

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
 Data File : PQ042821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 22:01
 Operator : SM\AJ
 Sample : K4504-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQB4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 04:29:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.623	4.686	44020468	42127492	14.830	16.810
2)	SA Decachlor...	11.974	10.416	128.3E6	106.4E6	16.994	17.419
Target Compounds							
3)	L1 AR-1016-1	7.080	6.132	18991692	4013370	156.069	34.853 #
4)	L1 AR-1016-2	7.080	6.160	18991692	4310105	103.194	26.849 #
5)	L1 AR-1016-3	7.200	6.364	2787212	14233225	22.416	166.000 #
6)	L1 AR-1016-4	7.319	6.429	4639125	5663915	52.500	78.438 #
7)	L1 AR-1016-5	7.621	6.684	8205941	20978126	97.032	234.220 #
10)	L2 AR-1221-3	6.123	0.000	137151	0	1.597	N.D. #
11)	L3 AR-1232-1	6.123	0.000	137151	0	1.977	N.D. #
12)	L3 AR-1232-2	6.714	6.160	2631484	4310105	71.492	56.422
13)	L3 AR-1232-3	7.080	6.364	18991692	14233225	227.183	350.783 #
14)	L3 AR-1232-4	7.245	6.501	67654490	15921379	1659.293	400.212 #
15)	L3 AR-1232-5	7.385	6.684	12353113	20978126	505.054	529.013
16)	L4 AR-1242-1	7.080	6.132	18991692	4013370	181.981	38.852 #
17)	L4 AR-1242-2	7.080	6.160	18991692	4310105	124.679	30.415 #
18)	L4 AR-1242-3	7.200	6.364	2787212	14233225	27.349	188.064 #
19)	L4 AR-1242-4	7.319	6.501	4639125	15921379	60.318	207.919 #
20)	L4 AR-1242-5	8.128	7.079	44642769	106.0E6	473.138	945.531 #
21)	L5 AR-1248-1	7.080	6.132	18991692	4013370	227.783	48.824 #
22)	L5 AR-1248-2	7.385	6.429	12353113	5663915	120.954	51.414 #
23)	L5 AR-1248-3	7.621	6.501	8205941	15921379	64.665	141.277 #
24)	L5 AR-1248-4	8.062	6.684	571.7E6	20978126	3448.493	153.555 #
25)	L5 AR-1248-5	8.128	7.136	44642769	31571677	280.402	200.551 #
26)	L6 AR-1254-1	8.006	7.079	83774065	106.0E6	570.943	469.720
27)	L6 AR-1254-2	8.274	7.251	100.6E6	23202428	419.329	114.747 #
28)	L6 AR-1254-3	8.671	7.722	60584082	24982258	212.508	70.943 #
29)	L6 AR-1254-4	8.962	7.953	8102427	11986320	33.982	46.710 #
30)	L6 AR-1254-5	9.418	8.395	39493309	27467054	152.957	75.590 #
31)	L7 AR-1260-1	8.834	7.850	6816611	17157099	38.666	84.092 #
32)	L7 AR-1260-2	9.101	8.046	122.6E6	12391927	510.024	46.260 #
33)	L7 AR-1260-3	9.462	8.212	13011555	7900617	60.182	33.145 #
34)	L7 AR-1260-4	9.715	8.710	12475883	5550639	51.378	24.483 #
35)	L7 AR-1260-5	10.061	8.959	14146639	14892825	23.830	23.913
36)	L8 AR-1262-1	9.538	8.510	2625019	15286995	18.212	89.302 #
37)	L8 AR-1262-2	10.061	8.959	14146639	14892825	18.802	17.827
38)	L8 AR-1262-3	10.412	9.252	10441789	3407923	19.415	9.588 #
39)	L8 AR-1262-4	10.489	9.318	3426879	7399270	7.883	11.475 #
40)	L8 AR-1262-5	11.187	9.837	3332476	5011001	9.716	15.841 #
41)	L9 AR-1268-1	10.412	9.252	10441789	3407923	10.921	3.395 #
42)	L9 AR-1268-2	10.489	9.318	3426879	7399270	3.679	7.880 #
43)	L9 AR-1268-3	10.731	9.527	2881673	8959506	3.556	11.248 #
44)	L9 AR-1268-4	11.187	9.837	3332476	5011001	8.981	14.642 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
Data File : PQ042821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Aug 2019 22:01
Operator : SM\AJ
Sample : K4504-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

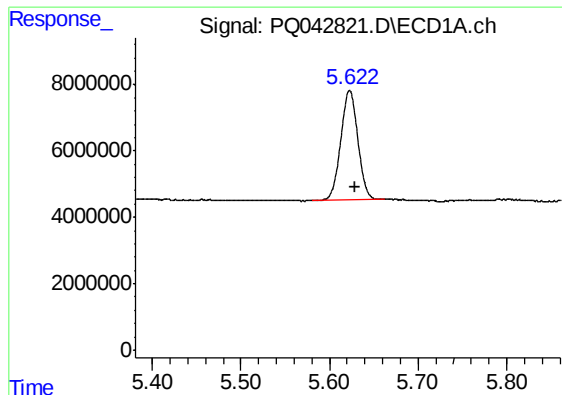
Instrument :
ECD_Q
ClientSampleId :
ETQB4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 04:29:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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
45) L9	AR-1268-5	11.620	10.146	5944280	4676250	2.100	1.824

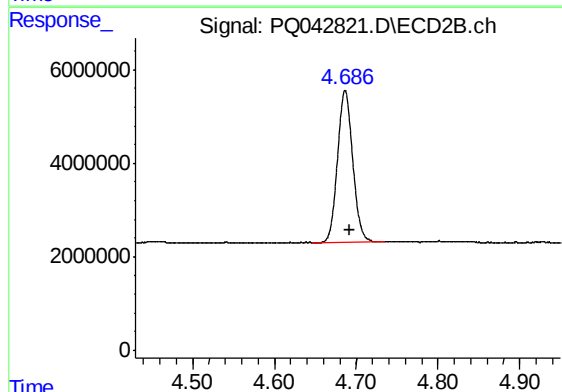
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

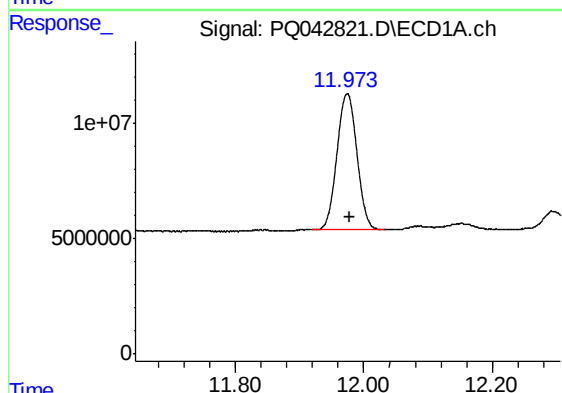
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 44020468
Conc: 14.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



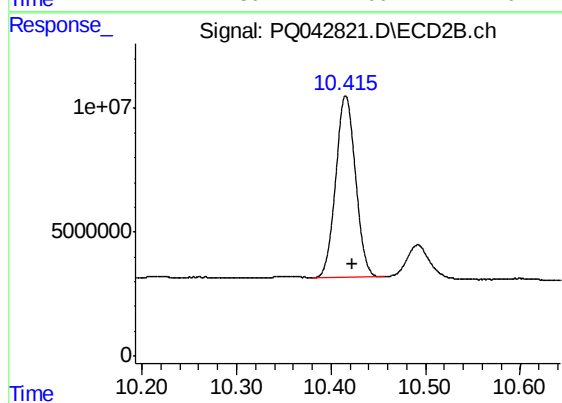
#1 Tetrachloro-m-xylene

R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 42127492
Conc: 16.81 ng/ml



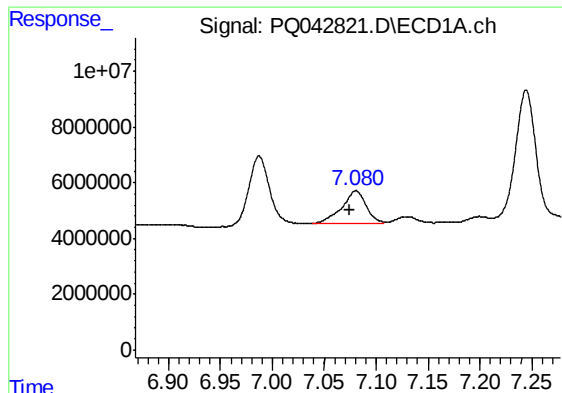
#2 Decachlorobiphenyl

R.T.: 11.974 min
Delta R.T.: -0.004 min
Response: 128279874
Conc: 16.99 ng/ml



#2 Decachlorobiphenyl

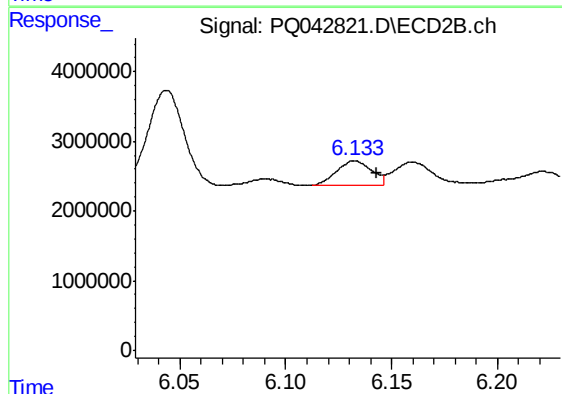
R.T.: 10.416 min
Delta R.T.: -0.006 min
Response: 106371344
Conc: 17.42 ng/ml



#3 AR-1016-1

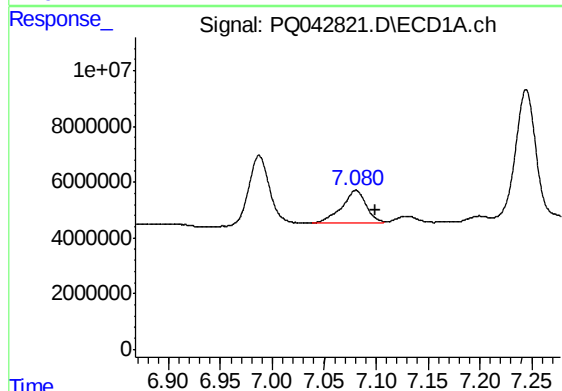
R.T.: 7.080 min
Delta R.T.: 0.006 min
Response: 18991692
Conc: 156.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



