

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122619\
 Data File : PQ045940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2019 19:39
 Operator : SM\AJ
 Sample : K6431-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 SB-5-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 03:55:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 27 03:51:29 2019
 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...	5.224	4.359	58832156	32479336	29.549	26.552
2)	SA Decachlor...	11.381	9.793	96404109	61877734	23.404	24.633
Target Compounds							
3)	L1 AR-1016-1	6.499	0.000	334737	0	4.643	N.D. #
4)	L1 AR-1016-2	6.499	0.000	334737	0	3.005	N.D. #
5)	L1 AR-1016-3	0.000	5.904	0	2353465	N.D.	72.432 #
6)	L1 AR-1016-4	0.000	5.904	0	2353465	N.D.	88.141 #
7)	L1 AR-1016-5	7.010	6.088	707825	2480001	12.409	62.959 #
8)	L2 AR-1221-1	0.000	4.555	0	1874515	N.D.	132.756 #
9)	L2 AR-1221-2	5.606	0.000	2261570	0	151.929	N.D. #
10)	L2 AR-1221-3	5.700	4.883	1702128	2840287	41.043	105.957 #
11)	L3 AR-1232-1	5.700	4.883	1702128	2840287	18.972	50.828 #
13)	L3 AR-1232-3	6.499	5.904	334737	2353465	3.631	87.748 #
14)	L3 AR-1232-4	0.000	5.904	0	2353465	N.D.	88.446 #
15)	L3 AR-1232-5	6.834	6.088	3849525	2480001	113.742	82.019 #
16)	L4 AR-1242-1	6.499	0.000	334737	0	5.906	N.D. #
17)	L4 AR-1242-2	6.499	0.000	334737	0	3.777	N.D. #
18)	L4 AR-1242-3	0.000	5.904	0	2353465	N.D.	87.893 #
19)	L4 AR-1242-4	0.000	5.904	0	2353465	N.D.	80.054 #
20)	L4 AR-1242-5	7.521	6.522	3847850	10005887	74.944	257.471 #
21)	L5 AR-1248-1	6.499	0.000	334737	0	6.837	N.D. #
22)	L5 AR-1248-2	6.834	5.904	3849525	2353465	51.881	52.686
23)	L5 AR-1248-3	7.010	5.904	707825	2353465	8.502	49.078 #
24)	L5 AR-1248-4	7.488	6.088	8849639	2480001	89.117	41.104 #
25)	L5 AR-1248-5	7.521	6.522	3847850	10005887	38.042	167.423 #
26)	L6 AR-1254-1	7.449	6.522	12778592	10005887	127.738	104.442
27)	L6 AR-1254-2	7.679	6.678	18422197	10257550	110.175	119.859
28)	L6 AR-1254-3	8.063	7.108	22180153	22416294	113.877	151.525 #
29)	L6 AR-1254-4	8.357	7.345	14043919	10737424	97.689	117.021
30)	L6 AR-1254-5	8.788	7.779	27446100	15540246	160.282	113.300 #
31)	L7 AR-1260-1	8.230	7.243	10338752	9825013	82.833	113.685 #
32)	L7 AR-1260-2	8.490	7.438	35126458	10776731	227.084	100.327 #
33)	L7 AR-1260-3	8.858	7.599	4314800	8393220	33.383	84.254 #
34)	L7 AR-1260-4	9.094	8.085	9648966	2134821	59.241	22.943 #
35)	L7 AR-1260-5	9.444	8.330	6692615	3984436	19.844	16.635
36)	L8 AR-1262-1	8.858	7.779	4314800	15540246	19.581	198.312 #
37)	L8 AR-1262-2	9.444	8.330	6692615	3984436	15.906	12.303
38)	L8 AR-1262-3	9.778	8.621	5517817	1557059	18.607	12.441 #
39)	L8 AR-1262-4	9.876	8.687	3519636	4081773	15.104	16.237
40)	L8 AR-1262-5	10.580	9.203	1292743	2052722	7.012	17.317 #
41)	L9 AR-1268-1	9.778	8.621	5517817	1557059	11.026	4.259 #
42)	L9 AR-1268-2	9.876	8.687	3519636	4081773	7.439	11.563 #

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 Acq On : 26 Dec 2019 19:39
 Operator : SM\AJ
 Sample : K6431-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

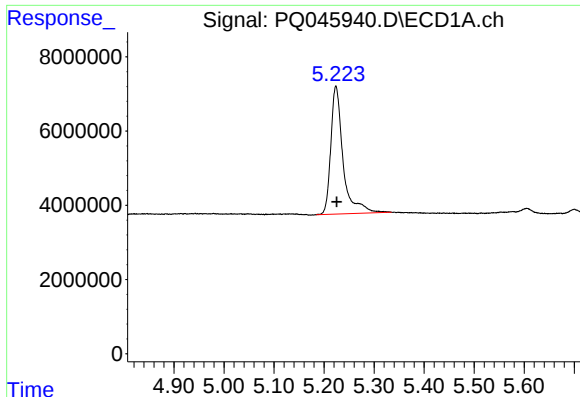
Instrument :
 ECD_Q
 ClientSampleId :
 SB-5-(0-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 03:55:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122619.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
43) L9	AR-1268-3	10.120	8.900	6180516	4968746	14.905	17.505
44) L9	AR-1268-4	10.580	9.203	1292743	2052722	6.672	16.054 #
45) L9	AR-1268-5	11.019	9.516	20162392	12749347	12.532	11.884

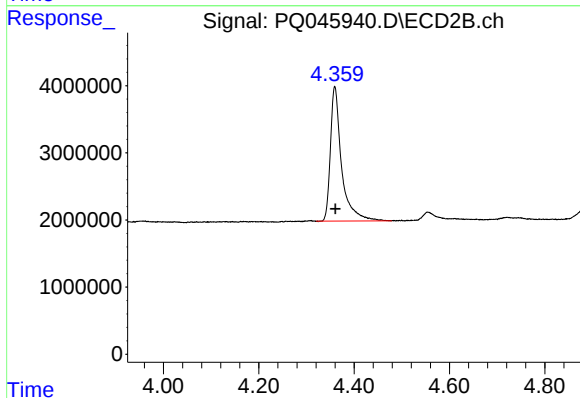
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

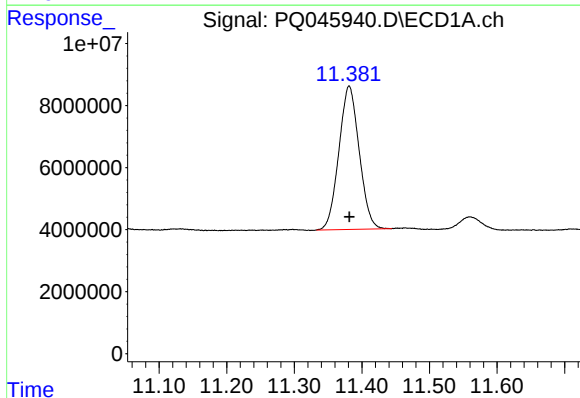
R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 58832156
Conc: 29.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



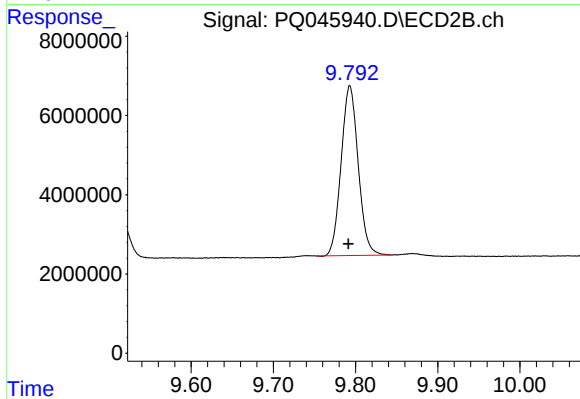
#1 Tetrachloro-m-xylene

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 32479336
Conc: 26.55 ng/ml



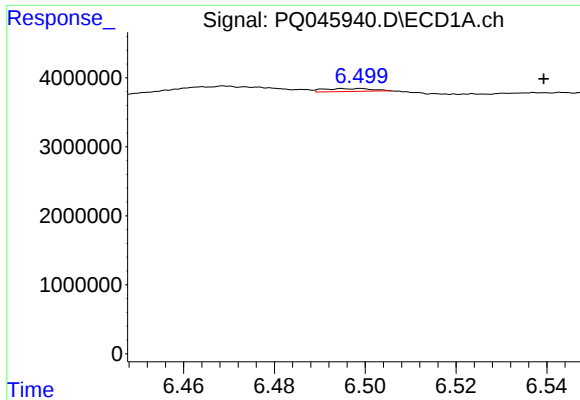
#2 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 96404109
Conc: 23.40 ng/ml



#2 Decachlorobiphenyl

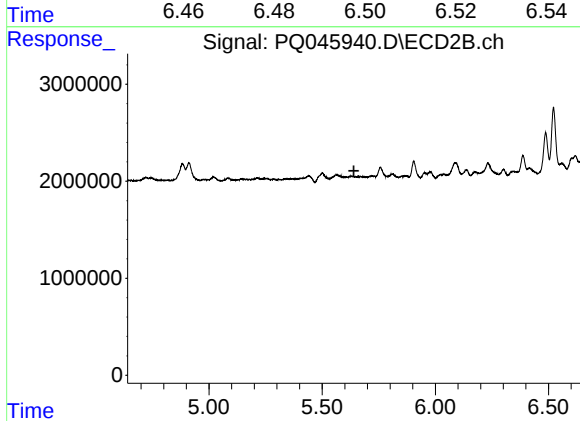
R.T.: 9.793 min
Delta R.T.: 0.002 min
Response: 61877734
Conc: 24.63 ng/ml



#3 AR-1016-1

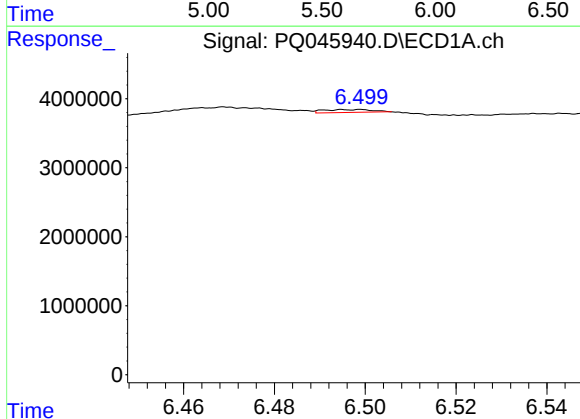
R.T.: 6.499 min
Delta R.T.: -0.041 min
Response: 334737
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



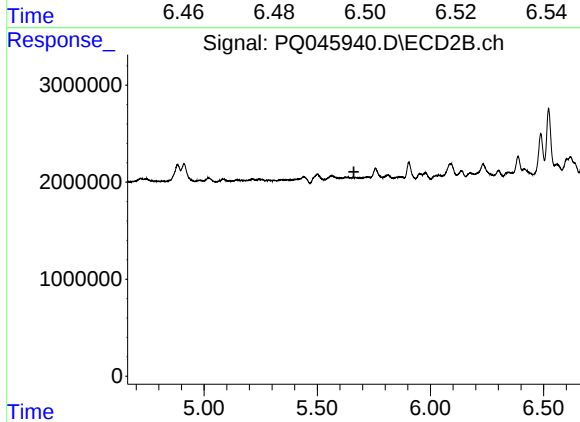
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.640 min
Response: 0
Conc: N.D.



