

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091819\
 Data File : PQ043652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2019 09:45
 Operator : SM\AJ
 Sample : MDL-AR1660-S-1
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 10:30:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 18 08:09:29 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...	5.239	4.416	21997824	10433662	10.284	11.382
2)	SA Decachlor...	11.411	9.871	321.3E6	118.2E6	40.999	38.676
Target Compounds							
3)	L1 AR-1016-1	6.555	5.697	1389392	703462	14.210	18.540 #
4)	L1 AR-1016-2	6.577	5.719	2283703	1036760	16.070	19.854
5)	L1 AR-1016-3	6.645	5.915	1351228	697593	15.693	24.804 #
6)	L1 AR-1016-4	6.753	5.961	1496677	609128	20.454	25.960 #
7)	L1 AR-1016-5	7.067	6.199	2481869	546391	32.024	17.074 #
10)	L2 AR-1221-3	5.670	0.000	766447	0	12.719	N.D. #
11)	L3 AR-1232-1	5.670	0.000	766447	0	15.047	N.D. #
12)	L3 AR-1232-2	6.262	5.719	1289992	1036760	45.596	42.472
13)	L3 AR-1232-3	6.577	5.915	2283703	697593	36.167	55.007 #
14)	L3 AR-1232-4	6.753	6.005	1496677	608516	45.811	54.446
15)	L3 AR-1232-5	6.849	6.199	1512786	546391	60.669	40.498 #
16)	L4 AR-1242-1	6.555	5.697	1389392	703462	16.607	21.472 #
17)	L4 AR-1242-2	6.577	5.719	2283703	1036760	18.798	22.776
18)	L4 AR-1242-3	6.645	5.915	1351228	697593	18.381	28.781 #
19)	L4 AR-1242-4	6.753	6.005	1496677	608516	23.763	25.000
20)	L4 AR-1242-5	7.536	6.581	2757625	521989	30.128	14.879 #
21)	L5 AR-1248-1	6.555	5.697	1389392	703462	19.714	25.494 #
22)	L5 AR-1248-2	6.849	5.961	1512786	609128	14.891	16.182
23)	L5 AR-1248-3	7.067	6.005	2481869	608516	20.605	15.819
24)	L5 AR-1248-4	7.494	6.199	1177083	546391	7.358	11.609 #
25)	L5 AR-1248-5	7.536	6.581	2757625	521989	17.665	9.914 #
26)	L6 AR-1254-1	7.466	6.581	3344364	521989	23.790	7.192 #
27)	L6 AR-1254-2	7.694	6.738	2390743	535193	10.079	8.144
28)	L6 AR-1254-3	8.078	7.181	1478582	1660234	5.158	13.989 #
29)	L6 AR-1254-4	8.371	7.406	2210336	693402	9.192	8.086
30)	L6 AR-1254-5	8.802	7.839	9162250	2898106	28.937	23.555
31)	L7 AR-1260-1	8.246	7.303	6102891	2043380	32.069	29.219
32)	L7 AR-1260-2	8.509	7.497	6081569	2314210	24.882	25.677
33)	L7 AR-1260-3	8.878	7.659	5432125	1978137	27.245	22.915
34)	L7 AR-1260-4	9.119	8.147	7666868	2038846	30.522	26.182
35)	L7 AR-1260-5	9.462	8.391	16007795	5477357	28.275	25.949
36)	L8 AR-1262-1	8.878	7.934	5432125	1236924	16.644	24.829 #
37)	L8 AR-1262-2	9.462	8.391	16007795	5477357	21.918	20.895
38)	L8 AR-1262-3	9.813	8.681	11906689	2043129	22.282	16.530 #
39)	L8 AR-1262-4	9.875	8.747	8580770	5530735	20.996	22.888
40)	L8 AR-1262-5	10.599	9.269	7378927	2704455	20.894	17.984
41)	L9 AR-1268-1	9.813	8.681	11906689	2043129	13.826	6.137 #
42)	L9 AR-1268-2	9.875	8.747	8580770	5530735	10.327	17.128 #
43)	L9 AR-1268-3	10.141	8.965	3617034	673658	5.138	2.357 #

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 Data File : PQ043652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2019 09:45
 Operator : SM\AJ
 Sample : MDL-AR1660-S-1
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 10:30:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 18 08:09:29 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
44) L9	AR-1268-4	10.599	9.269	7378927	2704455	19.157	16.780
45) L9	AR-1268-5	11.043	9.589	4530831	1710767	1.466	1.394

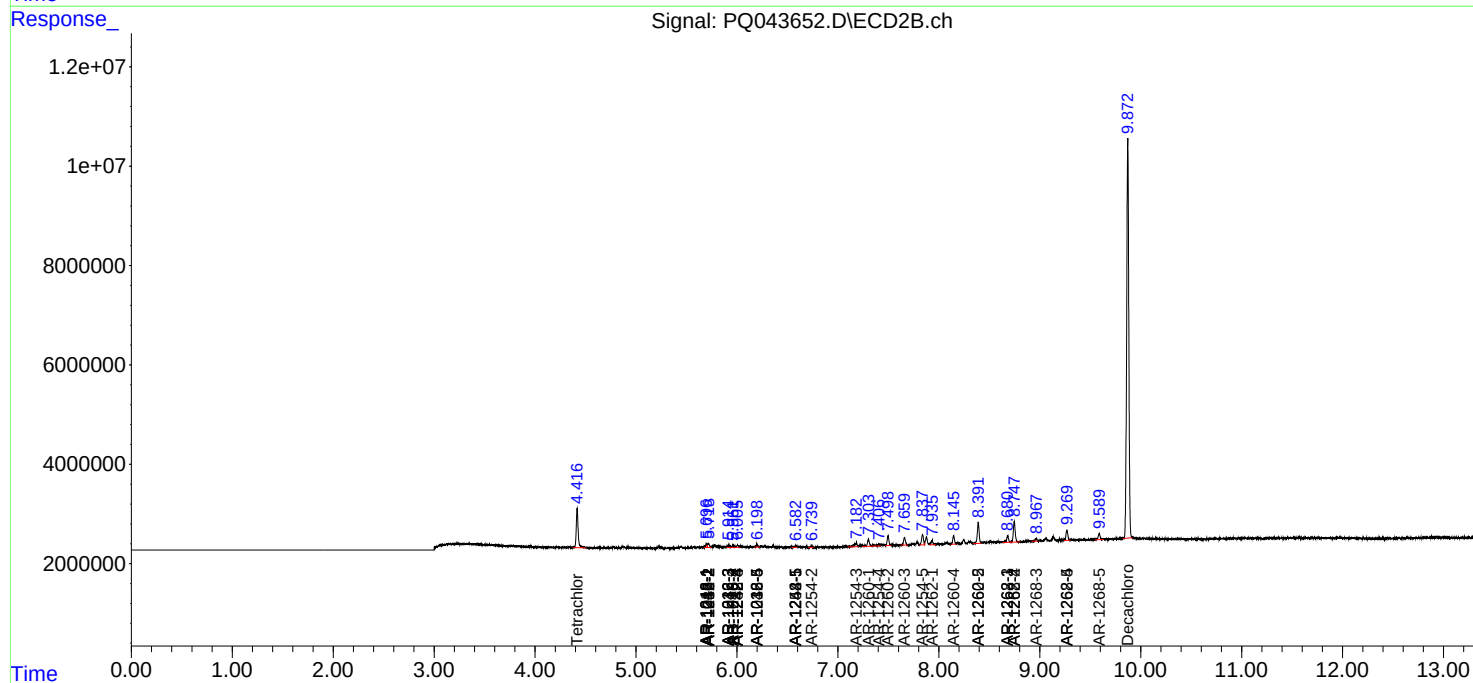
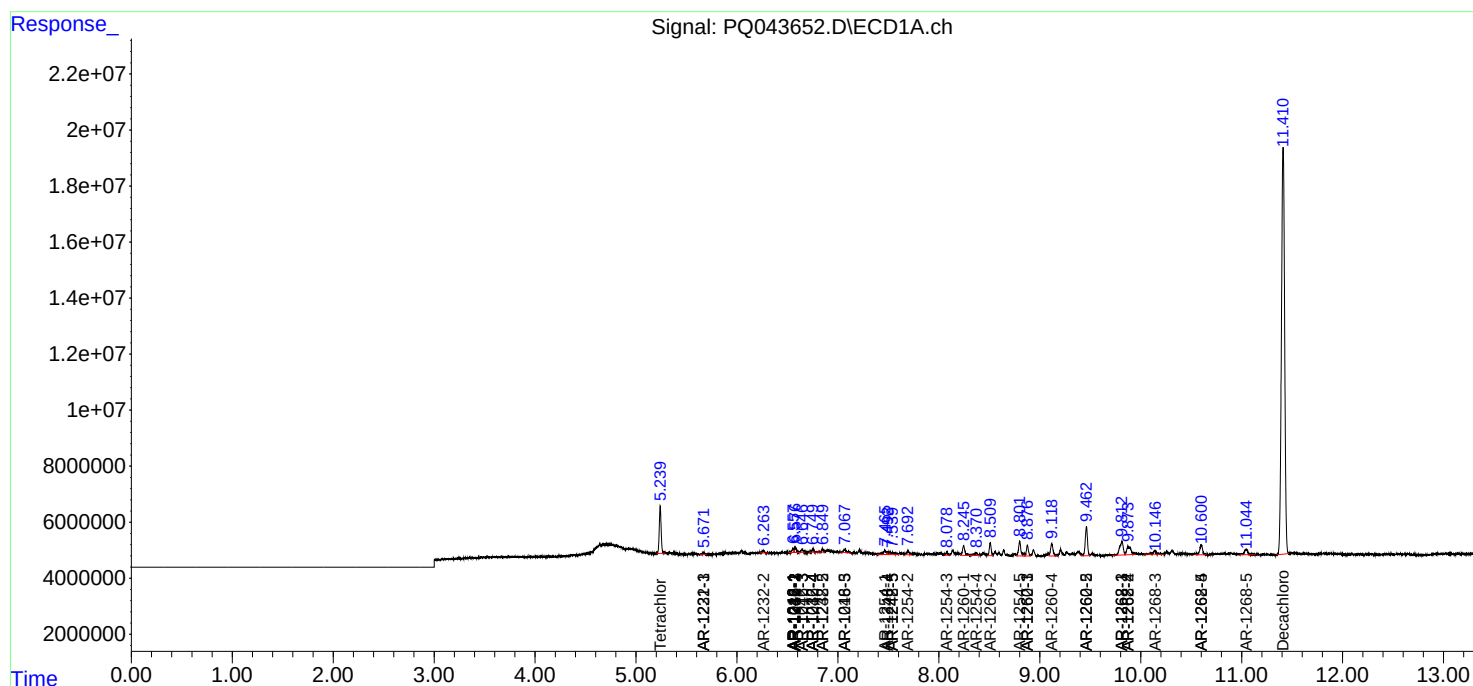
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