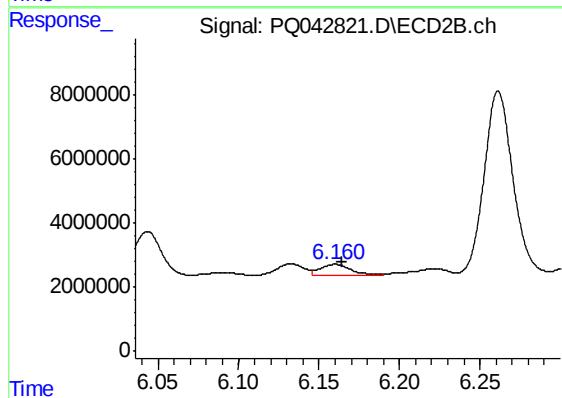
#3 AR-1016-1

R.T.: 6.132 min
Delta R.T.: -0.010 min
Response: 4013370
Conc: 34.85 ng/ml



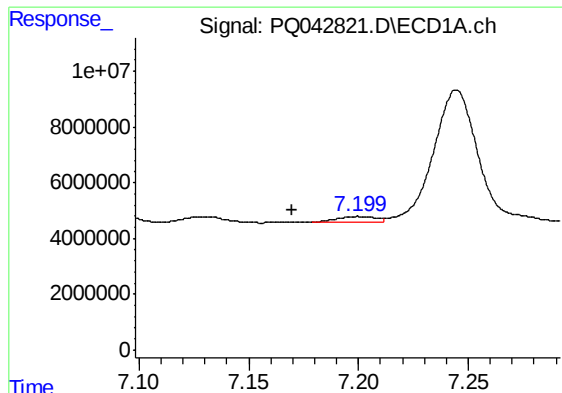
#4 AR-1016-2

R.T.: 7.080 min
Delta R.T.: -0.019 min
Response: 18991692
Conc: 103.19 ng/ml



#4 AR-1016-2

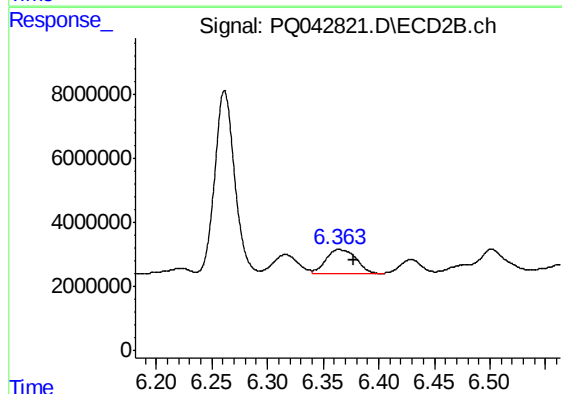
R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 4310105
Conc: 26.85 ng/ml



#5 AR-1016-3

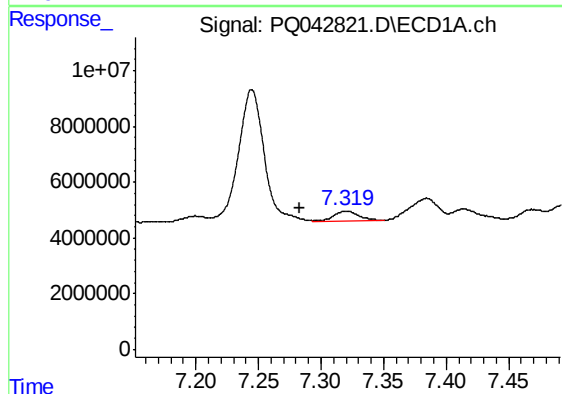
R.T.: 7.200 min
Delta R.T.: 0.030 min
Response: 2787212
Conc: 22.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



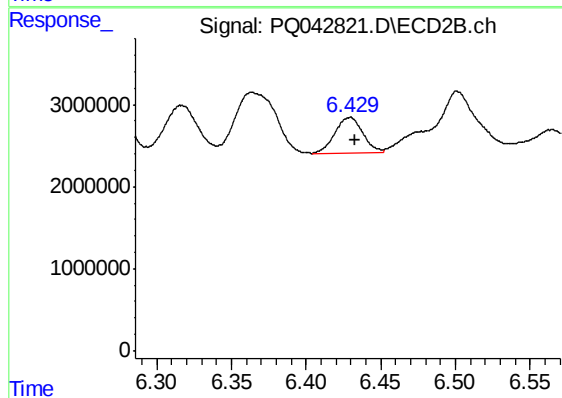
#5 AR-1016-3

R.T.: 6.364 min
Delta R.T.: -0.014 min
Response: 14233225
Conc: 166.00 ng/ml



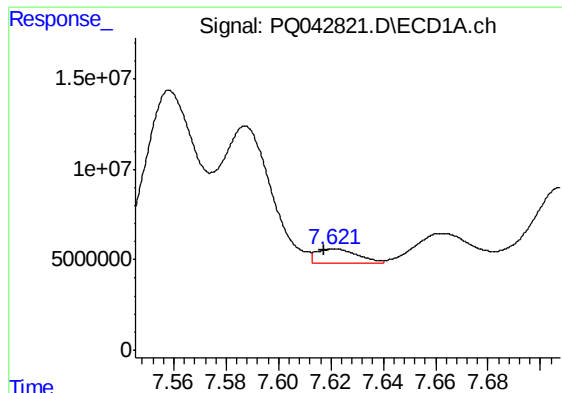
#6 AR-1016-4

R.T.: 7.319 min
Delta R.T.: 0.036 min
Response: 4639125
Conc: 52.50 ng/ml



#6 AR-1016-4

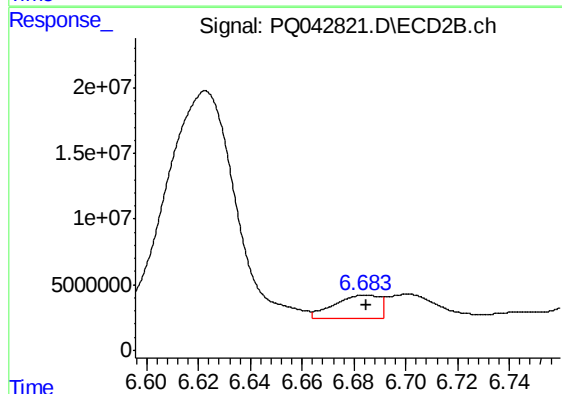
R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 5663915
Conc: 78.44 ng/ml



#7 AR-1016-5

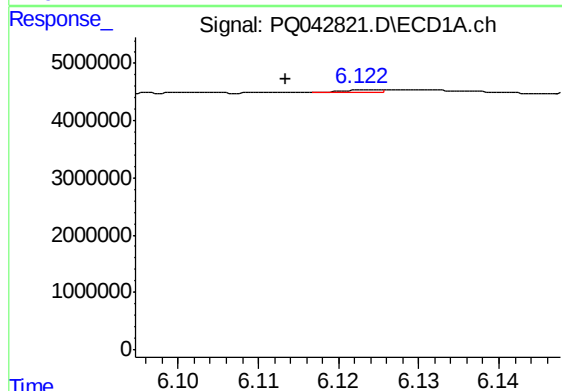
R.T.: 7.621 min
Delta R.T.: 0.004 min
Response: 8205941
Conc: 97.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



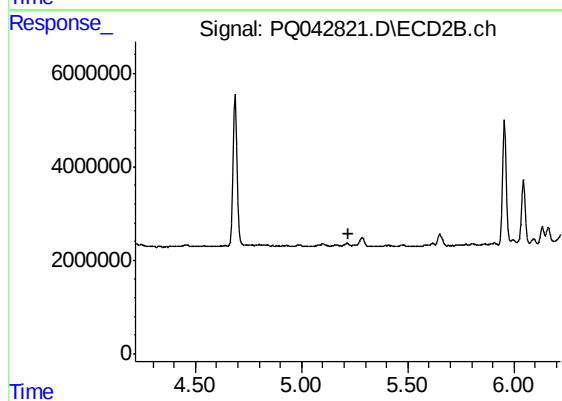
#7 AR-1016-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 20978126
Conc: 234.22 ng/ml



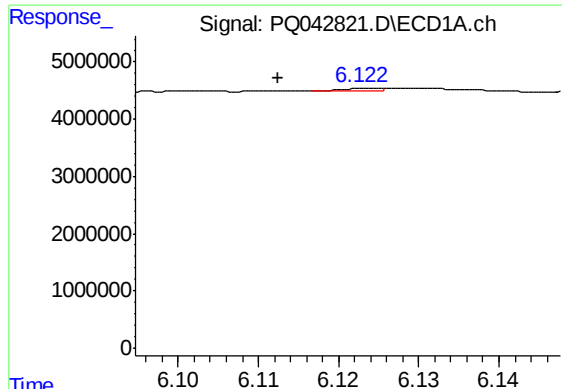
#10 AR-1221-3

R.T.: 6.123 min
Delta R.T.: 0.010 min
Response: 137151
Conc: 1.60 ng/ml



#10 AR-1221-3

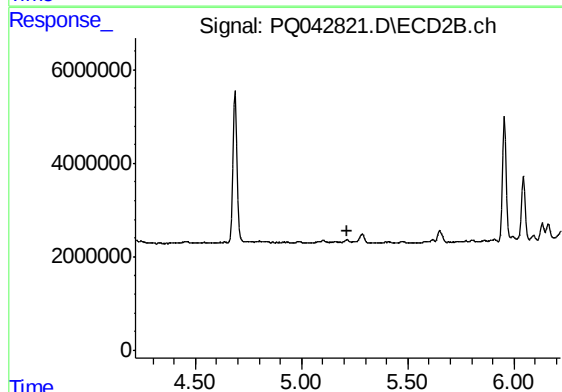
R.T.: 0.000 min
Exp R.T. : 5.218 min
Response: 0
Conc: N.D.



