

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012020\
 Data File : PQ046189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 08:44
 Operator : AJ\MA
 Sample : L1161-10
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 11:56:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:38:37 2020
 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...	5.207	4.357	135.3E6	55017819	19.086	17.538
2)	SA Decachlor...	11.346	9.785	146.4E6	98717286	17.284	19.102
Target Compounds							
3)	L1 AR-1016-1	6.519	5.637	9253925	3423679	35.522	30.956
4)	L1 AR-1016-2	6.542	5.658	15067936	6289692	36.888	33.695
5)	L1 AR-1016-3	6.610	5.855	9760451	3012587	38.591	33.091
6)	L1 AR-1016-4	6.716	5.901	7377856	2411057	36.247	29.485
7)	L1 AR-1016-5	7.031	6.135	7410191	3578380	35.118	34.908
8)	L2 AR-1221-1	5.449	4.621	4654269	1575357	55.023	43.473
9)	L2 AR-1221-2	5.550	4.723	7520485	1850399	116.438	68.233 #
10)	L2 AR-1221-3	5.635	4.815	13759995	4737052	68.770	53.478
11)	L3 AR-1232-1	5.635	4.815	13759995	4737052	95.027	76.823
12)	L3 AR-1232-2	6.225	5.658	8698749	6289692	109.050	86.513
13)	L3 AR-1232-3	6.542	5.855	15067936	3012587	95.667	90.764
14)	L3 AR-1232-4	6.716	5.946	7377856	2970689	95.008	91.826
15)	L3 AR-1232-5	6.814	6.135	6005902	3578380	95.936	95.883
16)	L4 AR-1242-1	6.519	5.637	9253925	3423679	43.820	38.966
17)	L4 AR-1242-2	6.542	5.658	15067936	6289692	46.648	44.425
18)	L4 AR-1242-3	6.610	5.855	9760451	3012587	47.289	42.551
19)	L4 AR-1242-4	6.716	5.946	7377856	2970689	44.090	39.697
20)	L4 AR-1242-5	7.498	6.517	7830277	3162164	42.542	31.170 #
21)	L5 AR-1248-1	6.519	5.637	9253925	3423679	64.012	56.849
22)	L5 AR-1248-2	6.814	5.901	6005902	2411057	27.107	25.897
23)	L5 AR-1248-3	7.031	5.946	7410191	2970689	29.382	30.510
24)	L5 AR-1248-4	7.459	6.135	7456744	3578380	26.846	29.653
25)	L5 AR-1248-5	7.498	6.563	7830277	2701665	27.144	23.282
26)	L6 AR-1254-1	7.429	6.517	5367416	3162164	17.904	16.003
27)	L6 AR-1254-2	7.664	6.675	6135140	906449	12.963	5.161 #
28)	L6 AR-1254-3	8.042	7.104	2861531	1244243	5.527	4.015 #
29)	L6 AR-1254-4	8.336	0.000	3264090	0	9.231	N.D. #
30)	L6 AR-1254-5	8.767	0.000	3678740	0	8.779	N.D. #
31)	L7 AR-1260-1	8.170	0.000	2748219	0	6.735	N.D. #
32)	L7 AR-1260-2	8.475	0.000	2668020	0	5.552	N.D. #
33)	L7 AR-1260-3	8.909	0.000	3609325	0	9.086	N.D. #
35)	L7 AR-1260-5	9.421	0.000	5048306	0	5.736	N.D. #
36)	L8 AR-1262-1	8.909	0.000	3609325	0	6.950	N.D. #
37)	L8 AR-1262-2	9.421	0.000	5048306	0	5.587	N.D. #
38)	L8 AR-1262-3	9.756	0.000	4188912	0	7.077	N.D. #
39)	L8 AR-1262-4	9.882	0.000	6647611	0	13.207	N.D. #
41)	L9 AR-1268-1	9.756	0.000	4188912	0	3.557	N.D. #
42)	L9 AR-1268-2	9.882	0.000	6647611	0	5.937	N.D. #
43)	L9 AR-1268-3	10.086	0.000	8586574	0	9.279	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012020\
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 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 44 Sample Multiplier: 1

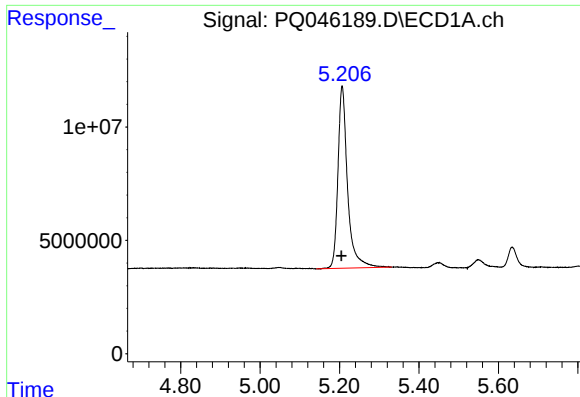
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 11:56:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012020.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	10.984	0.000	3259848	0	1.092	N.D. #

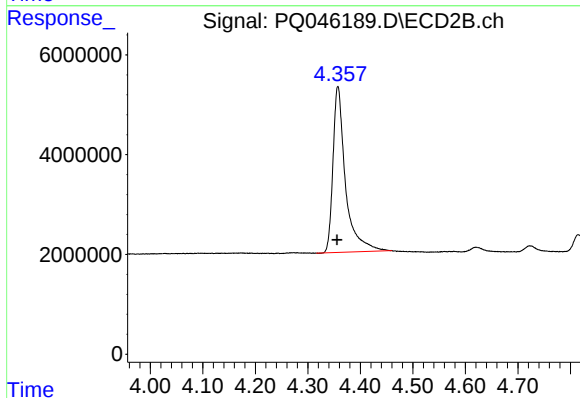
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

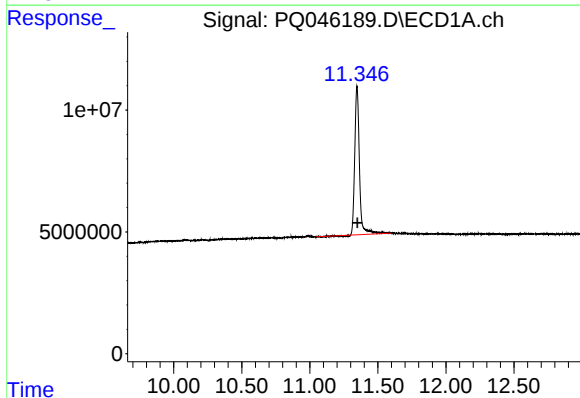
R.T.: 5.207 min
Delta R.T.: 0.002 min
Response: 135338610
Conc: 19.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



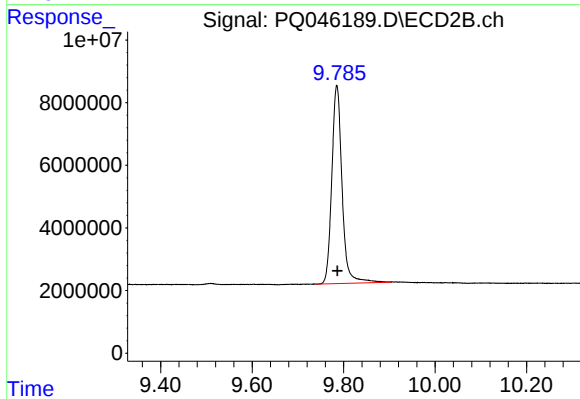
#1 Tetrachloro-m-xylene

R.T.: 4.357 min
Delta R.T.: 0.002 min
Response: 55017819
Conc: 17.54 ng/ml



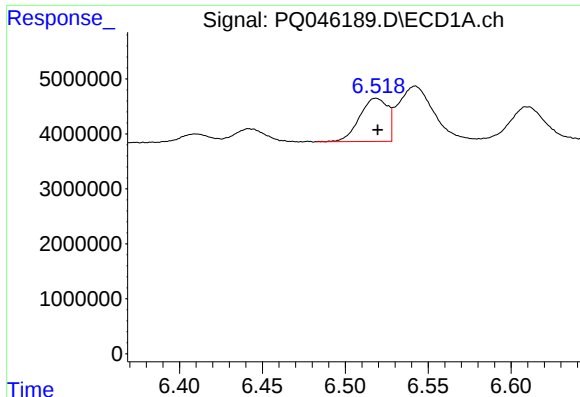
#2 Decachlorobiphenyl

R.T.: 11.346 min
Delta R.T.: -0.002 min
Response: 146372333
Conc: 17.28 ng/ml



#2 Decachlorobiphenyl

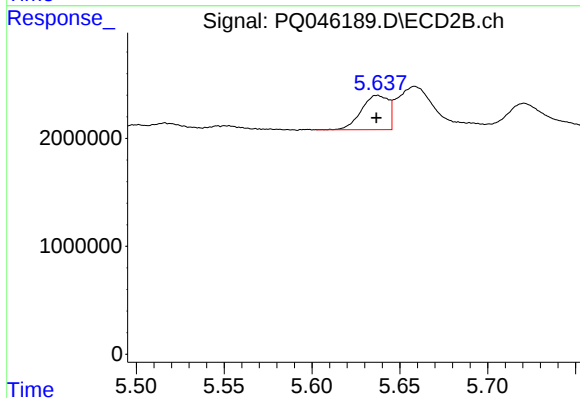
R.T.: 9.785 min
Delta R.T.: -0.001 min
Response: 98717286
Conc: 19.10 ng/ml



