

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092421\
 Data File : PQ054727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2021 11:26
 Operator : AJ\MA
 Sample : M3911-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 13:10:53 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...	5.199	4.205	359.2E6	212.5E6	15.040	16.075
2)	SA Decachlor...	11.368	9.538	217.7E6	982.8E6	12.900	72.521 #
Target Compounds							
3)	L1 AR-1016-1	6.497f	5.452f	124.3E6	25805823	150.727	56.861 #
4)	L1 AR-1016-2	0.000	5.515f	0	9002559	N.D.	12.685 #
5)	L1 AR-1016-3	6.639f	0.000	33499982	0	44.250	N.D. #
6)	L1 AR-1016-4	0.000	5.741	0	40305448	N.D.	145.115 #
7)	L1 AR-1016-5	7.027	5.947	83211075	34040765	146.463	98.619 #
8)	L2 AR-1221-1	5.464	0.000	151.5E6	0	588.051	N.D. #
9)	L2 AR-1221-2	5.563	4.535f	2247.0E6	144.2E6	11754.759	1512.966 #
10)	L2 AR-1221-3	5.657f	4.634f	203.0E6	475.5E6	338.739	1488.515 #
11)	L3 AR-1232-1	5.657f	4.634f	203.0E6	475.5E6	438.749	1987.682 #
12)	L3 AR-1232-2	6.216	5.515f	55241316	9002559	195.162	28.998 #
14)	L3 AR-1232-4	0.000	5.773	0	35091718	N.D.	277.799 #
15)	L3 AR-1232-5	6.807	5.947	112.8E6	34040765	558.093	234.712 #
16)	L4 AR-1242-1	6.497f	5.452f	124.3E6	25805823	211.068	79.996 #
17)	L4 AR-1242-2	0.000	5.515f	0	9002559	N.D.	17.665 #
18)	L4 AR-1242-3	6.639f	0.000	33499982	0	59.614	N.D. #
19)	L4 AR-1242-4	0.000	5.773	0	35091718	N.D.	138.654 #
20)	L4 AR-1242-5	7.506	6.320f	442.5E6	68701839	945.013	193.375 #
21)	L5 AR-1248-1	6.497f	5.452f	124.3E6	25805823	248.409	98.630 #
22)	L5 AR-1248-2	6.807	5.741	112.8E6	40305448	173.688	113.161 #
23)	L5 AR-1248-3	7.027	5.773	83211075	35091718	116.358	98.682
24)	L5 AR-1248-4	0.000	5.947	0	34040765	N.D.	79.246 #
25)	L5 AR-1248-5	7.506	6.370	442.5E6	255.7E6	551.405	596.903
26)	L6 AR-1254-1	0.000	6.320f	0	68701839	N.D.	90.183 #
27)	L6 AR-1254-2	7.682f	6.516f	361.0E6	38483025	269.906	54.993 #
28)	L6 AR-1254-3	8.062f	6.930	337.5E6	32793320	242.324	29.747 #
29)	L6 AR-1254-4	8.364f	7.144	271.7E6	212.6E6	255.065	281.220
30)	L6 AR-1254-5	8.767	7.578	375.0E6	114.7E6	326.290	103.683 #
31)	L7 AR-1260-1	8.202	7.048	1001.2E6	27622250	1008.916	36.782 #
32)	L7 AR-1260-2	8.455f	7.275f	589.3E6	108.9E6	500.841	105.268 #
33)	L7 AR-1260-3	8.835	7.415	168.6E6	443.1E6	220.147	501.161 #
34)	L7 AR-1260-4	9.077	7.866f	359.5E6	58948284	384.907	85.189 #
35)	L7 AR-1260-5	9.399f	8.131	154.6E6	97576126	83.886	51.051 #
36)	L8 AR-1262-1	8.835	7.578	168.6E6	114.7E6	143.495	222.087 #
37)	L8 AR-1262-2	9.399f	8.131	154.6E6	97576126	71.302	44.054 #
38)	L8 AR-1262-3	9.755	8.405f	148.9E6	52283667	167.165	58.925 #
39)	L8 AR-1262-4	9.839f	8.472	53260535	124.7E6	94.414	81.990
40)	L8 AR-1262-5	10.572	8.972	223.8E6	19429364	291.233	28.290 #
41)	L9 AR-1268-1	9.755	8.405f	148.9E6	52283667	59.371	19.263 #
42)	L9 AR-1268-2	9.839f	8.472f	53260535	124.7E6	23.287	54.124 #

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Instrument :
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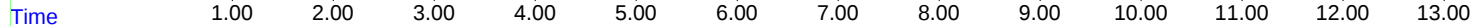
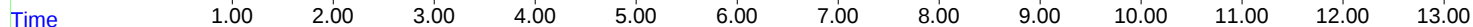
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

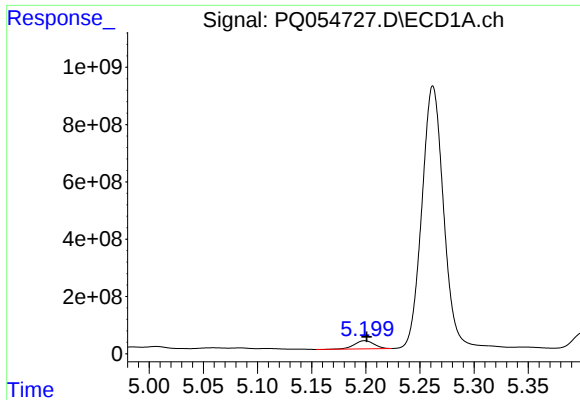
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	10.101	8.673f	499.4E6	18758271	260.013	9.308 #
44)	L9 AR-1268-4	10.572	8.972f	223.8E6	19429364	262.292	24.993 #

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

Instrument :
ECD_Q
ClientSampleId :

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

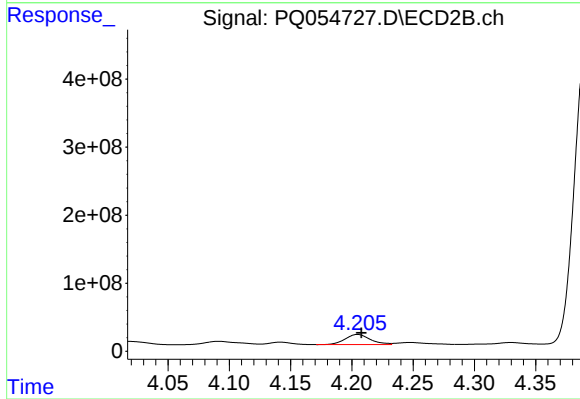




#1 Tetrachloro-m-xylene

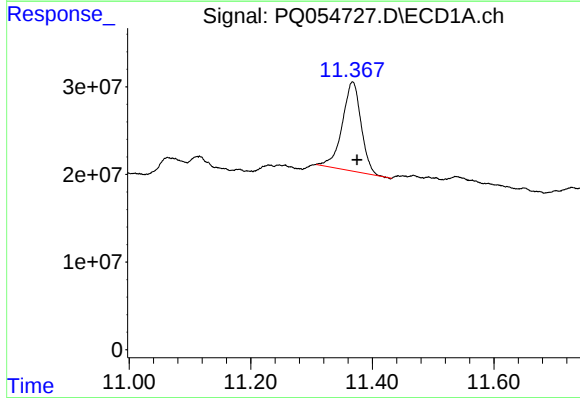
R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 359187390
Conc: 15.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



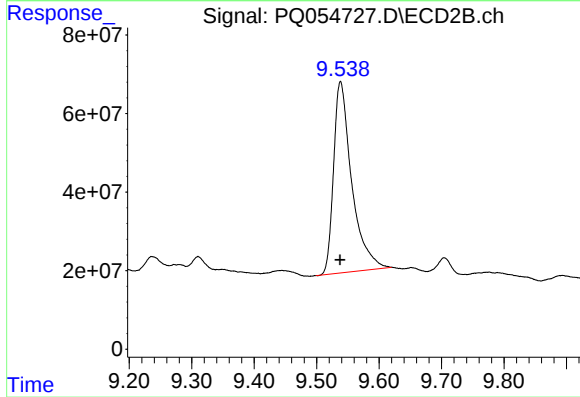
#1 Tetrachloro-m-xylene

R.T.: 4.205 min
Delta R.T.: -0.003 min
Response: 212507000
Conc: 16.07 ng/ml



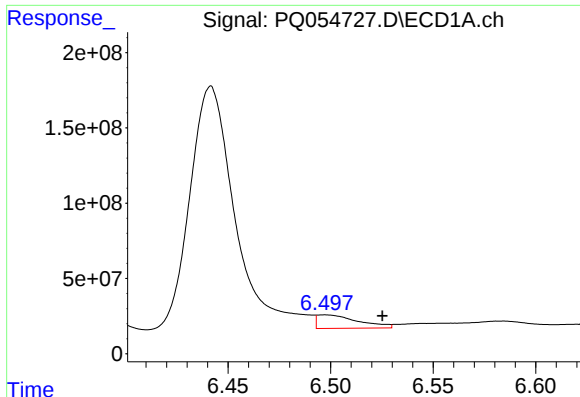
#2 Decachlorobiphenyl

R.T.: 11.368 min
Delta R.T.: -0.007 min
Response: 217732410
Conc: 12.90 ng/ml



#2 Decachlorobiphenyl

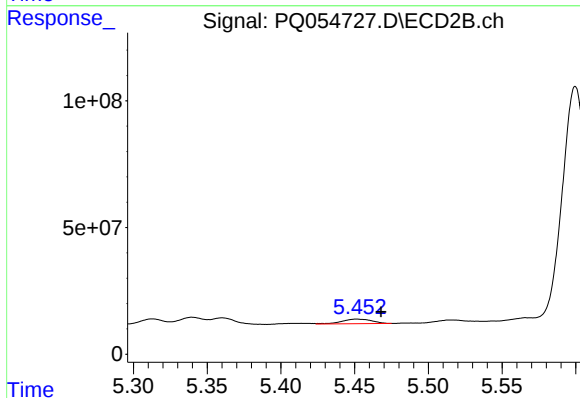
R.T.: 9.538 min
Delta R.T.: 0.000 min
Response: 982807338
Conc: 72.52 ng/ml



