

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
 Data File : PQ044377.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2019 13:38
 Operator : HP\AJ
 Sample : K5322-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ESP30

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 04:39:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 02:55:10 2019
 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...	5.327	4.356	100.9E6	110.2E6	25.950	24.698
2)	SA Decachlor...	11.616	9.803	264.6E6	337.1E6	49.391	56.352
Target Compounds							
3)	L1 AR-1016-1	0.000	5.709	0	4461517	N.D.	32.525 #
4)	L1 AR-1016-2	0.000	5.709	0	4461517	N.D.	20.149 #
6)	L1 AR-1016-4	0.000	5.975	0	19308116	N.D.	206.605 #
7)	L1 AR-1016-5	7.162	6.125	12822411	6207541	169.528	50.765 #
12)	L3 AR-1232-2	6.358	5.709	21931898	4461517	564.600	42.301 #
14)	L3 AR-1232-4	0.000	5.975	0	19308116	N.D.	409.404 #
15)	L3 AR-1232-5	6.953	6.125	5600186	6207541	198.621	113.559 #
16)	L4 AR-1242-1	0.000	5.709	0	4461517	N.D.	37.642 #
17)	L4 AR-1242-2	0.000	5.709	0	4461517	N.D.	23.649 #
18)	L4 AR-1242-3	0.000	5.788	0	4774989	N.D.	51.628 #
19)	L4 AR-1242-4	0.000	5.975	0	19308116	N.D.	196.443 #
20)	L4 AR-1242-5	7.563	6.531	21105075	45865197	277.607	359.939 #
22)	L5 AR-1248-2	6.953	0.000	5600186	0	56.533	N.D. #
23)	L5 AR-1248-3	7.162	5.975	12822411	19308116	118.728	136.525
24)	L5 AR-1248-4	7.563	6.125	21105075	6207541	167.631	36.140 #
25)	L5 AR-1248-5	7.563	6.579	21105075	46041168	174.309	275.005 #
26)	L6 AR-1254-1	7.563	6.531	21105075	45865197	156.848	157.252
27)	L6 AR-1254-2	7.814	6.688	54826522	50260959	256.648	192.498
28)	L6 AR-1254-3	8.140	7.103	18144787	88501952	73.745	202.565 #
29)	L6 AR-1254-4	8.473	7.346	36774306	134.8E6	183.359	501.787 #
30)	L6 AR-1254-5	8.913	7.786	19935190	75645841	83.291	189.179 #
31)	L7 AR-1260-1	8.354	7.257	32242683	52229136	214.190	214.808
32)	L7 AR-1260-2	8.613	7.443	12409385	129.4E6	63.052	428.595 #
33)	L7 AR-1260-3	8.991	7.607	5322898	54756580	33.199	194.573 #
34)	L7 AR-1260-4	9.238	8.133	16283535	27953229	83.397	111.115 #
35)	L7 AR-1260-5	9.591	8.316	22370372	77842692	48.931	121.453 #
36)	L8 AR-1262-1	9.057	7.786	1434490	75645841	13.208	387.633 #
37)	L8 AR-1262-2	9.591	8.316	22370372	77842692	38.846	98.387 #
38)	L8 AR-1262-3	9.952	0.000	7166489	0	17.274	N.D. #
39)	L8 AR-1262-4	9.952	8.722	7166489	41366009	22.749	67.875 #
40)	L8 AR-1262-5	10.821	9.195	5759396	23775786	22.658	84.794 #
41)	L9 AR-1268-1	9.952	0.000	7166489	0	10.022	N.D. #
42)	L9 AR-1268-2	0.000	8.722	0	41366009	N.D.	45.489 #
43)	L9 AR-1268-3	10.292	8.906	5473425	93842937	9.536	123.886 #
44)	L9 AR-1268-4	10.821	9.195	5759396	23775786	19.991	72.711 #
45)	L9 AR-1268-5	11.237	9.528	4839167	6535692	2.226	2.509

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

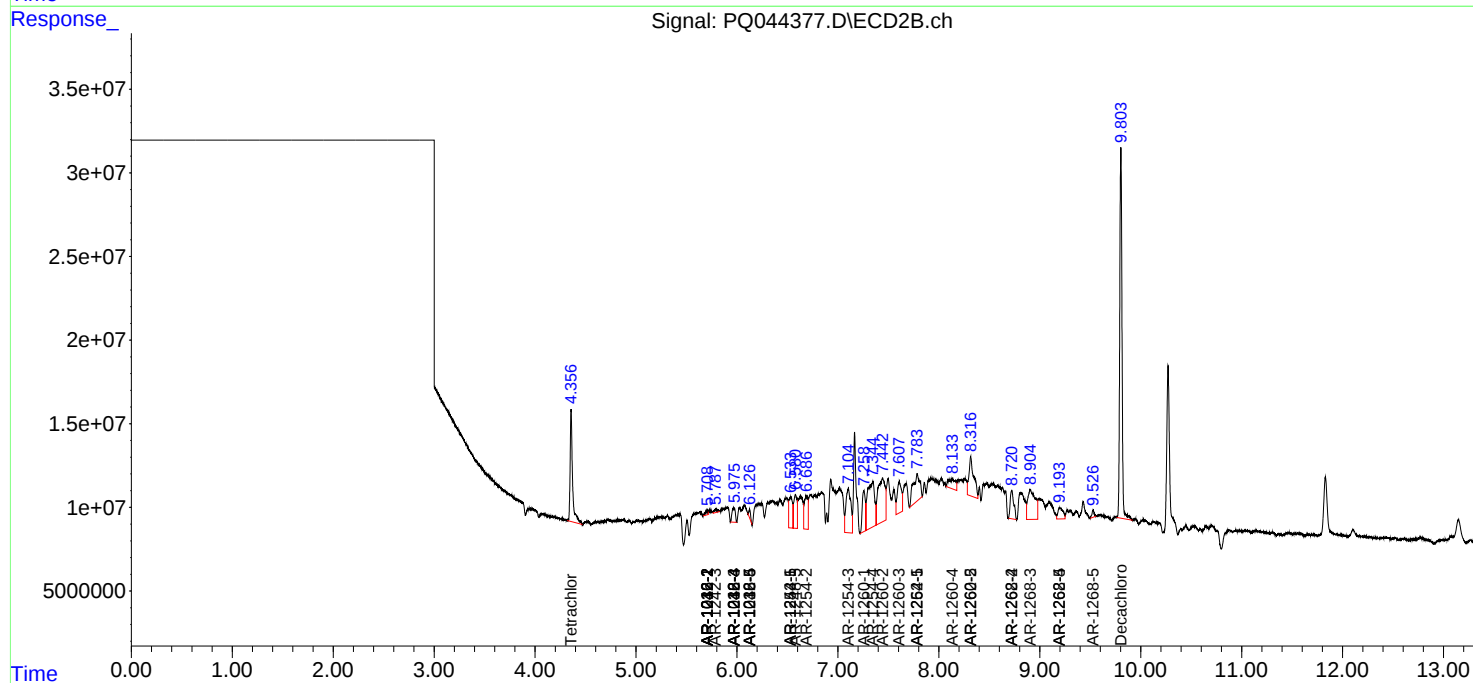
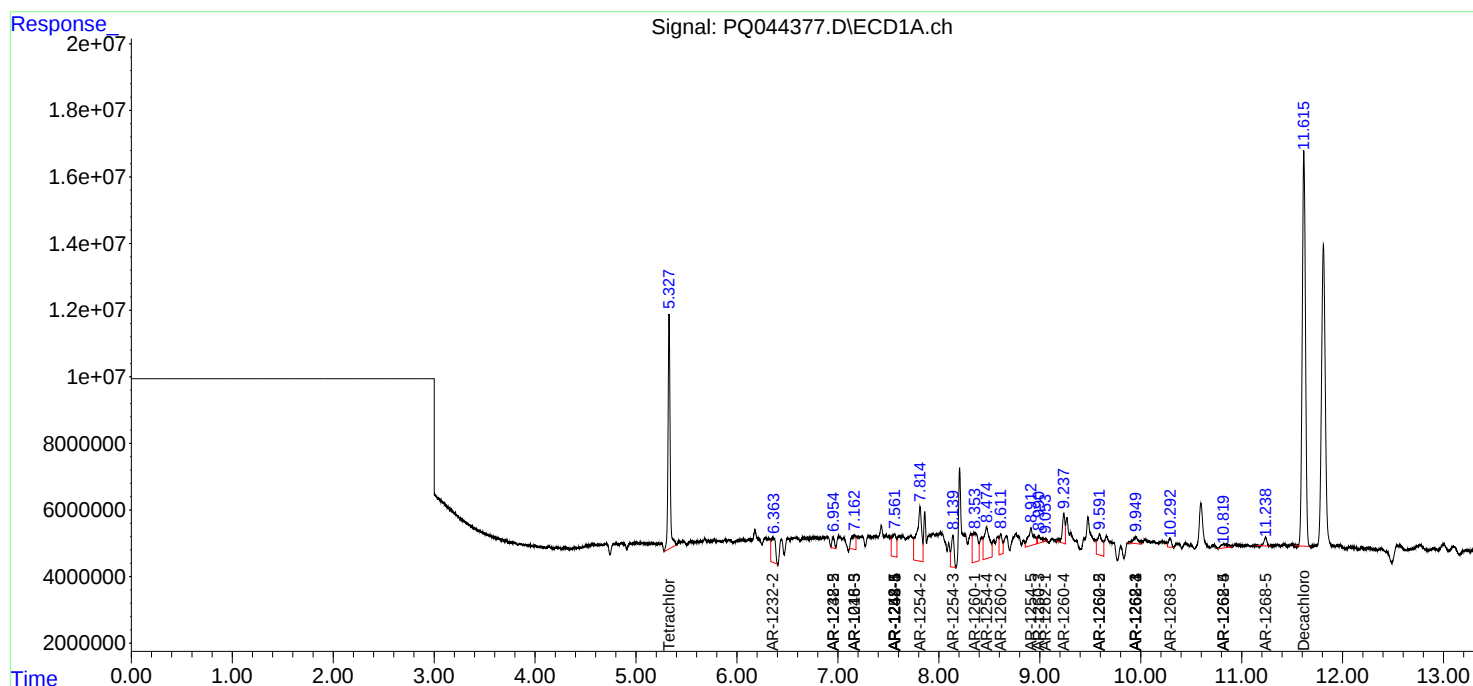
Instrument :
ECD_Q
ClientSampleId :
ESP30