#3 AR-1016-1

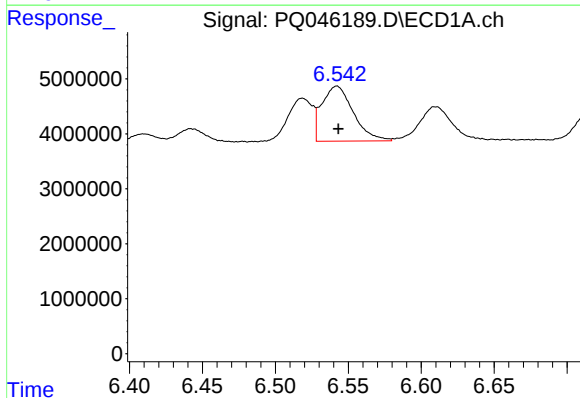
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 9253925
Conc: 35.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



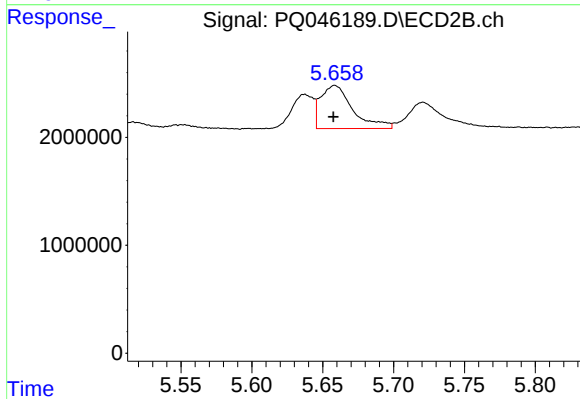
#3 AR-1016-1

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 3423679
Conc: 30.96 ng/ml



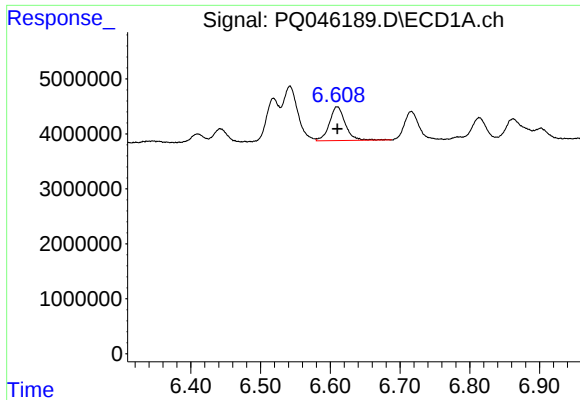
#4 AR-1016-2

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 15067936
Conc: 36.89 ng/ml



#4 AR-1016-2

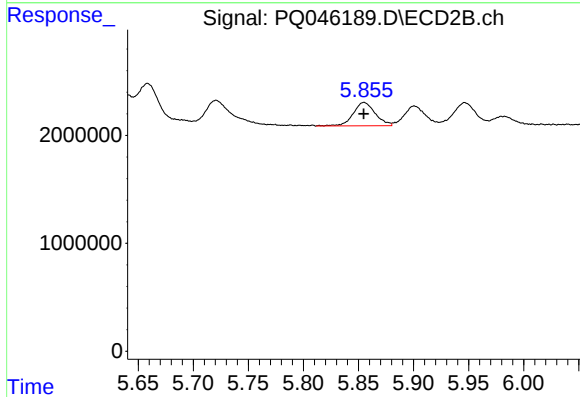
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 6289692
Conc: 33.69 ng/ml



#5 AR-1016-3

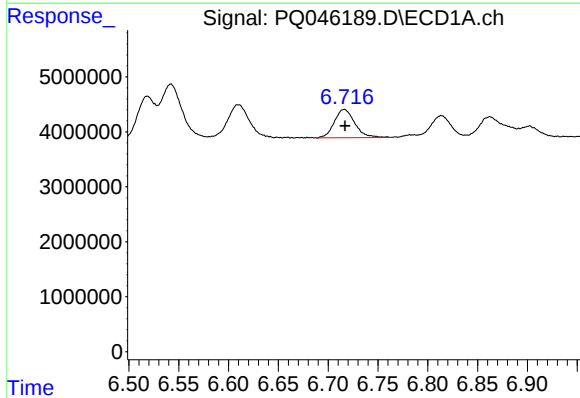
R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 9760451
Conc: 38.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



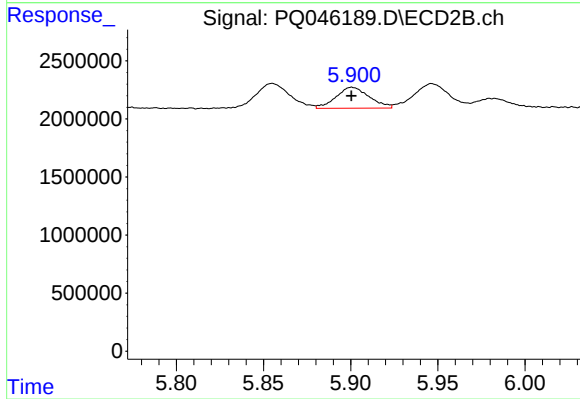
#5 AR-1016-3

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 3012587
Conc: 33.09 ng/ml



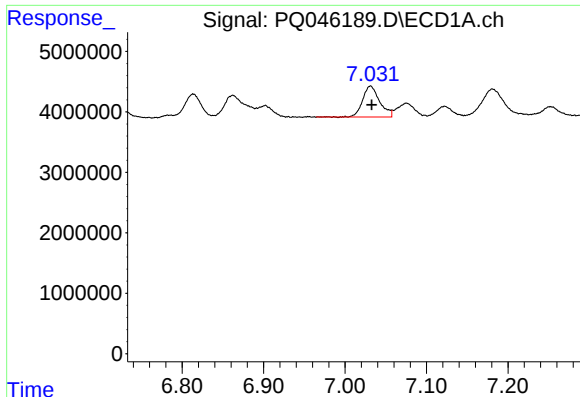
#6 AR-1016-4

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 7377856
Conc: 36.25 ng/ml



#6 AR-1016-4

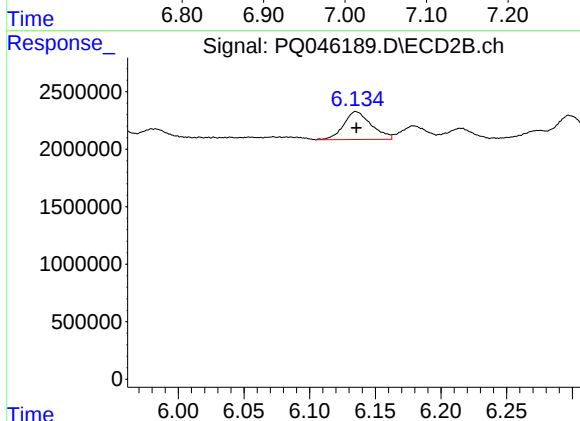
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 2411057
Conc: 29.49 ng/ml



#7 AR-1016-5

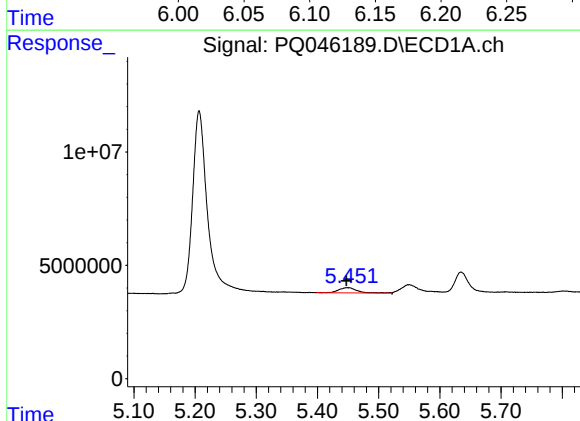
R.T.: 7.031 min
Delta R.T.: -0.001 min
Response: 7410191
Conc: 35.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



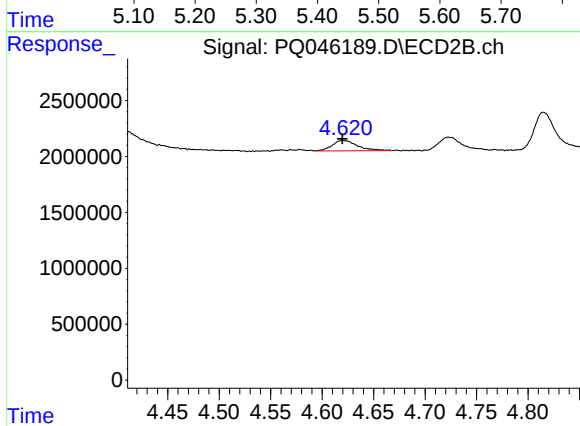
#7 AR-1016-5

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 3578380
Conc: 34.91 ng/ml



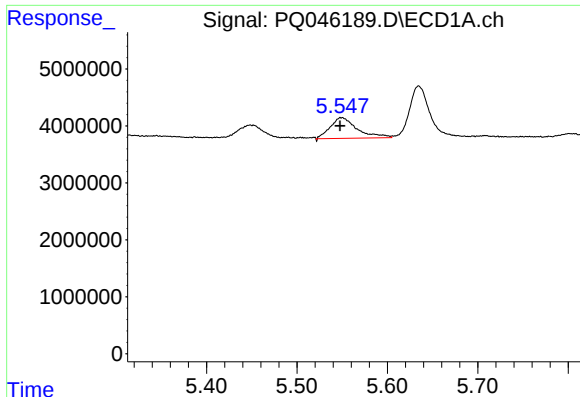
#8 AR-1221-1

R.T.: 5.449 min
Delta R.T.: 0.002 min
Response: 4654269
Conc: 55.02 ng/ml



#8 AR-1221-1

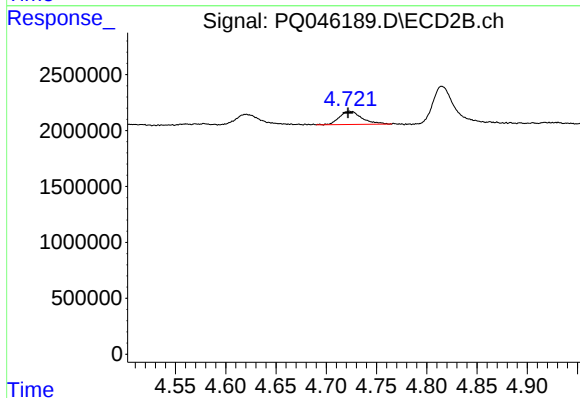
R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 1575357
Conc: 43.47 ng/ml



