

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 13:21
 Operator : UA/SM
 Sample : J2963-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 05:34:41 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 2018
 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...	4.605	3.770	1773.5E6	262.7E6	21.461	29.378 #
2)	SA Decachlor...	10.343	8.713	628.4E6	107.3E6	10.308	9.242
Target Compounds							
3)	L1 AR-1016-1	0.000	4.624	0	2867570	N.D.	11.747 #
4)	L1 AR-1016-2	0.000	5.024	0	596497	N.D.	2.176 #
5)	L1 AR-1016-3	0.000	5.075	0	3248259	N.D.	15.218 #
6)	L1 AR-1016-4	0.000	5.115	0	1967013	N.D.	7.529 #
7)	L1 AR-1016-5	0.000	5.283	0	613489	N.D.	2.122 #
8)	L2 AR-1221-1	0.000	3.957	0	1153457	N.D.	5.774 #
9)	L2 AR-1221-2	0.000	4.067	0	5651090	N.D.	37.920 #
10)	L2 AR-1221-3	0.000	4.139	0	2442887	N.D.	5.319 #
11)	L3 AR-1232-1	0.000	4.139	0	2442887	N.D.	11.627 #
12)	L3 AR-1232-2	0.000	4.915	0	2383867	N.D.	12.850 #
13)	L3 AR-1232-3	0.000	5.024	0	596497	N.D.	4.302 #
14)	L3 AR-1232-4	0.000	5.283	0	613489	N.D.	4.177 #
15)	L3 AR-1232-5	0.000	5.631	0	3653287	N.D.	22.374 #
16)	L4 AR-1242-1	0.000	4.624	0	2867570	N.D.	14.752 #
17)	L4 AR-1242-2	0.000	4.844	0	4581076	N.D.	10.067 #
18)	L4 AR-1242-3	0.000	5.024	0	596497	N.D.	2.873 #
19)	L4 AR-1242-4	0.000	5.115	0	1967013	N.D.	9.739 #
20)	L4 AR-1242-5	0.000	5.283	0	613489	N.D.	2.710 #
21)	L5 AR-1248-1	0.000	5.075	0	3248259	N.D.	11.003 #
22)	L5 AR-1248-2	0.000	5.115	0	1967013	N.D.	6.389 #
23)	L5 AR-1248-3	0.000	5.283	0	613489	N.D.	1.572 #
24)	L5 AR-1248-4	0.000	5.631	0	3653287	N.D.	6.506 #
25)	L5 AR-1248-5	0.000	5.673	0	1597603	N.D.	3.870 #
26)	L6 AR-1254-1	0.000	5.631	0	3653287	N.D.	6.812 #
27)	L6 AR-1254-2	0.000	5.772	0	1613115	N.D.	3.518 #
28)	L6 AR-1254-3	0.000	6.173	0	4346798	N.D.	5.486 #
29)	L6 AR-1254-4	0.000	6.395	0	2056472	N.D.	3.775 #
30)	L6 AR-1254-5	0.000	6.635	0	4057742	N.D.	11.726 #
31)	L7 AR-1260-1	0.000	6.301	0	4770893	N.D.	7.736 #
32)	L7 AR-1260-2	0.000	6.635	0	4057742	N.D.	5.729 #
33)	L7 AR-1260-3	0.000	7.100	0	1933879	N.D.	3.262 #
34)	L7 AR-1260-4	0.000	7.339	0	6063375	N.D.	4.146 #
35)	L7 AR-1260-5	0.000	7.680	0	5304065	N.D.	5.049 #
36)	L8 AR-1262-1	0.000	6.301	0	4770893	N.D.	9.528 #
37)	L8 AR-1262-2	0.000	6.481	0	8328911	N.D.	13.054 #
38)	L8 AR-1262-3	0.000	6.841	0	2627003	N.D.	2.898 #
39)	L8 AR-1262-4	0.000	7.100	0	1933879	N.D.	2.432 #
40)	L8 AR-1262-5	0.000	7.339	0	6063375	N.D.	3.611 #
41)	L9 AR-1268-1	0.000	7.615	0	965191	N.D.	0.532 #