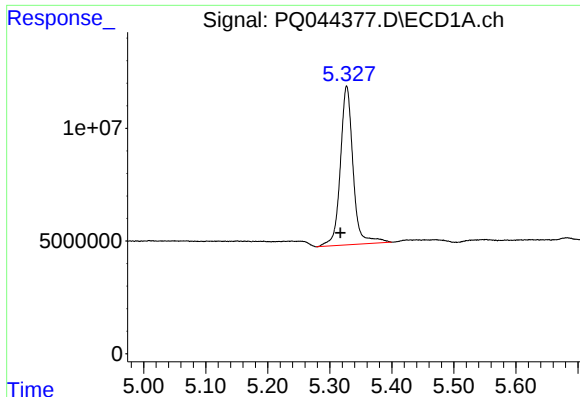
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
Data File : PQ044377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2019 13:38
Operator : HP\AJ
Sample : K5322-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ESP30

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 04:39:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100819CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 10 02:55:10 2019
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

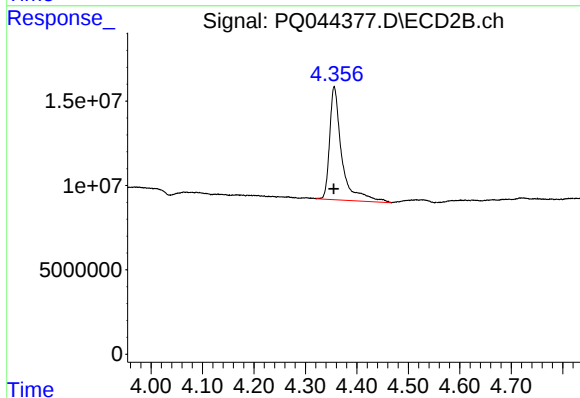




#1 Tetrachloro-m-xylene

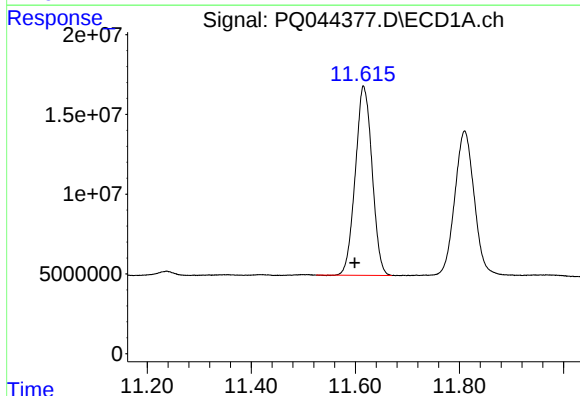
R.T.: 5.327 min
Delta R.T.: 0.010 min
Response: 100885645
Conc: 25.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



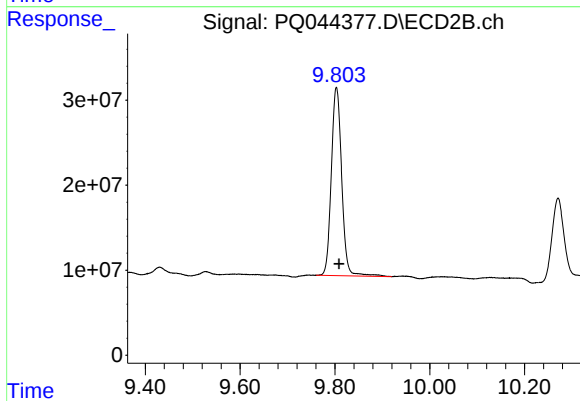
#1 Tetrachloro-m-xylene

R.T.: 4.356 min
Delta R.T.: 0.001 min
Response: 110246616
Conc: 24.70 ng/ml



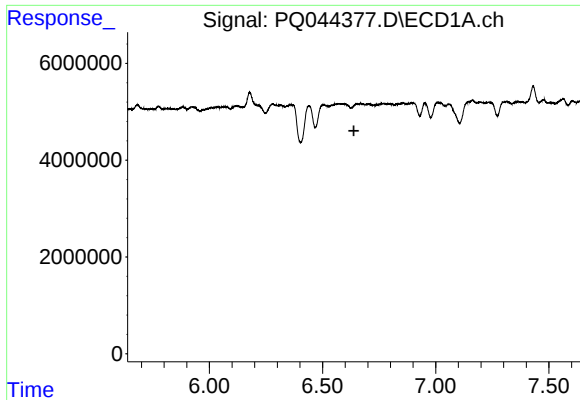
#2 Decachlorobiphenyl

R.T.: 11.616 min
Delta R.T.: 0.017 min
Response: 264611791
Conc: 49.39 ng/ml



#2 Decachlorobiphenyl

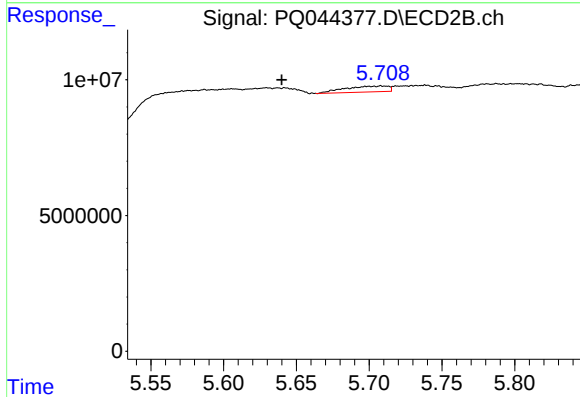
R.T.: 9.803 min
Delta R.T.: -0.005 min
Response: 337062179
Conc: 56.35 ng/ml



#3 AR-1016-1

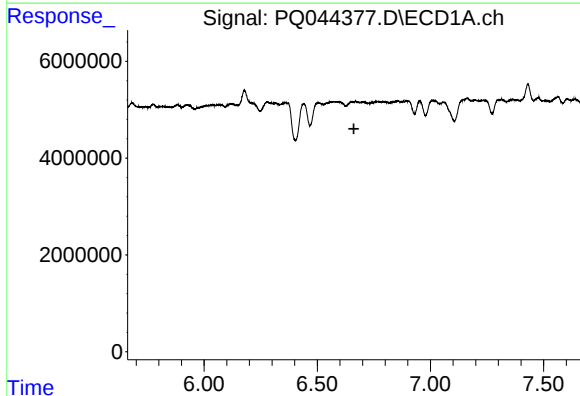
R.T.: 0.000 min
Exp R.T.: 6.639 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP30



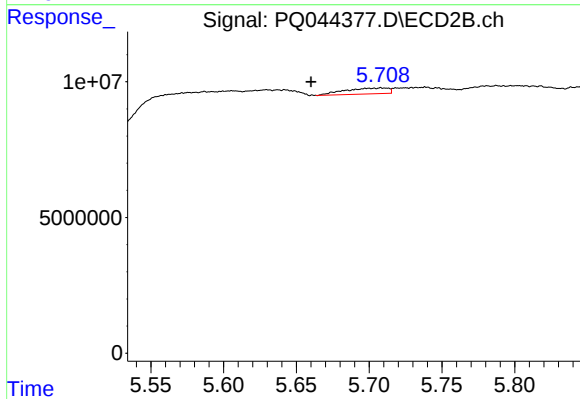
#3 AR-1016-1

R.T.: 5.709 min
Delta R.T.: 0.069 min
Response: 4461517
Conc: 32.52 ng/ml



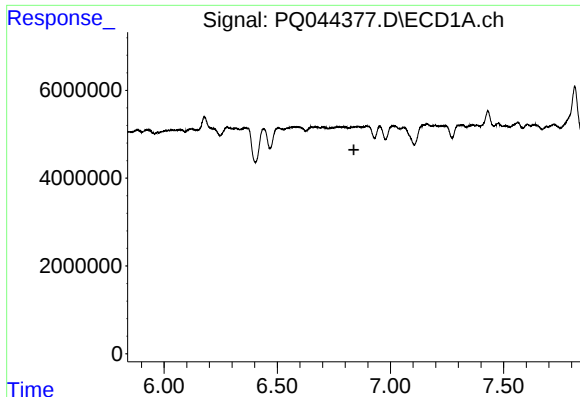
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.



