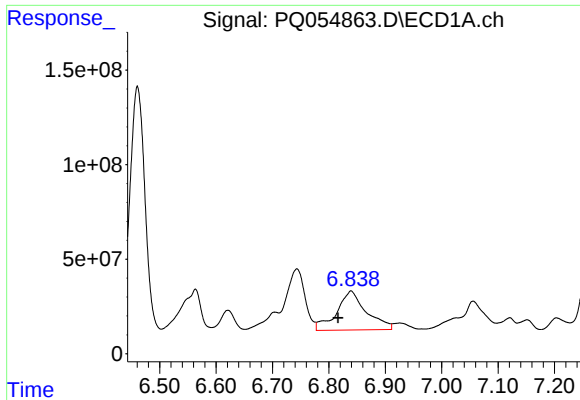
#20 AR-1242-5

R.T.: 7.523 min
Delta R.T.: 0.017 min
Response: 289727953
Conc: 618.77 ng/ml



#20 AR-1242-5

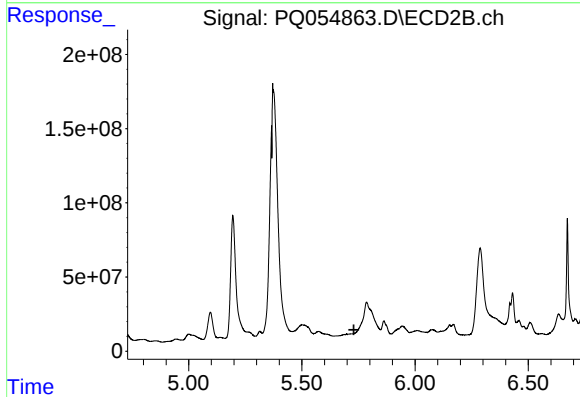
R.T.: 0.000 min
Exp R.T.: 6.339 min
Response: 0
Conc: N.D.



#22 AR-1248-2

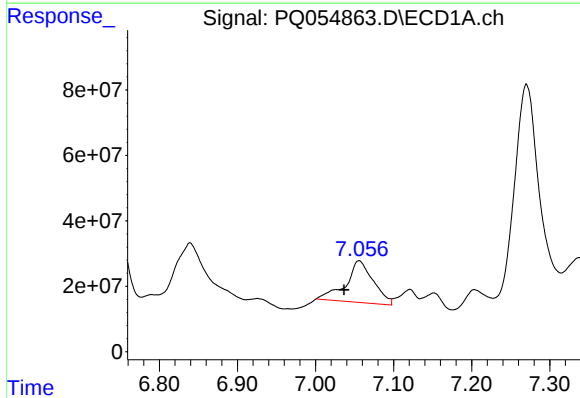
R.T.: 6.839 min
Delta R.T.: 0.023 min
Response: 754112003
Conc: 1160.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



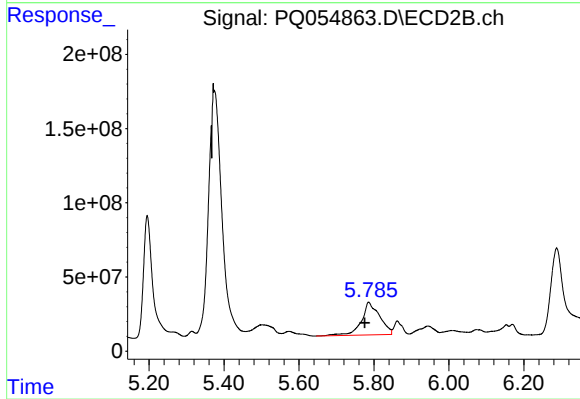
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.730 min
Response: 0
Conc: N.D.



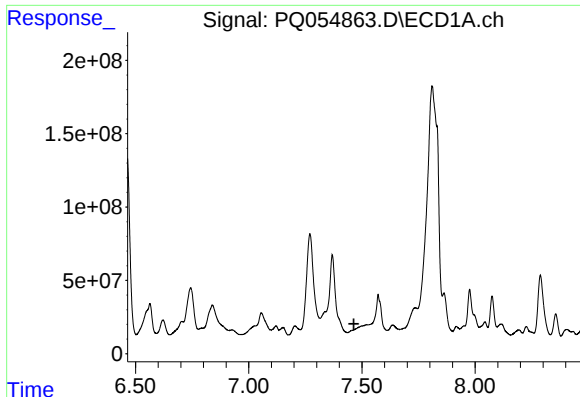
#23 AR-1248-3

R.T.: 7.056 min
Delta R.T.: 0.019 min
Response: 311692543
Conc: 435.85 ng/ml



#23 AR-1248-3

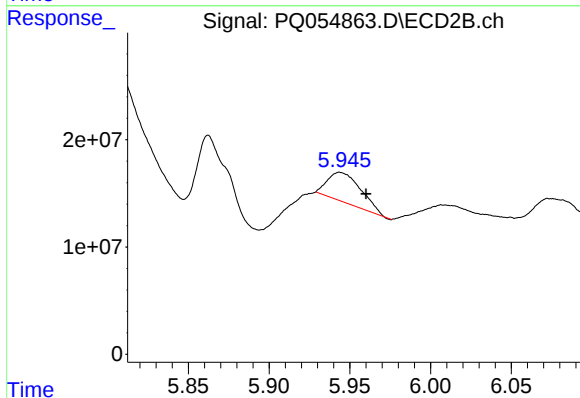
R.T.: 5.786 min
Delta R.T.: 0.011 min
Response: 741106492
Conc: 2084.07 ng/ml