#11 AR-1232-1

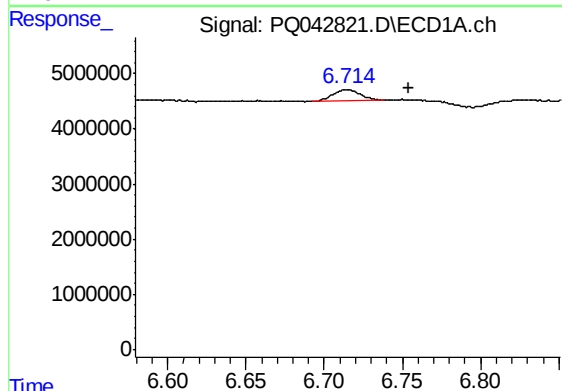
R.T.: 6.123 min
Delta R.T.: 0.011 min
Response: 137151
Conc: 1.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



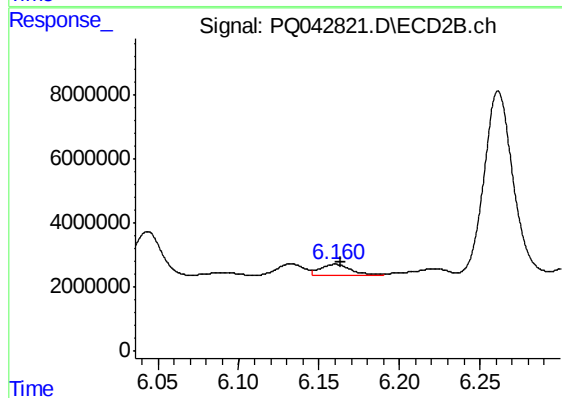
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.218 min
Response: 0
Conc: N.D.



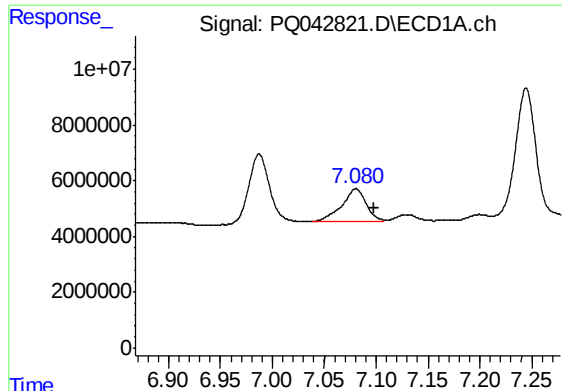
#12 AR-1232-2

R.T.: 6.714 min
Delta R.T.: -0.040 min
Response: 2631484
Conc: 71.49 ng/ml



#12 AR-1232-2

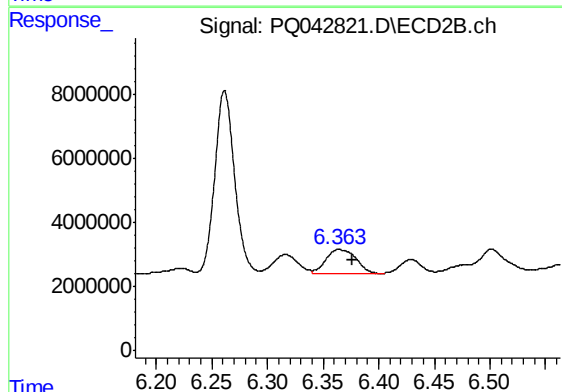
R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 4310105
Conc: 56.42 ng/ml



#13 AR-1232-3

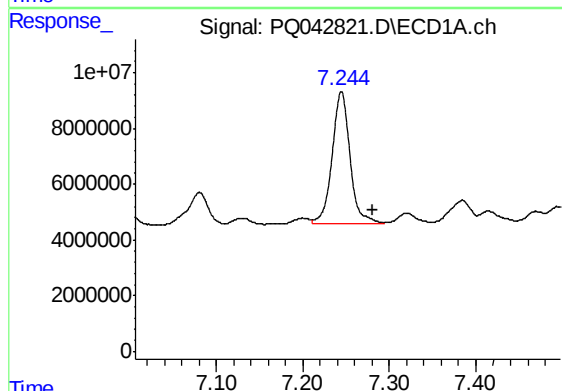
R.T.: 7.080 min
Delta R.T.: -0.018 min
Response: 18991692
Conc: 227.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



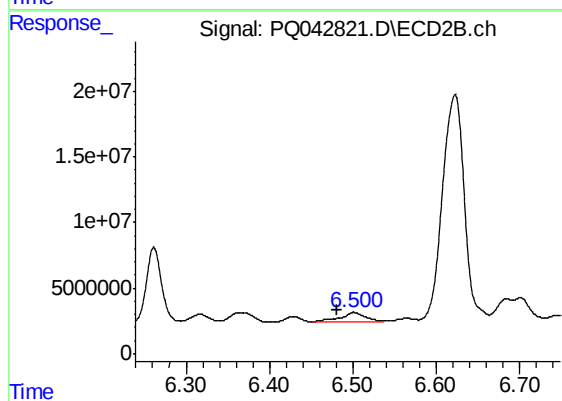
#13 AR-1232-3

R.T.: 6.364 min
Delta R.T.: -0.013 min
Response: 14233225
Conc: 350.78 ng/ml



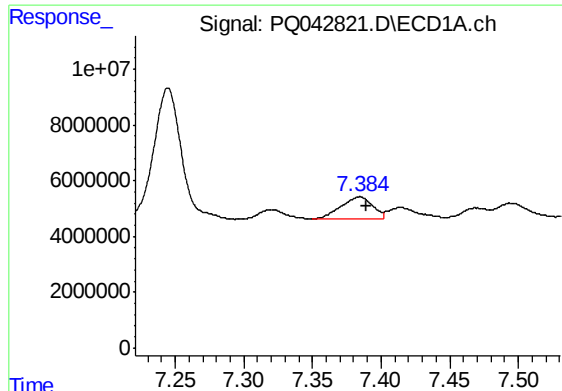
#14 AR-1232-4

R.T.: 7.245 min
Delta R.T.: -0.037 min
Response: 67654490
Conc: 1659.29 ng/ml



#14 AR-1232-4

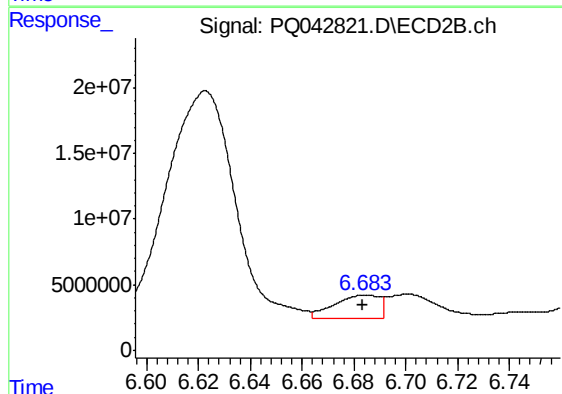
R.T.: 6.501 min
Delta R.T.: 0.020 min
Response: 15921379
Conc: 400.21 ng/ml



#15 AR-1232-5

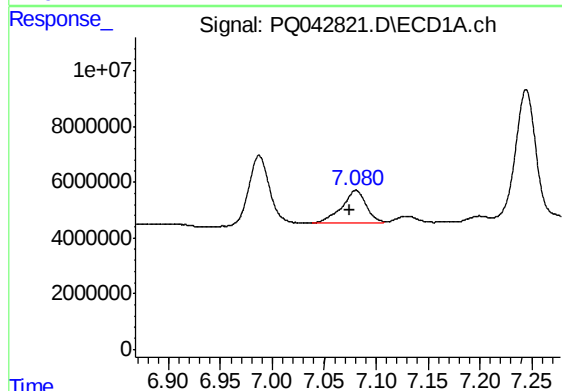
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 12353113
Conc: 505.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



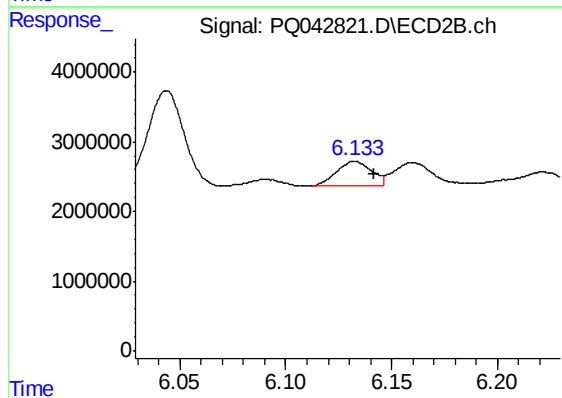
#15 AR-1232-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 20978126
Conc: 529.01 ng/ml



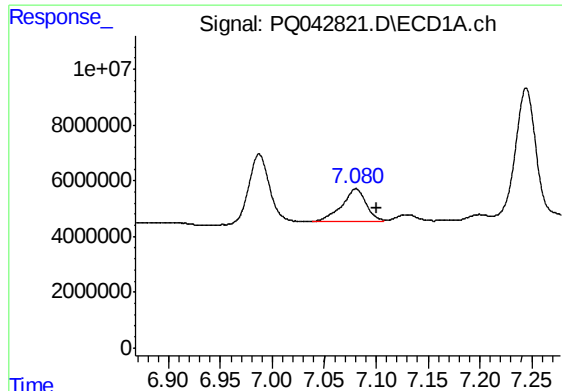
#16 AR-1242-1

R.T.: 7.080 min
Delta R.T.: 0.006 min
Response: 18991692
Conc: 181.98 ng/ml



#16 AR-1242-1

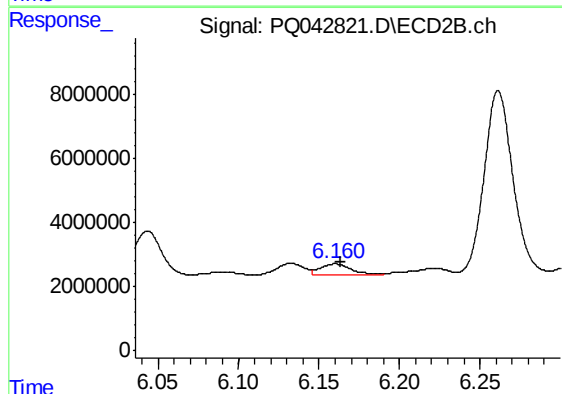
R.T.: 6.132 min
Delta R.T.: -0.009 min
Response: 4013370
Conc: 38.85 ng/ml