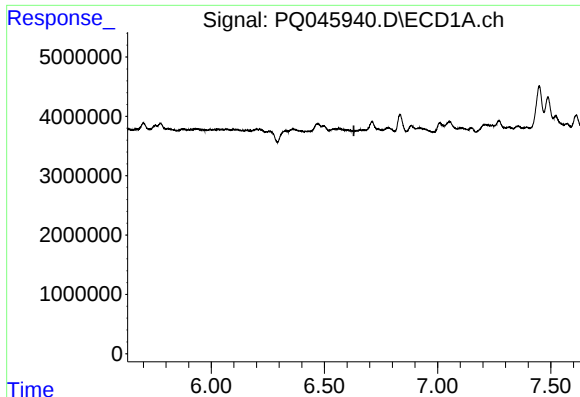
#4 AR-1016-2

R.T.: 6.499 min
Delta R.T.: -0.064 min
Response: 334737
Conc: 3.00 ng/ml



#4 AR-1016-2

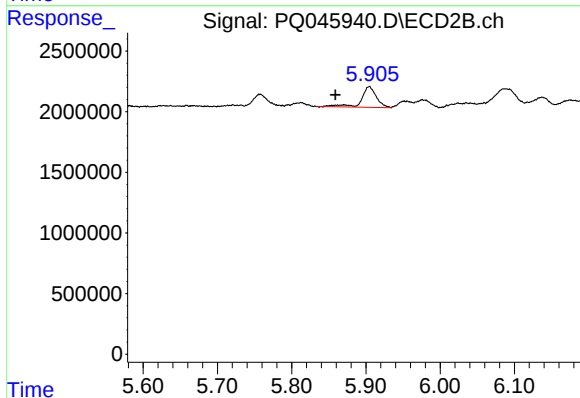
R.T.: 0.000 min
Exp R.T. : 5.662 min
Response: 0
Conc: N.D.



#5 AR-1016-3

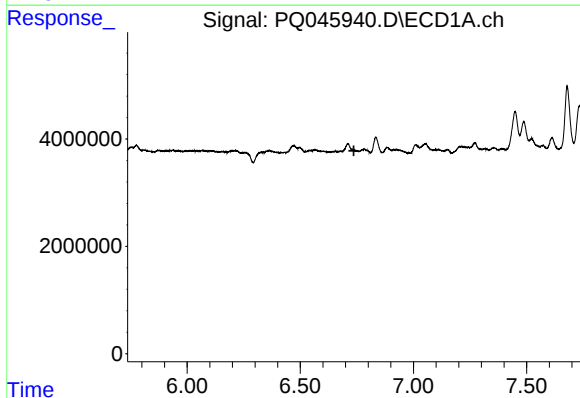
R.T.: 0.000 min
Exp R.T.: 6.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



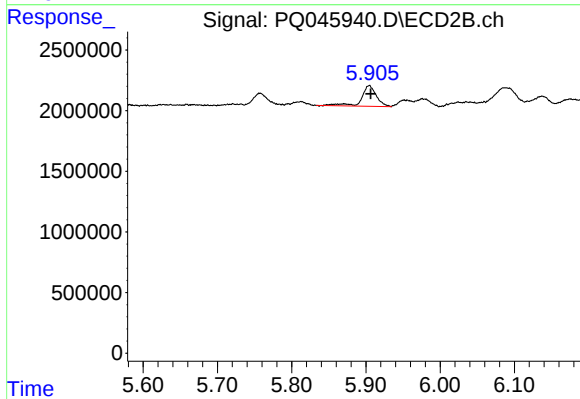
#5 AR-1016-3

R.T.: 5.904 min
Delta R.T.: 0.045 min
Response: 2353465
Conc: 72.43 ng/ml



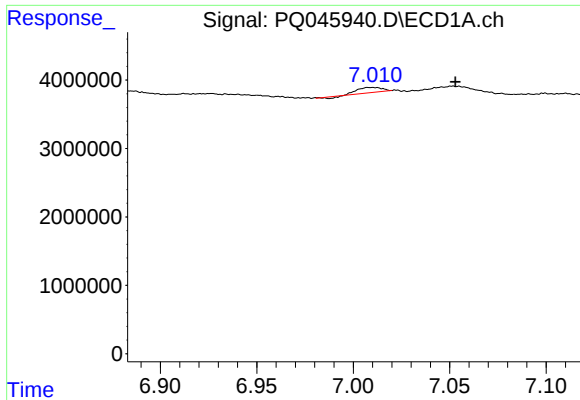
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.737 min
Response: 0
Conc: N.D.



#6 AR-1016-4

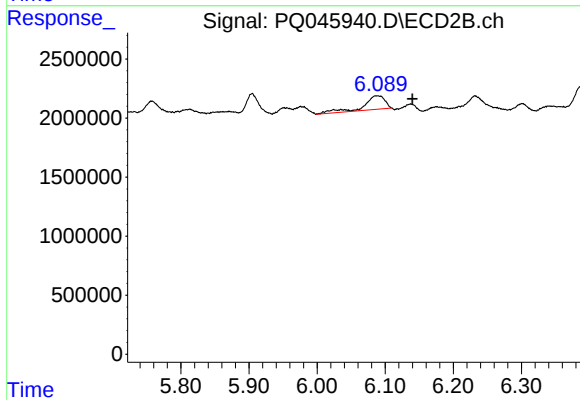
R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 2353465
Conc: 88.14 ng/ml



#7 AR-1016-5

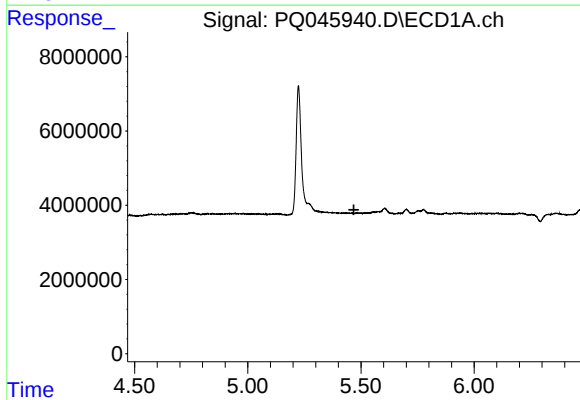
R.T.: 7.010 min
Delta R.T.: -0.043 min
Response: 707825
Conc: 12.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



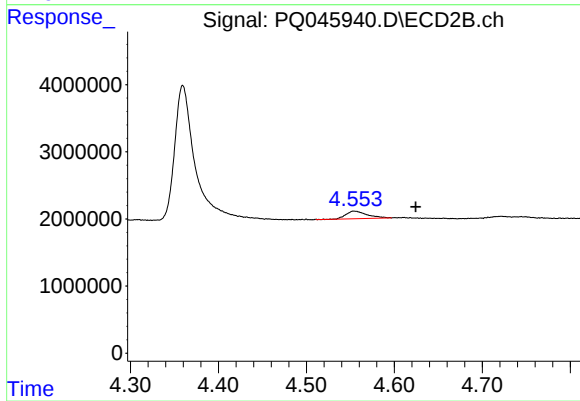
#7 AR-1016-5

R.T.: 6.088 min
Delta R.T.: -0.052 min
Response: 2480001
Conc: 62.96 ng/ml



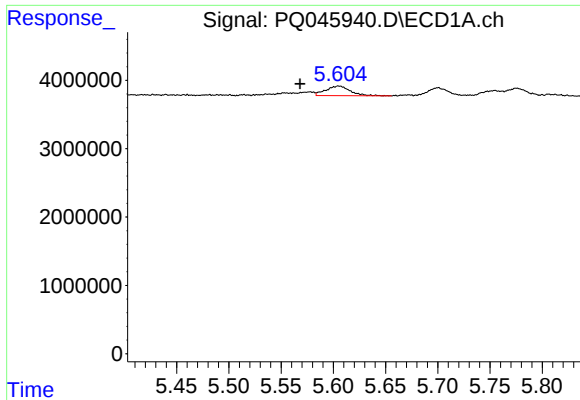
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.469 min
Response: 0
Conc: N.D.