#9 AR-1221-2

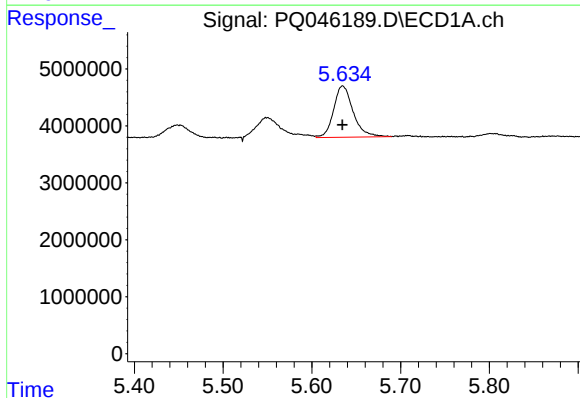
R.T.: 5.550 min
Delta R.T.: 0.002 min
Response: 7520485
Conc: 116.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



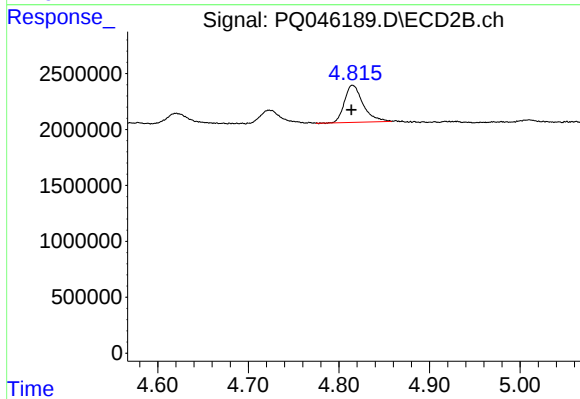
#9 AR-1221-2

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 1850399
Conc: 68.23 ng/ml



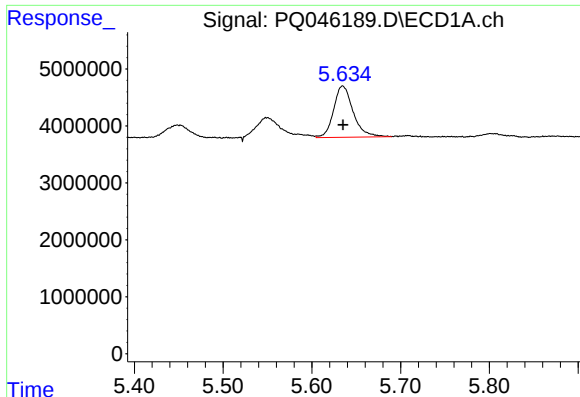
#10 AR-1221-3

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 13759995
Conc: 68.77 ng/ml



#10 AR-1221-3

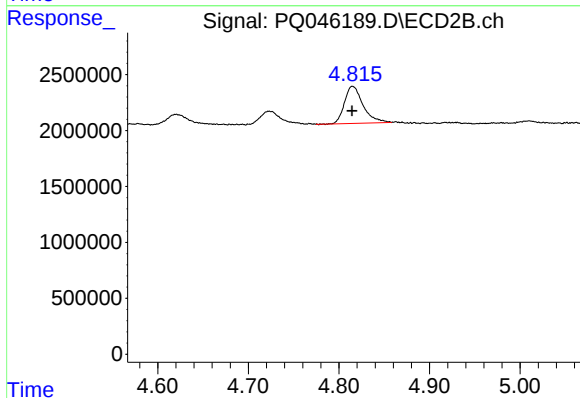
R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 4737052
Conc: 53.48 ng/ml



#11 AR-1232-1

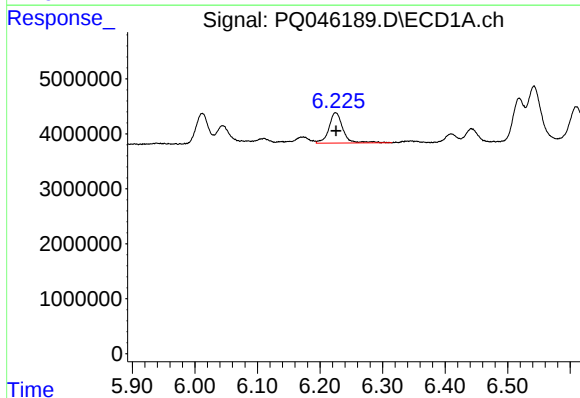
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 13759995
Conc: 95.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



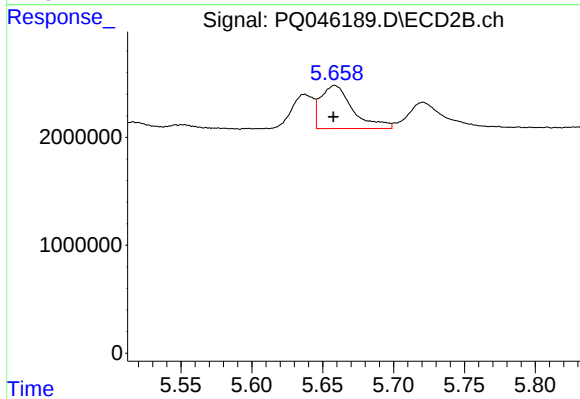
#11 AR-1232-1

R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 4737052
Conc: 76.82 ng/ml



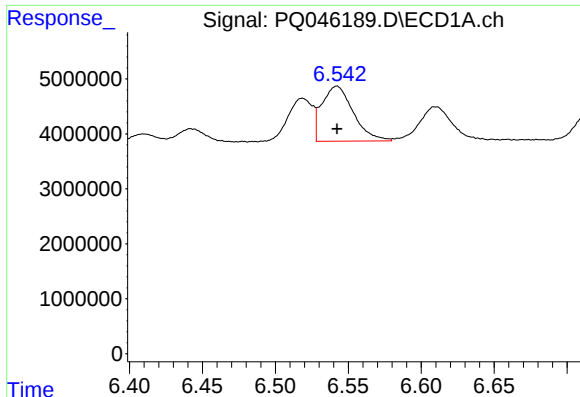
#12 AR-1232-2

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 8698749
Conc: 109.05 ng/ml



#12 AR-1232-2

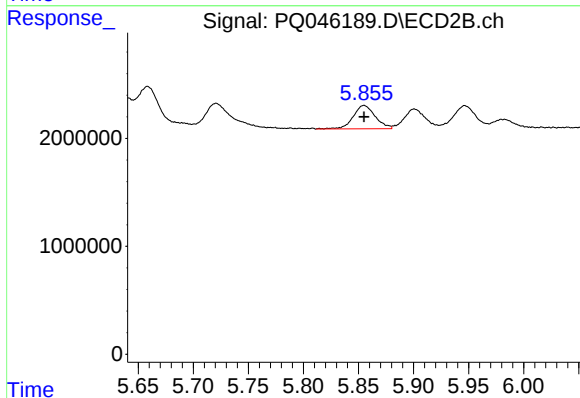
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 6289692
Conc: 86.51 ng/ml



#13 AR-1232-3

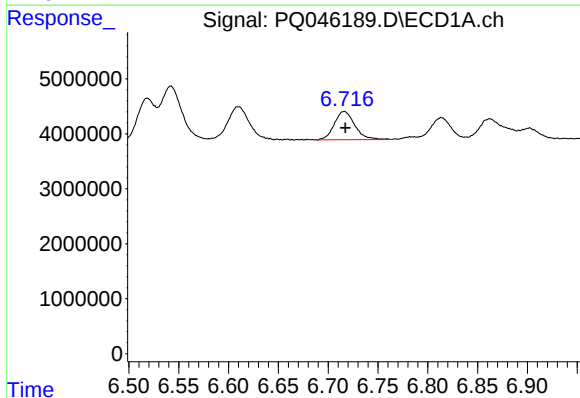
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 15067936
Conc: 95.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



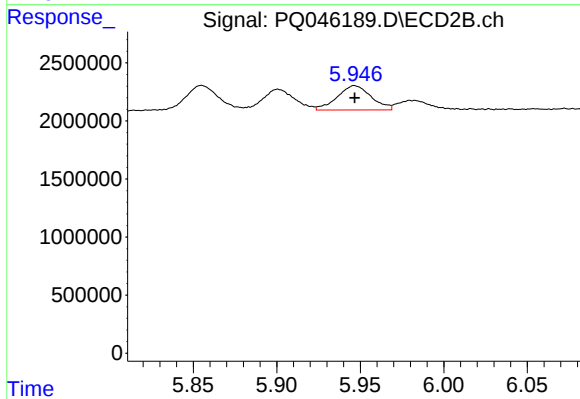
#13 AR-1232-3

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 3012587
Conc: 90.76 ng/ml



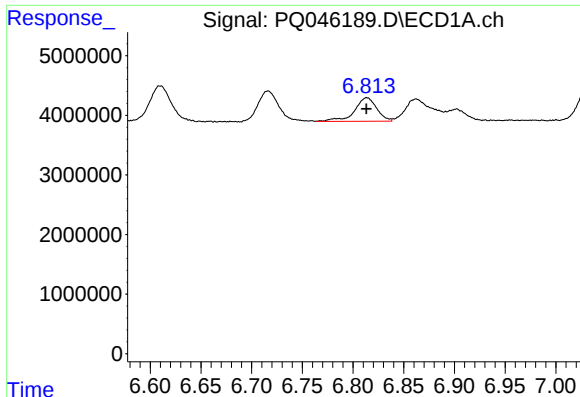
#14 AR-1232-4

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 7377856
Conc: 95.01 ng/ml



#14 AR-1232-4

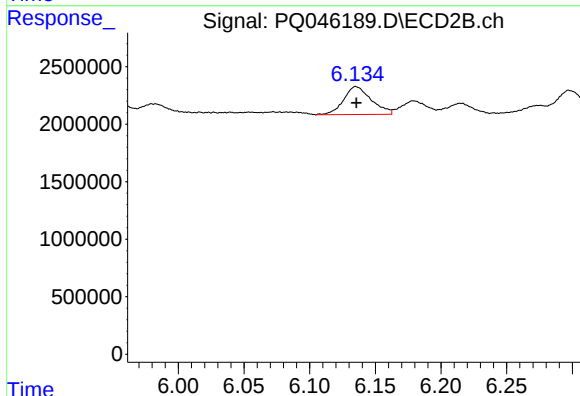
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2970689
Conc: 91.83 ng/ml



