

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091421\
 Data File : PQ054477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2021 08:12
 Operator : AJ\MA
 Sample : M3724-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 31196

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 09:04:09 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...	5.202	4.212	173.5E6	89762119	7.266	6.790
2) SA Decachlor...	11.371	9.540	62338499	71208143	3.693	5.254 #
Target Compounds						
3) L1 AR-1016-1	6.528	5.486f	11425777	16319729	13.852	35.959 #
4) L1 AR-1016-2	6.555	5.486	19478225	16319729	15.968	22.996 #
5) L1 AR-1016-3	6.609	5.669	33890102	49609331	44.765	144.856 #
6) L1 AR-1016-4	6.736	5.746f	100.3E6	34954805	162.197	125.850
7) L1 AR-1016-5	7.042	5.944f	22066047	26612018	38.839	77.097 #
8) L2 AR-1221-1	5.425f	4.465	112.0E6	7321154	434.820	56.322 #
9) L2 AR-1221-2	5.554	4.575	51625157	75222611	270.071	789.513 #
10) L2 AR-1221-3	5.618f	0.000	24749535	0	41.294	N.D. #
11) L3 AR-1232-1	5.618f	0.000	24749535	0	53.486	N.D. #
12) L3 AR-1232-2	6.227	5.486	577.5E6	16319729	2040.342	52.568 #
13) L3 AR-1232-3	6.555	5.669	19478225	49609331	37.044	344.261 #
14) L3 AR-1232-4	6.736	5.777	100.3E6	17107062	375.377	135.426 #
15) L3 AR-1232-5	6.816	5.944f	23120215	26612018	114.346	183.490 #
16) L4 AR-1242-1	6.528	5.486f	11425777	16319729	19.397	50.590 #
17) L4 AR-1242-2	6.555	5.486	19478225	16319729	21.709	32.023 #
18) L4 AR-1242-3	6.609	5.669	33890102	49609331	60.308	193.198 #
19) L4 AR-1242-4	6.736	5.777	100.3E6	17107062	219.216	67.593 #
20) L4 AR-1242-5	7.507	6.339	41621777	36562127	88.892	102.911
21) L5 AR-1248-1	6.528	5.486f	11425777	16319729	22.829	62.374 #
22) L5 AR-1248-2	6.816	5.746f	23120215	34954805	35.587	98.139 #
23) L5 AR-1248-3	7.042	5.777	22066047	17107062	30.856	48.107 #
24) L5 AR-1248-4	7.467	5.944f	29610237	26612018	37.429	61.952 #
25) L5 AR-1248-5	7.507	6.379	41621777	15582074	51.868	36.371 #
26) L6 AR-1254-1	7.436	6.339	66453322	36562127	76.288	47.994 #
27) L6 AR-1254-2	7.661	6.498	87979868	28747425	65.774	41.081 #
28) L6 AR-1254-3	8.043	6.897f	172.1E6	255.4E6	123.583	231.670 #
29) L6 AR-1254-4	8.340	7.162	137.8E6	123.5E6	129.310	163.395 #
30) L6 AR-1254-5	8.769	7.587	126.7E6	61524459	110.272	55.592 #
31) L7 AR-1260-1	8.210	7.077f	142.6E6	87290825	143.689	116.237
32) L7 AR-1260-2	8.473	7.251	254.4E6	54089736	216.175	52.266 #
33) L7 AR-1260-3	0.000	7.397	0	48640381	N.D.	55.014 #
34) L7 AR-1260-4	9.077	7.890	100.7E6	21811276	107.764	31.521 #
35) L7 AR-1260-5	9.398f	8.138	45448390	28518380	24.653	14.921 #
36) L8 AR-1262-1	0.000	7.587	0	61524459	N.D.	119.077 #
37) L8 AR-1262-2	9.398f	8.138	45448390	28518380	20.954	12.876 #
38) L8 AR-1262-3	9.747	8.393f	75263592	67962607	84.498	76.595
39) L8 AR-1262-4	0.000	8.481	0	41881040	N.D.	27.538 #
40) L8 AR-1262-5	10.573	8.995	26526948	4068813	34.516	5.924 #
41) L9 AR-1268-1	9.747	8.393f	75263592	67962607	30.011	25.040

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091421\
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 Acq On : 15 Sep 2021 08:12
 Operator : AJ\MA
 Sample : M3724-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

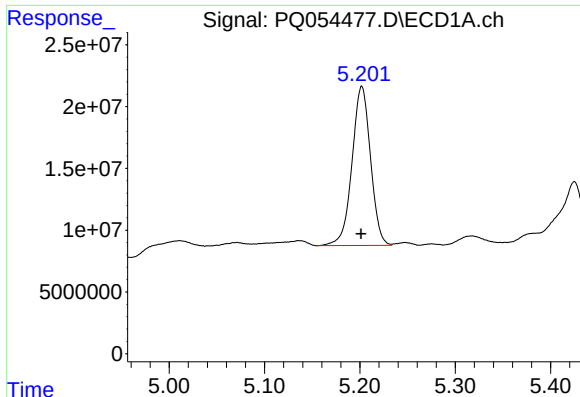
Instrument :
 ECD_Q
 ClientSampleId :
 31196

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 09:04:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
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 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	0.000	8.481	0	41881040	N.D.	18.179 #
43) L9	AR-1268-3	10.103	8.713f	28544049	23404911	14.862	11.614
44) L9	AR-1268-4	10.573	8.995	26526948	4068813	31.086	5.234 #
45) L9	AR-1268-5	11.008	9.269	15185709	13603298	2.409	2.365

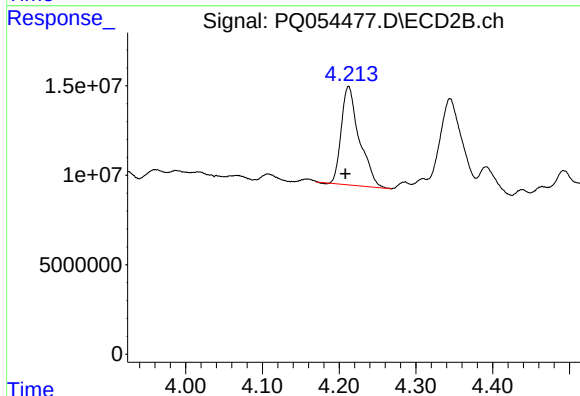
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

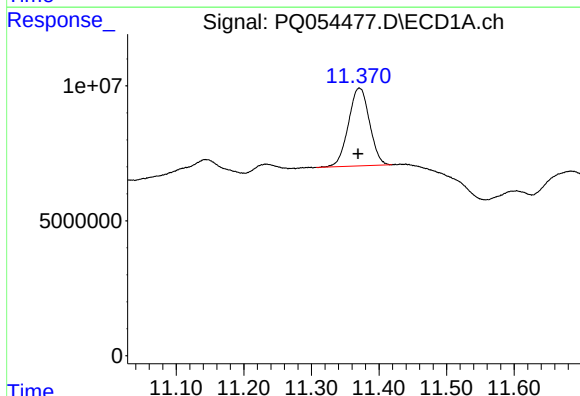
R.T.: 5.202 min
Delta R.T.: 0.001 min
Response: 173515309
Conc: 7.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



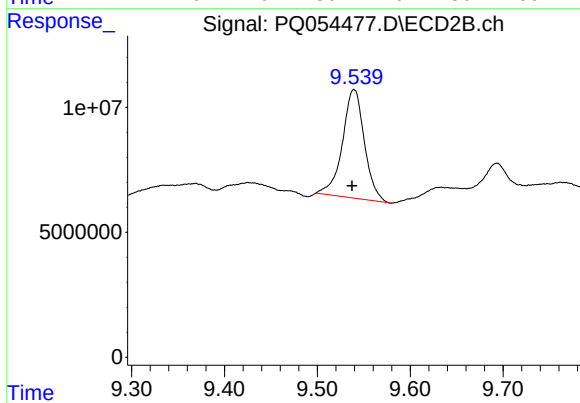
#1 Tetrachloro-m-xylene

R.T.: 4.212 min
Delta R.T.: 0.004 min
Response: 89762119
Conc: 6.79 ng/ml



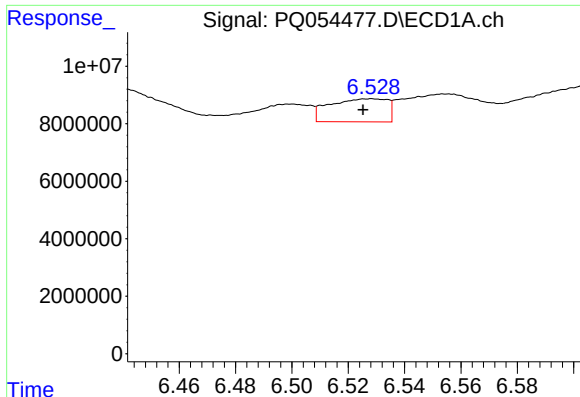
#2 Decachlorobiphenyl

R.T.: 11.371 min
Delta R.T.: 0.002 min
Response: 62338499
Conc: 3.69 ng/ml



#2 Decachlorobiphenyl

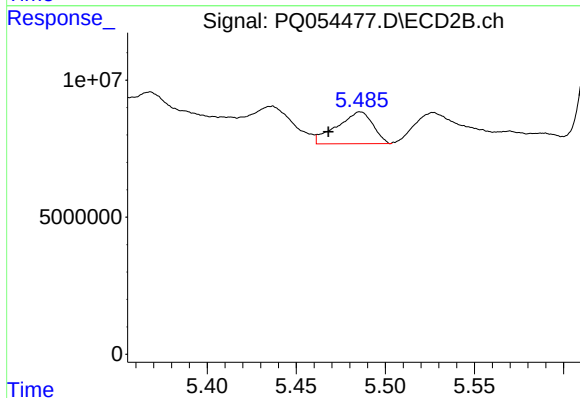
R.T.: 9.540 min
Delta R.T.: 0.002 min
Response: 71208143
Conc: 5.25 ng/ml



#3 AR-1016-1

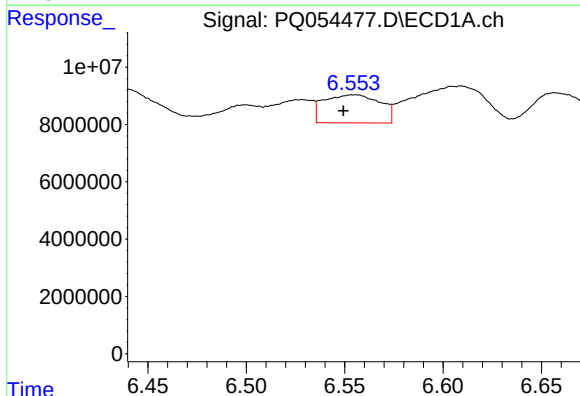
R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 11425777
Conc: 13.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