#4 AR-1016-2

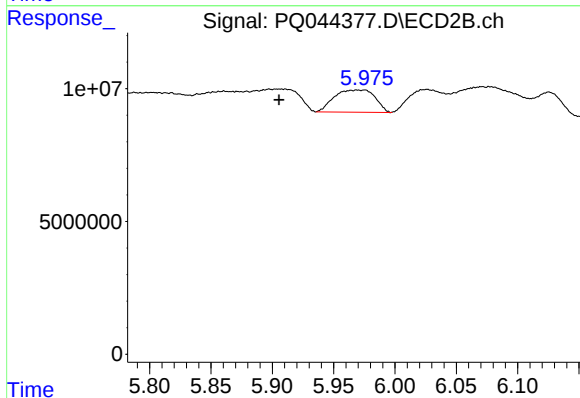
R.T.: 5.709 min
Delta R.T.: 0.049 min
Response: 4461517
Conc: 20.15 ng/ml



#6 AR-1016-4

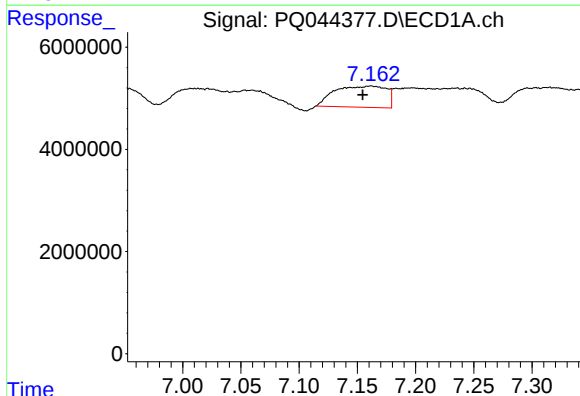
R.T.: 0.000 min
Exp R.T.: 6.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP30



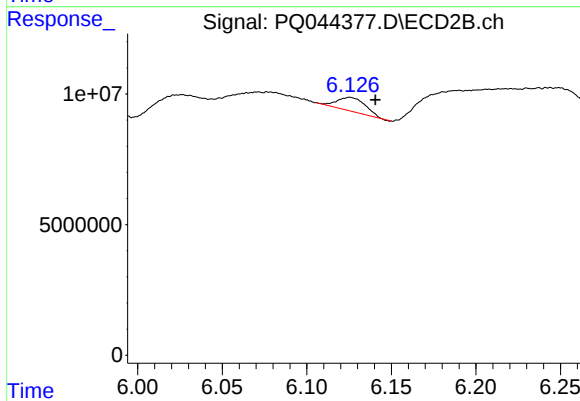
#6 AR-1016-4

R.T.: 5.975 min
Delta R.T.: 0.069 min
Response: 19308116
Conc: 206.61 ng/ml



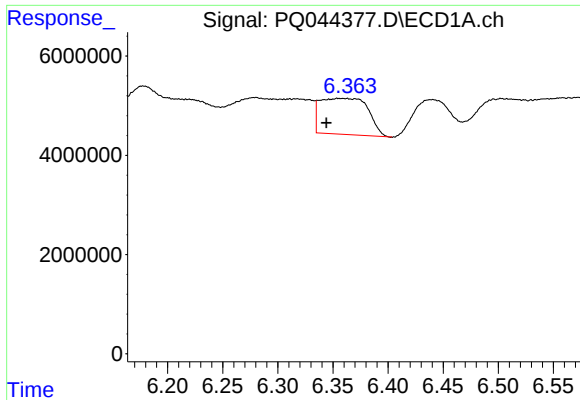
#7 AR-1016-5

R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 12822411
Conc: 169.53 ng/ml



#7 AR-1016-5

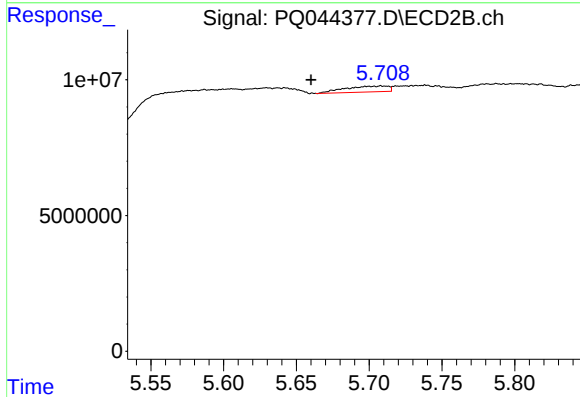
R.T.: 6.125 min
Delta R.T.: -0.015 min
Response: 6207541
Conc: 50.77 ng/ml



#12 AR-1232-2

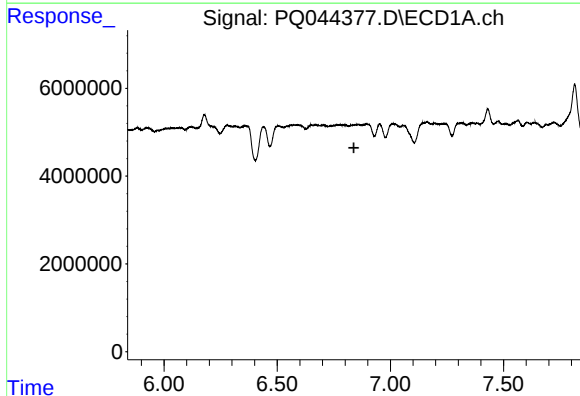
R.T.: 6.358 min
Delta R.T.: 0.013 min
Response: 21931898
Conc: 564.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



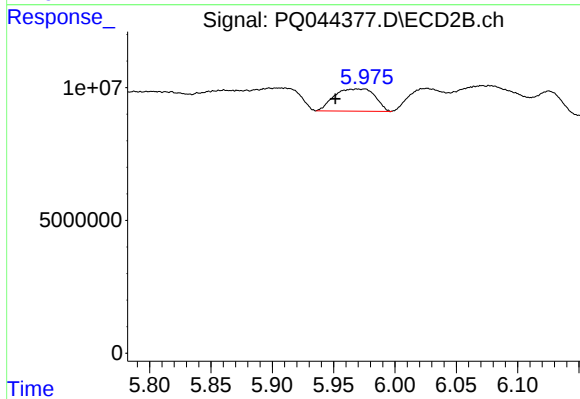
#12 AR-1232-2

R.T.: 5.709 min
Delta R.T.: 0.049 min
Response: 4461517
Conc: 42.30 ng/ml



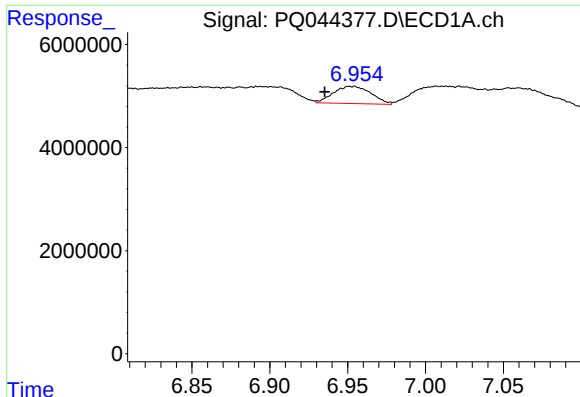
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#14 AR-1232-4

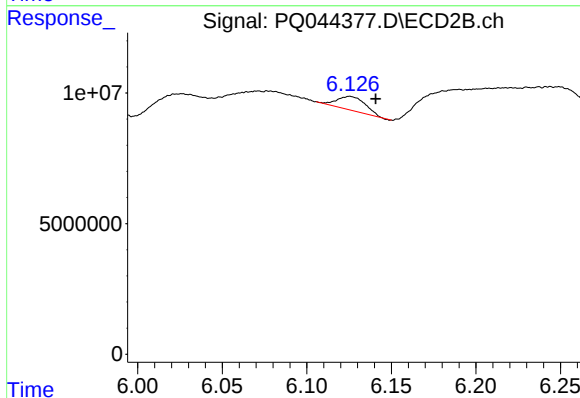
R.T.: 5.975 min
Delta R.T.: 0.024 min
Response: 19308116
Conc: 409.40 ng/ml



#15 AR-1232-5

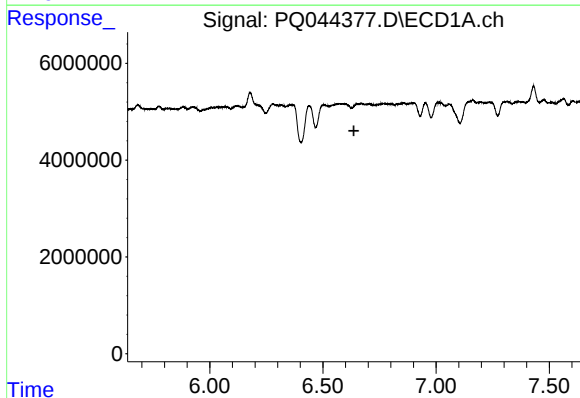
R.T.: 6.953 min
Delta R.T.: 0.018 min
Response: 5600186
Conc: 198.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



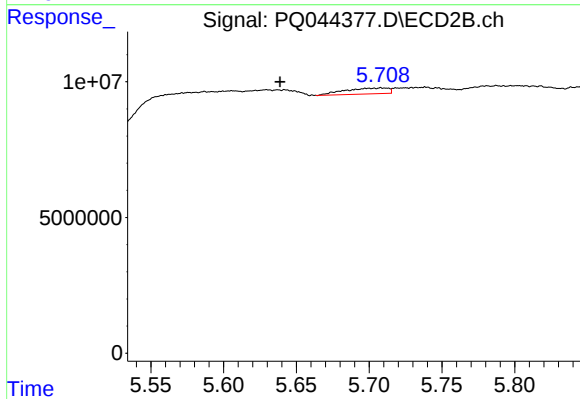
#15 AR-1232-5

R.T.: 6.125 min
Delta R.T.: -0.015 min
Response: 6207541
Conc: 113.56 ng/ml



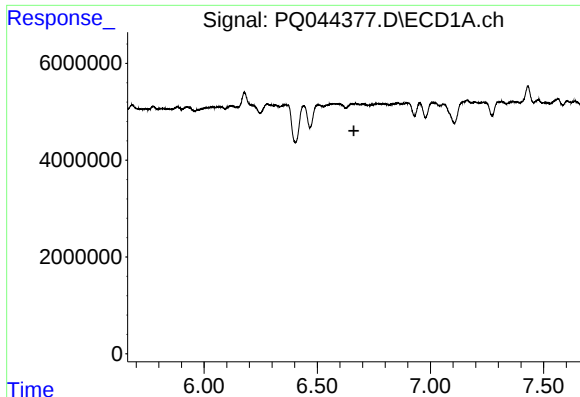
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.637 min
Response: 0
Conc: N.D.



