

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 14:37
 Operator : YP\AJ
 Sample : 04624-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 22:31:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 2023
 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...	3.462	2.781	118.0E6	97276846	22.490	24.071
2)	SA Decachlor...	8.696	7.582	97432504	94849694	26.370	25.653
Target Compounds							
3)	L1 AR-1016-1	4.599	0.000	6736680	0	40.787	N.D. #
4)	L1 AR-1016-2	4.599	0.000	6736680	0	26.738	N.D. #
5)	L1 AR-1016-3	4.657	0.000	9367401	0	59.785	N.D. #
6)	L1 AR-1016-4	4.761	0.000	5335754	0	41.629	N.D. #
7)	L1 AR-1016-5	5.037	0.000	1191540	0	9.451	N.D. #
8)	L2 AR-1221-1	3.645	3.052f	694912	1140323	11.085	23.551 #
9)	L2 AR-1221-2	3.744	3.052	1890028	1140323	45.785	34.218 #
12)	L3 AR-1232-2	4.327	0.000	1528897	0	25.870	N.D. #
13)	L3 AR-1232-3	4.599	0.000	6736680	0	59.135	N.D. #
14)	L3 AR-1232-4	4.761	0.000	5335754	0	92.293	N.D. #
15)	L3 AR-1232-5	4.848	0.000	2115134	0	52.250	N.D. #
16)	L4 AR-1242-1	4.599	0.000	6736680	0	48.378	N.D. #
17)	L4 AR-1242-2	4.599	0.000	6736680	0	31.426	N.D. #
18)	L4 AR-1242-3	4.657	0.000	9367401	0	70.462	N.D. #
19)	L4 AR-1242-4	4.761	0.000	5335754	0	48.930	N.D. #
20)	L4 AR-1242-5	5.476	4.552	2204365	392375	19.006	3.683 #
21)	L5 AR-1248-1	4.599	0.000	6736680	0	63.120	N.D. #
22)	L5 AR-1248-2	4.848	0.000	2115134	0	13.817	N.D. #
23)	L5 AR-1248-3	5.037	0.000	1191540	0	6.485	N.D. #
24)	L5 AR-1248-4	5.446	0.000	1825871	0	8.985	N.D. #
25)	L5 AR-1248-5	5.476	4.552f	2204365	392375	10.992	2.585 #
26)	L6 AR-1254-1	5.403	4.552	3449977	392375	17.241	1.778 #
27)	L6 AR-1254-2	5.628	0.000	1904450	0	6.083	N.D. #
28)	L6 AR-1254-3	5.980	0.000	411981	0	1.269	N.D. #
29)	L6 AR-1254-4	0.000	5.363f	0	543832	N.D.	2.790 #
30)	L6 AR-1254-5	0.000	5.710	0	771296	N.D.	2.792 #
32)	L7 AR-1260-2	6.347f	5.363f	1459549	543832	4.892	2.144 #
34)	L7 AR-1260-4	6.985	6.007	2551828	13107455	10.377	64.685 #
35)	L7 AR-1260-5	7.300	6.259	305454	5663583	0.641	12.210 #
36)	L8 AR-1262-1	0.000	5.710f	0	771296	N.D.	2.677 #
37)	L8 AR-1262-2	7.300	6.259	305454	5663583	0.560	10.930 #
38)	L8 AR-1262-3	0.000	6.543	0	1293156	N.D.	6.027 #
39)	L8 AR-1262-4	0.000	6.543f	0	1293156	N.D.	3.308 #
40)	L8 AR-1262-5	8.163	0.000	1160977	0	6.274	N.D. #
41)	L9 AR-1268-1	0.000	6.543	0	1293156	N.D.	2.143 #
42)	L9 AR-1268-2	0.000	6.543f	0	1293156	N.D.	2.383 #
44)	L9 AR-1268-4	8.163	0.000	1160977	0	5.729	N.D. #
45)	L9 AR-1268-5	8.454	0.000	1054549	0	0.735	N.D. #

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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
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Quant Time: Oct 02 22:31:30 2023
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Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 26 06:41:31 2023
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
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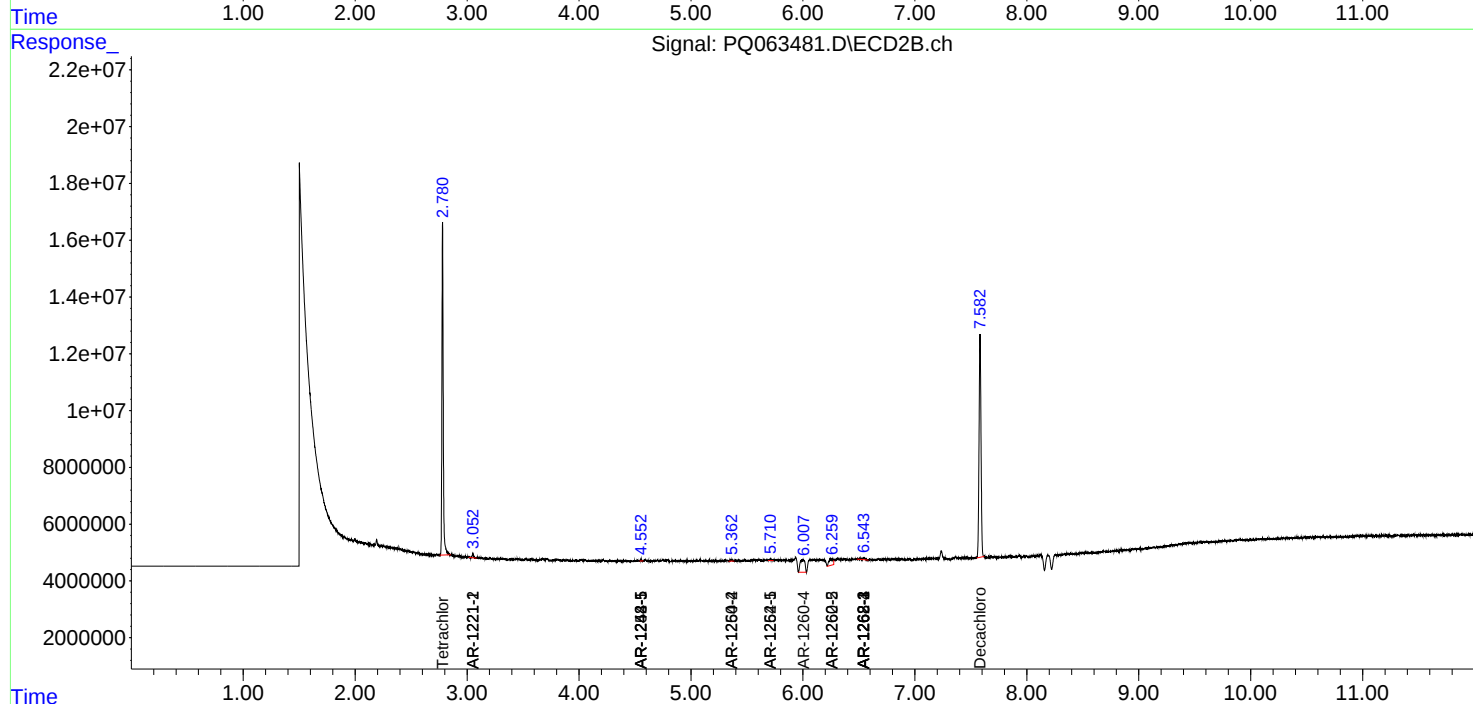
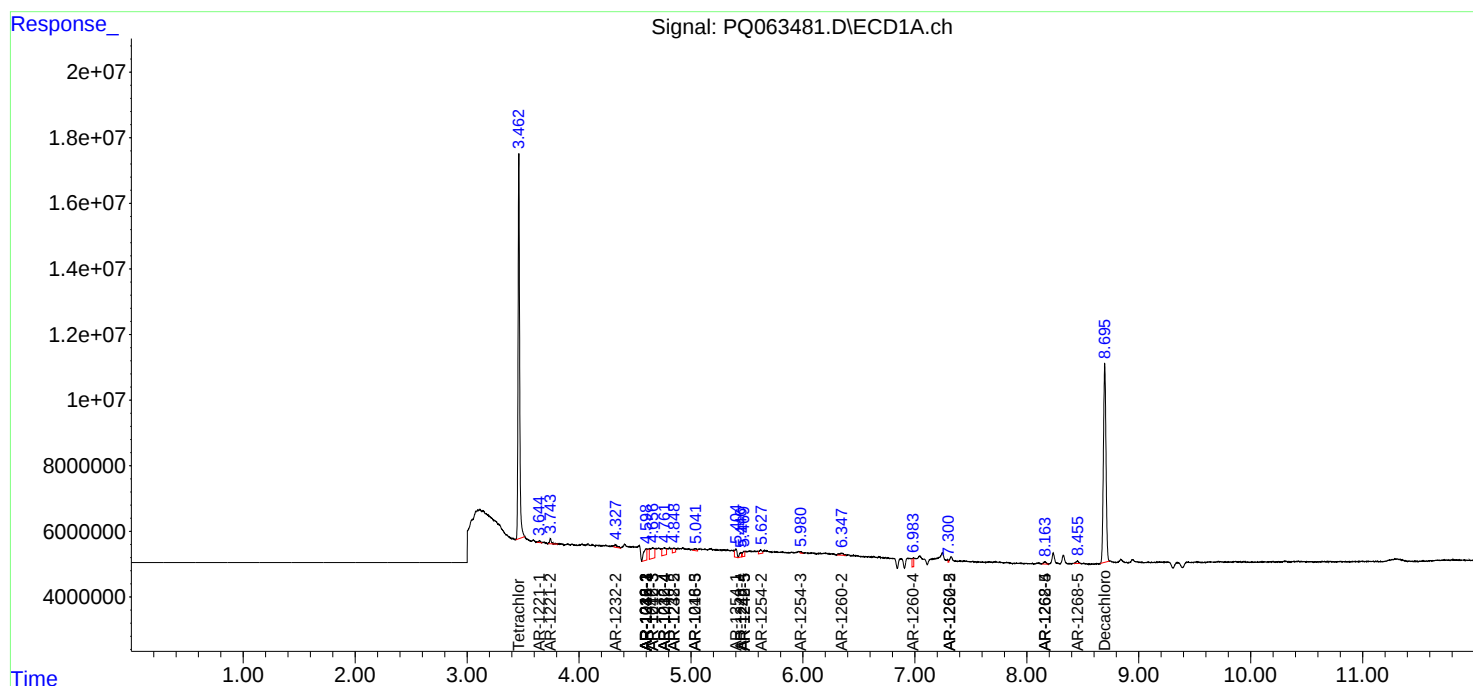
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