#15 AR-1232-5

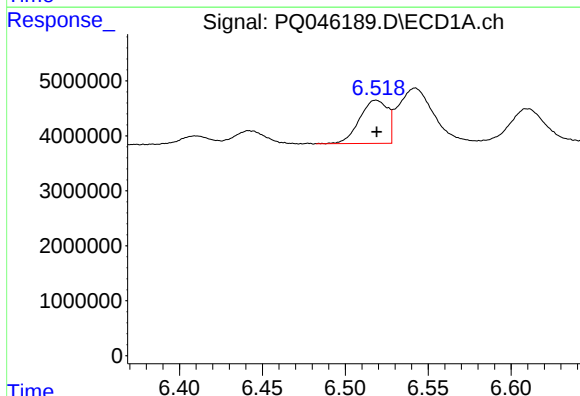
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 6005902
Conc: 95.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



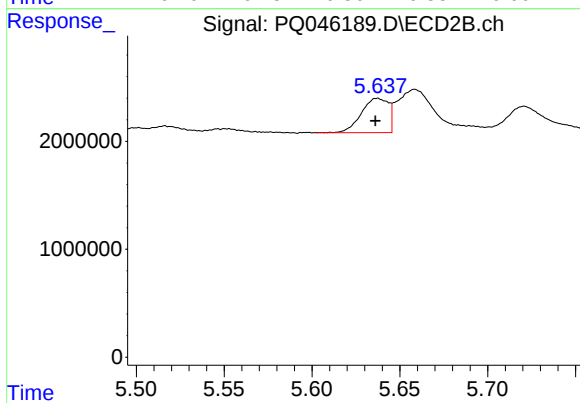
#15 AR-1232-5

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 3578380
Conc: 95.88 ng/ml



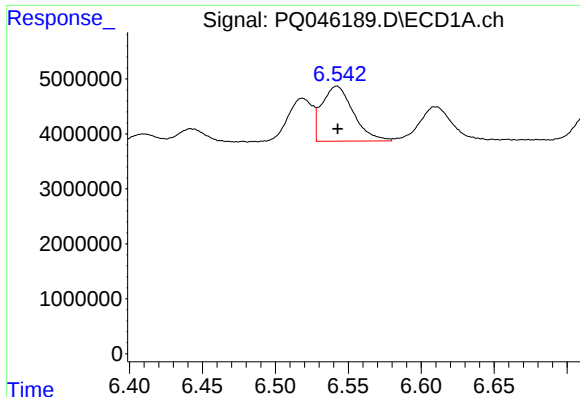
#16 AR-1242-1

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 9253925
Conc: 43.82 ng/ml



#16 AR-1242-1

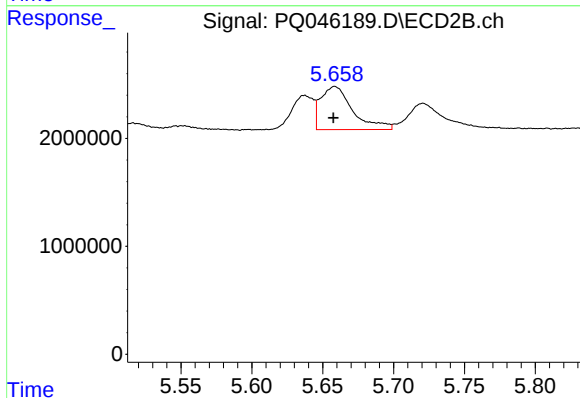
R.T.: 5.637 min
Delta R.T.: 0.001 min
Response: 3423679
Conc: 38.97 ng/ml



#17 AR-1242-2

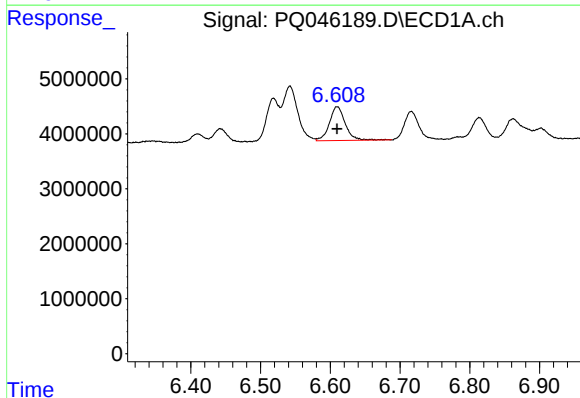
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 15067936
Conc: 46.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



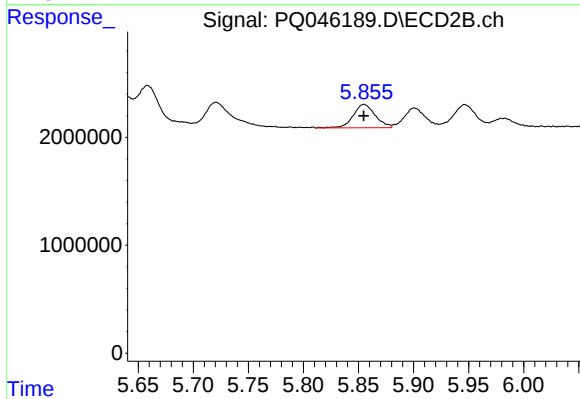
#17 AR-1242-2

R.T.: 5.658 min
Delta R.T.: 0.001 min
Response: 6289692
Conc: 44.43 ng/ml



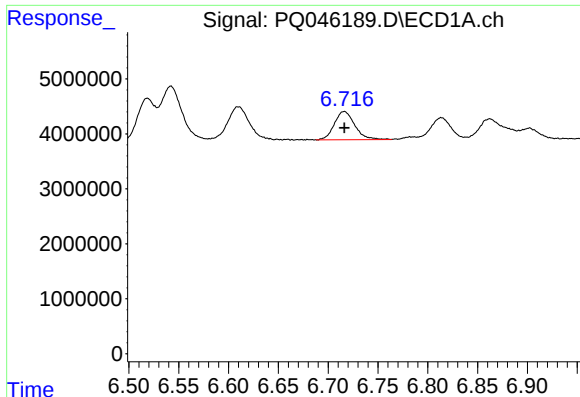
#18 AR-1242-3

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 9760451
Conc: 47.29 ng/ml



#18 AR-1242-3

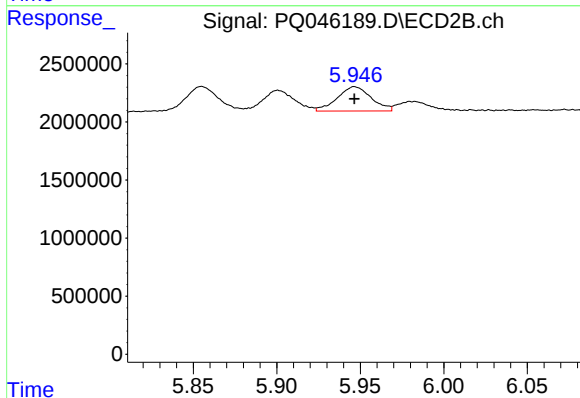
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 3012587
Conc: 42.55 ng/ml



#19 AR-1242-4

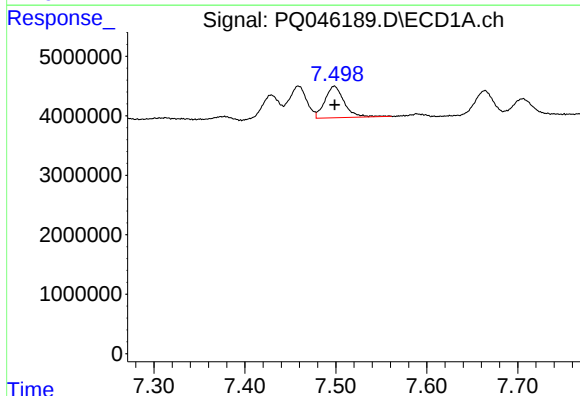
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 7377856
Conc: 44.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