#16 AR-1242-1

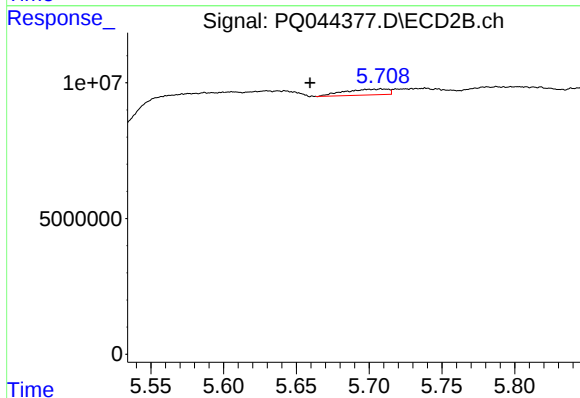
R.T.: 5.709 min
Delta R.T.: 0.070 min
Response: 4461517
Conc: 37.64 ng/ml



#17 AR-1242-2

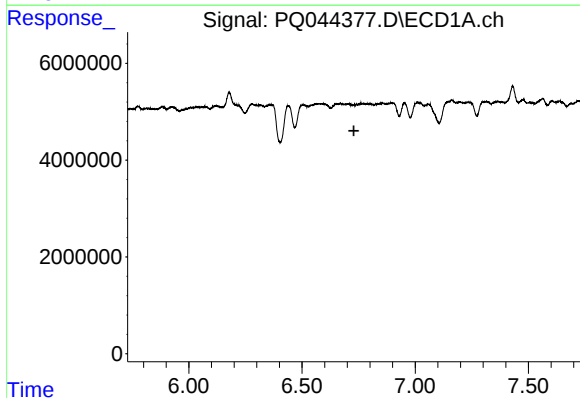
R.T.: 0.000 min
Exp R.T.: 6.662 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP30



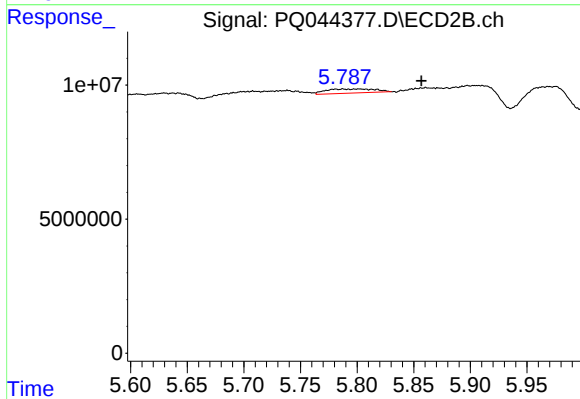
#17 AR-1242-2

R.T.: 5.709 min
Delta R.T.: 0.049 min
Response: 4461517
Conc: 23.65 ng/ml



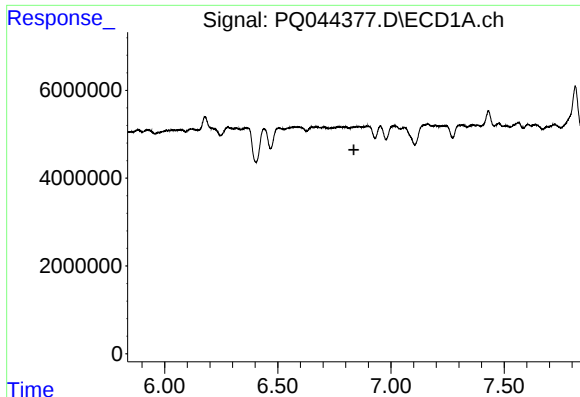
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.



#18 AR-1242-3

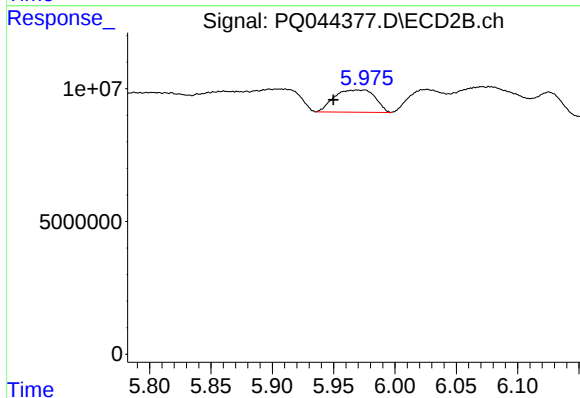
R.T.: 5.788 min
Delta R.T.: -0.069 min
Response: 4774989
Conc: 51.63 ng/ml



#19 AR-1242-4

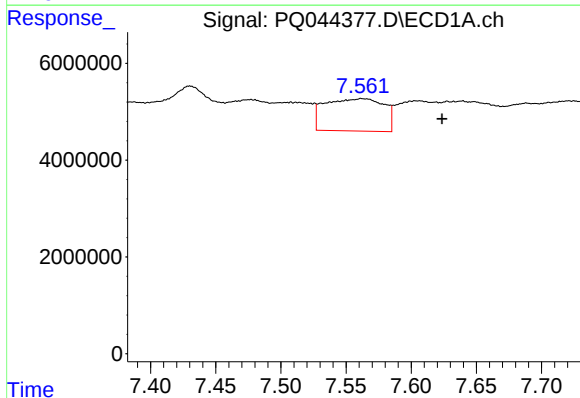
R.T.: 0.000 min
Exp R.T.: 6.836 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP30



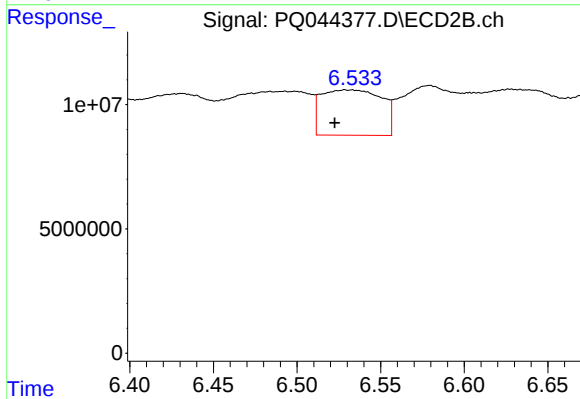
#19 AR-1242-4

R.T.: 5.975 min
Delta R.T.: 0.025 min
Response: 19308116
Conc: 196.44 ng/ml



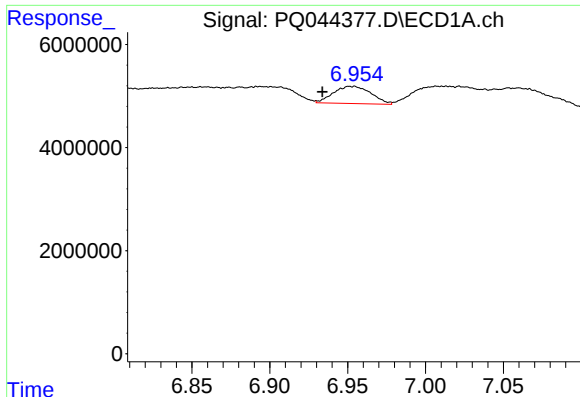
#20 AR-1242-5

R.T.: 7.563 min
Delta R.T.: -0.061 min
Response: 21105075
Conc: 277.61 ng/ml



#20 AR-1242-5

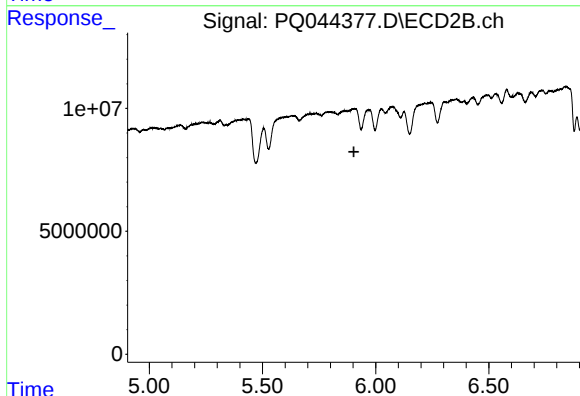
R.T.: 6.531 min
Delta R.T.: 0.008 min
Response: 45865197
Conc: 359.94 ng/ml



#22 AR-1248-2

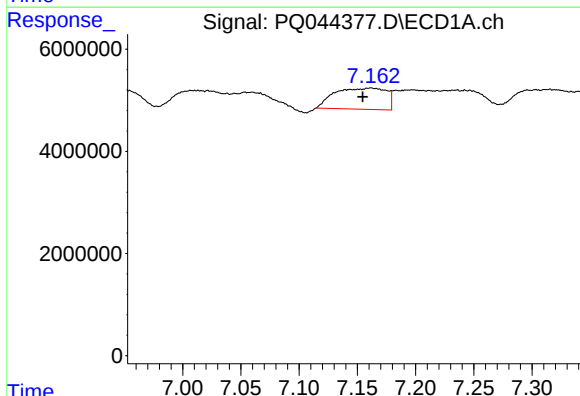
R.T.: 6.953 min
Delta R.T.: 0.019 min
Response: 5600186
Conc: 56.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



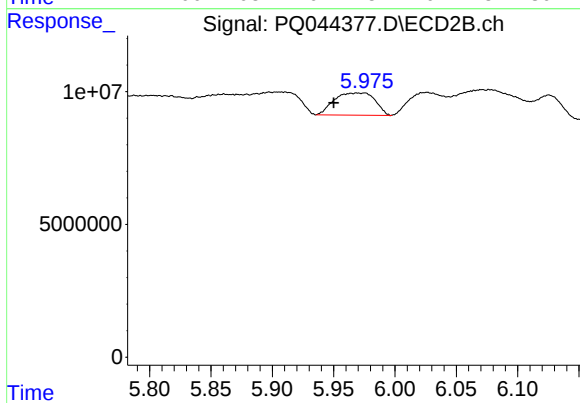
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.904 min
Response: 0
Conc: N.D.