#17 AR-1242-2

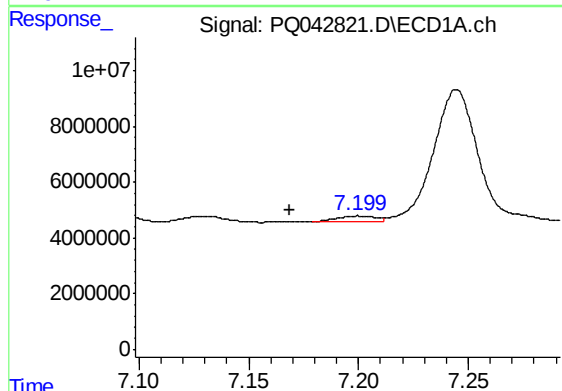
R.T.: 7.080 min
Delta R.T.: -0.020 min
Response: 18991692
Conc: 124.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



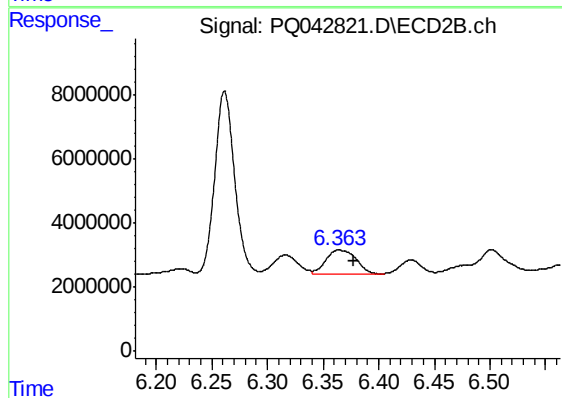
#17 AR-1242-2

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 4310105
Conc: 30.42 ng/ml



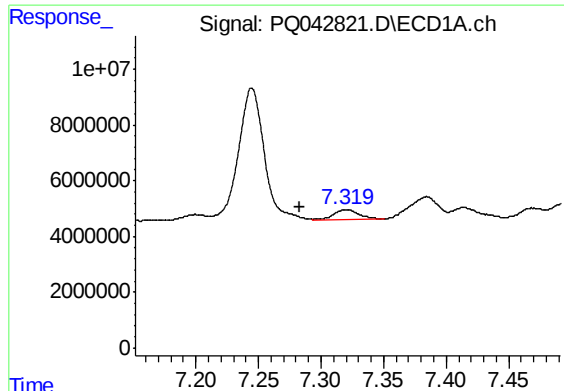
#18 AR-1242-3

R.T.: 7.200 min
Delta R.T.: 0.031 min
Response: 2787212
Conc: 27.35 ng/ml



#18 AR-1242-3

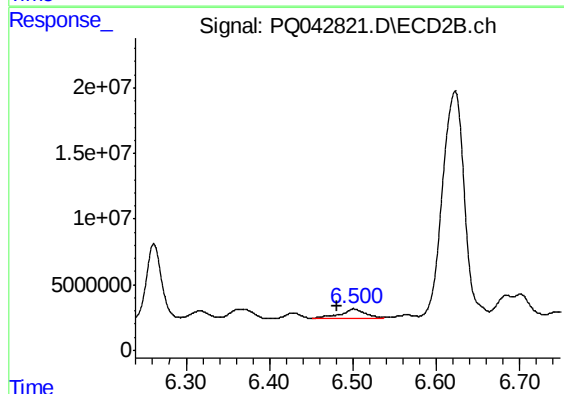
R.T.: 6.364 min
Delta R.T.: -0.014 min
Response: 14233225
Conc: 188.06 ng/ml



#19 AR-1242-4

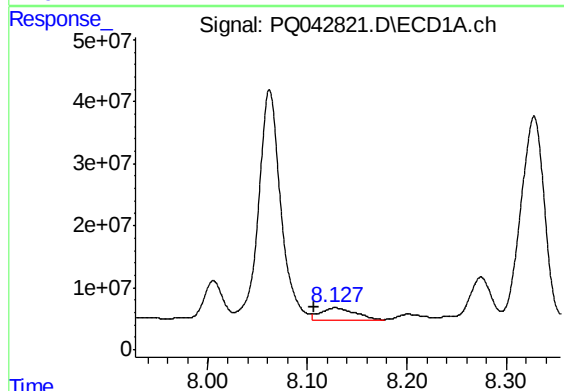
R.T.: 7.319 min
Delta R.T.: 0.036 min
Response: 4639125
Conc: 60.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



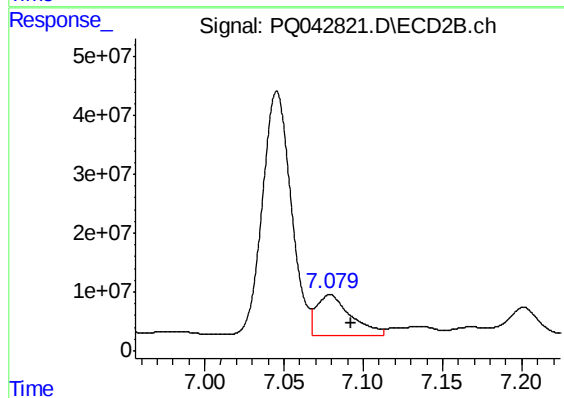
#19 AR-1242-4

R.T.: 6.501 min
Delta R.T.: 0.021 min
Response: 15921379
Conc: 207.92 ng/ml



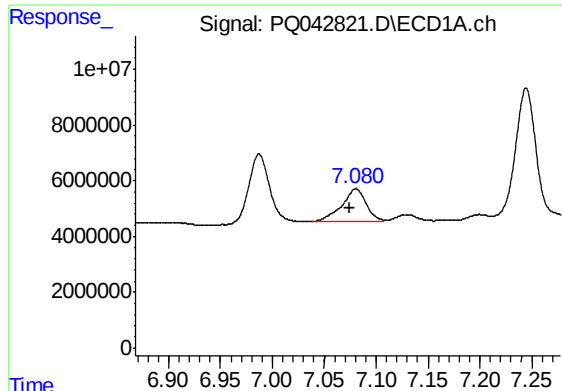
#20 AR-1242-5

R.T.: 8.128 min
Delta R.T.: 0.022 min
Response: 44642769
Conc: 473.14 ng/ml



#20 AR-1242-5

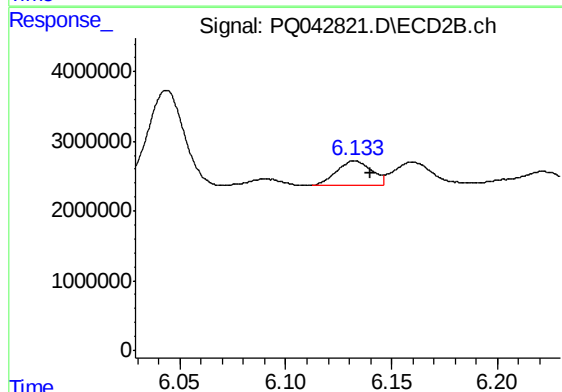
R.T.: 7.079 min
Delta R.T.: -0.013 min
Response: 105990254
Conc: 945.53 ng/ml



#21 AR-1248-1

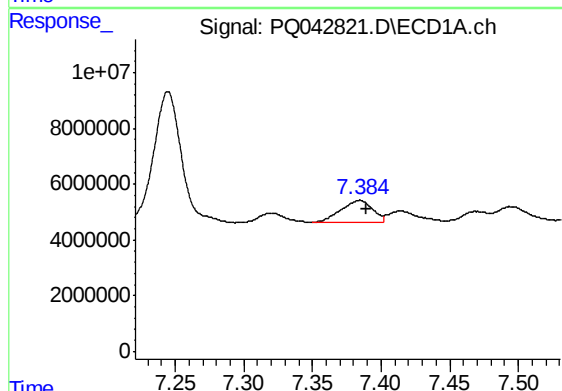
R.T.: 7.080 min
Delta R.T.: 0.006 min
Response: 18991692
Conc: 227.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



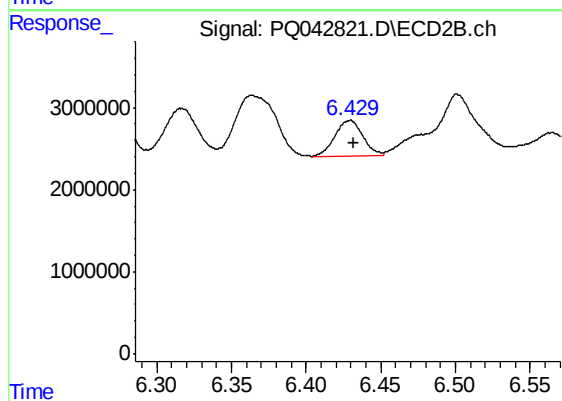
#21 AR-1248-1

R.T.: 6.132 min
Delta R.T.: -0.008 min
Response: 4013370
Conc: 48.82 ng/ml



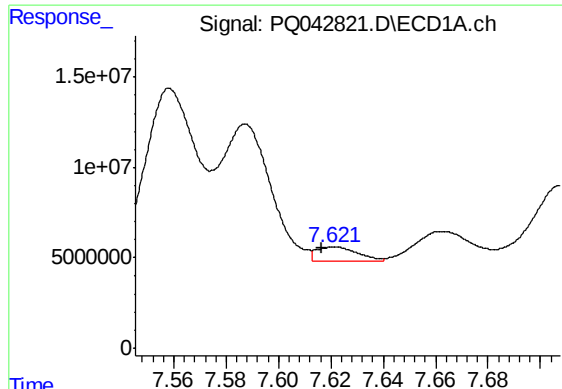
#22 AR-1248-2

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 12353113
Conc: 120.95 ng/ml