#8 AR-1221-1

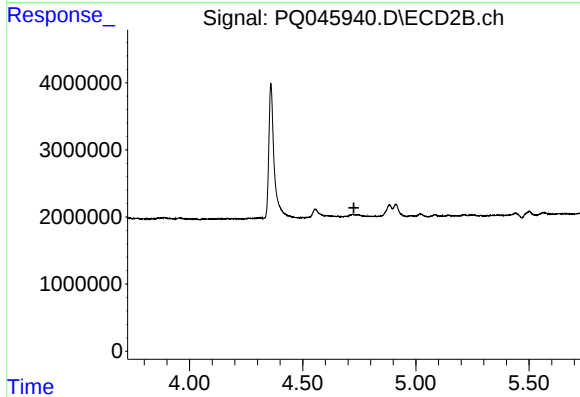
R.T.: 4.555 min
Delta R.T.: -0.070 min
Response: 1874515
Conc: 132.76 ng/ml



#9 AR-1221-2

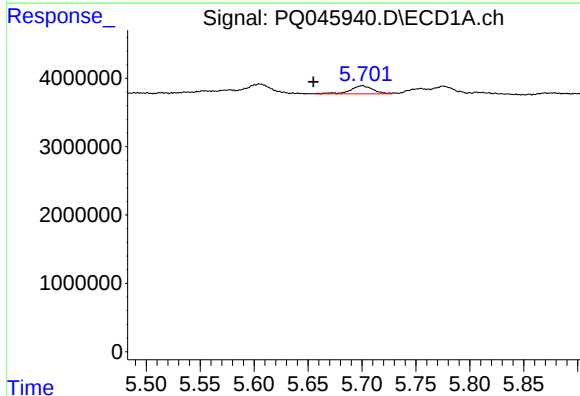
R.T.: 5.606 min
Delta R.T.: 0.037 min
Response: 2261570
Conc: 151.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



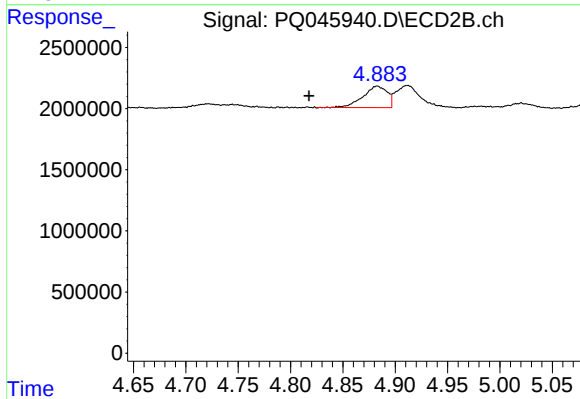
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



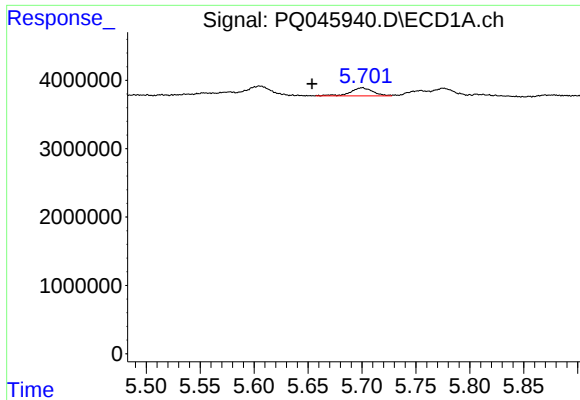
#10 AR-1221-3

R.T.: 5.700 min
Delta R.T.: 0.045 min
Response: 1702128
Conc: 41.04 ng/ml



#10 AR-1221-3

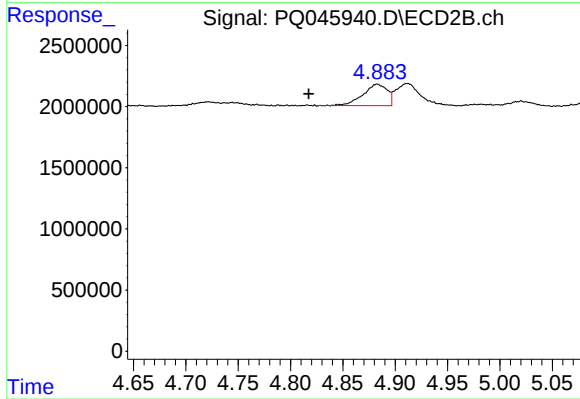
R.T.: 4.883 min
Delta R.T.: 0.065 min
Response: 2840287
Conc: 105.96 ng/ml



#11 AR-1232-1

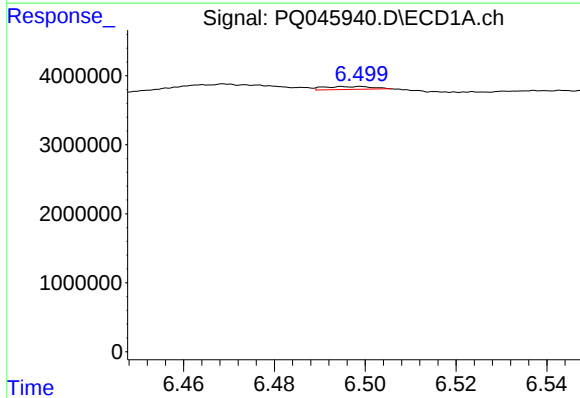
R.T.: 5.700 min
Delta R.T.: 0.046 min
Response: 1702128
Conc: 18.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



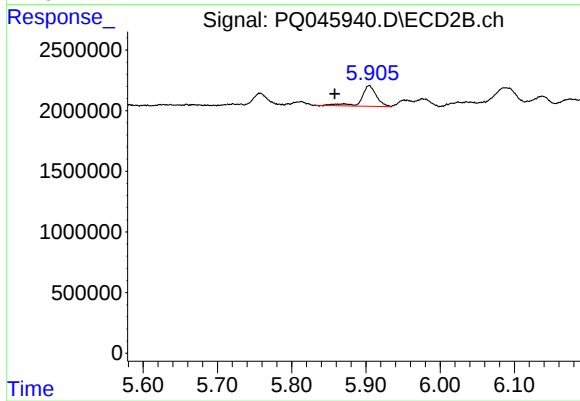
#11 AR-1232-1

R.T.: 4.883 min
Delta R.T.: 0.065 min
Response: 2840287
Conc: 50.83 ng/ml



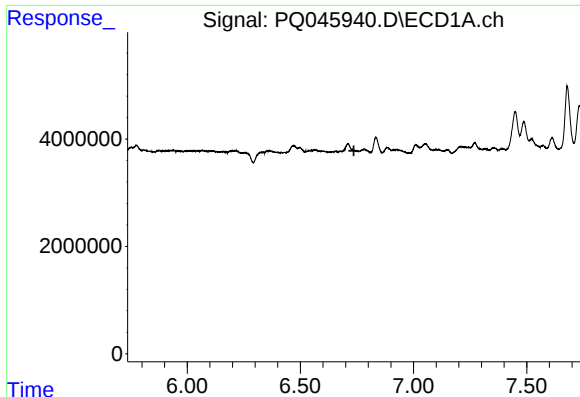
#13 AR-1232-3

R.T.: 6.499 min
Delta R.T.: -0.064 min
Response: 334737
Conc: 3.63 ng/ml



#13 AR-1232-3

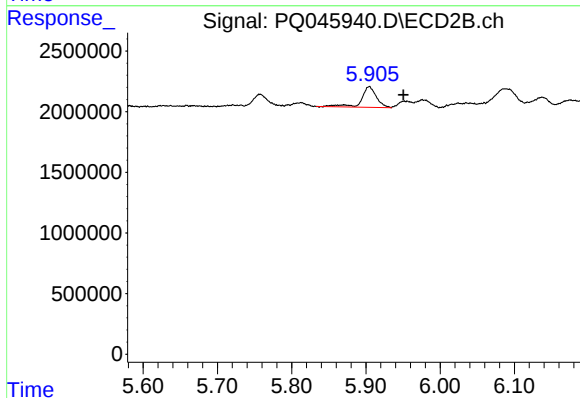
R.T.: 5.904 min
Delta R.T.: 0.046 min
Response: 2353465
Conc: 87.75 ng/ml



#14 AR-1232-4

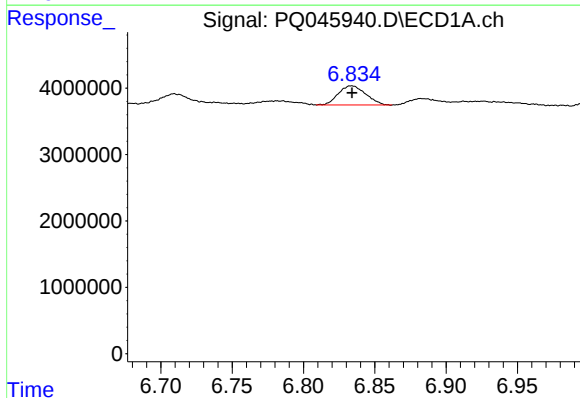
R.T.: 0.000 min
Exp R.T.: 6.736 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



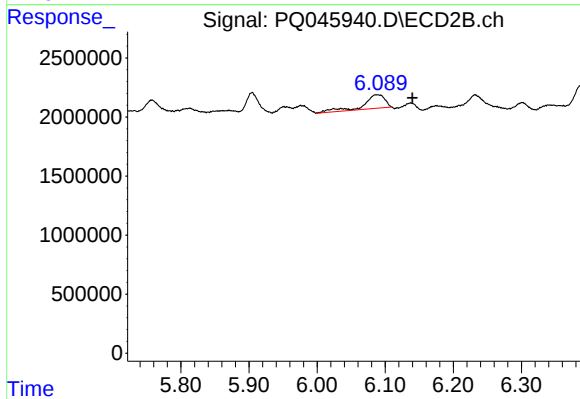
#14 AR-1232-4

R.T.: 5.904 min
Delta R.T.: -0.046 min
Response: 2353465
Conc: 88.45 ng/ml



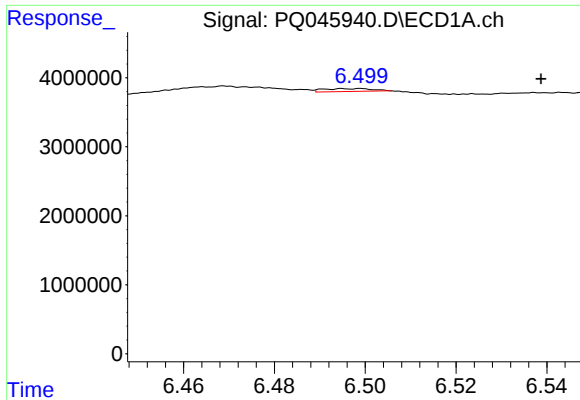
#15 AR-1232-5

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 3849525
Conc: 113.74 ng/ml



#15 AR-1232-5

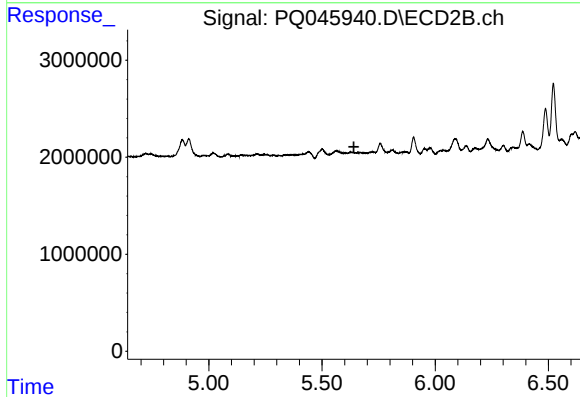
R.T.: 6.088 min
Delta R.T.: -0.052 min
Response: 2480001
Conc: 82.02 ng/ml



#16 AR-1242-1

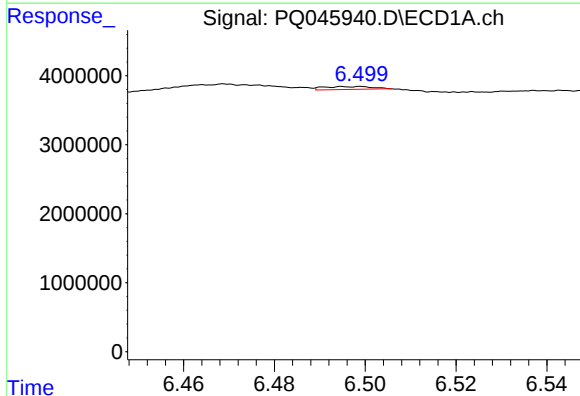
R.T.: 6.499 min
Delta R.T.: -0.040 min
Response: 334737
Conc: 5.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



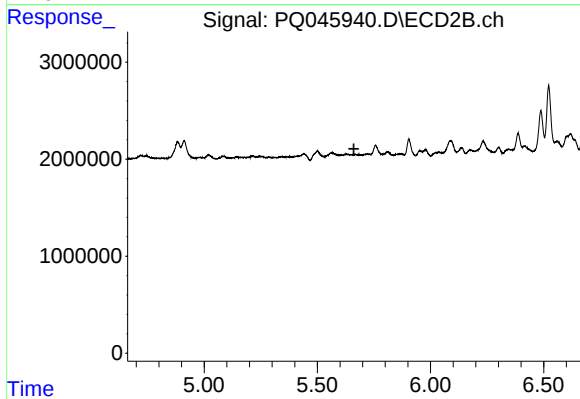
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.