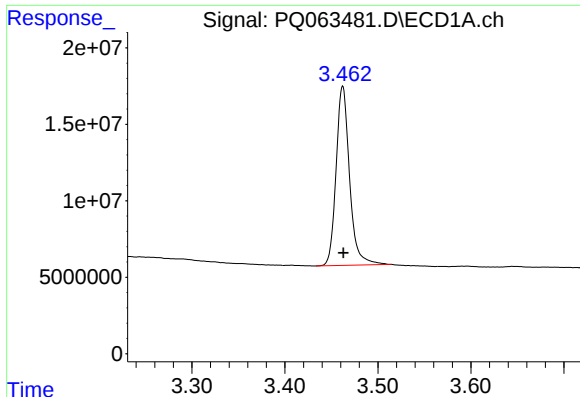
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

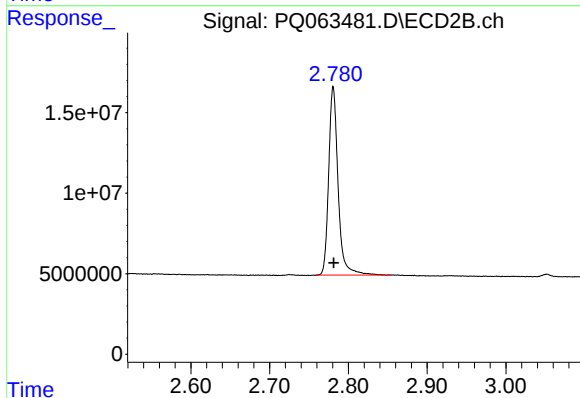




#1 Tetrachloro-m-xylene

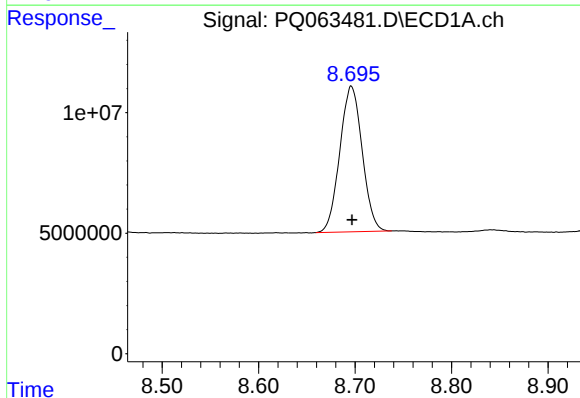
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 117997867
Conc: 22.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



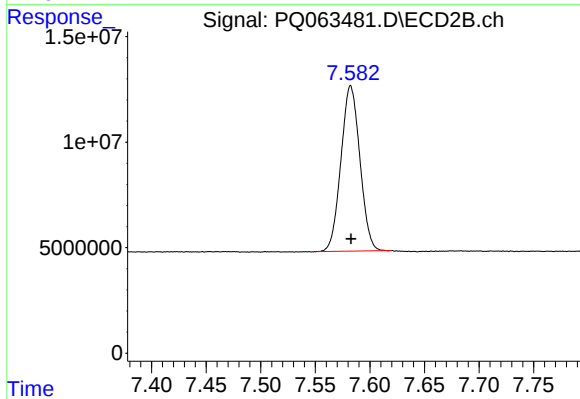
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 97276846
Conc: 24.07 ng/ml



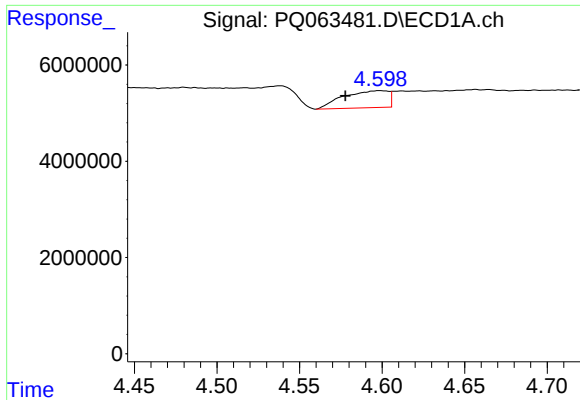
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 97432504
Conc: 26.37 ng/ml



#2 Decachlorobiphenyl

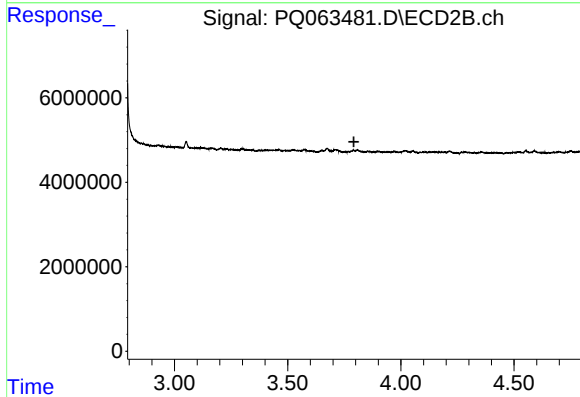
R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 94849694
Conc: 25.65 ng/ml



#3 AR-1016-1

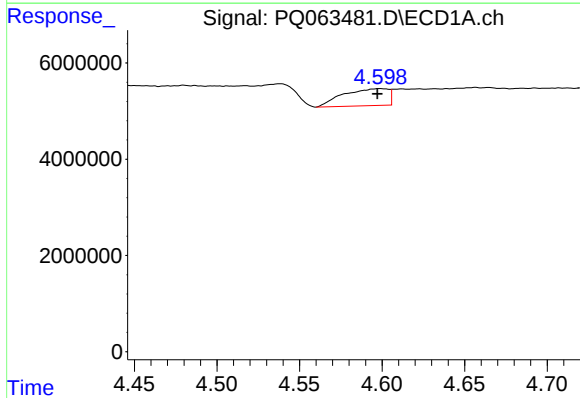
R.T.: 4.599 min
Delta R.T.: 0.021 min
Response: 6736680
Conc: 40.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



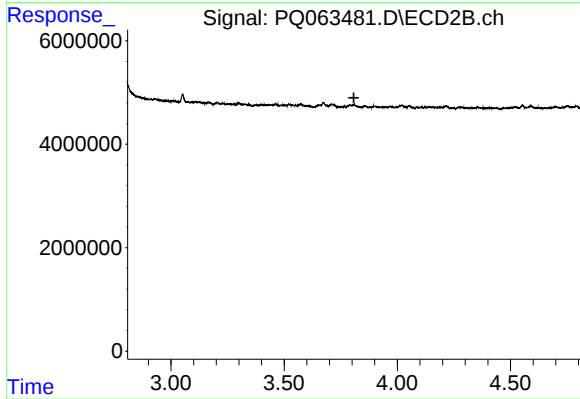
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.792 min
Response: 0
Conc: N.D.



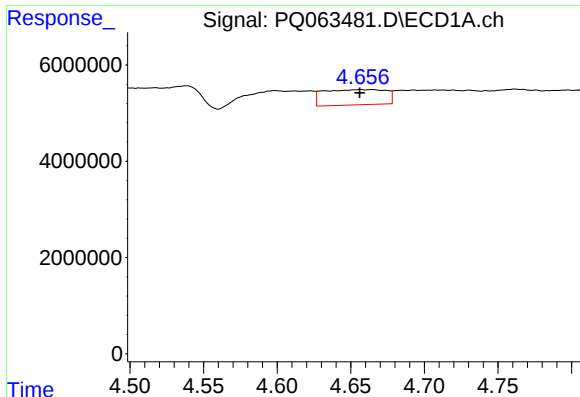
#4 AR-1016-2

R.T.: 4.599 min
Delta R.T.: 0.001 min
Response: 6736680
Conc: 26.74 ng/ml



#4 AR-1016-2

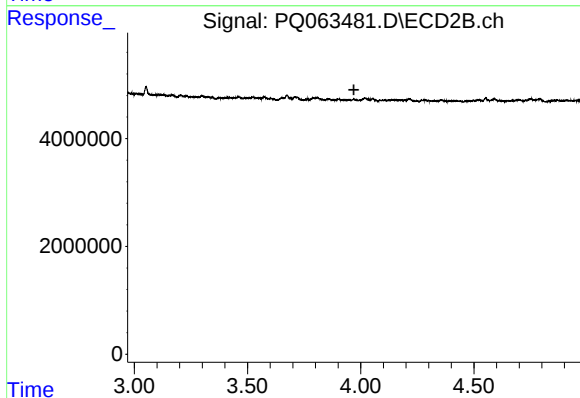
R.T.: 0.000 min
Exp R.T. : 3.808 min
Response: 0
Conc: N.D.



#5 AR-1016-3

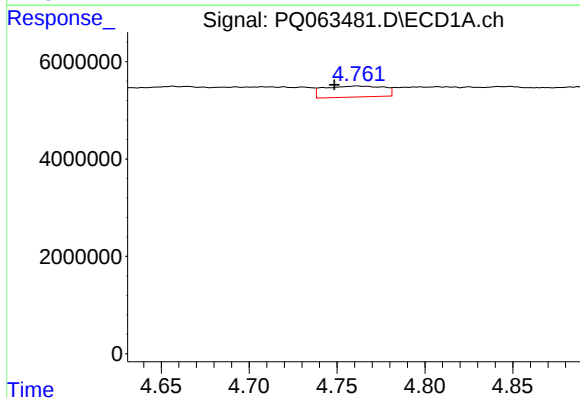
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 9367401
Conc: 59.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



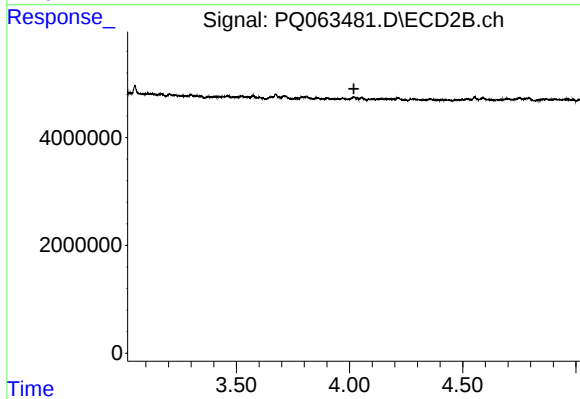
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 3.970 min
Response: 0
Conc: N.D.