#22 AR-1248-2

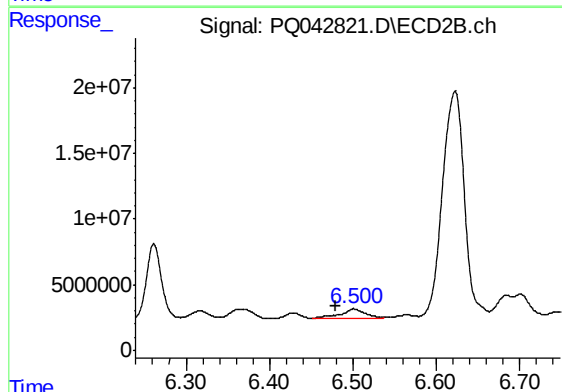
R.T.: 6.429 min
Delta R.T.: -0.003 min
Response: 5663915
Conc: 51.41 ng/ml



#23 AR-1248-3

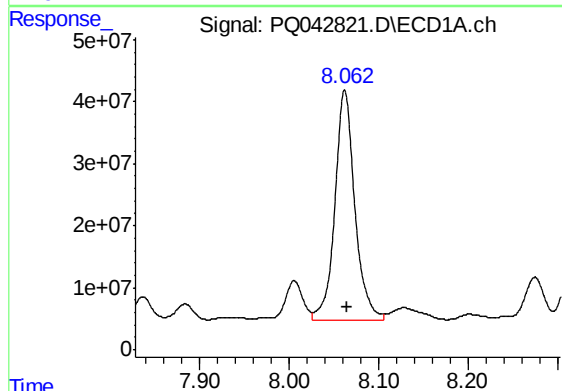
R.T.: 7.621 min
Delta R.T.: 0.005 min
Response: 8205941
Conc: 64.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



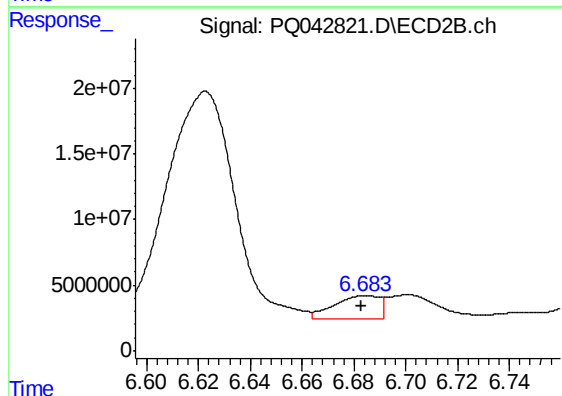
#23 AR-1248-3

R.T.: 6.501 min
Delta R.T.: 0.021 min
Response: 15921379
Conc: 141.28 ng/ml



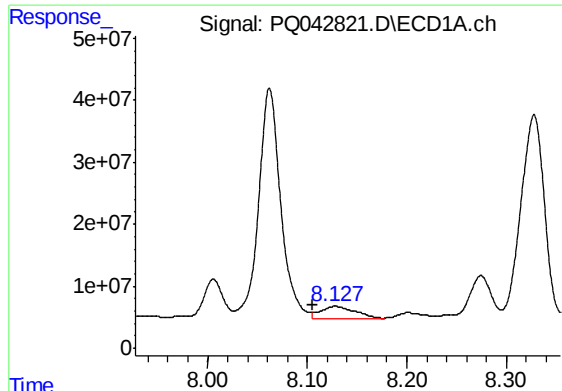
#24 AR-1248-4

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 571669196
Conc: 3448.49 ng/ml



#24 AR-1248-4

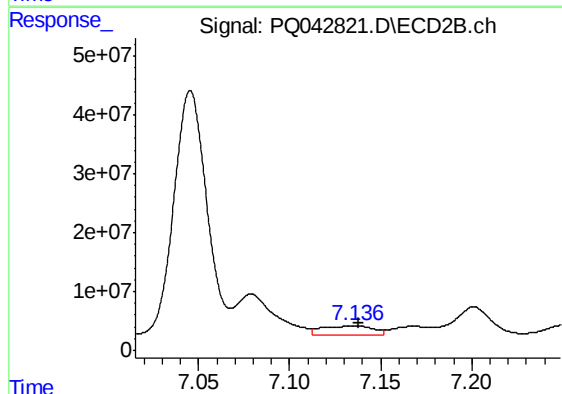
R.T.: 6.684 min
Delta R.T.: 0.001 min
Response: 20978126
Conc: 153.56 ng/ml



#25 AR-1248-5

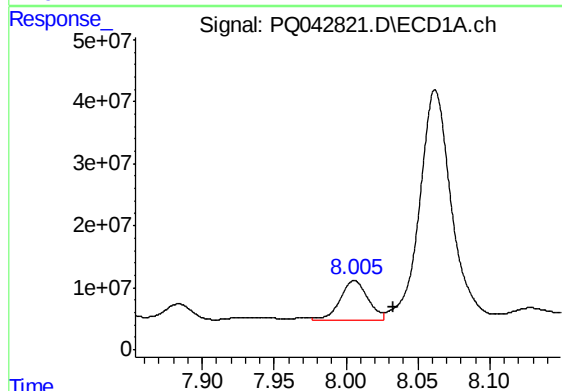
R.T.: 8.128 min
Delta R.T.: 0.022 min
Response: 44642769
Conc: 280.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



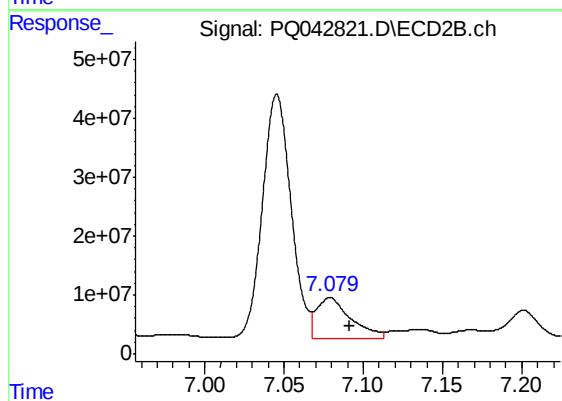
#25 AR-1248-5

R.T.: 7.136 min
Delta R.T.: -0.002 min
Response: 31571677
Conc: 200.55 ng/ml



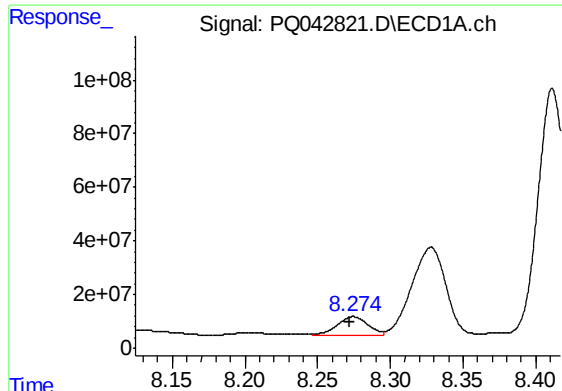
#26 AR-1254-1

R.T.: 8.006 min
Delta R.T.: -0.027 min
Response: 83774065
Conc: 570.94 ng/ml



#26 AR-1254-1

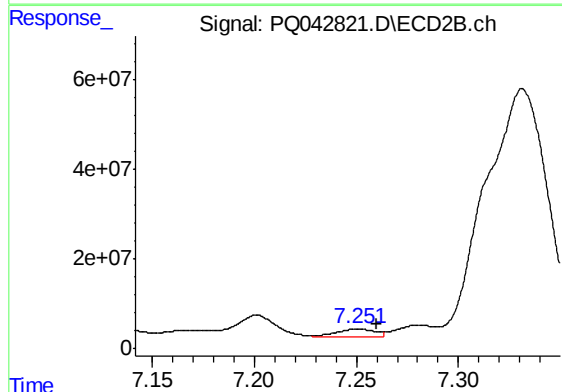
R.T.: 7.079 min
Delta R.T.: -0.012 min
Response: 105990254
Conc: 469.72 ng/ml



#27 AR-1254-2

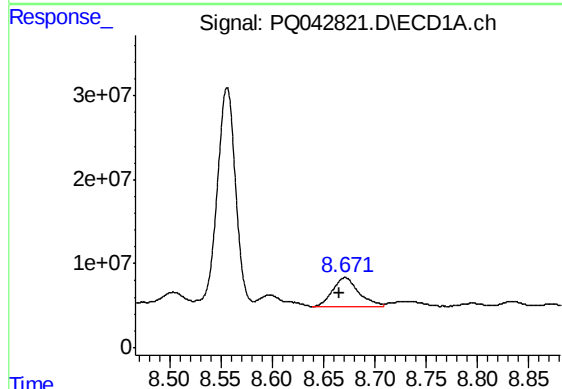
R.T.: 8.274 min
Delta R.T.: 0.003 min
Response: 100586406
Conc: 419.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



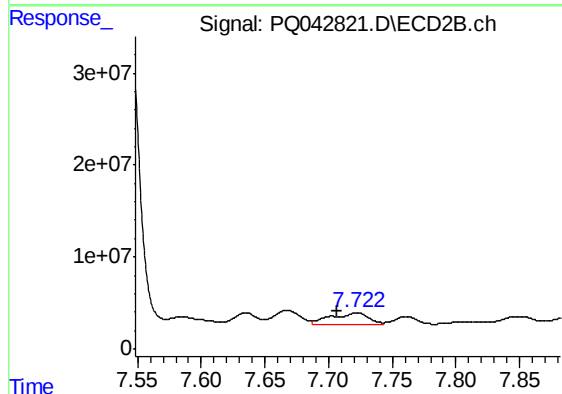
#27 AR-1254-2

R.T.: 7.251 min
Delta R.T.: -0.009 min
Response: 23202428
Conc: 114.75 ng/ml



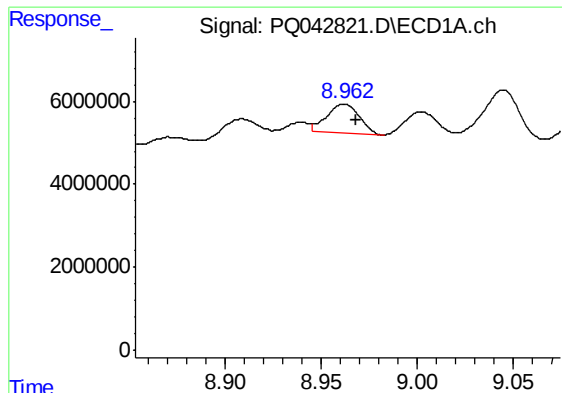
#28 AR-1254-3

R.T.: 8.671 min
Delta R.T.: 0.005 min
Response: 60584082
Conc: 212.51 ng/ml



#28 AR-1254-3

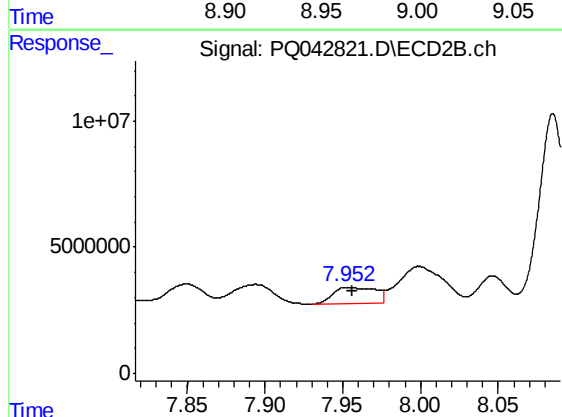
R.T.: 7.722 min
Delta R.T.: 0.015 min
Response: 24982258
Conc: 70.94 ng/ml



