

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
 Data File : PQ044379.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2019 14:11
 Operator : HP\AJ
 Sample : K5322-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ESP17

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 04:40:04 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...	5.323	4.356	43045726	51851501	11.072	11.616
2)	SA Decachlor...	11.607	9.800	123.3E6	151.7E6	23.006	25.358
Target Compounds							
3)	L1 AR-1016-1	6.642	5.658	1301055	3920206	11.464	28.579 #
4)	L1 AR-1016-2	6.667	5.658	2424409	3920206	15.028	17.704
5)	L1 AR-1016-3	6.667	5.900	2424409	6032486	23.819	57.806 #
6)	L1 AR-1016-4	6.843	5.900	3788504	6032486	45.850	64.550 #
7)	L1 AR-1016-5	7.157	6.138	4432005	3063295	58.597	25.052 #
12)	L3 AR-1232-2	0.000	5.658	0	3920206	N.D.	37.169 #
13)	L3 AR-1232-3	6.667	5.900	2424409	6032486	31.602	122.071 #
14)	L3 AR-1232-4	6.843	5.947	3788504	2385401	99.879	50.579 #
15)	L3 AR-1232-5	6.939	6.138	5407318	3063295	191.780	56.039 #
16)	L4 AR-1242-1	6.642	5.658	1301055	3920206	13.326	33.075 #
17)	L4 AR-1242-2	6.667	5.658	2424409	3920206	17.430	20.780
18)	L4 AR-1242-3	6.667	5.900	2424409	6032486	27.280	65.224 #
19)	L4 AR-1242-4	6.843	5.947	3788504	2385401	53.038	24.269 #
20)	L4 AR-1242-5	7.629	6.521	7293720	12605753	95.938	98.927
21)	L5 AR-1248-1	6.642	5.658	1301055	3920206	17.731	43.292 #
22)	L5 AR-1248-2	6.939	5.900	5407318	6032486	54.586	43.523
23)	L5 AR-1248-3	7.157	5.947	4432005	2385401	41.038	16.867 #
24)	L5 AR-1248-4	7.588	6.138	5236563	3063295	41.592	17.834 #
25)	L5 AR-1248-5	7.629	6.564	7293720	6419036	60.240	38.341 #
26)	L6 AR-1254-1	7.560	6.521	9470624	12605753	70.383	43.220 #
27)	L6 AR-1254-2	7.793	6.678	14550020	11879246	68.110	45.497 #
28)	L6 AR-1254-3	8.175	7.107	16045666	34122666	65.214	78.101
29)	L6 AR-1254-4	8.471	7.347	8877499	17152539	44.264	63.853 #
30)	L6 AR-1254-5	8.906	7.782	27876216	40397818	116.469	101.029
31)	L7 AR-1260-1	8.343	7.244	7032920	27195140	46.720	111.848 #
32)	L7 AR-1260-2	8.609	7.442	14460214	15714172	73.473	52.059 #
33)	L7 AR-1260-3	8.979	7.600	4102742	33232724	25.589	118.090 #
34)	L7 AR-1260-4	9.222	8.088	8237552	17031519	42.189	67.701 #
35)	L7 AR-1260-5	9.578	8.334	39155444	18127440	85.645	28.283 #
36)	L8 AR-1262-1	8.979	7.782	4102742	40397818	37.776	207.011 #
37)	L8 AR-1262-2	9.578	8.334	39155444	18127440	67.993	22.912 #
38)	L8 AR-1262-3	9.927	8.622	4535362	12181258	10.932	38.409 #
39)	L8 AR-1262-4	10.009	8.688	6601870	27233560	20.957	44.686 #
40)	L8 AR-1262-5	0.000	9.204	0	9803050	N.D.	34.962 #
41)	L9 AR-1268-1	9.927	8.622	4535362	12181258	6.343	12.630 #
42)	L9 AR-1268-2	10.009	8.688	6601870	27233560	9.715	29.948 #
43)	L9 AR-1268-3	10.283	0.000	2140816	0	3.730	N.D. #
44)	L9 AR-1268-4	0.000	9.204	0	9803050	N.D.	29.980 #
45)	L9 AR-1268-5	11.228	9.520	4110390	7134800	1.891	2.739 #

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
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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

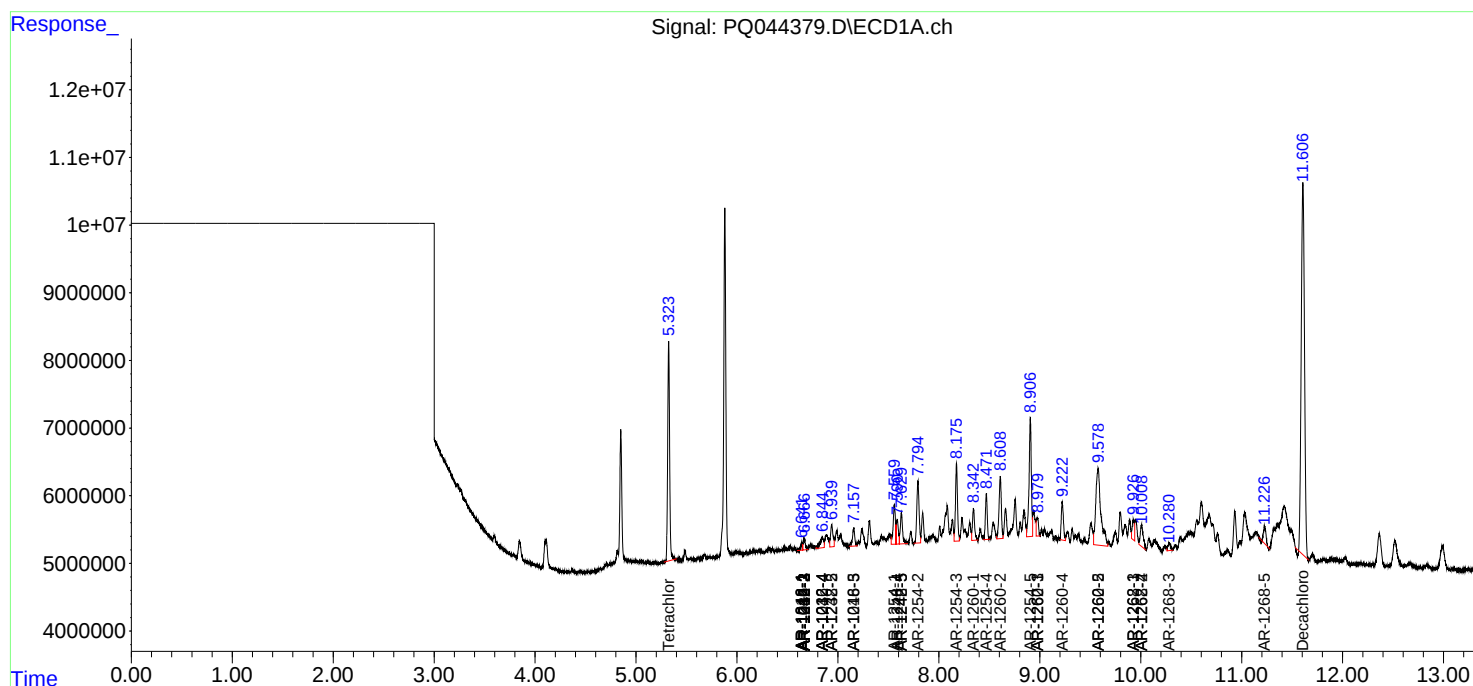
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

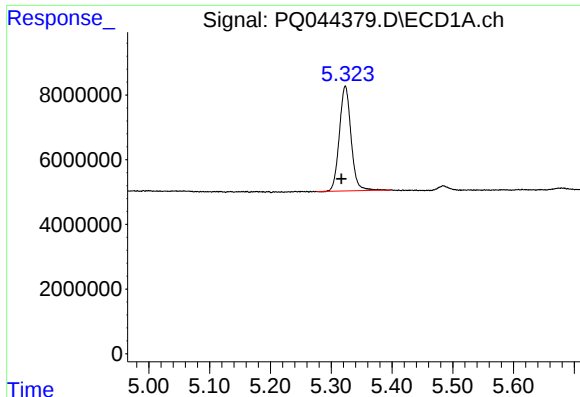
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101519\
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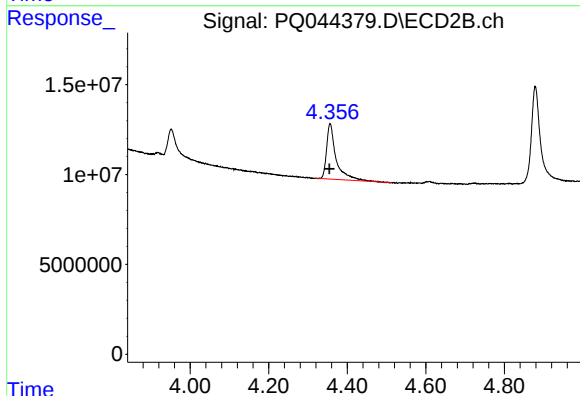




#1 Tetrachloro-m-xylene

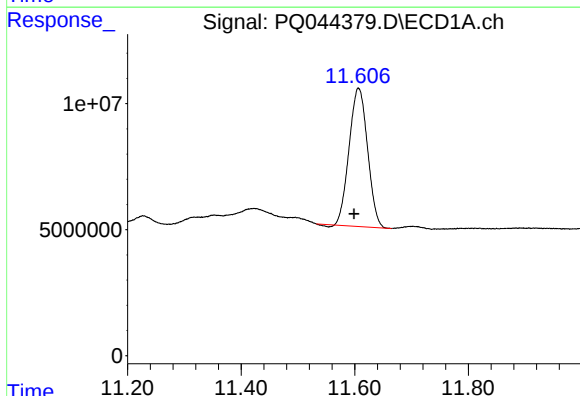
R.T.: 5.323 min
Delta R.T.: 0.006 min
Response: 43045726
Conc: 11.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