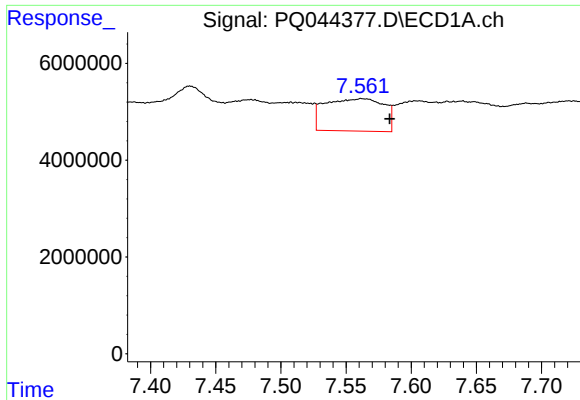
#23 AR-1248-3

R.T.: 7.162 min
Delta R.T.: 0.007 min
Response: 12822411
Conc: 118.73 ng/ml



#23 AR-1248-3

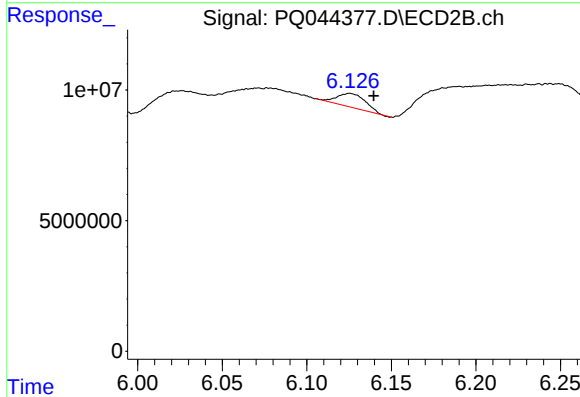
R.T.: 5.975 min
Delta R.T.: 0.025 min
Response: 19308116
Conc: 136.53 ng/ml



#24 AR-1248-4

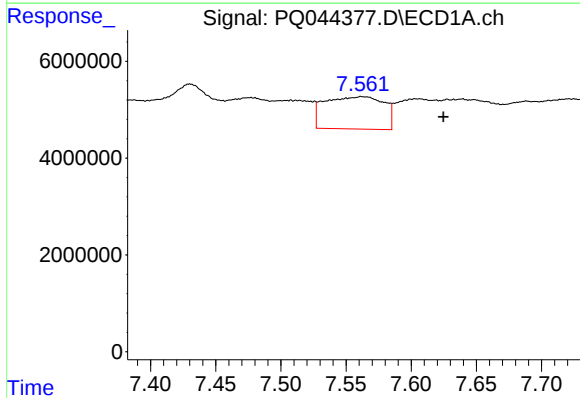
R.T.: 7.563 min
Delta R.T.: -0.020 min
Response: 21105075
Conc: 167.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



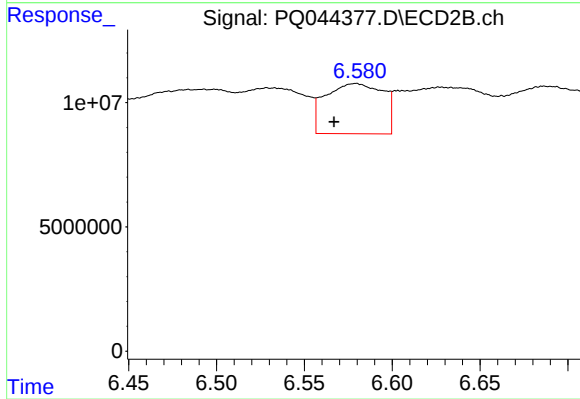
#24 AR-1248-4

R.T.: 6.125 min
Delta R.T.: -0.014 min
Response: 6207541
Conc: 36.14 ng/ml



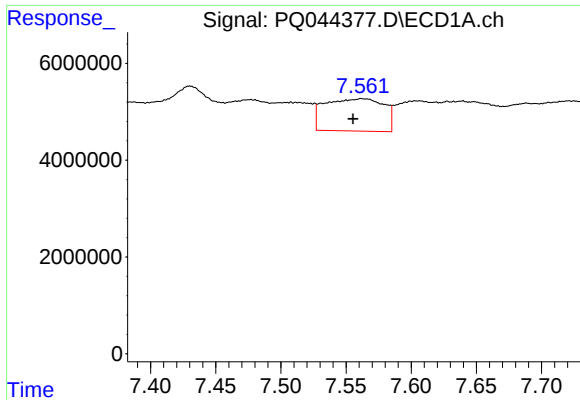
#25 AR-1248-5

R.T.: 7.563 min
Delta R.T.: -0.062 min
Response: 21105075
Conc: 174.31 ng/ml



#25 AR-1248-5

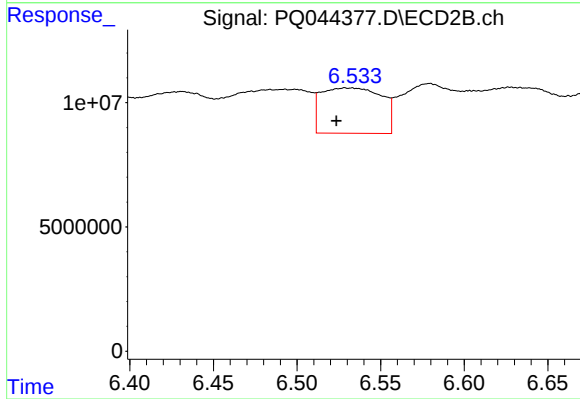
R.T.: 6.579 min
Delta R.T.: 0.012 min
Response: 46041168
Conc: 275.00 ng/ml



#26 AR-1254-1

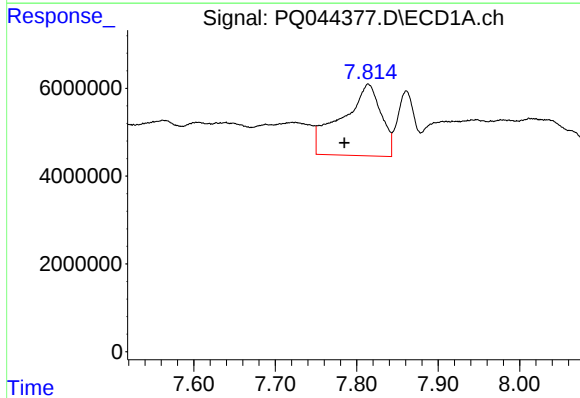
R.T.: 7.563 min
Delta R.T.: 0.008 min
Response: 21105075
Conc: 156.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



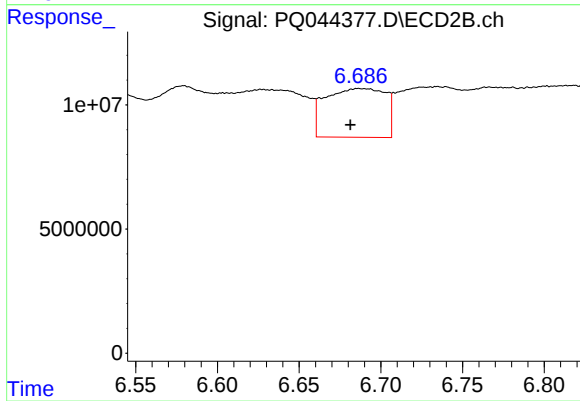
#26 AR-1254-1

R.T.: 6.531 min
Delta R.T.: 0.007 min
Response: 45865197
Conc: 157.25 ng/ml



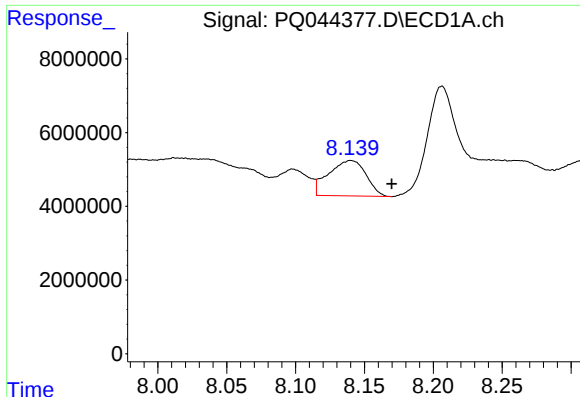
#27 AR-1254-2

R.T.: 7.814 min
Delta R.T.: 0.030 min
Response: 54826522
Conc: 256.65 ng/ml



#27 AR-1254-2

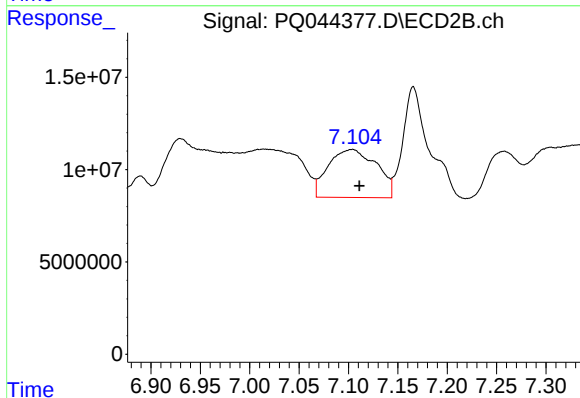
R.T.: 6.688 min
Delta R.T.: 0.006 min
Response: 50260959
Conc: 192.50 ng/ml



#28 AR-1254-3

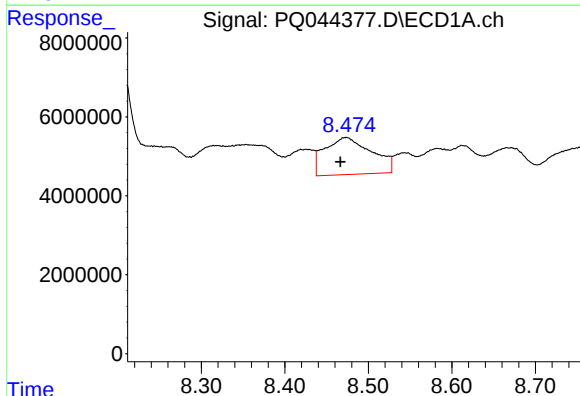
R.T.: 8.140 min
Delta R.T.: -0.030 min
Response: 18144787
Conc: 73.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



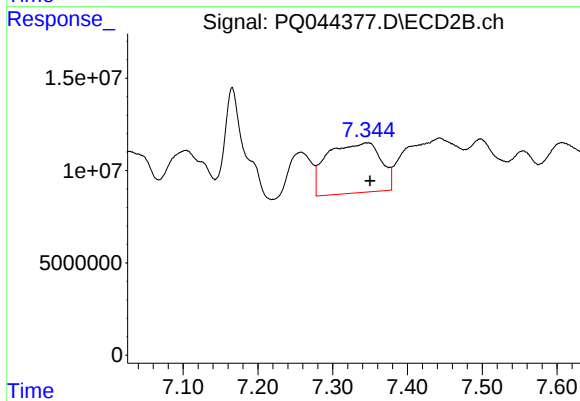
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: -0.008 min
Response: 88501952
Conc: 202.56 ng/ml