#3 AR-1016-1

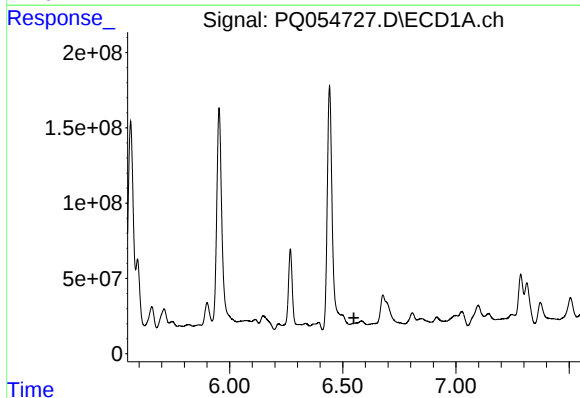
R.T.: 6.497 min
Delta R.T.: -0.028 min
Response: 124329088
Conc: 150.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



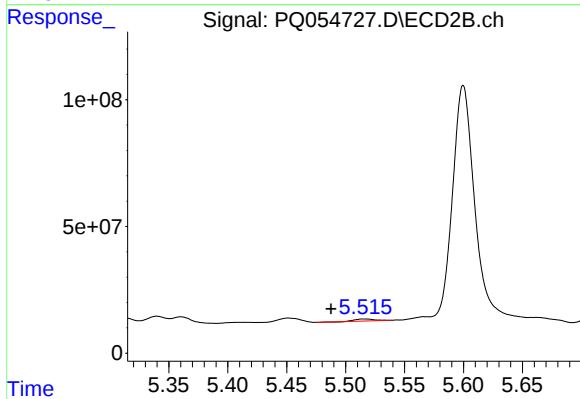
#3 AR-1016-1

R.T.: 5.452 min
Delta R.T.: -0.016 min
Response: 25805823
Conc: 56.86 ng/ml



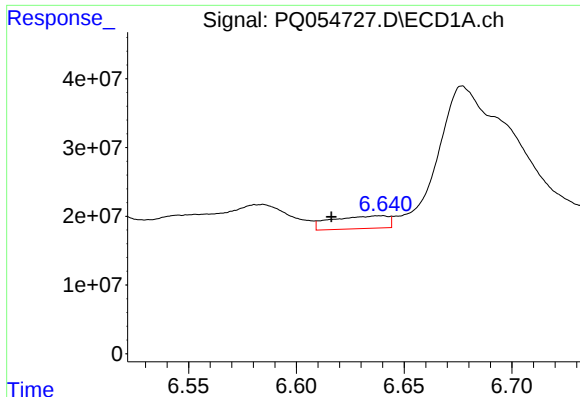
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.549 min
Response: 0
Conc: N.D.



#4 AR-1016-2

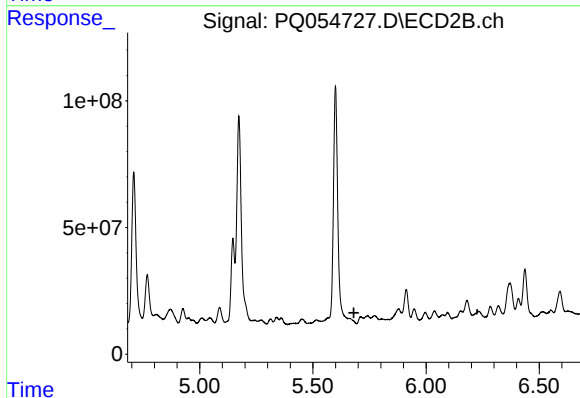
R.T.: 5.515 min
Delta R.T.: 0.028 min
Response: 9002559
Conc: 12.69 ng/ml



#5 AR-1016-3

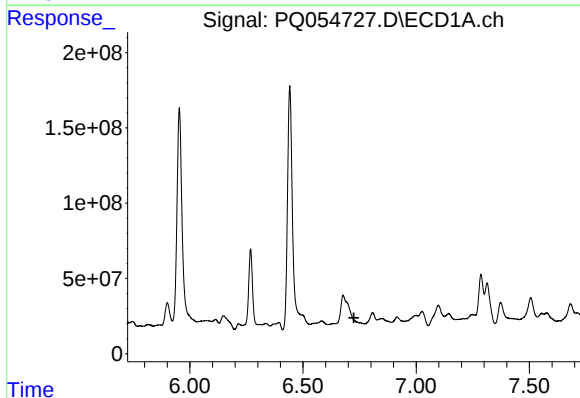
R.T.: 6.639 min
Delta R.T.: 0.023 min
Response: 33499982
Conc: 44.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



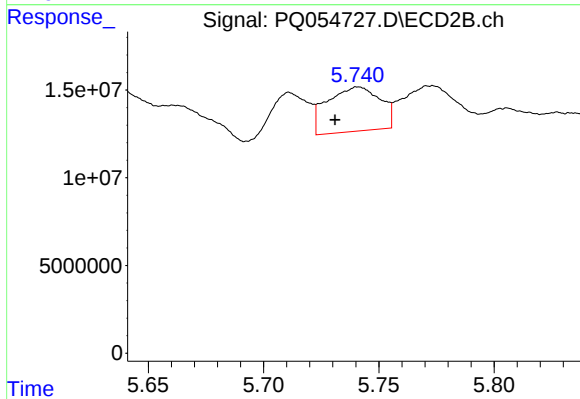
#5 AR-1016-3

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



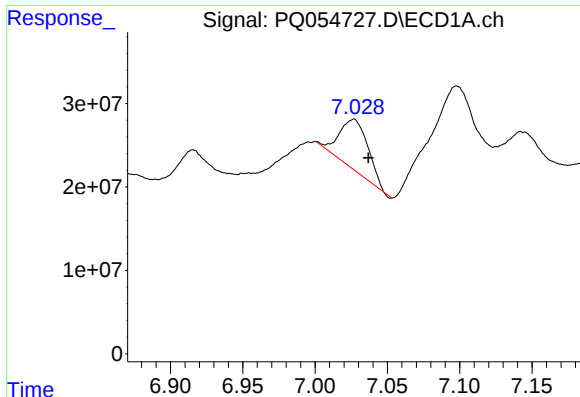
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.725 min
Response: 0
Conc: N.D.



#6 AR-1016-4

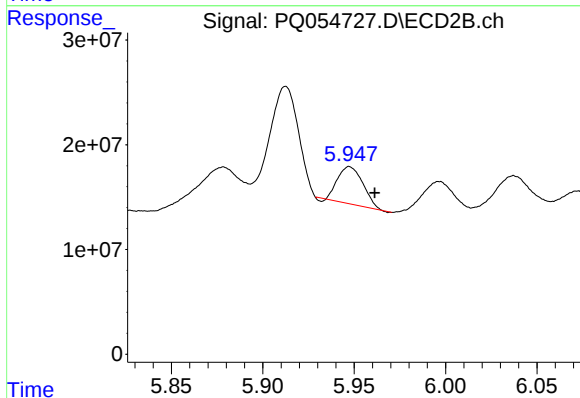
R.T.: 5.741 min
Delta R.T.: 0.010 min
Response: 40305448
Conc: 145.11 ng/ml



#7 AR-1016-5

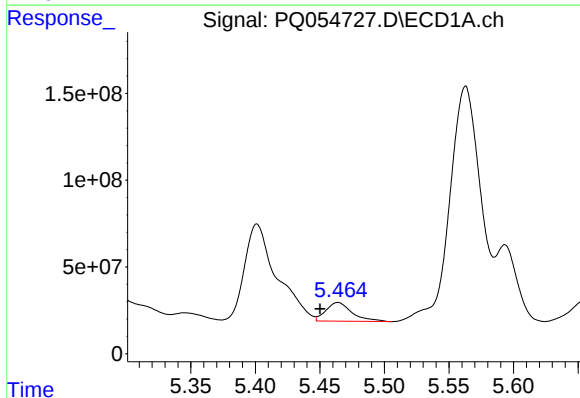
R.T.: 7.027 min
Delta R.T.: -0.010 min
Response: 83211075
Conc: 146.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



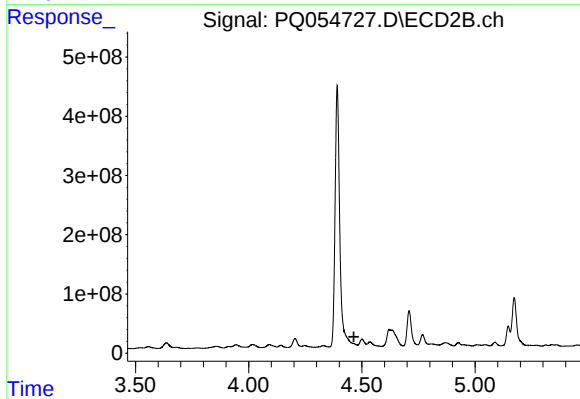
#7 AR-1016-5

R.T.: 5.947 min
Delta R.T.: -0.014 min
Response: 34040765
Conc: 98.62 ng/ml



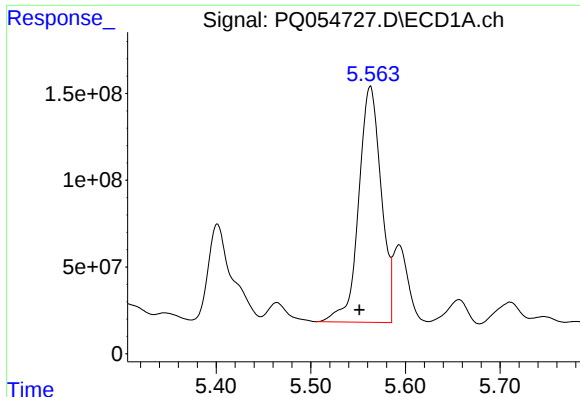
#8 AR-1221-1

R.T.: 5.464 min
Delta R.T.: 0.014 min
Response: 151490986
Conc: 588.05 ng/ml



#8 AR-1221-1

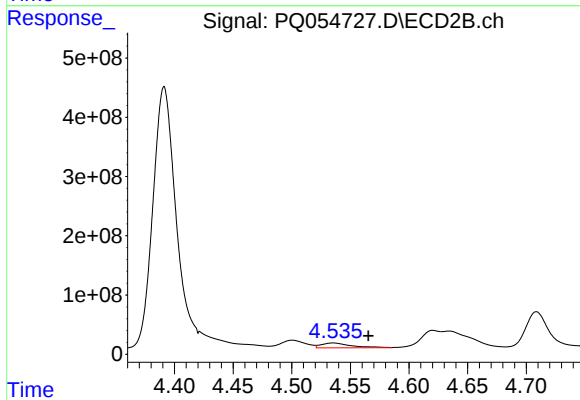
R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

