

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042624\
 Data File : PQ066286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2024 14:41
 Operator : YP\AJ
 Sample : P2203-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 21:31:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042224CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 23 04:31:28 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.440	2.734	95165194	136.6E6	20.922	20.801
2)	SA Decachlor...	8.649	7.499	54807087	130.9E6	42.035	40.551
Target Compounds							
3)	L1 AR-1016-1	4.551	3.732	52966718	69679533	373.315	291.001
4)	L1 AR-1016-2	4.570	3.747	84135873	102.9E6	385.161	294.806
5)	L1 AR-1016-3	4.629	3.907	72205374	54835147	513.728	291.371 #
6)	L1 AR-1016-4	4.721	3.956	62948500	48984979	546.586	309.632 #
7)	L1 AR-1016-5	5.009	4.150	53874019	66359052	498.711	338.121 #
8)	L2 AR-1221-1	3.639	2.934	4897313	5019787	96.753	63.838 #
9)	L2 AR-1221-2	3.722	3.011	4858289	8773843	141.280	155.499
10)	L2 AR-1221-3	3.793	3.078	26295463	31581965	225.876	171.992
11)	L3 AR-1232-1	3.793	3.078	26295463	31581965	266.052	203.946
12)	L3 AR-1232-2	4.290	3.747	39981662	102.9E6	760.567	643.903
13)	L3 AR-1232-3	4.570	3.907	84135873	54835147	860.774	654.772
14)	L3 AR-1232-4	4.721	3.992	62948500	55185193	1236.907	764.378 #
15)	L3 AR-1232-5	4.818	4.150	42476786	66359052	1216.638	804.020 #
16)	L4 AR-1242-1	4.551	3.732	52966718	69679533	469.601	361.079
17)	L4 AR-1242-2	4.570	3.747	84135873	102.9E6	486.984	370.937
18)	L4 AR-1242-3	4.629	3.907	72205374	54835147	633.705	363.819 #
19)	L4 AR-1242-4	4.721	3.992	62948500	55185193	673.389	386.943 #
20)	L4 AR-1242-5	5.439	4.486	50522172	84789884	563.513	448.125
21)	L5 AR-1248-1	4.551	3.732	52966718	69679533	626.815	481.919
22)	L5 AR-1248-2	4.818	3.956	42476786	48984979	354.218	223.233 #
23)	L5 AR-1248-3	5.009	3.992	53874019	55185193	381.571	261.422 #
24)	L5 AR-1248-4	5.404	4.150	42747436	66359052	287.681	255.289
25)	L5 AR-1248-5	5.439	4.523	50522172	69976973	335.264	270.991
26)	L6 AR-1254-1	5.376	4.486	36054208	84789884	233.772	216.431
27)	L6 AR-1254-2	5.591	4.633	41593362	30992647	176.386	90.308 #
28)	L6 AR-1254-3	5.950	5.013	21329116	48180262	88.961	88.920
29)	L6 AR-1254-4	6.235	5.240	12662125	23809580	73.889	68.122
30)	L6 AR-1254-5	6.641	5.636	23022648	41396460	124.675	83.294 #
31)	L7 AR-1260-1	6.115	5.143	4533911	37703333	23.969	95.984 #
32)	L7 AR-1260-2	6.375	5.332	6215251	10399045	28.028	21.678
33)	L7 AR-1260-3	6.738	5.472	38209649	19614954	235.888	43.837 #
34)	L7 AR-1260-4	6.949	5.923	11086093	32276072	60.155	87.843 #
35)	L7 AR-1260-5	7.260	6.167	18523094	28917750	54.317	34.327 #
36)	L8 AR-1262-1	6.738	5.680	38209649	11513494	168.274	21.737 #
37)	L8 AR-1262-2	7.260	6.167	18523094	28917750	49.817	30.790 #
38)	L8 AR-1262-3	7.547	6.469	15973277	8051719	65.493	20.944 #
39)	L8 AR-1262-4	7.606	6.524	4409203	34620882	23.583	48.878 #
40)	L8 AR-1262-5	8.112	7.011	3445907	22150120	27.510	67.601 #
41)	L9 AR-1268-1	7.547	6.469	15973277	8051719	37.756	7.367 #

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 ALS Vial : 14 Sample Multiplier: 1

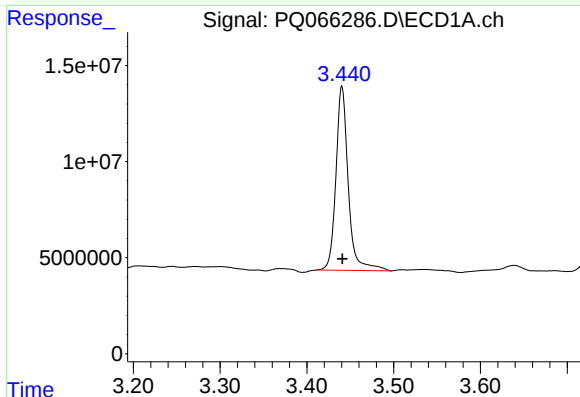
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 21:31:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042224CLP.M
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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.606	6.524	4409203	34620882	11.316	34.730 #
43) L9	AR-1268-3	7.789	6.719	39510137	9981162	122.727	11.571 #
44) L9	AR-1268-4	8.112	7.011	3445907	22150120	24.912	61.187 #
45) L9	AR-1268-5	8.406	7.271	2633481	34748585	2.841	13.612 #

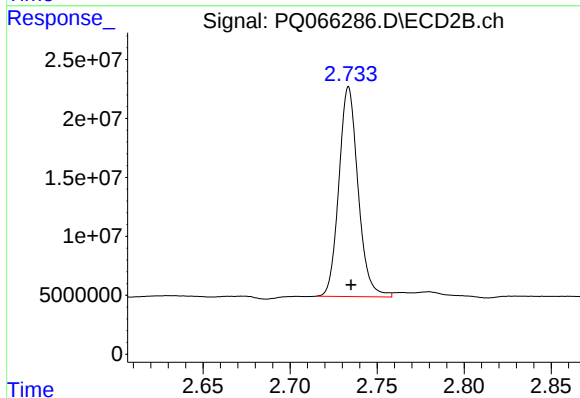
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

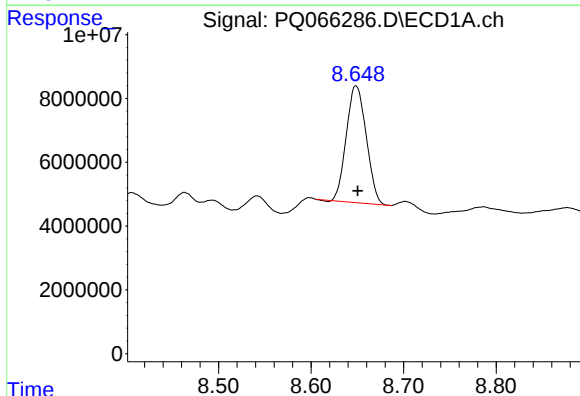
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 95165194
Conc: 20.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



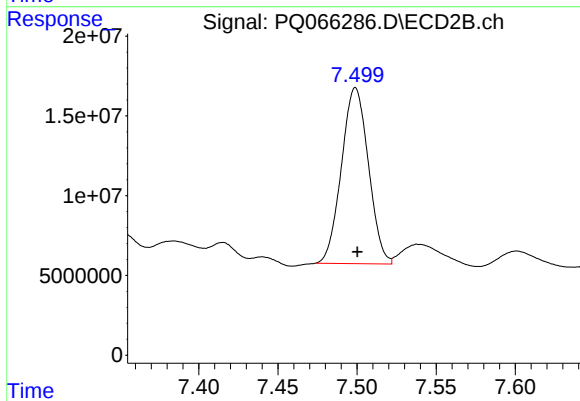
#1 Tetrachloro-m-xylene

R.T.: 2.734 min
Delta R.T.: -0.001 min
Response: 136557582
Conc: 20.80 ng/ml



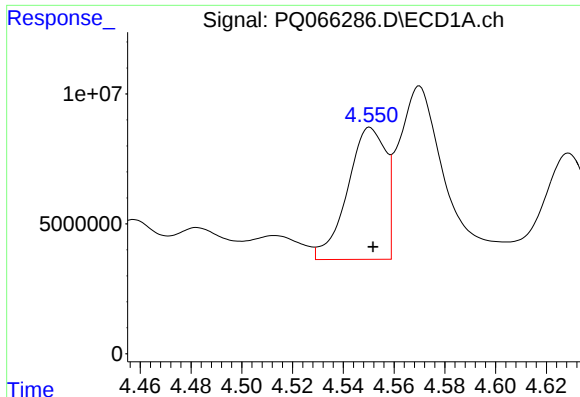
#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.002 min
Response: 54807087
Conc: 42.03 ng/ml



#2 Decachlorobiphenyl

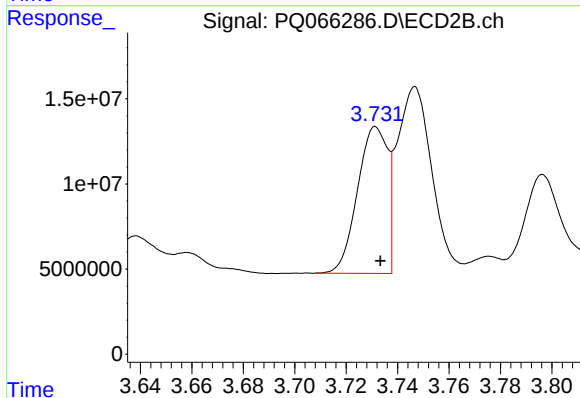
R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 130944152
Conc: 40.55 ng/ml



#3 AR-1016-1

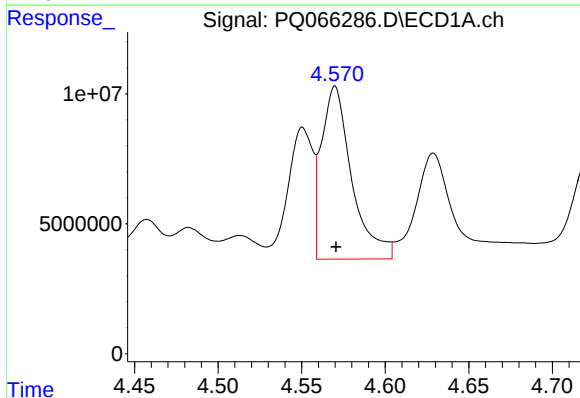
R.T.: 4.551 min
Delta R.T.: -0.001 min
Response: 52966718
Conc: 373.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