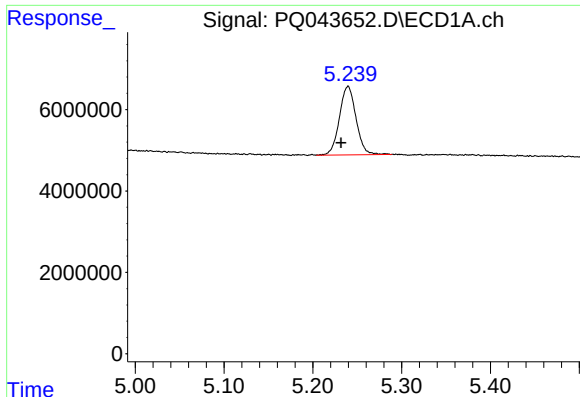
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091819\
Data File : PQ043652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2019 09:45
Operator : SM\AJ
Sample : MDL-AR1660-S-1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 10:30:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 18 08:09:29 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

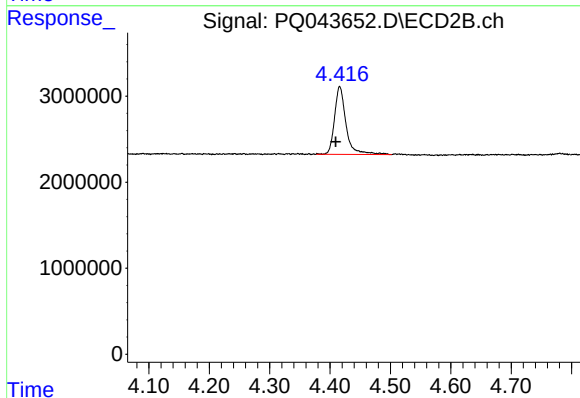




#1 Tetrachloro-m-xylene

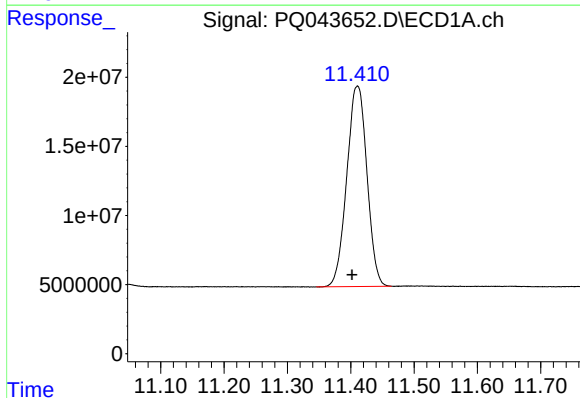
R.T.: 5.239 min
Delta R.T.: 0.007 min
Response: 21997824
Conc: 10.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



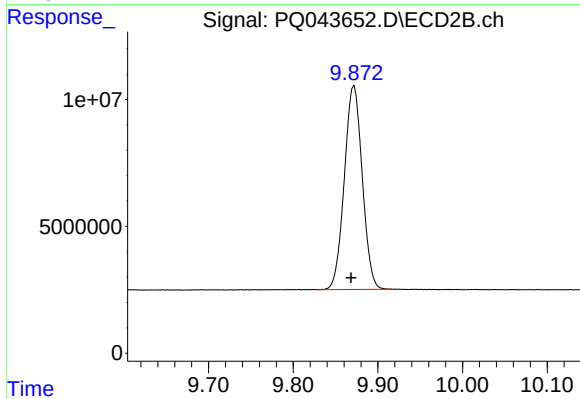
#1 Tetrachloro-m-xylene

R.T.: 4.416 min
Delta R.T.: 0.007 min
Response: 10433662
Conc: 11.38 ng/ml



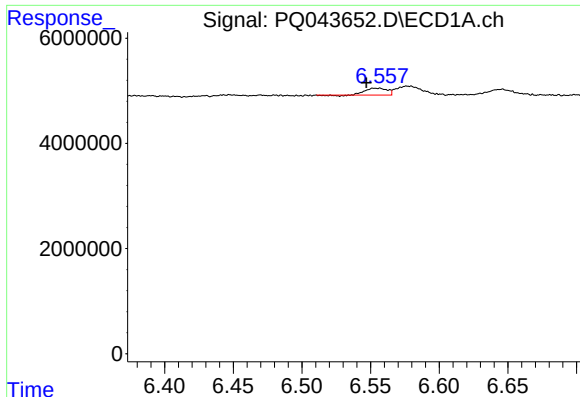
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: 0.008 min
Response: 321319383
Conc: 41.00 ng/ml



#2 Decachlorobiphenyl

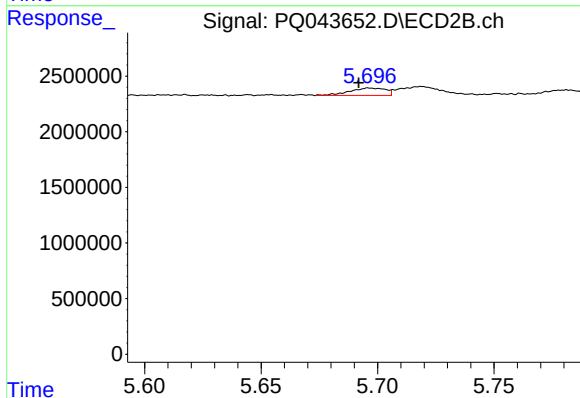
R.T.: 9.871 min
Delta R.T.: 0.003 min
Response: 118167973
Conc: 38.68 ng/ml



#3 AR-1016-1

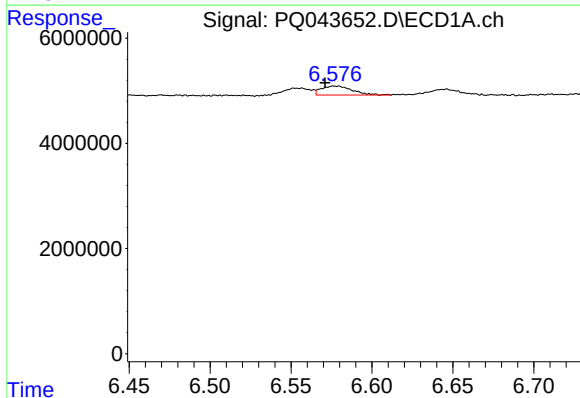
R.T.: 6.555 min
Delta R.T.: 0.008 min
Response: 1389392
Conc: 14.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



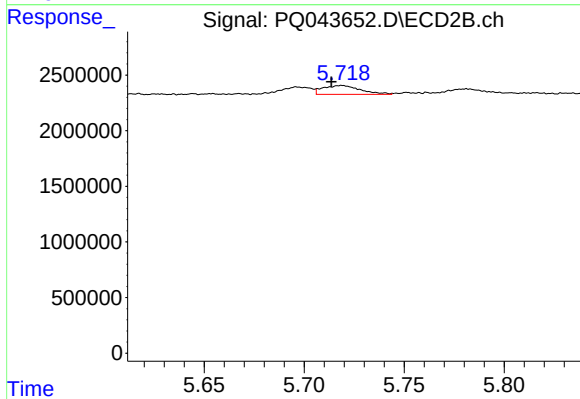
#3 AR-1016-1

R.T.: 5.697 min
Delta R.T.: 0.005 min
Response: 703462
Conc: 18.54 ng/ml



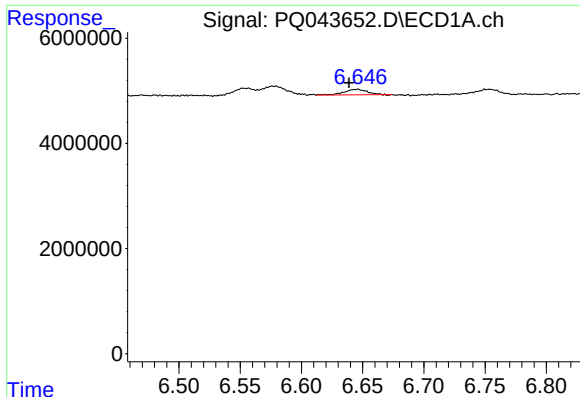
#4 AR-1016-2

R.T.: 6.577 min
Delta R.T.: 0.006 min
Response: 2283703
Conc: 16.07 ng/ml



#4 AR-1016-2

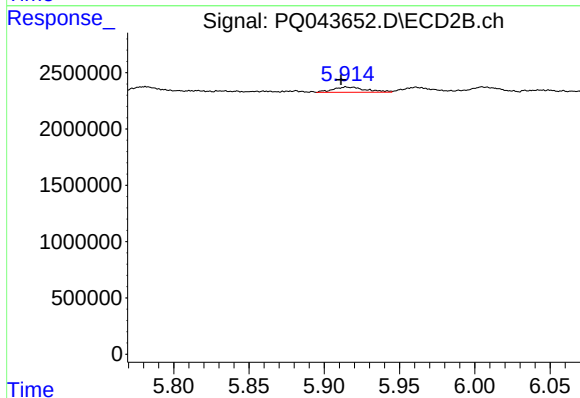
R.T.: 5.719 min
Delta R.T.: 0.005 min
Response: 1036760
Conc: 19.85 ng/ml



#5 AR-1016-3

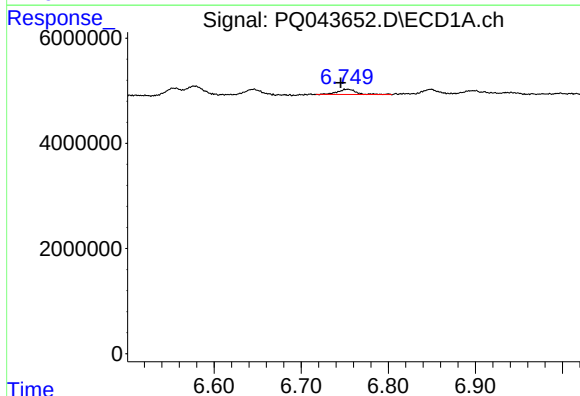
R.T.: 6.645 min
Delta R.T.: 0.006 min
Response: 1351228
Conc: 15.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



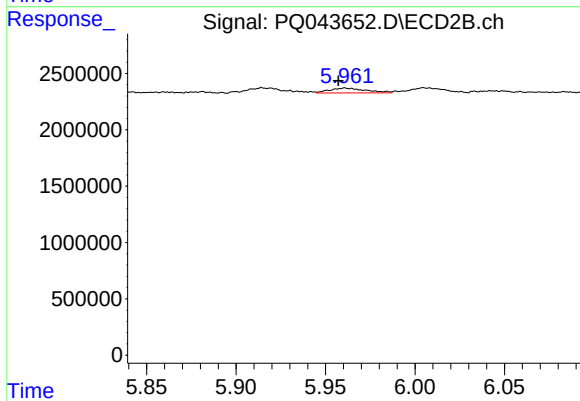
#5 AR-1016-3

R.T.: 5.915 min
Delta R.T.: 0.004 min
Response: 697593
Conc: 24.80 ng/ml



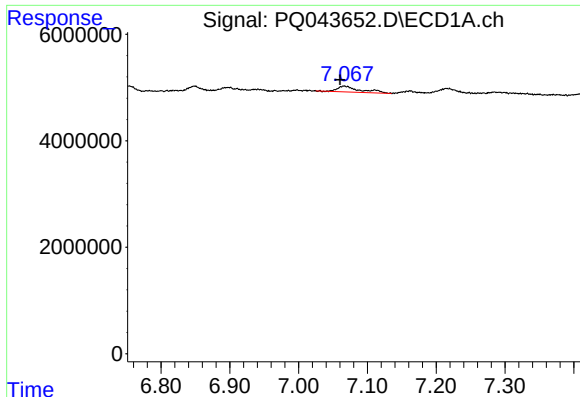
#6 AR-1016-4

R.T.: 6.753 min
Delta R.T.: 0.008 min
Response: 1496677
Conc: 20.45 ng/ml



#6 AR-1016-4

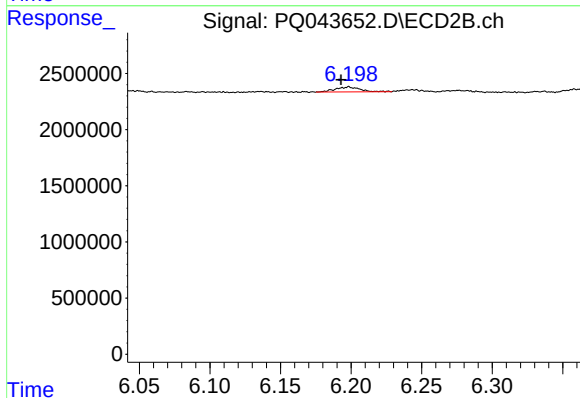
R.T.: 5.961 min
Delta R.T.: 0.004 min
Response: 609128
Conc: 25.96 ng/ml