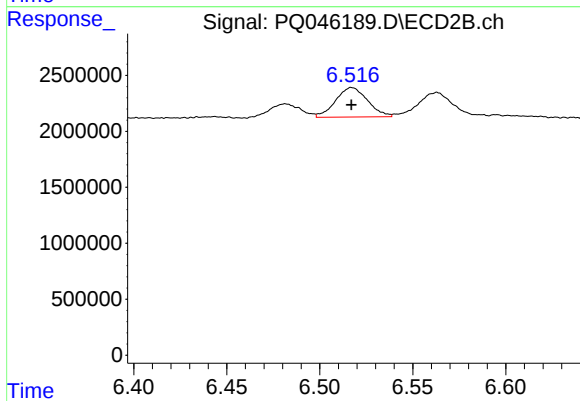
#19 AR-1242-4

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2970689
Conc: 39.70 ng/ml



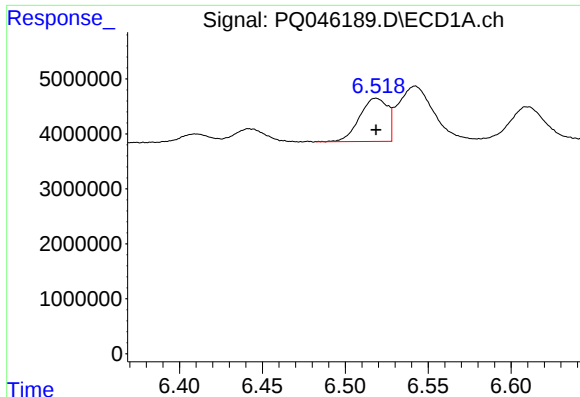
#20 AR-1242-5

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 7830277
Conc: 42.54 ng/ml



#20 AR-1242-5

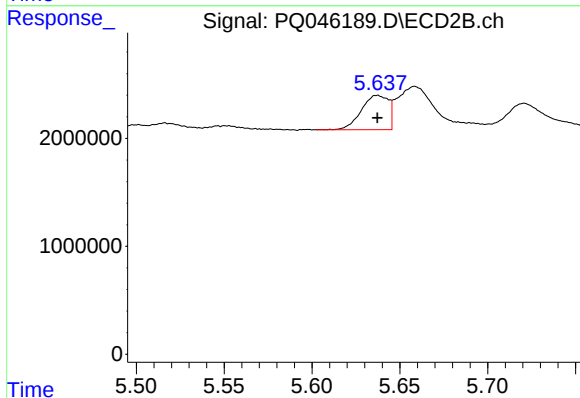
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 3162164
Conc: 31.17 ng/ml



#21 AR-1248-1

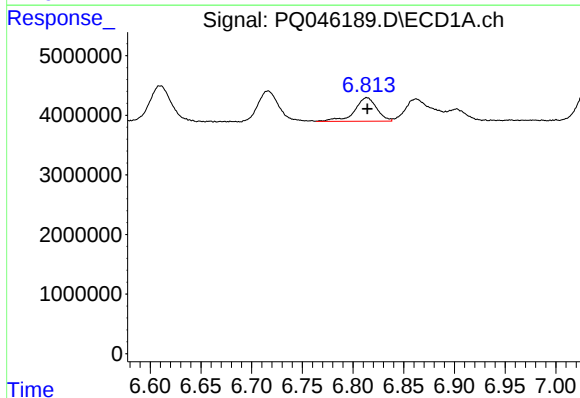
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 9253925
Conc: 64.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



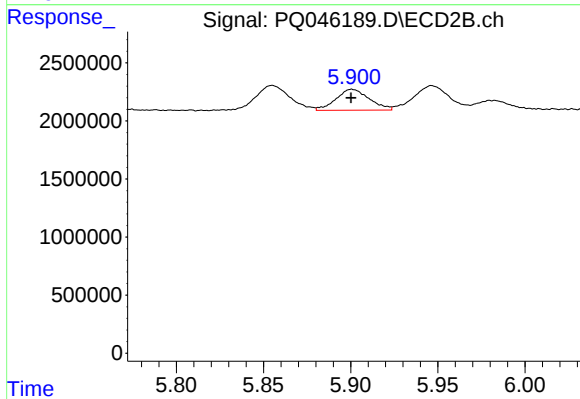
#21 AR-1248-1

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 3423679
Conc: 56.85 ng/ml



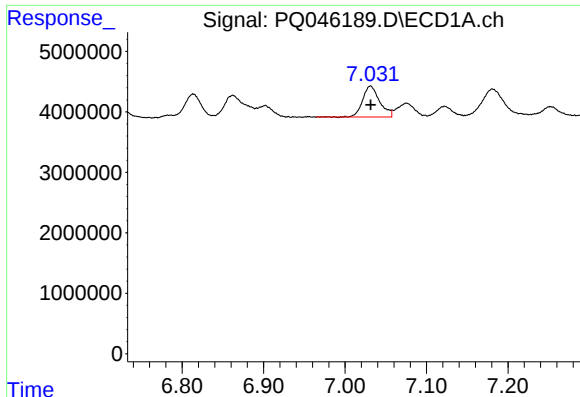
#22 AR-1248-2

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 6005902
Conc: 27.11 ng/ml



#22 AR-1248-2

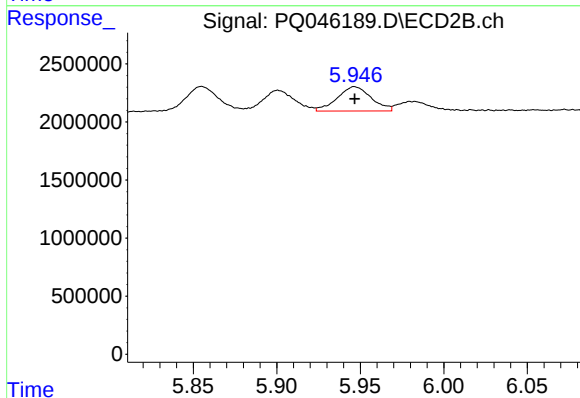
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 2411057
Conc: 25.90 ng/ml



#23 AR-1248-3

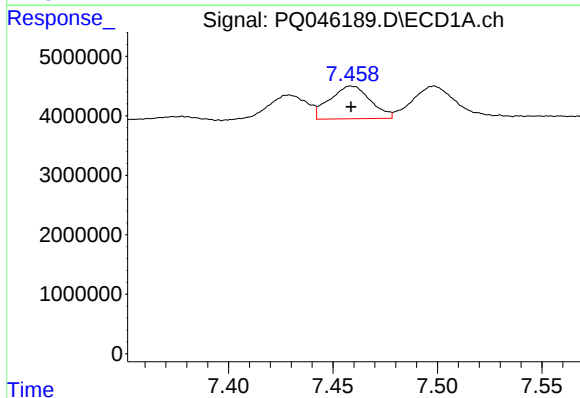
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 7410191
Conc: 29.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



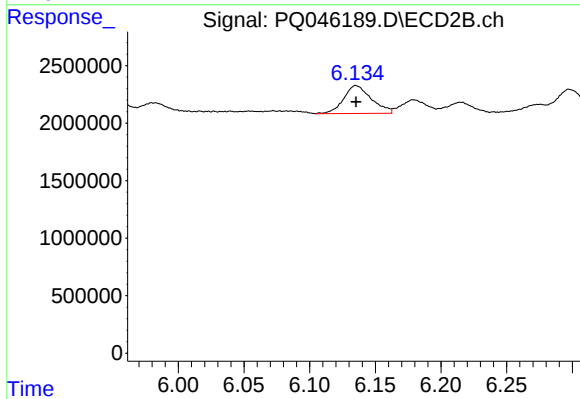
#23 AR-1248-3

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2970689
Conc: 30.51 ng/ml



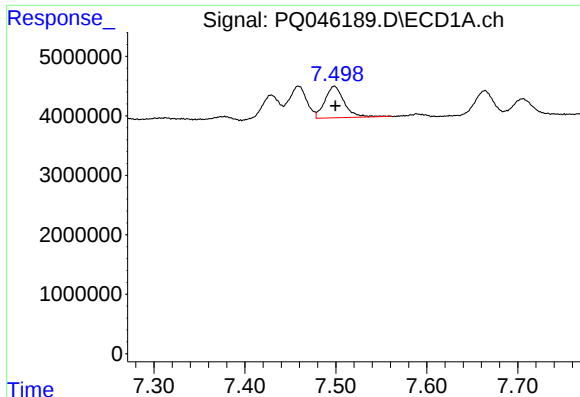
#24 AR-1248-4

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 7456744
Conc: 26.85 ng/ml



#24 AR-1248-4

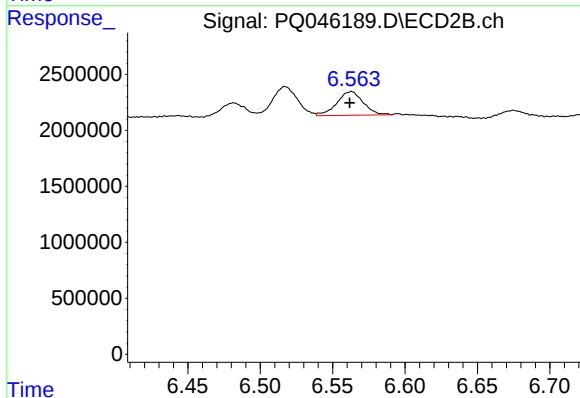
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 3578380
Conc: 29.65 ng/ml



#25 AR-1248-5

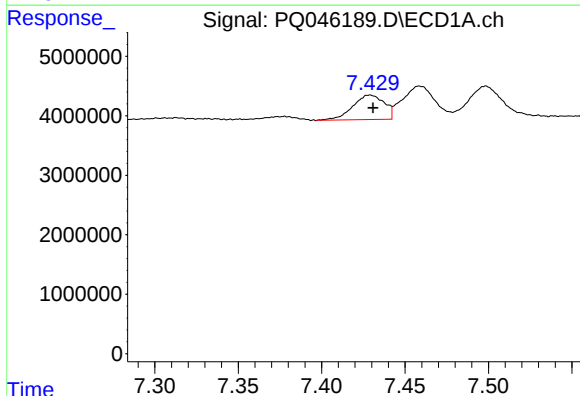
R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 7830277
Conc: 27.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