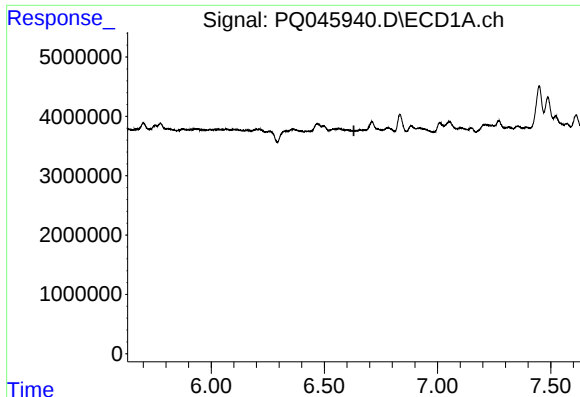
#17 AR-1242-2

R.T.: 6.499 min
Delta R.T.: -0.064 min
Response: 334737
Conc: 3.78 ng/ml



#17 AR-1242-2

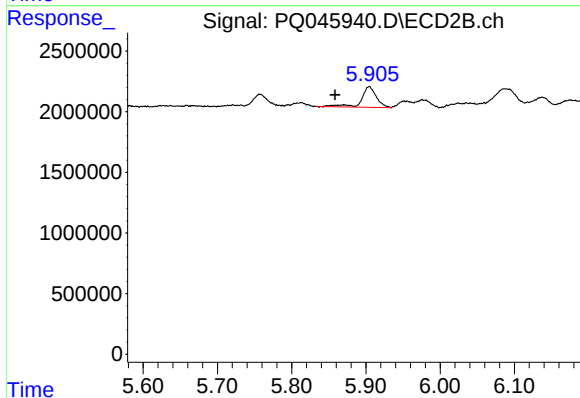
R.T.: 0.000 min
Exp R.T. : 5.661 min
Response: 0
Conc: N.D.



#18 AR-1242-3

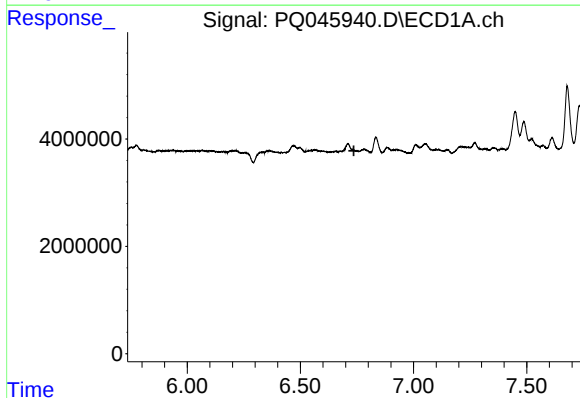
R.T.: 0.000 min
Exp R.T.: 6.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



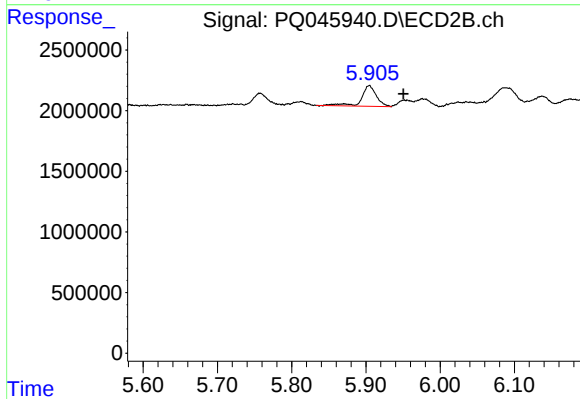
#18 AR-1242-3

R.T.: 5.904 min
Delta R.T.: 0.046 min
Response: 2353465
Conc: 87.89 ng/ml



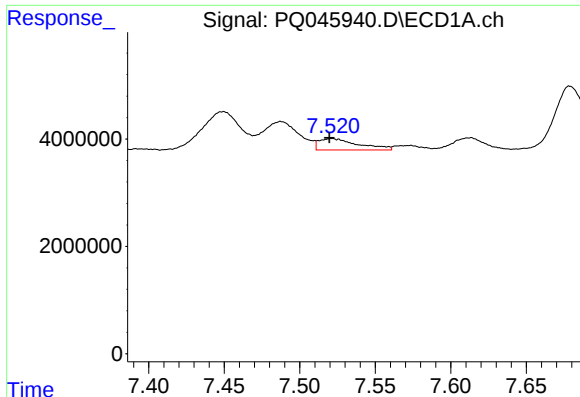
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.736 min
Response: 0
Conc: N.D.



#19 AR-1242-4

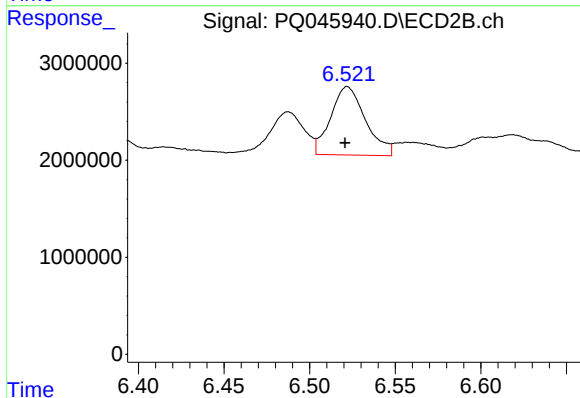
R.T.: 5.904 min
Delta R.T.: -0.046 min
Response: 2353465
Conc: 80.05 ng/ml



#20 AR-1242-5

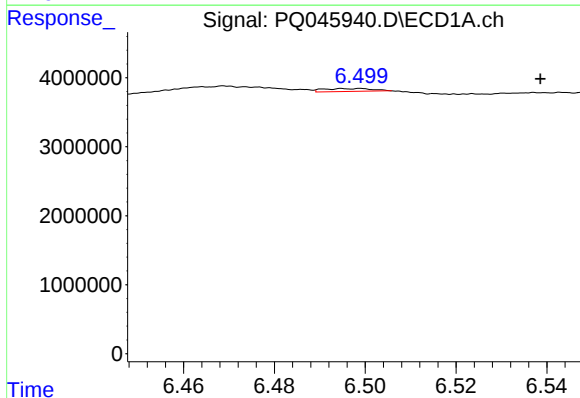
R.T.: 7.521 min
Delta R.T.: 0.001 min
Response: 3847850
Conc: 74.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



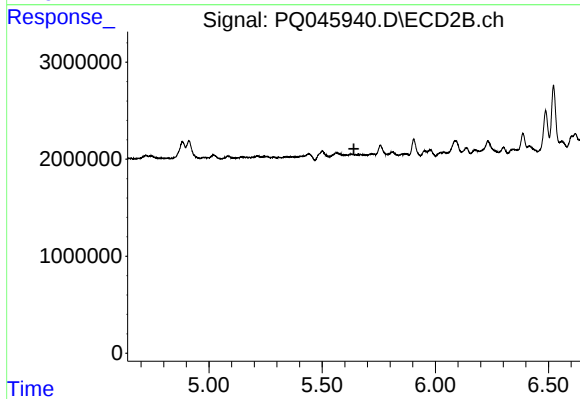
#20 AR-1242-5

R.T.: 6.522 min
Delta R.T.: 0.001 min
Response: 10005887
Conc: 257.47 ng/ml



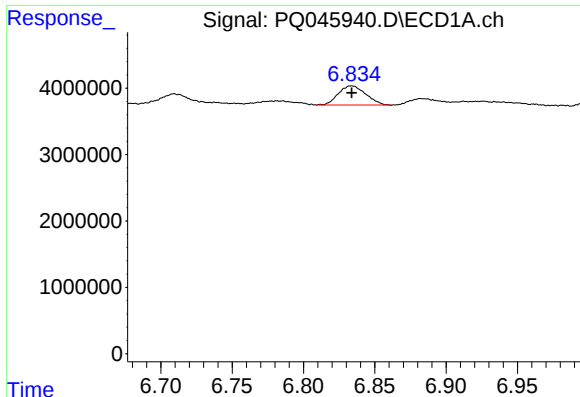
#21 AR-1248-1

R.T.: 6.499 min
Delta R.T.: -0.040 min
Response: 334737
Conc: 6.84 ng/ml



#21 AR-1248-1

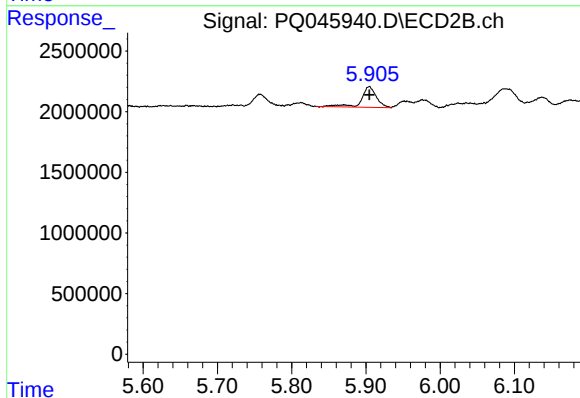
R.T.: 0.000 min
Exp R.T.: 5.640 min
Response: 0
Conc: N.D.