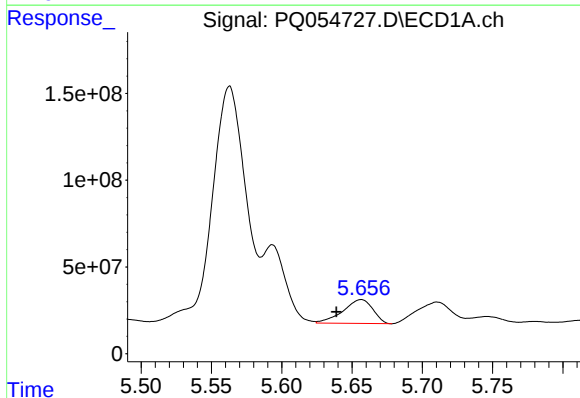
R.T.: 5.563 min
Delta R.T.: 0.012 min
Response: 2246965738
Conc: 11754.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



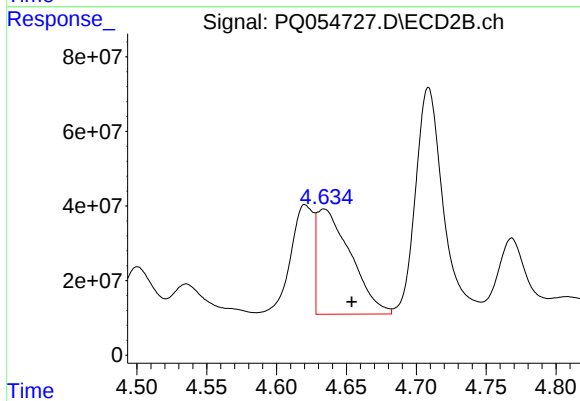
#9 AR-1221-2

R.T.: 4.535 min
Delta R.T.: -0.030 min
Response: 144151199
Conc: 1512.97 ng/ml



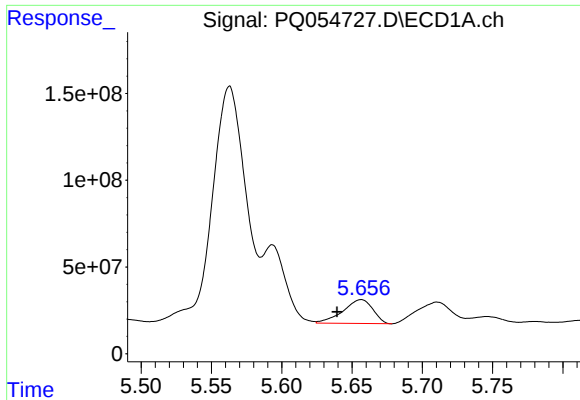
#10 AR-1221-3

R.T.: 5.657 min
Delta R.T.: 0.018 min
Response: 203020919
Conc: 338.74 ng/ml



#10 AR-1221-3

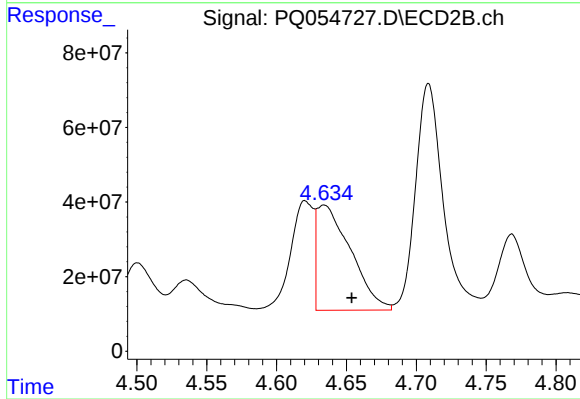
R.T.: 4.634 min
Delta R.T.: -0.020 min
Response: 475499909
Conc: 1488.51 ng/ml



#11 AR-1232-1

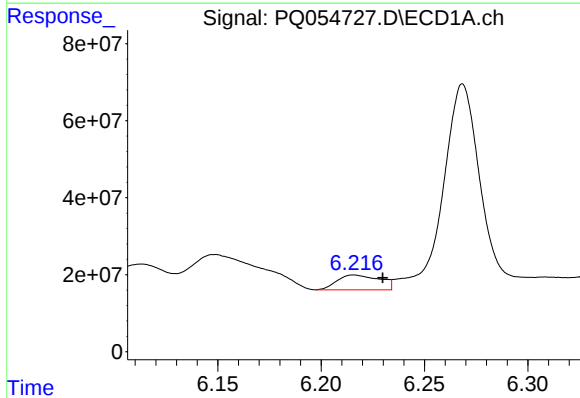
R.T.: 5.657 min
Delta R.T.: 0.017 min
Response: 203020919
Conc: 438.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



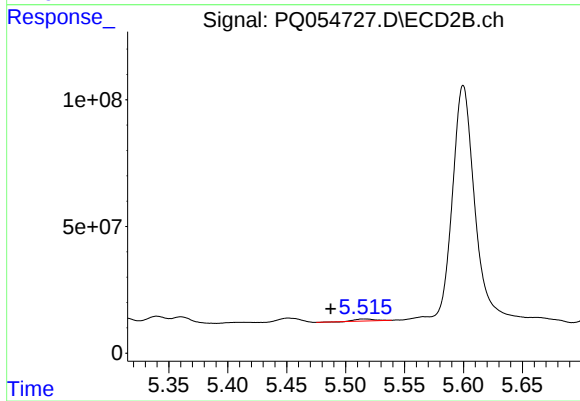
#11 AR-1232-1

R.T.: 4.634 min
Delta R.T.: -0.020 min
Response: 475499909
Conc: 1987.68 ng/ml



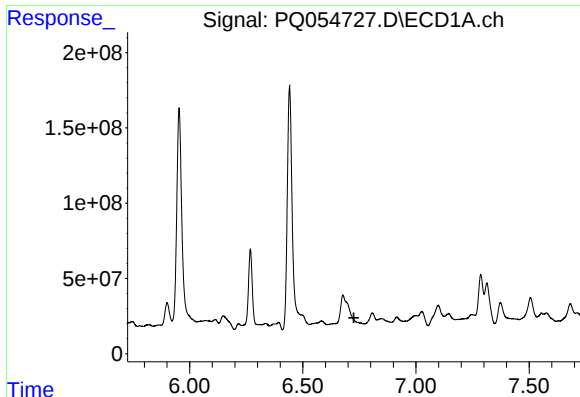
#12 AR-1232-2

R.T.: 6.216 min
Delta R.T.: -0.014 min
Response: 55241316
Conc: 195.16 ng/ml



#12 AR-1232-2

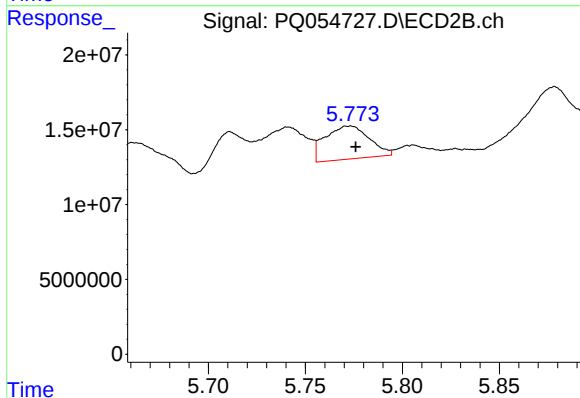
R.T.: 5.515 min
Delta R.T.: 0.028 min
Response: 9002559
Conc: 29.00 ng/ml



#14 AR-1232-4

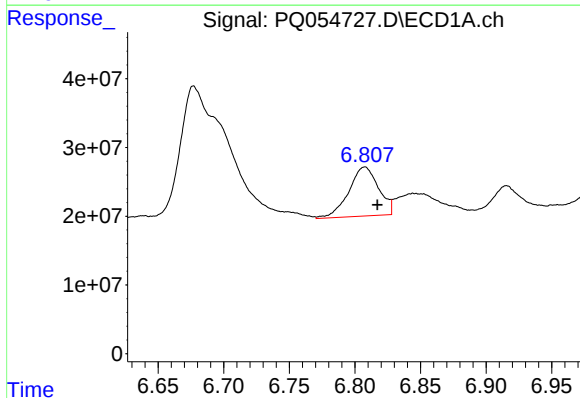
R.T.: 0.000 min
Exp R.T.: 6.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



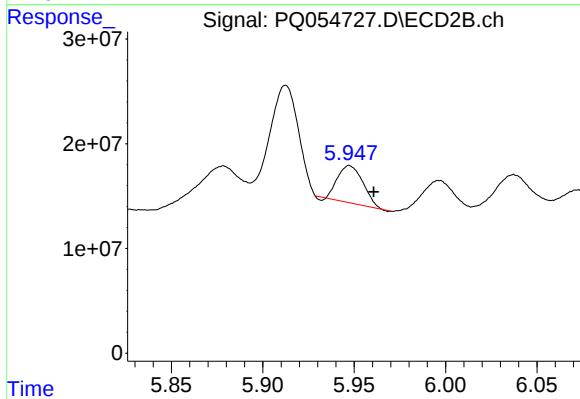
#14 AR-1232-4

R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 35091718
Conc: 277.80 ng/ml



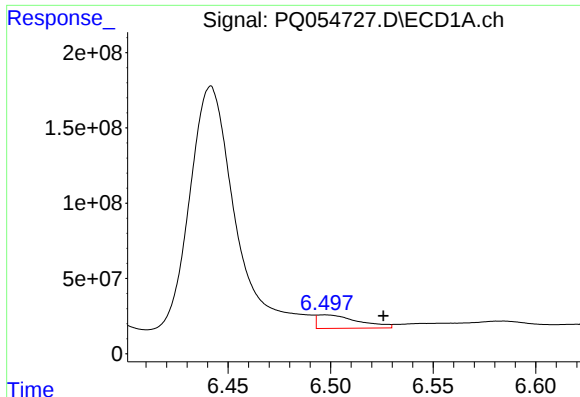
#15 AR-1232-5

R.T.: 6.807 min
Delta R.T.: -0.010 min
Response: 112843428
Conc: 558.09 ng/ml



#15 AR-1232-5

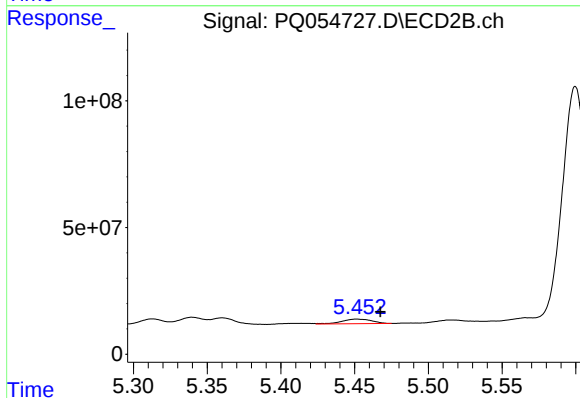
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 34040765
Conc: 234.71 ng/ml