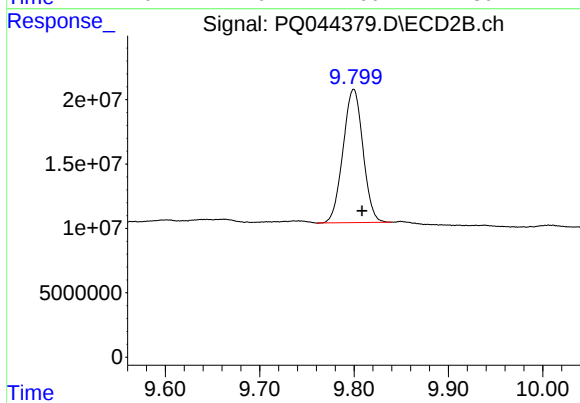
#1 Tetrachloro-m-xylene

R.T.: 4.356 min
Delta R.T.: 0.001 min
Response: 51851501
Conc: 11.62 ng/ml



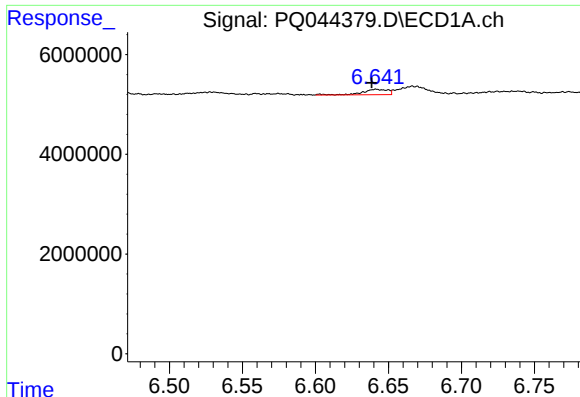
#2 Decachlorobiphenyl

R.T.: 11.607 min
Delta R.T.: 0.008 min
Response: 123253140
Conc: 23.01 ng/ml



#2 Decachlorobiphenyl

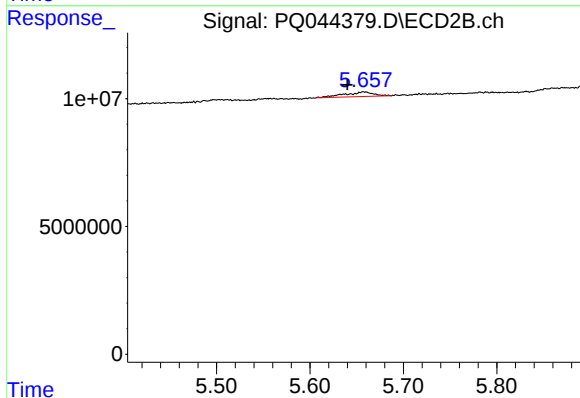
R.T.: 9.800 min
Delta R.T.: -0.009 min
Response: 151678125
Conc: 25.36 ng/ml



#3 AR-1016-1

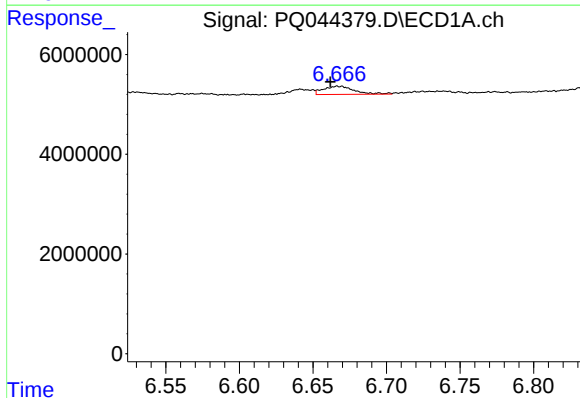
R.T.: 6.642 min
Delta R.T.: 0.003 min
Response: 1301055
Conc: 11.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



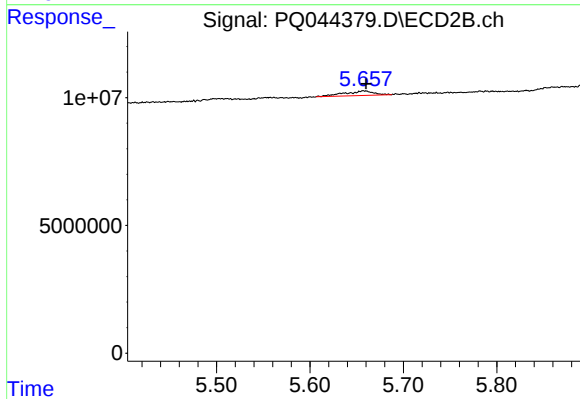
#3 AR-1016-1

R.T.: 5.658 min
Delta R.T.: 0.018 min
Response: 3920206
Conc: 28.58 ng/ml



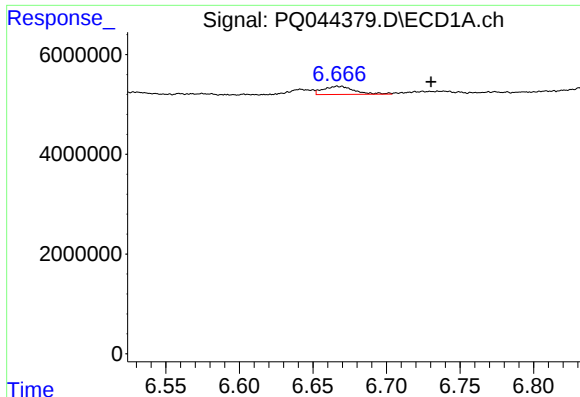
#4 AR-1016-2

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 2424409
Conc: 15.03 ng/ml



#4 AR-1016-2

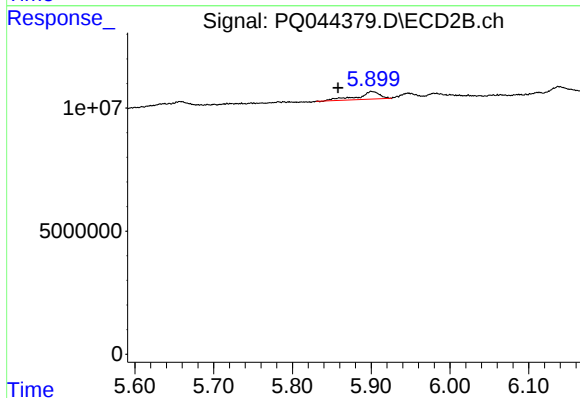
R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 3920206
Conc: 17.70 ng/ml



#5 AR-1016-3

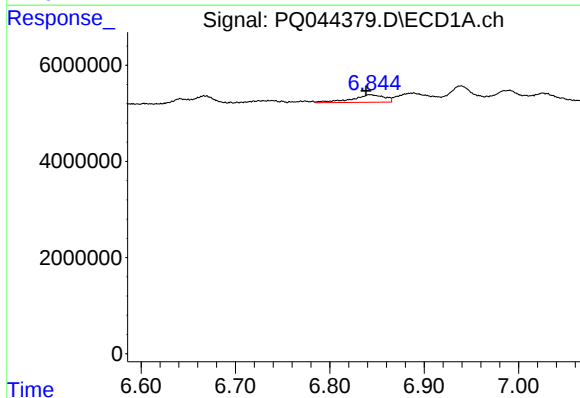
R.T.: 6.667 min
Delta R.T.: -0.063 min
Response: 2424409
Conc: 23.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



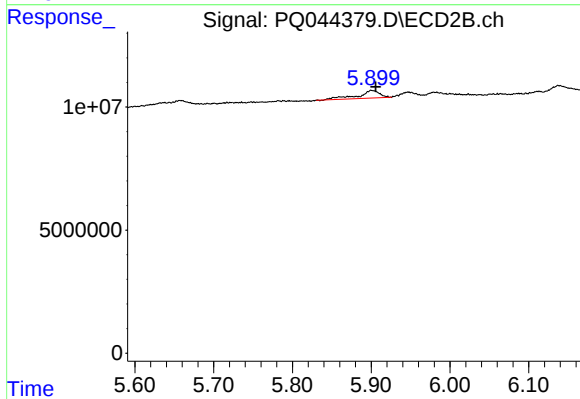
#5 AR-1016-3

R.T.: 5.900 min
Delta R.T.: 0.042 min
Response: 6032486
Conc: 57.81 ng/ml



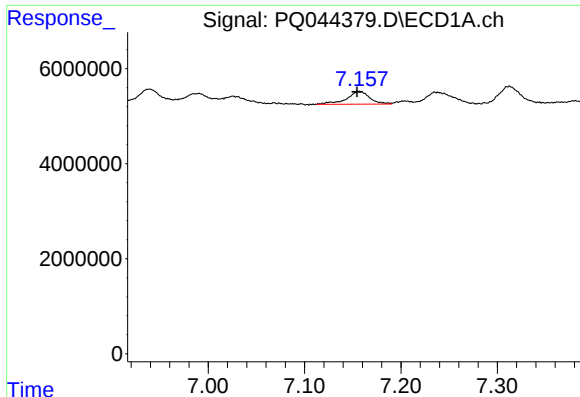
#6 AR-1016-4

R.T.: 6.843 min
Delta R.T.: 0.004 min
Response: 3788504
Conc: 45.85 ng/ml



#6 AR-1016-4

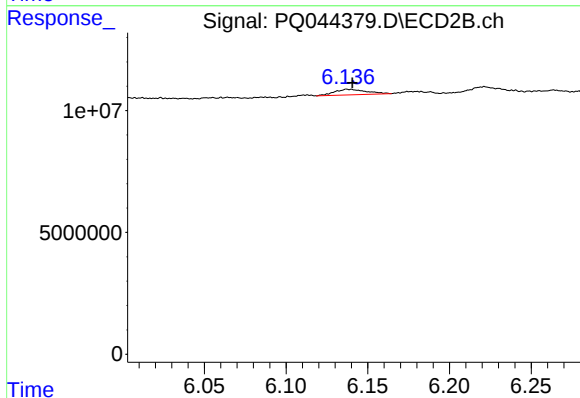
R.T.: 5.900 min
Delta R.T.: -0.005 min
Response: 6032486
Conc: 64.55 ng/ml



#7 AR-1016-5

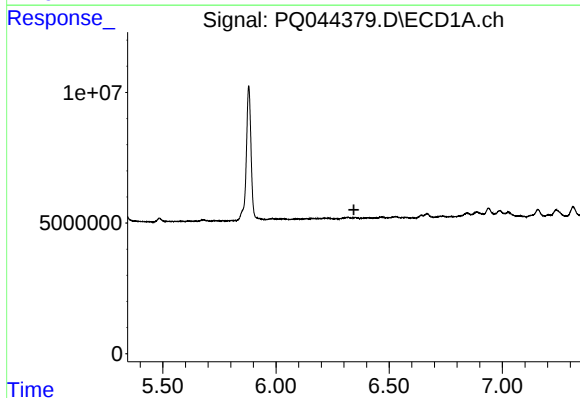
R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 4432005
Conc: 58.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