#22 AR-1248-2

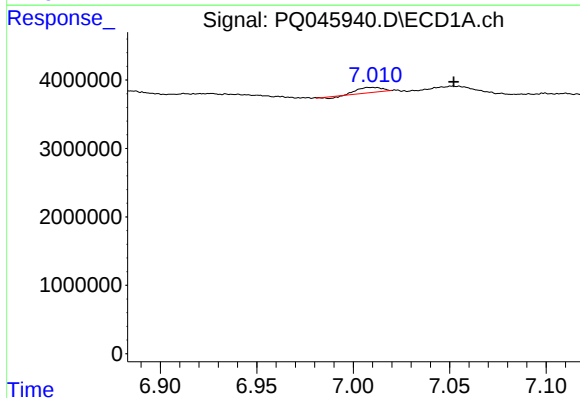
R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 3849525
Conc: 51.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



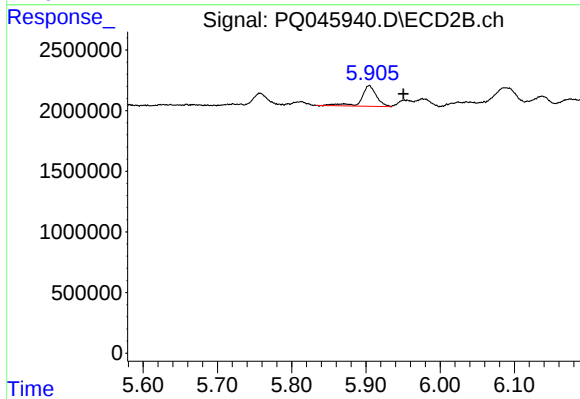
#22 AR-1248-2

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 2353465
Conc: 52.69 ng/ml



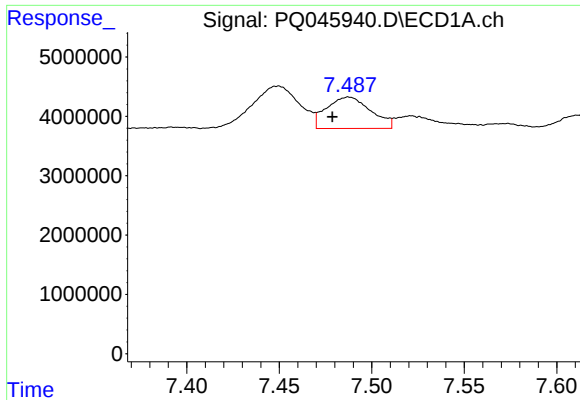
#23 AR-1248-3

R.T.: 7.010 min
Delta R.T.: -0.043 min
Response: 707825
Conc: 8.50 ng/ml



#23 AR-1248-3

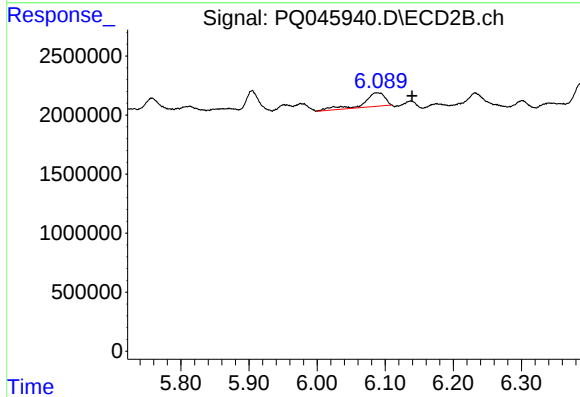
R.T.: 5.904 min
Delta R.T.: -0.046 min
Response: 2353465
Conc: 49.08 ng/ml



#24 AR-1248-4

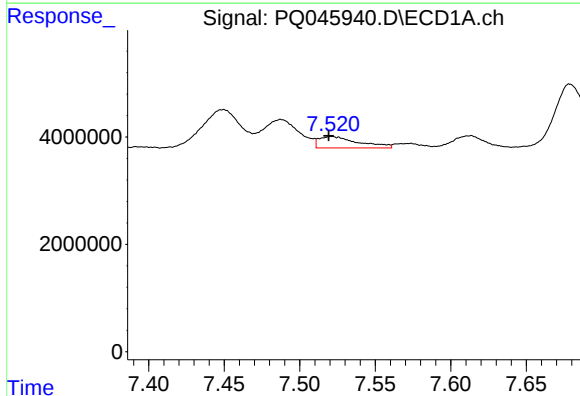
R.T.: 7.488 min
Delta R.T.: 0.009 min
Response: 8849639
Conc: 89.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



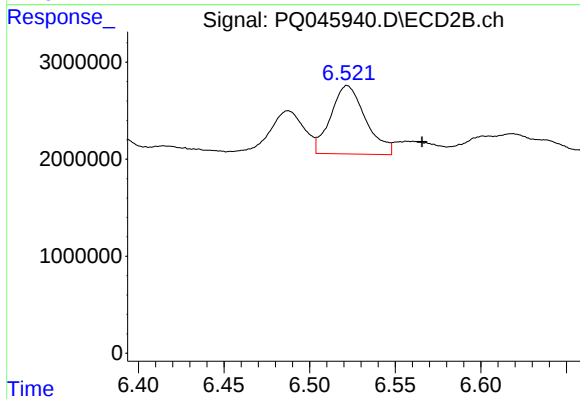
#24 AR-1248-4

R.T.: 6.088 min
Delta R.T.: -0.052 min
Response: 2480001
Conc: 41.10 ng/ml



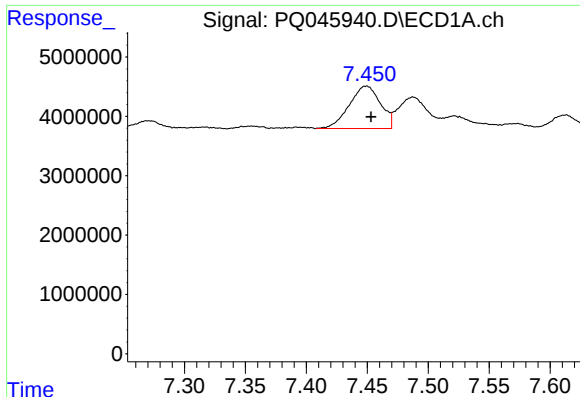
#25 AR-1248-5

R.T.: 7.521 min
Delta R.T.: 0.002 min
Response: 3847850
Conc: 38.04 ng/ml



#25 AR-1248-5

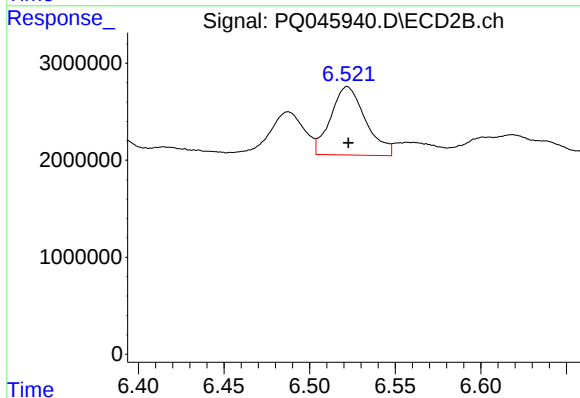
R.T.: 6.522 min
Delta R.T.: -0.044 min
Response: 10005887
Conc: 167.42 ng/ml



#26 AR-1254-1

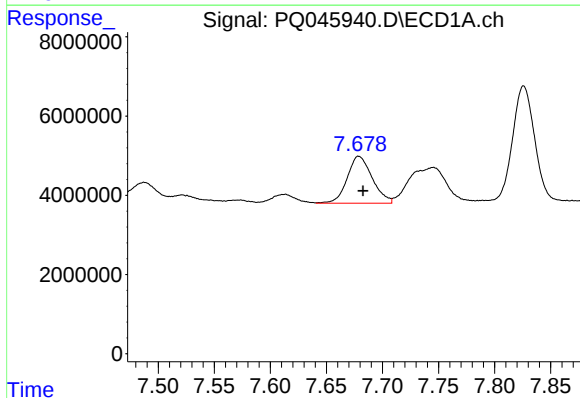
R.T.: 7.449 min
Delta R.T.: -0.004 min
Response: 12778592
Conc: 127.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



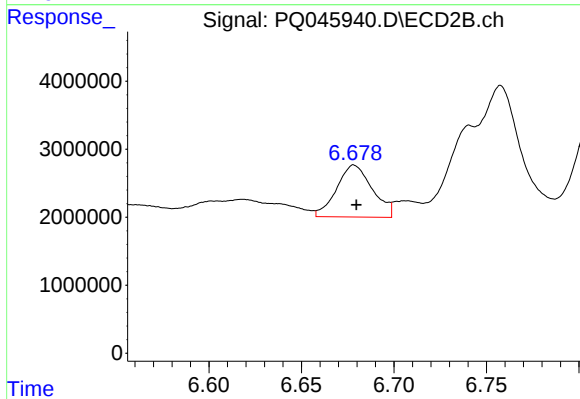
#26 AR-1254-1

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 10005887
Conc: 104.44 ng/ml



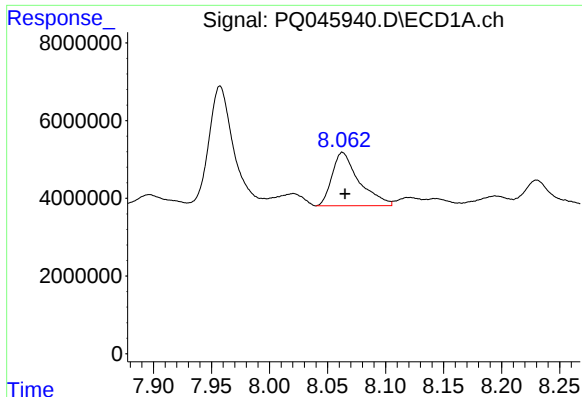
#27 AR-1254-2

R.T.: 7.679 min
Delta R.T.: -0.004 min
Response: 18422197
Conc: 110.18 ng/ml



#27 AR-1254-2

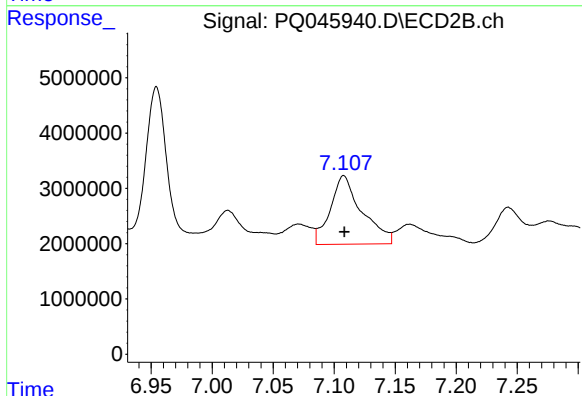
R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 10257550
Conc: 119.86 ng/ml