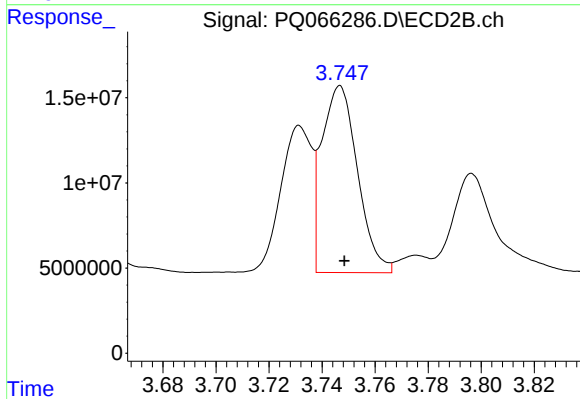
#3 AR-1016-1

R.T.: 3.732 min
Delta R.T.: -0.002 min
Response: 69679533
Conc: 291.00 ng/ml



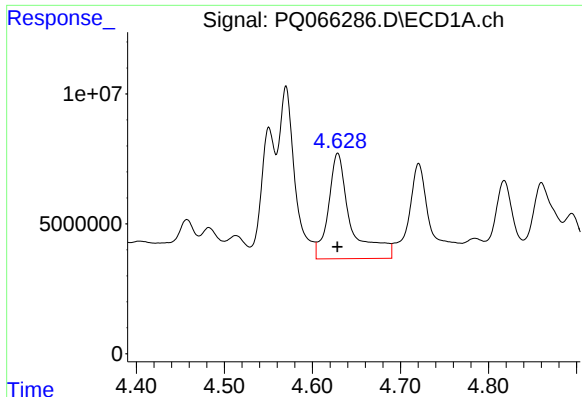
#4 AR-1016-2

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 84135873
Conc: 385.16 ng/ml



#4 AR-1016-2

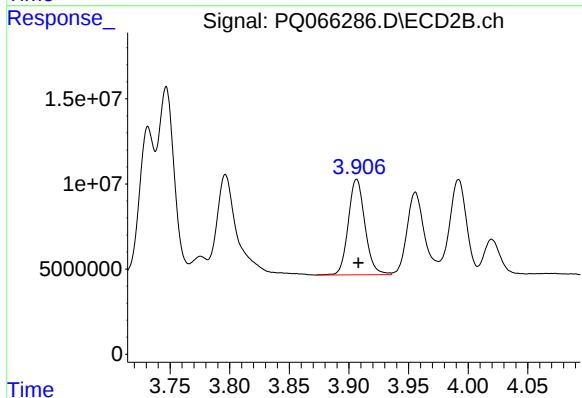
R.T.: 3.747 min
Delta R.T.: -0.002 min
Response: 102920609
Conc: 294.81 ng/ml



#5 AR-1016-3

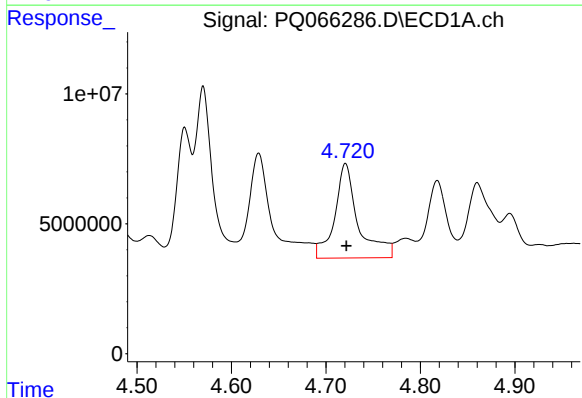
R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 72205374
Conc: 513.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



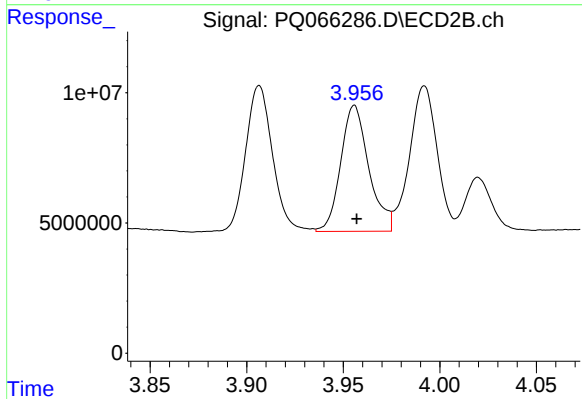
#5 AR-1016-3

R.T.: 3.907 min
Delta R.T.: -0.001 min
Response: 54835147
Conc: 291.37 ng/ml



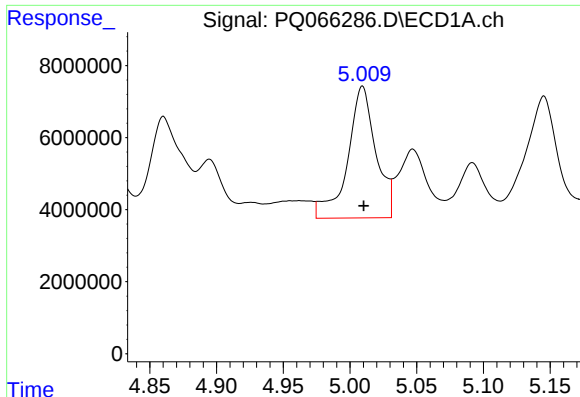
#6 AR-1016-4

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 62948500
Conc: 546.59 ng/ml



#6 AR-1016-4

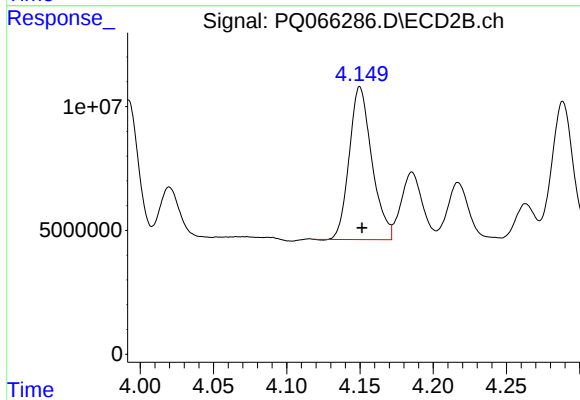
R.T.: 3.956 min
Delta R.T.: -0.001 min
Response: 48984979
Conc: 309.63 ng/ml



#7 AR-1016-5

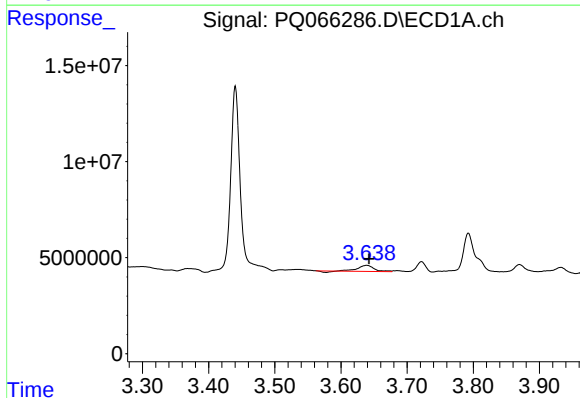
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 53874019
Conc: 498.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



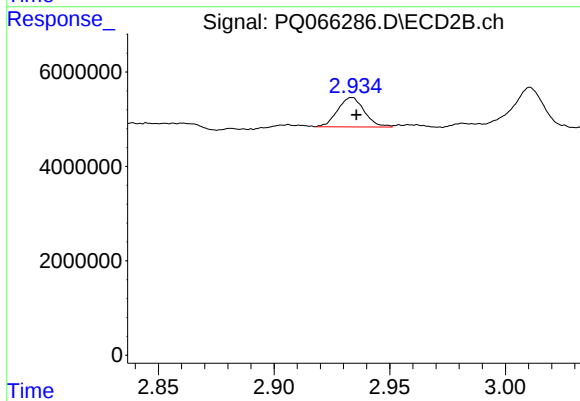
#7 AR-1016-5

R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 66359052
Conc: 338.12 ng/ml



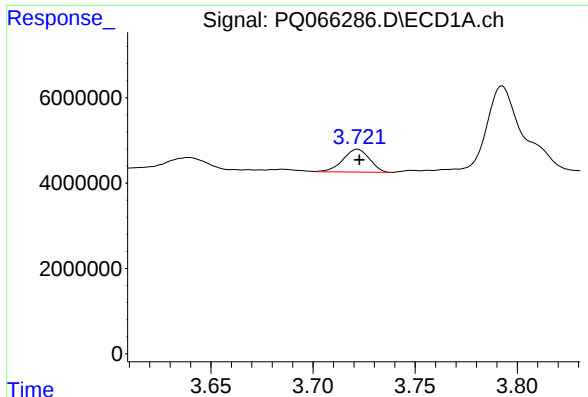
#8 AR-1221-1

R.T.: 3.639 min
Delta R.T.: -0.004 min
Response: 4897313
Conc: 96.75 ng/ml



#8 AR-1221-1

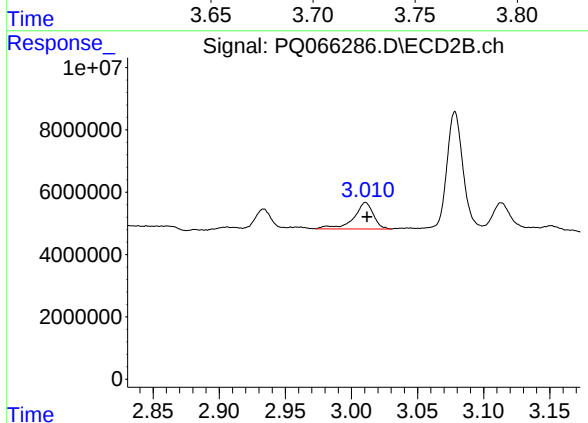
R.T.: 2.934 min
Delta R.T.: -0.002 min
Response: 5019787
Conc: 63.84 ng/ml



#9 AR-1221-2

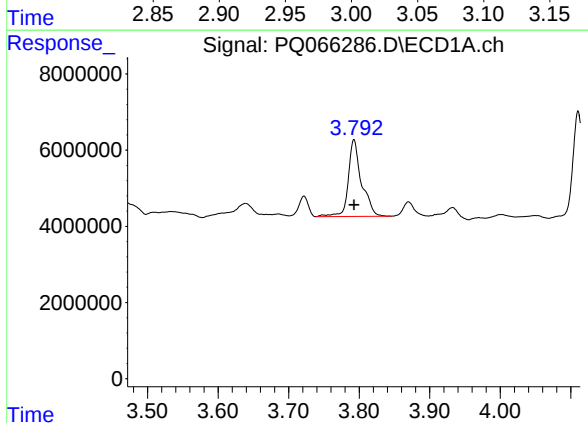
R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 4858289
Conc: 141.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