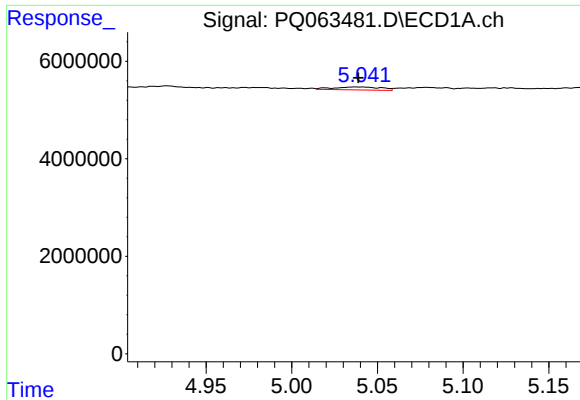
#6 AR-1016-4

R.T.: 4.761 min
Delta R.T.: 0.013 min
Response: 5335754
Conc: 41.63 ng/ml



#6 AR-1016-4

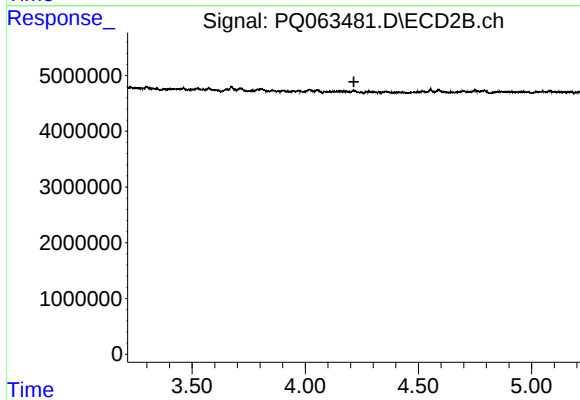
R.T.: 0.000 min
Exp R.T. : 4.019 min
Response: 0
Conc: N.D.



#7 AR-1016-5

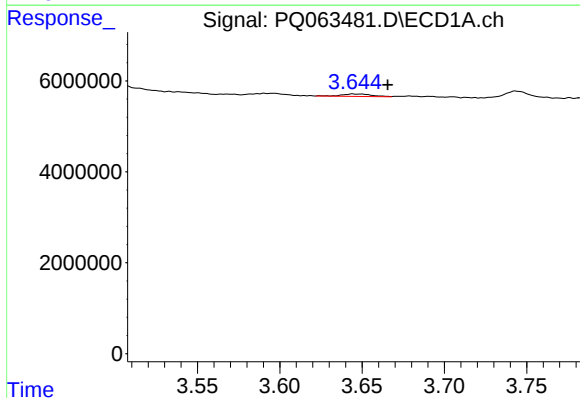
R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 1191540
Conc: 9.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



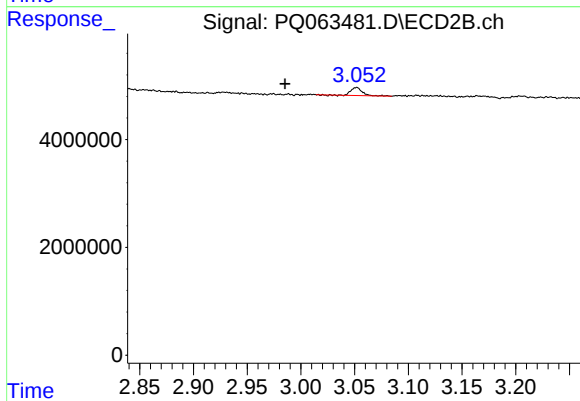
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.215 min
Response: 0
Conc: N.D.



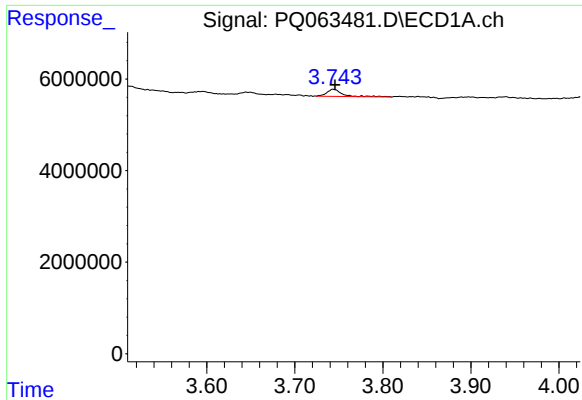
#8 AR-1221-1

R.T.: 3.645 min
Delta R.T.: -0.021 min
Response: 694912
Conc: 11.08 ng/ml



#8 AR-1221-1

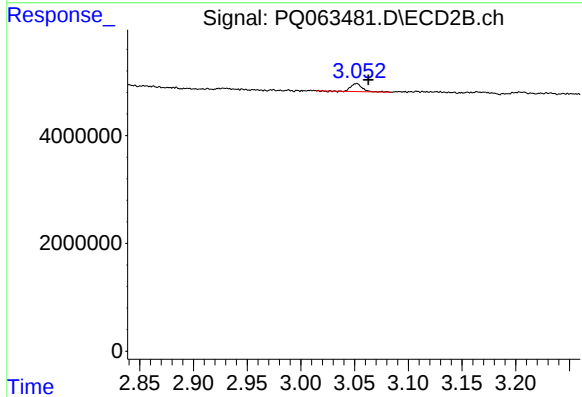
R.T.: 3.052 min
Delta R.T.: 0.067 min
Response: 1140323
Conc: 23.55 ng/ml



#9 AR-1221-2

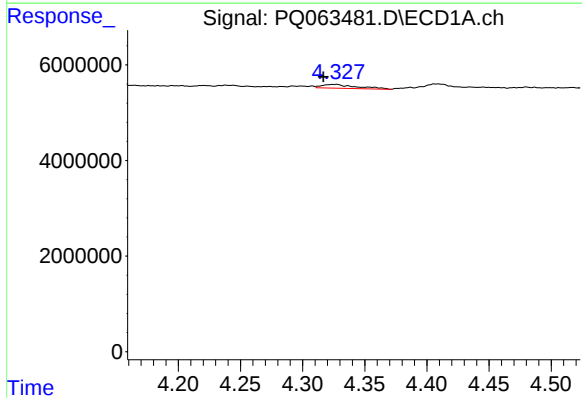
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 1890028
Conc: 45.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



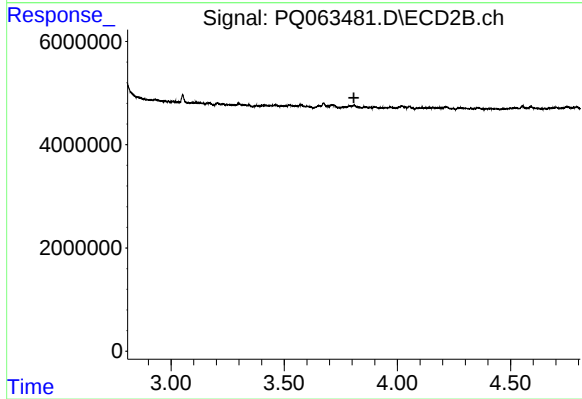
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 1140323
Conc: 34.22 ng/ml



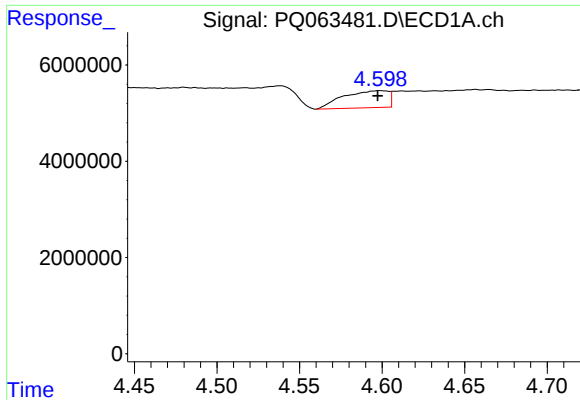
#12 AR-1232-2

R.T.: 4.327 min
Delta R.T.: 0.010 min
Response: 1528897
Conc: 25.87 ng/ml



#12 AR-1232-2

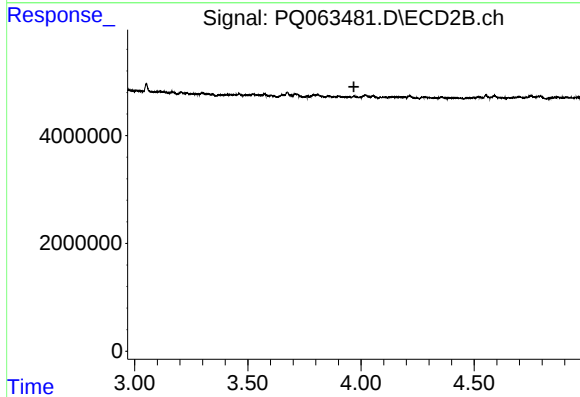
R.T.: 0.000 min
Exp R.T.: 3.808 min
Response: 0
Conc: N.D.