#28 AR-1254-3

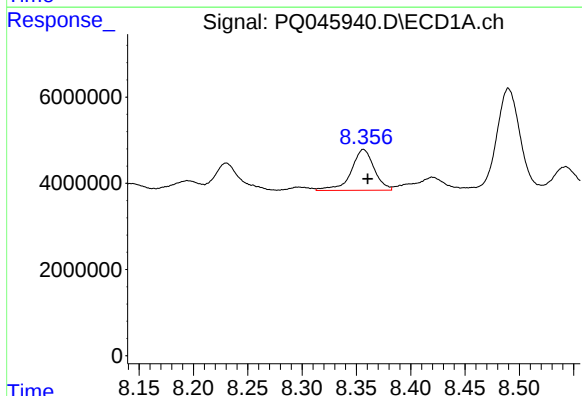
R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 22180153
Conc: 113.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



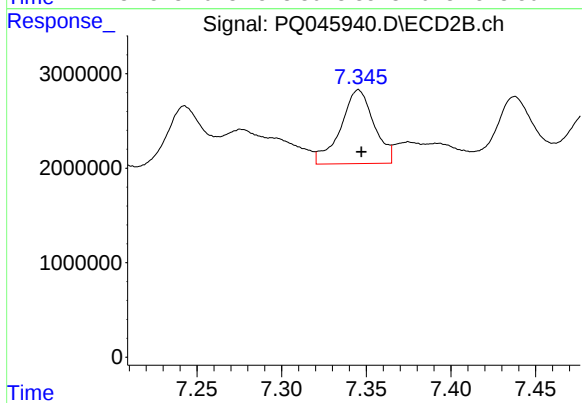
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 22416294
Conc: 151.52 ng/ml



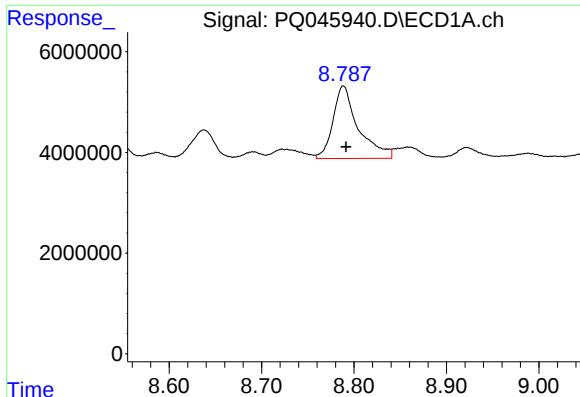
#29 AR-1254-4

R.T.: 8.357 min
Delta R.T.: -0.004 min
Response: 14043919
Conc: 97.69 ng/ml



#29 AR-1254-4

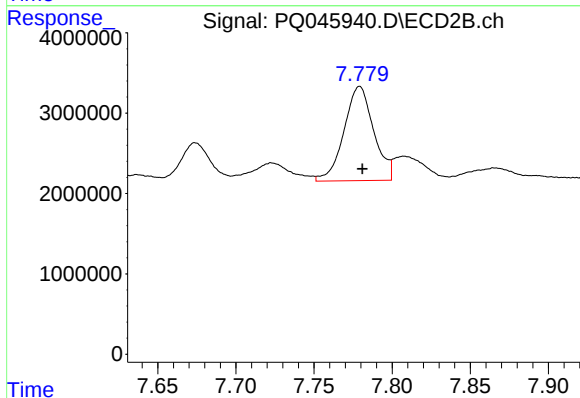
R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 10737424
Conc: 117.02 ng/ml



#30 AR-1254-5

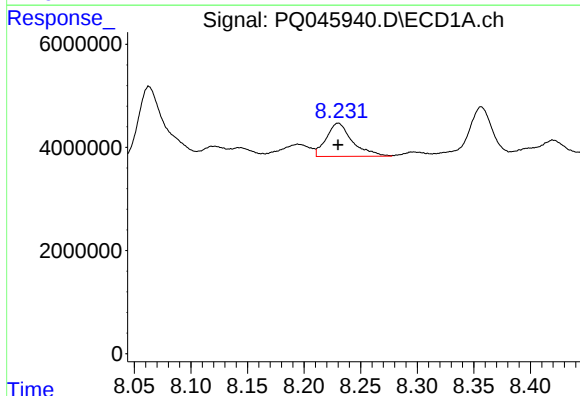
R.T.: 8.788 min
Delta R.T.: -0.003 min
Response: 27446100
Conc: 160.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



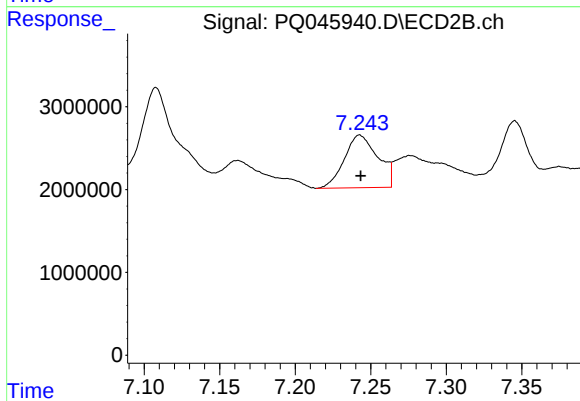
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: -0.002 min
Response: 15540246
Conc: 113.30 ng/ml



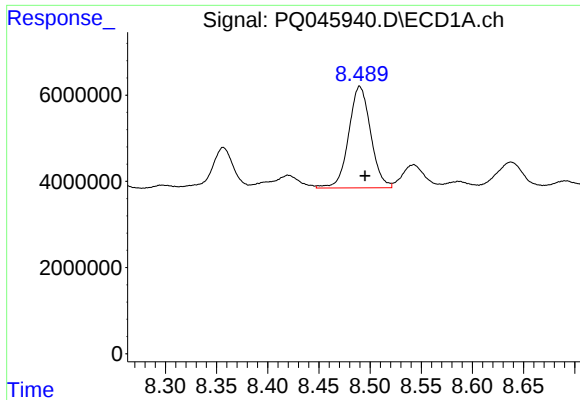
#31 AR-1260-1

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 10338752
Conc: 82.83 ng/ml



#31 AR-1260-1

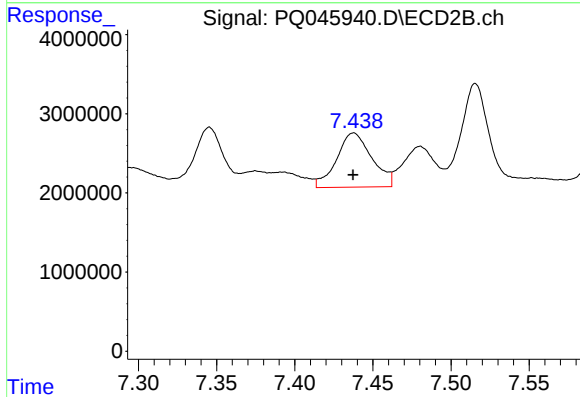
R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 9825013
Conc: 113.68 ng/ml



#32 AR-1260-2

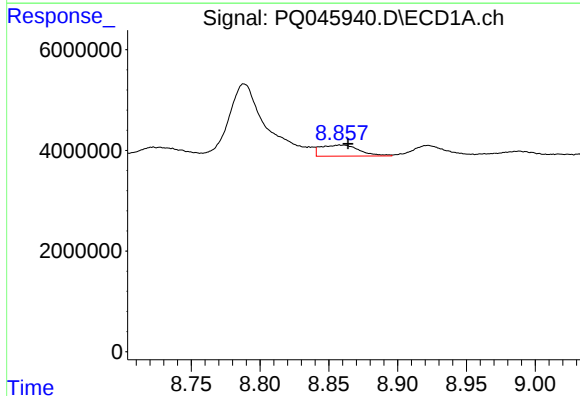
R.T.: 8.490 min
Delta R.T.: -0.005 min
Response: 35126458
Conc: 227.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



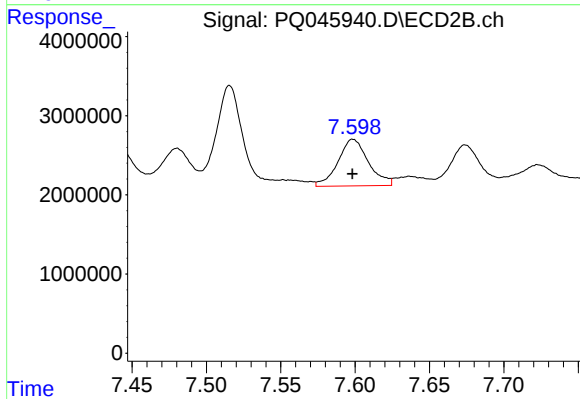
#32 AR-1260-2

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 10776731
Conc: 100.33 ng/ml



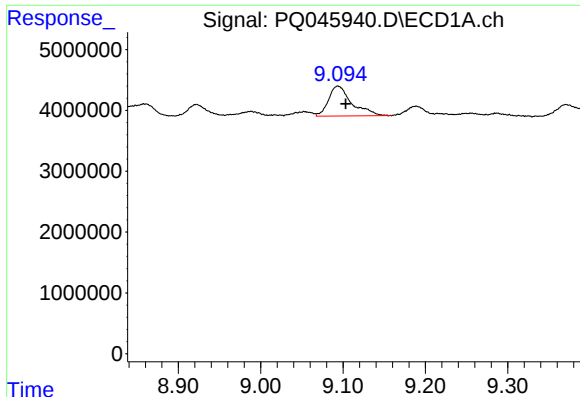
#33 AR-1260-3

R.T.: 8.858 min
Delta R.T.: -0.006 min
Response: 4314800
Conc: 33.38 ng/ml



#33 AR-1260-3

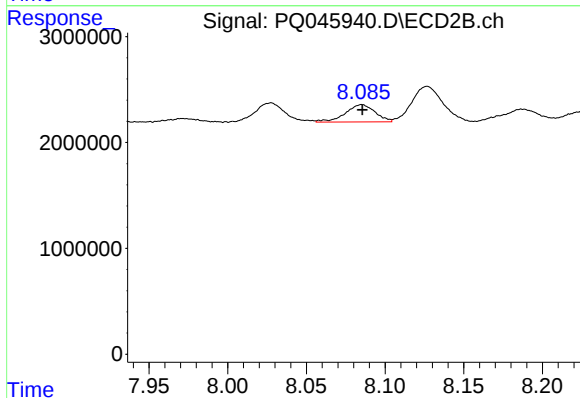
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 8393220
Conc: 84.25 ng/ml