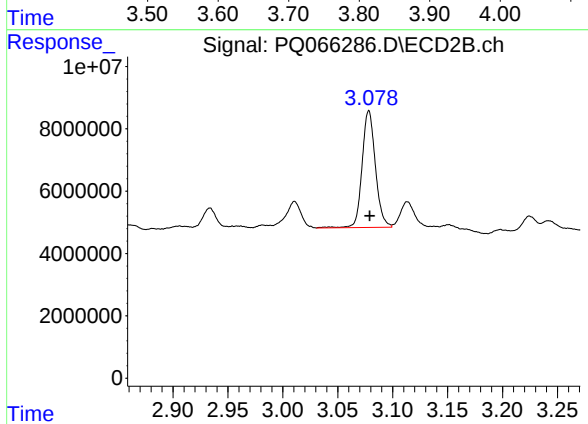
#9 AR-1221-2

R.T.: 3.011 min
Delta R.T.: -0.001 min
Response: 8773843
Conc: 155.50 ng/ml



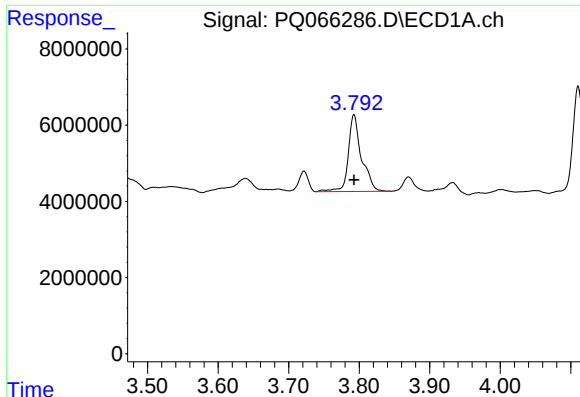
#10 AR-1221-3

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 26295463
Conc: 225.88 ng/ml



#10 AR-1221-3

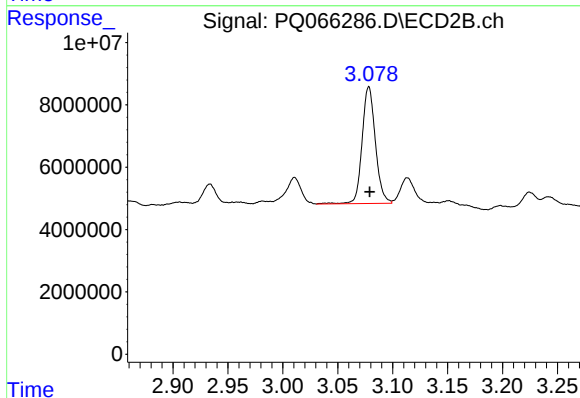
R.T.: 3.078 min
Delta R.T.: 0.000 min
Response: 31581965
Conc: 171.99 ng/ml



#11 AR-1232-1

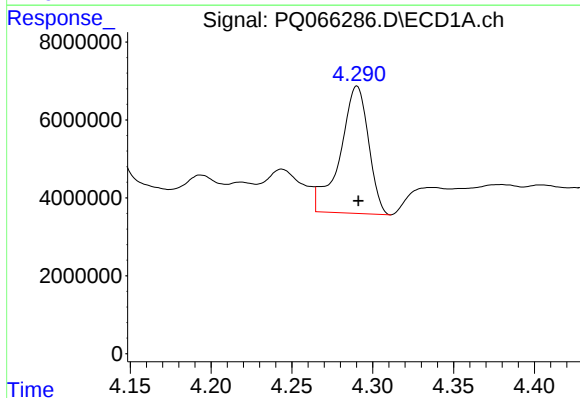
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 26295463
Conc: 266.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



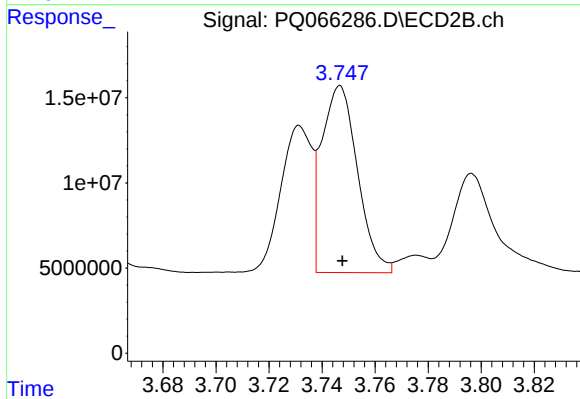
#11 AR-1232-1

R.T.: 3.078 min
Delta R.T.: 0.000 min
Response: 31581965
Conc: 203.95 ng/ml



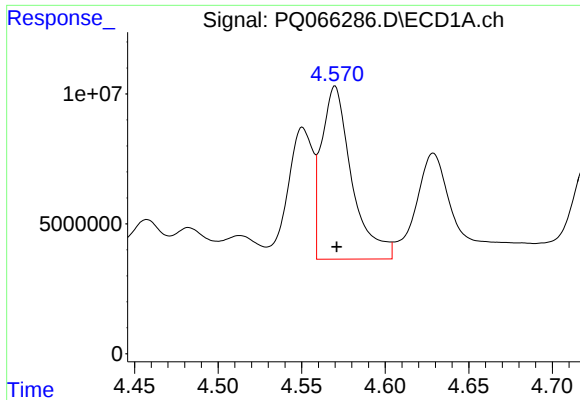
#12 AR-1232-2

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 39981662
Conc: 760.57 ng/ml



#12 AR-1232-2

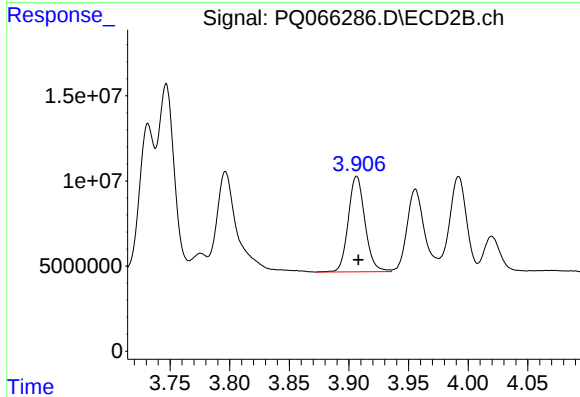
R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 102920609
Conc: 643.90 ng/ml



#13 AR-1232-3

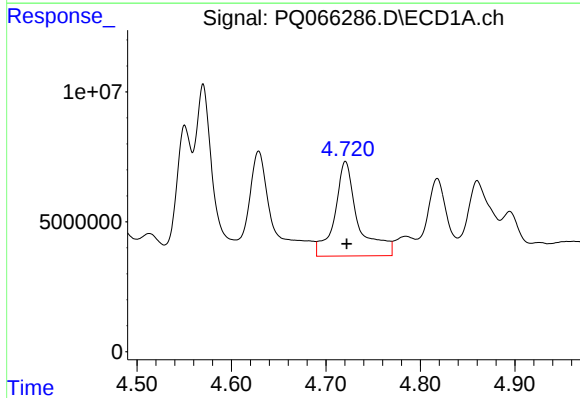
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 84135873
Conc: 860.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



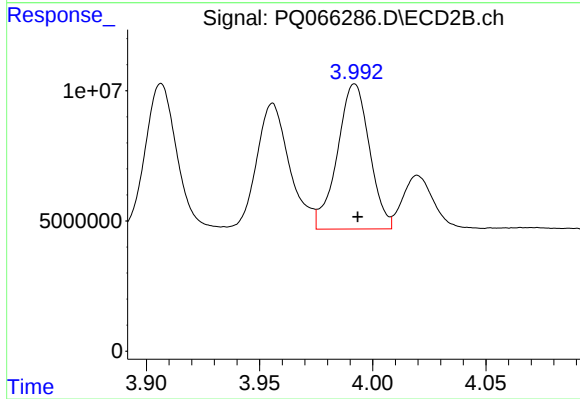
#13 AR-1232-3

R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 54835147
Conc: 654.77 ng/ml



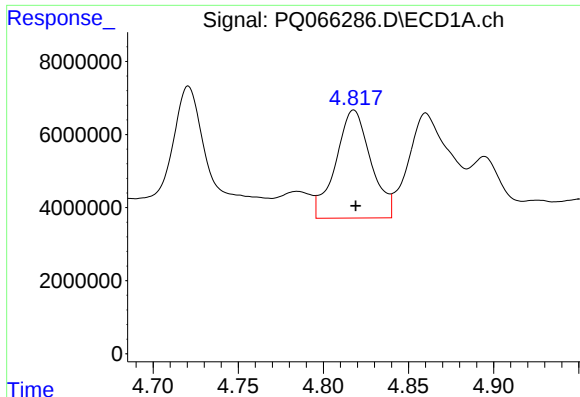
#14 AR-1232-4

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 62948500
Conc: 1236.91 ng/ml



#14 AR-1232-4

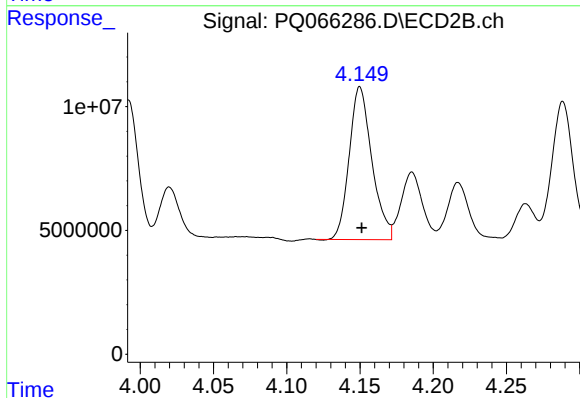
R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 55185193
Conc: 764.38 ng/ml



#15 AR-1232-5

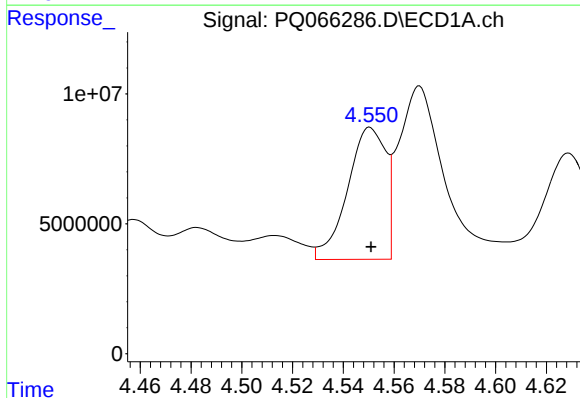
R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 42476786
Conc: 1216.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