#24 AR-1248-4

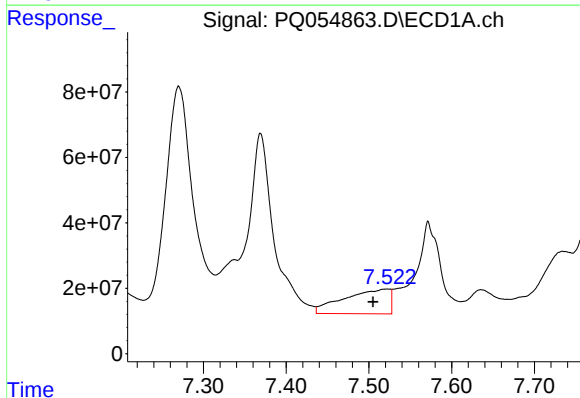
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



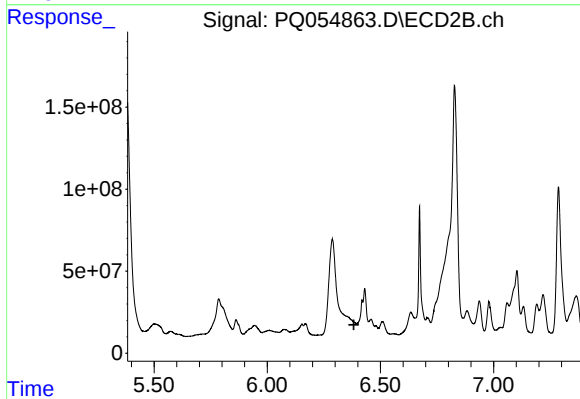
#24 AR-1248-4

R.T.: 5.944 min
Delta R.T.: -0.016 min
Response: 39742989
Conc: 92.52 ng/ml



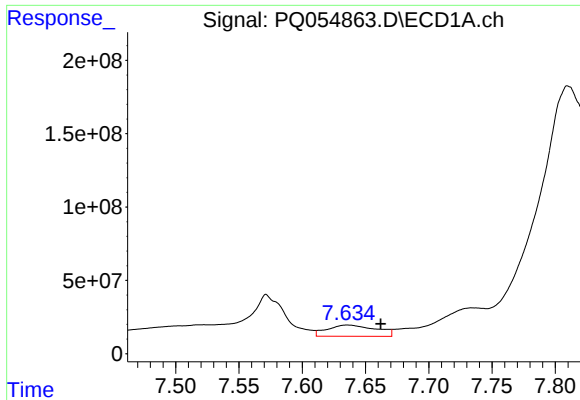
#25 AR-1248-5

R.T.: 7.523 min
Delta R.T.: 0.018 min
Response: 289727953
Conc: 361.05 ng/ml



#25 AR-1248-5

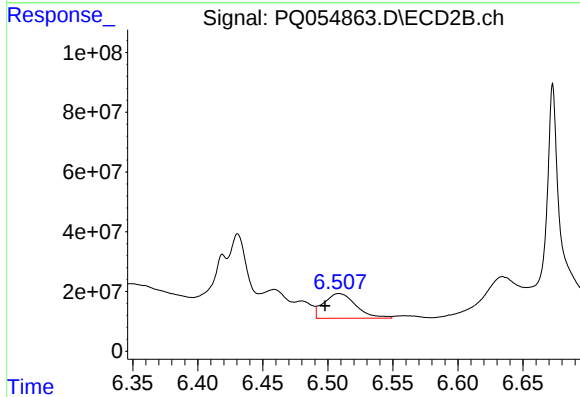
R.T.: 0.000 min
Exp R.T.: 6.383 min
Response: 0
Conc: N.D.



#27 AR-1254-2

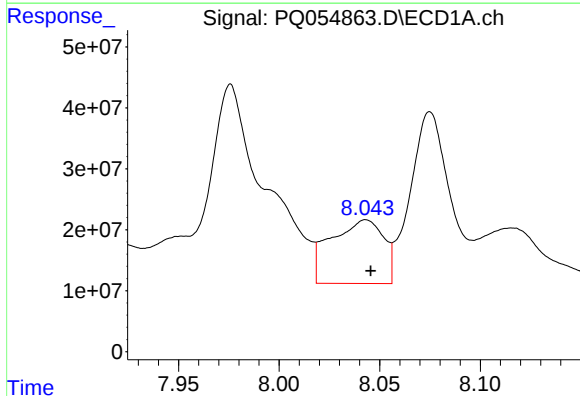
R.T.: 7.636 min
Delta R.T.: -0.026 min
Response: 204423352
Conc: 152.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