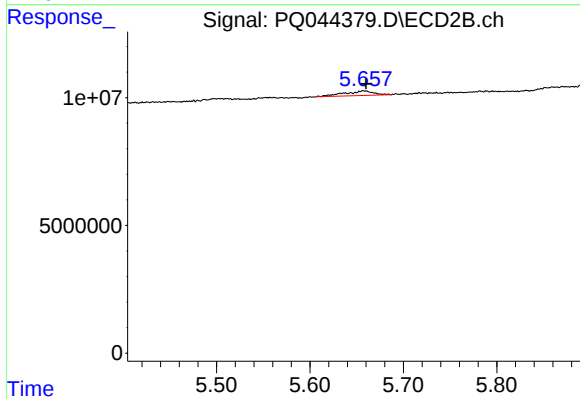
#7 AR-1016-5

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 3063295
Conc: 25.05 ng/ml



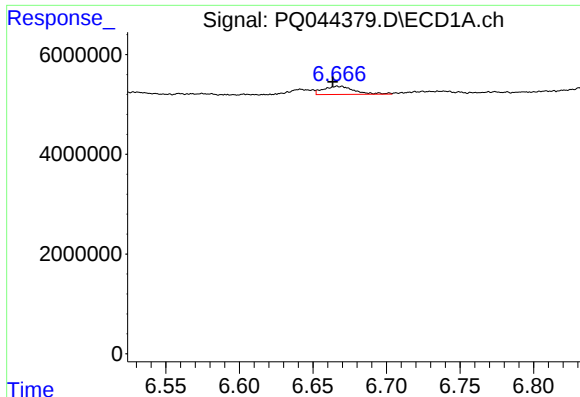
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.344 min
Response: 0
Conc: N.D.



#12 AR-1232-2

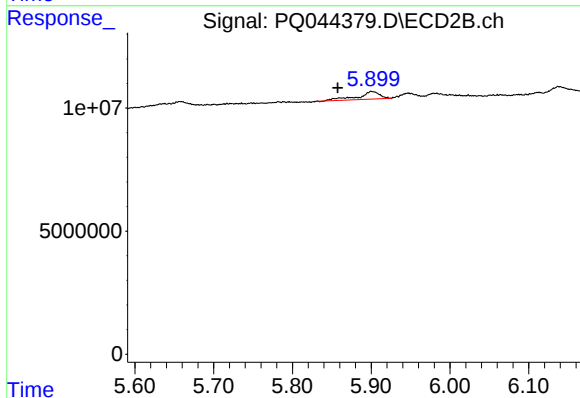
R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 3920206
Conc: 37.17 ng/ml



#13 AR-1232-3

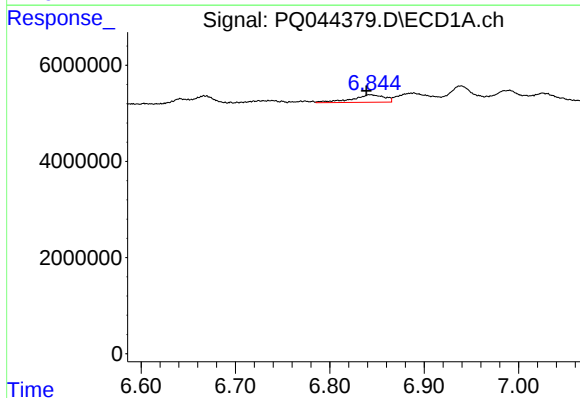
R.T.: 6.667 min
Delta R.T.: 0.004 min
Response: 2424409
Conc: 31.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



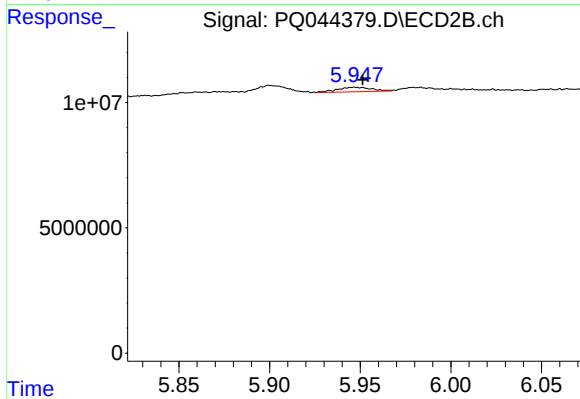
#13 AR-1232-3

R.T.: 5.900 min
Delta R.T.: 0.043 min
Response: 6032486
Conc: 122.07 ng/ml



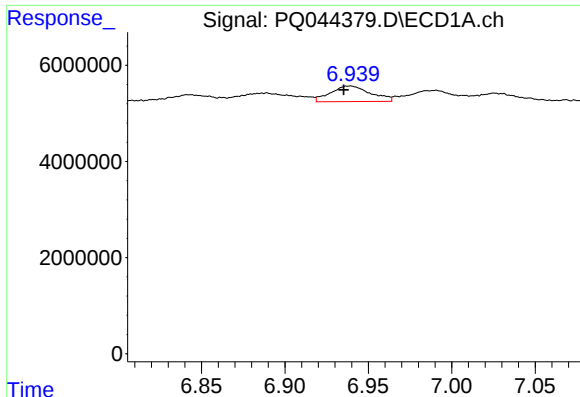
#14 AR-1232-4

R.T.: 6.843 min
Delta R.T.: 0.004 min
Response: 3788504
Conc: 99.88 ng/ml



#14 AR-1232-4

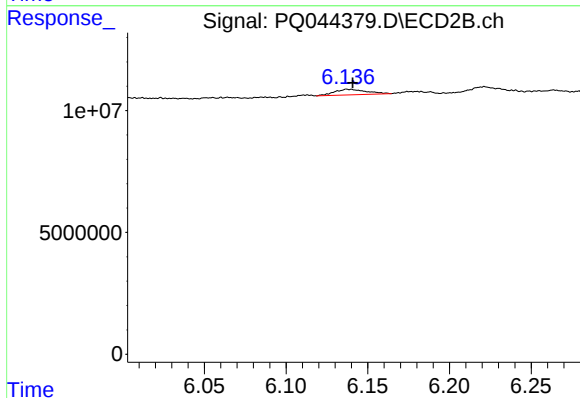
R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2385401
Conc: 50.58 ng/ml



#15 AR-1232-5

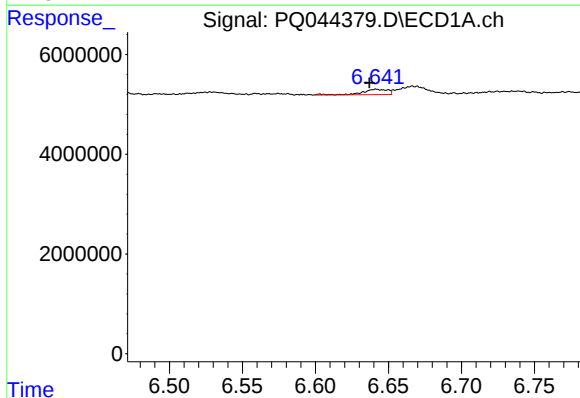
R.T.: 6.939 min
Delta R.T.: 0.004 min
Response: 5407318
Conc: 191.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



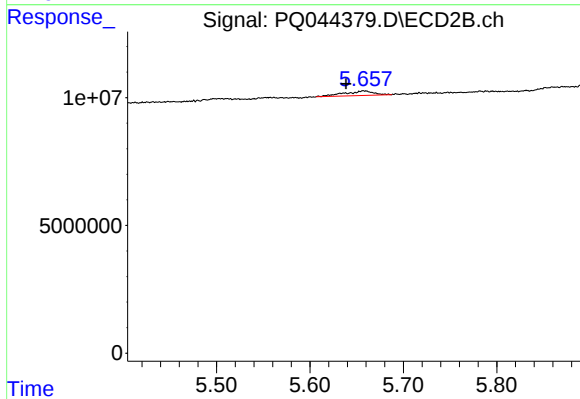
#15 AR-1232-5

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 3063295
Conc: 56.04 ng/ml



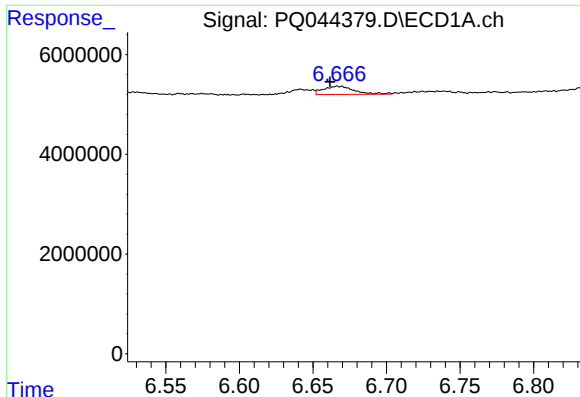
#16 AR-1242-1

R.T.: 6.642 min
Delta R.T.: 0.005 min
Response: 1301055
Conc: 13.33 ng/ml



#16 AR-1242-1

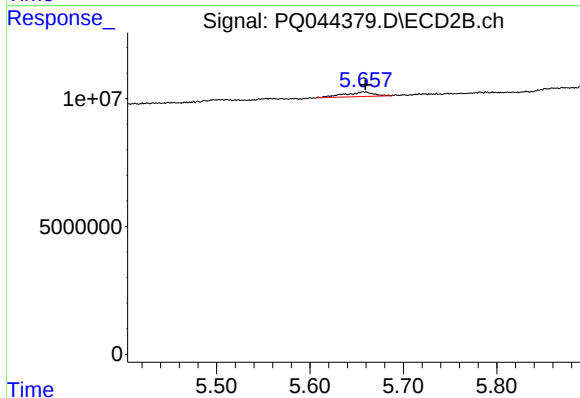
R.T.: 5.658 min
Delta R.T.: 0.019 min
Response: 3920206
Conc: 33.07 ng/ml