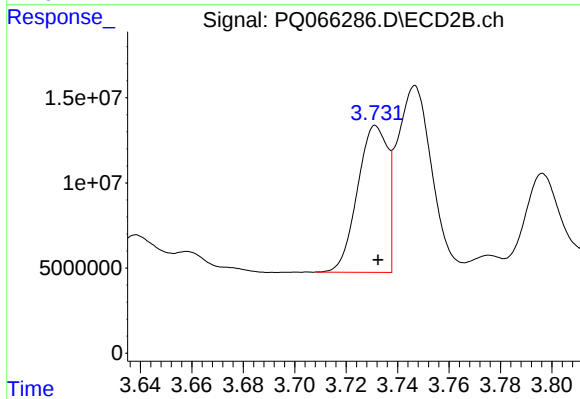
#15 AR-1232-5

R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 66359052
Conc: 804.02 ng/ml



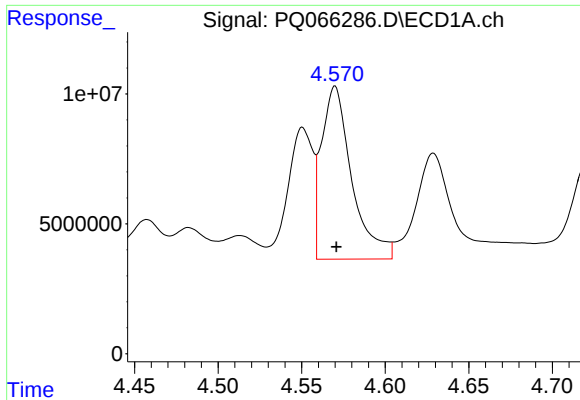
#16 AR-1242-1

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 52966718
Conc: 469.60 ng/ml



#16 AR-1242-1

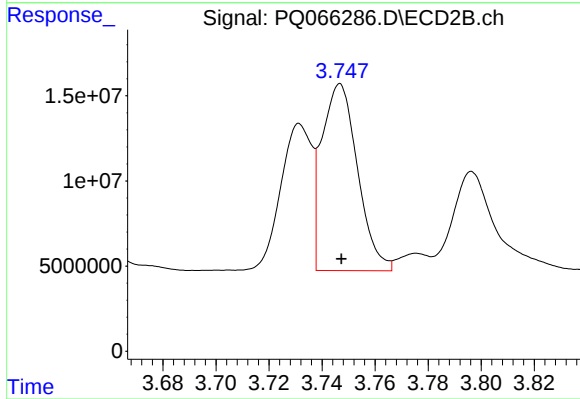
R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 69679533
Conc: 361.08 ng/ml



#17 AR-1242-2

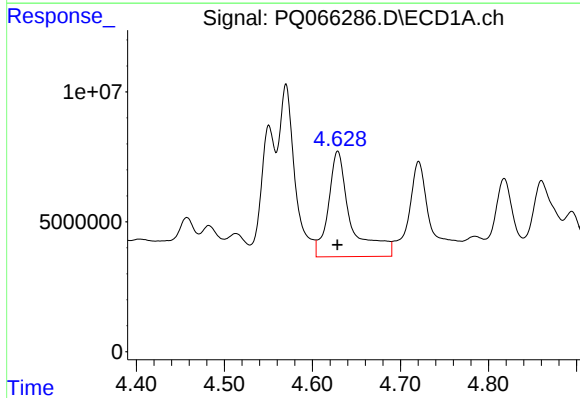
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 84135873
Conc: 486.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



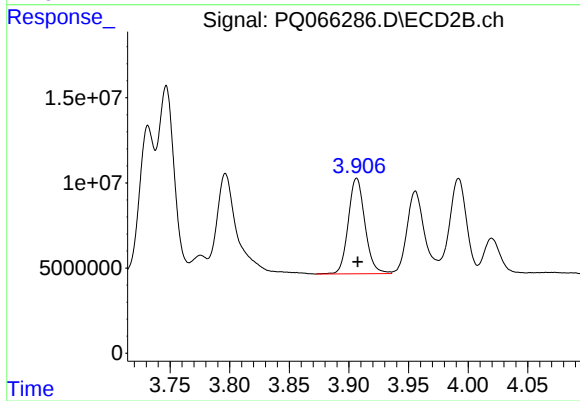
#17 AR-1242-2

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 102920609
Conc: 370.94 ng/ml



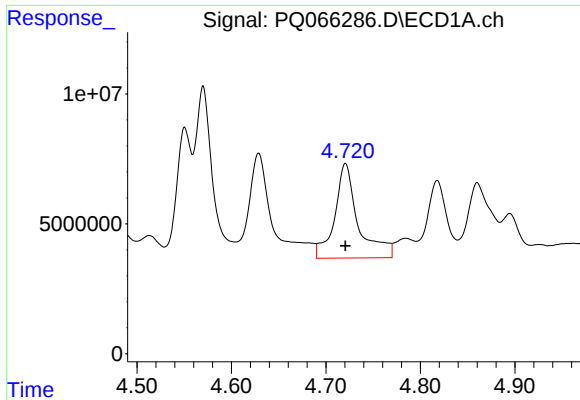
#18 AR-1242-3

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 72205374
Conc: 633.71 ng/ml



#18 AR-1242-3

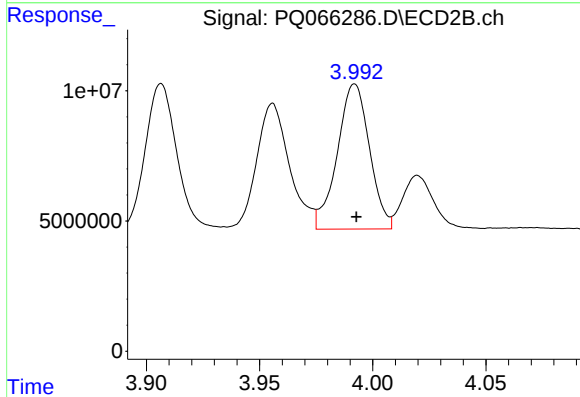
R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 54835147
Conc: 363.82 ng/ml



#19 AR-1242-4

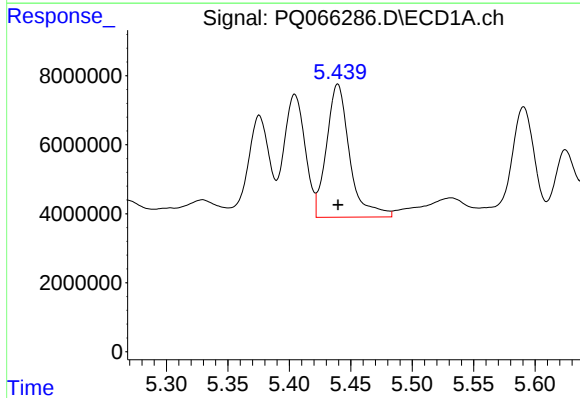
R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 62948500
Conc: 673.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



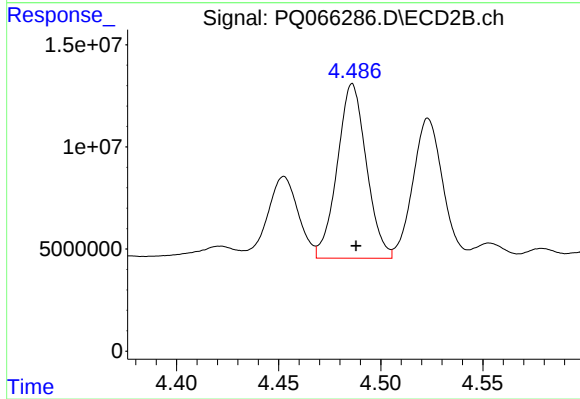
#19 AR-1242-4

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 55185193
Conc: 386.94 ng/ml



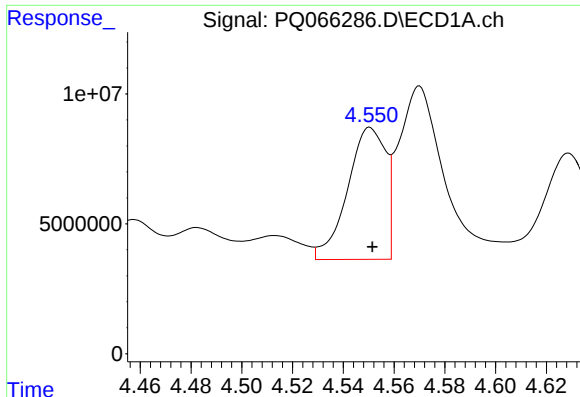
#20 AR-1242-5

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 50522172
Conc: 563.51 ng/ml



#20 AR-1242-5

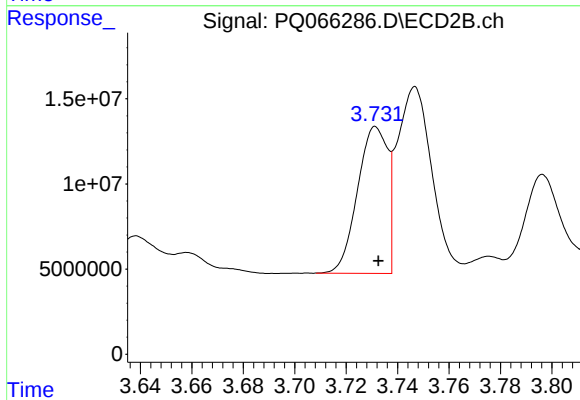
R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 84789884
Conc: 448.12 ng/ml



#21 AR-1248-1

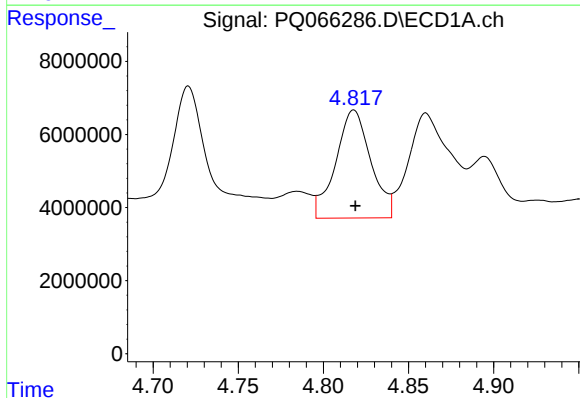
R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 52966718
Conc: 626.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