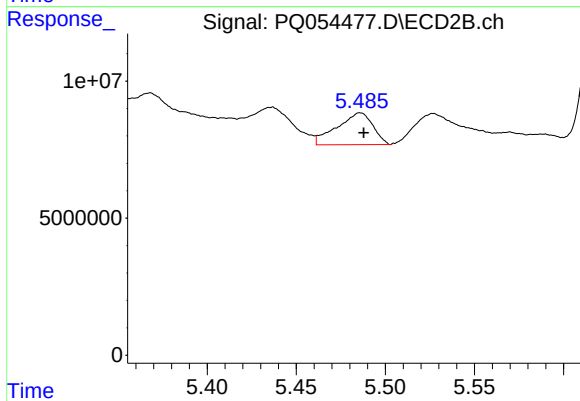
#3 AR-1016-1

R.T.: 5.486 min
Delta R.T.: 0.018 min
Response: 16319729
Conc: 35.96 ng/ml



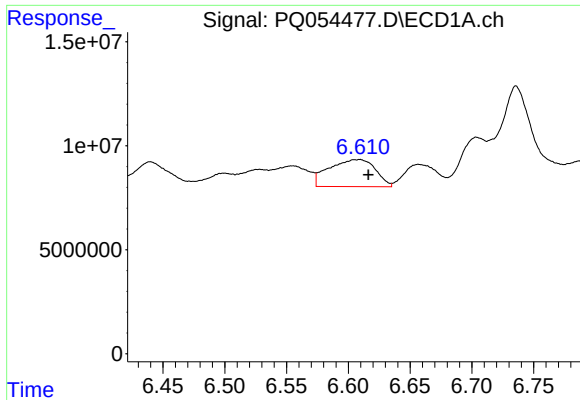
#4 AR-1016-2

R.T.: 6.555 min
Delta R.T.: 0.006 min
Response: 19478225
Conc: 15.97 ng/ml



#4 AR-1016-2

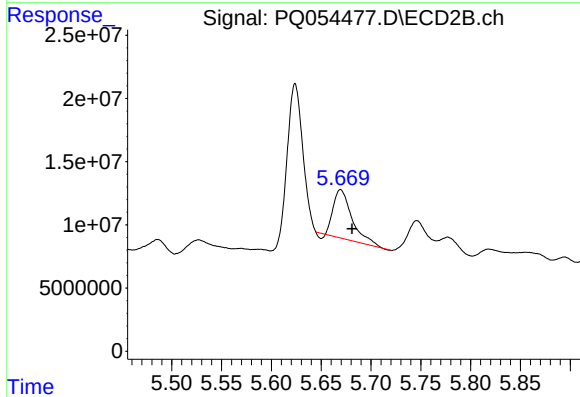
R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 16319729
Conc: 23.00 ng/ml



#5 AR-1016-3

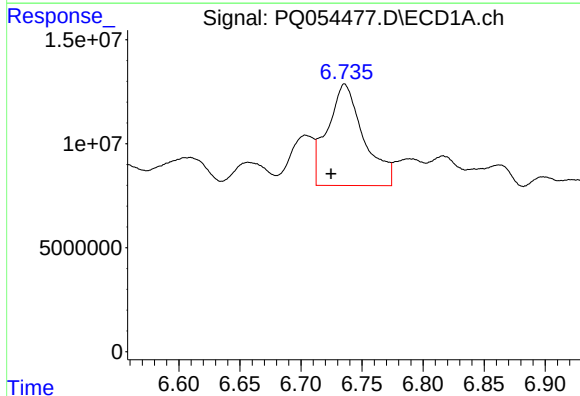
R.T.: 6.609 min
Delta R.T.: -0.007 min
Response: 33890102
Conc: 44.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



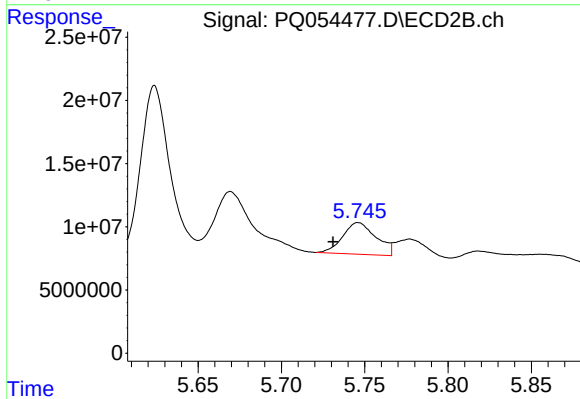
#5 AR-1016-3

R.T.: 5.669 min
Delta R.T.: -0.012 min
Response: 49609331
Conc: 144.86 ng/ml



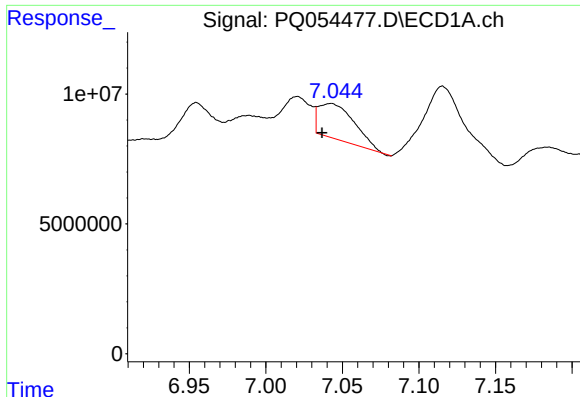
#6 AR-1016-4

R.T.: 6.736 min
Delta R.T.: 0.011 min
Response: 100287756
Conc: 162.20 ng/ml



#6 AR-1016-4

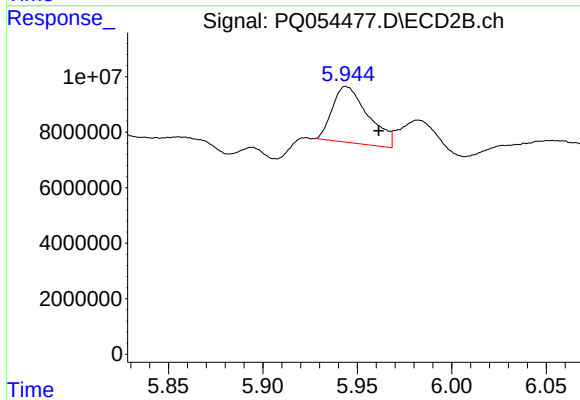
R.T.: 5.746 min
Delta R.T.: 0.015 min
Response: 34954805
Conc: 125.85 ng/ml



#7 AR-1016-5

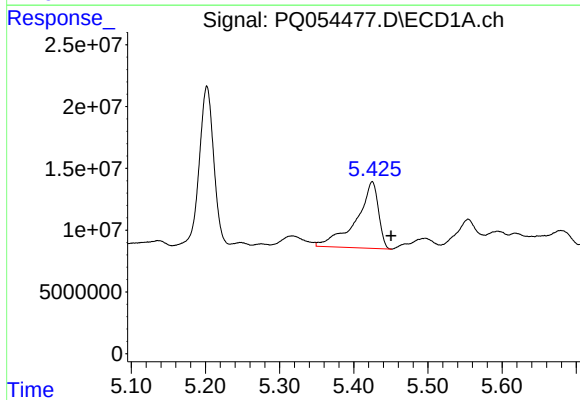
R.T.: 7.042 min
Delta R.T.: 0.006 min
Response: 22066047
Conc: 38.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



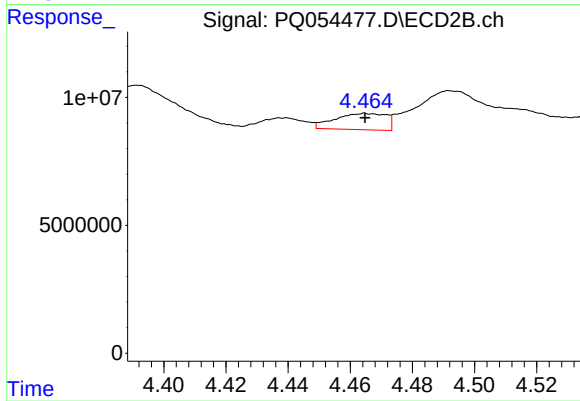
#7 AR-1016-5

R.T.: 5.944 min
Delta R.T.: -0.017 min
Response: 26612018
Conc: 77.10 ng/ml



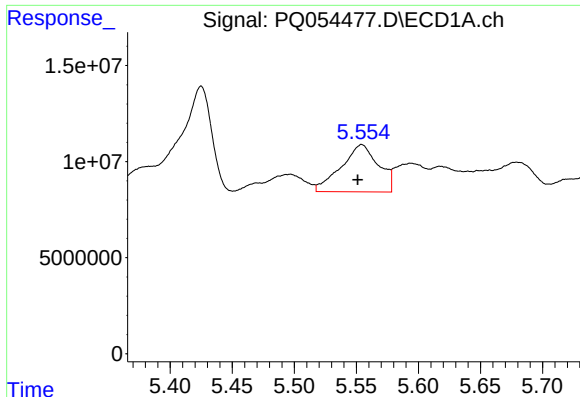
#8 AR-1221-1

R.T.: 5.425 min
Delta R.T.: -0.025 min
Response: 112016124
Conc: 434.82 ng/ml



#8 AR-1221-1

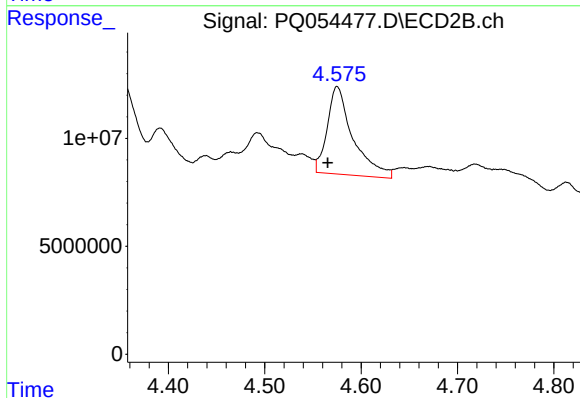
R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 7321154
Conc: 56.32 ng/ml



#9 AR-1221-2

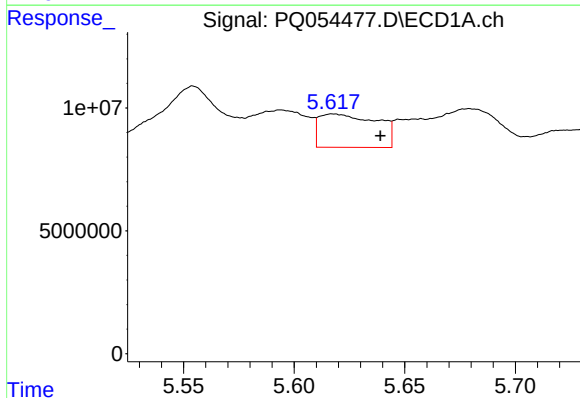
R.T.: 5.554 min
Delta R.T.: 0.003 min
Response: 51625157
Conc: 270.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