#7 AR-1016-5

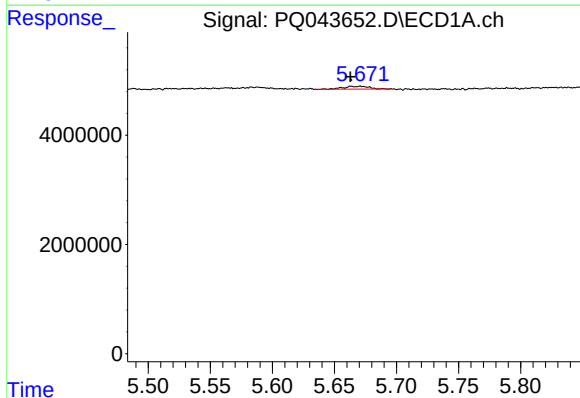
R.T.: 7.067 min
Delta R.T.: 0.006 min
Response: 2481869
Conc: 32.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



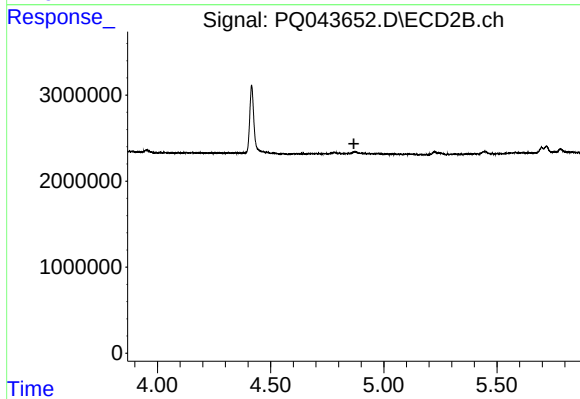
#7 AR-1016-5

R.T.: 6.199 min
Delta R.T.: 0.006 min
Response: 546391
Conc: 17.07 ng/ml



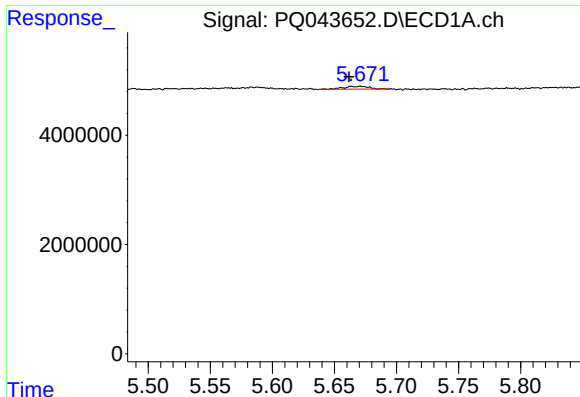
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: 0.007 min
Response: 766447
Conc: 12.72 ng/ml



#10 AR-1221-3

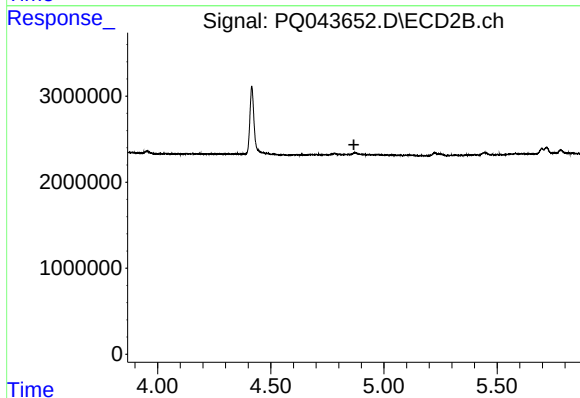
R.T.: 0.000 min
Exp R.T.: 4.868 min
Response: 0
Conc: N.D.



#11 AR-1232-1

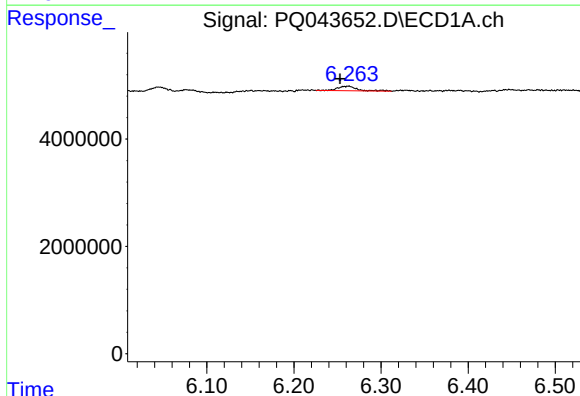
R.T.: 5.670 min
Delta R.T.: 0.008 min
Response: 766447
Conc: 15.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



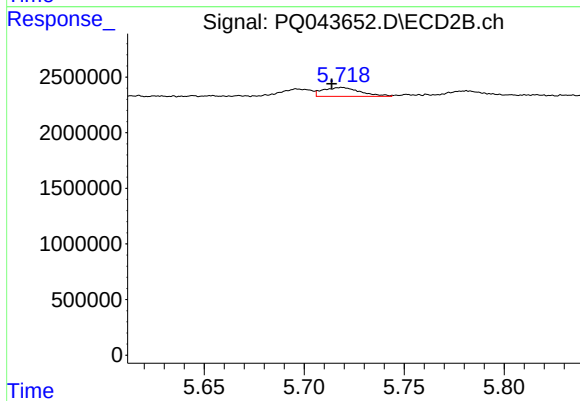
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.867 min
Response: 0
Conc: N.D.



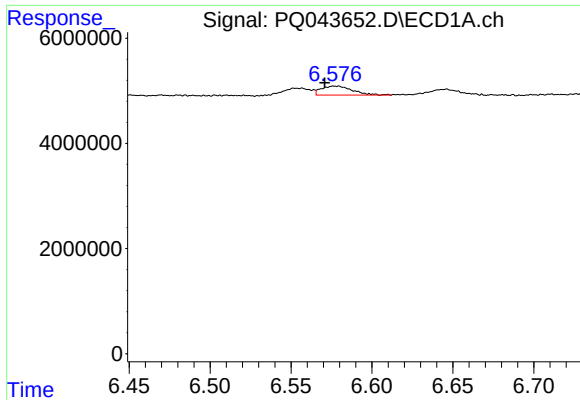
#12 AR-1232-2

R.T.: 6.262 min
Delta R.T.: 0.008 min
Response: 1289992
Conc: 45.60 ng/ml



#12 AR-1232-2

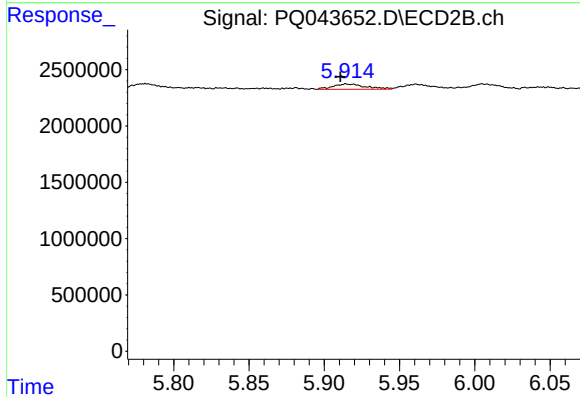
R.T.: 5.719 min
Delta R.T.: 0.005 min
Response: 1036760
Conc: 42.47 ng/ml



#13 AR-1232-3

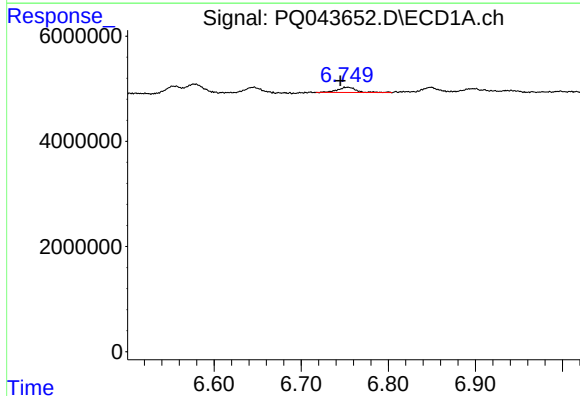
R.T.: 6.577 min
Delta R.T.: 0.007 min
Response: 2283703
Conc: 36.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



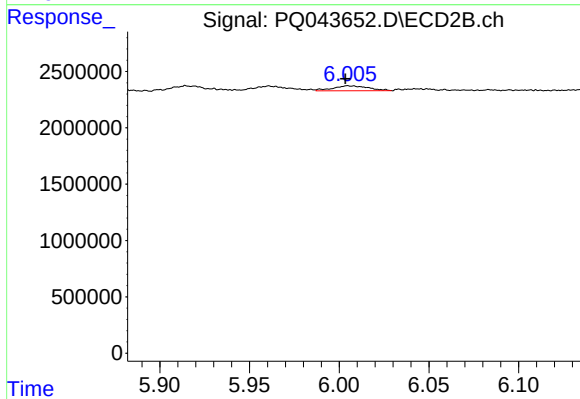
#13 AR-1232-3

R.T.: 5.915 min
Delta R.T.: 0.004 min
Response: 697593
Conc: 55.01 ng/ml



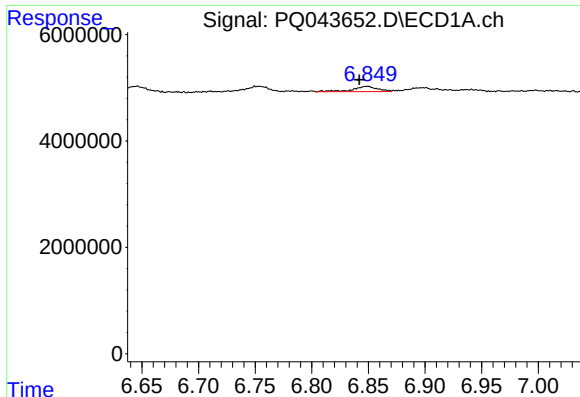
#14 AR-1232-4

R.T.: 6.753 min
Delta R.T.: 0.008 min
Response: 1496677
Conc: 45.81 ng/ml



#14 AR-1232-4

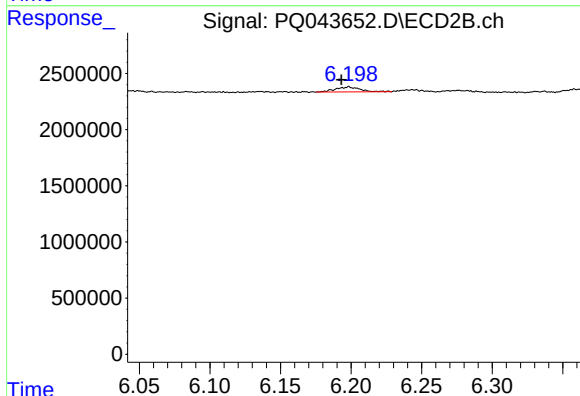
R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 608516
Conc: 54.45 ng/ml