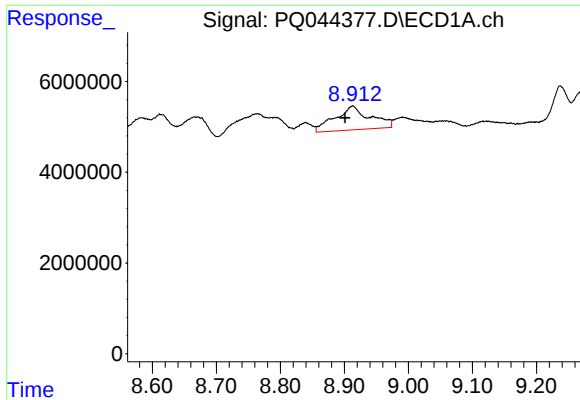
#29 AR-1254-4

R.T.: 8.473 min
Delta R.T.: 0.007 min
Response: 36774306
Conc: 183.36 ng/ml



#29 AR-1254-4

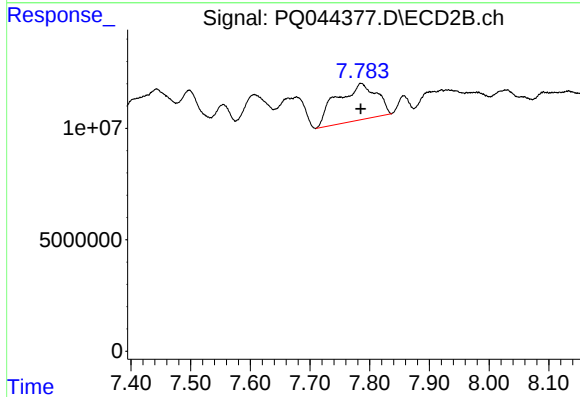
R.T.: 7.346 min
Delta R.T.: -0.004 min
Response: 134792875
Conc: 501.79 ng/ml



#30 AR-1254-5

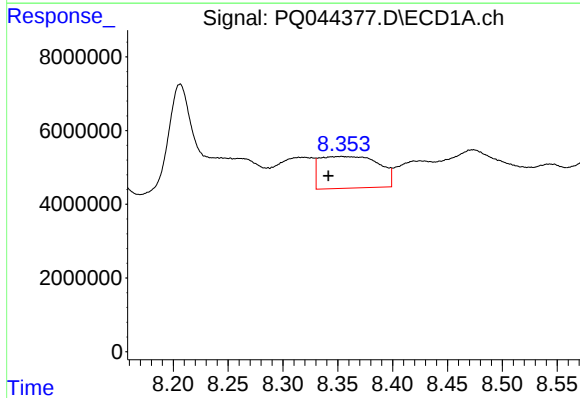
R.T.: 8.913 min
Delta R.T.: 0.012 min
Response: 19935190
Conc: 83.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



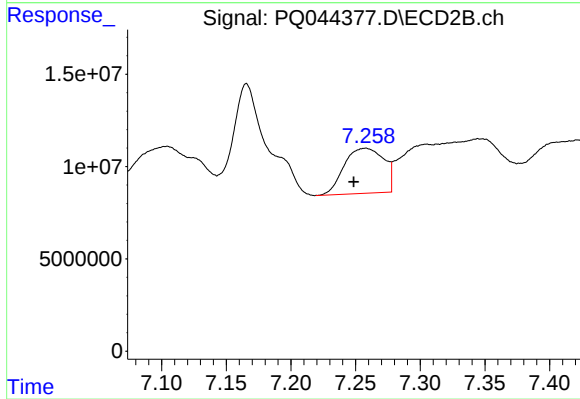
#30 AR-1254-5

R.T.: 7.786 min
Delta R.T.: 0.001 min
Response: 75645841
Conc: 189.18 ng/ml



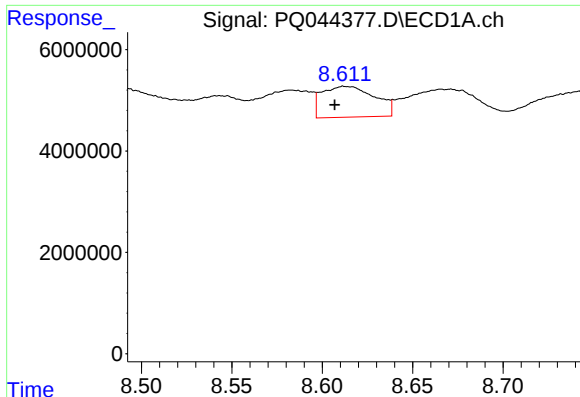
#31 AR-1260-1

R.T.: 8.354 min
Delta R.T.: 0.012 min
Response: 32242683
Conc: 214.19 ng/ml



#31 AR-1260-1

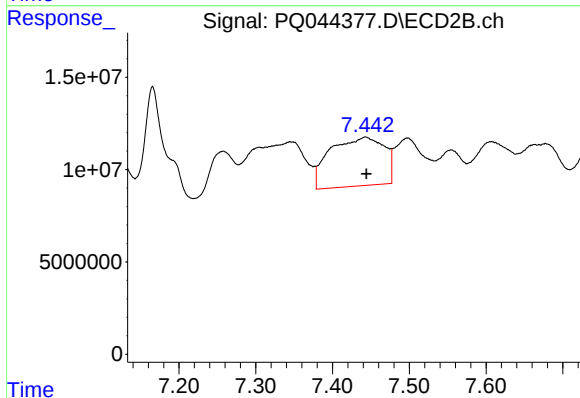
R.T.: 7.257 min
Delta R.T.: 0.009 min
Response: 52229136
Conc: 214.81 ng/ml



#32 AR-1260-2

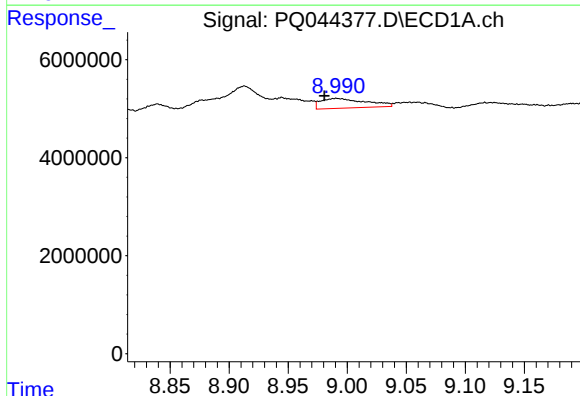
R.T.: 8.613 min
Delta R.T.: 0.006 min
Response: 12409385
Conc: 63.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



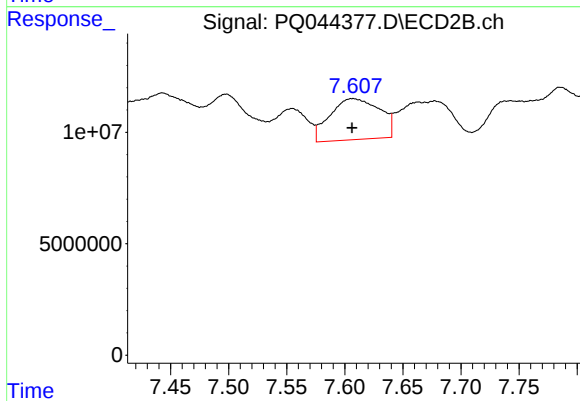
#32 AR-1260-2

R.T.: 7.443 min
Delta R.T.: -0.001 min
Response: 129373577
Conc: 428.59 ng/ml



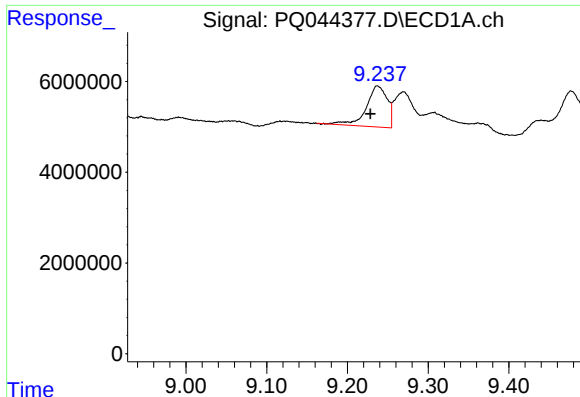
#33 AR-1260-3

R.T.: 8.991 min
Delta R.T.: 0.011 min
Response: 5322898
Conc: 33.20 ng/ml



#33 AR-1260-3

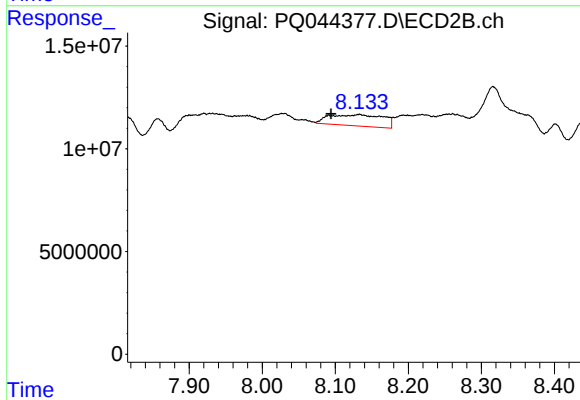
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 54756580
Conc: 194.57 ng/ml



#34 AR-1260-4

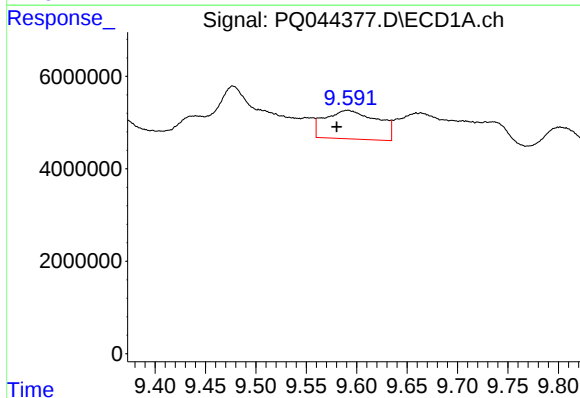
R.T.: 9.238 min
Delta R.T.: 0.009 min
Response: 16283535
Conc: 83.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