#13 AR-1232-3

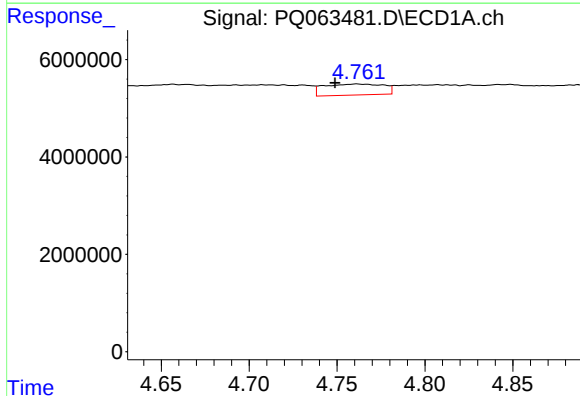
R.T.: 4.599 min
Delta R.T.: 0.001 min
Response: 6736680
Conc: 59.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



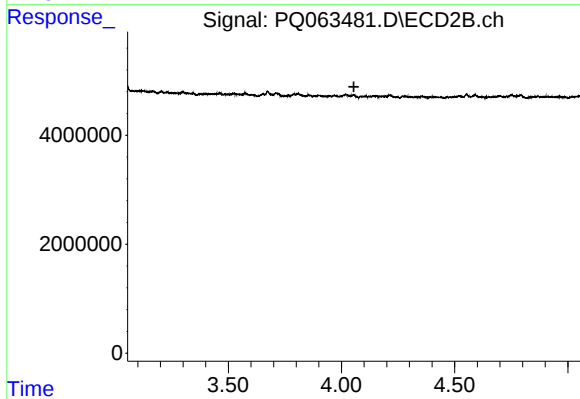
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



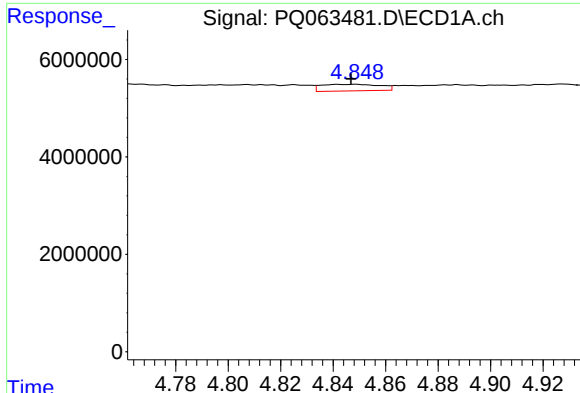
#14 AR-1232-4

R.T.: 4.761 min
Delta R.T.: 0.012 min
Response: 5335754
Conc: 92.29 ng/ml



#14 AR-1232-4

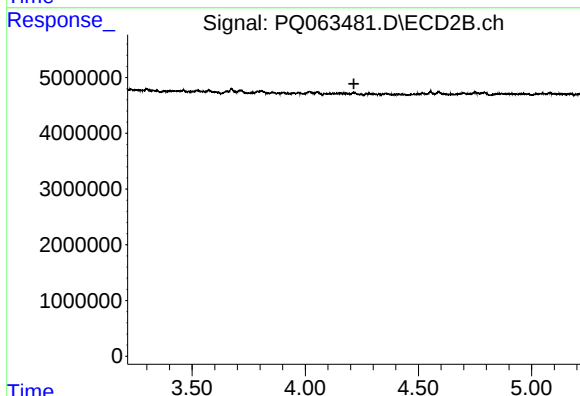
R.T.: 0.000 min
Exp R.T. : 4.055 min
Response: 0
Conc: N.D.



#15 AR-1232-5

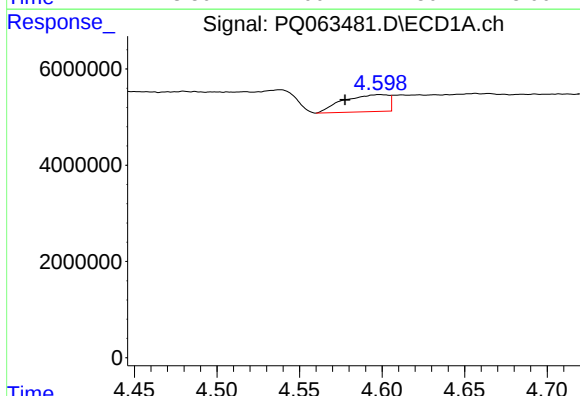
R.T.: 4.848 min
Delta R.T.: 0.002 min
Response: 2115134
Conc: 52.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



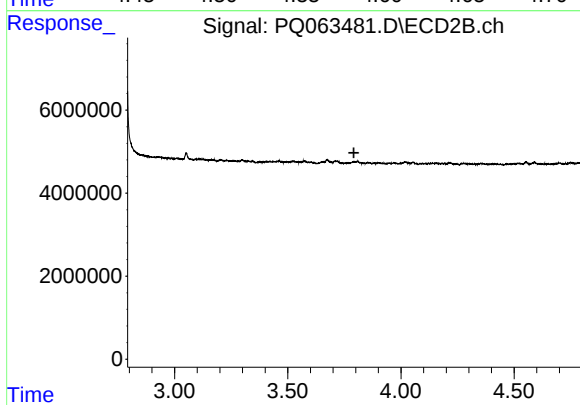
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.215 min
Response: 0
Conc: N.D.



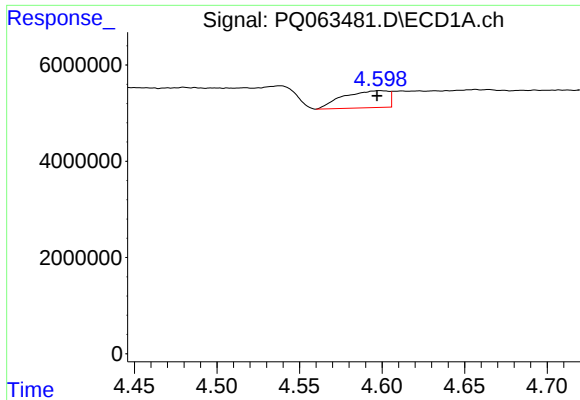
#16 AR-1242-1

R.T.: 4.599 min
Delta R.T.: 0.021 min
Response: 6736680
Conc: 48.38 ng/ml



#16 AR-1242-1

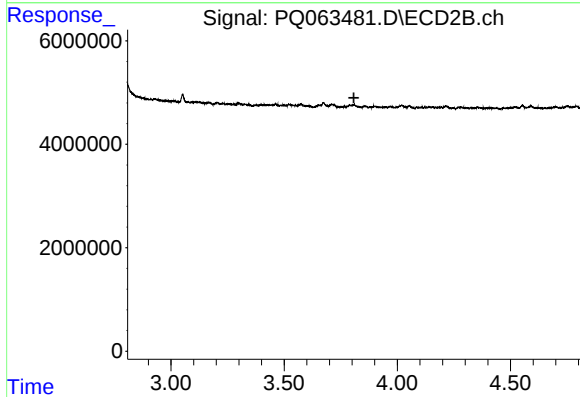
R.T.: 0.000 min
Exp R.T. : 3.792 min
Response: 0
Conc: N.D.



#17 AR-1242-2

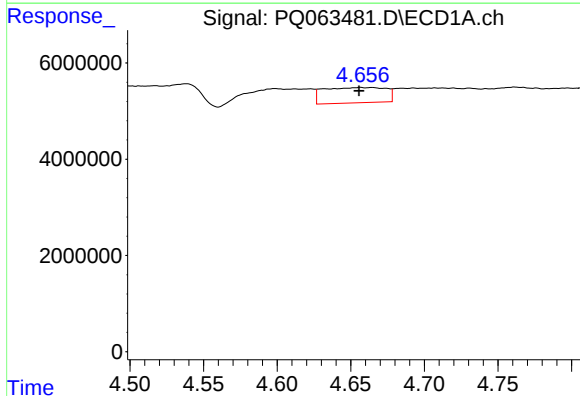
R.T.: 4.599 min
Delta R.T.: 0.002 min
Response: 6736680
Conc: 31.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



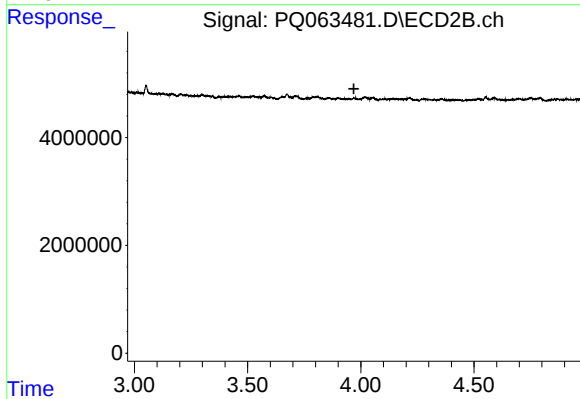
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 3.808 min
Response: 0
Conc: N.D.



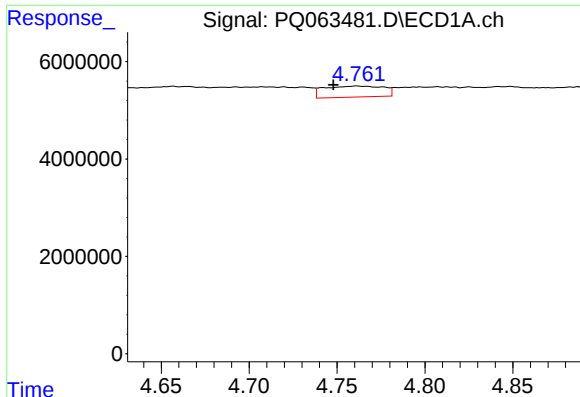
#18 AR-1242-3

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 9367401
Conc: 70.46 ng/ml



#18 AR-1242-3

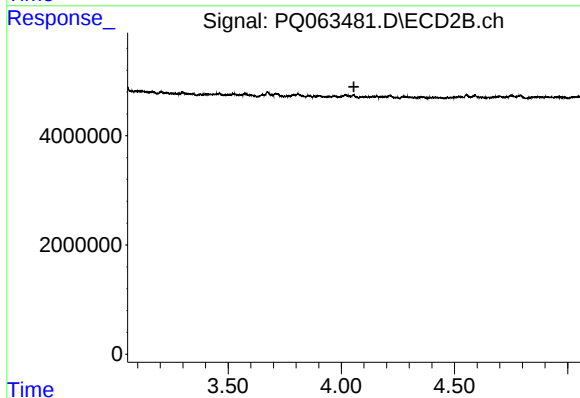
R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