#15 AR-1232-5

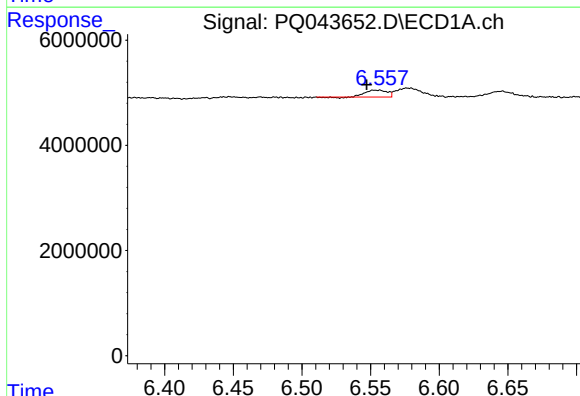
R.T.: 6.849 min
Delta R.T.: 0.006 min
Response: 1512786
Conc: 60.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



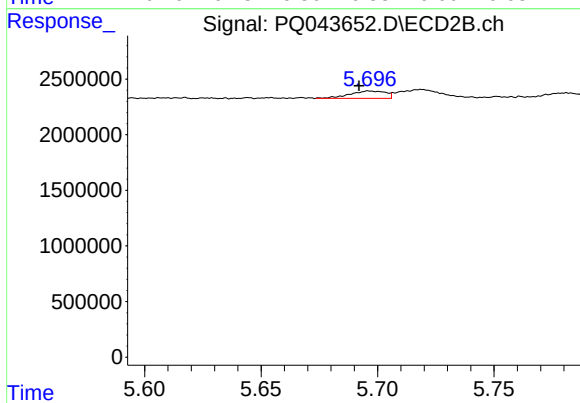
#15 AR-1232-5

R.T.: 6.199 min
Delta R.T.: 0.005 min
Response: 546391
Conc: 40.50 ng/ml



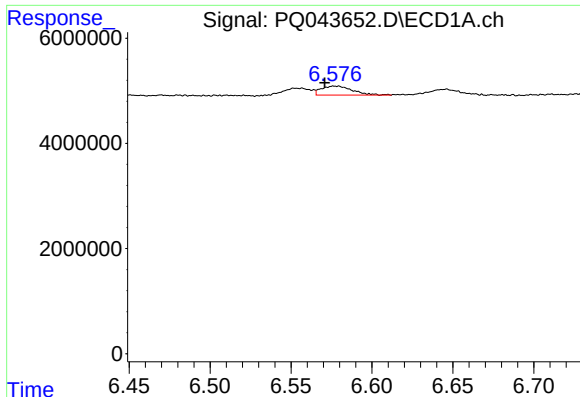
#16 AR-1242-1

R.T.: 6.555 min
Delta R.T.: 0.007 min
Response: 1389392
Conc: 16.61 ng/ml



#16 AR-1242-1

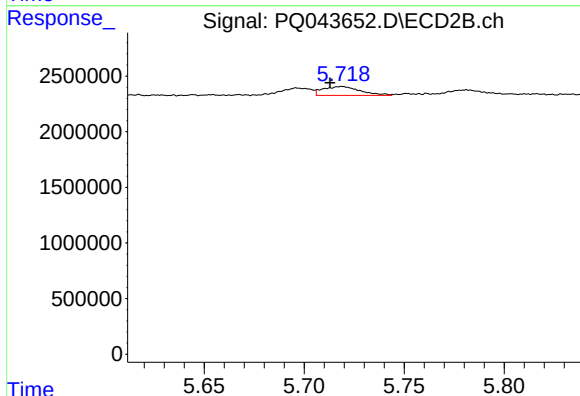
R.T.: 5.697 min
Delta R.T.: 0.005 min
Response: 703462
Conc: 21.47 ng/ml



#17 AR-1242-2

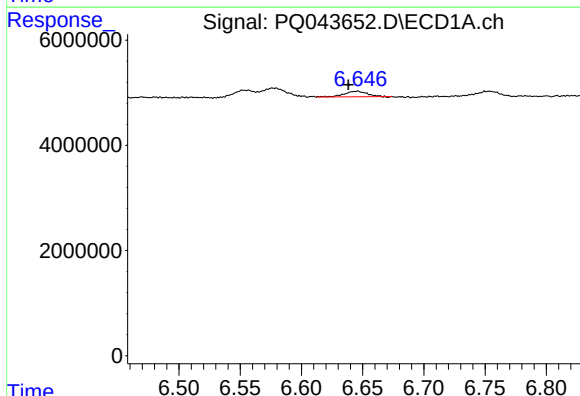
R.T.: 6.577 min
Delta R.T.: 0.007 min
Response: 2283703
Conc: 18.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



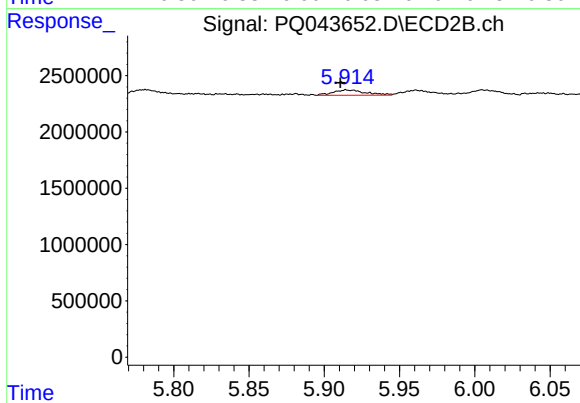
#17 AR-1242-2

R.T.: 5.719 min
Delta R.T.: 0.006 min
Response: 1036760
Conc: 22.78 ng/ml



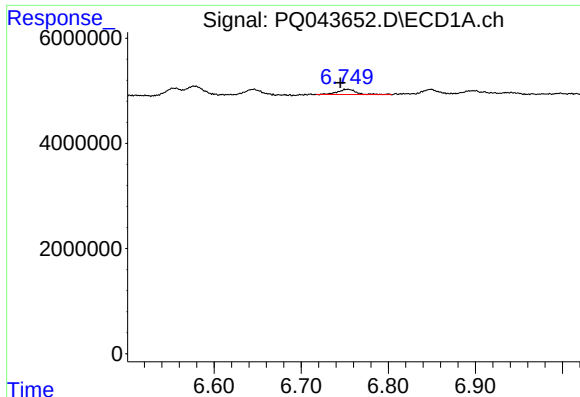
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: 0.007 min
Response: 1351228
Conc: 18.38 ng/ml



#18 AR-1242-3

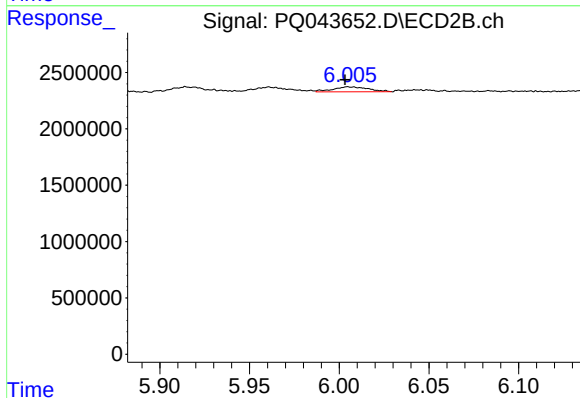
R.T.: 5.915 min
Delta R.T.: 0.004 min
Response: 697593
Conc: 28.78 ng/ml



#19 AR-1242-4

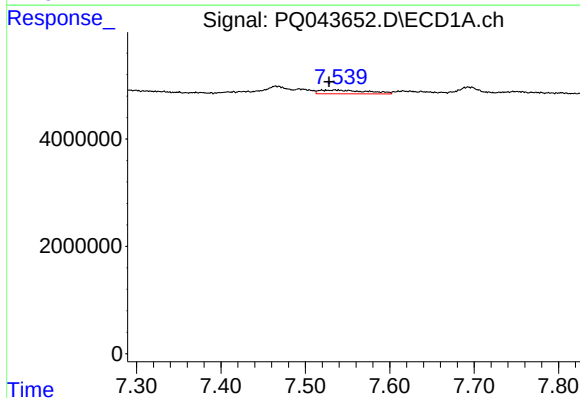
R.T.: 6.753 min
Delta R.T.: 0.008 min
Response: 1496677
Conc: 23.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



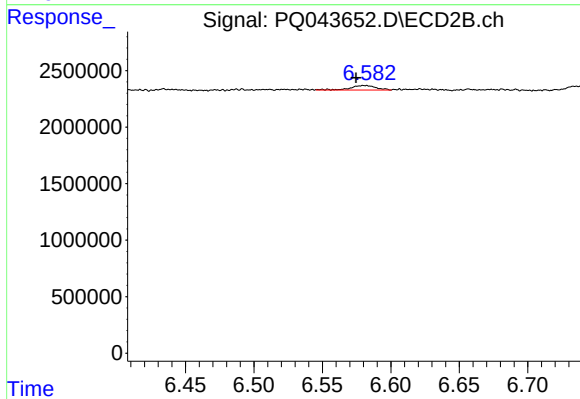
#19 AR-1242-4

R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 608516
Conc: 25.00 ng/ml



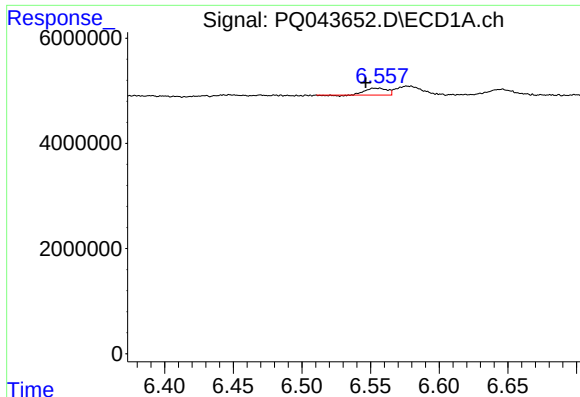
#20 AR-1242-5

R.T.: 7.536 min
Delta R.T.: 0.007 min
Response: 2757625
Conc: 30.13 ng/ml



#20 AR-1242-5

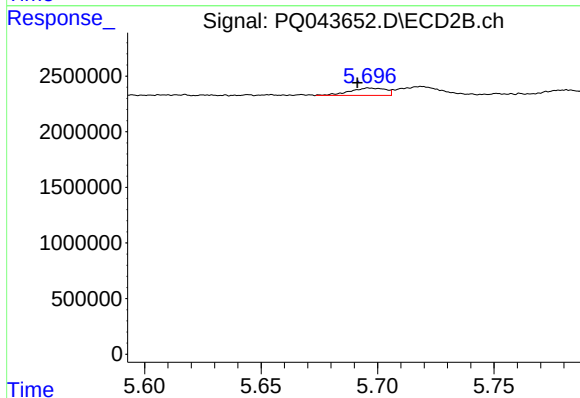
R.T.: 6.581 min
Delta R.T.: 0.006 min
Response: 521989
Conc: 14.88 ng/ml