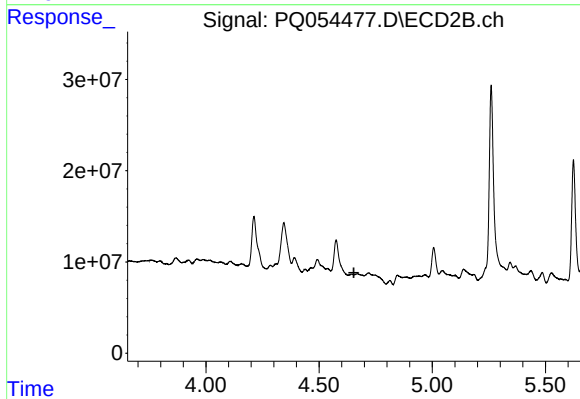
#9 AR-1221-2

R.T.: 4.575 min
Delta R.T.: 0.010 min
Response: 75222611
Conc: 789.51 ng/ml



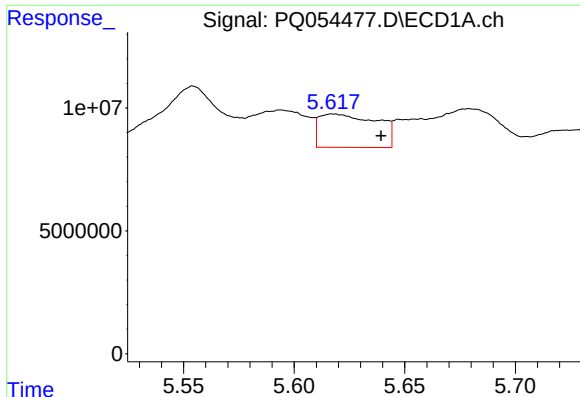
#10 AR-1221-3

R.T.: 5.618 min
Delta R.T.: -0.021 min
Response: 24749535
Conc: 41.29 ng/ml



#10 AR-1221-3

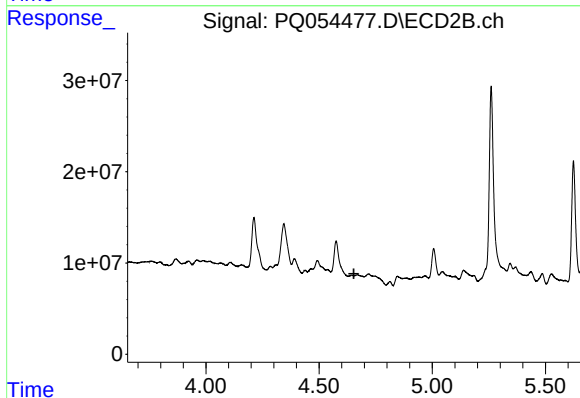
R.T.: 0.000 min
Exp R.T.: 4.654 min
Response: 0
Conc: N.D.



#11 AR-1232-1

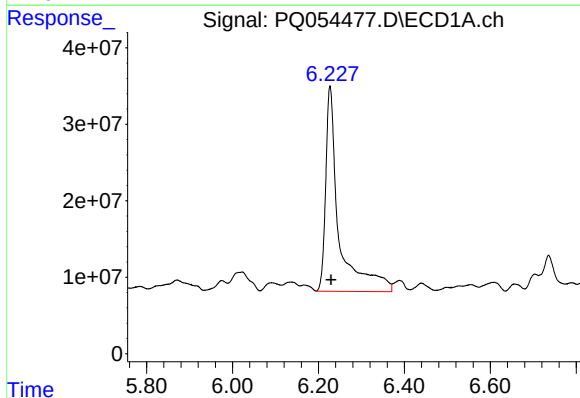
R.T.: 5.618 min
Delta R.T.: -0.022 min
Response: 24749535
Conc: 53.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



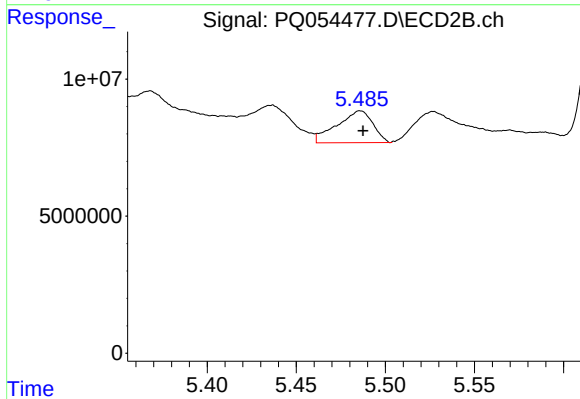
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



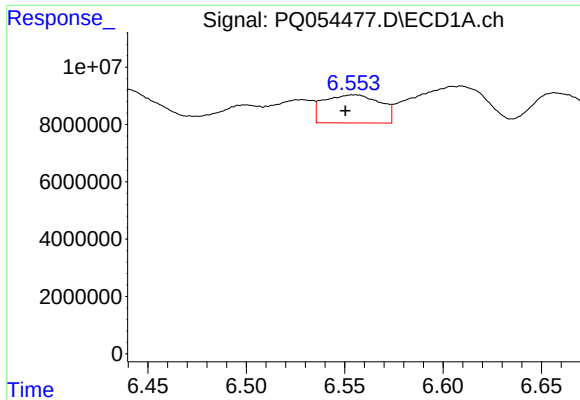
#12 AR-1232-2

R.T.: 6.227 min
Delta R.T.: -0.003 min
Response: 577526254
Conc: 2040.34 ng/ml



#12 AR-1232-2

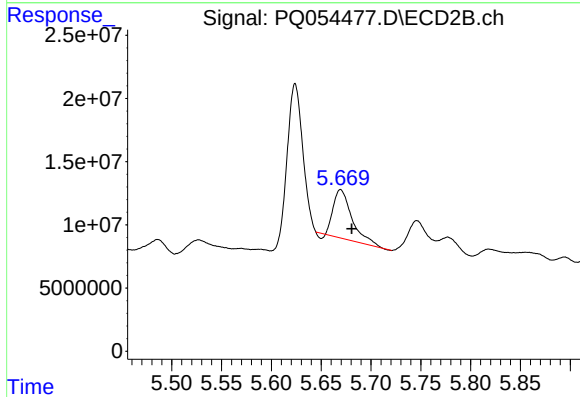
R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 16319729
Conc: 52.57 ng/ml



#13 AR-1232-3

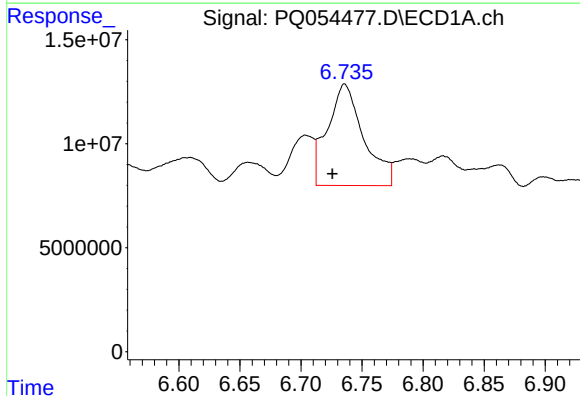
R.T.: 6.555 min
Delta R.T.: 0.004 min
Response: 19478225
Conc: 37.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



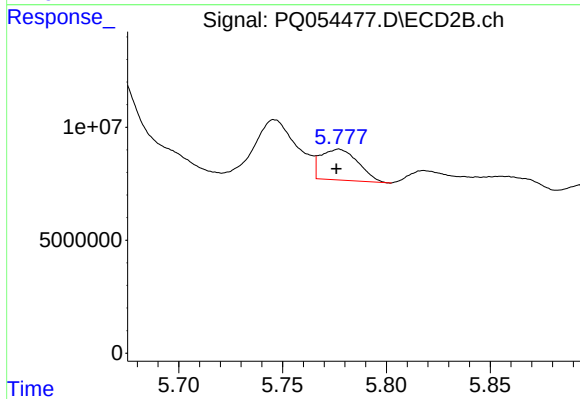
#13 AR-1232-3

R.T.: 5.669 min
Delta R.T.: -0.011 min
Response: 49609331
Conc: 344.26 ng/ml



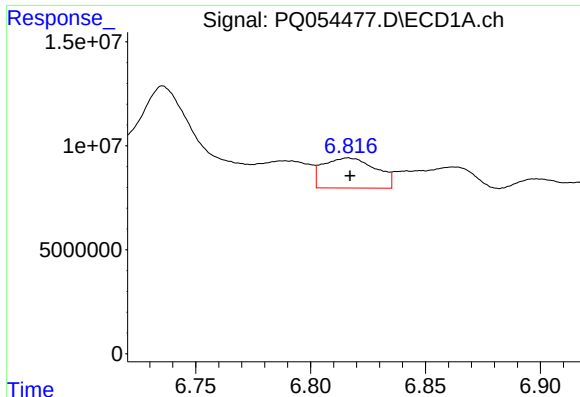
#14 AR-1232-4

R.T.: 6.736 min
Delta R.T.: 0.010 min
Response: 100287756
Conc: 375.38 ng/ml



#14 AR-1232-4

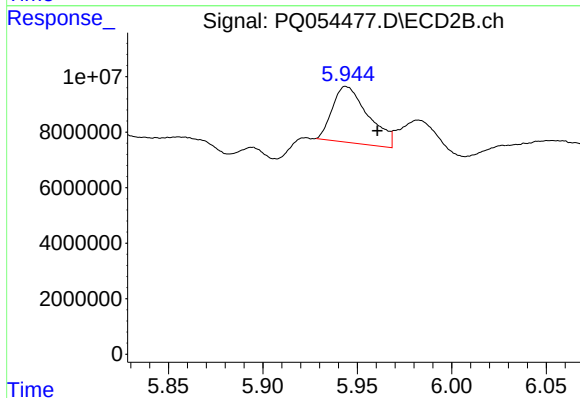
R.T.: 5.777 min
Delta R.T.: 0.001 min
Response: 17107062
Conc: 135.43 ng/ml



#15 AR-1232-5

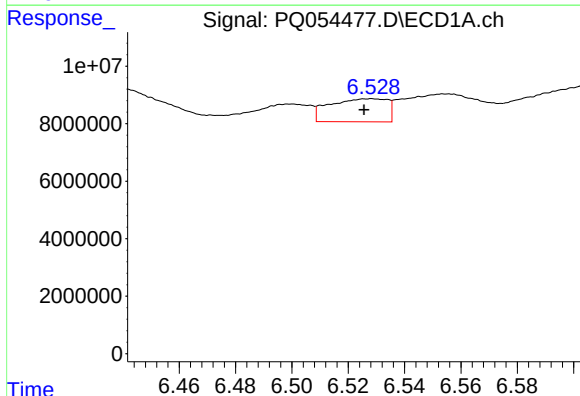
R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 23120215
Conc: 114.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