#19 AR-1242-4

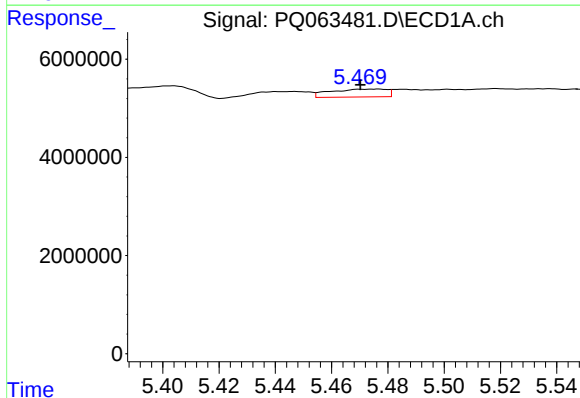
R.T.: 4.761 min
Delta R.T.: 0.013 min
Response: 5335754
Conc: 48.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



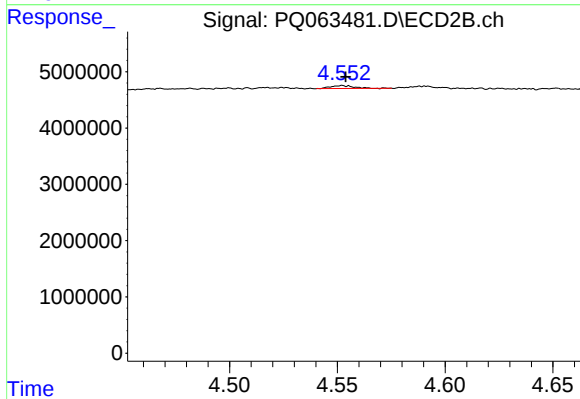
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.056 min
Response: 0
Conc: N.D.



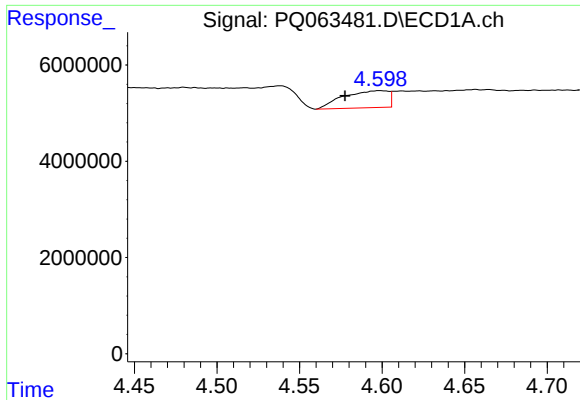
#20 AR-1242-5

R.T.: 5.476 min
Delta R.T.: 0.006 min
Response: 2204365
Conc: 19.01 ng/ml



#20 AR-1242-5

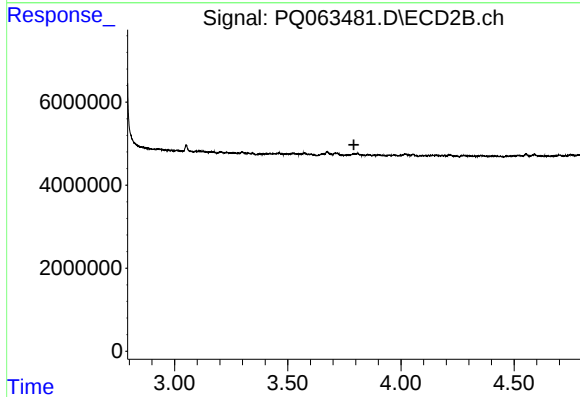
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 392375
Conc: 3.68 ng/ml



#21 AR-1248-1

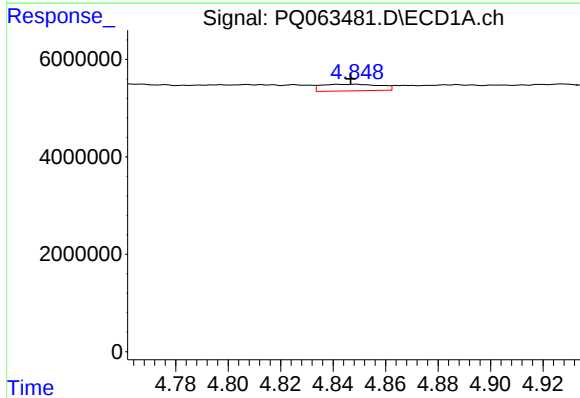
R.T.: 4.599 min
Delta R.T.: 0.021 min
Response: 6736680
Conc: 63.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



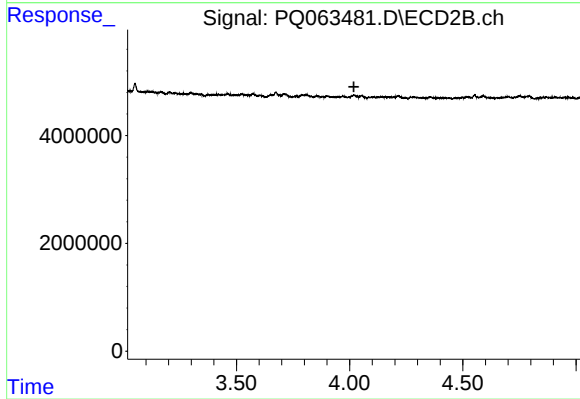
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.792 min
Response: 0
Conc: N.D.



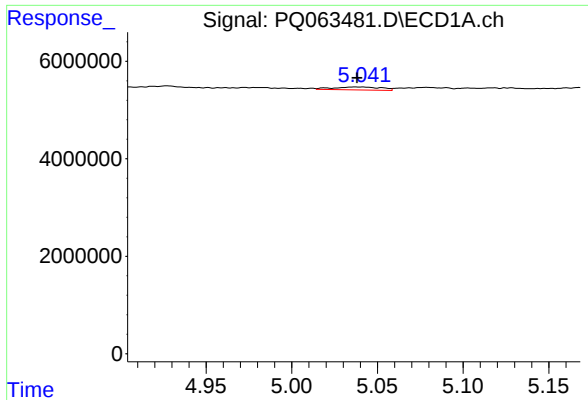
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.002 min
Response: 2115134
Conc: 13.82 ng/ml



#22 AR-1248-2

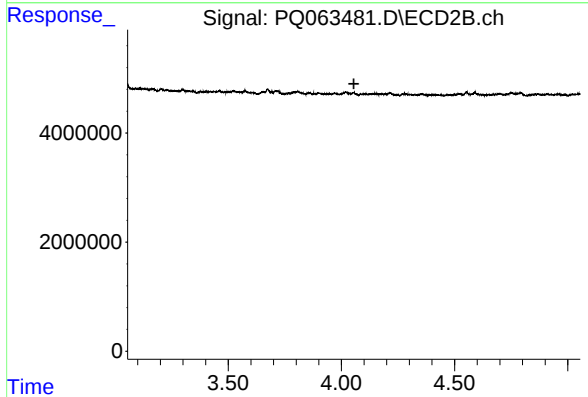
R.T.: 0.000 min
Exp R.T. : 4.019 min
Response: 0
Conc: N.D.



#23 AR-1248-3

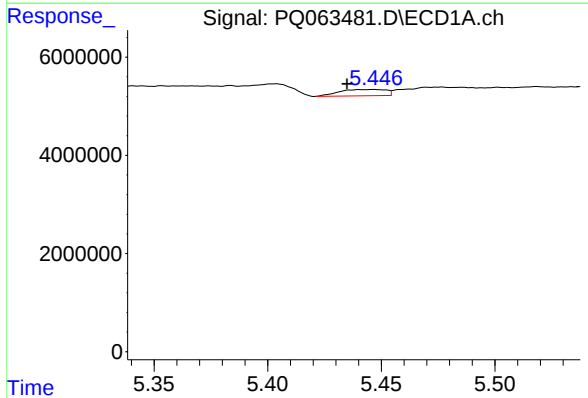
R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 1191540
Conc: 6.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



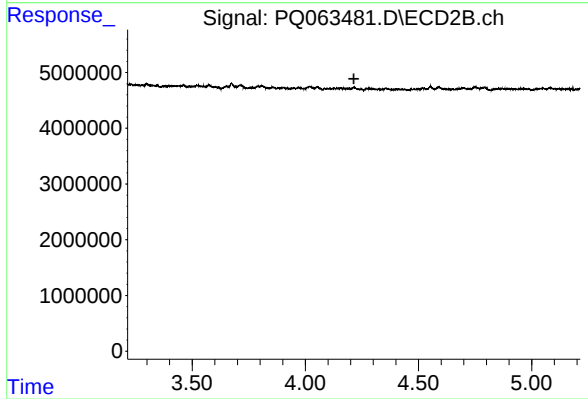
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.055 min
Response: 0
Conc: N.D.



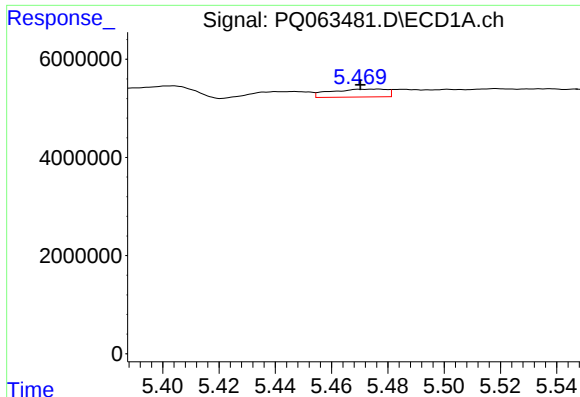
#24 AR-1248-4

R.T.: 5.446 min
Delta R.T.: 0.011 min
Response: 1825871
Conc: 8.99 ng/ml



#24 AR-1248-4

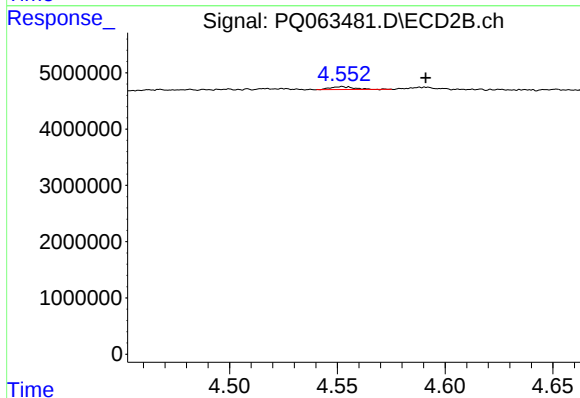
R.T.: 0.000 min
Exp R.T. : 4.214 min
Response: 0
Conc: N.D.