#21 AR-1248-1

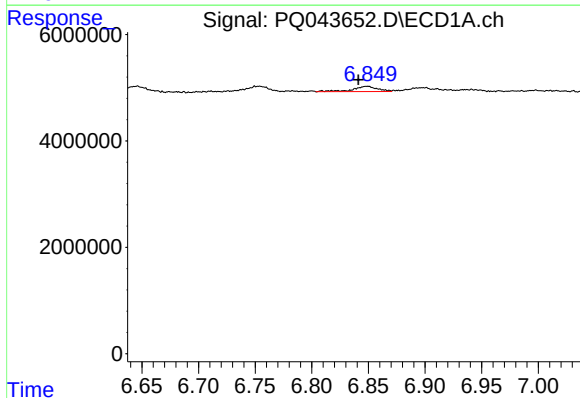
R.T.: 6.555 min
Delta R.T.: 0.008 min
Response: 1389392
Conc: 19.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



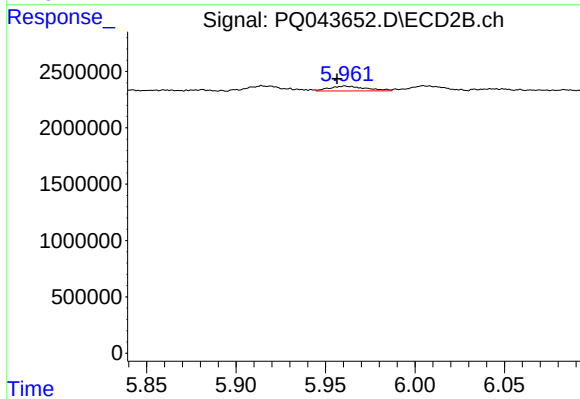
#21 AR-1248-1

R.T.: 5.697 min
Delta R.T.: 0.005 min
Response: 703462
Conc: 25.49 ng/ml



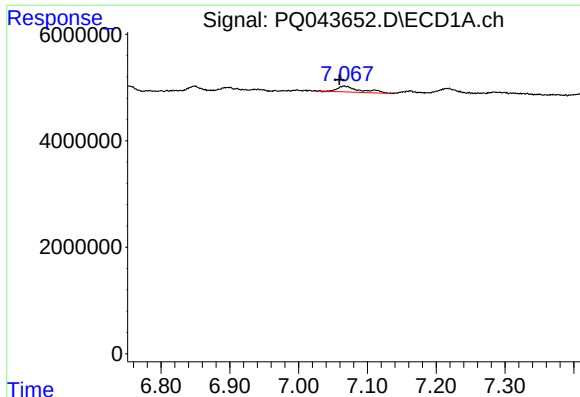
#22 AR-1248-2

R.T.: 6.849 min
Delta R.T.: 0.007 min
Response: 1512786
Conc: 14.89 ng/ml



#22 AR-1248-2

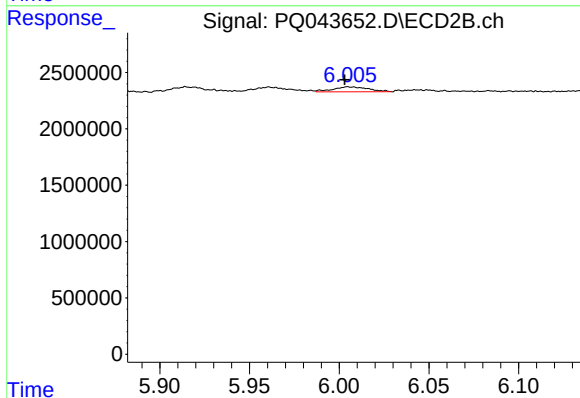
R.T.: 5.961 min
Delta R.T.: 0.004 min
Response: 609128
Conc: 16.18 ng/ml



#23 AR-1248-3

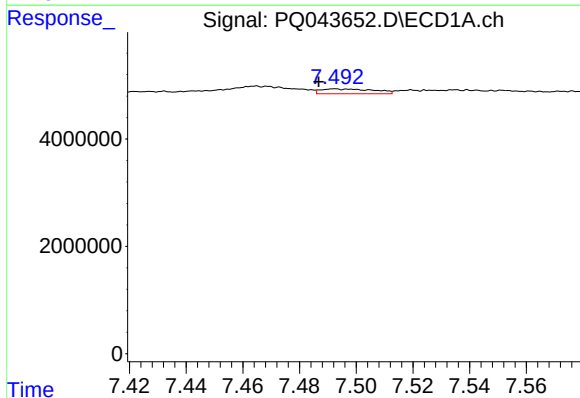
R.T.: 7.067 min
Delta R.T.: 0.007 min
Response: 2481869
Conc: 20.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



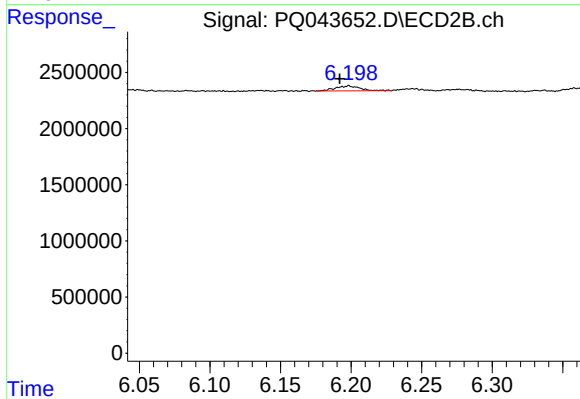
#23 AR-1248-3

R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 608516
Conc: 15.82 ng/ml



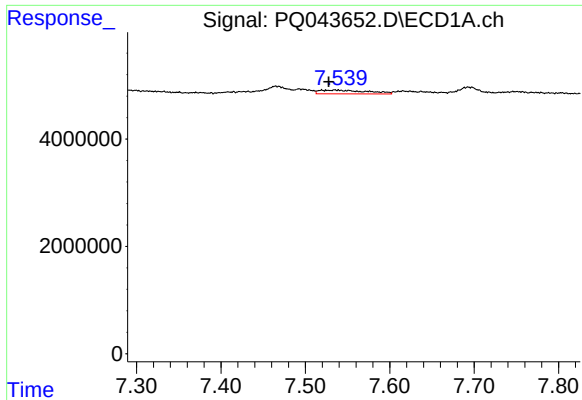
#24 AR-1248-4

R.T.: 7.494 min
Delta R.T.: 0.007 min
Response: 1177083
Conc: 7.36 ng/ml



#24 AR-1248-4

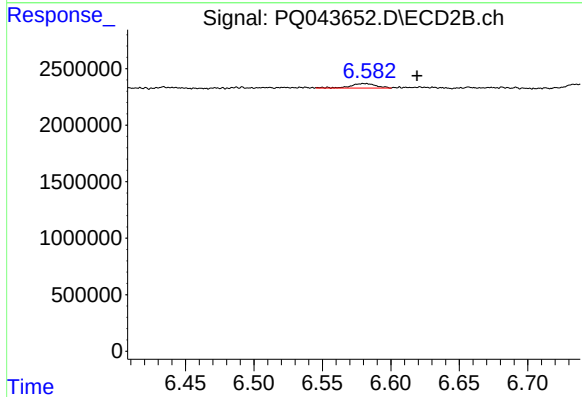
R.T.: 6.199 min
Delta R.T.: 0.006 min
Response: 546391
Conc: 11.61 ng/ml



#25 AR-1248-5

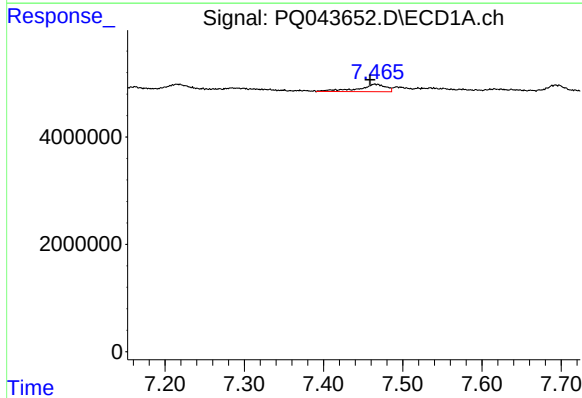
R.T.: 7.536 min
Delta R.T.: 0.008 min
Response: 2757625
Conc: 17.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



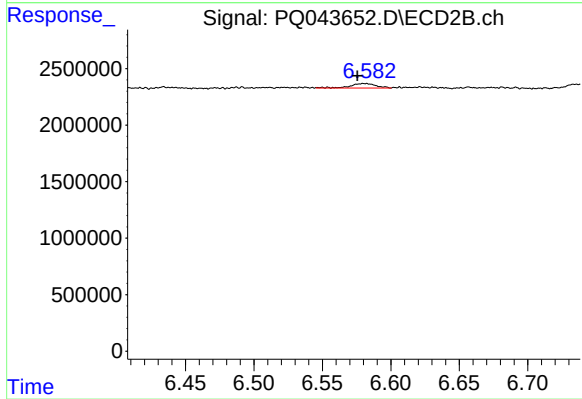
#25 AR-1248-5

R.T.: 6.581 min
Delta R.T.: -0.038 min
Response: 521989
Conc: 9.91 ng/ml



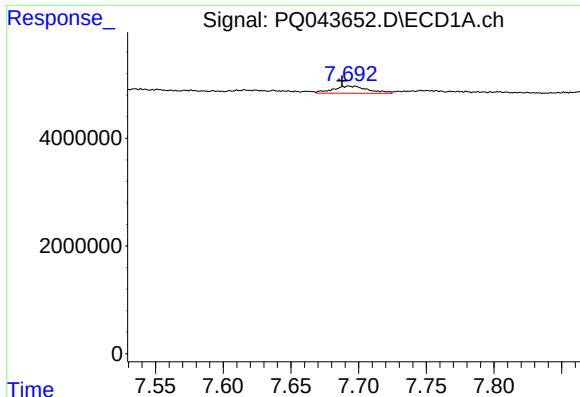
#26 AR-1254-1

R.T.: 7.466 min
Delta R.T.: 0.007 min
Response: 3344364
Conc: 23.79 ng/ml



#26 AR-1254-1

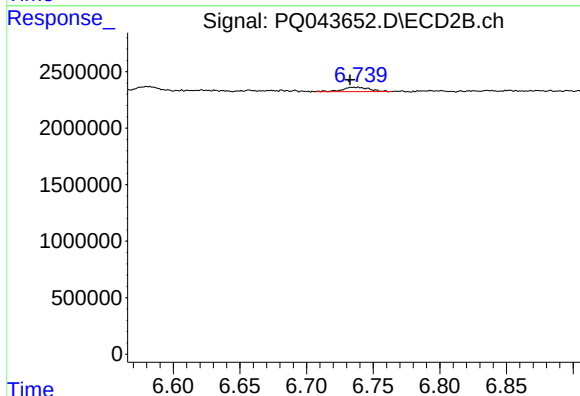
R.T.: 6.581 min
Delta R.T.: 0.005 min
Response: 521989
Conc: 7.19 ng/ml