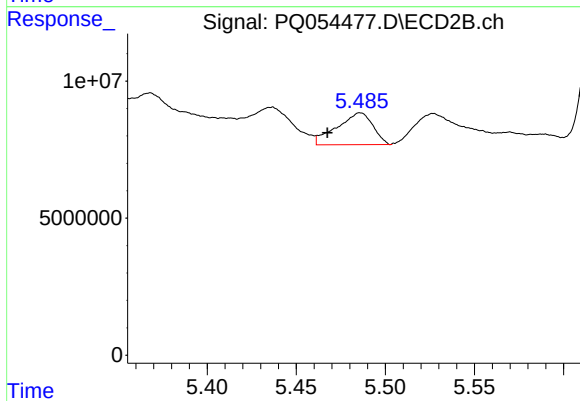
#15 AR-1232-5

R.T.: 5.944 min
Delta R.T.: -0.017 min
Response: 26612018
Conc: 183.49 ng/ml



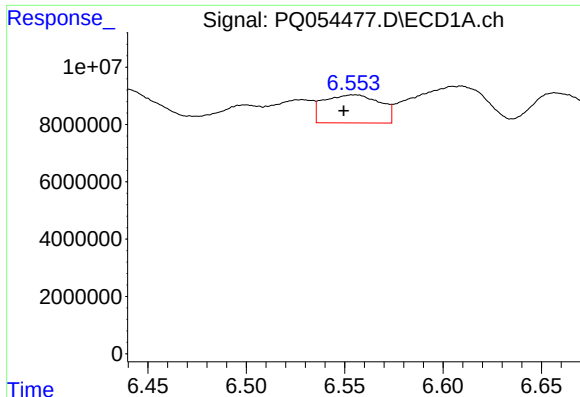
#16 AR-1242-1

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 11425777
Conc: 19.40 ng/ml



#16 AR-1242-1

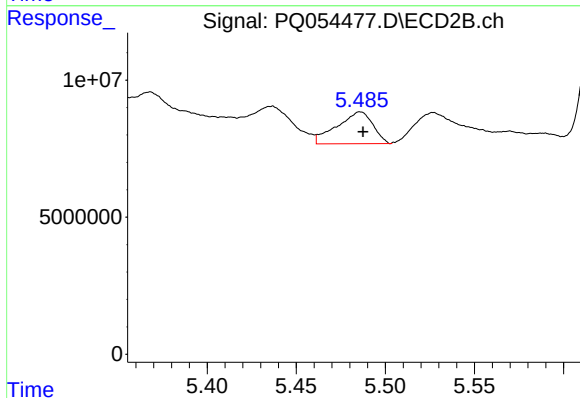
R.T.: 5.486 min
Delta R.T.: 0.019 min
Response: 16319729
Conc: 50.59 ng/ml



#17 AR-1242-2

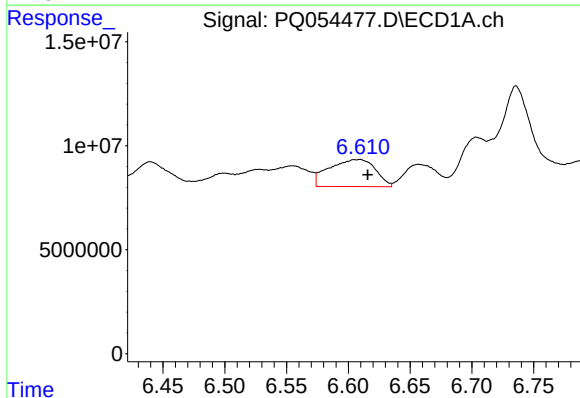
R.T.: 6.555 min
Delta R.T.: 0.005 min
Response: 19478225
Conc: 21.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



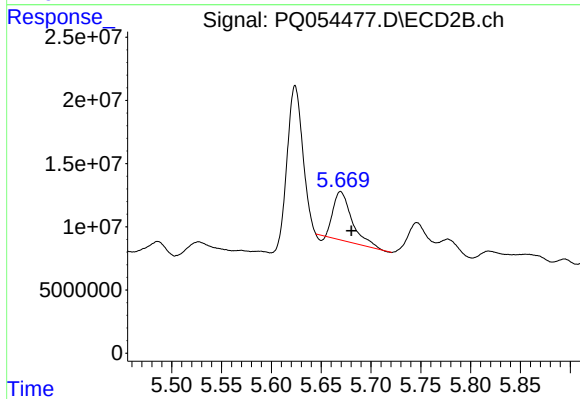
#17 AR-1242-2

R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 16319729
Conc: 32.02 ng/ml



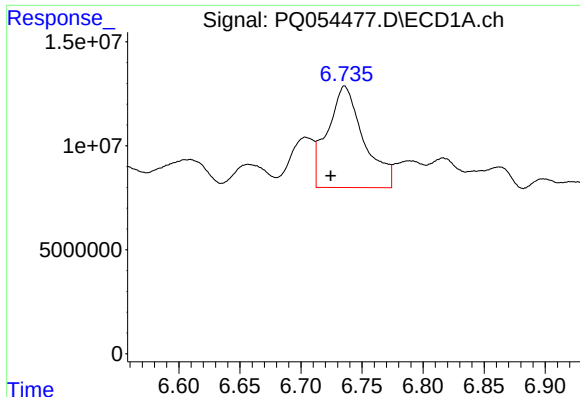
#18 AR-1242-3

R.T.: 6.609 min
Delta R.T.: -0.007 min
Response: 33890102
Conc: 60.31 ng/ml



#18 AR-1242-3

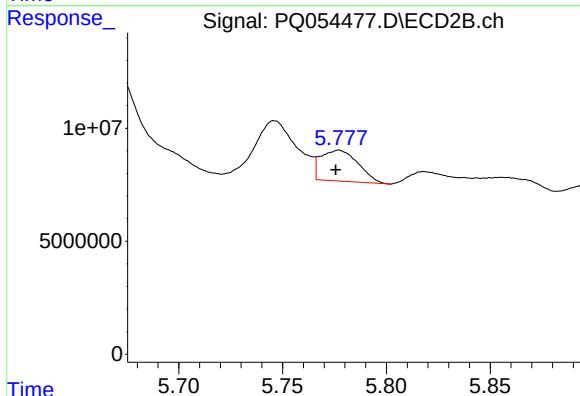
R.T.: 5.669 min
Delta R.T.: -0.011 min
Response: 49609331
Conc: 193.20 ng/ml



#19 AR-1242-4

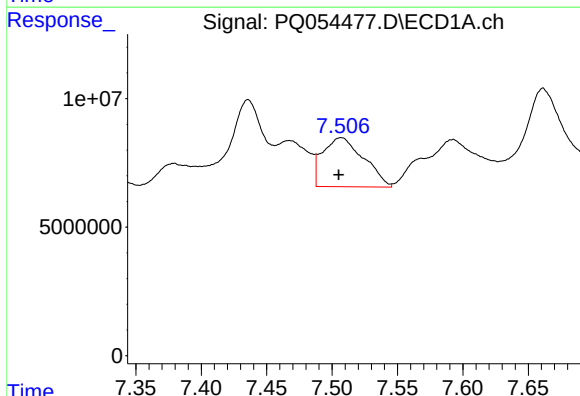
R.T.: 6.736 min
Delta R.T.: 0.011 min
Response: 100287756
Conc: 219.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



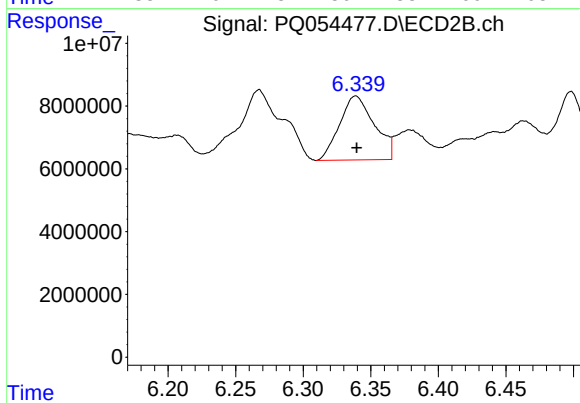
#19 AR-1242-4

R.T.: 5.777 min
Delta R.T.: 0.002 min
Response: 17107062
Conc: 67.59 ng/ml



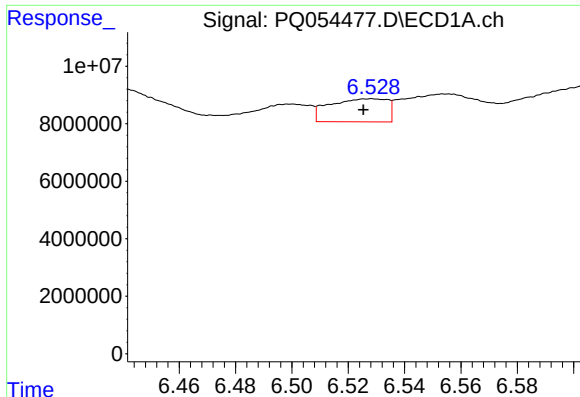
#20 AR-1242-5

R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 41621777
Conc: 88.89 ng/ml



#20 AR-1242-5

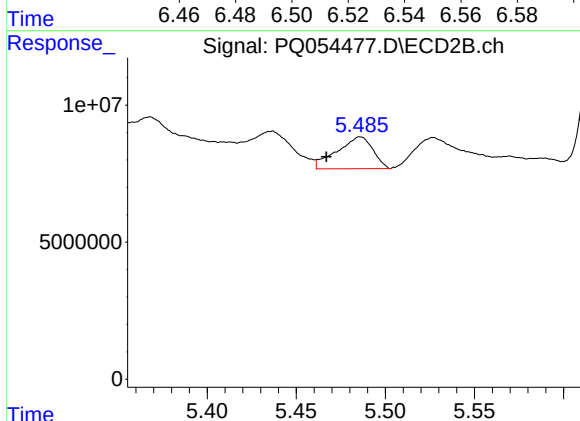
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 36562127
Conc: 102.91 ng/ml



#21 AR-1248-1

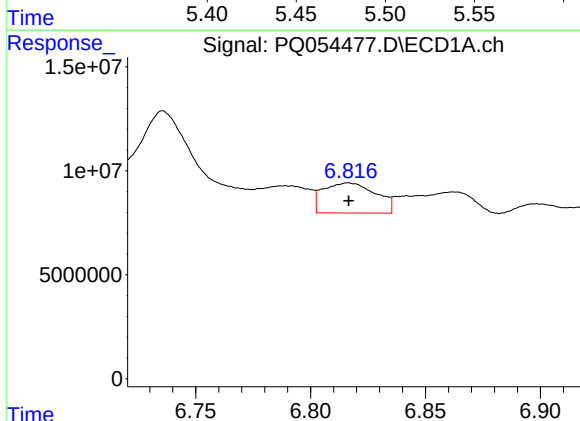
R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 11425777
Conc: 22.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