#25 AR-1248-5

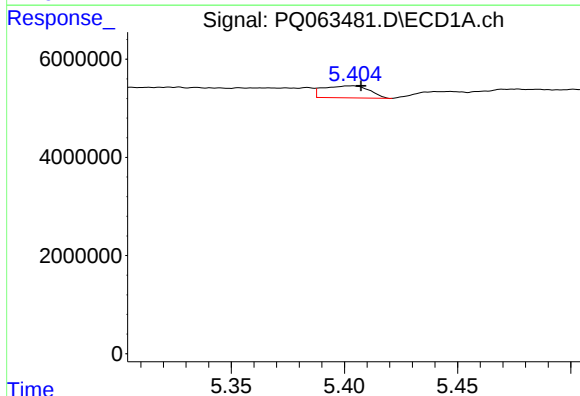
R.T.: 5.476 min
Delta R.T.: 0.006 min
Response: 2204365
Conc: 10.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



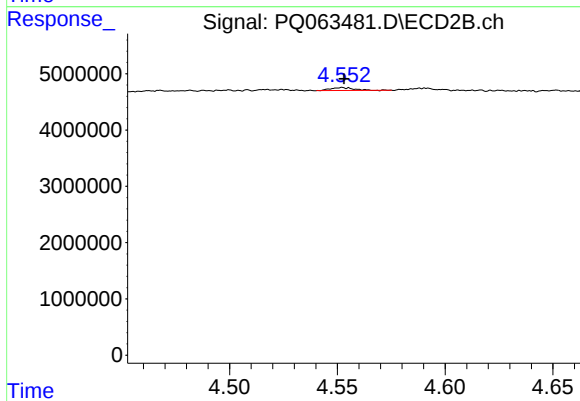
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.039 min
Response: 392375
Conc: 2.59 ng/ml



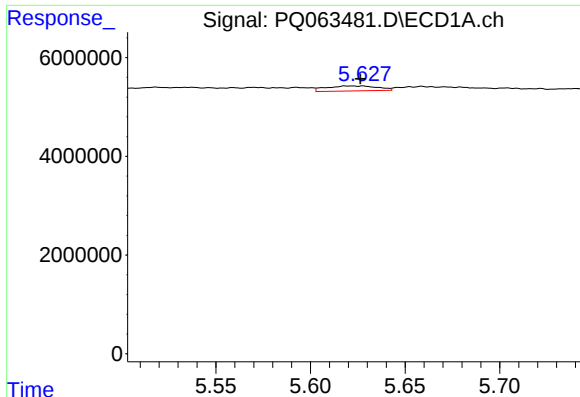
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: -0.004 min
Response: 3449977
Conc: 17.24 ng/ml



#26 AR-1254-1

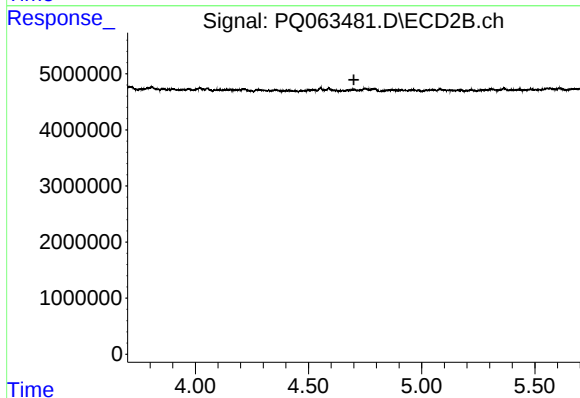
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 392375
Conc: 1.78 ng/ml



#27 AR-1254-2

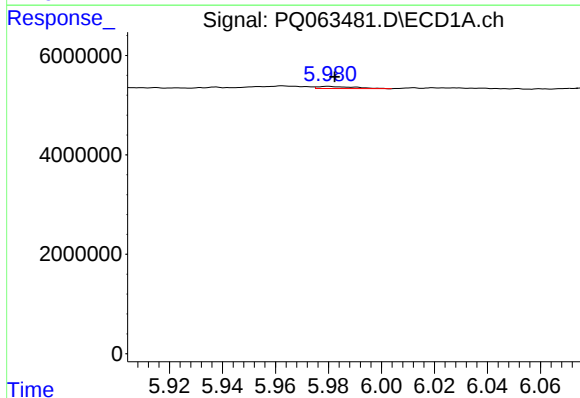
R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 1904450
Conc: 6.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



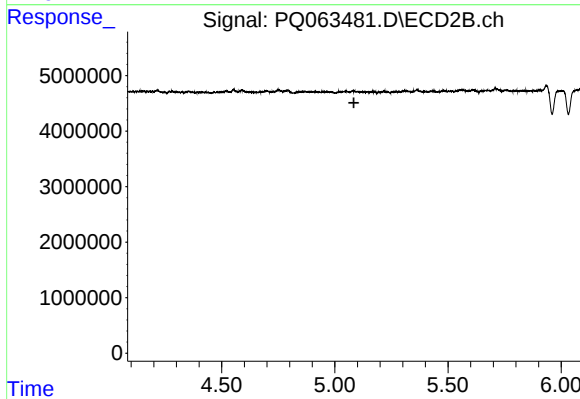
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



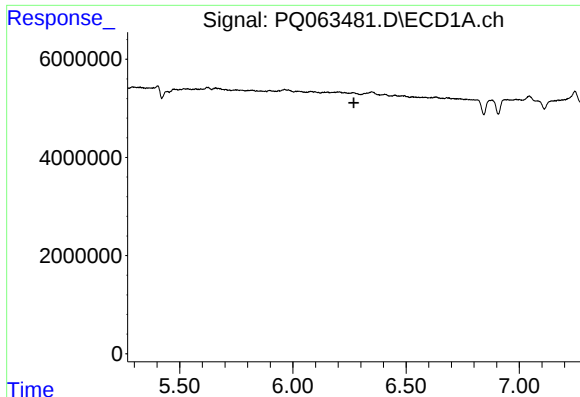
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: -0.003 min
Response: 411981
Conc: 1.27 ng/ml



#28 AR-1254-3

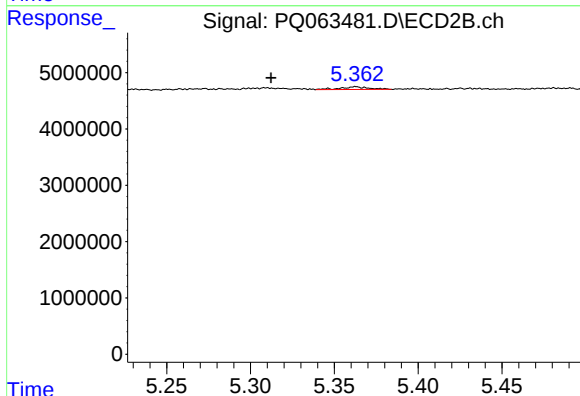
R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



#29 AR-1254-4

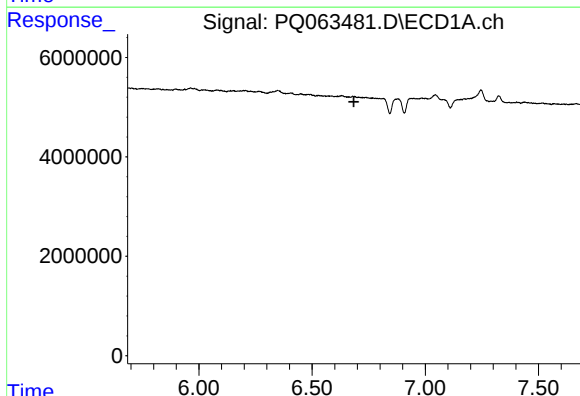
R.T.: 0.000 min
Exp R.T.: 6.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



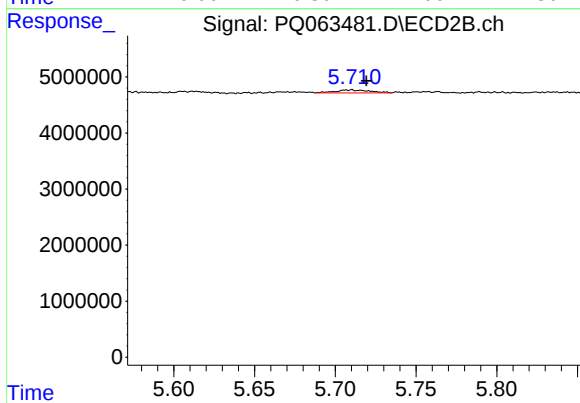
#29 AR-1254-4

R.T.: 5.363 min
Delta R.T.: 0.050 min
Response: 543832
Conc: 2.79 ng/ml



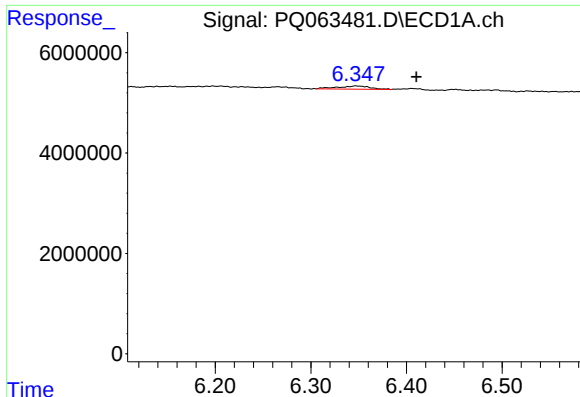
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.685 min
Response: 0
Conc: N.D.