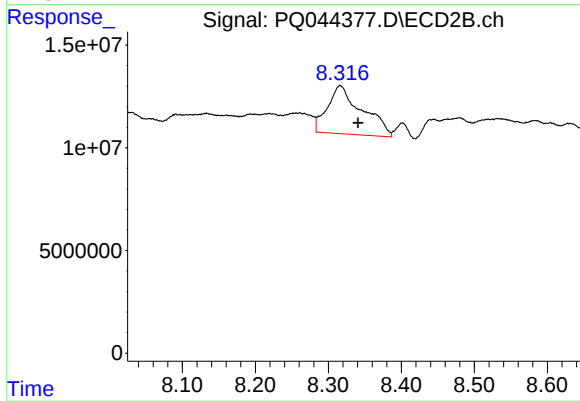
#34 AR-1260-4

R.T.: 8.133 min
Delta R.T.: 0.039 min
Response: 27953229
Conc: 111.11 ng/ml



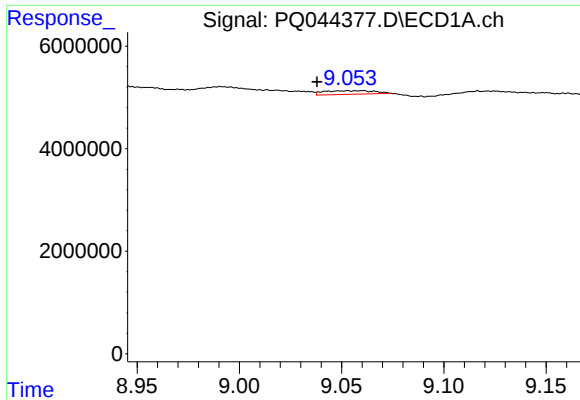
#35 AR-1260-5

R.T.: 9.591 min
Delta R.T.: 0.011 min
Response: 22370372
Conc: 48.93 ng/ml



#35 AR-1260-5

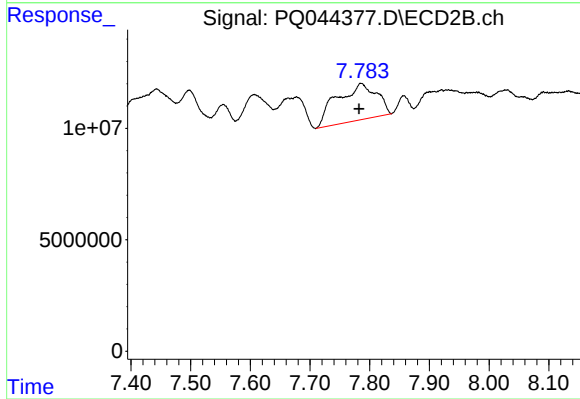
R.T.: 8.316 min
Delta R.T.: -0.025 min
Response: 77842692
Conc: 121.45 ng/ml



#36 AR-1262-1

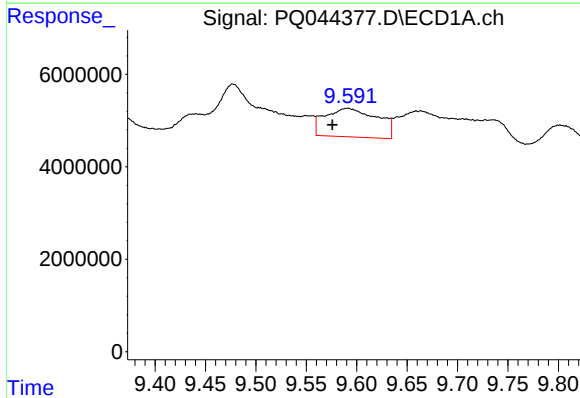
R.T.: 9.057 min
Delta R.T.: 0.019 min
Response: 1434490
Conc: 13.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



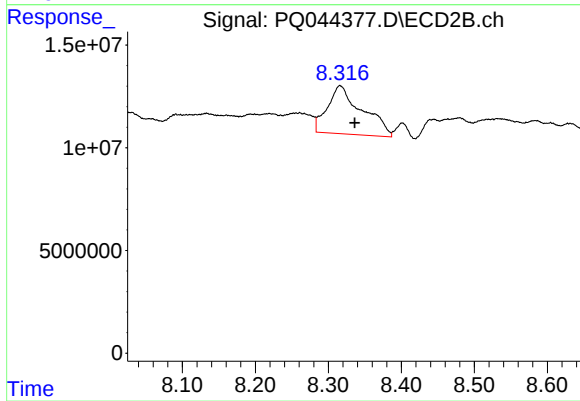
#36 AR-1262-1

R.T.: 7.786 min
Delta R.T.: 0.004 min
Response: 75645841
Conc: 387.63 ng/ml



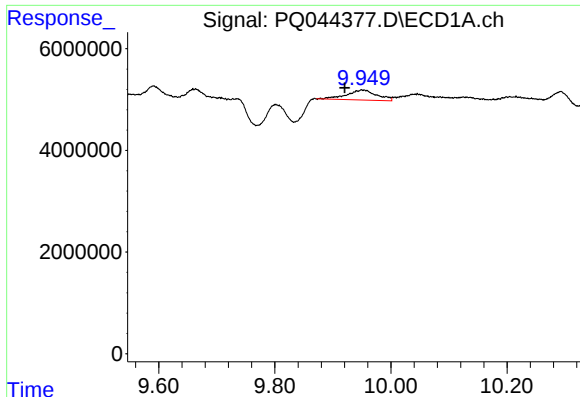
#37 AR-1262-2

R.T.: 9.591 min
Delta R.T.: 0.015 min
Response: 22370372
Conc: 38.85 ng/ml



#37 AR-1262-2

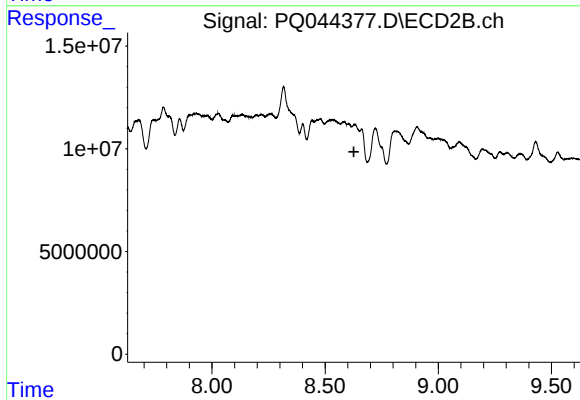
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 77842692
Conc: 98.39 ng/ml



#38 AR-1262-3

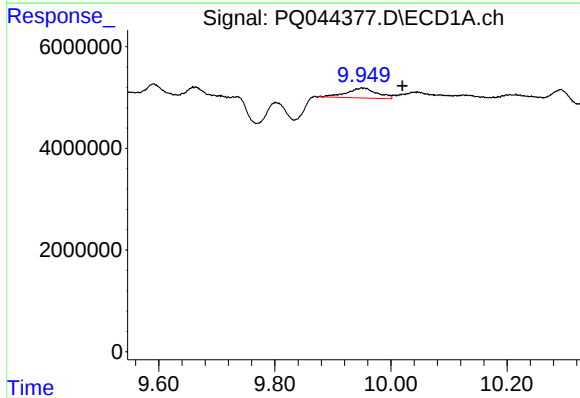
R.T.: 9.952 min
Delta R.T.: 0.031 min
Response: 7166489
Conc: 17.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



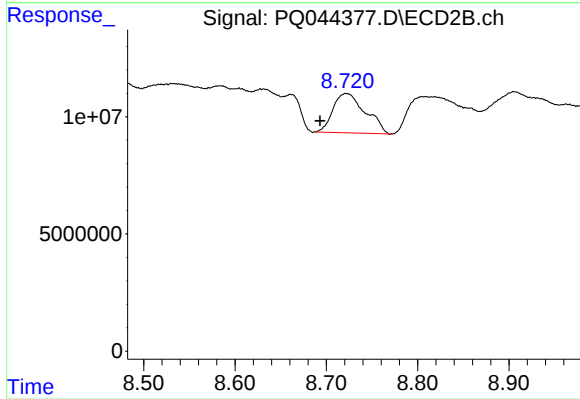
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.627 min
Response: 0
Conc: N.D.