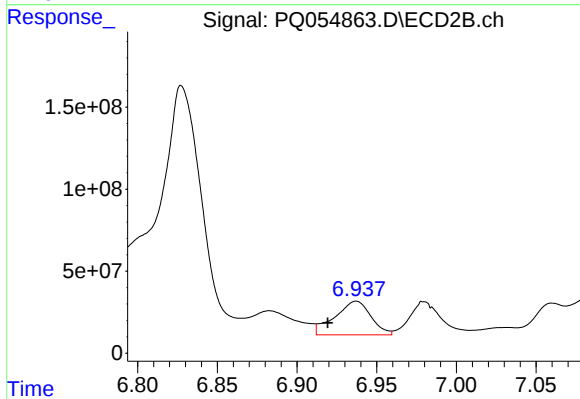
#27 AR-1254-2

R.T.: 6.509 min
Delta R.T.: 0.011 min
Response: 142525536
Conc: 203.67 ng/ml



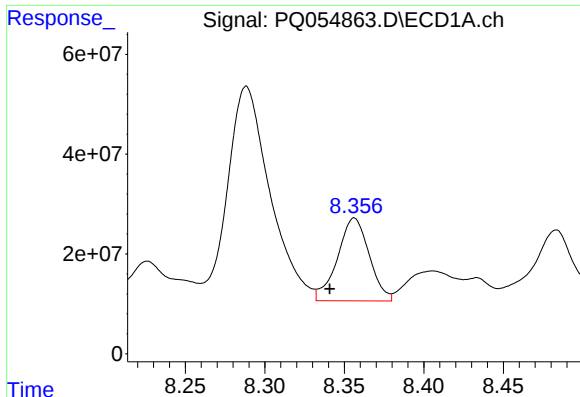
#28 AR-1254-3

R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 189638059
Conc: 136.16 ng/ml



#28 AR-1254-3

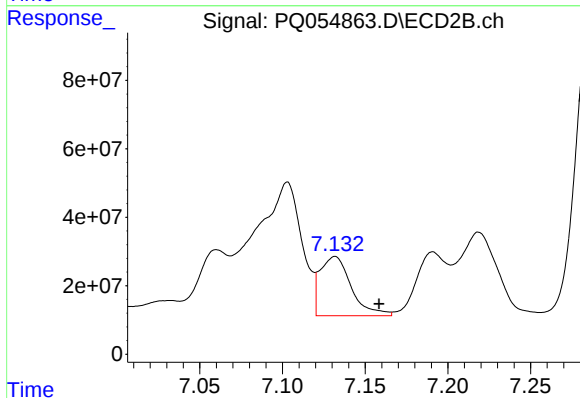
R.T.: 6.937 min
Delta R.T.: 0.018 min
Response: 323296413
Conc: 293.26 ng/ml



#29 AR-1254-4

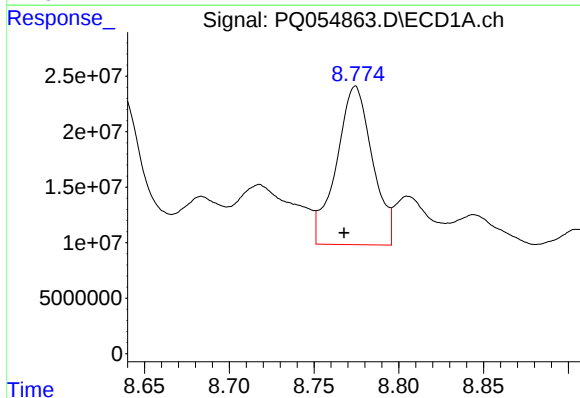
R.T.: 8.356 min
Delta R.T.: 0.015 min
Response: 230901999
Conc: 216.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



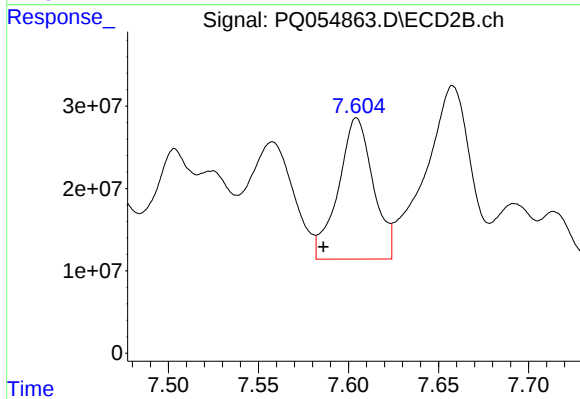
#29 AR-1254-4

R.T.: 7.132 min
Delta R.T.: -0.027 min
Response: 227224932
Conc: 300.52 ng/ml



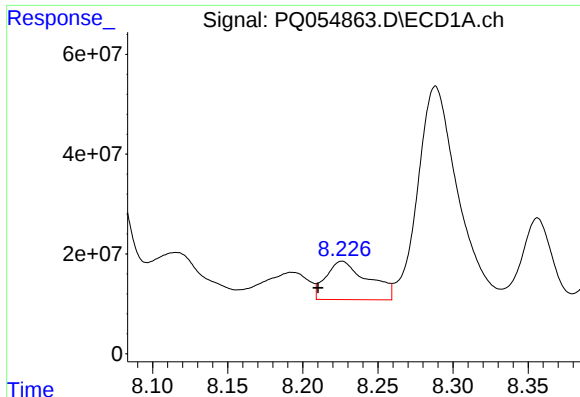
#30 AR-1254-5

R.T.: 8.774 min
Delta R.T.: 0.007 min
Response: 210565169
Conc: 183.21 ng/ml



#30 AR-1254-5

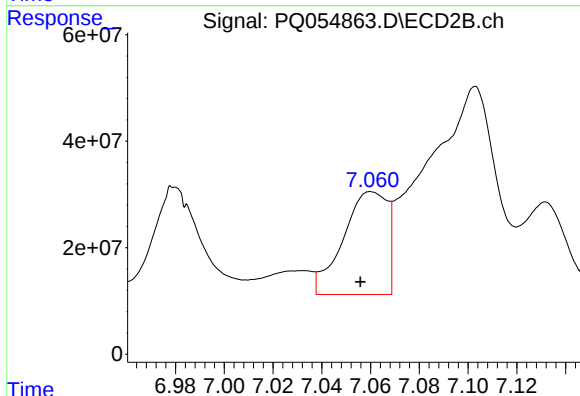
R.T.: 7.605 min
Delta R.T.: 0.018 min
Response: 230846014
Conc: 208.59 ng/ml