#30 AR-1254-5

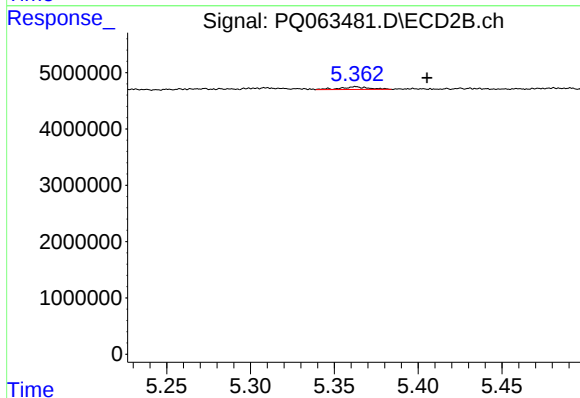
R.T.: 5.710 min
Delta R.T.: -0.010 min
Response: 771296
Conc: 2.79 ng/ml



#32 AR-1260-2

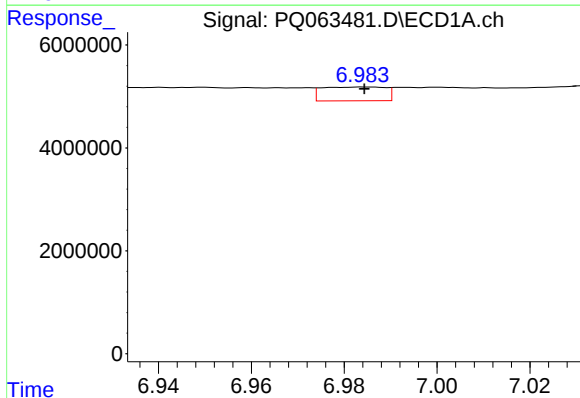
R.T.: 6.347 min
Delta R.T.: -0.063 min
Response: 1459549
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



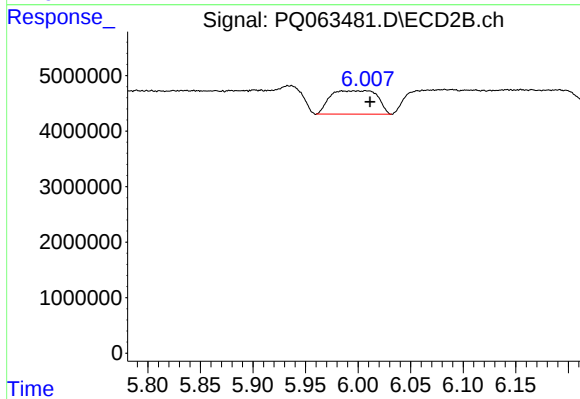
#32 AR-1260-2

R.T.: 5.363 min
Delta R.T.: -0.043 min
Response: 543832
Conc: 2.14 ng/ml



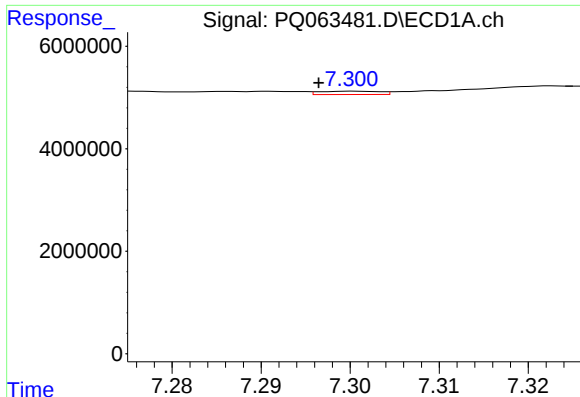
#34 AR-1260-4

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 2551828
Conc: 10.38 ng/ml



#34 AR-1260-4

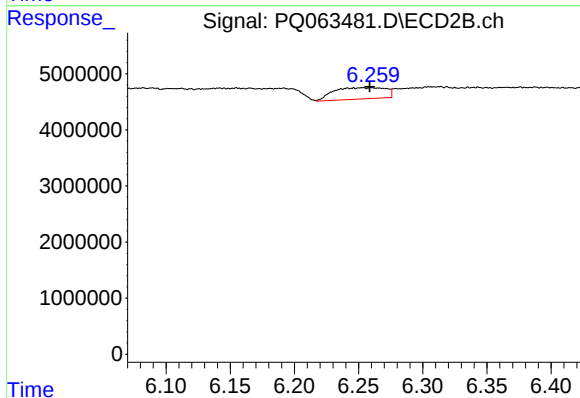
R.T.: 6.007 min
Delta R.T.: -0.004 min
Response: 13107455
Conc: 64.69 ng/ml



#35 AR-1260-5

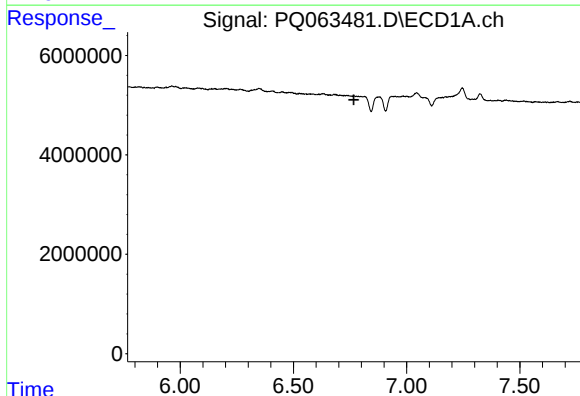
R.T.: 7.300 min
Delta R.T.: 0.004 min
Response: 305454
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



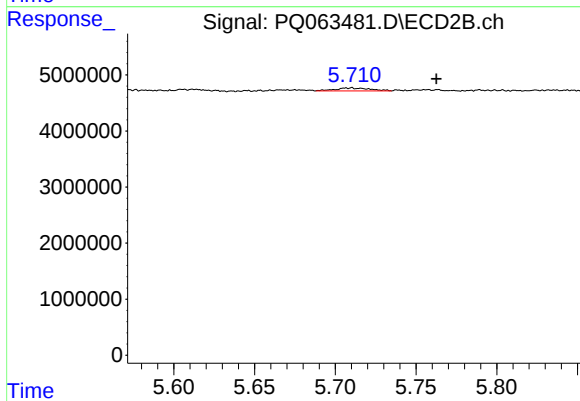
#35 AR-1260-5

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 5663583
Conc: 12.21 ng/ml



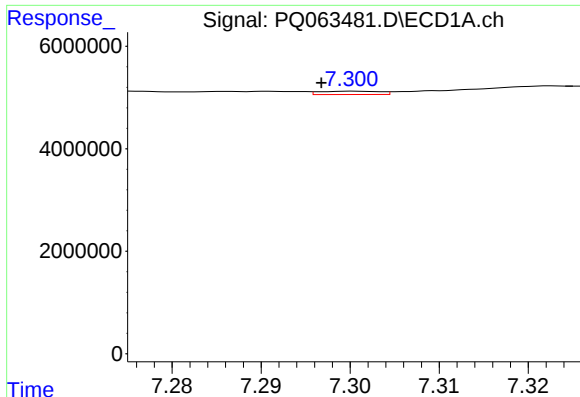
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.767 min
Response: 0
Conc: N.D.



#36 AR-1262-1

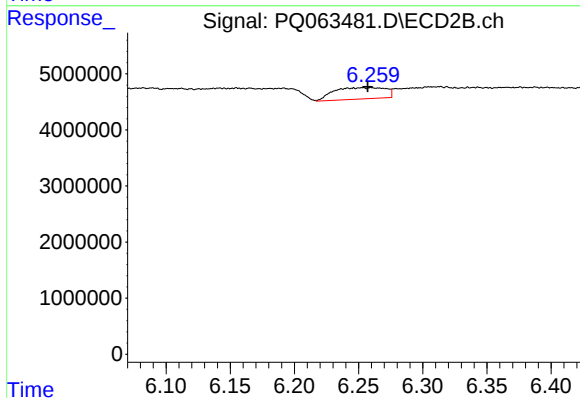
R.T.: 5.710 min
Delta R.T.: -0.053 min
Response: 771296
Conc: 2.68 ng/ml



#37 AR-1262-2

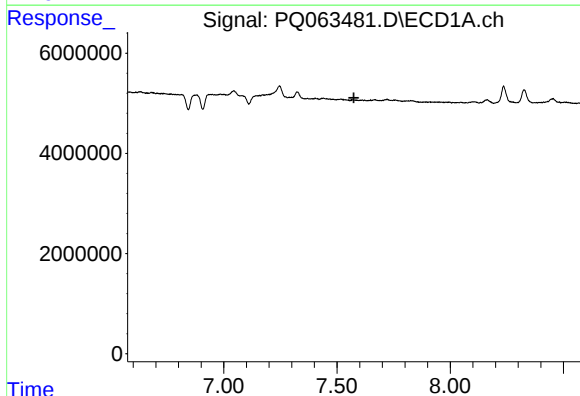
R.T.: 7.300 min
Delta R.T.: 0.004 min
Response: 305454
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



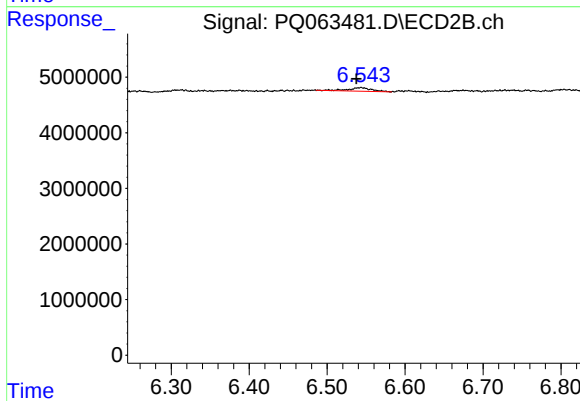
#37 AR-1262-2

R.T.: 6.259 min
Delta R.T.: 0.002 min
Response: 5663583
Conc: 10.93 ng/ml



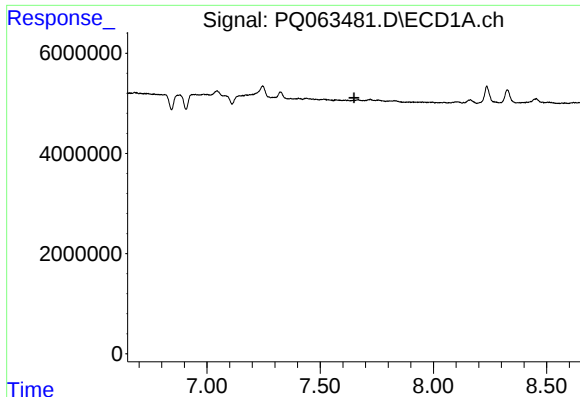
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.574 min
Response: 0
Conc: N.D.