#17 AR-1242-2

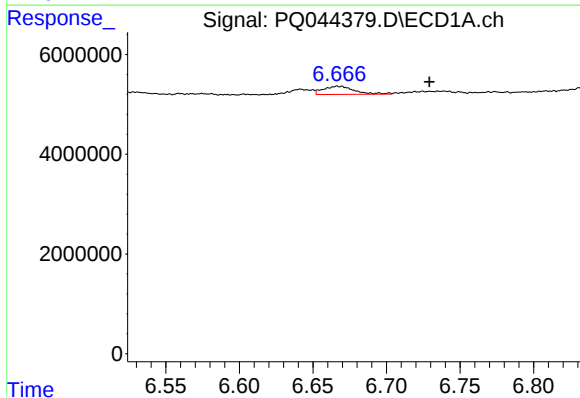
R.T.: 6.667 min
Delta R.T.: 0.006 min
Response: 2424409
Conc: 17.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



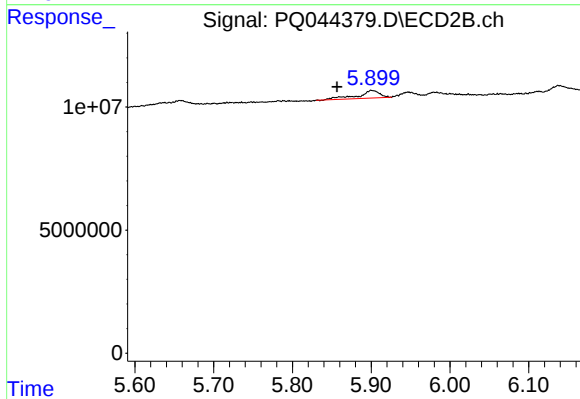
#17 AR-1242-2

R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 3920206
Conc: 20.78 ng/ml



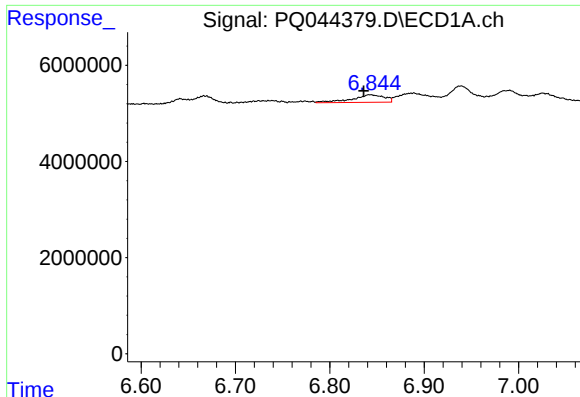
#18 AR-1242-3

R.T.: 6.667 min
Delta R.T.: -0.062 min
Response: 2424409
Conc: 27.28 ng/ml



#18 AR-1242-3

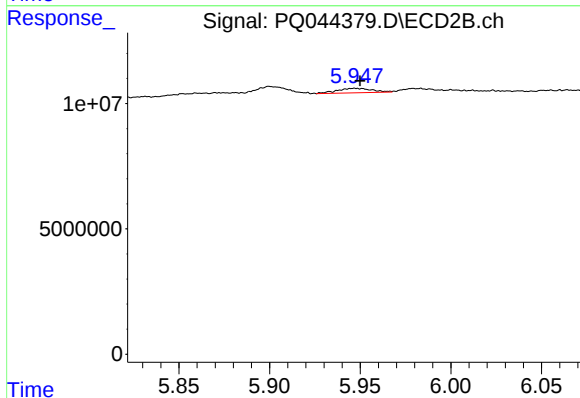
R.T.: 5.900 min
Delta R.T.: 0.044 min
Response: 6032486
Conc: 65.22 ng/ml



#19 AR-1242-4

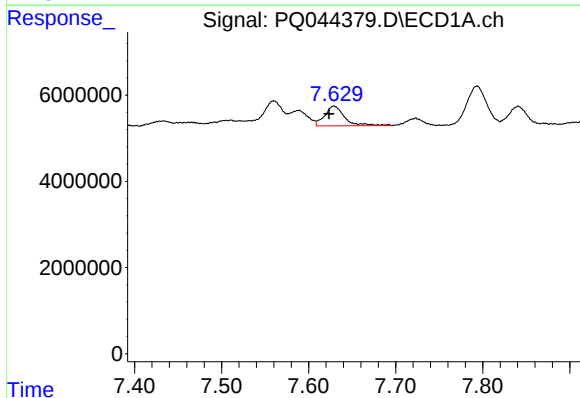
R.T.: 6.843 min
Delta R.T.: 0.007 min
Response: 3788504
Conc: 53.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



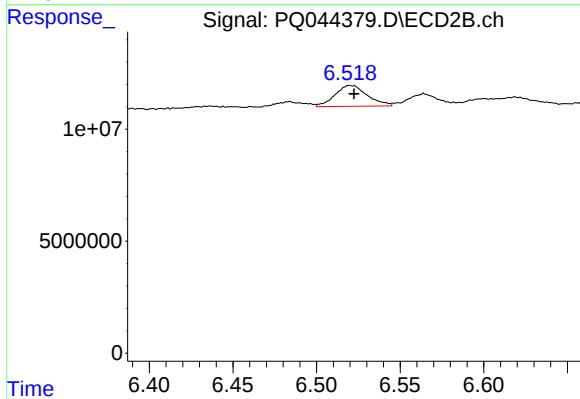
#19 AR-1242-4

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 2385401
Conc: 24.27 ng/ml



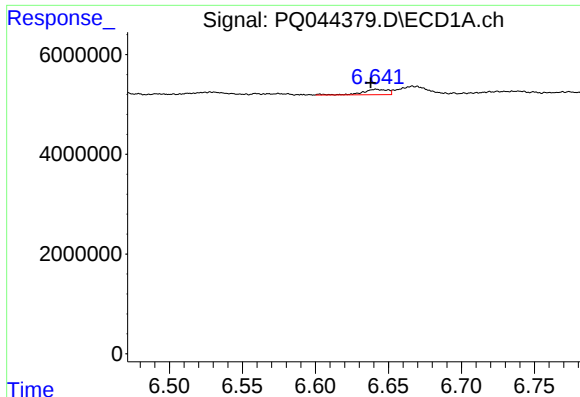
#20 AR-1242-5

R.T.: 7.629 min
Delta R.T.: 0.005 min
Response: 7293720
Conc: 95.94 ng/ml



#20 AR-1242-5

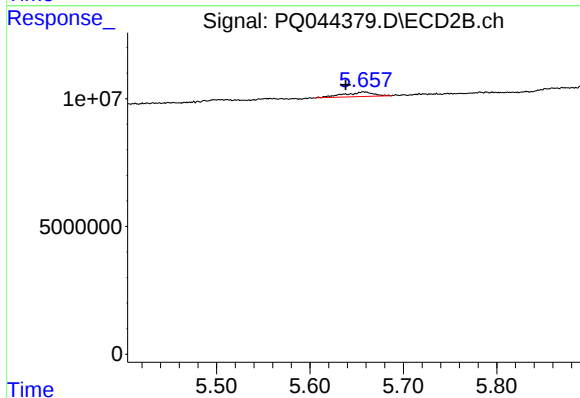
R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 12605753
Conc: 98.93 ng/ml



#21 AR-1248-1

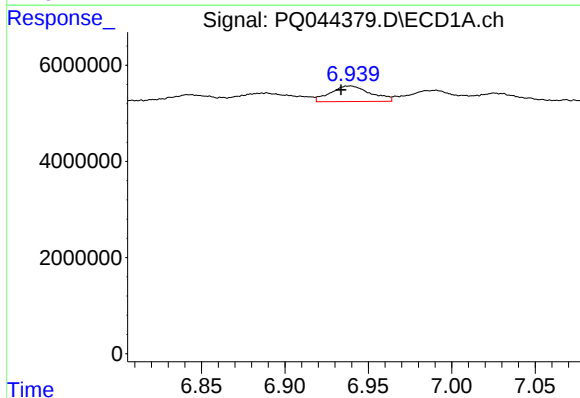
R.T.: 6.642 min
Delta R.T.: 0.004 min
Response: 1301055
Conc: 17.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



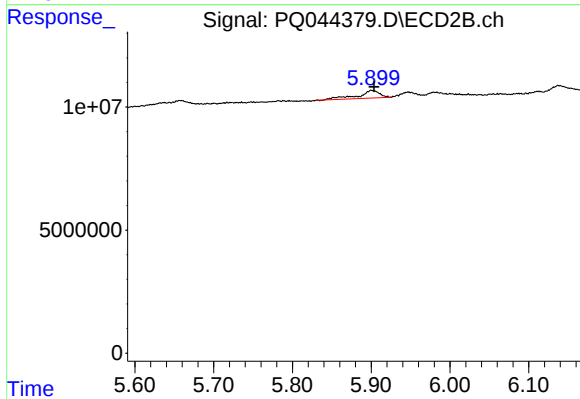
#21 AR-1248-1

R.T.: 5.658 min
Delta R.T.: 0.019 min
Response: 3920206
Conc: 43.29 ng/ml



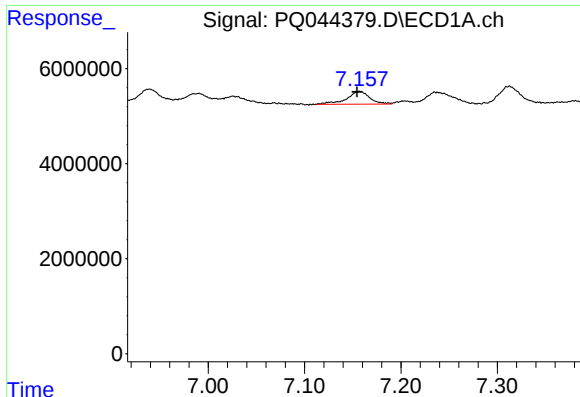
#22 AR-1248-2

R.T.: 6.939 min
Delta R.T.: 0.005 min
Response: 5407318
Conc: 54.59 ng/ml



#22 AR-1248-2

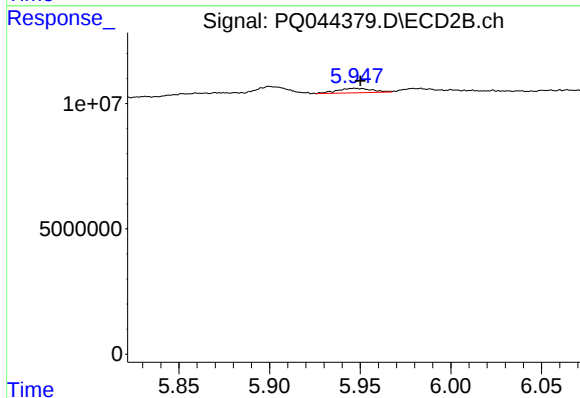
R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 6032486
Conc: 43.52 ng/ml