#29 AR-1254-4

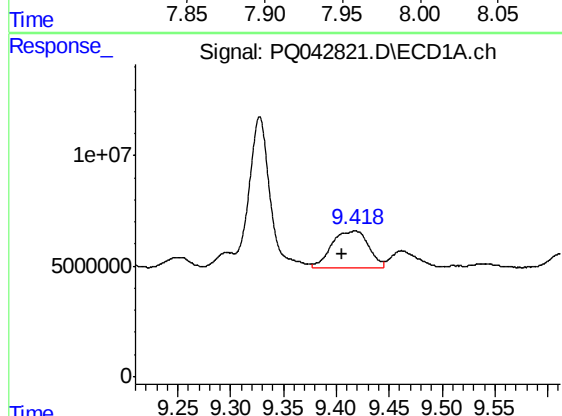
R.T.: 8.962 min
Delta R.T.: -0.006 min
Response: 8102427
Conc: 33.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



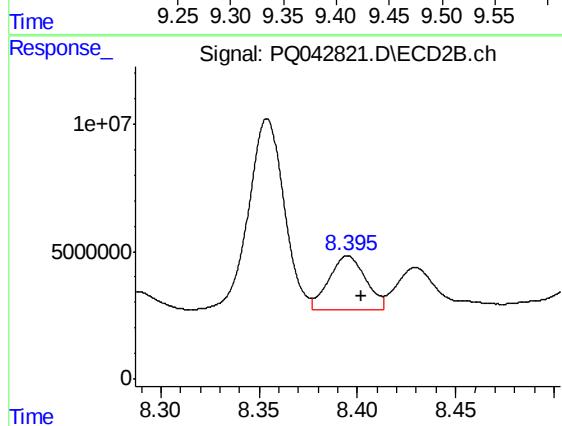
#29 AR-1254-4

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 11986320
Conc: 46.71 ng/ml



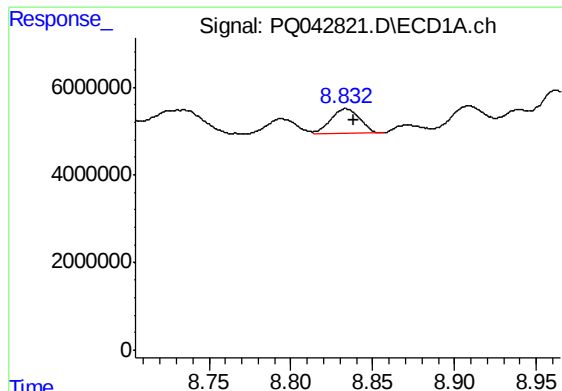
#30 AR-1254-5

R.T.: 9.418 min
Delta R.T.: 0.012 min
Response: 39493309
Conc: 152.96 ng/ml



#30 AR-1254-5

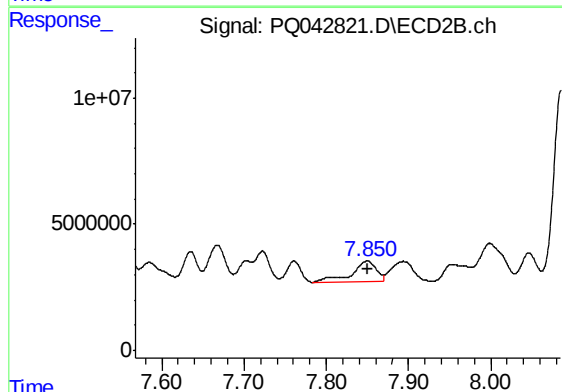
R.T.: 8.395 min
Delta R.T.: -0.007 min
Response: 27467054
Conc: 75.59 ng/ml



#31 AR-1260-1

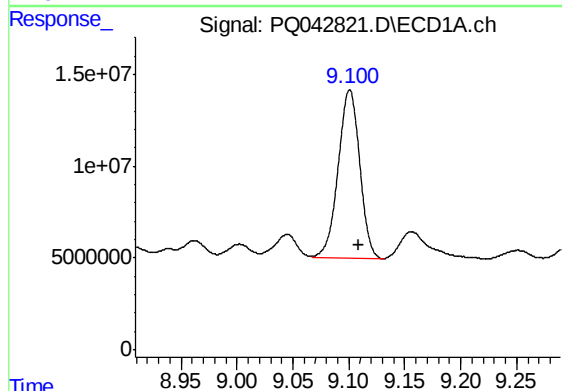
R.T.: 8.834 min
Delta R.T.: -0.004 min
Response: 6816611
Conc: 38.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



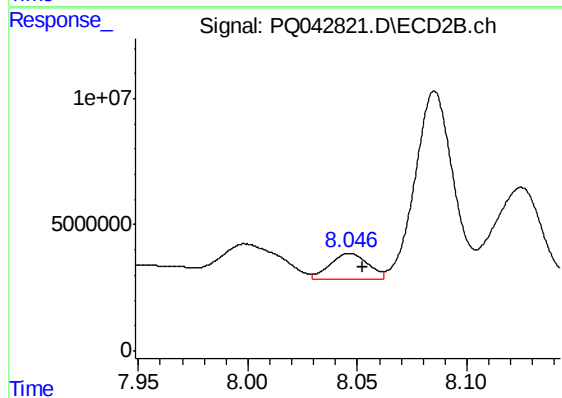
#31 AR-1260-1

R.T.: 7.850 min
Delta R.T.: 0.000 min
Response: 17157099
Conc: 84.09 ng/ml



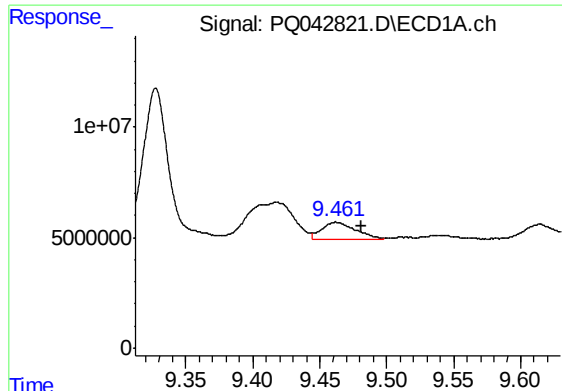
#32 AR-1260-2

R.T.: 9.101 min
Delta R.T.: -0.008 min
Response: 122588995
Conc: 510.02 ng/ml



#32 AR-1260-2

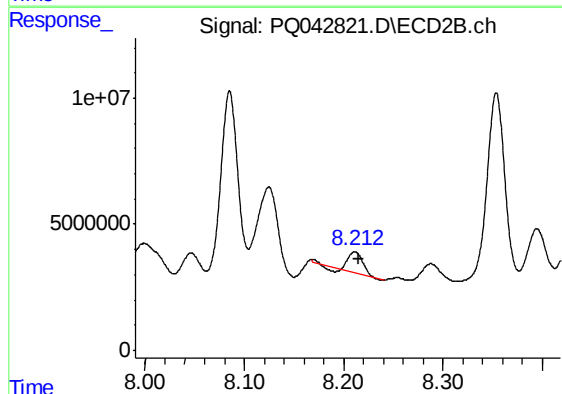
R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 12391927
Conc: 46.26 ng/ml



#33 AR-1260-3

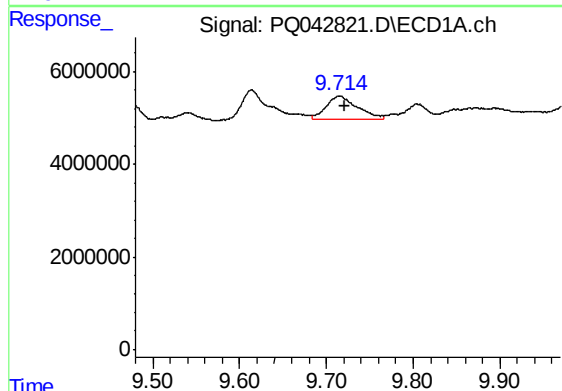
R.T.: 9.462 min
Delta R.T.: -0.020 min
Response: 13011555
Conc: 60.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