#34 AR-1260-4

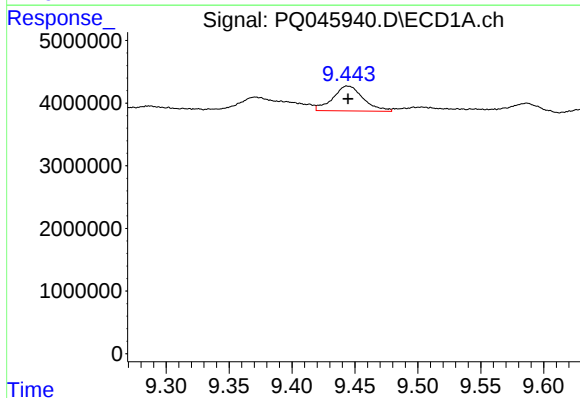
R.T.: 9.094 min
Delta R.T.: -0.010 min
Response: 9648966
Conc: 59.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



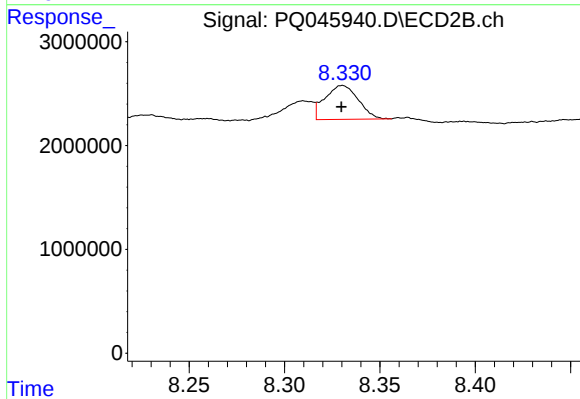
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 2134821
Conc: 22.94 ng/ml



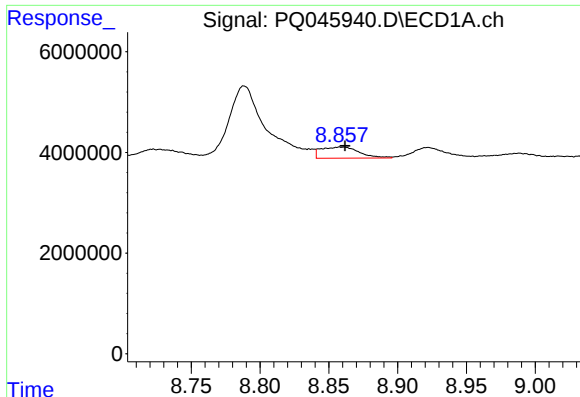
#35 AR-1260-5

R.T.: 9.444 min
Delta R.T.: 0.000 min
Response: 6692615
Conc: 19.84 ng/ml



#35 AR-1260-5

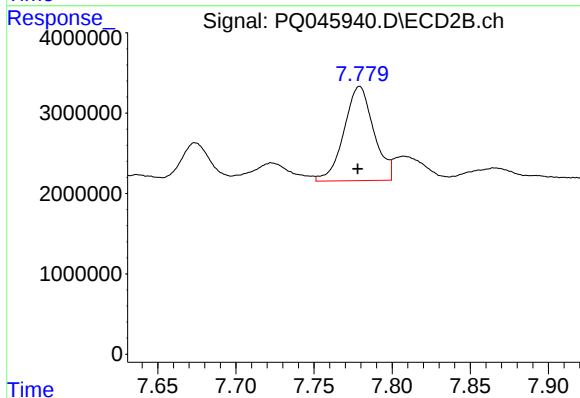
R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 3984436
Conc: 16.63 ng/ml



#36 AR-1262-1

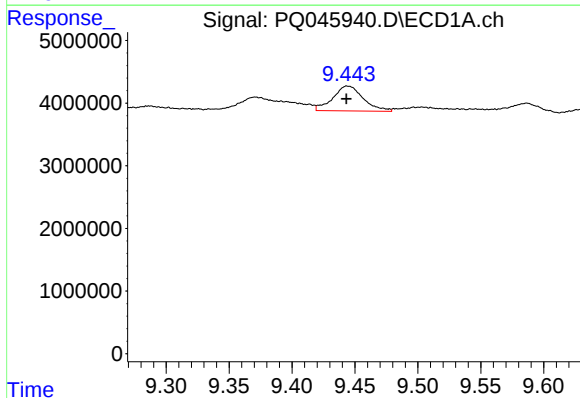
R.T.: 8.858 min
Delta R.T.: -0.004 min
Response: 4314800
Conc: 19.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



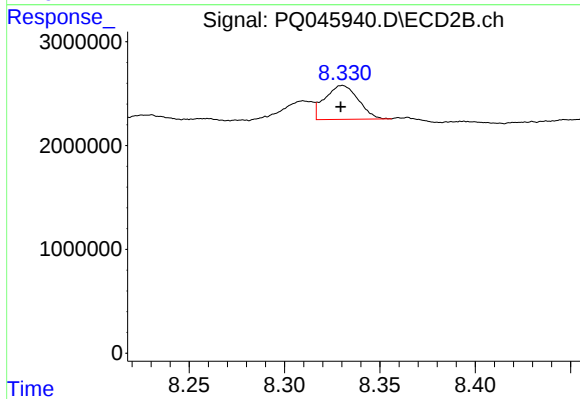
#36 AR-1262-1

R.T.: 7.779 min
Delta R.T.: 0.001 min
Response: 15540246
Conc: 198.31 ng/ml



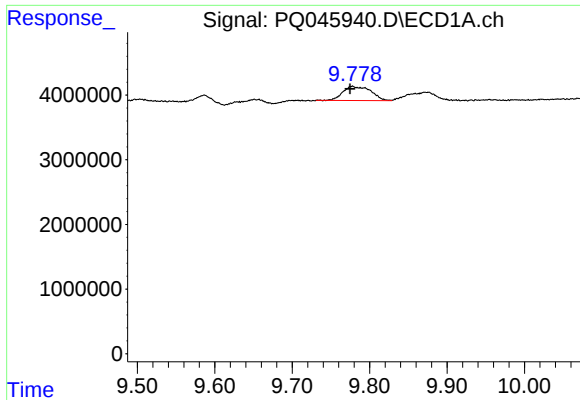
#37 AR-1262-2

R.T.: 9.444 min
Delta R.T.: 0.000 min
Response: 6692615
Conc: 15.91 ng/ml



#37 AR-1262-2

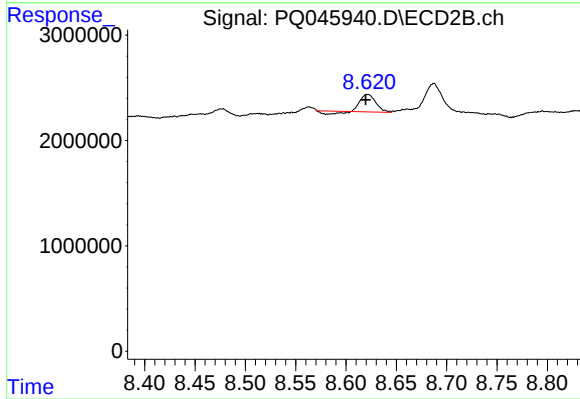
R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 3984436
Conc: 12.30 ng/ml



#38 AR-1262-3

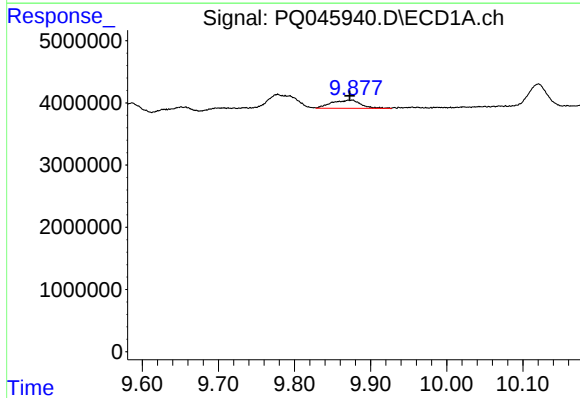
R.T.: 9.778 min
Delta R.T.: 0.003 min
Response: 5517817
Conc: 18.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



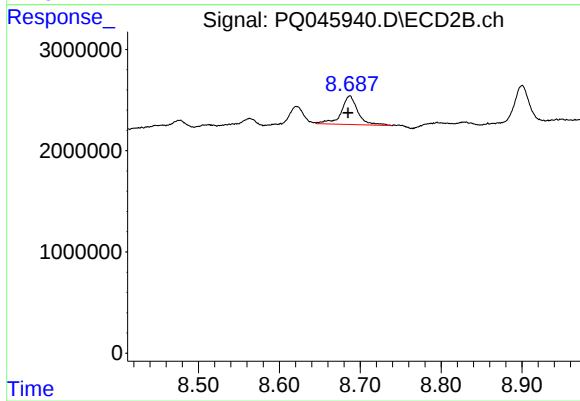
#38 AR-1262-3

R.T.: 8.621 min
Delta R.T.: 0.002 min
Response: 1557059
Conc: 12.44 ng/ml



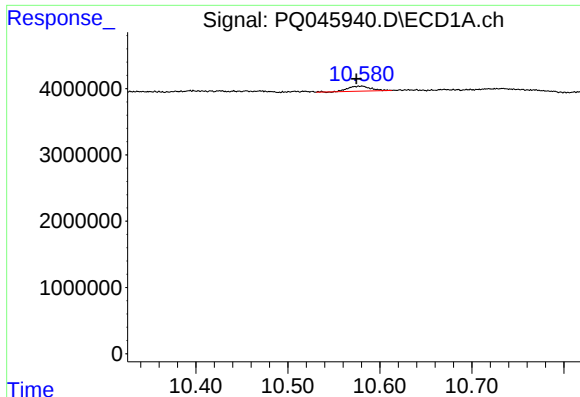
#39 AR-1262-4

R.T.: 9.876 min
Delta R.T.: 0.003 min
Response: 3519636
Conc: 15.10 ng/ml



#39 AR-1262-4

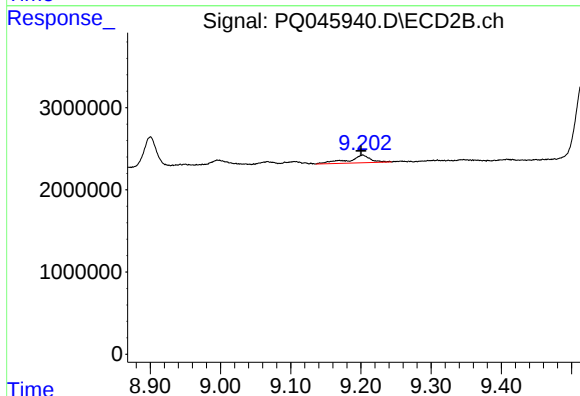
R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 4081773
Conc: 16.24 ng/ml