#16 AR-1242-1

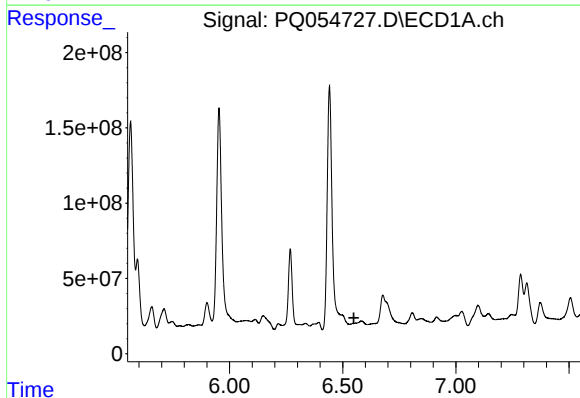
R.T.: 6.497 min
Delta R.T.: -0.028 min
Response: 124329088
Conc: 211.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



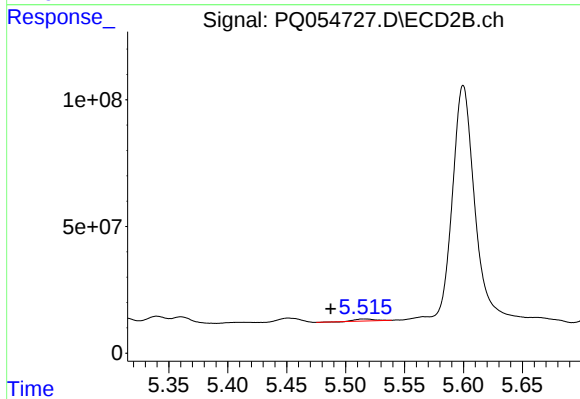
#16 AR-1242-1

R.T.: 5.452 min
Delta R.T.: -0.016 min
Response: 25805823
Conc: 80.00 ng/ml



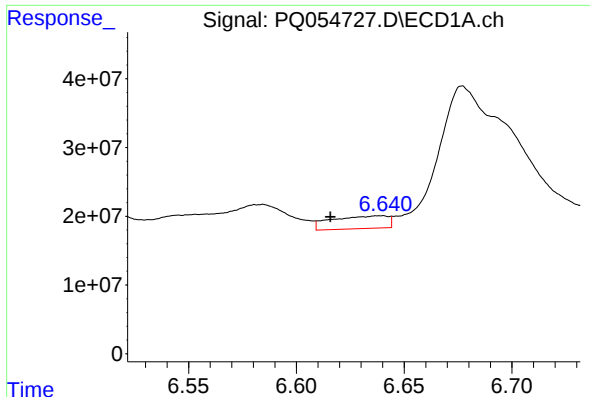
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.549 min
Response: 0
Conc: N.D.



#17 AR-1242-2

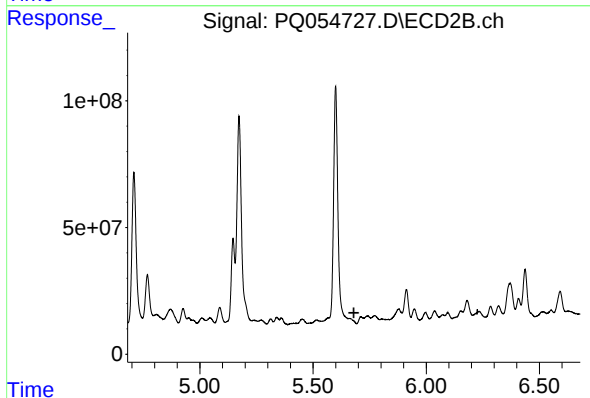
R.T.: 5.515 min
Delta R.T.: 0.028 min
Response: 9002559
Conc: 17.67 ng/ml



#18 AR-1242-3

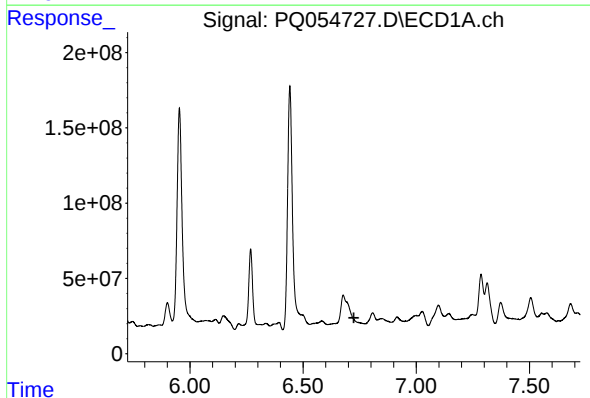
R.T.: 6.639 min
Delta R.T.: 0.023 min
Response: 33499982
Conc: 59.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



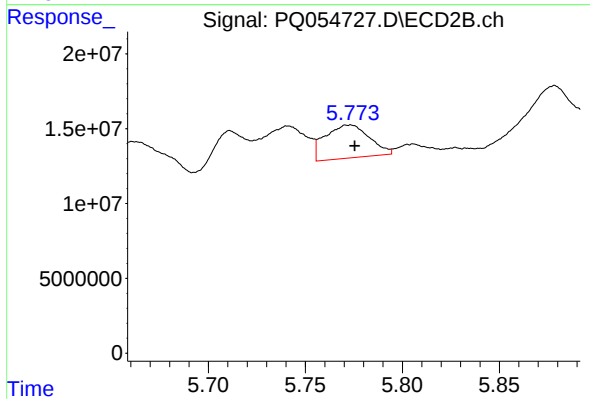
#18 AR-1242-3

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



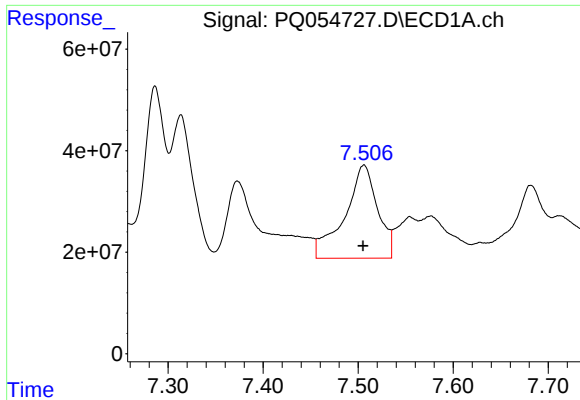
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.724 min
Response: 0
Conc: N.D.



#19 AR-1242-4

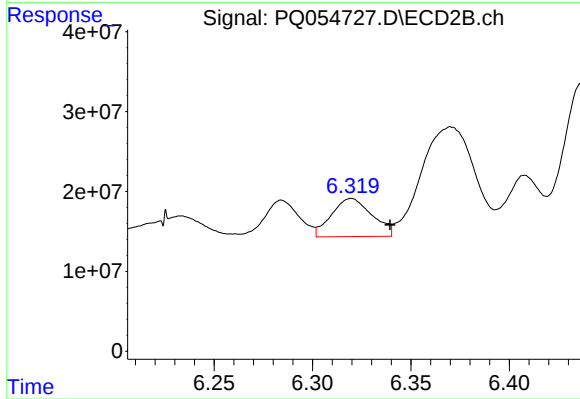
R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 35091718
Conc: 138.65 ng/ml



#20 AR-1242-5

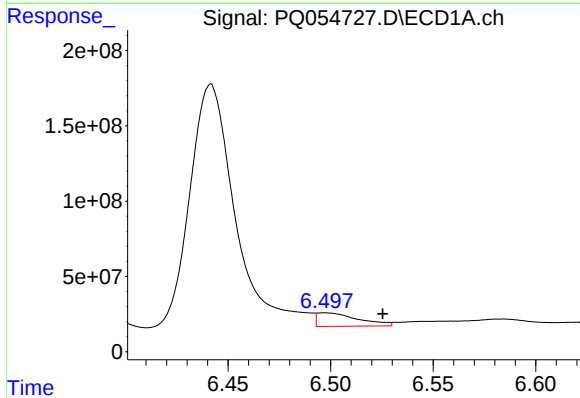
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 442481700
Conc: 945.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



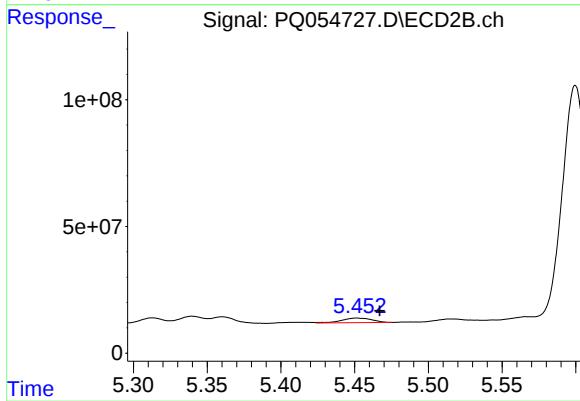
#20 AR-1242-5

R.T.: 6.320 min
Delta R.T.: -0.020 min
Response: 68701839
Conc: 193.38 ng/ml



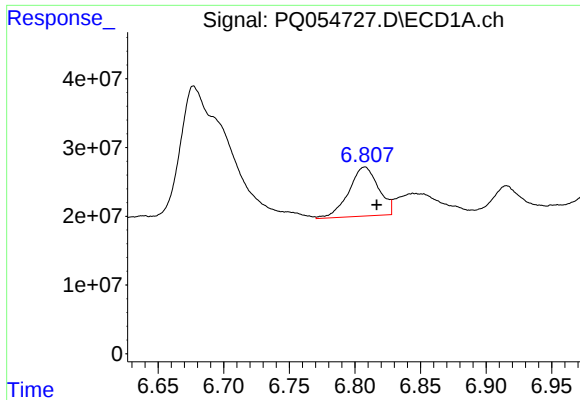
#21 AR-1248-1

R.T.: 6.497 min
Delta R.T.: -0.028 min
Response: 124329088
Conc: 248.41 ng/ml



#21 AR-1248-1

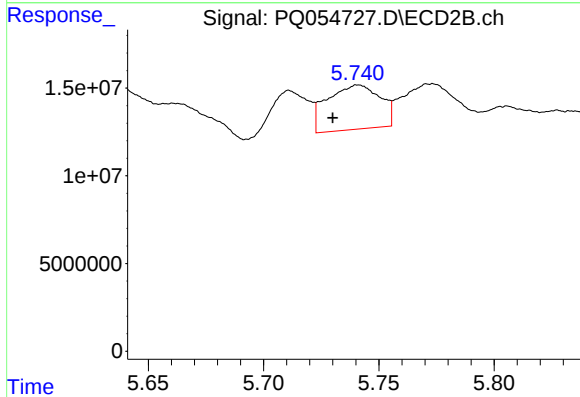
R.T.: 5.452 min
Delta R.T.: -0.015 min
Response: 25805823
Conc: 98.63 ng/ml