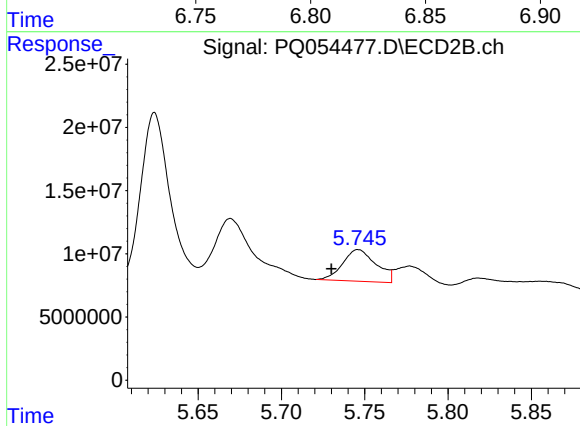
#21 AR-1248-1

R.T.: 5.486 min
Delta R.T.: 0.019 min
Response: 16319729
Conc: 62.37 ng/ml



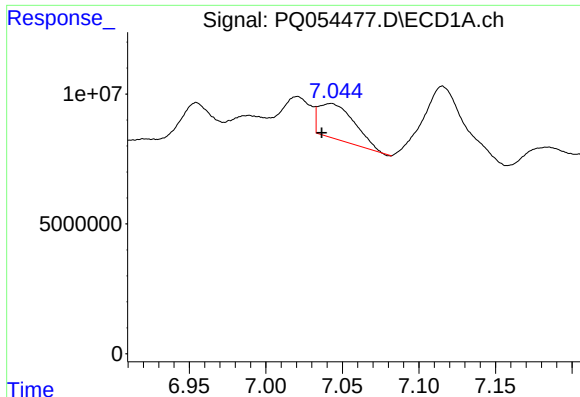
#22 AR-1248-2

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 23120215
Conc: 35.59 ng/ml



#22 AR-1248-2

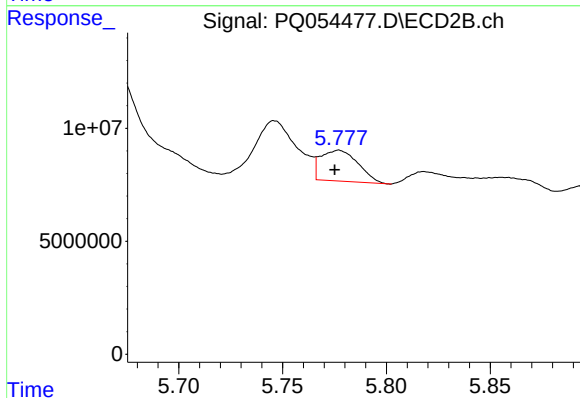
R.T.: 5.746 min
Delta R.T.: 0.016 min
Response: 34954805
Conc: 98.14 ng/ml



#23 AR-1248-3

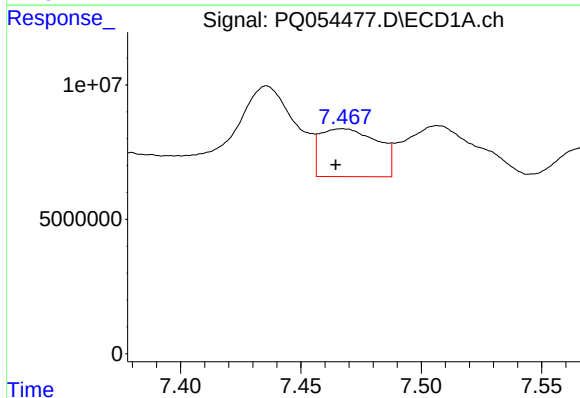
R.T.: 7.042 min
Delta R.T.: 0.006 min
Response: 22066047
Conc: 30.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



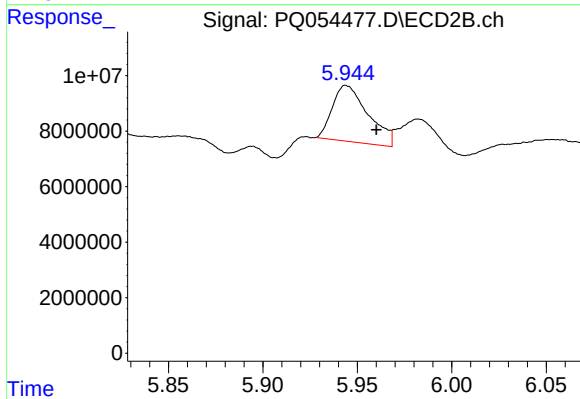
#23 AR-1248-3

R.T.: 5.777 min
Delta R.T.: 0.002 min
Response: 17107062
Conc: 48.11 ng/ml



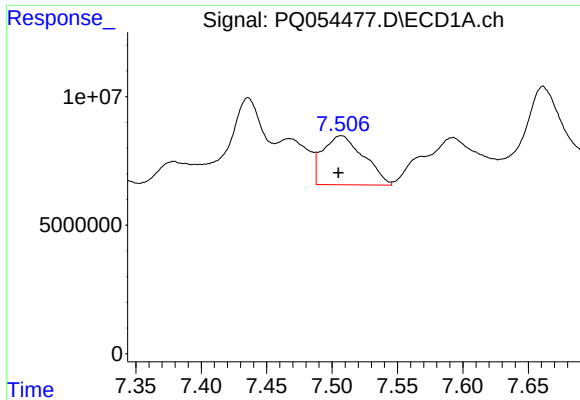
#24 AR-1248-4

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 29610237
Conc: 37.43 ng/ml



#24 AR-1248-4

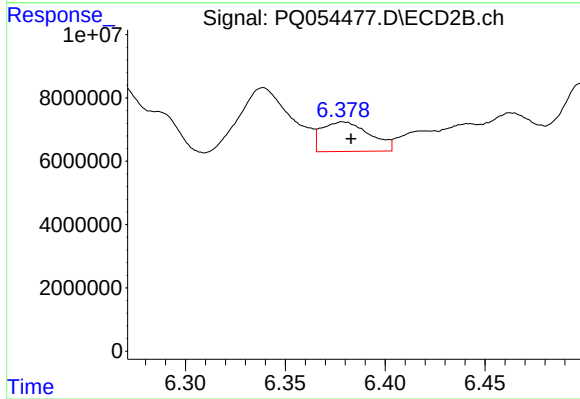
R.T.: 5.944 min
Delta R.T.: -0.016 min
Response: 26612018
Conc: 61.95 ng/ml



#25 AR-1248-5

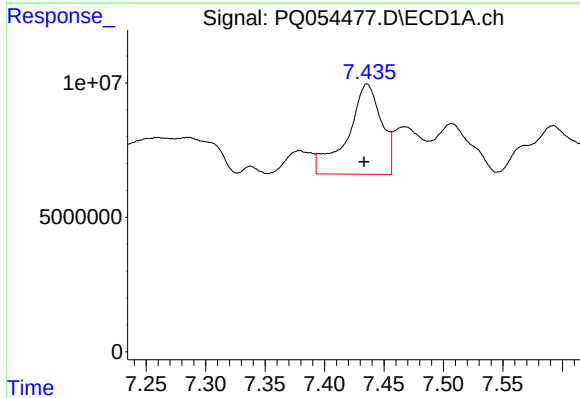
R.T.: 7.507 min
Delta R.T.: 0.002 min
Response: 41621777
Conc: 51.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



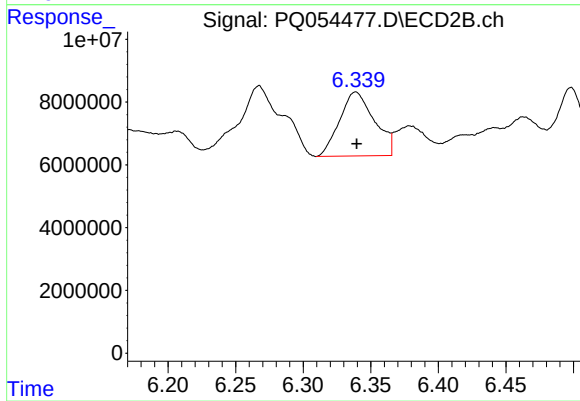
#25 AR-1248-5

R.T.: 6.379 min
Delta R.T.: -0.004 min
Response: 15582074
Conc: 36.37 ng/ml



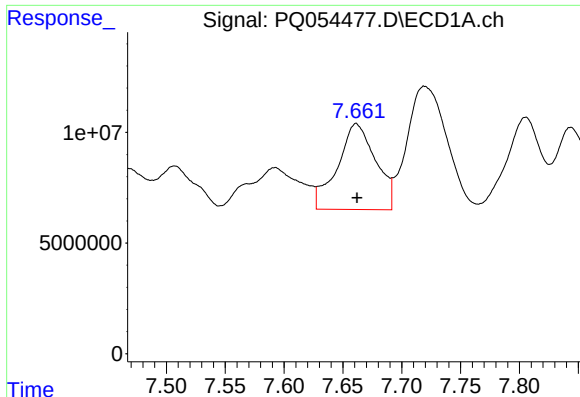
#26 AR-1254-1

R.T.: 7.436 min
Delta R.T.: 0.003 min
Response: 66453322
Conc: 76.29 ng/ml



#26 AR-1254-1

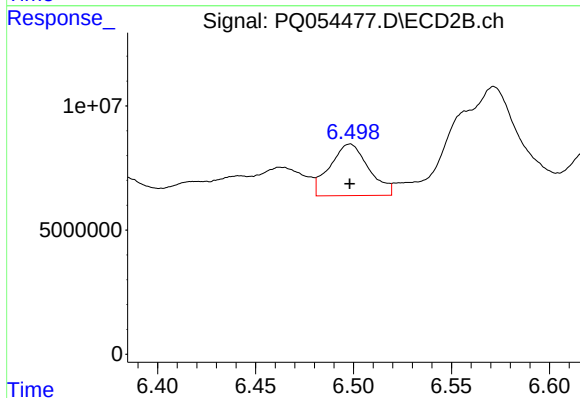
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 36562127
Conc: 47.99 ng/ml



#27 AR-1254-2

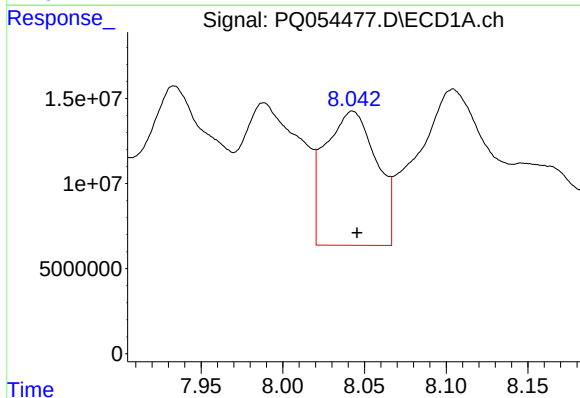
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 87979868
Conc: 65.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