#31 AR-1260-1

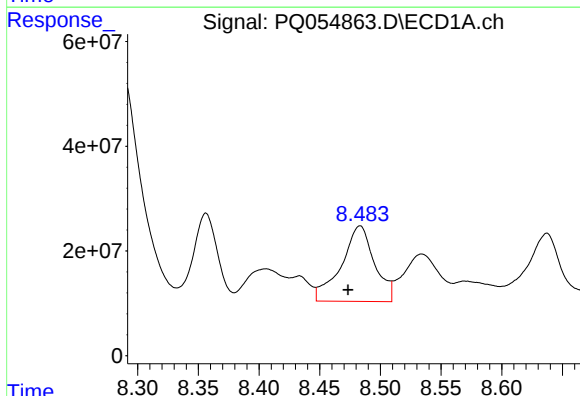
R.T.: 8.226 min
Delta R.T.: 0.016 min
Response: 150848539
Conc: 152.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



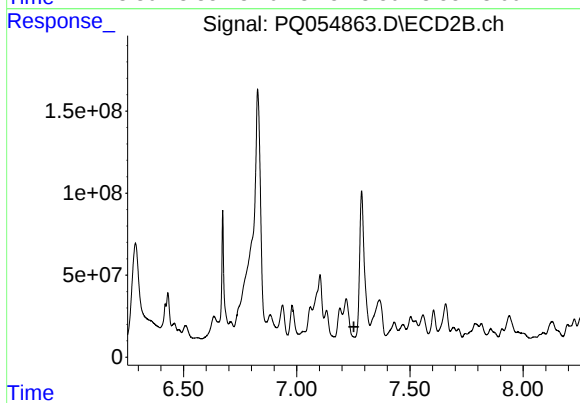
#31 AR-1260-1

R.T.: 7.060 min
Delta R.T.: 0.004 min
Response: 242494353
Conc: 322.91 ng/ml



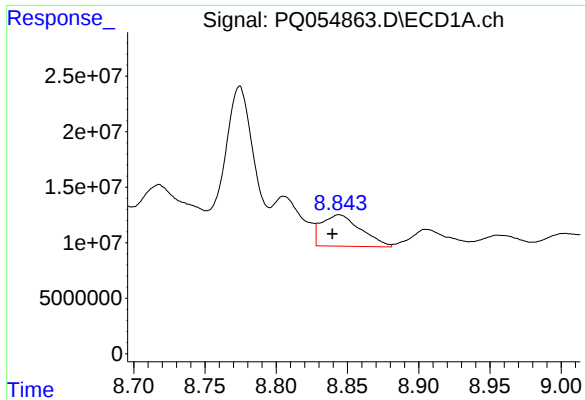
#32 AR-1260-2

R.T.: 8.483 min
Delta R.T.: 0.010 min
Response: 275585369
Conc: 234.20 ng/ml



#32 AR-1260-2

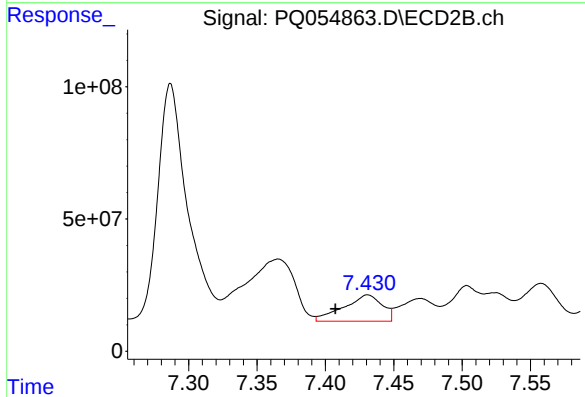
R.T.: 0.000 min
Exp R.T.: 7.252 min
Response: 0
Conc: N.D.



#33 AR-1260-3

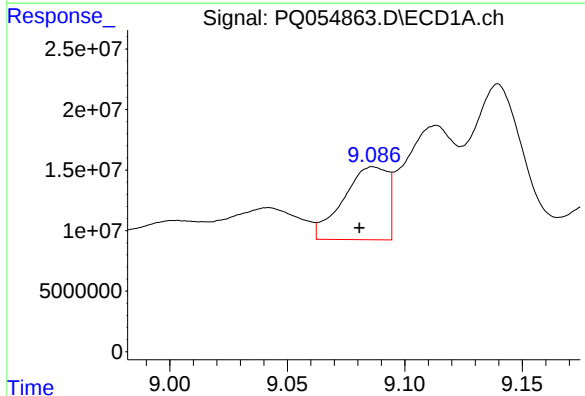
R.T.: 8.844 min
Delta R.T.: 0.005 min
Response: 54002128
Conc: 70.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