#22 AR-1248-2

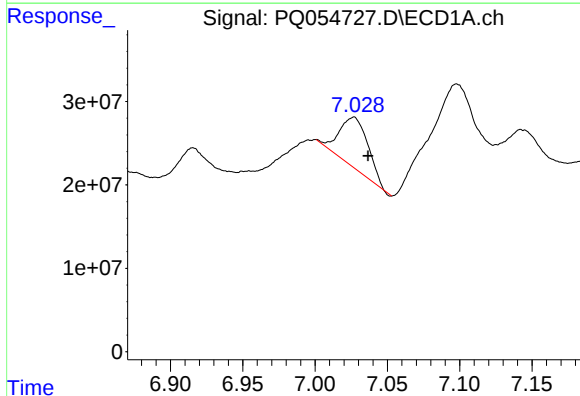
R.T.: 6.807 min
Delta R.T.: -0.009 min
Response: 112843428
Conc: 173.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



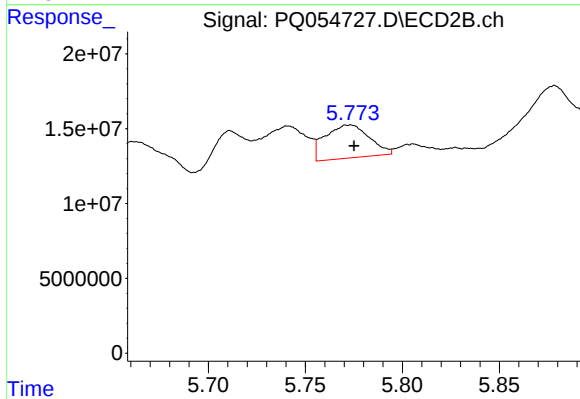
#22 AR-1248-2

R.T.: 5.741 min
Delta R.T.: 0.011 min
Response: 40305448
Conc: 113.16 ng/ml



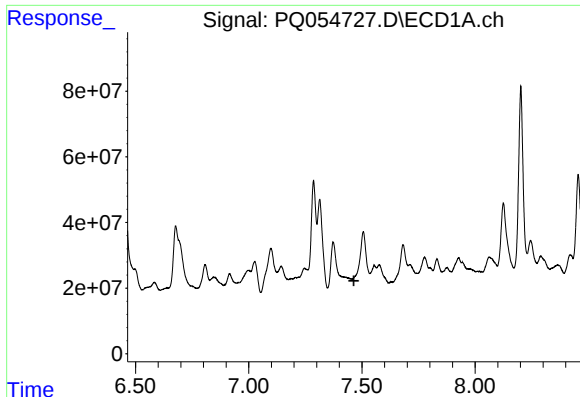
#23 AR-1248-3

R.T.: 7.027 min
Delta R.T.: -0.010 min
Response: 83211075
Conc: 116.36 ng/ml



#23 AR-1248-3

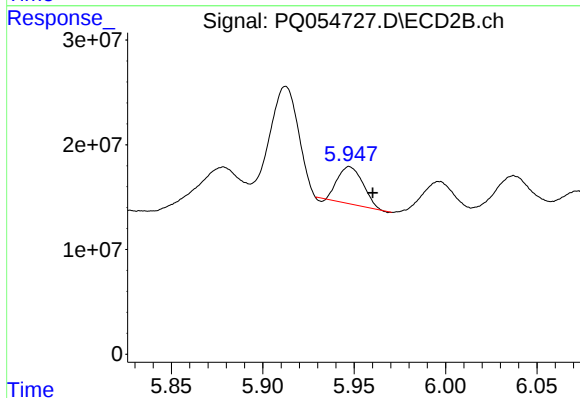
R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 35091718
Conc: 98.68 ng/ml



#24 AR-1248-4

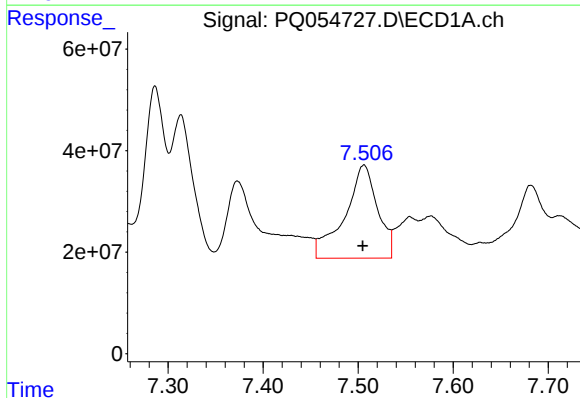
R.T.: 0.000 min
Exp R.T.: 7.464 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



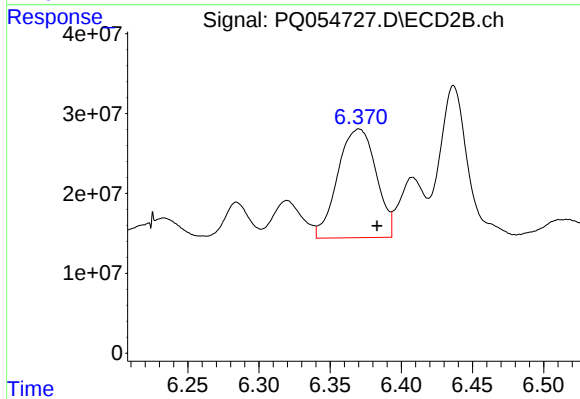
#24 AR-1248-4

R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 34040765
Conc: 79.25 ng/ml



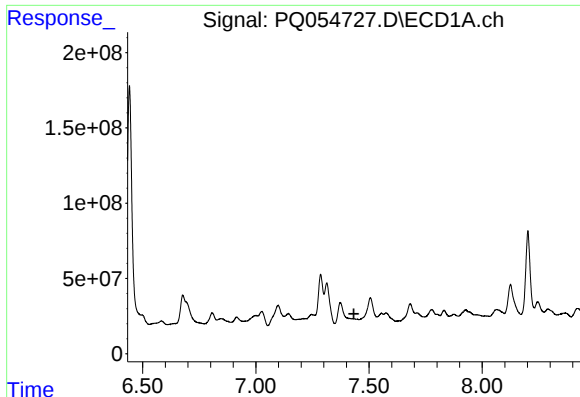
#25 AR-1248-5

R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 442481700
Conc: 551.41 ng/ml



#25 AR-1248-5

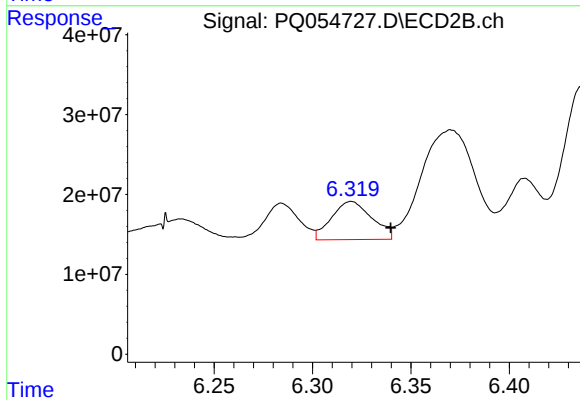
R.T.: 6.370 min
Delta R.T.: -0.013 min
Response: 255727573
Conc: 596.90 ng/ml



#26 AR-1254-1

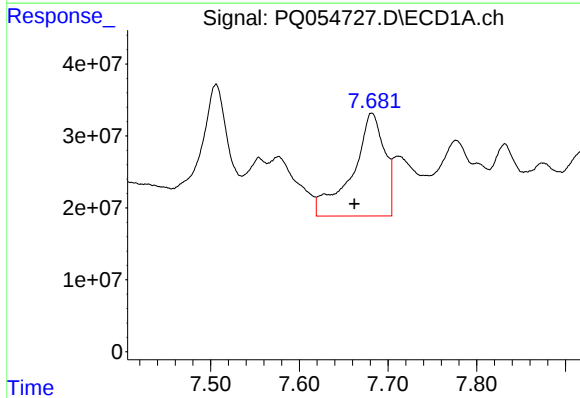
R.T.: 0.000 min
Exp R.T.: 7.433 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