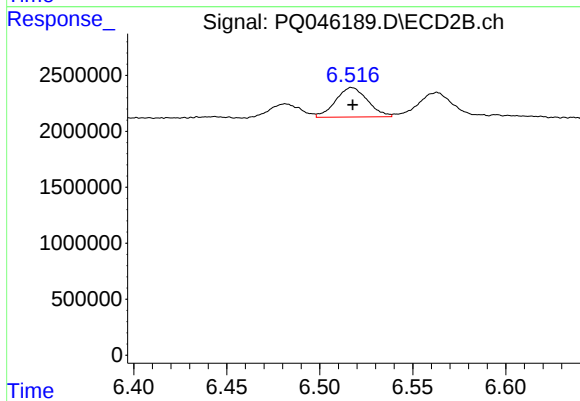
#25 AR-1248-5

R.T.: 6.563 min
Delta R.T.: 0.001 min
Response: 2701665
Conc: 23.28 ng/ml



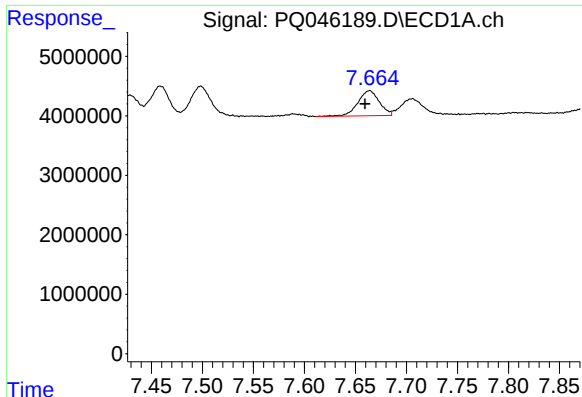
#26 AR-1254-1

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 5367416
Conc: 17.90 ng/ml



#26 AR-1254-1

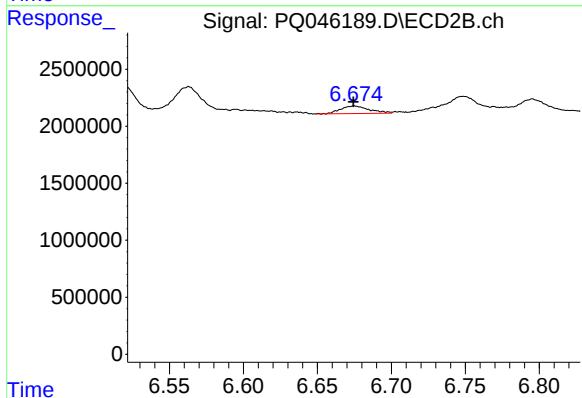
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 3162164
Conc: 16.00 ng/ml



#27 AR-1254-2

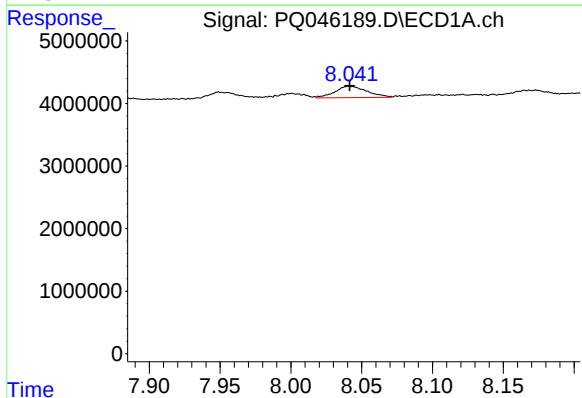
R.T.: 7.664 min
Delta R.T.: 0.004 min
Response: 6135140
Conc: 12.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



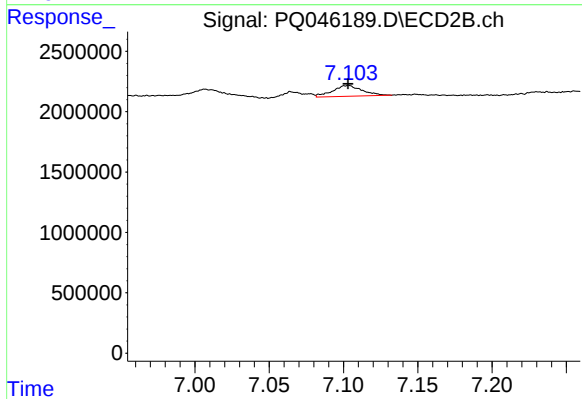
#27 AR-1254-2

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 906449
Conc: 5.16 ng/ml



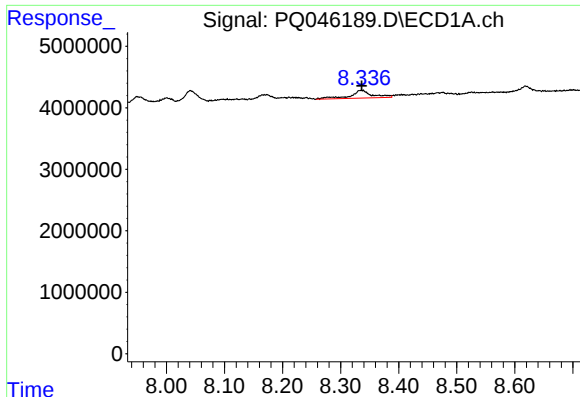
#28 AR-1254-3

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 2861531
Conc: 5.53 ng/ml



#28 AR-1254-3

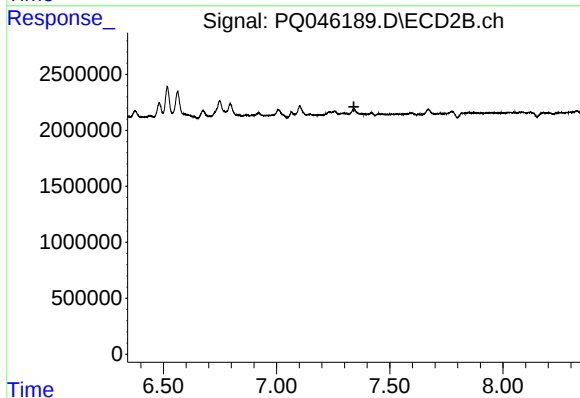
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 1244243
Conc: 4.01 ng/ml



#29 AR-1254-4

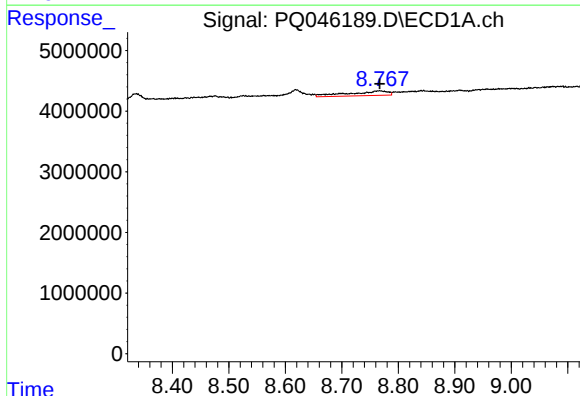
R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 3264090
Conc: 9.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



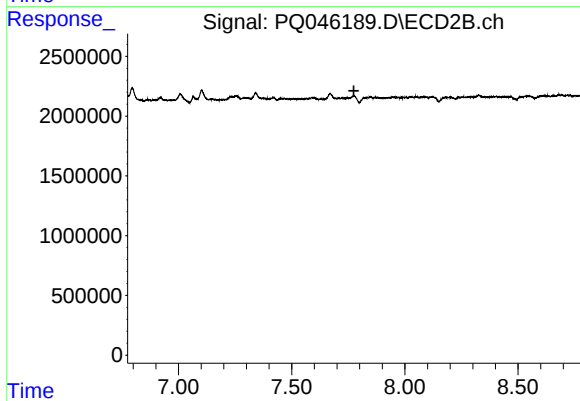
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.341 min
Response: 0
Conc: N.D.



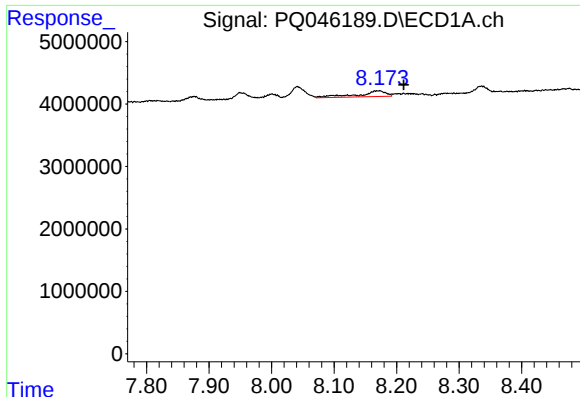
#30 AR-1254-5

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 3678740
Conc: 8.78 ng/ml



#30 AR-1254-5

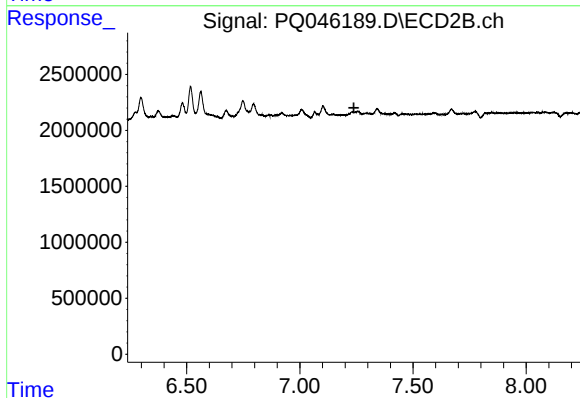
R.T.: 0.000 min
Exp R.T. : 7.775 min
Response: 0
Conc: N.D.