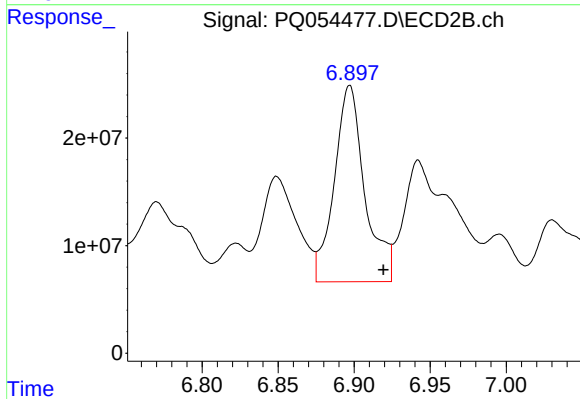
#27 AR-1254-2

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 28747425
Conc: 41.08 ng/ml



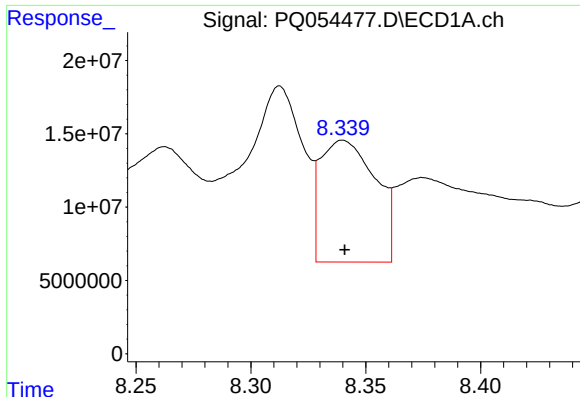
#28 AR-1254-3

R.T.: 8.043 min
Delta R.T.: -0.003 min
Response: 172120128
Conc: 123.58 ng/ml



#28 AR-1254-3

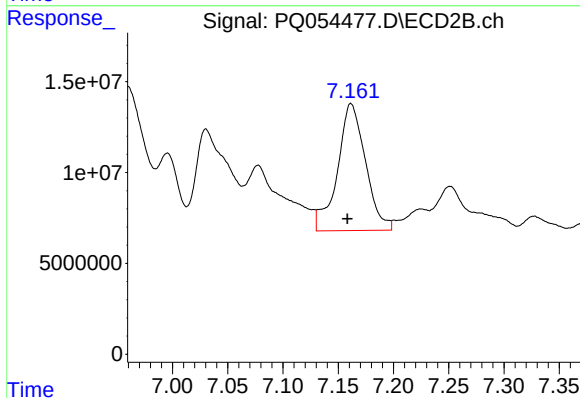
R.T.: 6.897 min
Delta R.T.: -0.022 min
Response: 255397373
Conc: 231.67 ng/ml



#29 AR-1254-4

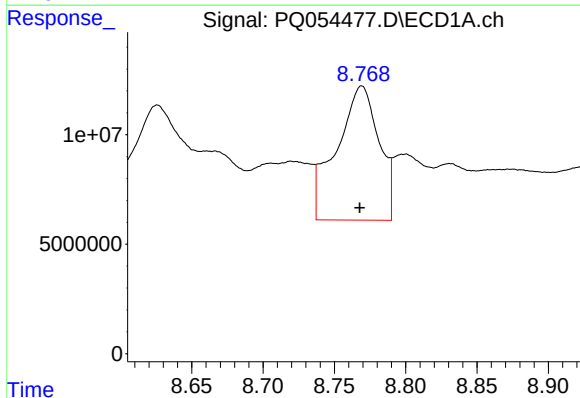
R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 137755972
Conc: 129.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



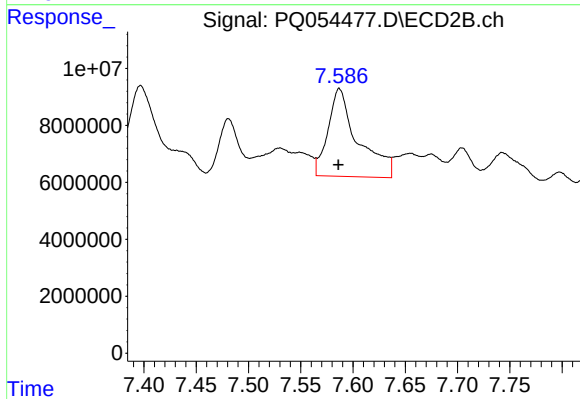
#29 AR-1254-4

R.T.: 7.162 min
Delta R.T.: 0.003 min
Response: 123545834
Conc: 163.40 ng/ml



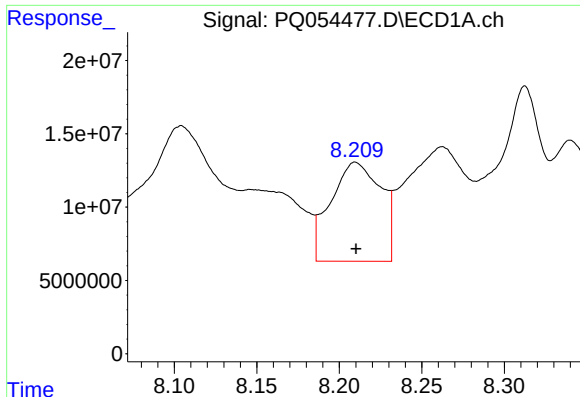
#30 AR-1254-5

R.T.: 8.769 min
Delta R.T.: 0.001 min
Response: 126734014
Conc: 110.27 ng/ml



#30 AR-1254-5

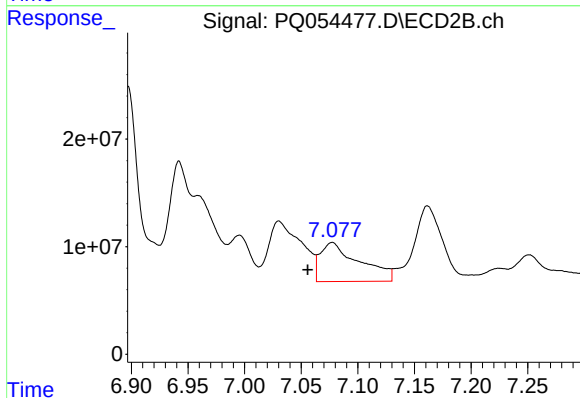
R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 61524459
Conc: 55.59 ng/ml



#31 AR-1260-1

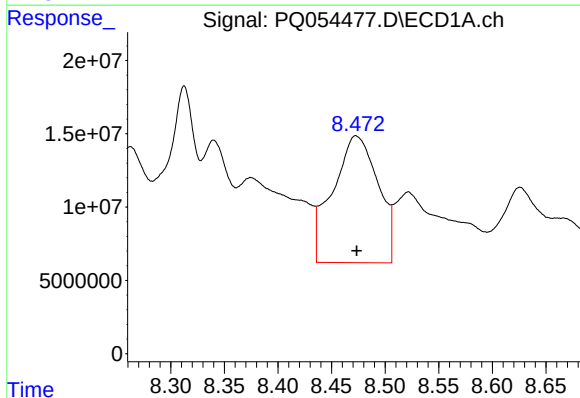
R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 142596270
Conc: 143.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



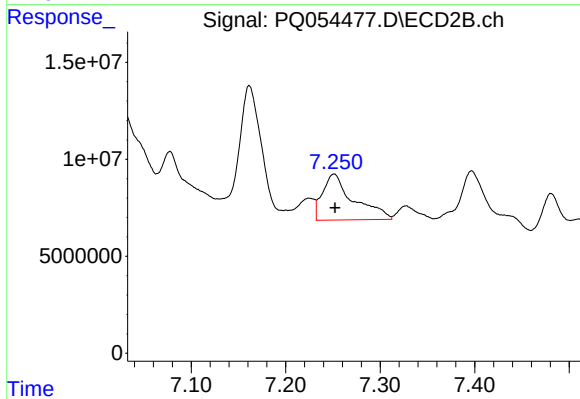
#31 AR-1260-1

R.T.: 7.077 min
Delta R.T.: 0.022 min
Response: 87290825
Conc: 116.24 ng/ml



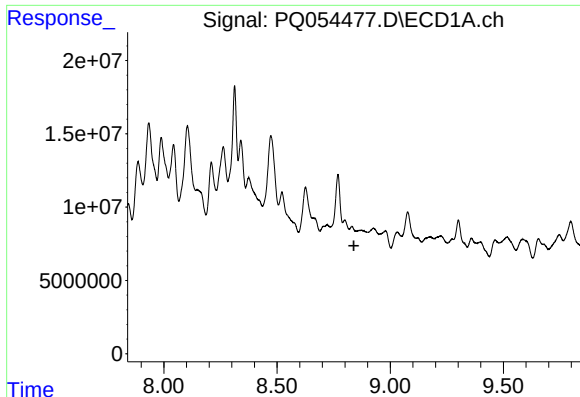
#32 AR-1260-2

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 254374994
Conc: 216.17 ng/ml



#32 AR-1260-2

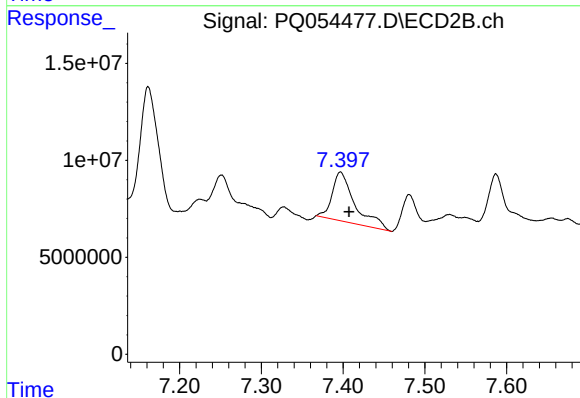
R.T.: 7.251 min
Delta R.T.: -0.001 min
Response: 54089736
Conc: 52.27 ng/ml



#33 AR-1260-3

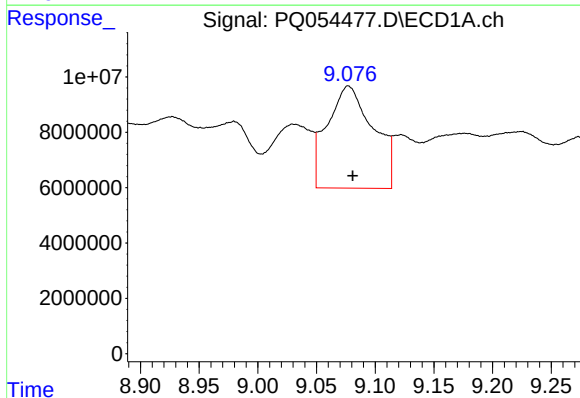
R.T.: 0.000 min
Exp R.T.: 8.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
31196