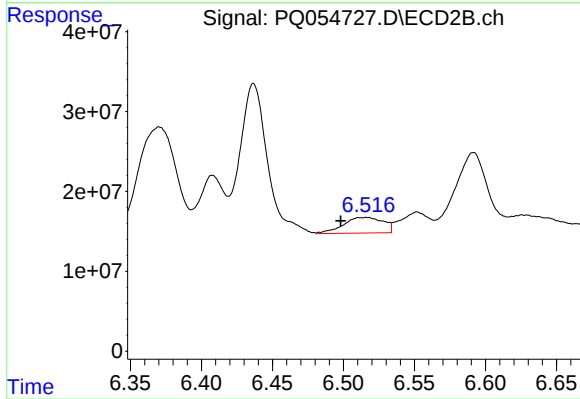
#26 AR-1254-1

R.T.: 6.320 min
Delta R.T.: -0.020 min
Response: 68701839
Conc: 90.18 ng/ml



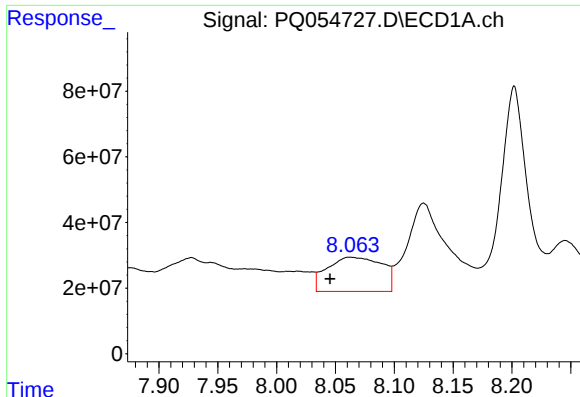
#27 AR-1254-2

R.T.: 7.682 min
Delta R.T.: 0.020 min
Response: 361026327
Conc: 269.91 ng/ml



#27 AR-1254-2

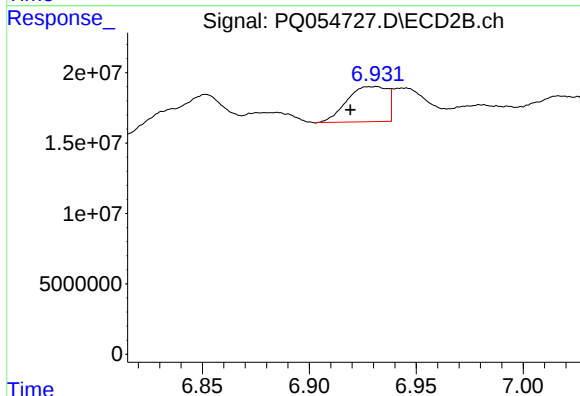
R.T.: 6.516 min
Delta R.T.: 0.018 min
Response: 38483025
Conc: 54.99 ng/ml



#28 AR-1254-3

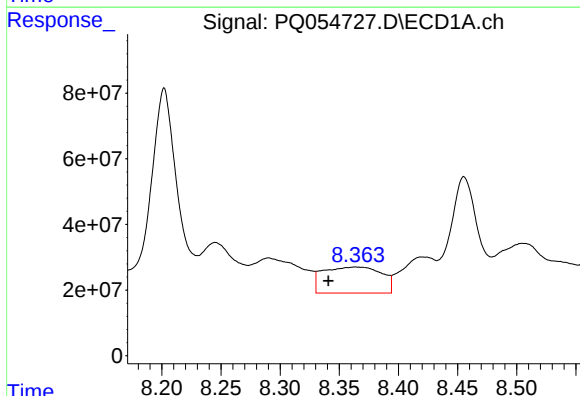
R.T.: 8.062 min
Delta R.T.: 0.017 min
Response: 337495562
Conc: 242.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



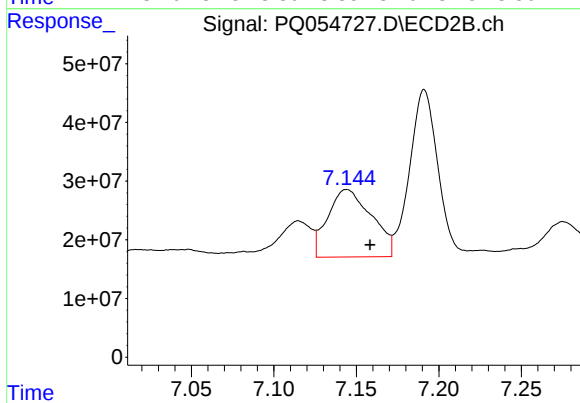
#28 AR-1254-3

R.T.: 6.930 min
Delta R.T.: 0.011 min
Response: 32793320
Conc: 29.75 ng/ml



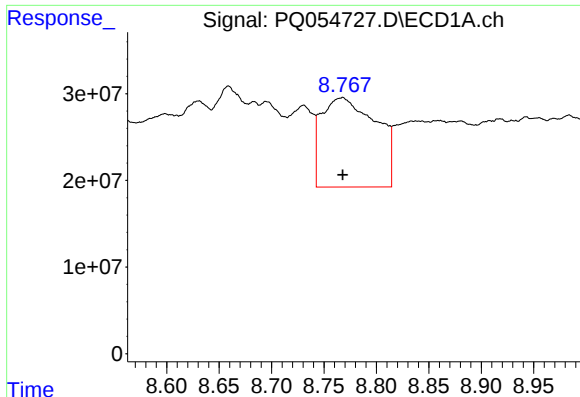
#29 AR-1254-4

R.T.: 8.364 min
Delta R.T.: 0.023 min
Response: 271724190
Conc: 255.06 ng/ml



#29 AR-1254-4

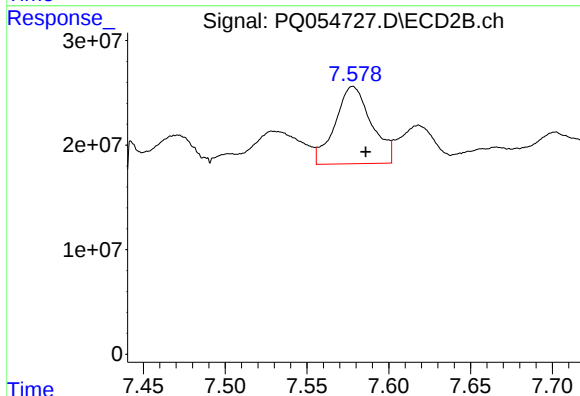
R.T.: 7.144 min
Delta R.T.: -0.014 min
Response: 212634819
Conc: 281.22 ng/ml



#30 AR-1254-5

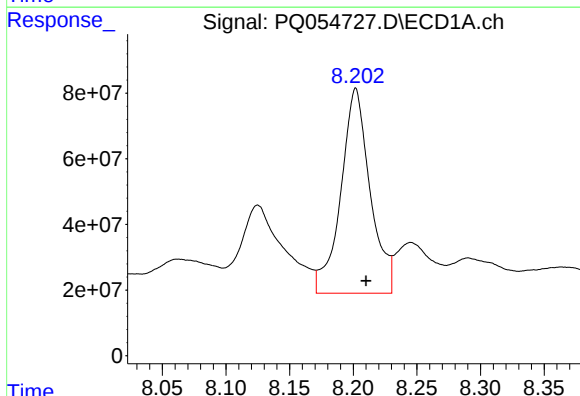
R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 374998645
Conc: 326.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



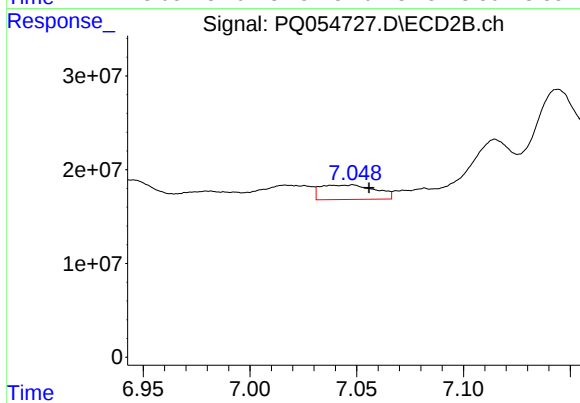
#30 AR-1254-5

R.T.: 7.578 min
Delta R.T.: -0.008 min
Response: 114747640
Conc: 103.68 ng/ml



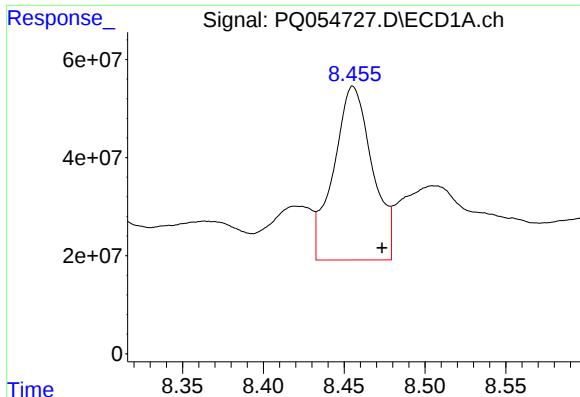
#31 AR-1260-1

R.T.: 8.202 min
Delta R.T.: -0.008 min
Response: 1001241868
Conc: 1008.92 ng/ml



#31 AR-1260-1

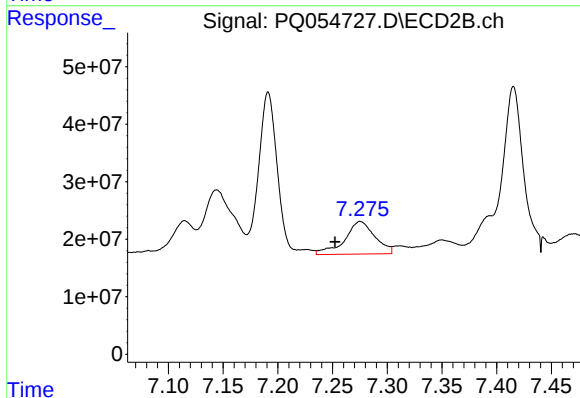
R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 27622250
Conc: 36.78 ng/ml



#32 AR-1260-2

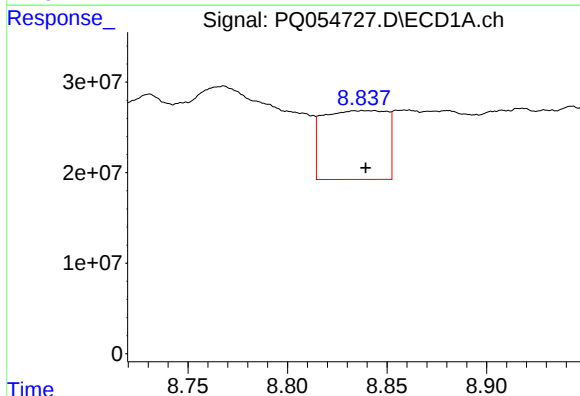
R.T.: 8.455 min
Delta R.T.: -0.018 min
Response: 589344229
Conc: 500.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