#40 AR-1262-5

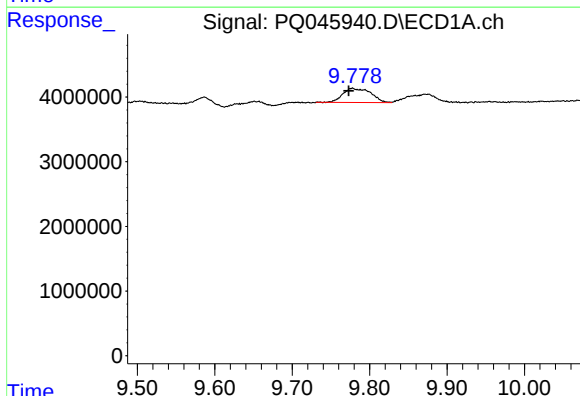
R.T.: 10.580 min
Delta R.T.: 0.006 min
Response: 1292743
Conc: 7.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



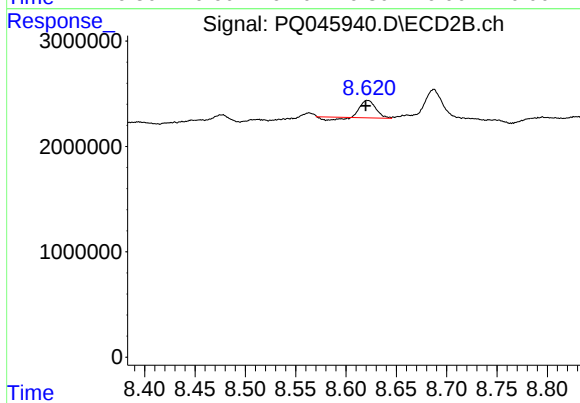
#40 AR-1262-5

R.T.: 9.203 min
Delta R.T.: 0.002 min
Response: 2052722
Conc: 17.32 ng/ml



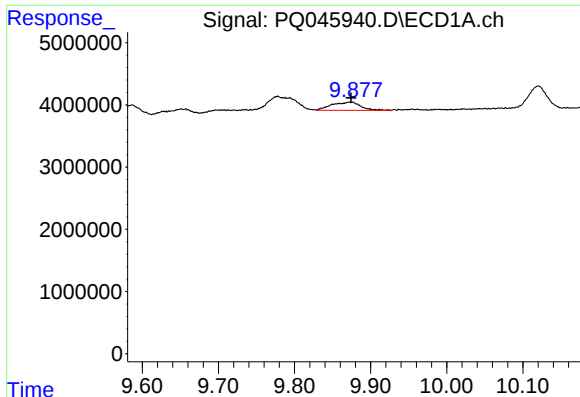
#41 AR-1268-1

R.T.: 9.778 min
Delta R.T.: 0.005 min
Response: 5517817
Conc: 11.03 ng/ml



#41 AR-1268-1

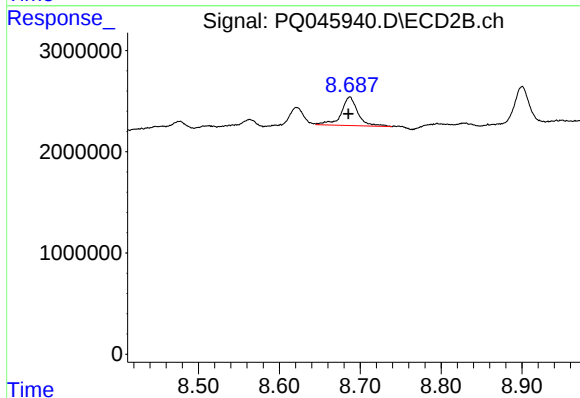
R.T.: 8.621 min
Delta R.T.: 0.002 min
Response: 1557059
Conc: 4.26 ng/ml



#42 AR-1268-2

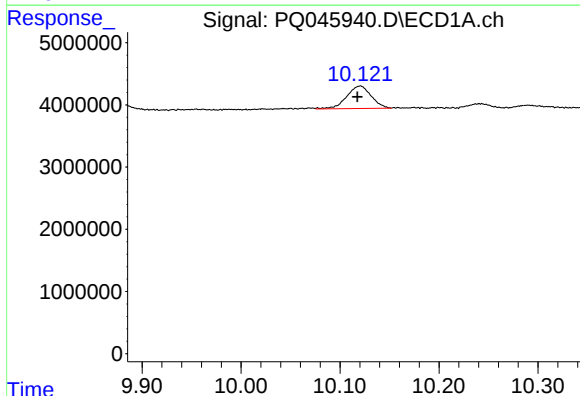
R.T.: 9.876 min
Delta R.T.: 0.001 min
Response: 3519636
Conc: 7.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



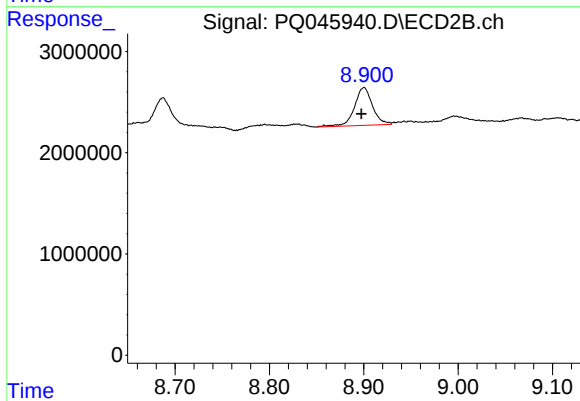
#42 AR-1268-2

R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 4081773
Conc: 11.56 ng/ml



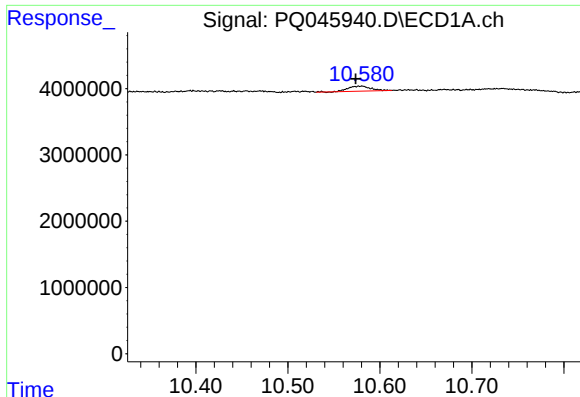
#43 AR-1268-3

R.T.: 10.120 min
Delta R.T.: 0.003 min
Response: 6180516
Conc: 14.90 ng/ml



#43 AR-1268-3

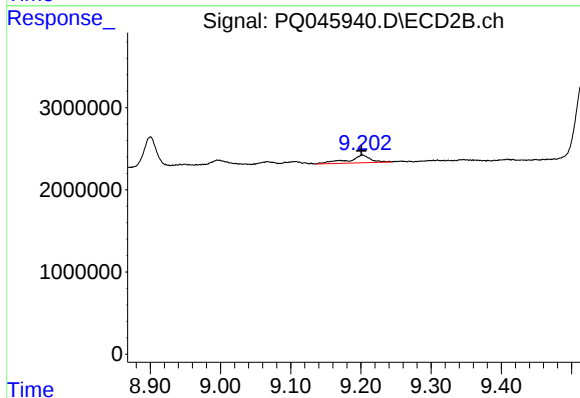
R.T.: 8.900 min
Delta R.T.: 0.003 min
Response: 4968746
Conc: 17.51 ng/ml



#44 AR-1268-4

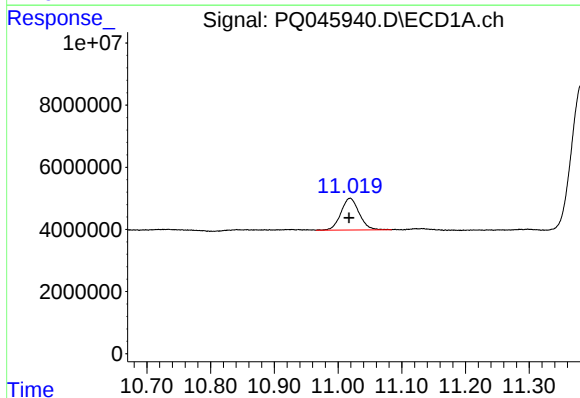
R.T.: 10.580 min
Delta R.T.: 0.006 min
Response: 1292743
Conc: 6.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SB-5-(0-2)



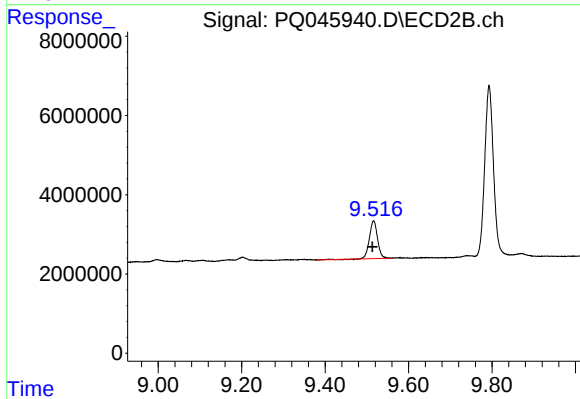
#44 AR-1268-4

R.T.: 9.203 min
Delta R.T.: 0.002 min
Response: 2052722
Conc: 16.05 ng/ml



#45 AR-1268-5

R.T.: 11.019 min
Delta R.T.: 0.001 min
Response: 20162392
Conc: 12.53 ng/ml



#45 AR-1268-5

R.T.: 9.516 min
Delta R.T.: 0.003 min
Response: 12749347
Conc: 11.88 ng/ml