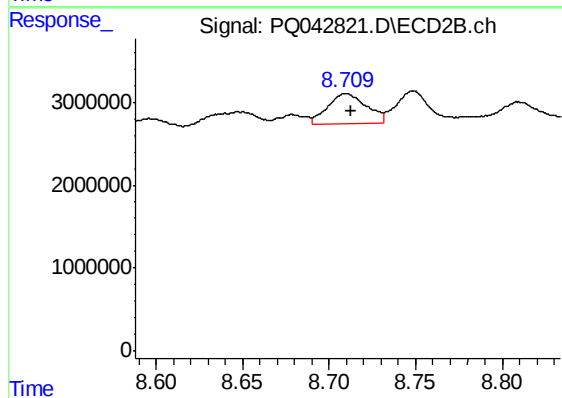
#33 AR-1260-3

R.T.: 8.212 min
Delta R.T.: -0.004 min
Response: 7900617
Conc: 33.15 ng/ml



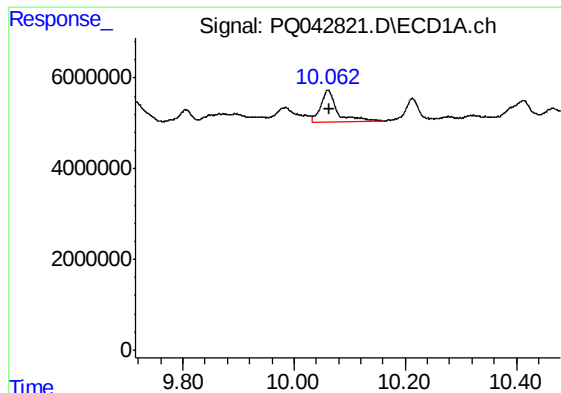
#34 AR-1260-4

R.T.: 9.715 min
Delta R.T.: -0.007 min
Response: 12475883
Conc: 51.38 ng/ml



#34 AR-1260-4

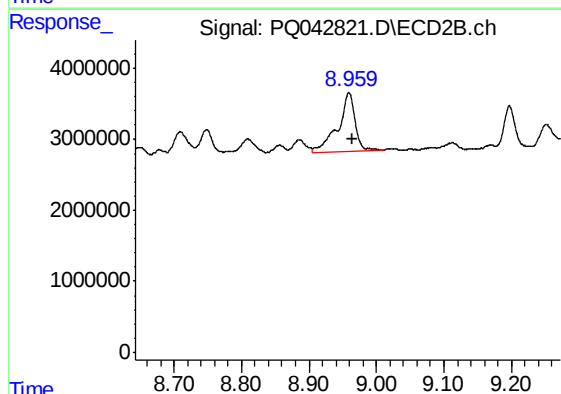
R.T.: 8.710 min
Delta R.T.: -0.003 min
Response: 5550639
Conc: 24.48 ng/ml



#35 AR-1260-5

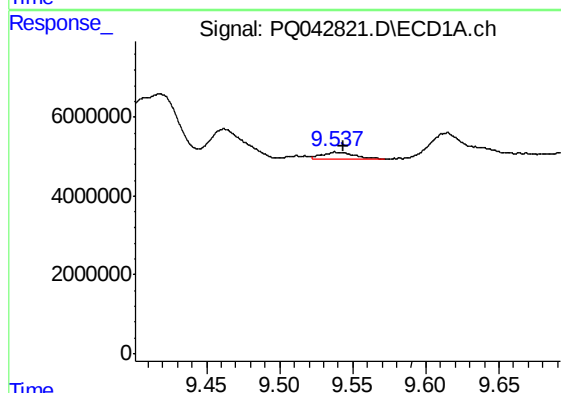
R.T.: 10.061 min
Delta R.T.: -0.002 min
Response: 14146639
Conc: 23.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



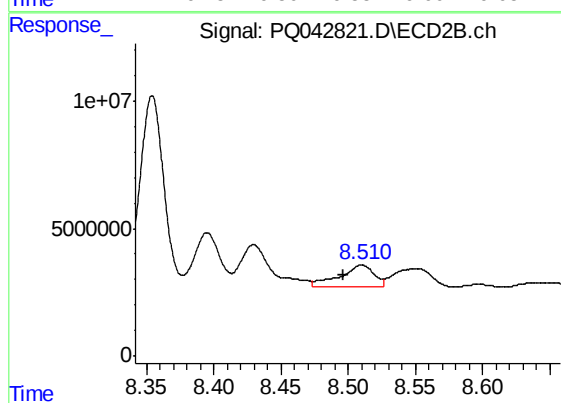
#35 AR-1260-5

R.T.: 8.959 min
Delta R.T.: -0.005 min
Response: 14892825
Conc: 23.91 ng/ml



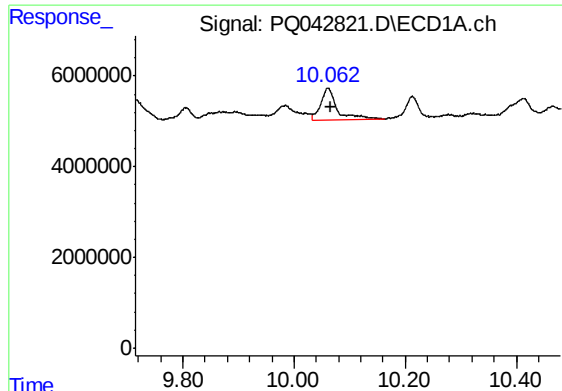
#36 AR-1262-1

R.T.: 9.538 min
Delta R.T.: -0.005 min
Response: 2625019
Conc: 18.21 ng/ml



#36 AR-1262-1

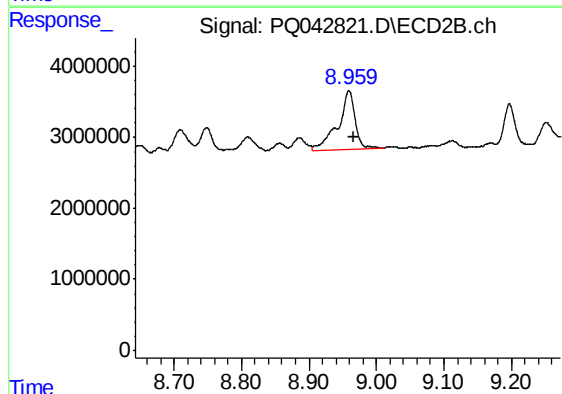
R.T.: 8.510 min
Delta R.T.: 0.014 min
Response: 15286995
Conc: 89.30 ng/ml



#37 AR-1262-2

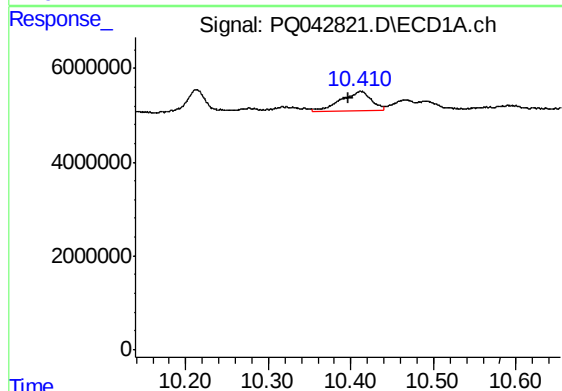
R.T.: 10.061 min
Delta R.T.: -0.005 min
Response: 14146639
Conc: 18.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



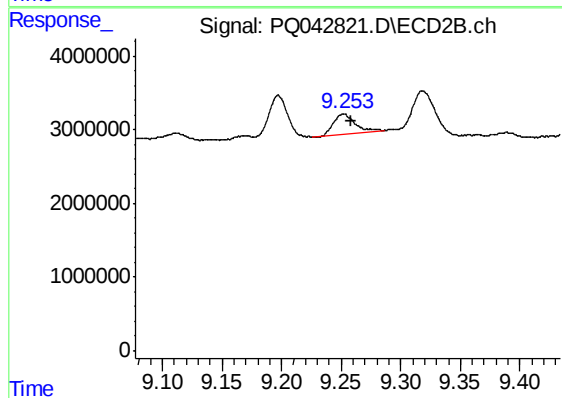
#37 AR-1262-2

R.T.: 8.959 min
Delta R.T.: -0.007 min
Response: 14892825
Conc: 17.83 ng/ml



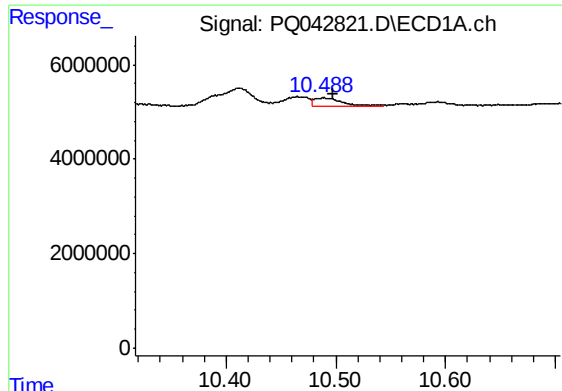
#38 AR-1262-3

R.T.: 10.412 min
Delta R.T.: 0.014 min
Response: 10441789
Conc: 19.42 ng/ml



#38 AR-1262-3

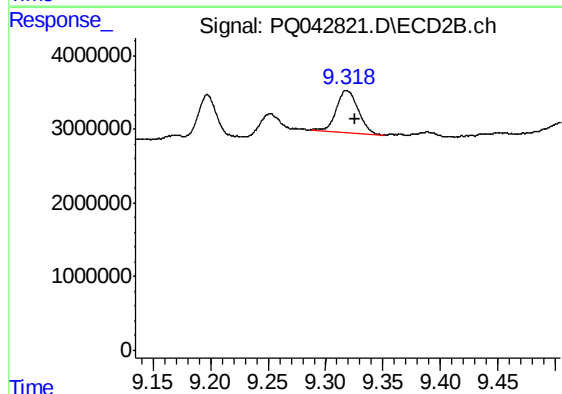
R.T.: 9.252 min
Delta R.T.: -0.006 min
Response: 3407923
Conc: 9.59 ng/ml



#39 AR-1262-4

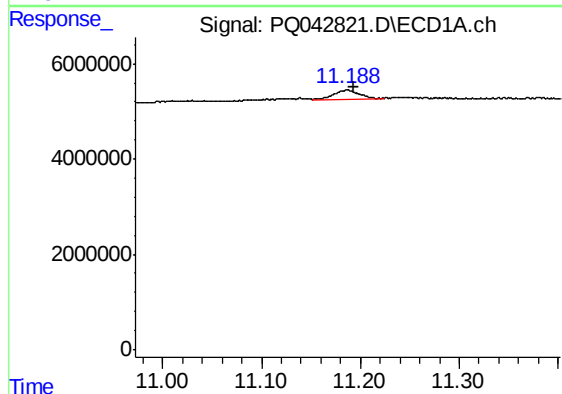
R.T.: 10.489 min
Delta R.T.: -0.008 min
Response: 3426879
Conc: 7.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