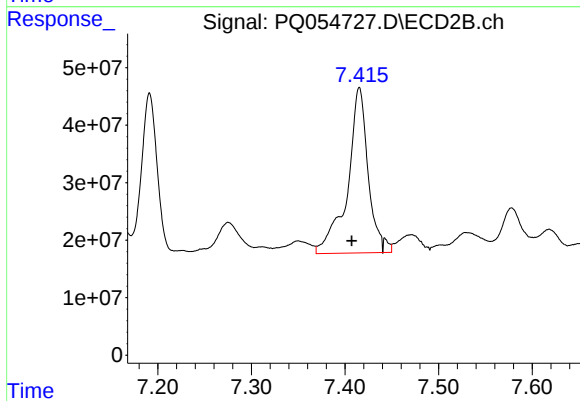
#32 AR-1260-2

R.T.: 7.275 min
Delta R.T.: 0.023 min
Response: 108941587
Conc: 105.27 ng/ml



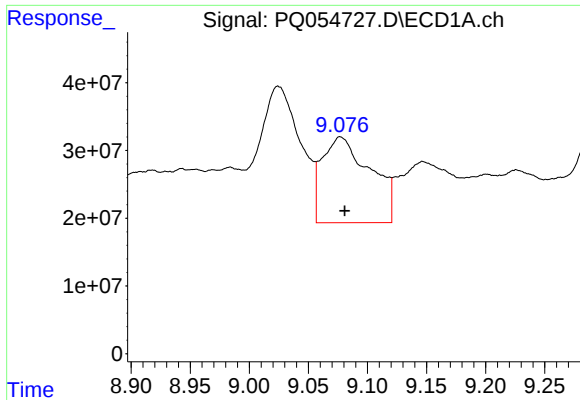
#33 AR-1260-3

R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 168607572
Conc: 220.15 ng/ml



#33 AR-1260-3

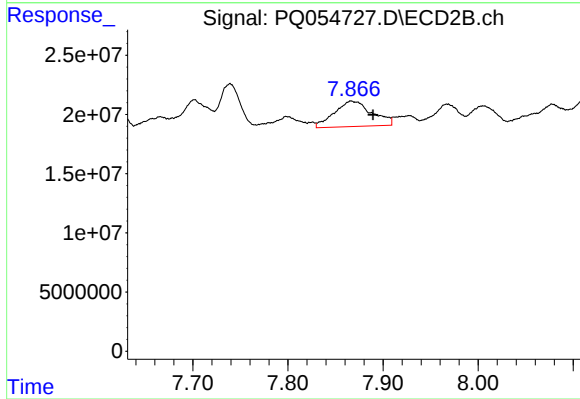
R.T.: 7.415 min
Delta R.T.: 0.008 min
Response: 443101151
Conc: 501.16 ng/ml



#34 AR-1260-4

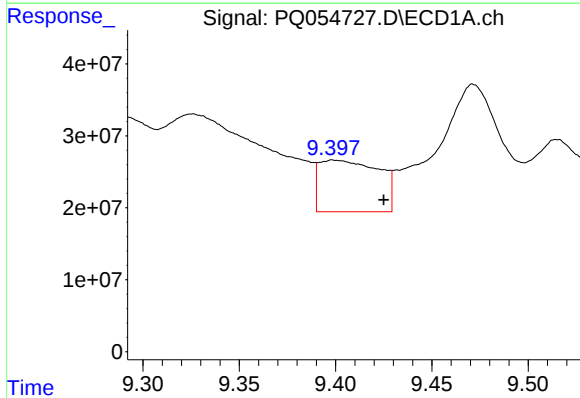
R.T.: 9.077 min
Delta R.T.: -0.004 min
Response: 359538016
Conc: 384.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



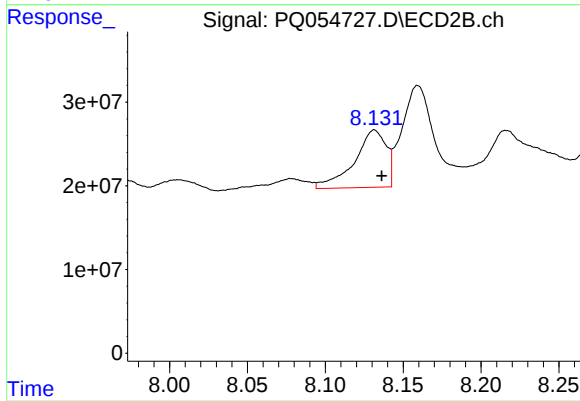
#34 AR-1260-4

R.T.: 7.866 min
Delta R.T.: -0.023 min
Response: 58948284
Conc: 85.19 ng/ml



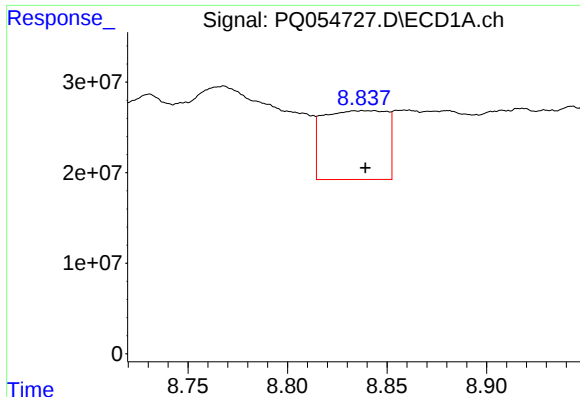
#35 AR-1260-5

R.T.: 9.399 min
Delta R.T.: -0.026 min
Response: 154646809
Conc: 83.89 ng/ml



#35 AR-1260-5

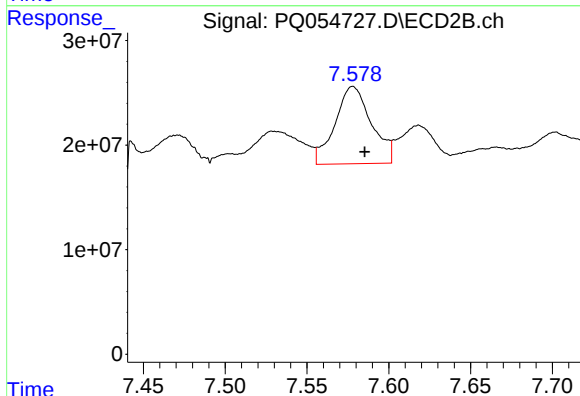
R.T.: 8.131 min
Delta R.T.: -0.005 min
Response: 97576126
Conc: 51.05 ng/ml



#36 AR-1262-1

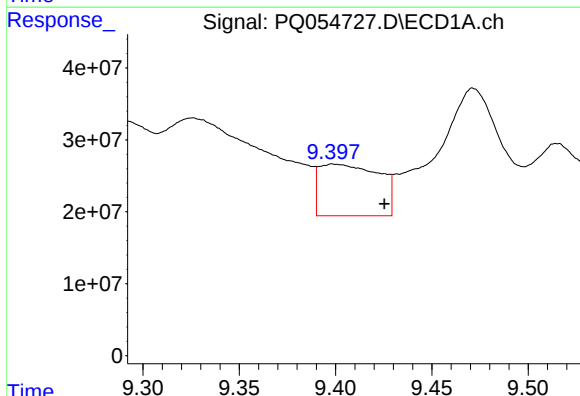
R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 168607572
Conc: 143.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



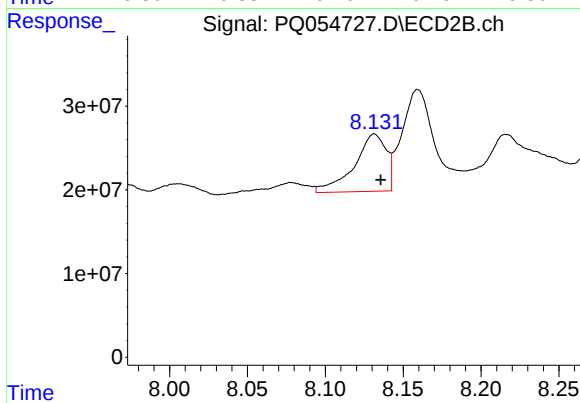
#36 AR-1262-1

R.T.: 7.578 min
Delta R.T.: -0.007 min
Response: 114747640
Conc: 222.09 ng/ml



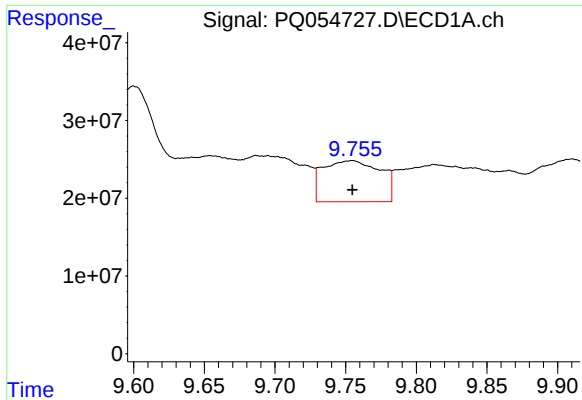
#37 AR-1262-2

R.T.: 9.399 min
Delta R.T.: -0.026 min
Response: 154646809
Conc: 71.30 ng/ml



#37 AR-1262-2

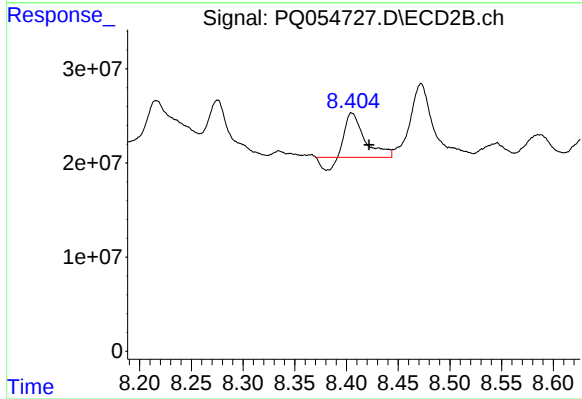
R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 97576126
Conc: 44.05 ng/ml



#38 AR-1262-3

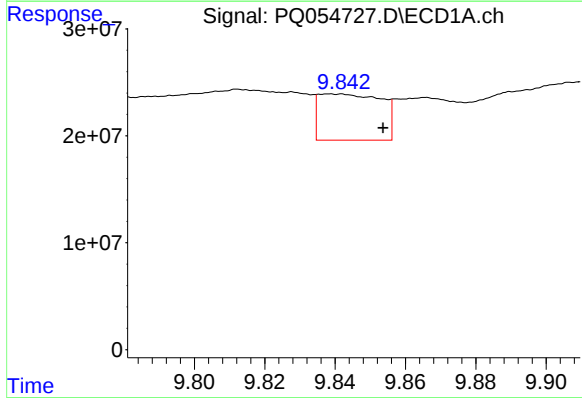
R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 148896110
Conc: 167.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