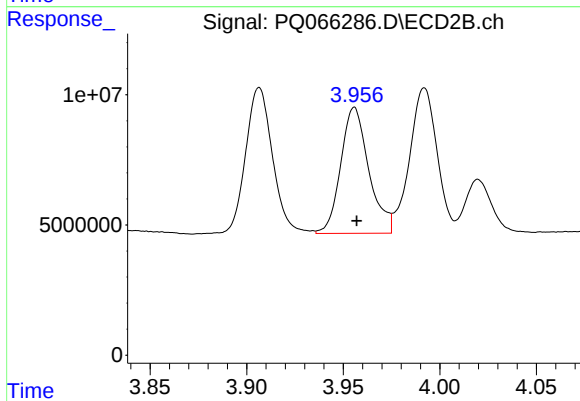
#21 AR-1248-1

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 69679533
Conc: 481.92 ng/ml



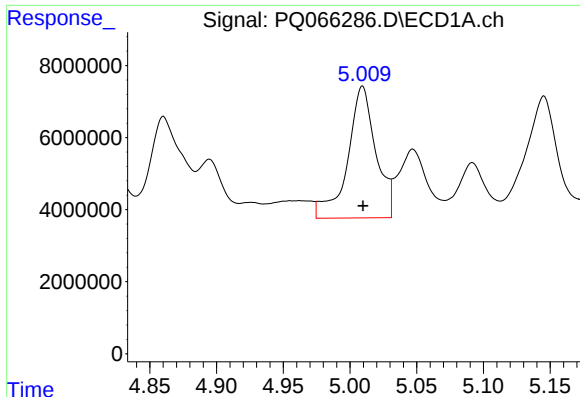
#22 AR-1248-2

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 42476786
Conc: 354.22 ng/ml



#22 AR-1248-2

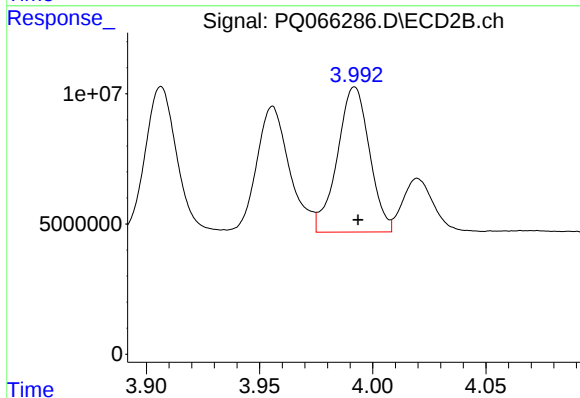
R.T.: 3.956 min
Delta R.T.: -0.001 min
Response: 48984979
Conc: 223.23 ng/ml



#23 AR-1248-3

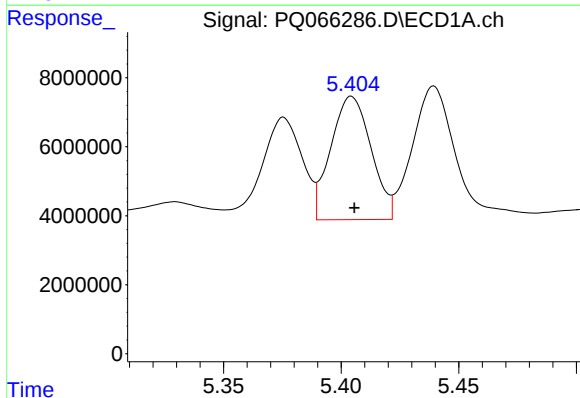
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 53874019
Conc: 381.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



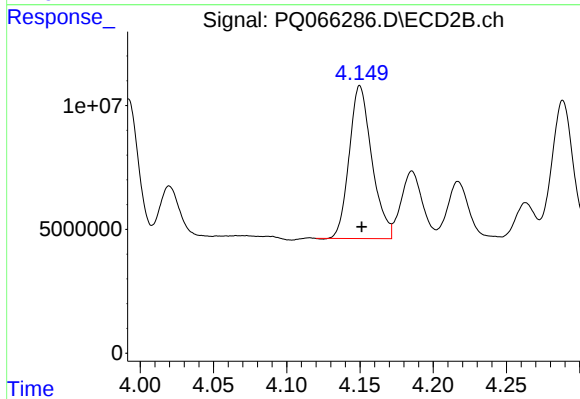
#23 AR-1248-3

R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 55185193
Conc: 261.42 ng/ml



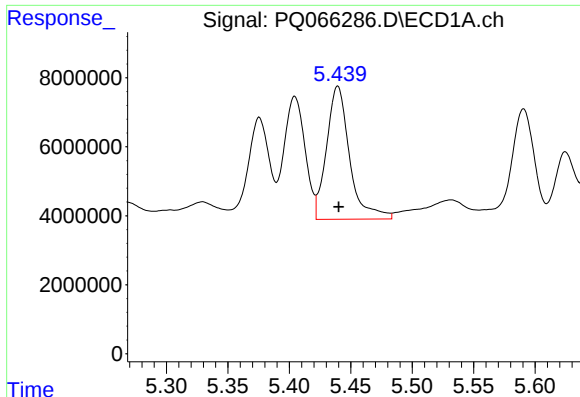
#24 AR-1248-4

R.T.: 5.404 min
Delta R.T.: -0.001 min
Response: 42747436
Conc: 287.68 ng/ml



#24 AR-1248-4

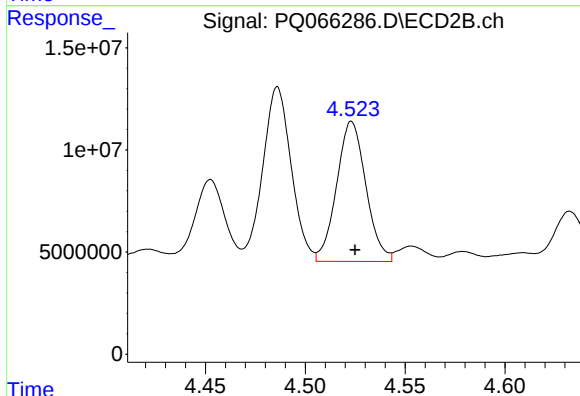
R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 66359052
Conc: 255.29 ng/ml



#25 AR-1248-5

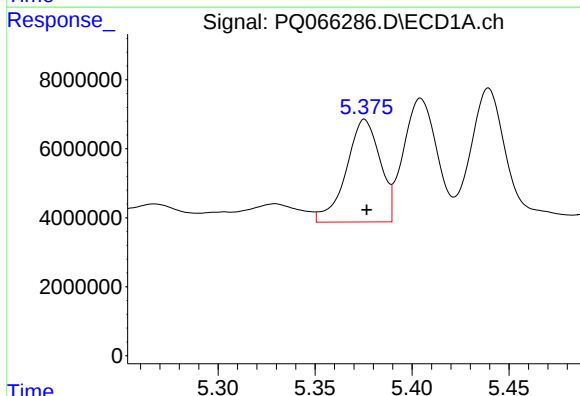
R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 50522172
Conc: 335.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



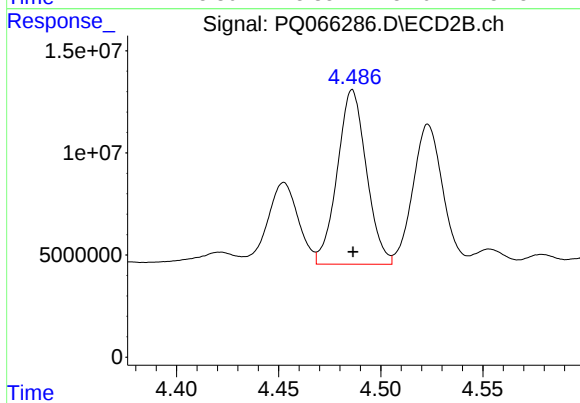
#25 AR-1248-5

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 69976973
Conc: 270.99 ng/ml



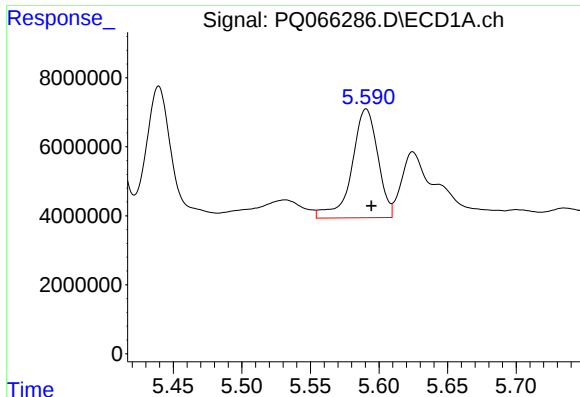
#26 AR-1254-1

R.T.: 5.376 min
Delta R.T.: -0.001 min
Response: 36054208
Conc: 233.77 ng/ml



#26 AR-1254-1

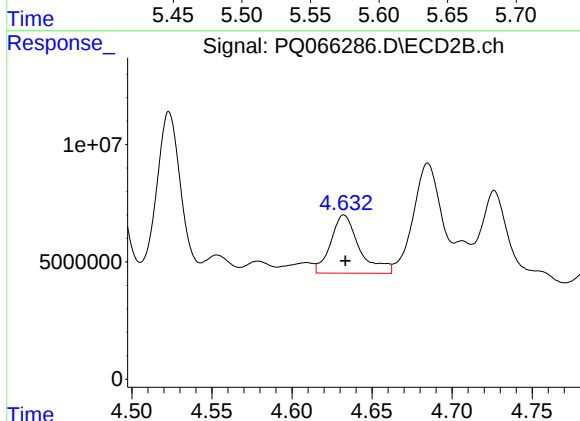
R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 84789884
Conc: 216.43 ng/ml



#27 AR-1254-2

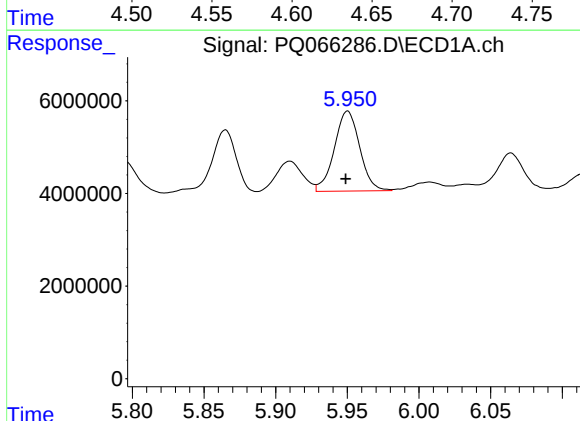
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 41593362
Conc: 176.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