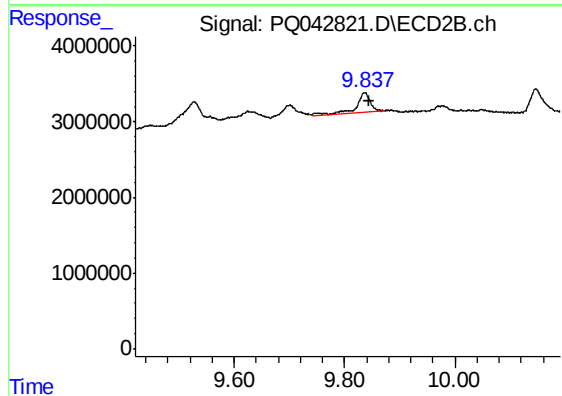
#39 AR-1262-4

R.T.: 9.318 min
Delta R.T.: -0.007 min
Response: 7399270
Conc: 11.48 ng/ml



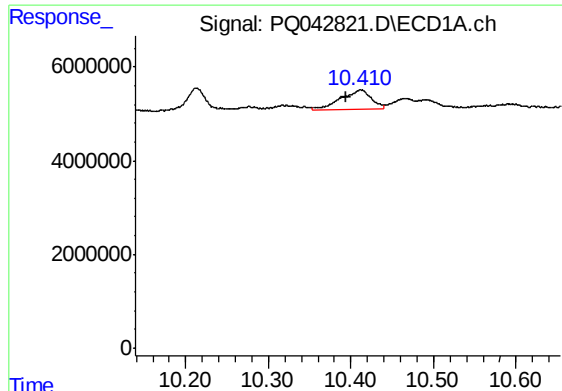
#40 AR-1262-5

R.T.: 11.187 min
Delta R.T.: -0.006 min
Response: 3332476
Conc: 9.72 ng/ml



#40 AR-1262-5

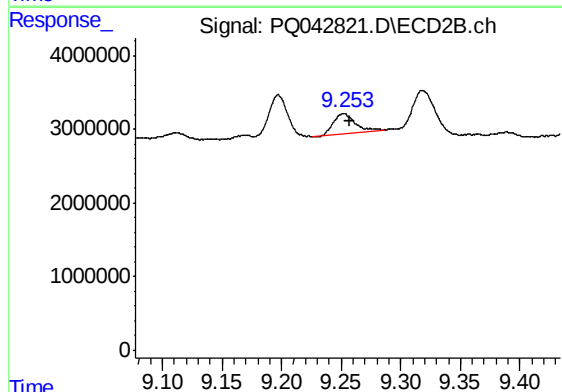
R.T.: 9.837 min
Delta R.T.: -0.007 min
Response: 5011001
Conc: 15.84 ng/ml



#41 AR-1268-1

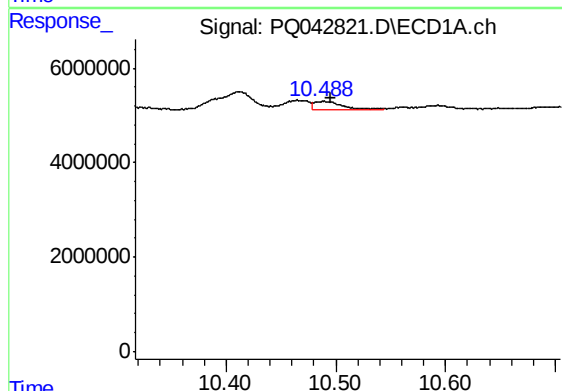
R.T.: 10.412 min
Delta R.T.: 0.018 min
Response: 10441789
Conc: 10.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



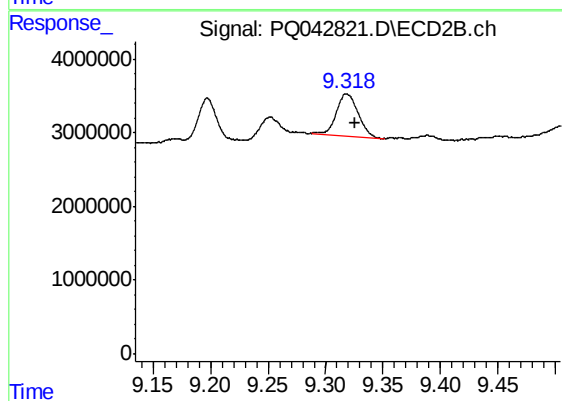
#41 AR-1268-1

R.T.: 9.252 min
Delta R.T.: -0.006 min
Response: 3407923
Conc: 3.39 ng/ml



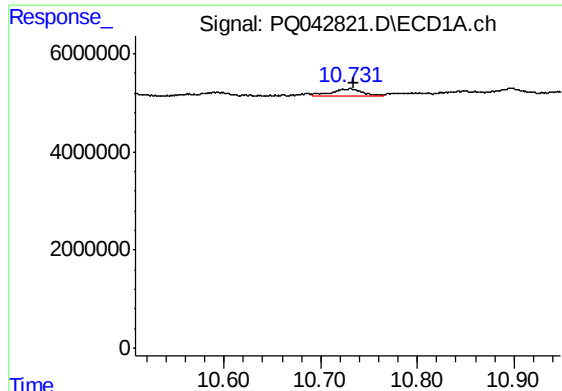
#42 AR-1268-2

R.T.: 10.489 min
Delta R.T.: -0.006 min
Response: 3426879
Conc: 3.68 ng/ml



#42 AR-1268-2

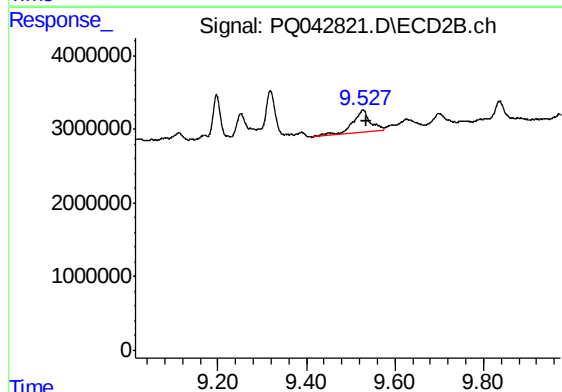
R.T.: 9.318 min
Delta R.T.: -0.007 min
Response: 7399270
Conc: 7.88 ng/ml



#43 AR-1268-3

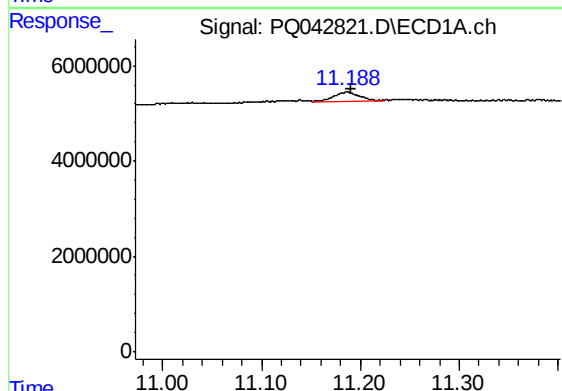
R.T.: 10.731 min
Delta R.T.: -0.003 min
Response: 2881673
Conc: 3.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



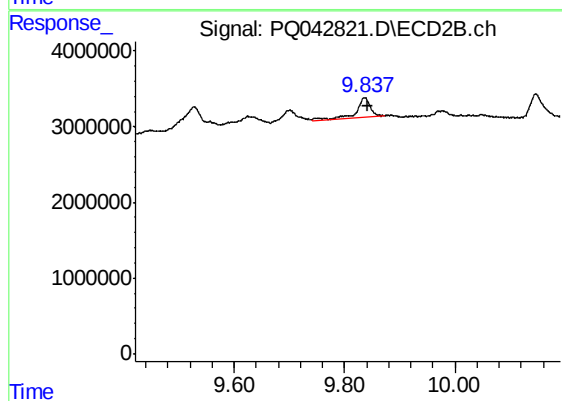
#43 AR-1268-3

R.T.: 9.527 min
Delta R.T.: -0.008 min
Response: 8959506
Conc: 11.25 ng/ml



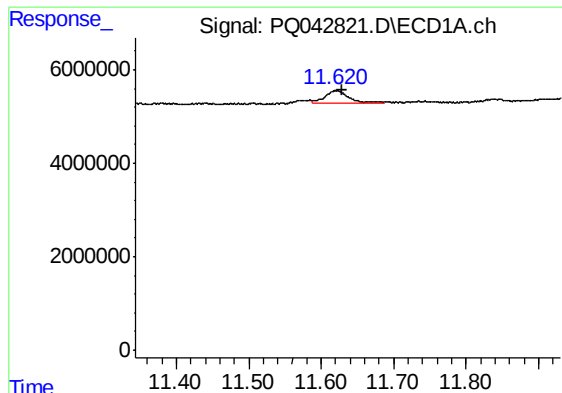
#44 AR-1268-4

R.T.: 11.187 min
Delta R.T.: -0.004 min
Response: 3332476
Conc: 8.98 ng/ml



#44 AR-1268-4

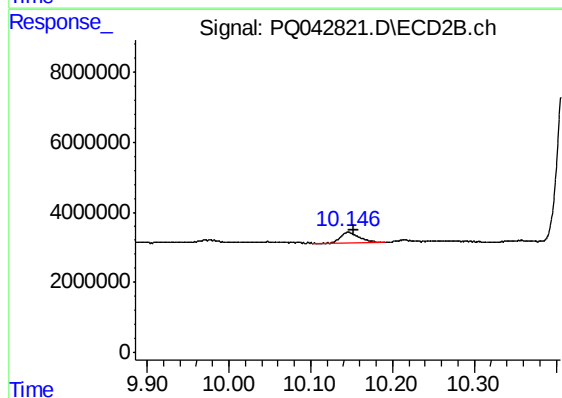
R.T.: 9.837 min
Delta R.T.: -0.006 min
Response: 5011001
Conc: 14.64 ng/ml



#45 AR-1268-5

R.T.: 11.620 min
Delta R.T.: -0.008 min
Response: 5944280
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB4



#45 AR-1268-5

R.T.: 10.146 min
Delta R.T.: -0.007 min
Response: 4676250
Conc: 1.82 ng/ml