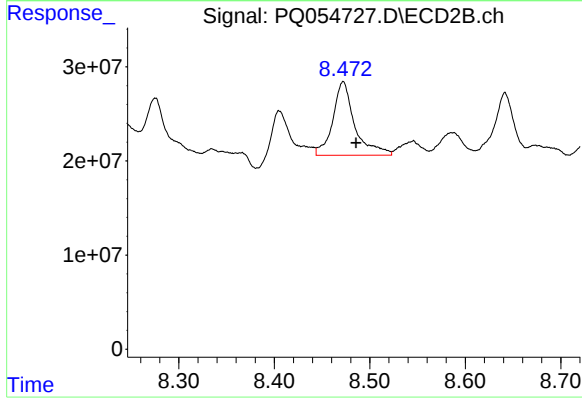
#38 AR-1262-3

R.T.: 8.405 min
Delta R.T.: -0.016 min
Response: 52283667
Conc: 58.92 ng/ml



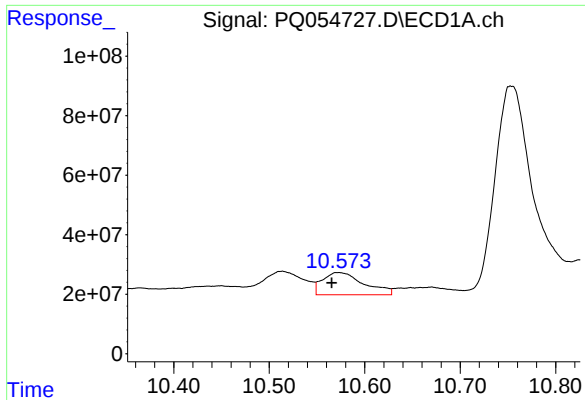
#39 AR-1262-4

R.T.: 9.839 min
Delta R.T.: -0.015 min
Response: 53260535
Conc: 94.41 ng/ml



#39 AR-1262-4

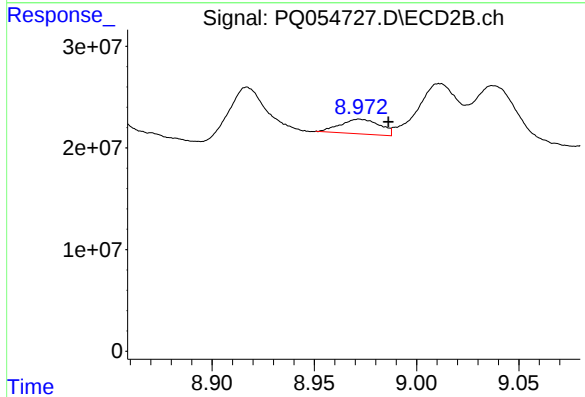
R.T.: 8.472 min
Delta R.T.: -0.014 min
Response: 124693560
Conc: 81.99 ng/ml



#40 AR-1262-5

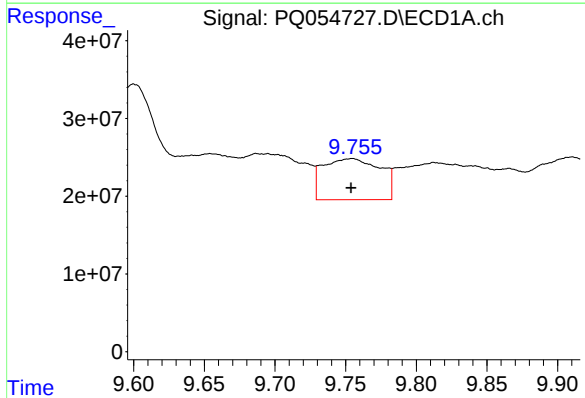
R.T.: 10.572 min
Delta R.T.: 0.007 min
Response: 223823006
Conc: 291.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



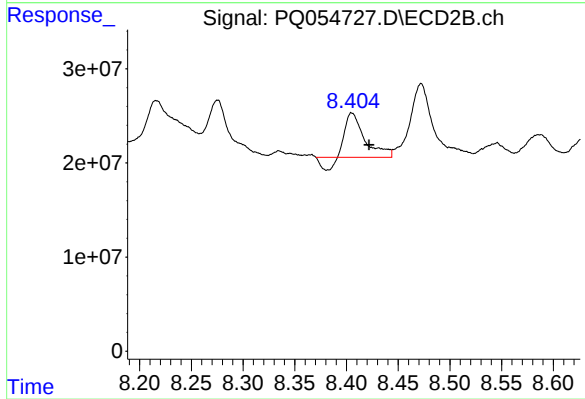
#40 AR-1262-5

R.T.: 8.972 min
Delta R.T.: -0.014 min
Response: 19429364
Conc: 28.29 ng/ml



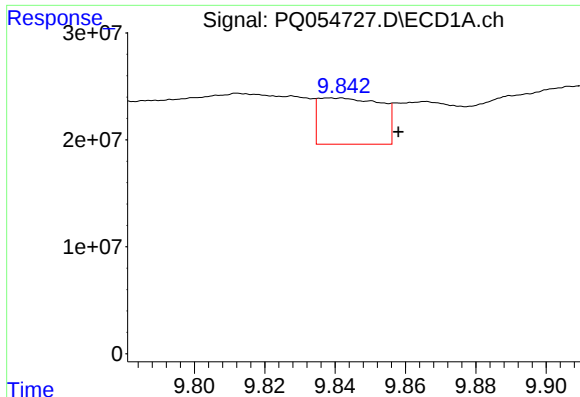
#41 AR-1268-1

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 148896110
Conc: 59.37 ng/ml



#41 AR-1268-1

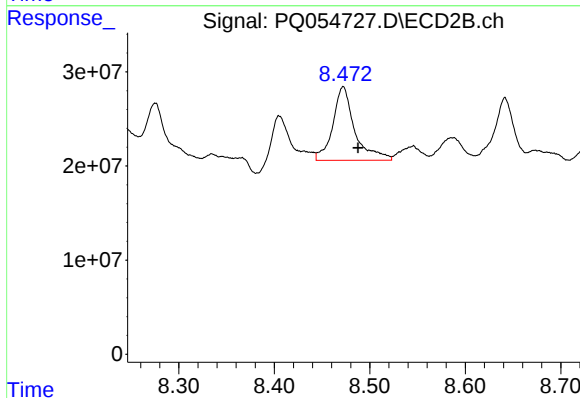
R.T.: 8.405 min
Delta R.T.: -0.017 min
Response: 52283667
Conc: 19.26 ng/ml



#42 AR-1268-2

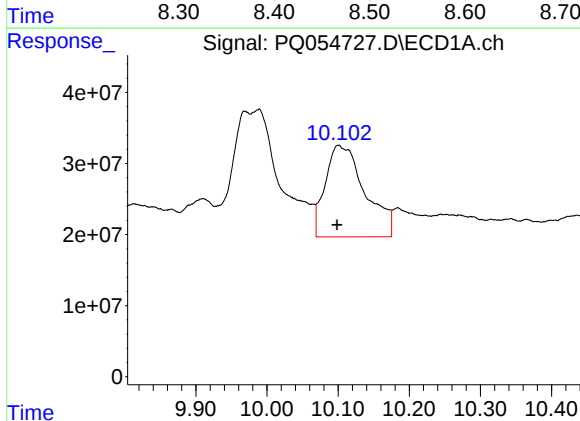
R.T.: 9.839 min
Delta R.T.: -0.019 min
Response: 53260535
Conc: 23.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



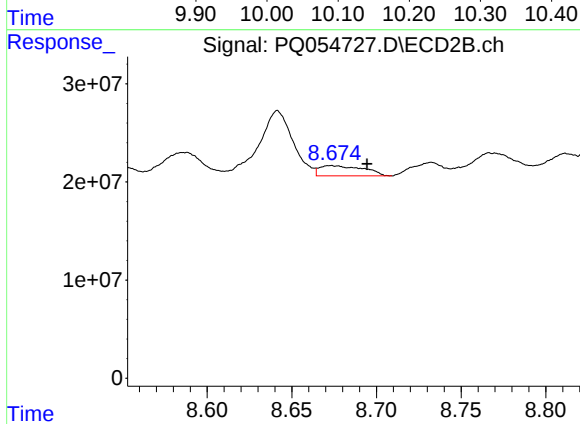
#42 AR-1268-2

R.T.: 8.472 min
Delta R.T.: -0.016 min
Response: 124693560
Conc: 54.12 ng/ml



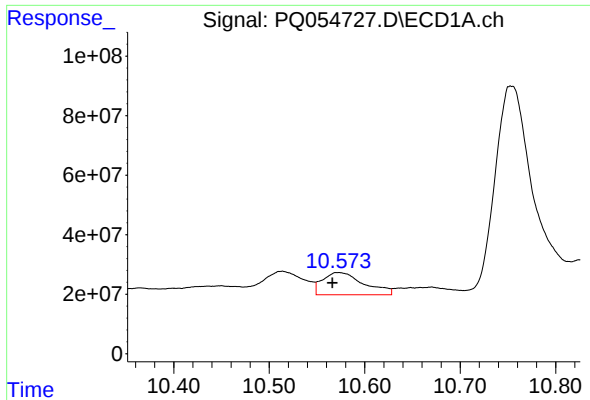
#43 AR-1268-3

R.T.: 10.101 min
Delta R.T.: 0.002 min
Response: 499396409
Conc: 260.01 ng/ml



#43 AR-1268-3

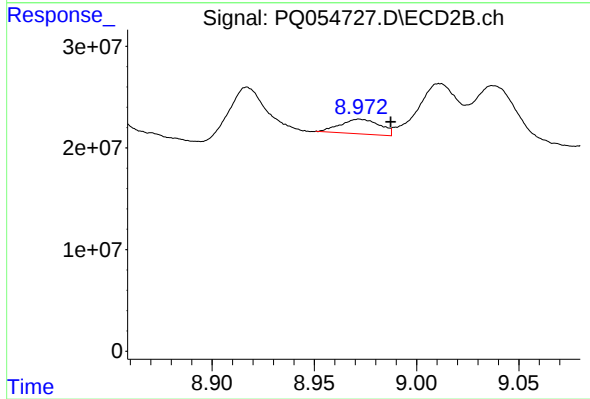
R.T.: 8.673 min
Delta R.T.: -0.021 min
Response: 18758271
Conc: 9.31 ng/ml



#44 AR-1268-4

R.T.: 10.572 min
Delta R.T.: 0.006 min
Response: 223823006
Conc: 262.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#44 AR-1268-4

R.T.: 8.972 min
Delta R.T.: -0.015 min
Response: 19429364
Conc: 24.99 ng/ml