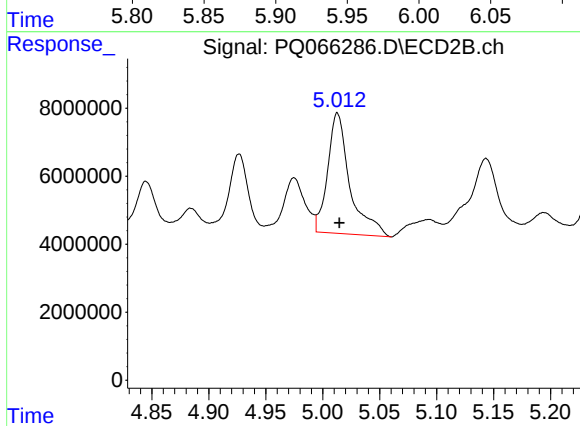
#27 AR-1254-2

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 30992647
Conc: 90.31 ng/ml



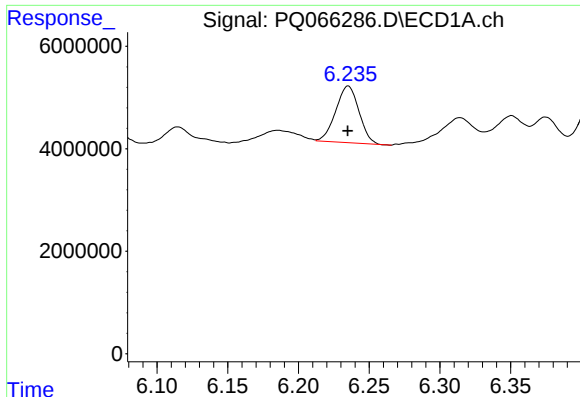
#28 AR-1254-3

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 21329116
Conc: 88.96 ng/ml



#28 AR-1254-3

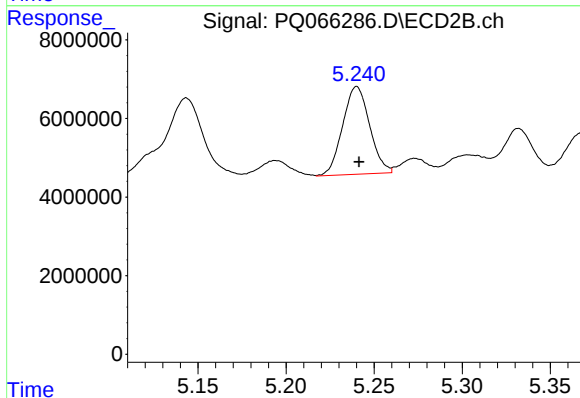
R.T.: 5.013 min
Delta R.T.: -0.002 min
Response: 48180262
Conc: 88.92 ng/ml



#29 AR-1254-4

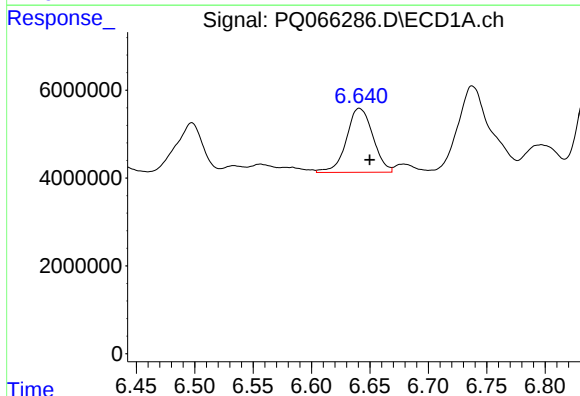
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 12662125
Conc: 73.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



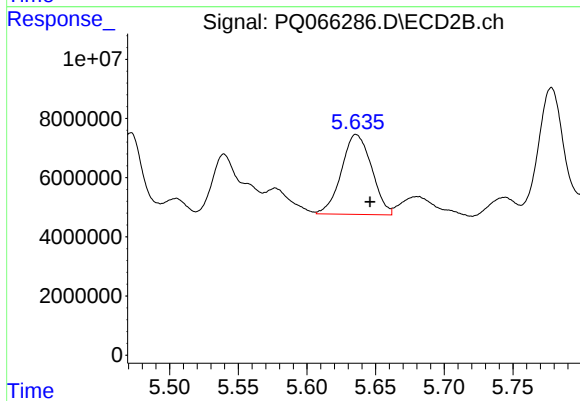
#29 AR-1254-4

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 23809580
Conc: 68.12 ng/ml



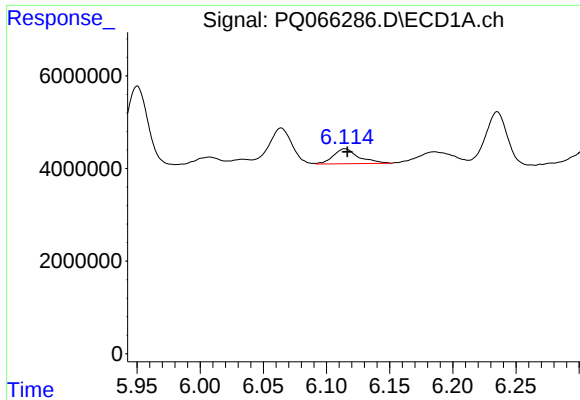
#30 AR-1254-5

R.T.: 6.641 min
Delta R.T.: -0.009 min
Response: 23022648
Conc: 124.68 ng/ml



#30 AR-1254-5

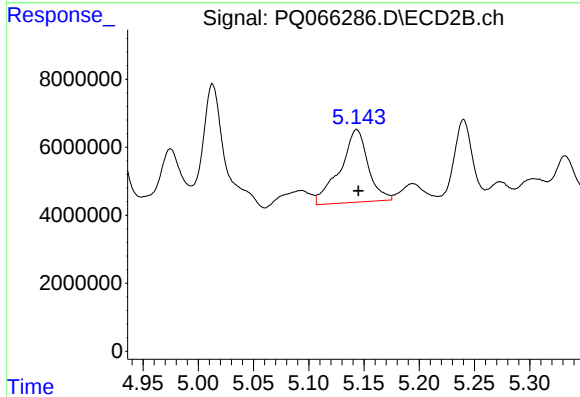
R.T.: 5.636 min
Delta R.T.: -0.010 min
Response: 41396460
Conc: 83.29 ng/ml



#31 AR-1260-1

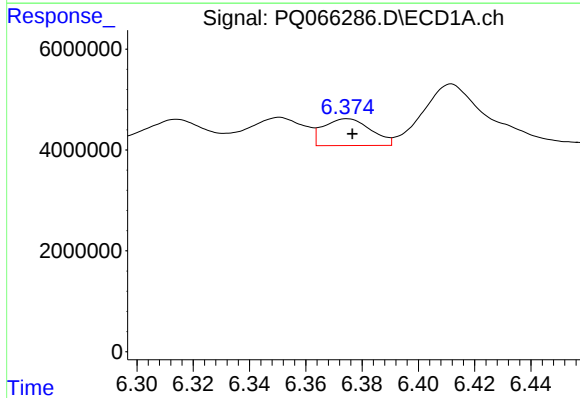
R.T.: 6.115 min
Delta R.T.: -0.002 min
Response: 4533911
Conc: 23.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



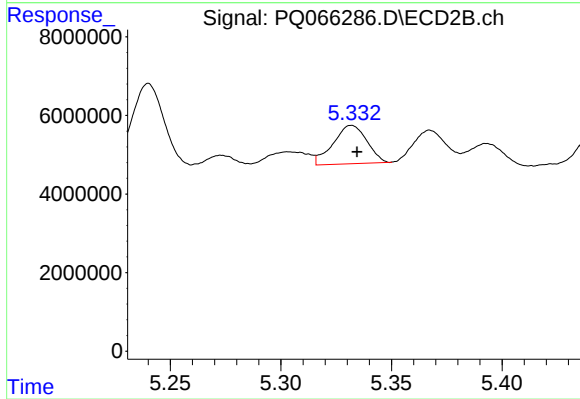
#31 AR-1260-1

R.T.: 5.143 min
Delta R.T.: -0.001 min
Response: 37703333
Conc: 95.98 ng/ml



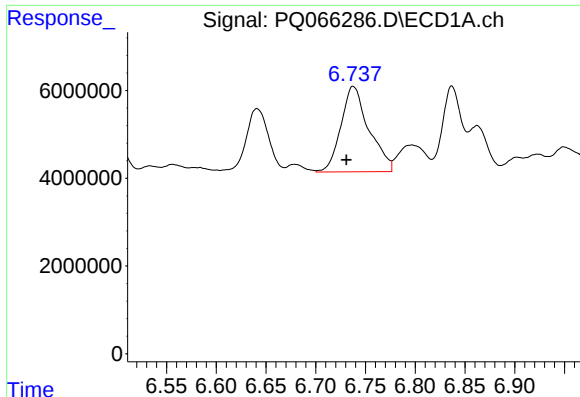
#32 AR-1260-2

R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 6215251
Conc: 28.03 ng/ml



#32 AR-1260-2

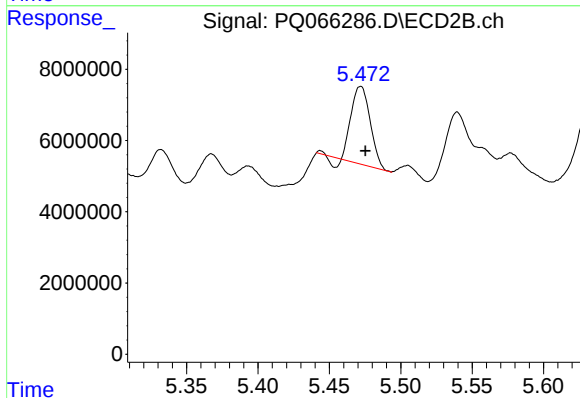
R.T.: 5.332 min
Delta R.T.: -0.002 min
Response: 10399045
Conc: 21.68 ng/ml



#33 AR-1260-3

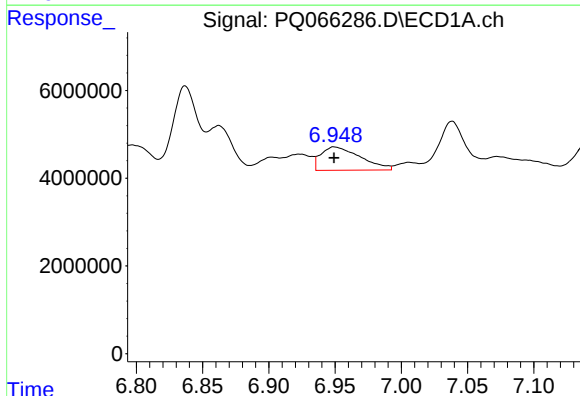
R.T.: 6.738 min
Delta R.T.: 0.007 min
Response: 38209649
Conc: 235.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