#27 AR-1254-2

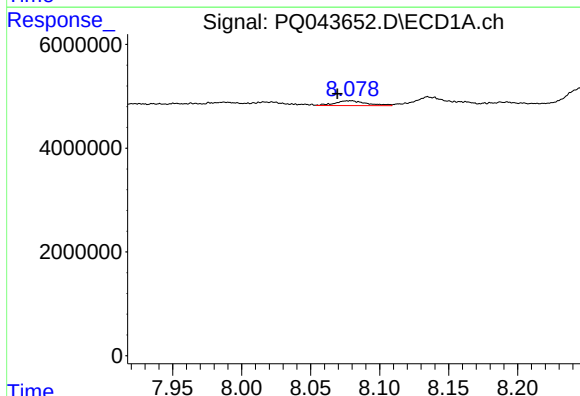
R.T.: 7.694 min
Delta R.T.: 0.006 min
Response: 2390743
Conc: 10.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



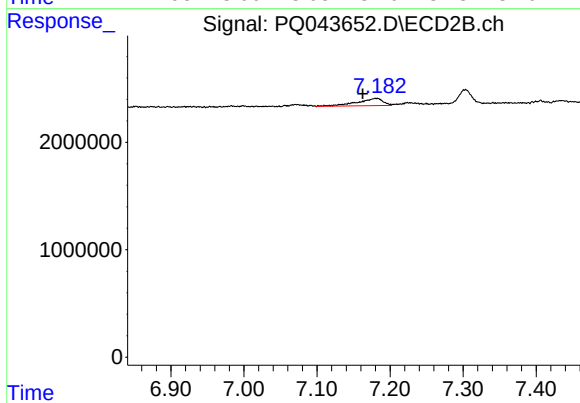
#27 AR-1254-2

R.T.: 6.738 min
Delta R.T.: 0.005 min
Response: 535193
Conc: 8.14 ng/ml



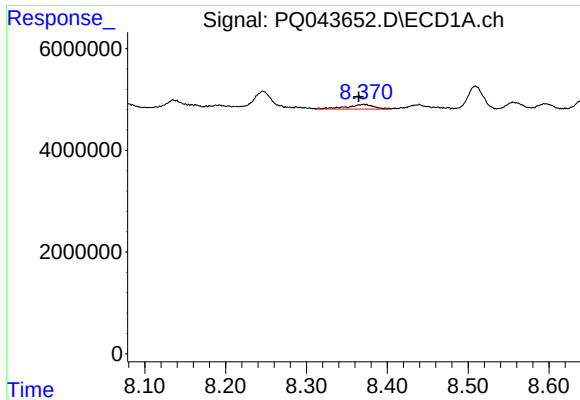
#28 AR-1254-3

R.T.: 8.078 min
Delta R.T.: 0.009 min
Response: 1478582
Conc: 5.16 ng/ml



#28 AR-1254-3

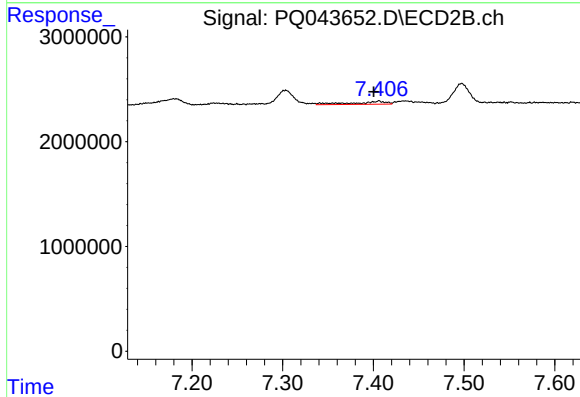
R.T.: 7.181 min
Delta R.T.: 0.019 min
Response: 1660234
Conc: 13.99 ng/ml



#29 AR-1254-4

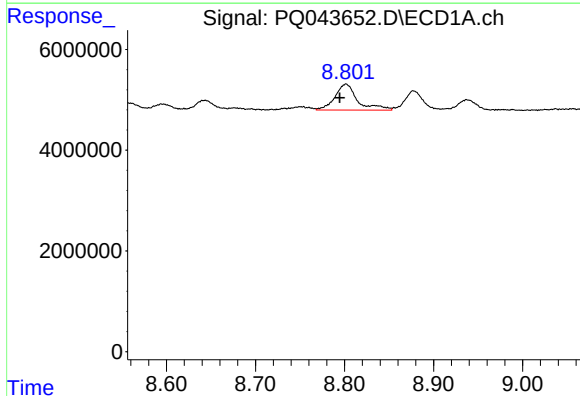
R.T.: 8.371 min
Delta R.T.: 0.006 min
Response: 2210336
Conc: 9.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



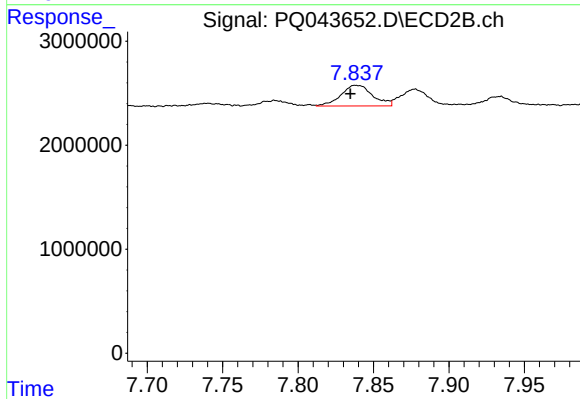
#29 AR-1254-4

R.T.: 7.406 min
Delta R.T.: 0.006 min
Response: 693402
Conc: 8.09 ng/ml



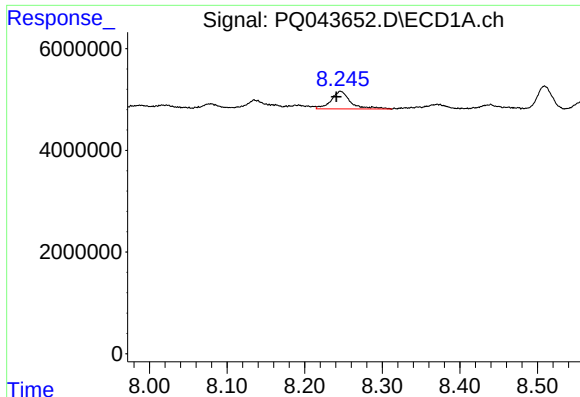
#30 AR-1254-5

R.T.: 8.802 min
Delta R.T.: 0.007 min
Response: 9162250
Conc: 28.94 ng/ml



#30 AR-1254-5

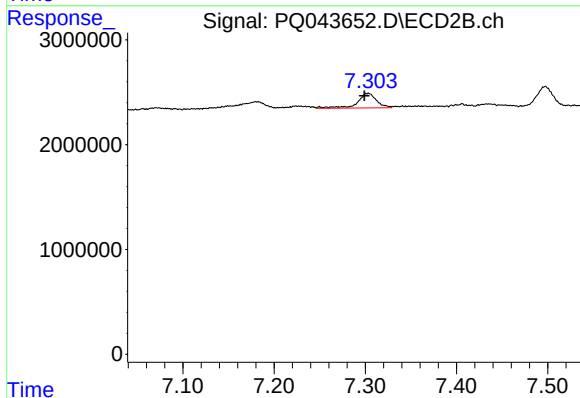
R.T.: 7.839 min
Delta R.T.: 0.004 min
Response: 2898106
Conc: 23.55 ng/ml



#31 AR-1260-1

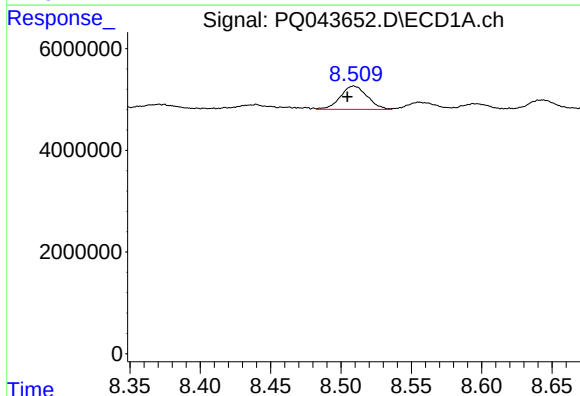
R.T.: 8.246 min
Delta R.T.: 0.006 min
Response: 6102891
Conc: 32.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



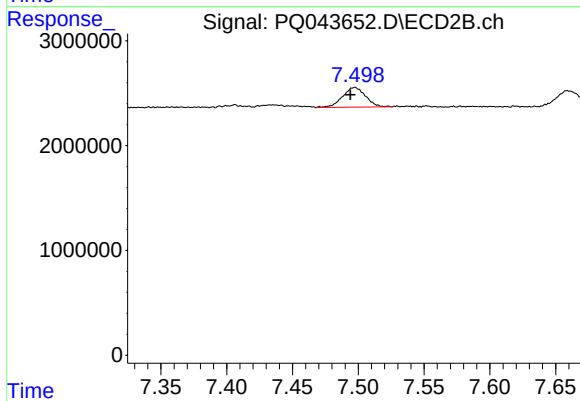
#31 AR-1260-1

R.T.: 7.303 min
Delta R.T.: 0.004 min
Response: 2043380
Conc: 29.22 ng/ml



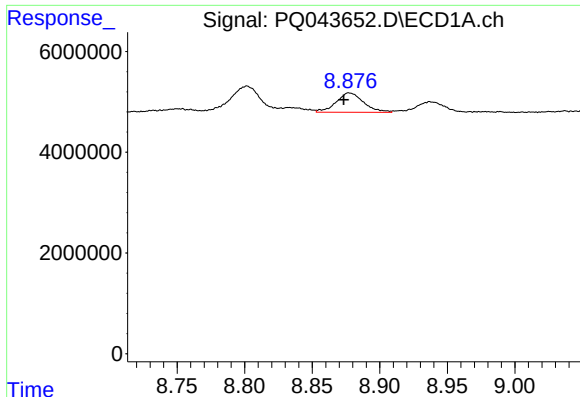
#32 AR-1260-2

R.T.: 8.509 min
Delta R.T.: 0.005 min
Response: 6081569
Conc: 24.88 ng/ml



#32 AR-1260-2

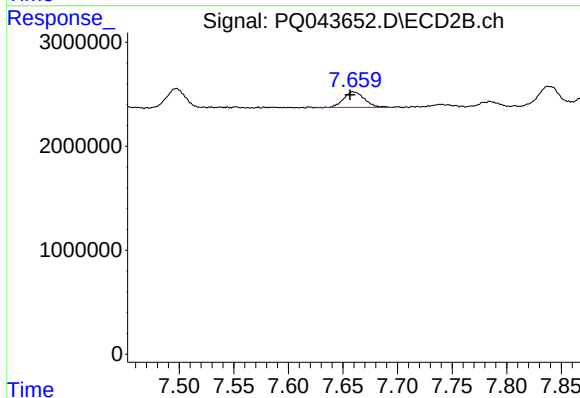
R.T.: 7.497 min
Delta R.T.: 0.003 min
Response: 2314210
Conc: 25.68 ng/ml