#23 AR-1248-3

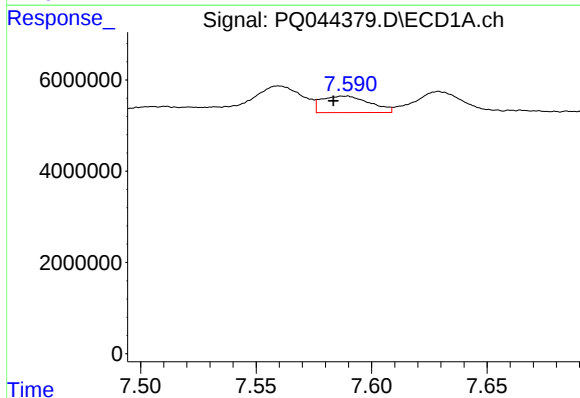
R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 4432005
Conc: 41.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



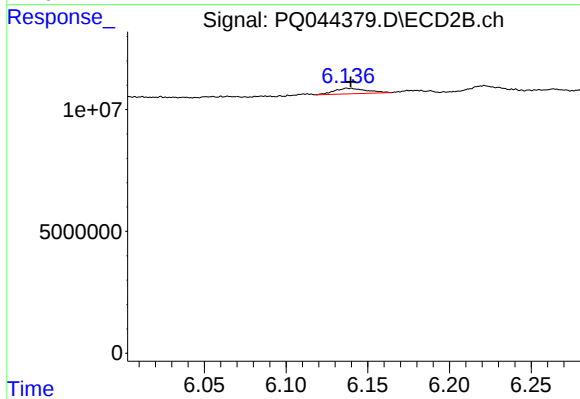
#23 AR-1248-3

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 2385401
Conc: 16.87 ng/ml



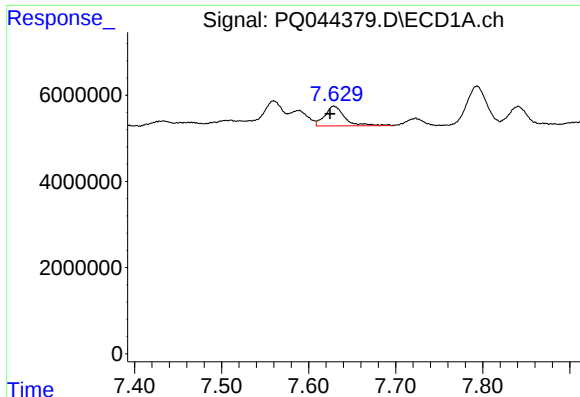
#24 AR-1248-4

R.T.: 7.588 min
Delta R.T.: 0.005 min
Response: 5236563
Conc: 41.59 ng/ml



#24 AR-1248-4

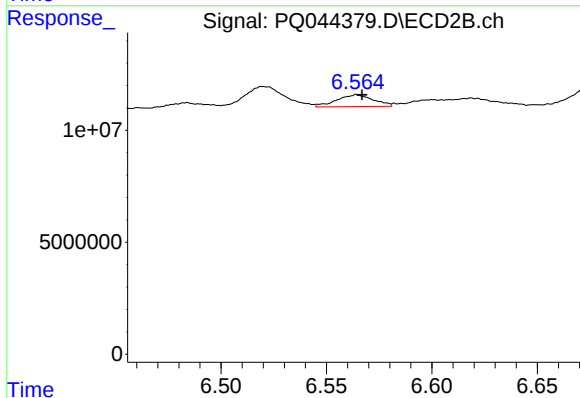
R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 3063295
Conc: 17.83 ng/ml



#25 AR-1248-5

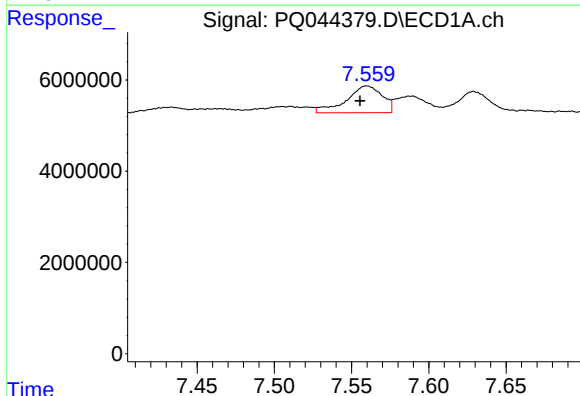
R.T.: 7.629 min
Delta R.T.: 0.004 min
Response: 7293720
Conc: 60.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



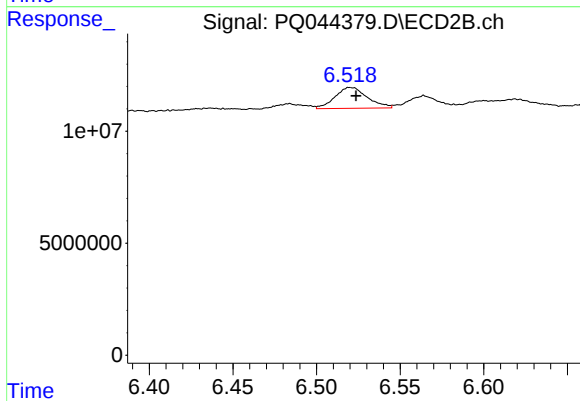
#25 AR-1248-5

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 6419036
Conc: 38.34 ng/ml



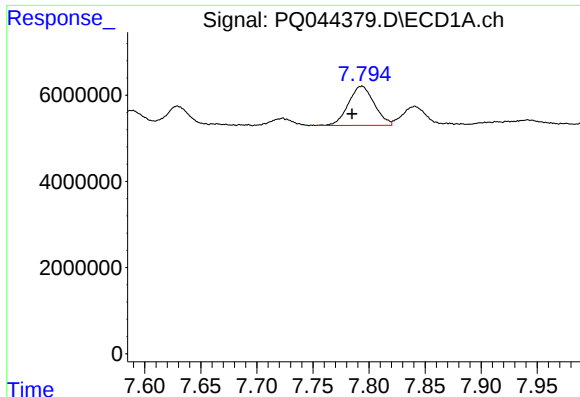
#26 AR-1254-1

R.T.: 7.560 min
Delta R.T.: 0.004 min
Response: 9470624
Conc: 70.38 ng/ml



#26 AR-1254-1

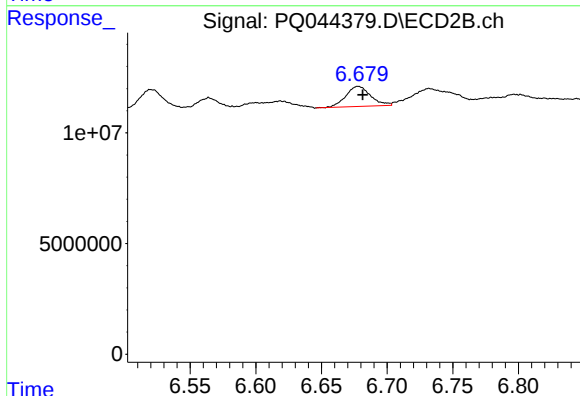
R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 12605753
Conc: 43.22 ng/ml



#27 AR-1254-2

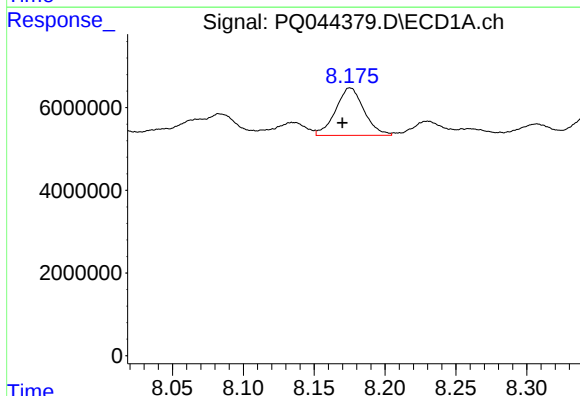
R.T.: 7.793 min
Delta R.T.: 0.009 min
Response: 14550020
Conc: 68.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



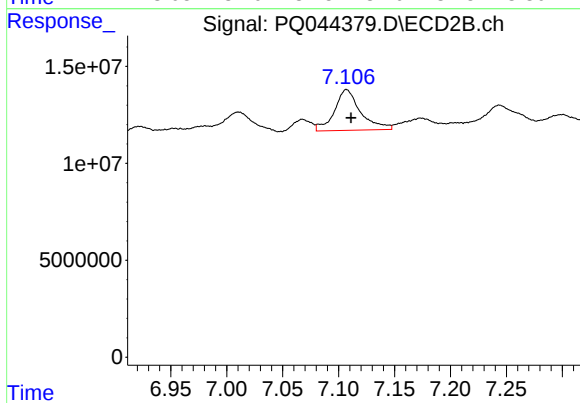
#27 AR-1254-2

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 11879246
Conc: 45.50 ng/ml



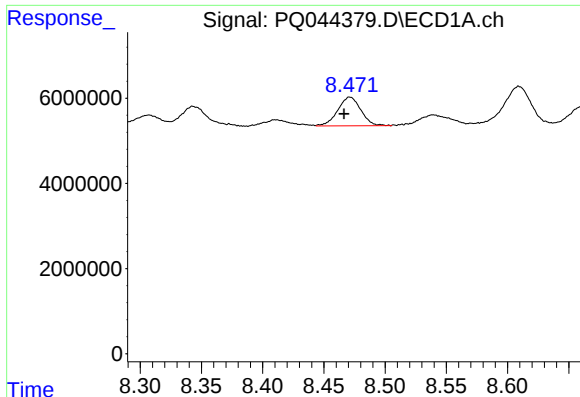
#28 AR-1254-3

R.T.: 8.175 min
Delta R.T.: 0.006 min
Response: 16045666
Conc: 65.21 ng/ml



#28 AR-1254-3

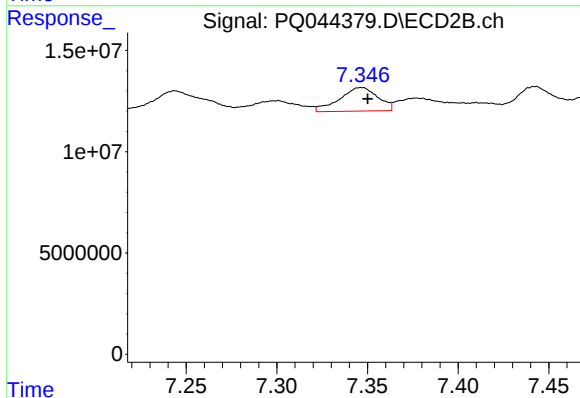
R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 34122666
Conc: 78.10 ng/ml