#38 AR-1262-3

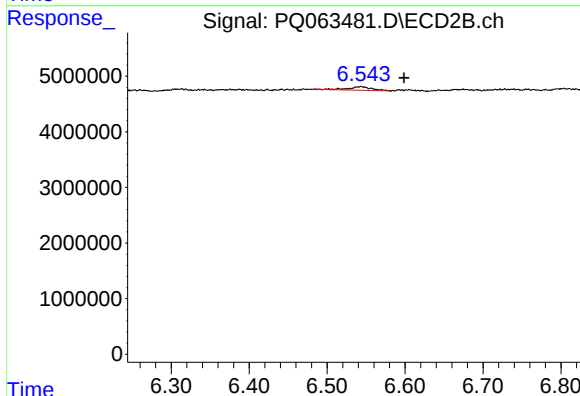
R.T.: 6.543 min
Delta R.T.: 0.006 min
Response: 1293156
Conc: 6.03 ng/ml



#39 AR-1262-4

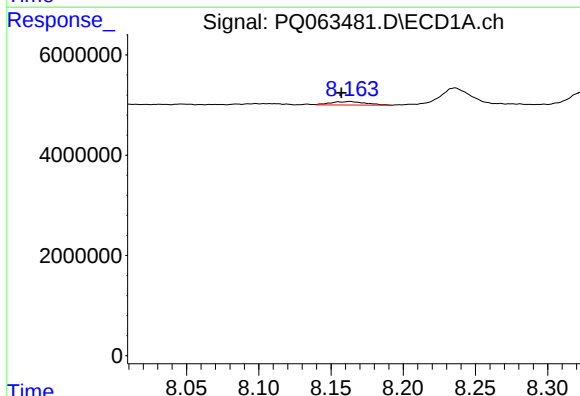
R.T.: 0.000 min
Exp R.T.: 7.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



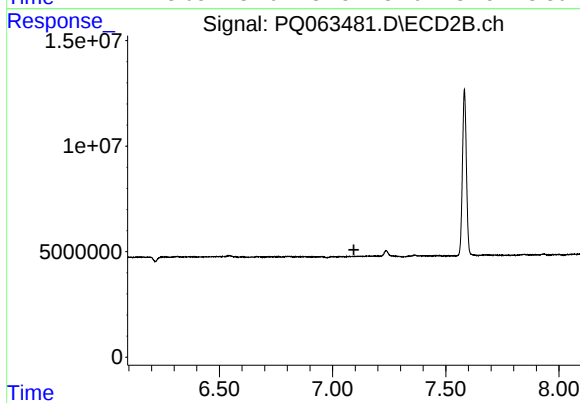
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.055 min
Response: 1293156
Conc: 3.31 ng/ml



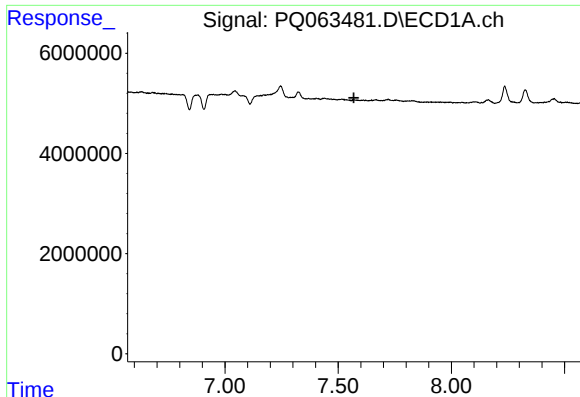
#40 AR-1262-5

R.T.: 8.163 min
Delta R.T.: 0.006 min
Response: 1160977
Conc: 6.27 ng/ml



#40 AR-1262-5

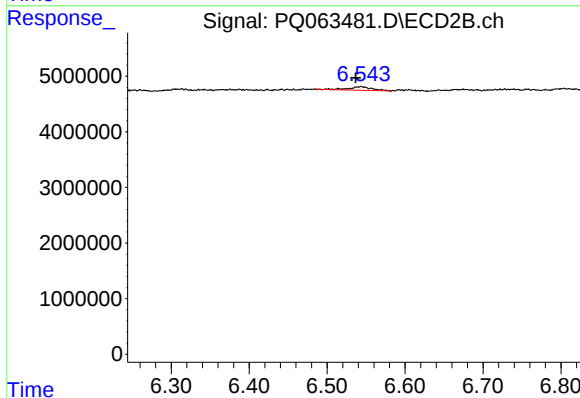
R.T.: 0.000 min
Exp R.T.: 7.094 min
Response: 0
Conc: N.D.



#41 AR-1268-1

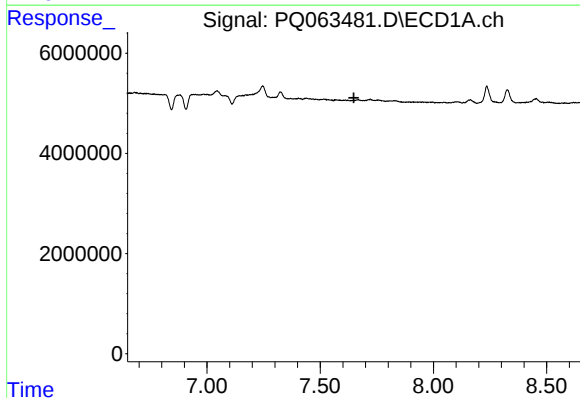
R.T.: 0.000 min
Exp R.T.: 7.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



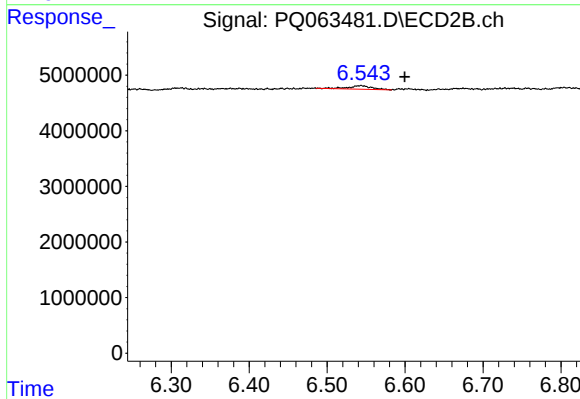
#41 AR-1268-1

R.T.: 6.543 min
Delta R.T.: 0.006 min
Response: 1293156
Conc: 2.14 ng/ml



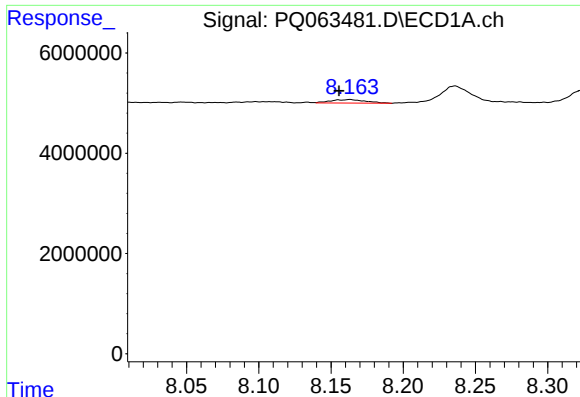
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 7.649 min
Response: 0
Conc: N.D.



#42 AR-1268-2

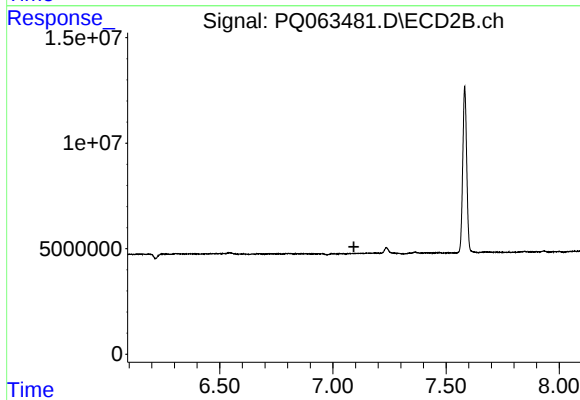
R.T.: 6.543 min
Delta R.T.: -0.056 min
Response: 1293156
Conc: 2.38 ng/ml



#44 AR-1268-4

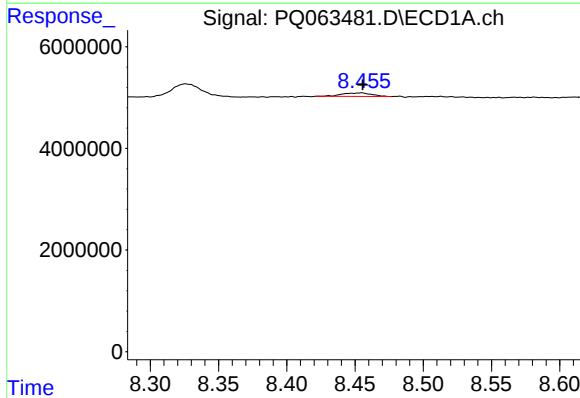
R.T.: 8.163 min
Delta R.T.: 0.007 min
Response: 1160977
Conc: 5.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



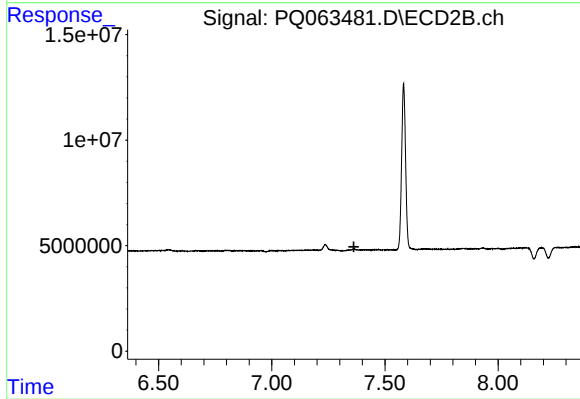
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.093 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.454 min
Delta R.T.: -0.001 min
Response: 1054549
Conc: 0.73 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.363 min
Response: 0
Conc: N.D.