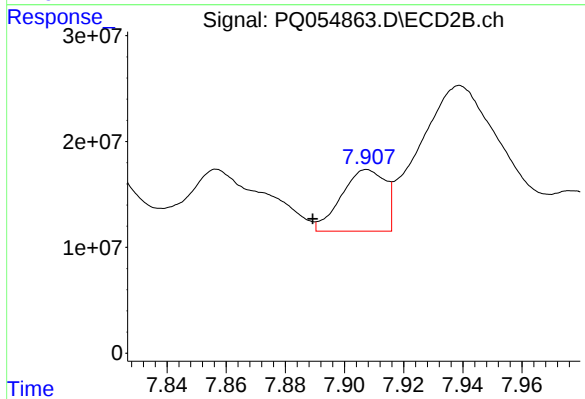
#33 AR-1260-3

R.T.: 7.431 min
Delta R.T.: 0.024 min
Response: 194310080
Conc: 219.77 ng/ml



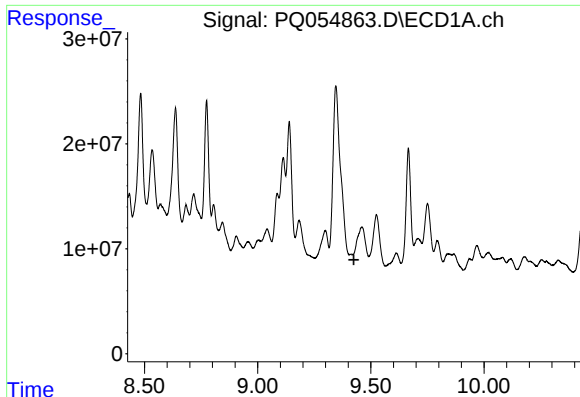
#34 AR-1260-4

R.T.: 9.087 min
Delta R.T.: 0.006 min
Response: 79337555
Conc: 84.94 ng/ml



#34 AR-1260-4

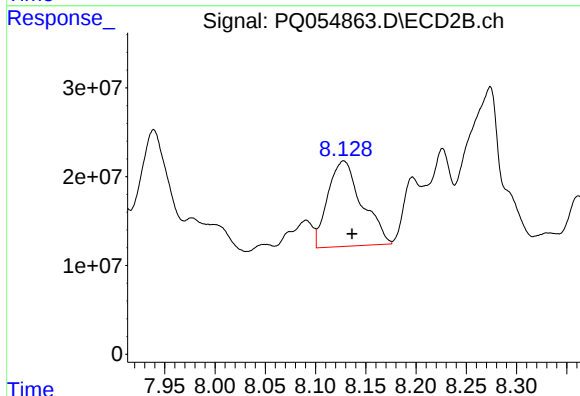
R.T.: 7.908 min
Delta R.T.: 0.018 min
Response: 59756471
Conc: 86.36 ng/ml



#35 AR-1260-5

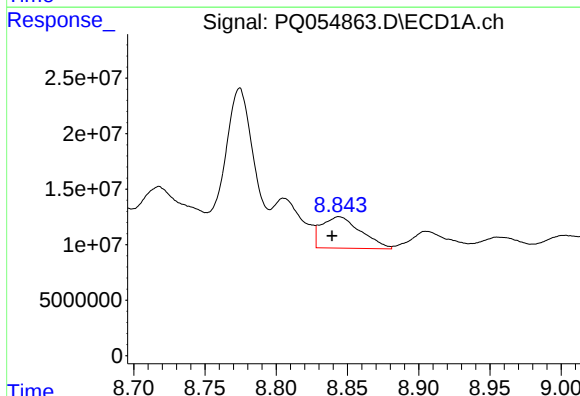
R.T.: 0.000 min
Exp R.T.: 9.425 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