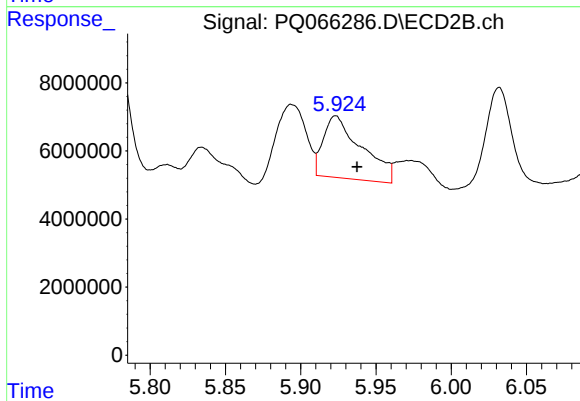
#33 AR-1260-3

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 19614954
Conc: 43.84 ng/ml



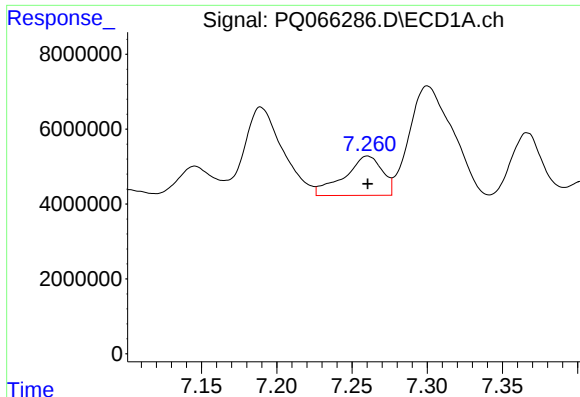
#34 AR-1260-4

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 11086093
Conc: 60.15 ng/ml



#34 AR-1260-4

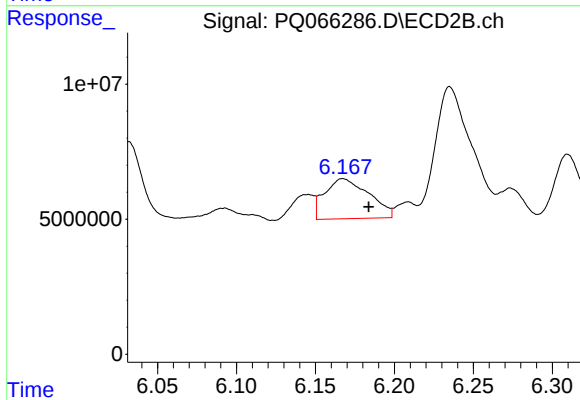
R.T.: 5.923 min
Delta R.T.: -0.014 min
Response: 32276072
Conc: 87.84 ng/ml



#35 AR-1260-5

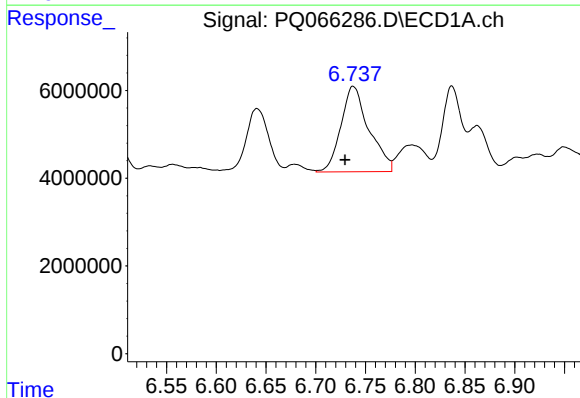
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 18523094
Conc: 54.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



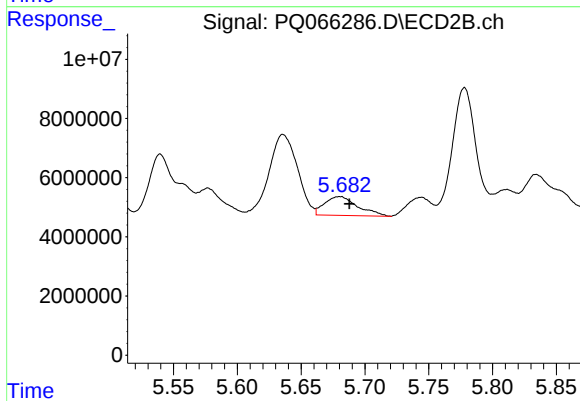
#35 AR-1260-5

R.T.: 6.167 min
Delta R.T.: -0.016 min
Response: 28917750
Conc: 34.33 ng/ml



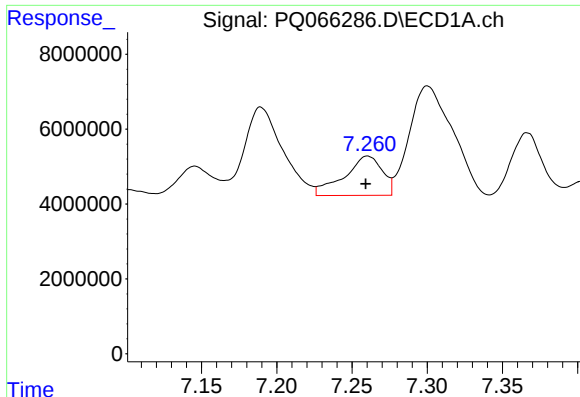
#36 AR-1262-1

R.T.: 6.738 min
Delta R.T.: 0.008 min
Response: 38209649
Conc: 168.27 ng/ml



#36 AR-1262-1

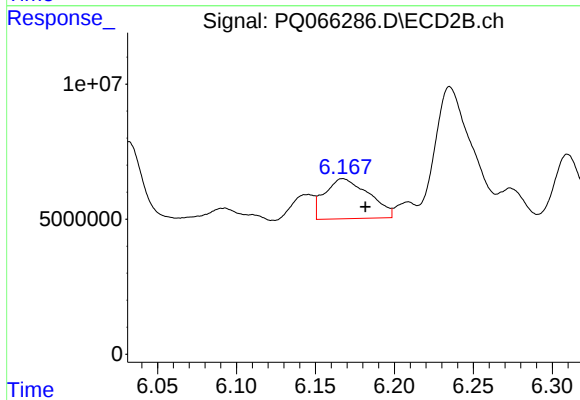
R.T.: 5.680 min
Delta R.T.: -0.007 min
Response: 11513494
Conc: 21.74 ng/ml



#37 AR-1262-2

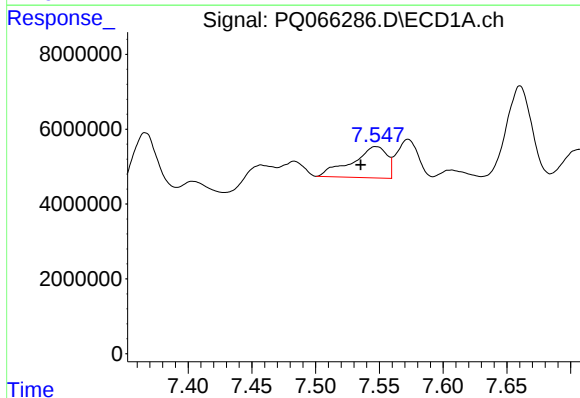
R.T.: 7.260 min
Delta R.T.: 0.001 min
Response: 18523094
Conc: 49.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



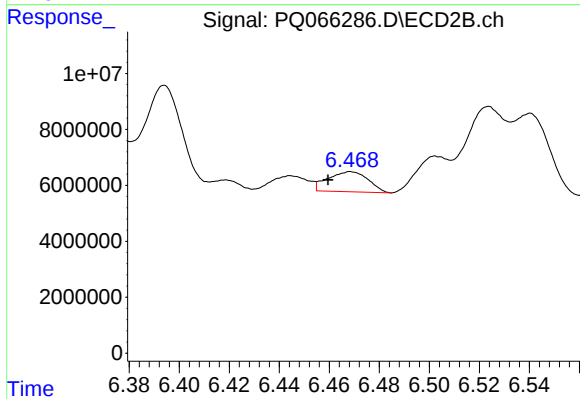
#37 AR-1262-2

R.T.: 6.167 min
Delta R.T.: -0.014 min
Response: 28917750
Conc: 30.79 ng/ml



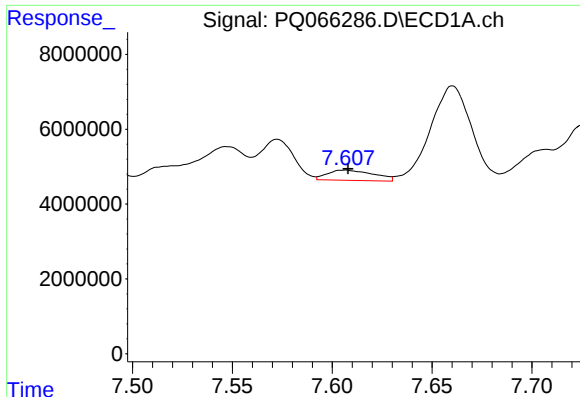
#38 AR-1262-3

R.T.: 7.547 min
Delta R.T.: 0.012 min
Response: 15973277
Conc: 65.49 ng/ml



#38 AR-1262-3

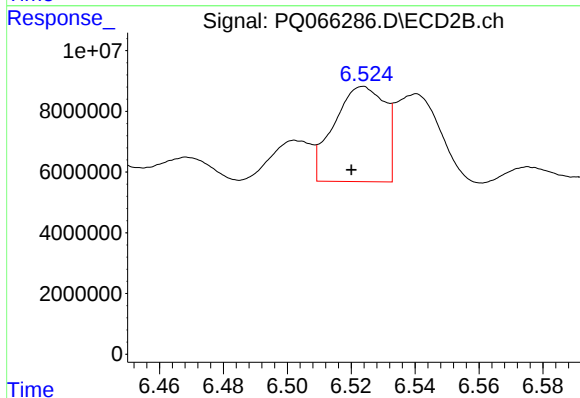
R.T.: 6.469 min
Delta R.T.: 0.009 min
Response: 8051719
Conc: 20.94 ng/ml



#39 AR-1262-4

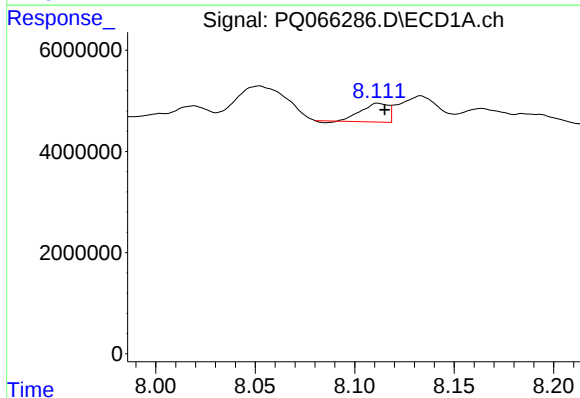
R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 4409203
Conc: 23.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