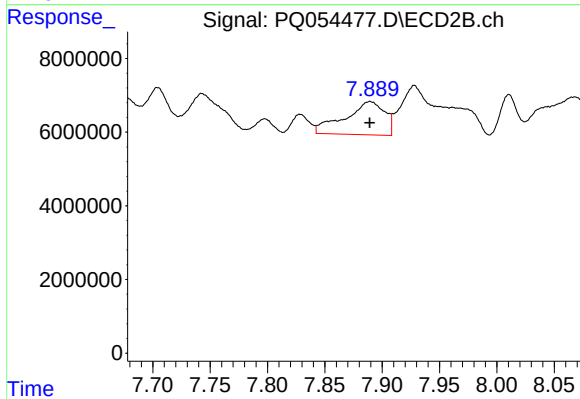
#33 AR-1260-3

R.T.: 7.397 min
Delta R.T.: -0.010 min
Response: 48640381
Conc: 55.01 ng/ml



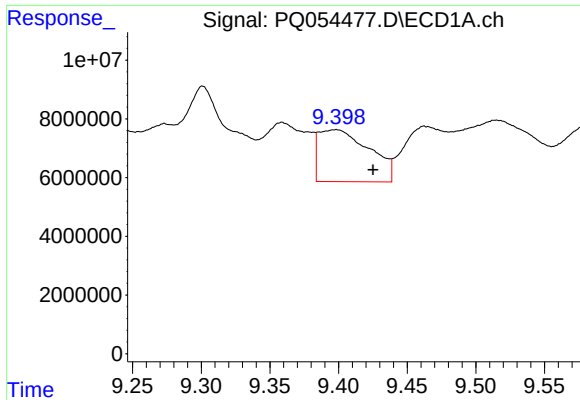
#34 AR-1260-4

R.T.: 9.077 min
Delta R.T.: -0.004 min
Response: 100661256
Conc: 107.76 ng/ml



#34 AR-1260-4

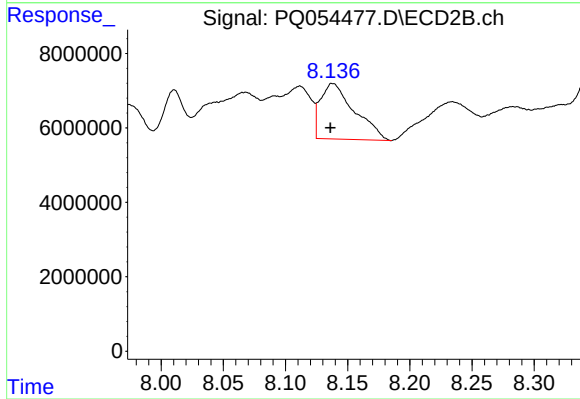
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 21811276
Conc: 31.52 ng/ml



#35 AR-1260-5

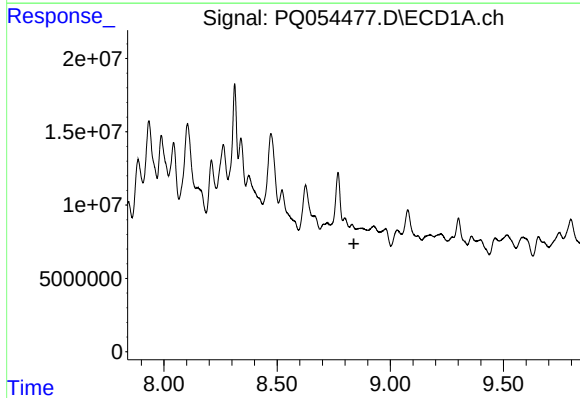
R.T.: 9.398 min
Delta R.T.: -0.027 min
Response: 45448390
Conc: 24.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



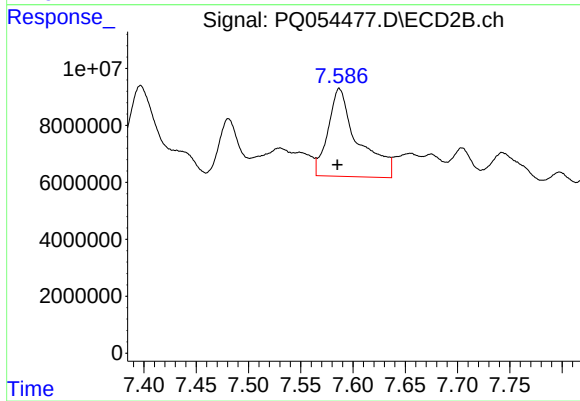
#35 AR-1260-5

R.T.: 8.138 min
Delta R.T.: 0.002 min
Response: 28518380
Conc: 14.92 ng/ml



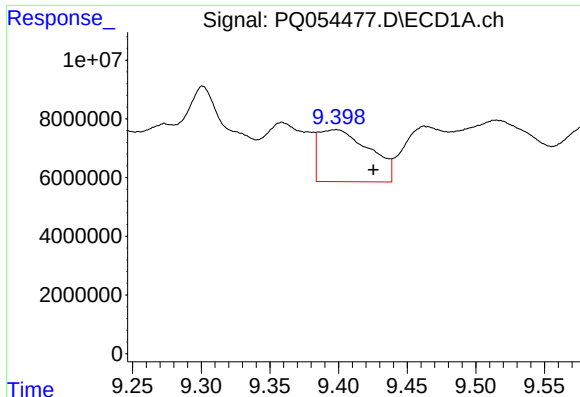
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.839 min
Response: 0
Conc: N.D.



#36 AR-1262-1

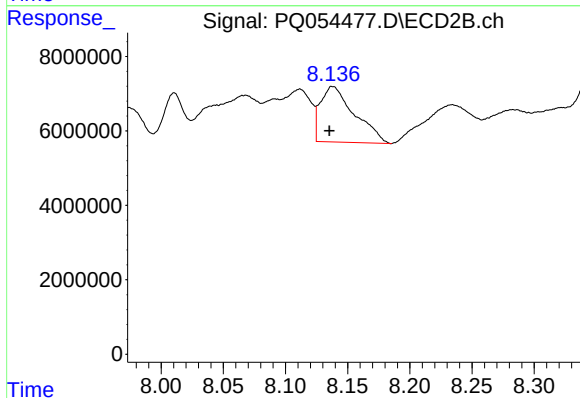
R.T.: 7.587 min
Delta R.T.: 0.002 min
Response: 61524459
Conc: 119.08 ng/ml



#37 AR-1262-2

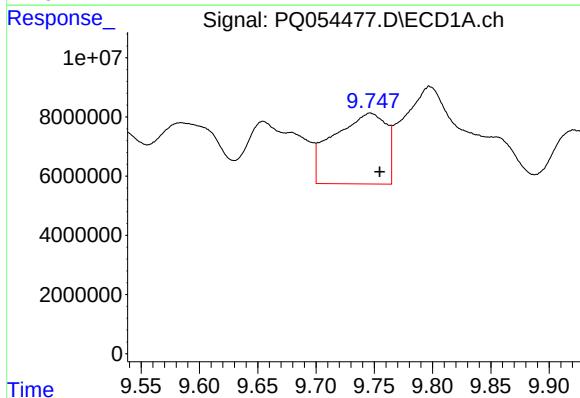
R.T.: 9.398 min
Delta R.T.: -0.027 min
Response: 45448390
Conc: 20.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



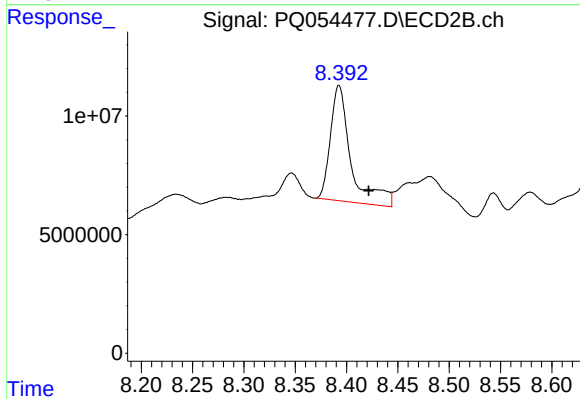
#37 AR-1262-2

R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 28518380
Conc: 12.88 ng/ml



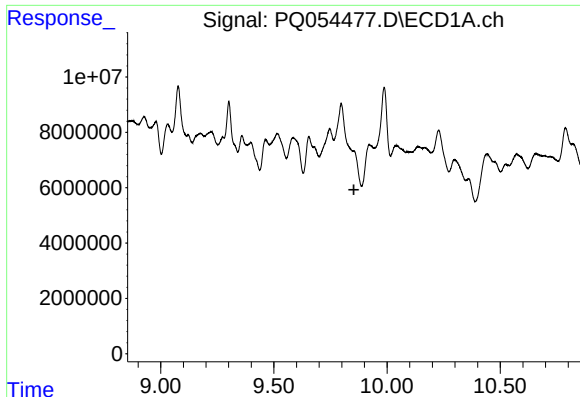
#38 AR-1262-3

R.T.: 9.747 min
Delta R.T.: -0.008 min
Response: 75263592
Conc: 84.50 ng/ml



#38 AR-1262-3

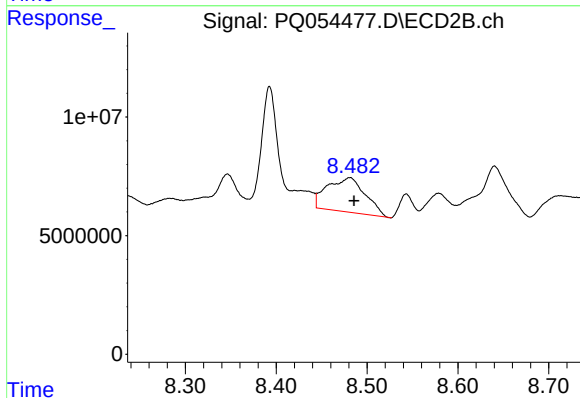
R.T.: 8.393 min
Delta R.T.: -0.029 min
Response: 67962607
Conc: 76.60 ng/ml



#39 AR-1262-4

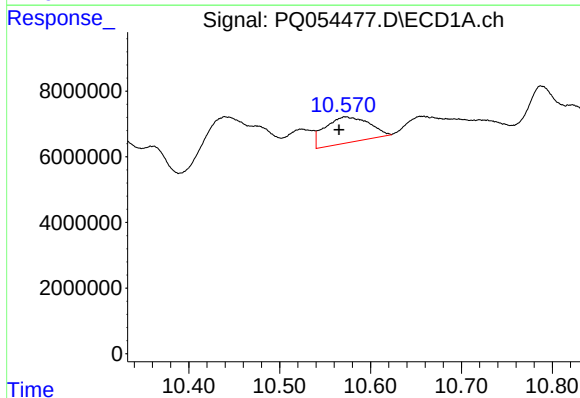
R.T.: 0.000 min
Exp R.T.: 9.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
31196