#29 AR-1254-4

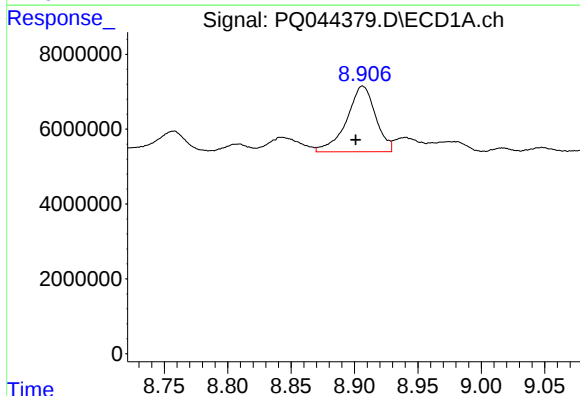
R.T.: 8.471 min
Delta R.T.: 0.005 min
Response: 8877499
Conc: 44.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



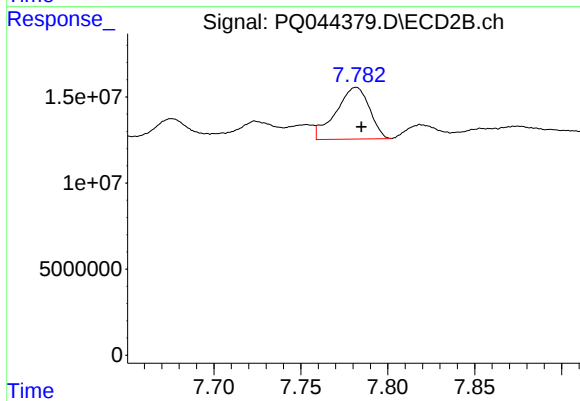
#29 AR-1254-4

R.T.: 7.347 min
Delta R.T.: -0.004 min
Response: 17152539
Conc: 63.85 ng/ml



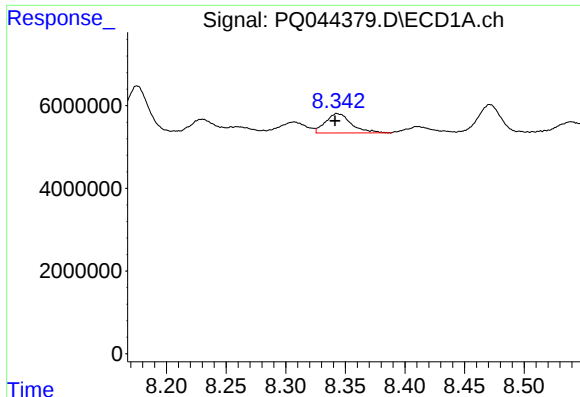
#30 AR-1254-5

R.T.: 8.906 min
Delta R.T.: 0.006 min
Response: 27876216
Conc: 116.47 ng/ml



#30 AR-1254-5

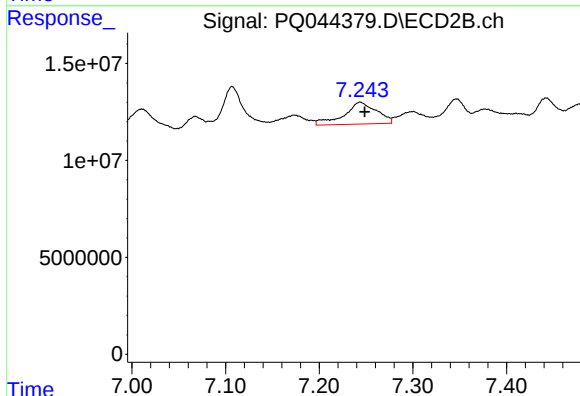
R.T.: 7.782 min
Delta R.T.: -0.003 min
Response: 40397818
Conc: 101.03 ng/ml



#31 AR-1260-1

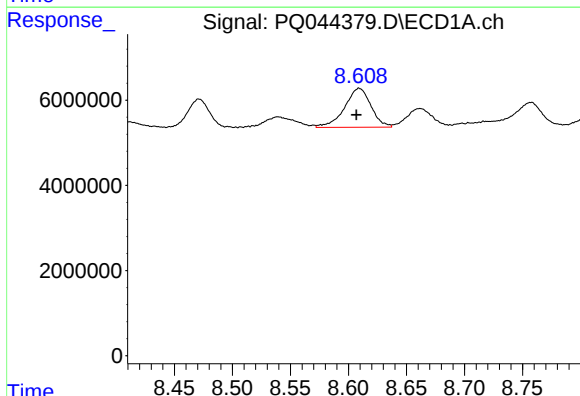
R.T.: 8.343 min
Delta R.T.: 0.002 min
Response: 7032920
Conc: 46.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



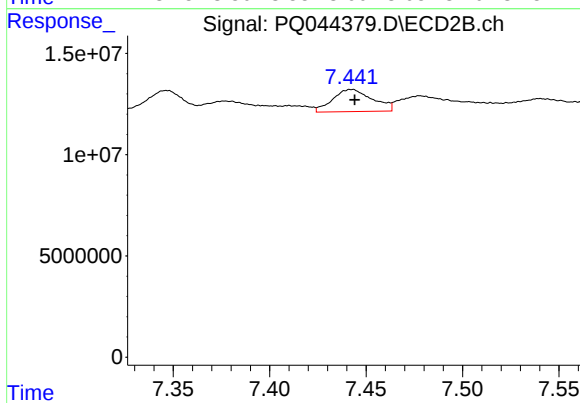
#31 AR-1260-1

R.T.: 7.244 min
Delta R.T.: -0.005 min
Response: 27195140
Conc: 111.85 ng/ml



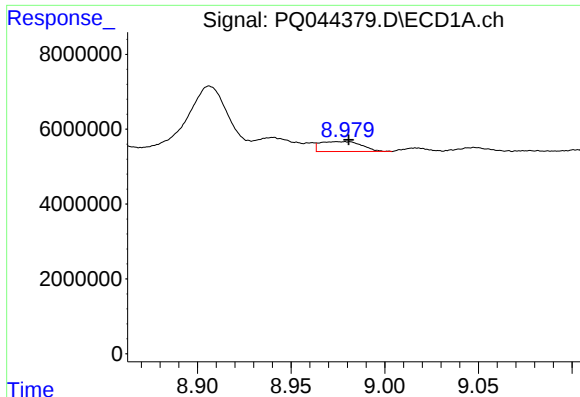
#32 AR-1260-2

R.T.: 8.609 min
Delta R.T.: 0.002 min
Response: 14460214
Conc: 73.47 ng/ml



#32 AR-1260-2

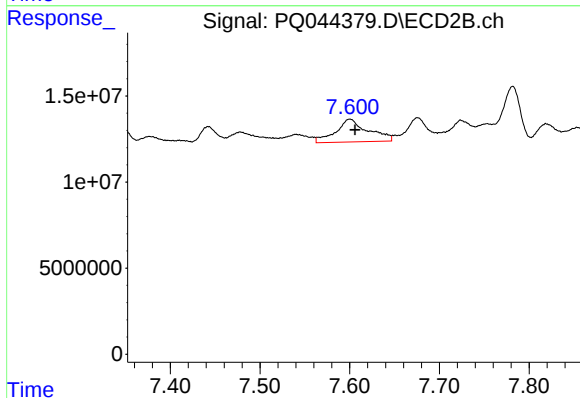
R.T.: 7.442 min
Delta R.T.: -0.002 min
Response: 15714172
Conc: 52.06 ng/ml



#33 AR-1260-3

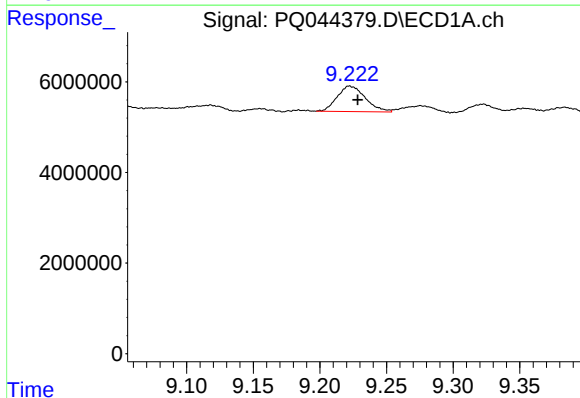
R.T.: 8.979 min
Delta R.T.: -0.002 min
Response: 4102742
Conc: 25.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