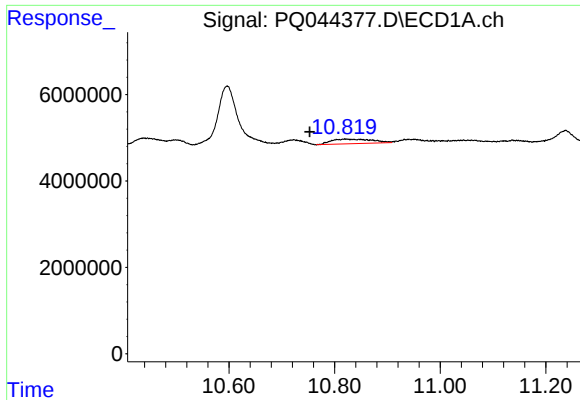
#39 AR-1262-4

R.T.: 9.952 min
Delta R.T.: -0.068 min
Response: 7166489
Conc: 22.75 ng/ml



#39 AR-1262-4

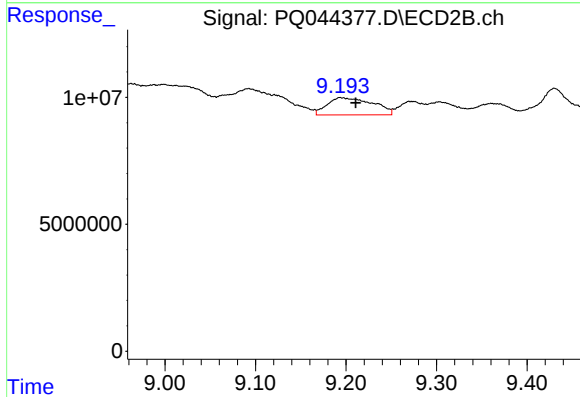
R.T.: 8.722 min
Delta R.T.: 0.029 min
Response: 41366009
Conc: 67.88 ng/ml



#40 AR-1262-5

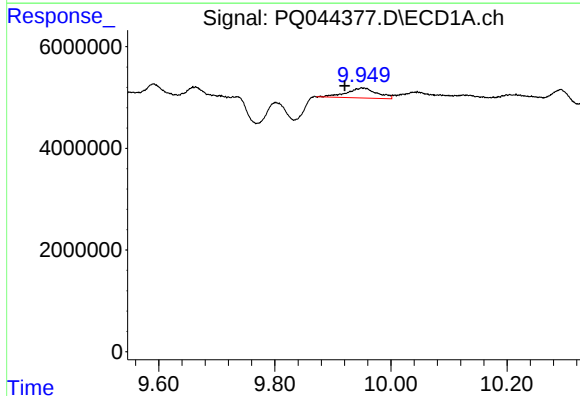
R.T.: 10.821 min
Delta R.T.: 0.068 min
Response: 5759396
Conc: 22.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



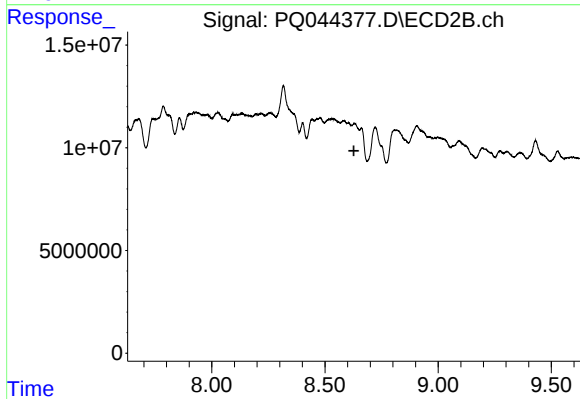
#40 AR-1262-5

R.T.: 9.195 min
Delta R.T.: -0.016 min
Response: 23775786
Conc: 84.79 ng/ml



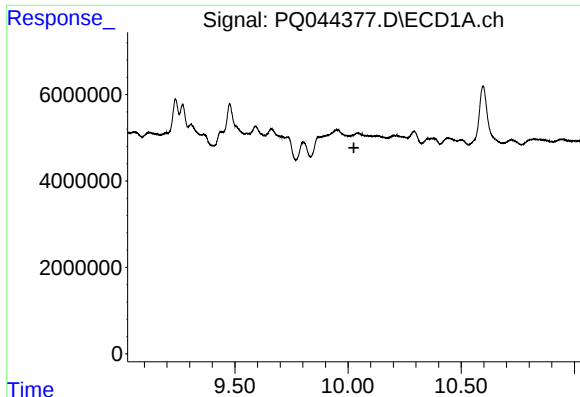
#41 AR-1268-1

R.T.: 9.952 min
Delta R.T.: 0.031 min
Response: 7166489
Conc: 10.02 ng/ml



#41 AR-1268-1

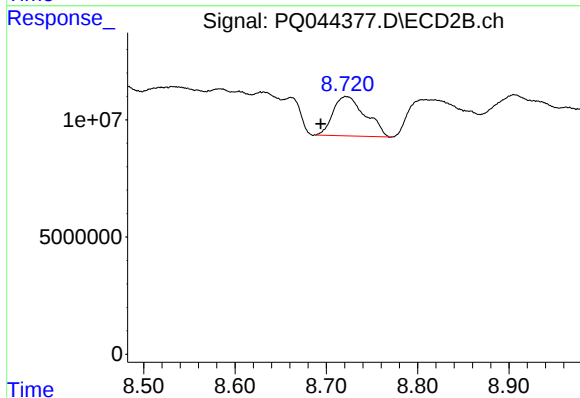
R.T.: 0.000 min
Exp R.T.: 8.628 min
Response: 0
Conc: N.D.



#42 AR-1268-2

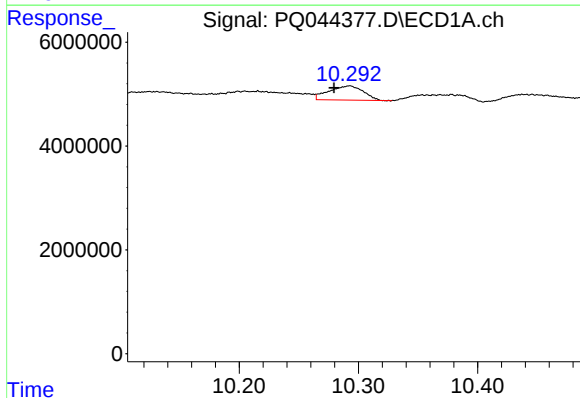
R.T.: 0.000 min
Exp R.T.: 10.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ESP30



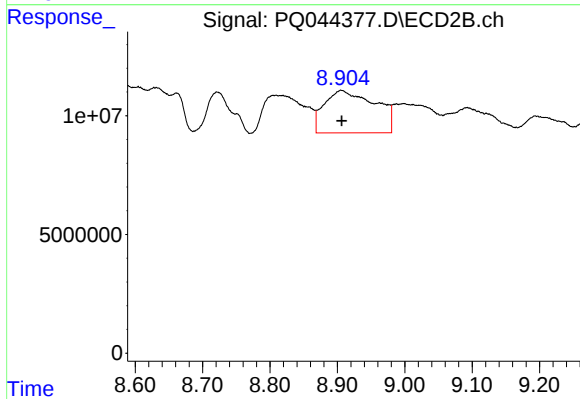
#42 AR-1268-2

R.T.: 8.722 min
Delta R.T.: 0.028 min
Response: 41366009
Conc: 45.49 ng/ml



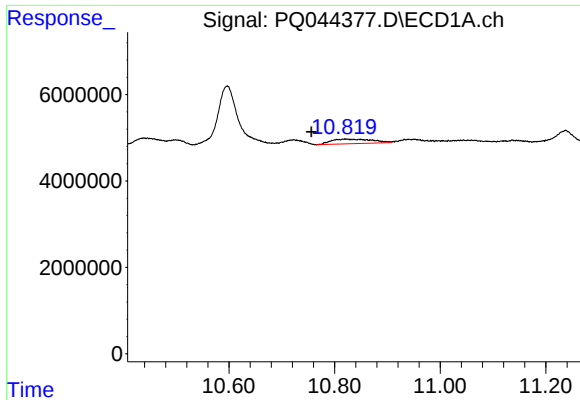
#43 AR-1268-3

R.T.: 10.292 min
Delta R.T.: 0.012 min
Response: 5473425
Conc: 9.54 ng/ml



#43 AR-1268-3

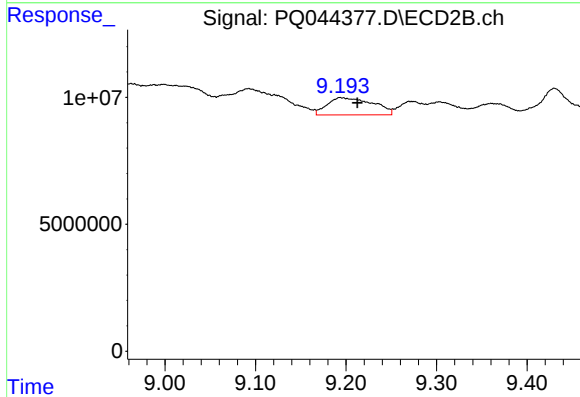
R.T.: 8.906 min
Delta R.T.: 0.000 min
Response: 93842937
Conc: 123.89 ng/ml



#44 AR-1268-4

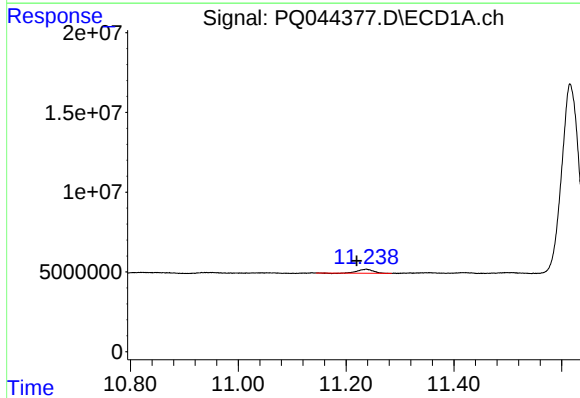
R.T.: 10.821 min
Delta R.T.: 0.064 min
Response: 5759396
Conc: 19.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP30



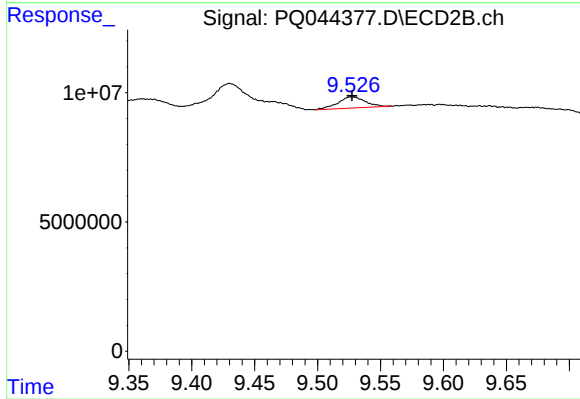
#44 AR-1268-4

R.T.: 9.195 min
Delta R.T.: -0.018 min
Response: 23775786
Conc: 72.71 ng/ml



#45 AR-1268-5

R.T.: 11.237 min
Delta R.T.: 0.017 min
Response: 4839167
Conc: 2.23 ng/ml



#45 AR-1268-5

R.T.: 9.528 min
Delta R.T.: 0.000 min
Response: 6535692
Conc: 2.51 ng/ml