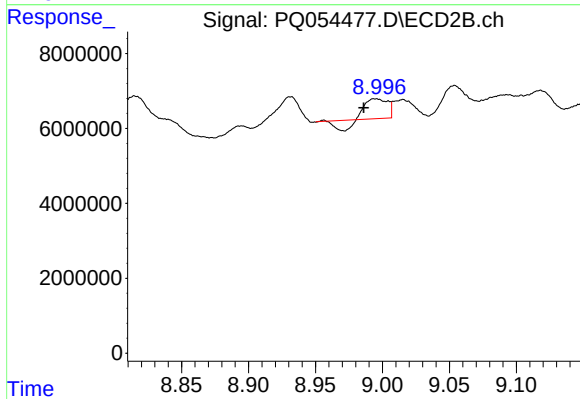
#39 AR-1262-4

R.T.: 8.481 min
Delta R.T.: -0.005 min
Response: 41881040
Conc: 27.54 ng/ml



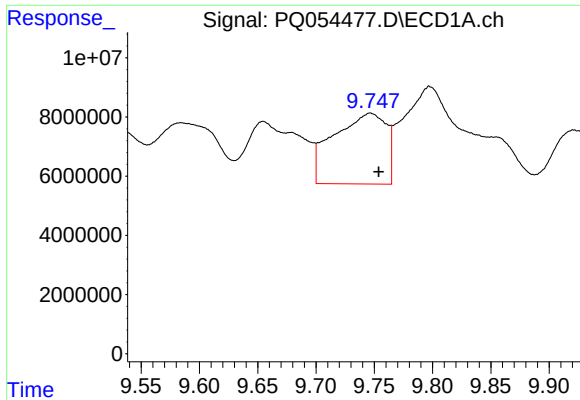
#40 AR-1262-5

R.T.: 10.573 min
Delta R.T.: 0.007 min
Response: 26526948
Conc: 34.52 ng/ml



#40 AR-1262-5

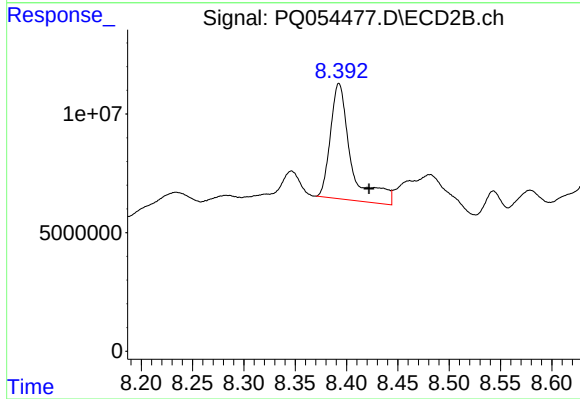
R.T.: 8.995 min
Delta R.T.: 0.008 min
Response: 4068813
Conc: 5.92 ng/ml



#41 AR-1268-1

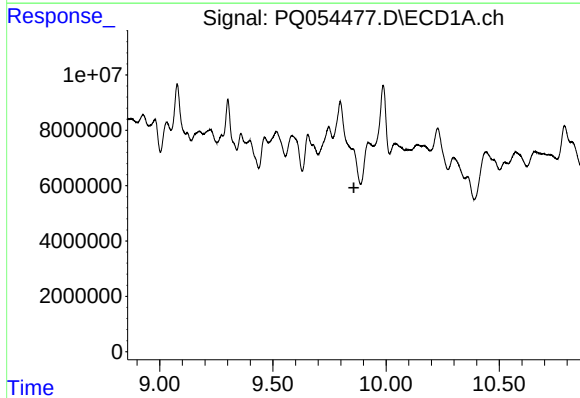
R.T.: 9.747 min
Delta R.T.: -0.007 min
Response: 75263592
Conc: 30.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



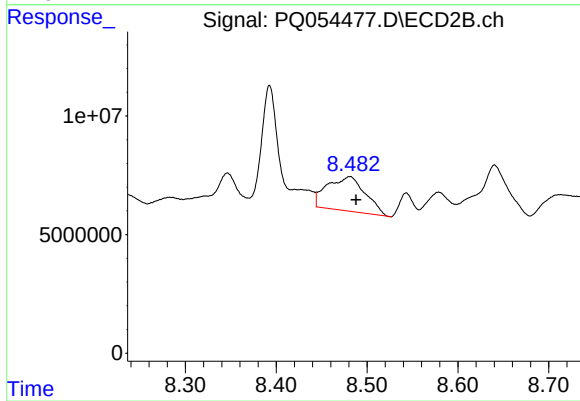
#41 AR-1268-1

R.T.: 8.393 min
Delta R.T.: -0.029 min
Response: 67962607
Conc: 25.04 ng/ml



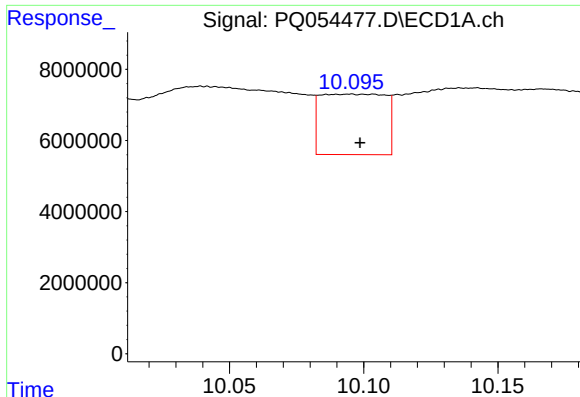
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.858 min
Response: 0
Conc: N.D.



#42 AR-1268-2

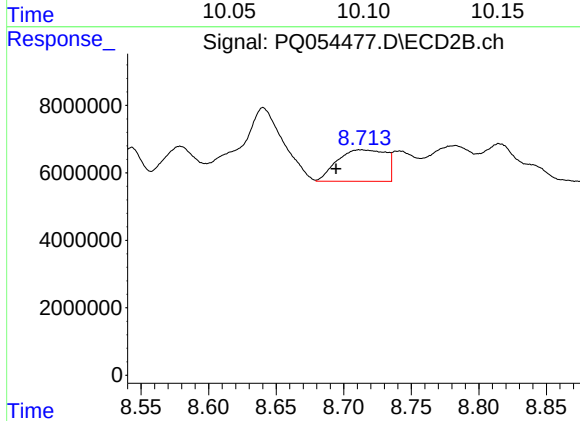
R.T.: 8.481 min
Delta R.T.: -0.007 min
Response: 41881040
Conc: 18.18 ng/ml



#43 AR-1268-3

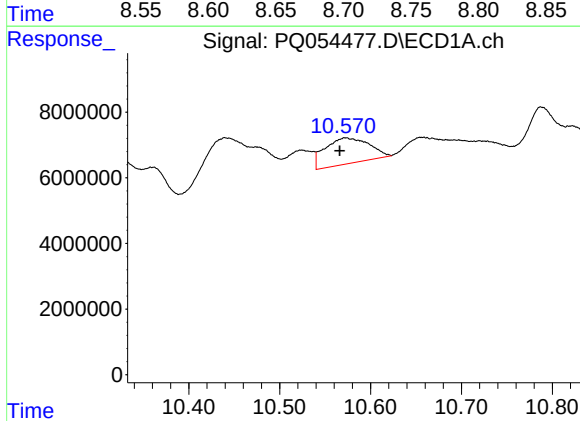
R.T.: 10.103 min
Delta R.T.: 0.005 min
Response: 28544049
Conc: 14.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



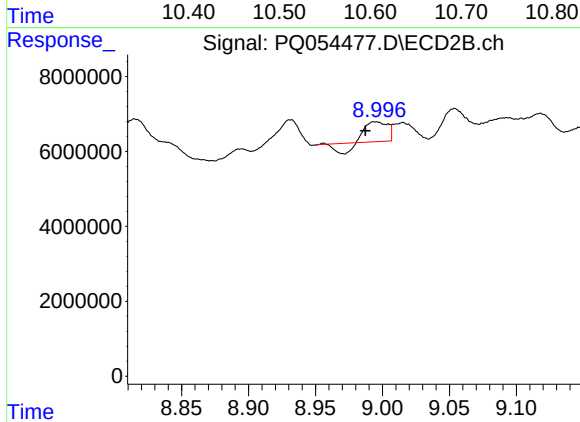
#43 AR-1268-3

R.T.: 8.713 min
Delta R.T.: 0.018 min
Response: 23404911
Conc: 11.61 ng/ml



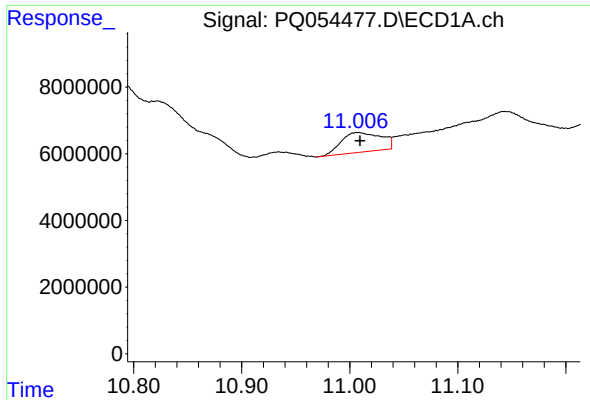
#44 AR-1268-4

R.T.: 10.573 min
Delta R.T.: 0.006 min
Response: 26526948
Conc: 31.09 ng/ml



#44 AR-1268-4

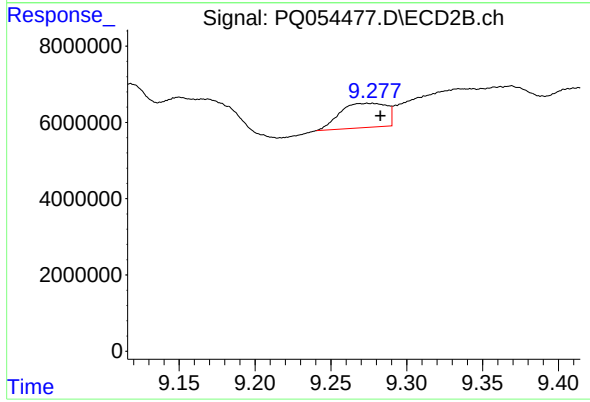
R.T.: 8.995 min
Delta R.T.: 0.007 min
Response: 4068813
Conc: 5.23 ng/ml



#45 AR-1268-5

R.T.: 11.008 min
Delta R.T.: -0.002 min
Response: 15185709
Conc: 2.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
31196



#45 AR-1268-5

R.T.: 9.269 min
Delta R.T.: -0.013 min
Response: 13603298
Conc: 2.37 ng/ml