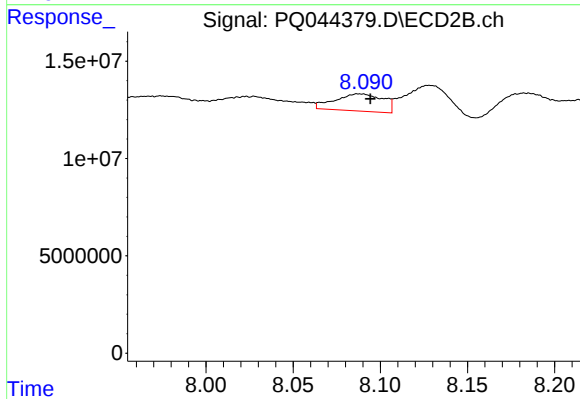
#33 AR-1260-3

R.T.: 7.600 min
Delta R.T.: -0.006 min
Response: 33232724
Conc: 118.09 ng/ml



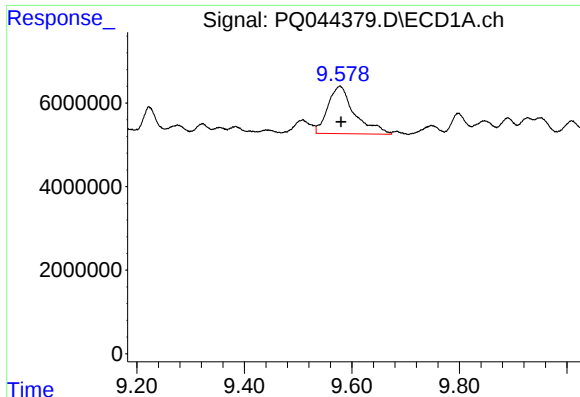
#34 AR-1260-4

R.T.: 9.222 min
Delta R.T.: -0.006 min
Response: 8237552
Conc: 42.19 ng/ml



#34 AR-1260-4

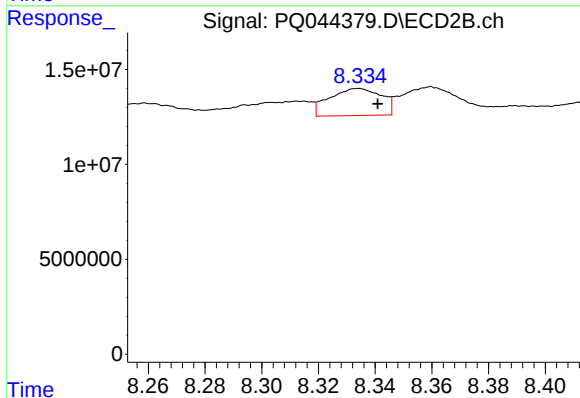
R.T.: 8.088 min
Delta R.T.: -0.006 min
Response: 17031519
Conc: 67.70 ng/ml



#35 AR-1260-5

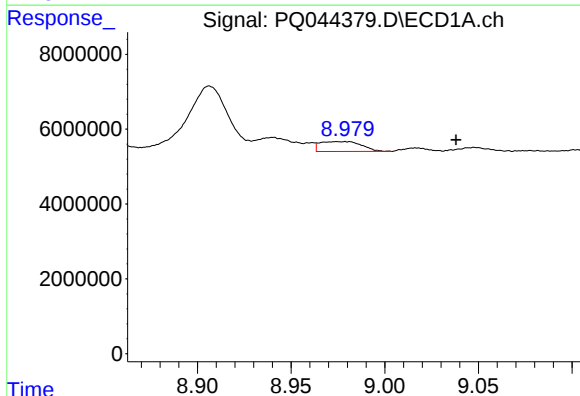
R.T.: 9.578 min
Delta R.T.: -0.002 min
Response: 39155444
Conc: 85.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



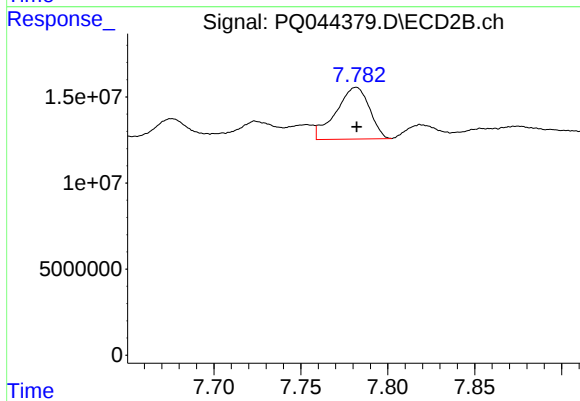
#35 AR-1260-5

R.T.: 8.334 min
Delta R.T.: -0.007 min
Response: 18127440
Conc: 28.28 ng/ml



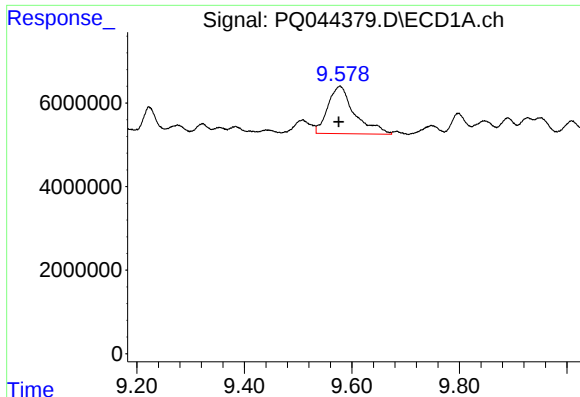
#36 AR-1262-1

R.T.: 8.979 min
Delta R.T.: -0.059 min
Response: 4102742
Conc: 37.78 ng/ml



#36 AR-1262-1

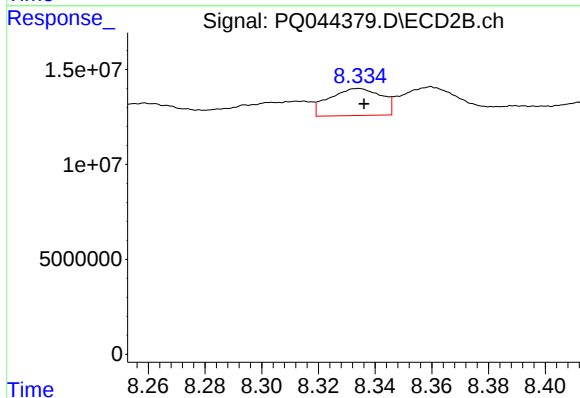
R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 40397818
Conc: 207.01 ng/ml



#37 AR-1262-2

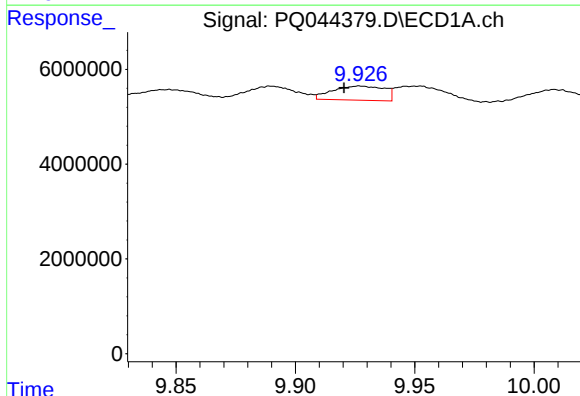
R.T.: 9.578 min
Delta R.T.: 0.002 min
Response: 39155444
Conc: 67.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



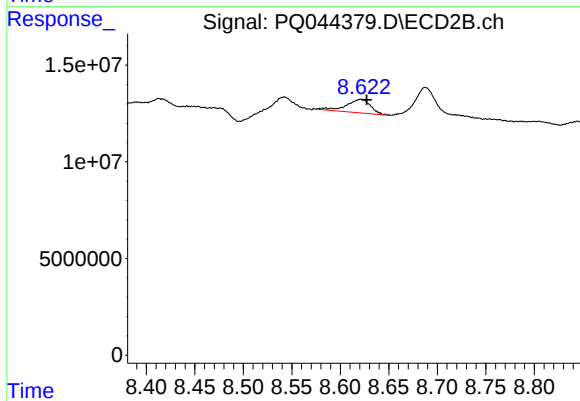
#37 AR-1262-2

R.T.: 8.334 min
Delta R.T.: -0.002 min
Response: 18127440
Conc: 22.91 ng/ml



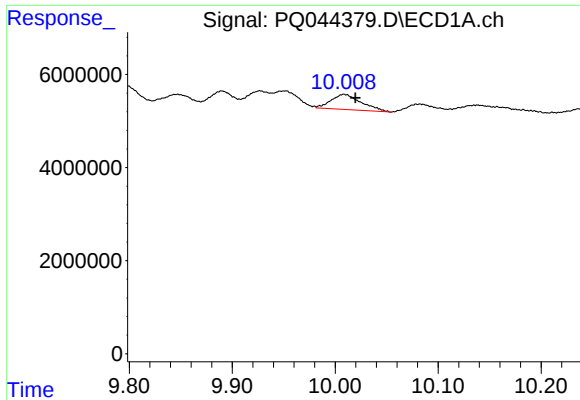
#38 AR-1262-3

R.T.: 9.927 min
Delta R.T.: 0.007 min
Response: 4535362
Conc: 10.93 ng/ml



#38 AR-1262-3

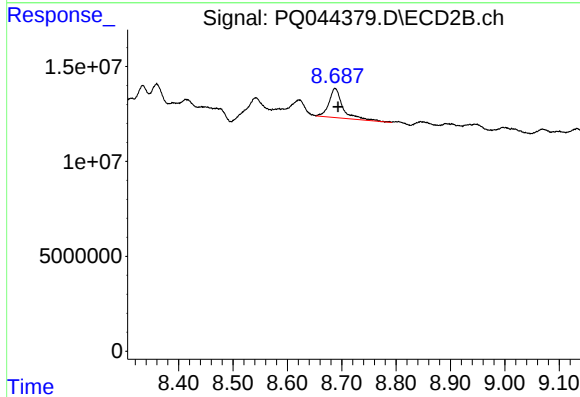
R.T.: 8.622 min
Delta R.T.: -0.005 min
Response: 12181258
Conc: 38.41 ng/ml



#39 AR-1262-4

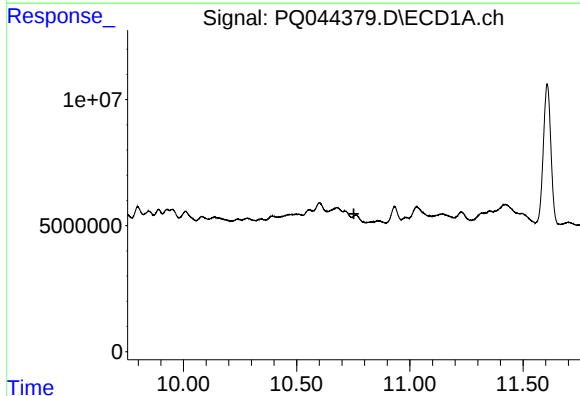
R.T.: 10.009 min
Delta R.T.: -0.011 min
Response: 6601870
Conc: 20.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