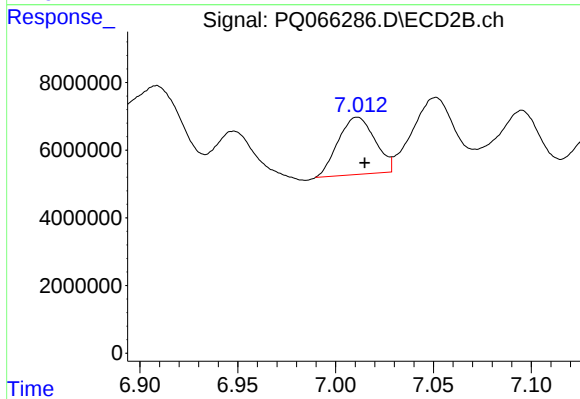
#39 AR-1262-4

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 34620882
Conc: 48.88 ng/ml



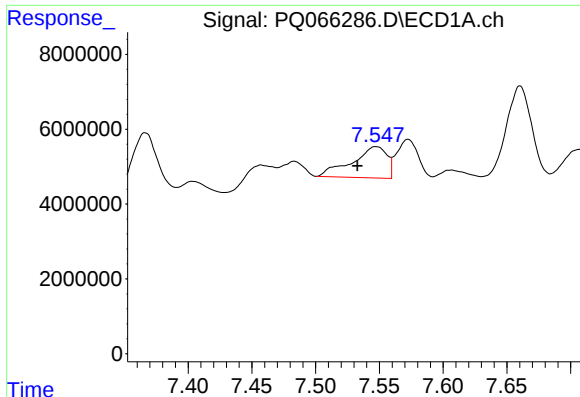
#40 AR-1262-5

R.T.: 8.112 min
Delta R.T.: -0.003 min
Response: 3445907
Conc: 27.51 ng/ml



#40 AR-1262-5

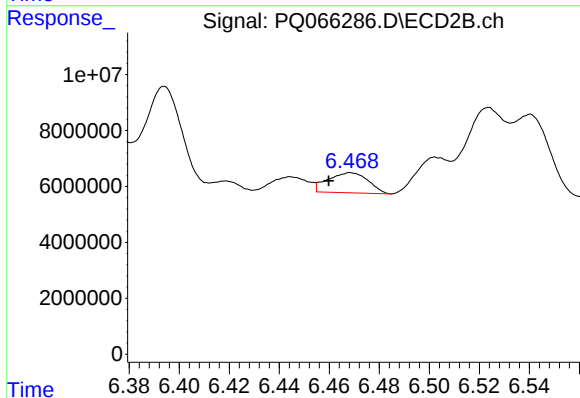
R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 22150120
Conc: 67.60 ng/ml



#41 AR-1268-1

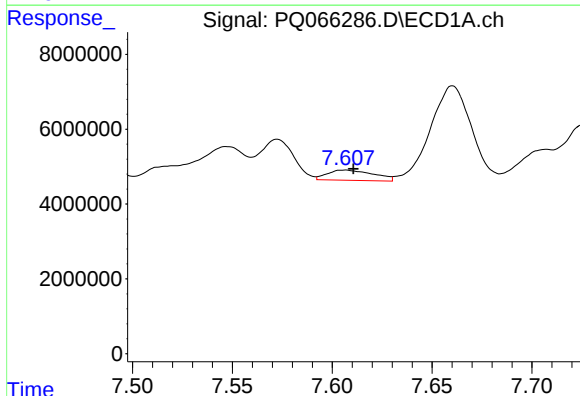
R.T.: 7.547 min
Delta R.T.: 0.015 min
Response: 15973277
Conc: 37.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



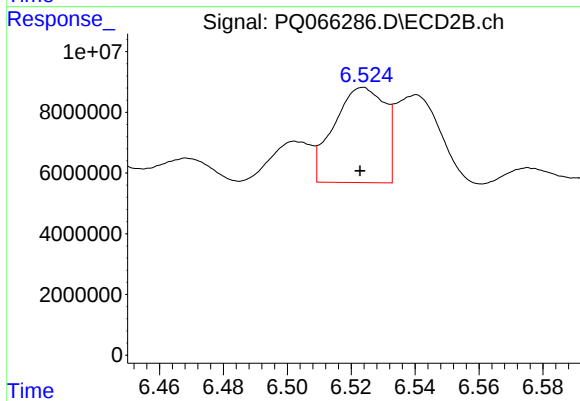
#41 AR-1268-1

R.T.: 6.469 min
Delta R.T.: 0.009 min
Response: 8051719
Conc: 7.37 ng/ml



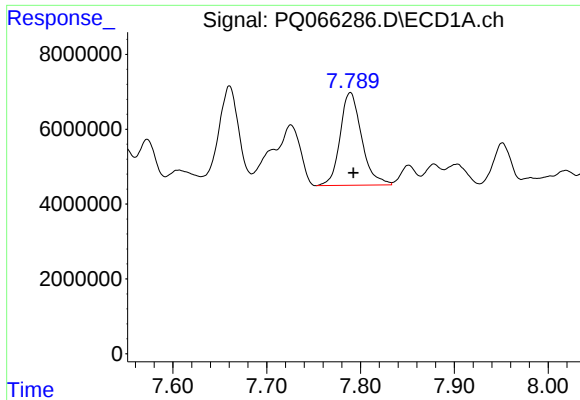
#42 AR-1268-2

R.T.: 7.606 min
Delta R.T.: -0.004 min
Response: 4409203
Conc: 11.32 ng/ml



#42 AR-1268-2

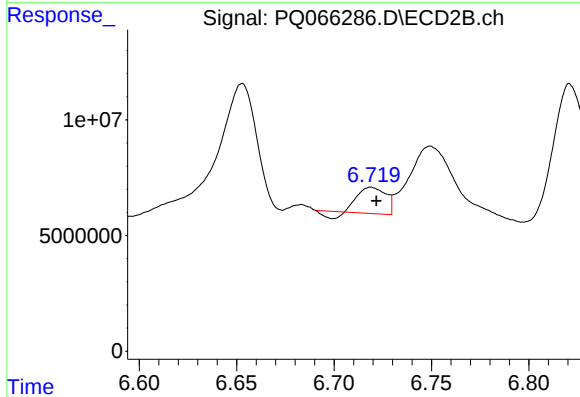
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 34620882
Conc: 34.73 ng/ml



#43 AR-1268-3

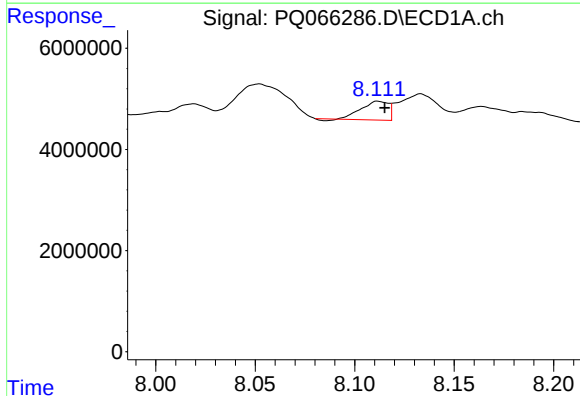
R.T.: 7.789 min
Delta R.T.: -0.003 min
Response: 39510137
Conc: 122.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



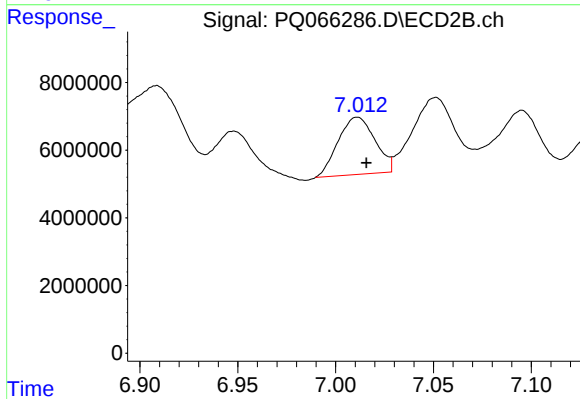
#43 AR-1268-3

R.T.: 6.719 min
Delta R.T.: -0.003 min
Response: 9981162
Conc: 11.57 ng/ml



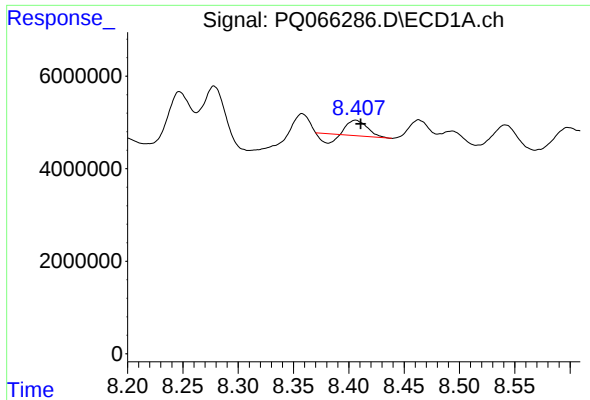
#44 AR-1268-4

R.T.: 8.112 min
Delta R.T.: -0.003 min
Response: 3445907
Conc: 24.91 ng/ml



#44 AR-1268-4

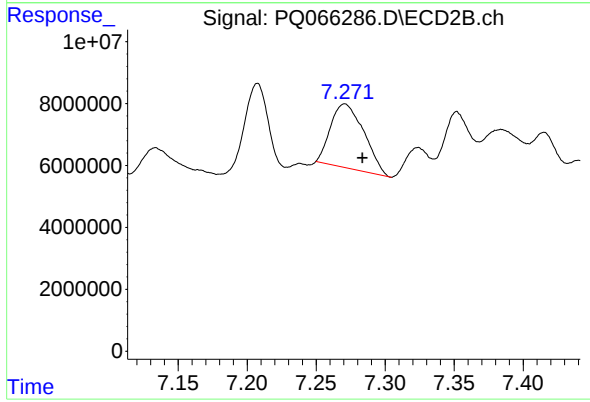
R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 22150120
Conc: 61.19 ng/ml



#45 AR-1268-5

R.T.: 8.406 min
Delta R.T.: -0.005 min
Response: 2633481
Conc: 2.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.271 min
Delta R.T.: -0.013 min
Response: 34748585
Conc: 13.61 ng/ml