#31 AR-1260-1

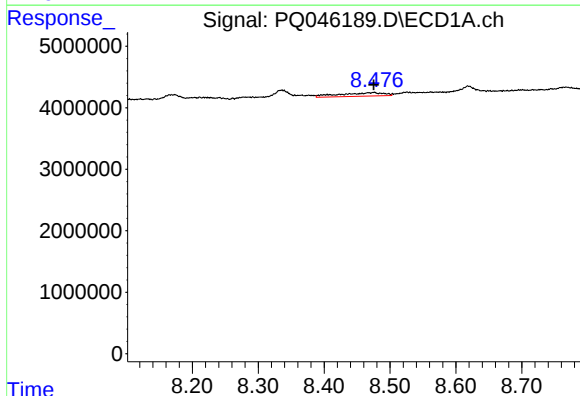
R.T.: 8.170 min
Delta R.T.: -0.041 min
Response: 2748219
Conc: 6.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



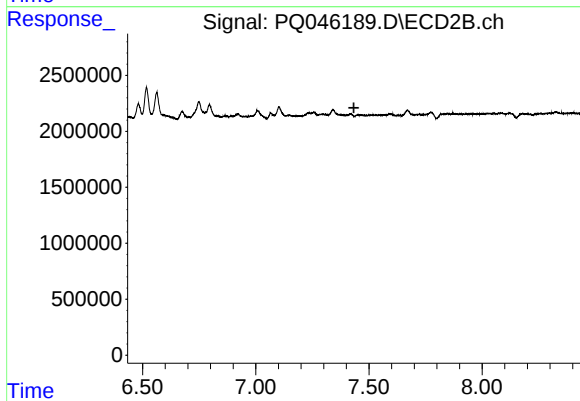
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.239 min
Response: 0
Conc: N.D.



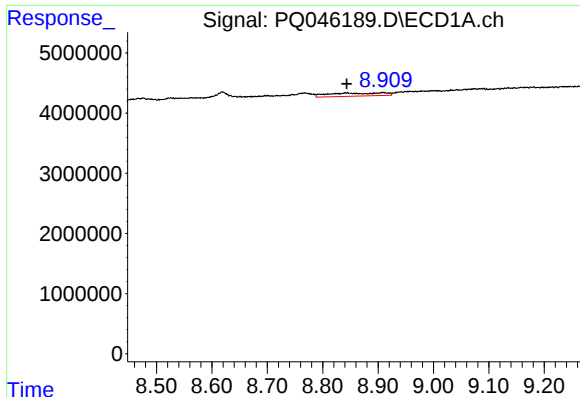
#32 AR-1260-2

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 2668020
Conc: 5.55 ng/ml



#32 AR-1260-2

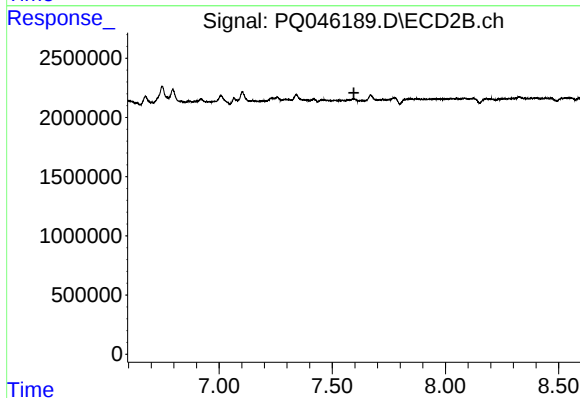
R.T.: 0.000 min
Exp R.T. : 7.433 min
Response: 0
Conc: N.D.



#33 AR-1260-3

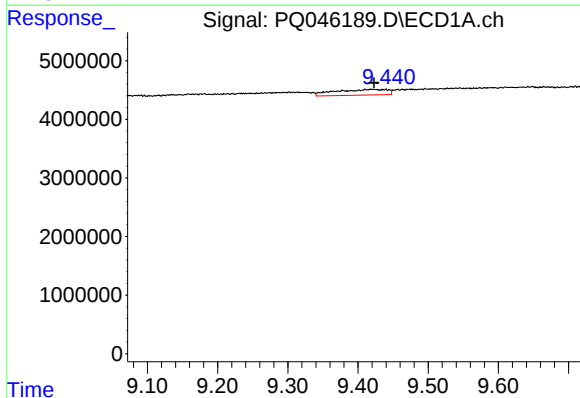
R.T.: 8.909 min
Delta R.T.: 0.066 min
Response: 3609325
Conc: 9.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



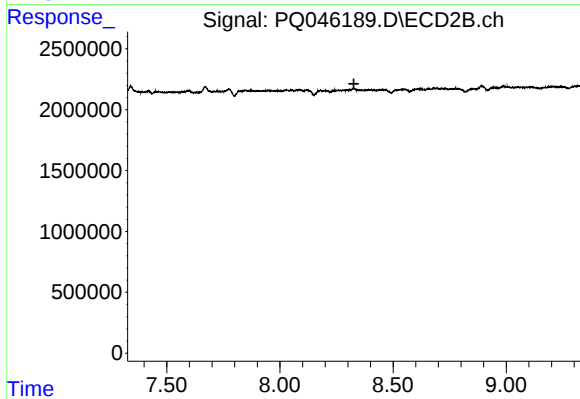
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.595 min
Response: 0
Conc: N.D.



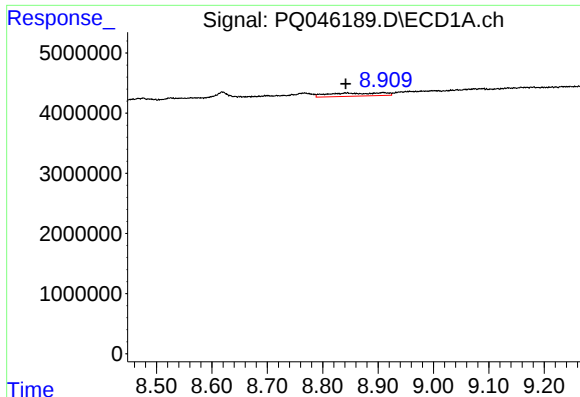
#35 AR-1260-5

R.T.: 9.421 min
Delta R.T.: -0.002 min
Response: 5048306
Conc: 5.74 ng/ml



#35 AR-1260-5

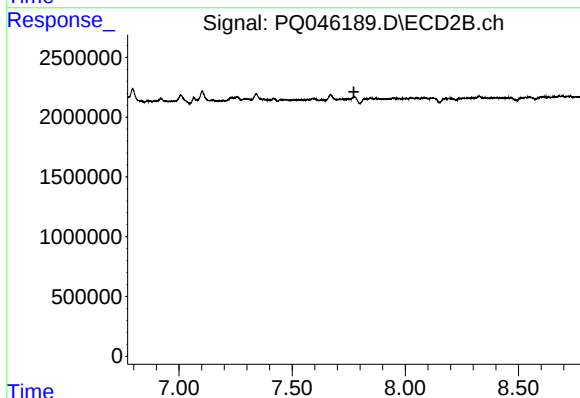
R.T.: 0.000 min
Exp R.T. : 8.327 min
Response: 0
Conc: N.D.



#36 AR-1262-1

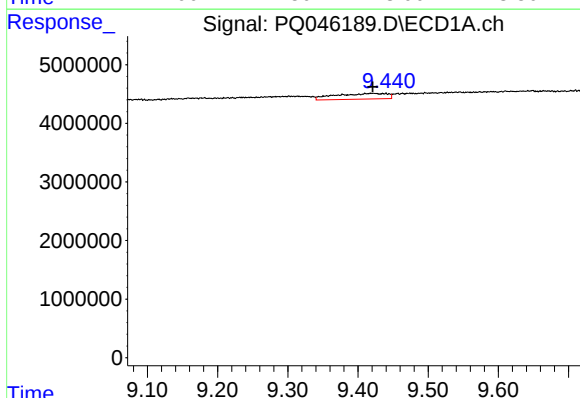
R.T.: 8.909 min
Delta R.T.: 0.067 min
Response: 3609325
Conc: 6.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



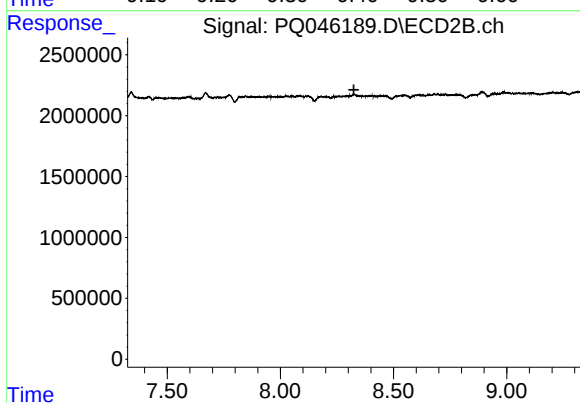
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.773 min
Response: 0
Conc: N.D.



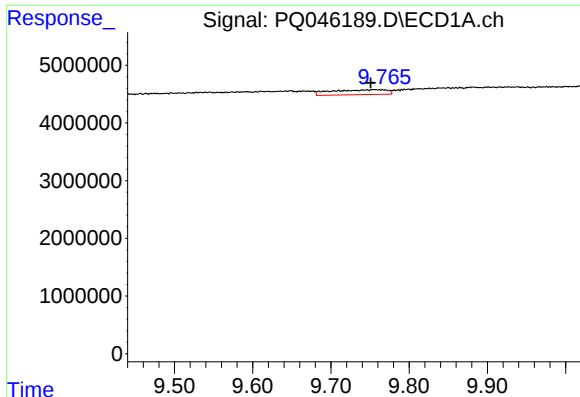
#37 AR-1262-2

R.T.: 9.421 min
Delta R.T.: 0.000 min
Response: 5048306
Conc: 5.59 ng/ml



#37 AR-1262-2

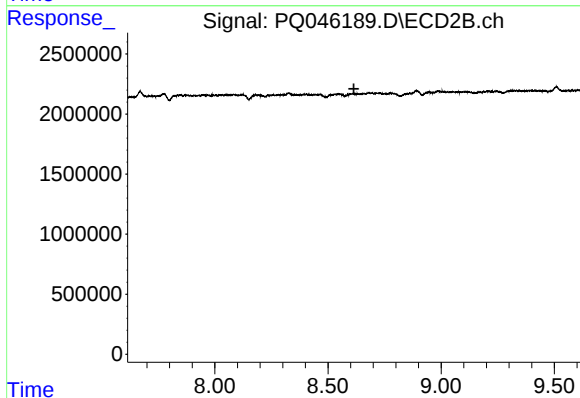
R.T.: 0.000 min
Exp R.T. : 8.325 min
Response: 0
Conc: N.D.