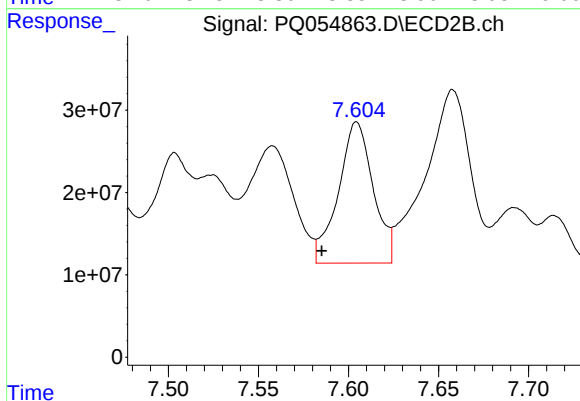
#35 AR-1260-5

R.T.: 8.128 min
Delta R.T.: -0.008 min
Response: 227787541
Conc: 119.18 ng/ml



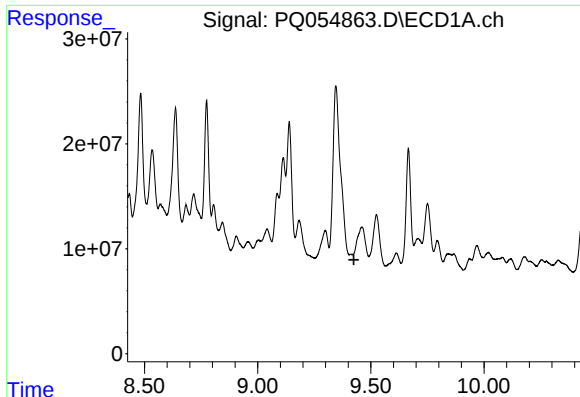
#36 AR-1262-1

R.T.: 8.844 min
Delta R.T.: 0.005 min
Response: 54002128
Conc: 45.96 ng/ml



#36 AR-1262-1

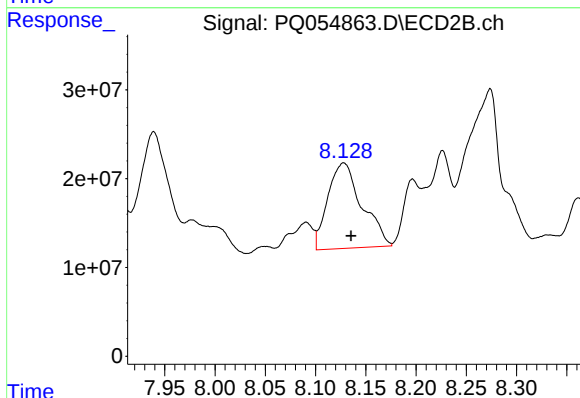
R.T.: 7.605 min
Delta R.T.: 0.019 min
Response: 230846014
Conc: 446.79 ng/ml



#37 AR-1262-2

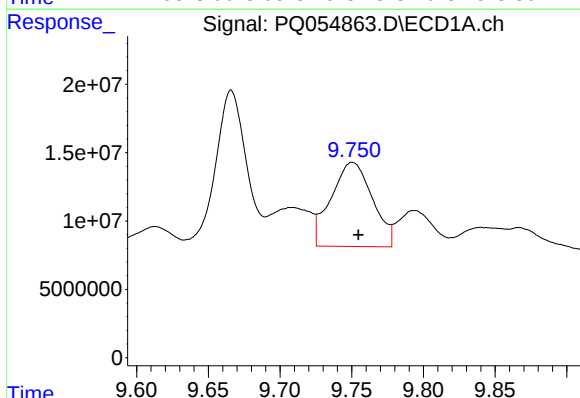
R.T.: 0.000 min
Exp R.T.: 9.425 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



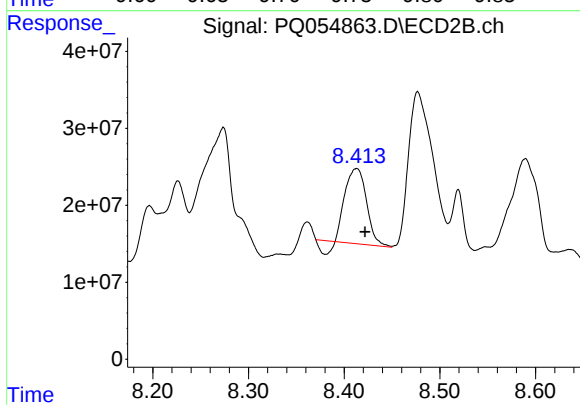
#37 AR-1262-2

R.T.: 8.128 min
Delta R.T.: -0.007 min
Response: 227787541
Conc: 102.84 ng/ml



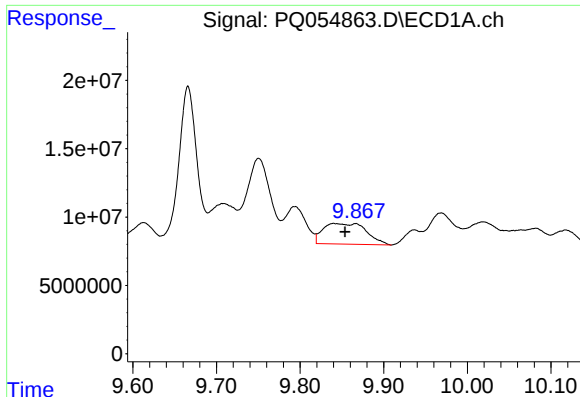
#38 AR-1262-3

R.T.: 9.751 min
Delta R.T.: -0.004 min
Response: 123963903
Conc: 139.17 ng/ml



#38 AR-1262-3

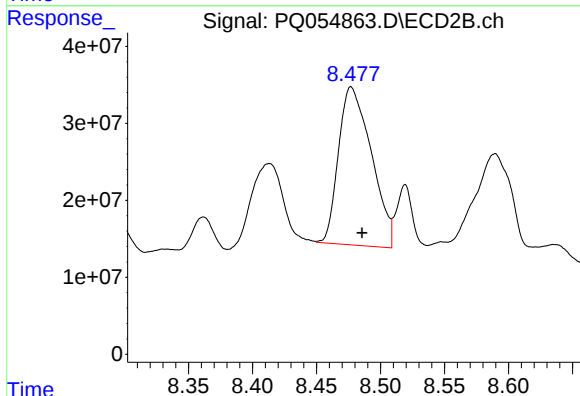
R.T.: 8.413 min
Delta R.T.: -0.009 min
Response: 141162375
Conc: 159.09 ng/ml



#39 AR-1262-4

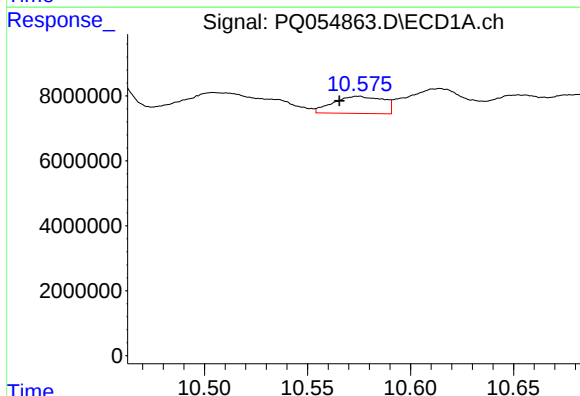
R.T.: 9.841 min
Delta R.T.: -0.013 min
Response: 54475090
Conc: 96.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