#33 AR-1260-3

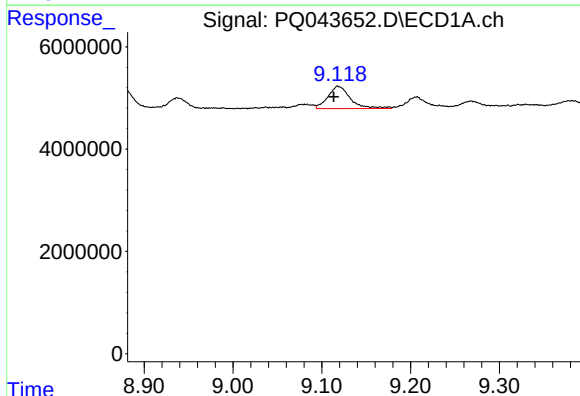
R.T.: 8.878 min
Delta R.T.: 0.004 min
Response: 5432125
Conc: 27.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



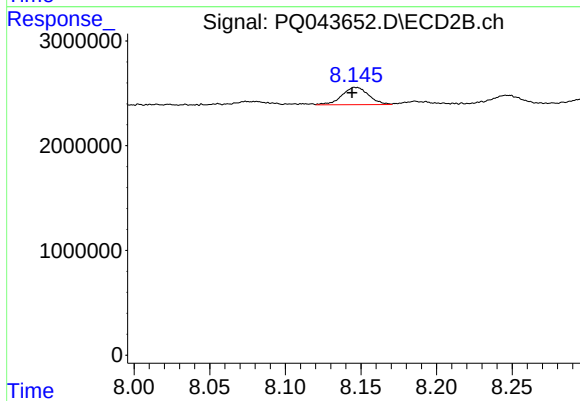
#33 AR-1260-3

R.T.: 7.659 min
Delta R.T.: 0.003 min
Response: 1978137
Conc: 22.92 ng/ml



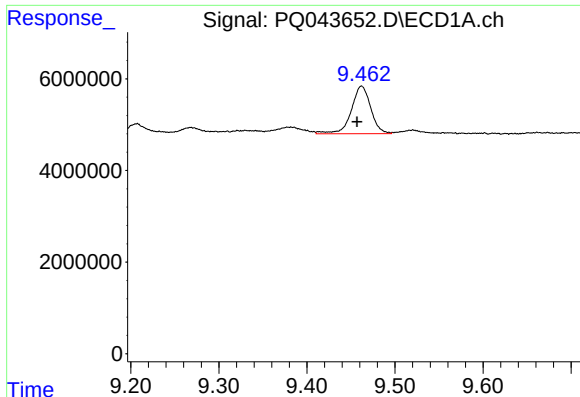
#34 AR-1260-4

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 7666868
Conc: 30.52 ng/ml



#34 AR-1260-4

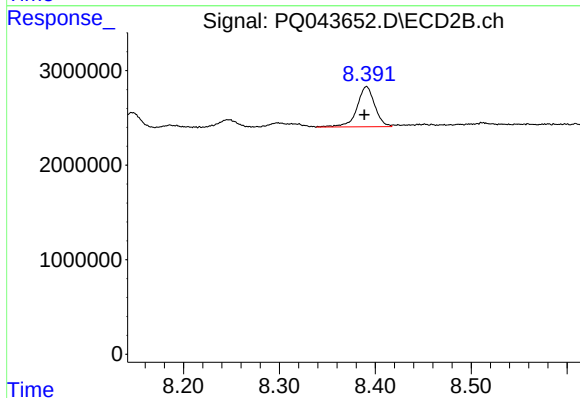
R.T.: 8.147 min
Delta R.T.: 0.003 min
Response: 2038846
Conc: 26.18 ng/ml



#35 AR-1260-5

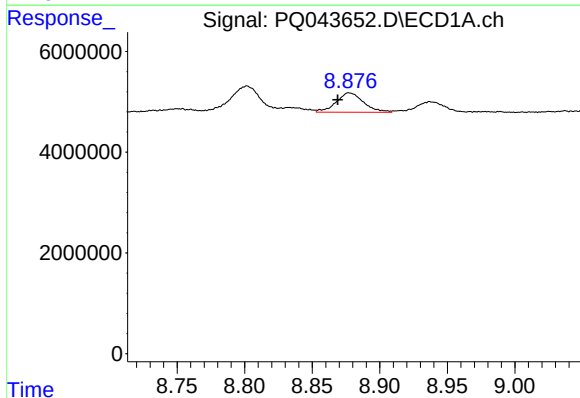
R.T.: 9.462 min
Delta R.T.: 0.005 min
Response: 16007795
Conc: 28.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



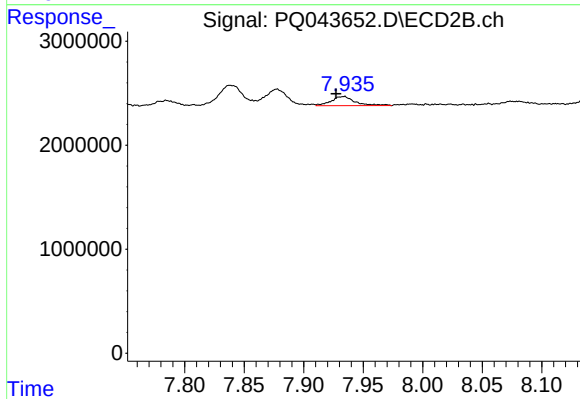
#35 AR-1260-5

R.T.: 8.391 min
Delta R.T.: 0.002 min
Response: 5477357
Conc: 25.95 ng/ml



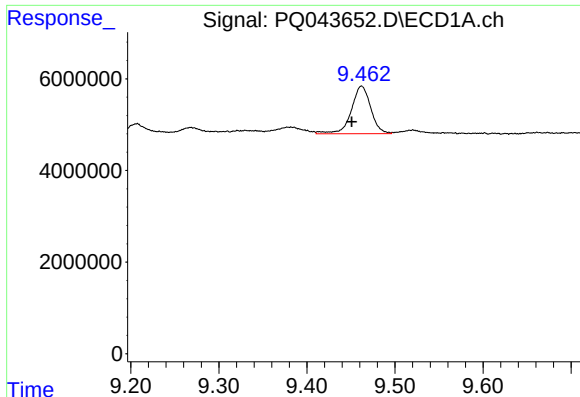
#36 AR-1262-1

R.T.: 8.878 min
Delta R.T.: 0.009 min
Response: 5432125
Conc: 16.64 ng/ml



#36 AR-1262-1

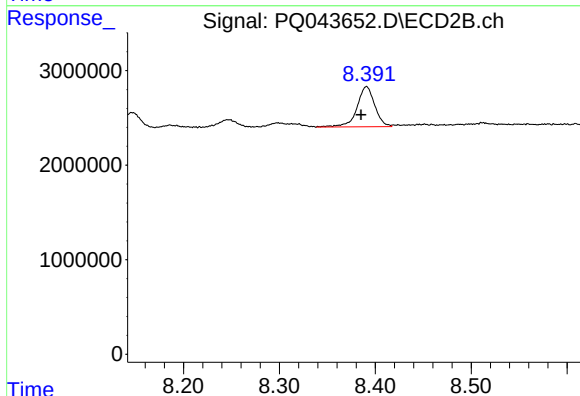
R.T.: 7.934 min
Delta R.T.: 0.007 min
Response: 1236924
Conc: 24.83 ng/ml



#37 AR-1262-2

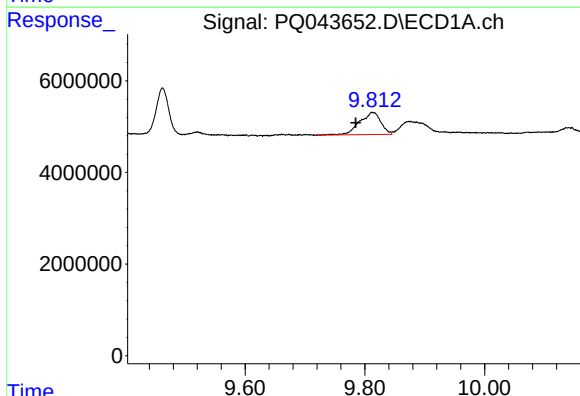
R.T.: 9.462 min
Delta R.T.: 0.011 min
Response: 16007795
Conc: 21.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



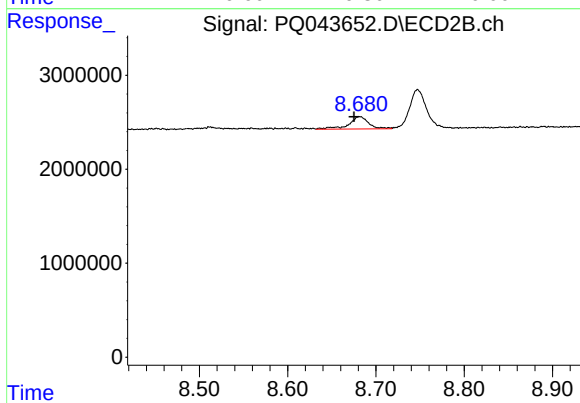
#37 AR-1262-2

R.T.: 8.391 min
Delta R.T.: 0.006 min
Response: 5477357
Conc: 20.90 ng/ml



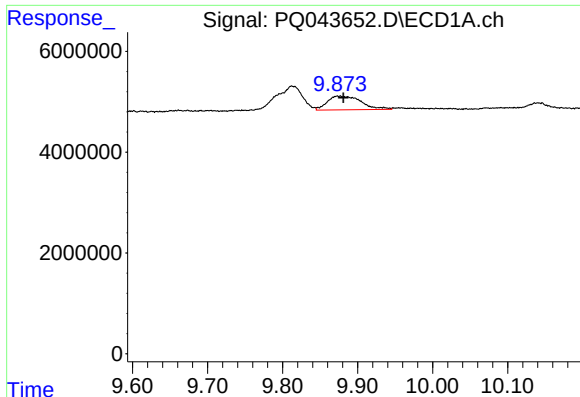
#38 AR-1262-3

R.T.: 9.813 min
Delta R.T.: 0.029 min
Response: 11906689
Conc: 22.28 ng/ml



#38 AR-1262-3

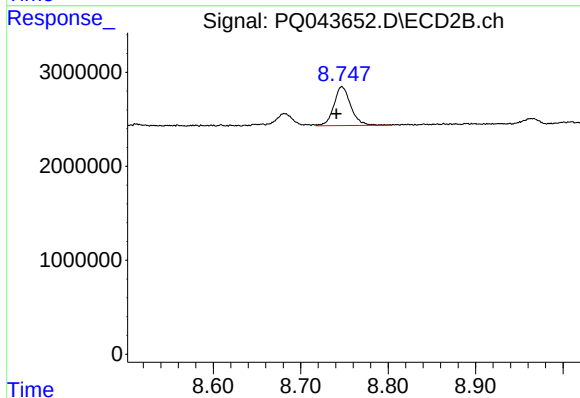
R.T.: 8.681 min
Delta R.T.: 0.006 min
Response: 2043129
Conc: 16.53 ng/ml