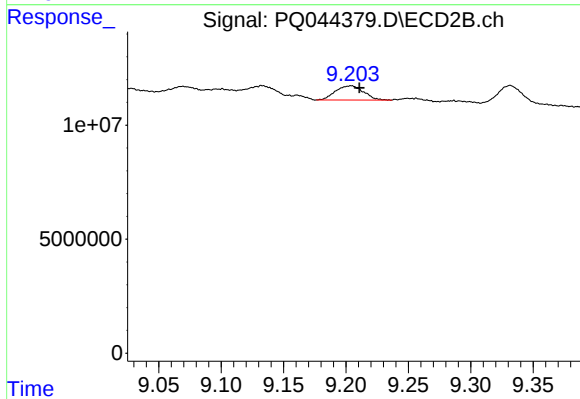
#39 AR-1262-4

R.T.: 8.688 min
Delta R.T.: -0.005 min
Response: 27233560
Conc: 44.69 ng/ml



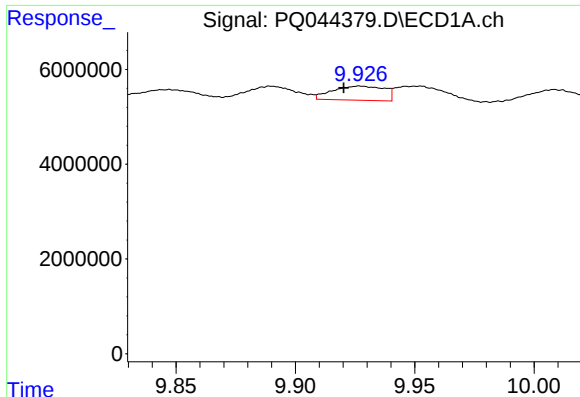
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.753 min
Response: 0
Conc: N.D.



#40 AR-1262-5

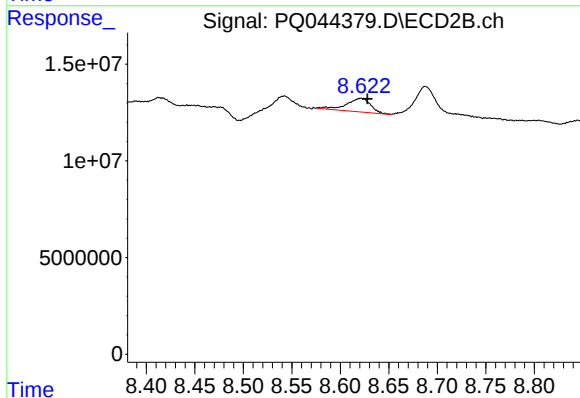
R.T.: 9.204 min
Delta R.T.: -0.007 min
Response: 9803050
Conc: 34.96 ng/ml



#41 AR-1268-1

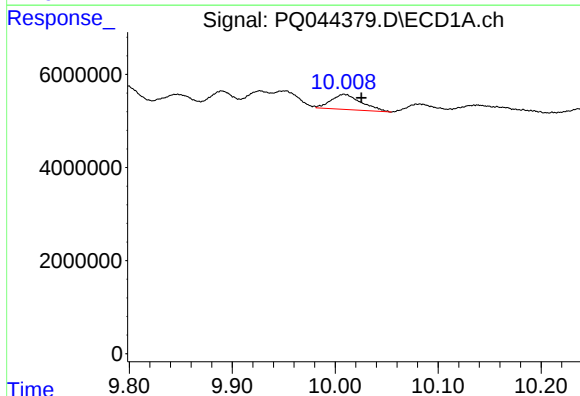
R.T.: 9.927 min
Delta R.T.: 0.007 min
Response: 4535362
Conc: 6.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



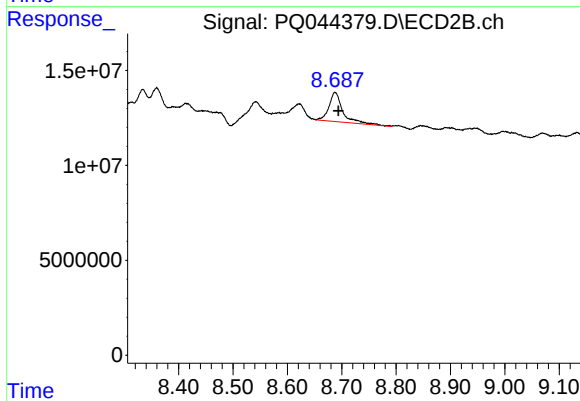
#41 AR-1268-1

R.T.: 8.622 min
Delta R.T.: -0.006 min
Response: 12181258
Conc: 12.63 ng/ml



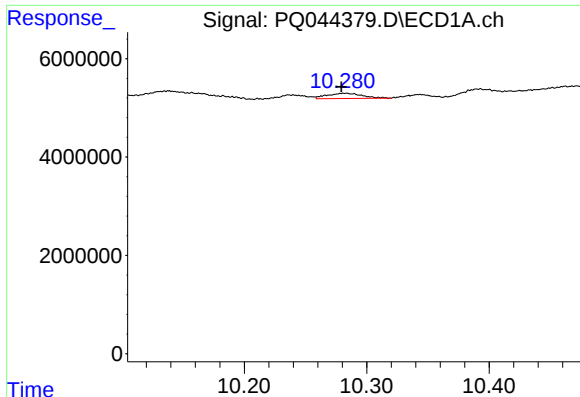
#42 AR-1268-2

R.T.: 10.009 min
Delta R.T.: -0.017 min
Response: 6601870
Conc: 9.71 ng/ml



#42 AR-1268-2

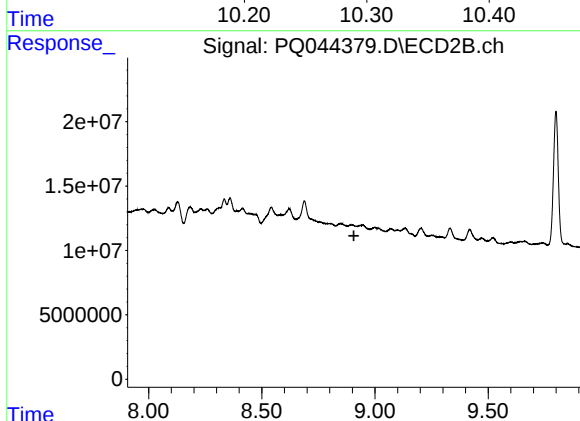
R.T.: 8.688 min
Delta R.T.: -0.006 min
Response: 27233560
Conc: 29.95 ng/ml



#43 AR-1268-3

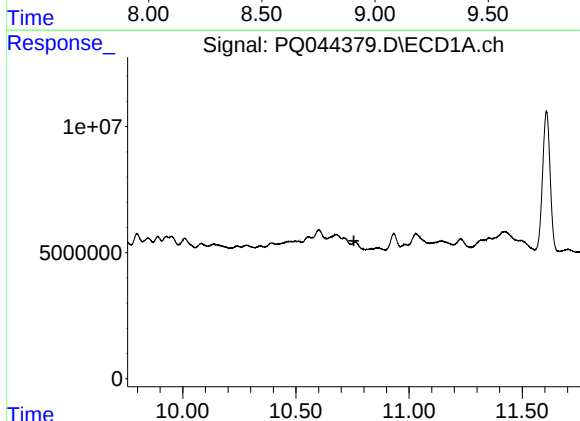
R.T.: 10.283 min
Delta R.T.: 0.003 min
Response: 2140816
Conc: 3.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



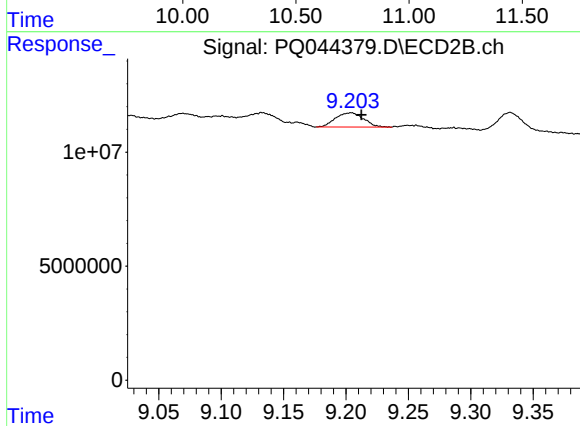
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.907 min
Response: 0
Conc: N.D.



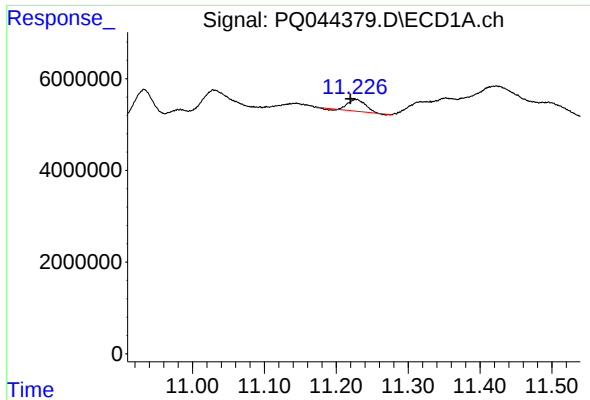
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.756 min
Response: 0
Conc: N.D.



#44 AR-1268-4

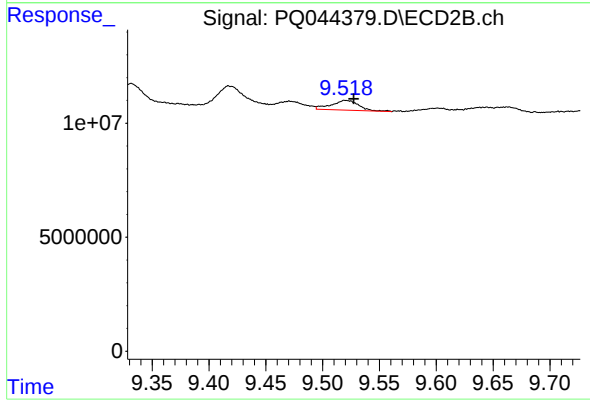
R.T.: 9.204 min
Delta R.T.: -0.008 min
Response: 9803050
Conc: 29.98 ng/ml



#45 AR-1268-5

R.T.: 11.228 min
Delta R.T.: 0.008 min
Response: 4110390
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ESP17



#45 AR-1268-5

R.T.: 9.520 min
Delta R.T.: -0.007 min
Response: 7134800
Conc: 2.74 ng/ml