#38 AR-1262-3

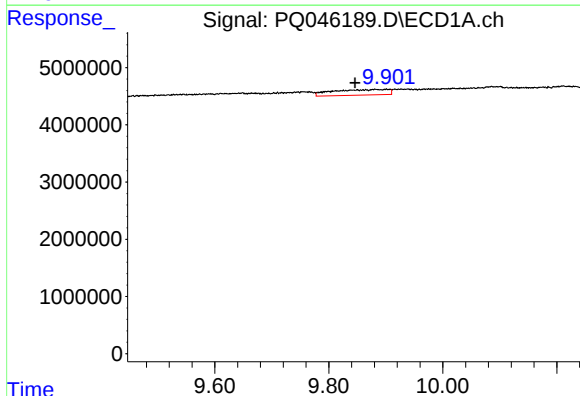
R.T.: 9.756 min
Delta R.T.: 0.005 min
Response: 4188912
Conc: 7.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



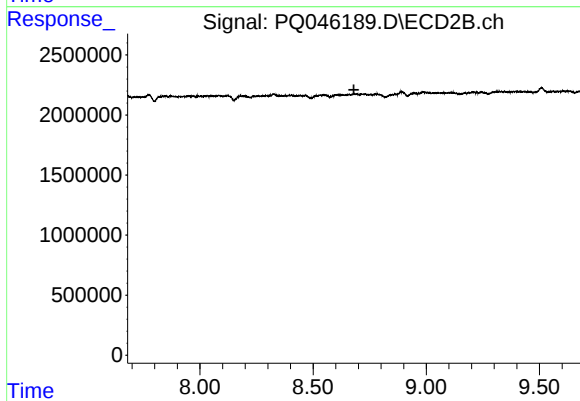
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.614 min
Response: 0
Conc: N.D.



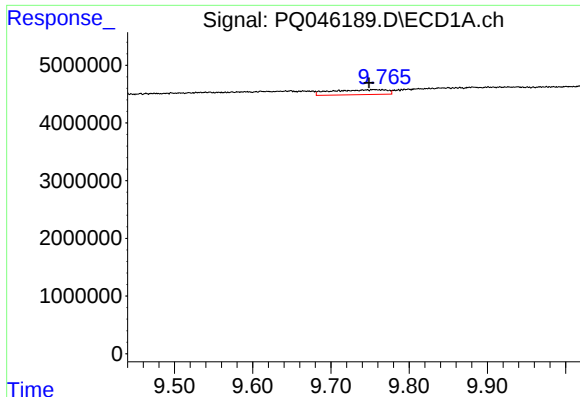
#39 AR-1262-4

R.T.: 9.882 min
Delta R.T.: 0.035 min
Response: 6647611
Conc: 13.21 ng/ml



#39 AR-1262-4

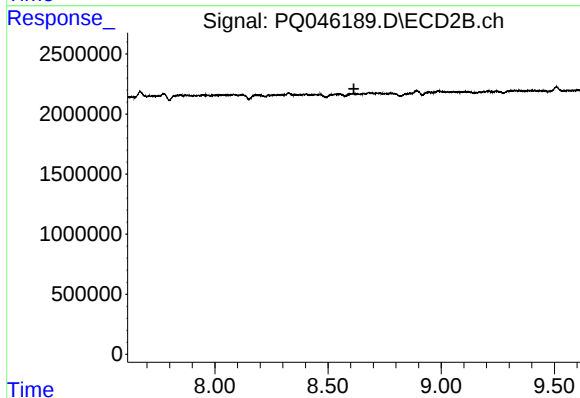
R.T.: 0.000 min
Exp R.T. : 8.680 min
Response: 0
Conc: N.D.



#41 AR-1268-1

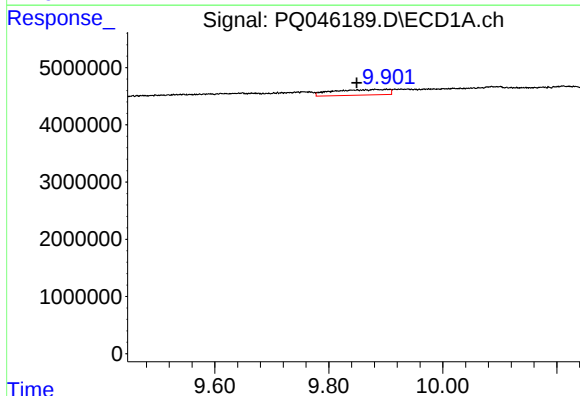
R.T.: 9.756 min
Delta R.T.: 0.007 min
Response: 4188912
Conc: 3.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



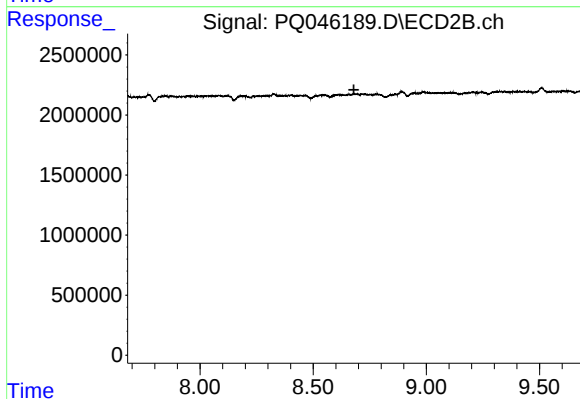
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.614 min
Response: 0
Conc: N.D.



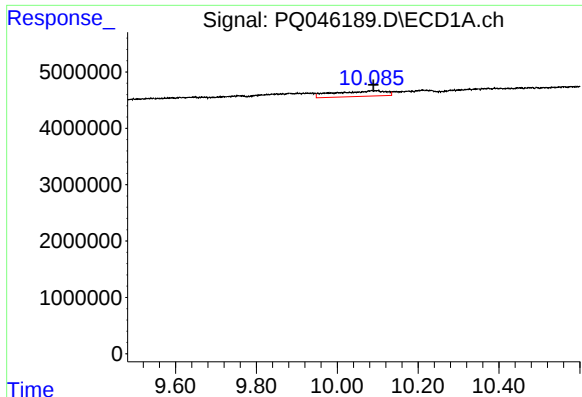
#42 AR-1268-2

R.T.: 9.882 min
Delta R.T.: 0.033 min
Response: 6647611
Conc: 5.94 ng/ml



#42 AR-1268-2

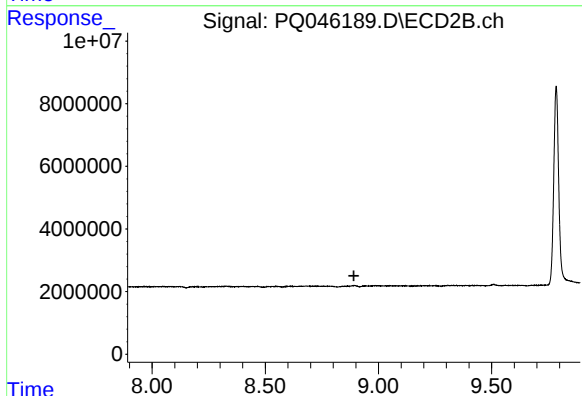
R.T.: 0.000 min
Exp R.T. : 8.680 min
Response: 0
Conc: N.D.



#43 AR-1268-3

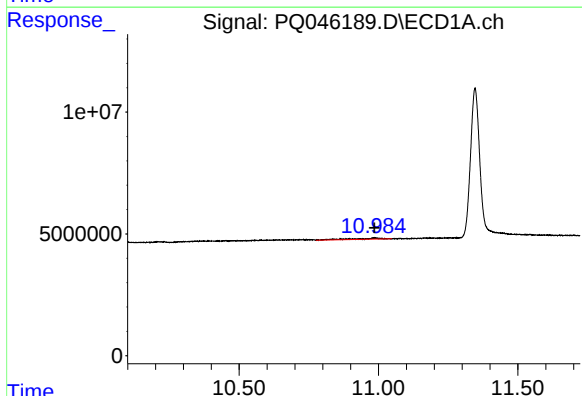
R.T.: 10.086 min
Delta R.T.: -0.004 min
Response: 8586574
Conc: 9.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



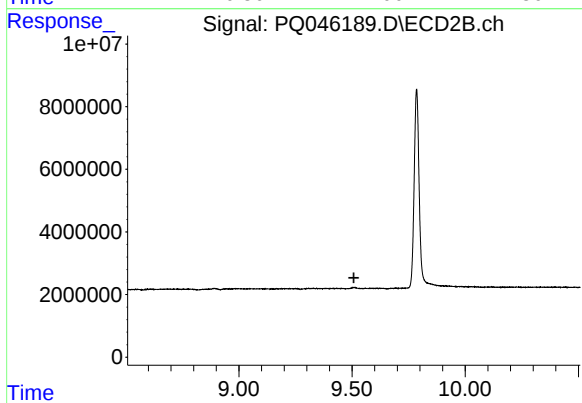
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.892 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.984 min
Delta R.T.: -0.002 min
Response: 3259848
Conc: 1.09 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.508 min
Response: 0
Conc: N.D.