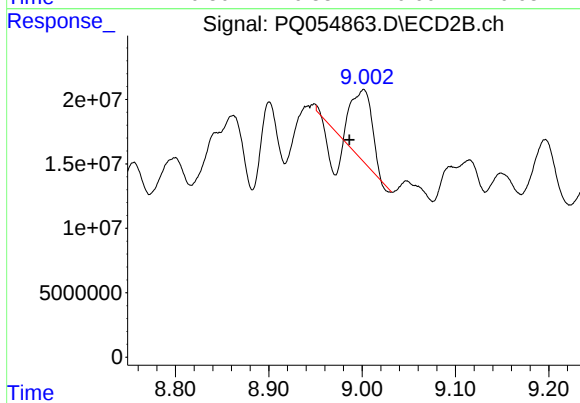
#39 AR-1262-4

R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 366906357
Conc: 241.25 ng/ml



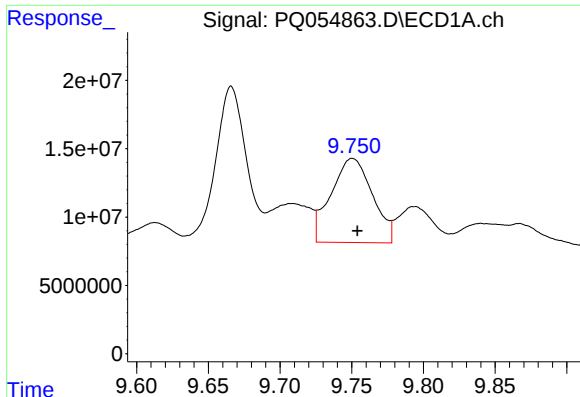
#40 AR-1262-5

R.T.: 10.575 min
Delta R.T.: 0.009 min
Response: 8859303
Conc: 11.53 ng/ml



#40 AR-1262-5

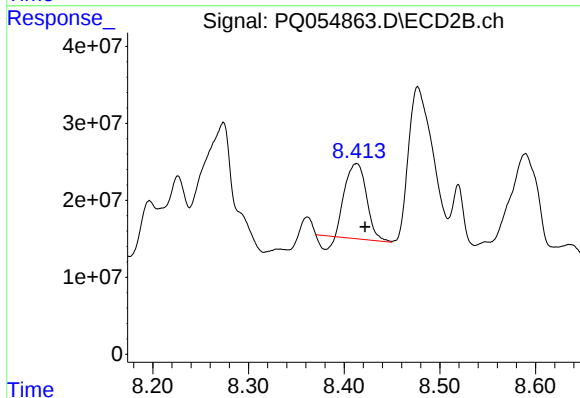
R.T.: 9.002 min
Delta R.T.: 0.016 min
Response: 60216058
Conc: 87.68 ng/ml



#41 AR-1268-1

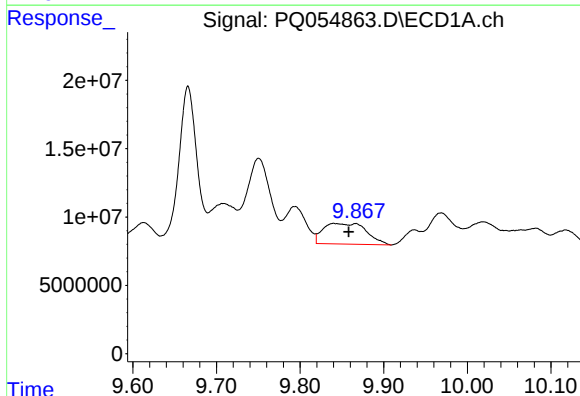
R.T.: 9.751 min
Delta R.T.: -0.003 min
Response: 123963903
Conc: 49.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