#39 AR-1262-4

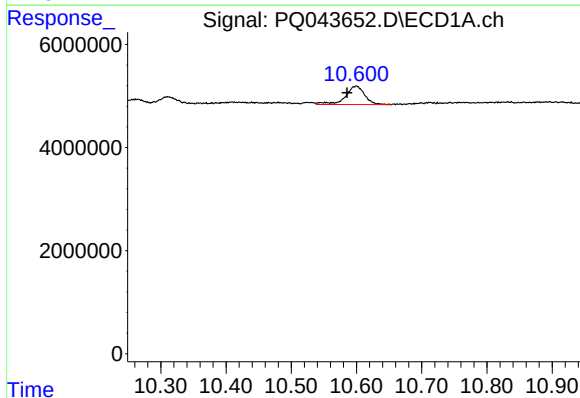
R.T.: 9.875 min
Delta R.T.: -0.007 min
Response: 8580770
Conc: 21.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



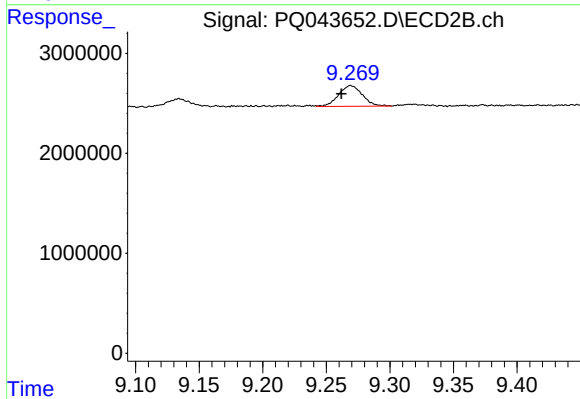
#39 AR-1262-4

R.T.: 8.747 min
Delta R.T.: 0.006 min
Response: 5530735
Conc: 22.89 ng/ml



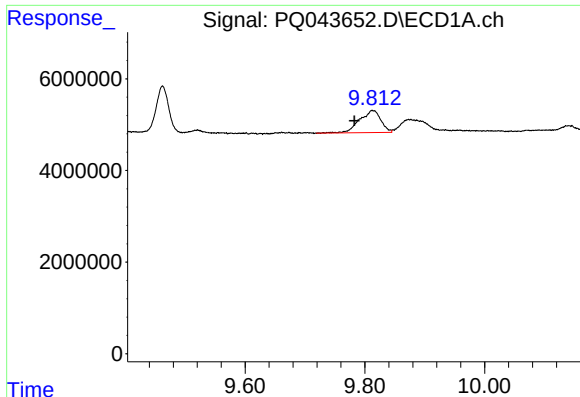
#40 AR-1262-5

R.T.: 10.599 min
Delta R.T.: 0.014 min
Response: 7378927
Conc: 20.89 ng/ml



#40 AR-1262-5

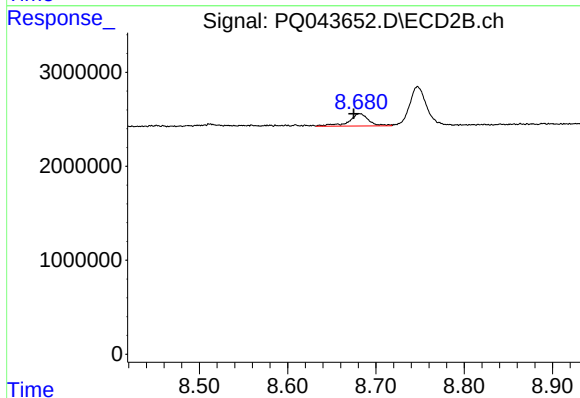
R.T.: 9.269 min
Delta R.T.: 0.008 min
Response: 2704455
Conc: 17.98 ng/ml



#41 AR-1268-1

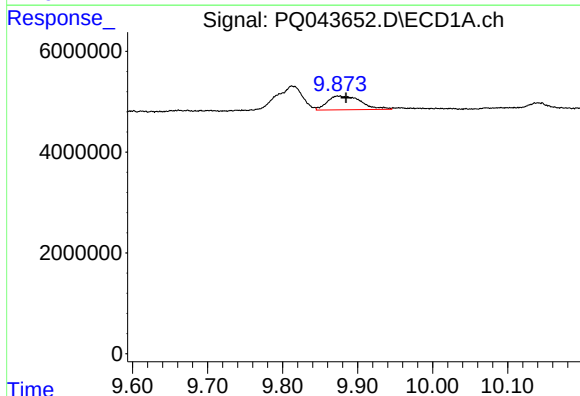
R.T.: 9.813 min
Delta R.T.: 0.031 min
Response: 11906689
Conc: 13.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



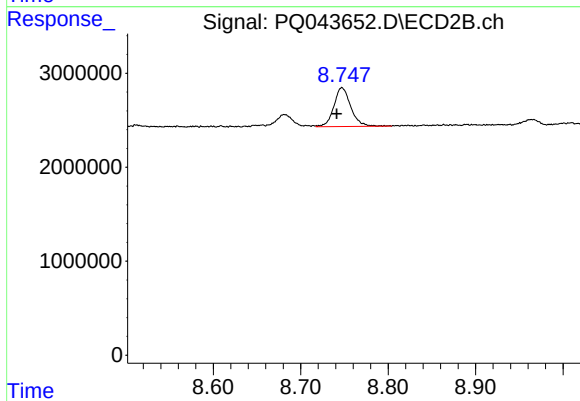
#41 AR-1268-1

R.T.: 8.681 min
Delta R.T.: 0.006 min
Response: 2043129
Conc: 6.14 ng/ml



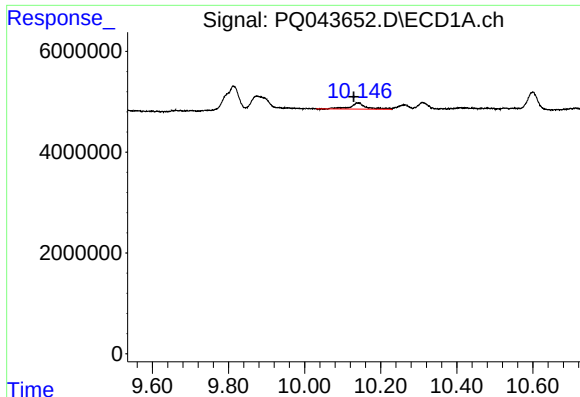
#42 AR-1268-2

R.T.: 9.875 min
Delta R.T.: -0.010 min
Response: 8580770
Conc: 10.33 ng/ml



#42 AR-1268-2

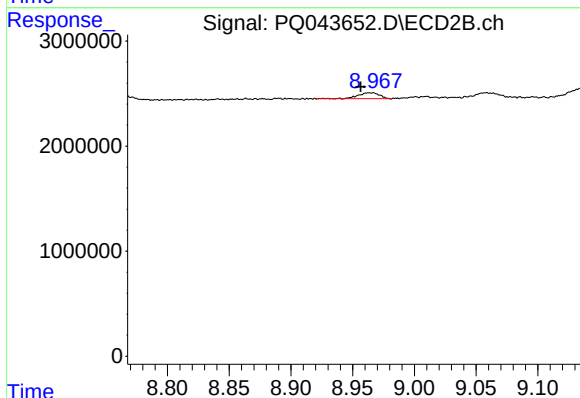
R.T.: 8.747 min
Delta R.T.: 0.006 min
Response: 5530735
Conc: 17.13 ng/ml



#43 AR-1268-3

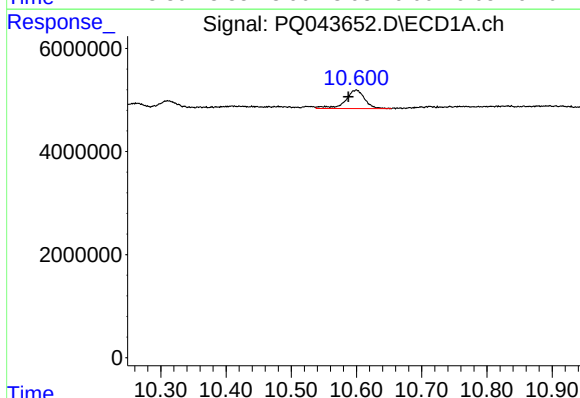
R.T.: 10.141 min
Delta R.T.: 0.011 min
Response: 3617034
Conc: 5.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



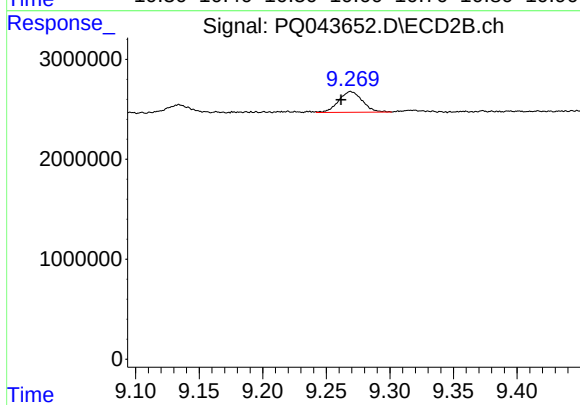
#43 AR-1268-3

R.T.: 8.965 min
Delta R.T.: 0.008 min
Response: 673658
Conc: 2.36 ng/ml



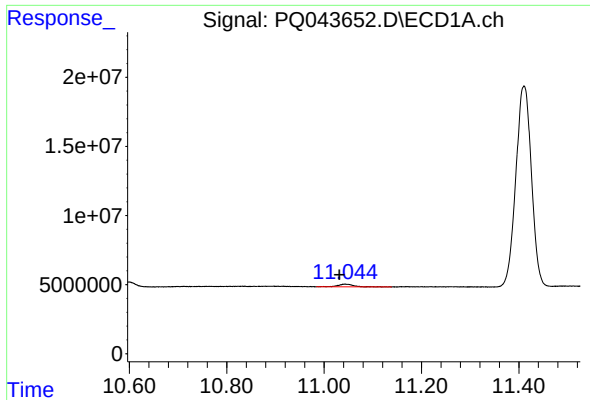
#44 AR-1268-4

R.T.: 10.599 min
Delta R.T.: 0.012 min
Response: 7378927
Conc: 19.16 ng/ml



#44 AR-1268-4

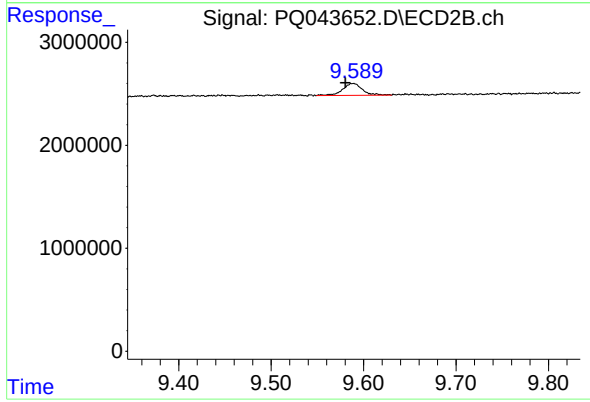
R.T.: 9.269 min
Delta R.T.: 0.008 min
Response: 2704455
Conc: 16.78 ng/ml



#45 AR-1268-5

R.T.: 11.043 min
Delta R.T.: 0.012 min
Response: 4530831
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.589 min
Delta R.T.: 0.008 min
Response: 1710767
Conc: 1.39 ng/ml