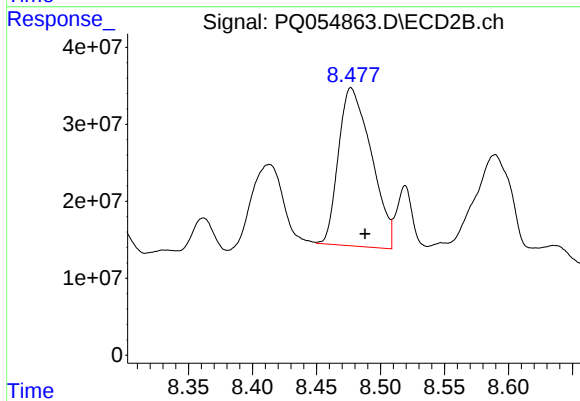
#41 AR-1268-1

R.T.: 8.413 min
Delta R.T.: -0.009 min
Response: 141162375
Conc: 52.01 ng/ml



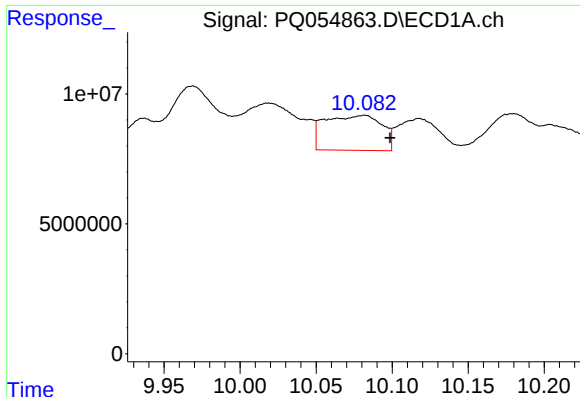
#42 AR-1268-2

R.T.: 9.841 min
Delta R.T.: -0.017 min
Response: 54475090
Conc: 23.82 ng/ml



#42 AR-1268-2

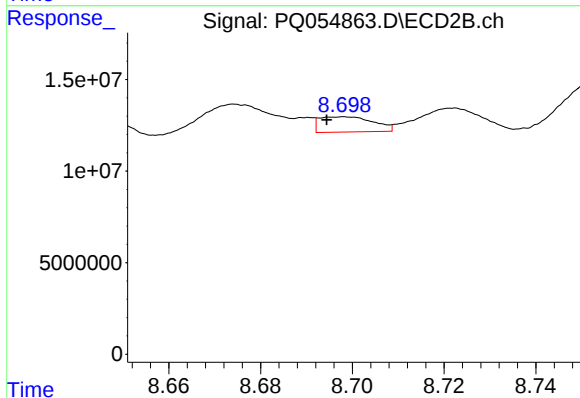
R.T.: 8.477 min
Delta R.T.: -0.011 min
Response: 366906357
Conc: 159.26 ng/ml



#43 AR-1268-3

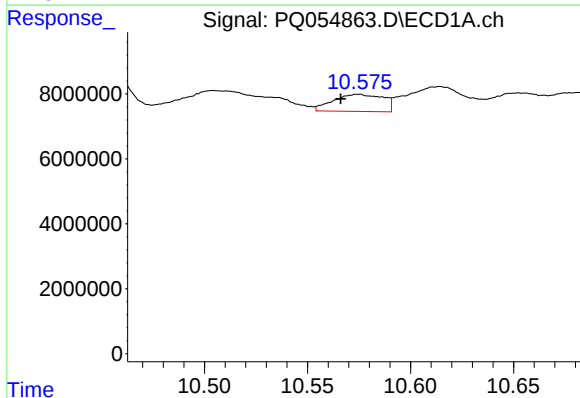
R.T.: 10.081 min
Delta R.T.: -0.018 min
Response: 35279622
Conc: 18.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



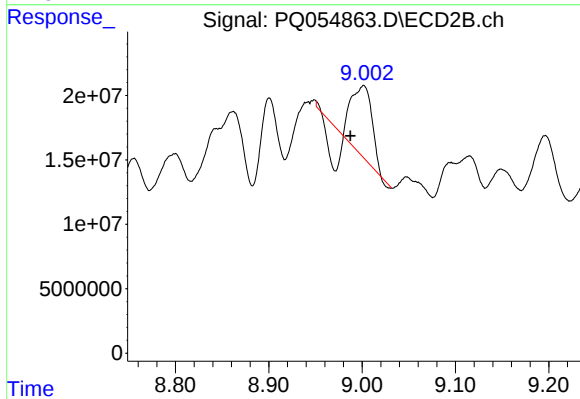
#43 AR-1268-3

R.T.: 8.698 min
Delta R.T.: 0.004 min
Response: 6841183
Conc: 3.39 ng/ml



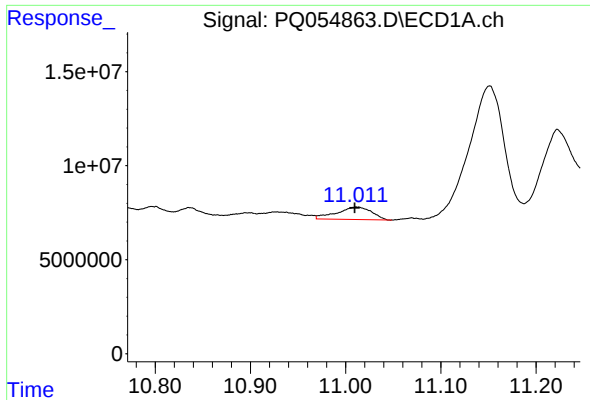
#44 AR-1268-4

R.T.: 10.575 min
Delta R.T.: 0.008 min
Response: 8859303
Conc: 10.38 ng/ml



#44 AR-1268-4

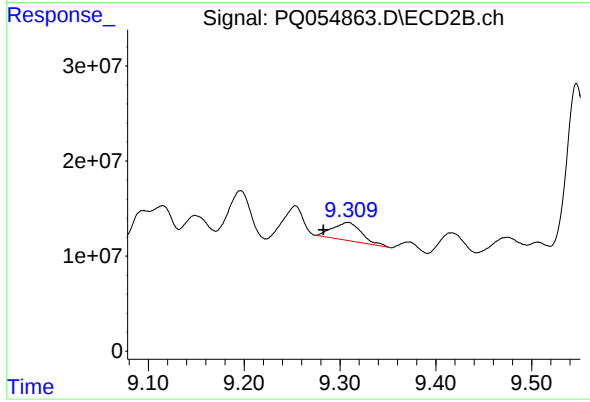
R.T.: 9.002 min
Delta R.T.: 0.014 min
Response: 60216058
Conc: 77.46 ng/ml



#45 AR-1268-5

R.T.: 11.012 min
Delta R.T.: 0.002 min
Response: 16711900
Conc: 2.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.308 min
Delta R.T.: 0.026 min
Response: 39647241
Conc: 6.89 ng/ml