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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
42) L9	AR-1268-2	0.000	7.680	0	5304065	N.D.	2.992 #
43) L9	AR-1268-3	0.000	7.877	0	1742271	N.D.	1.265 #
44) L9	AR-1268-4	0.000	8.171	0	2116099	N.D.	3.363 #
45) L9	AR-1268-5	0.000	8.460	0	1721863	N.D.	0.391 #

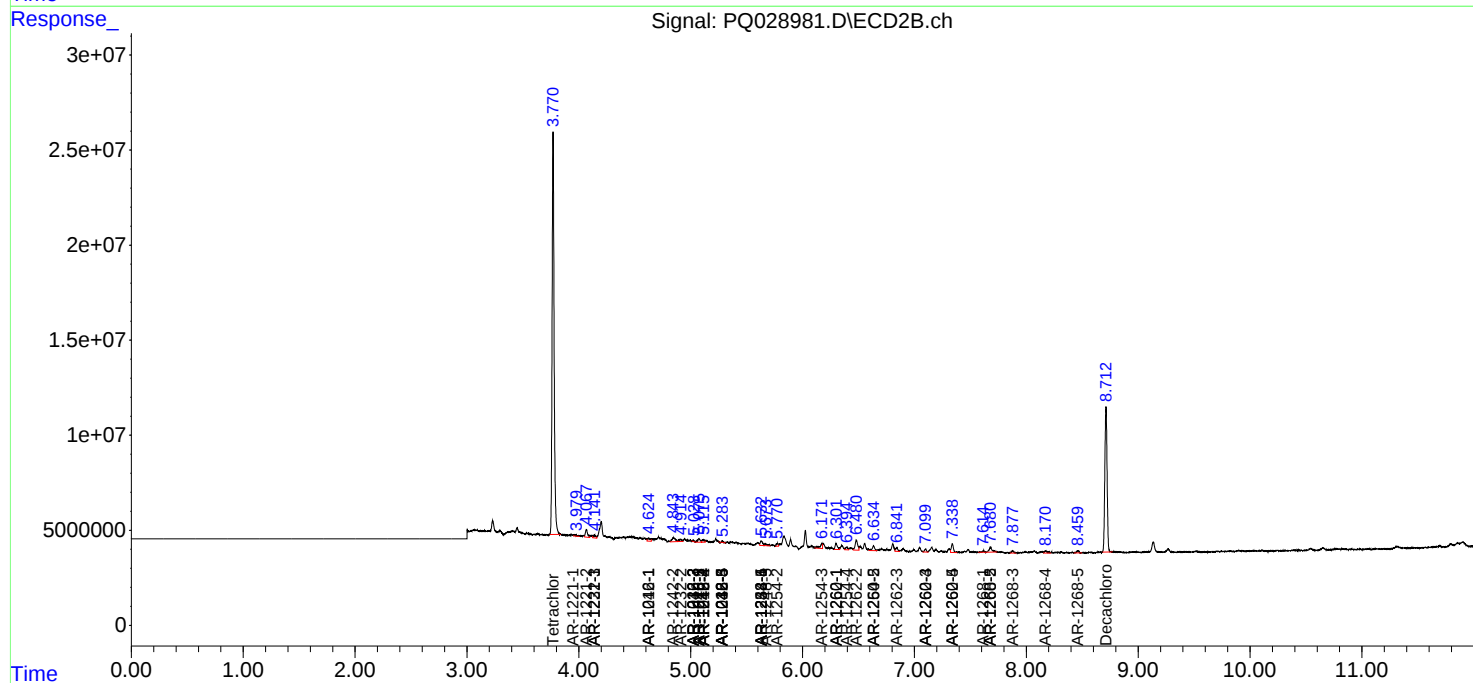
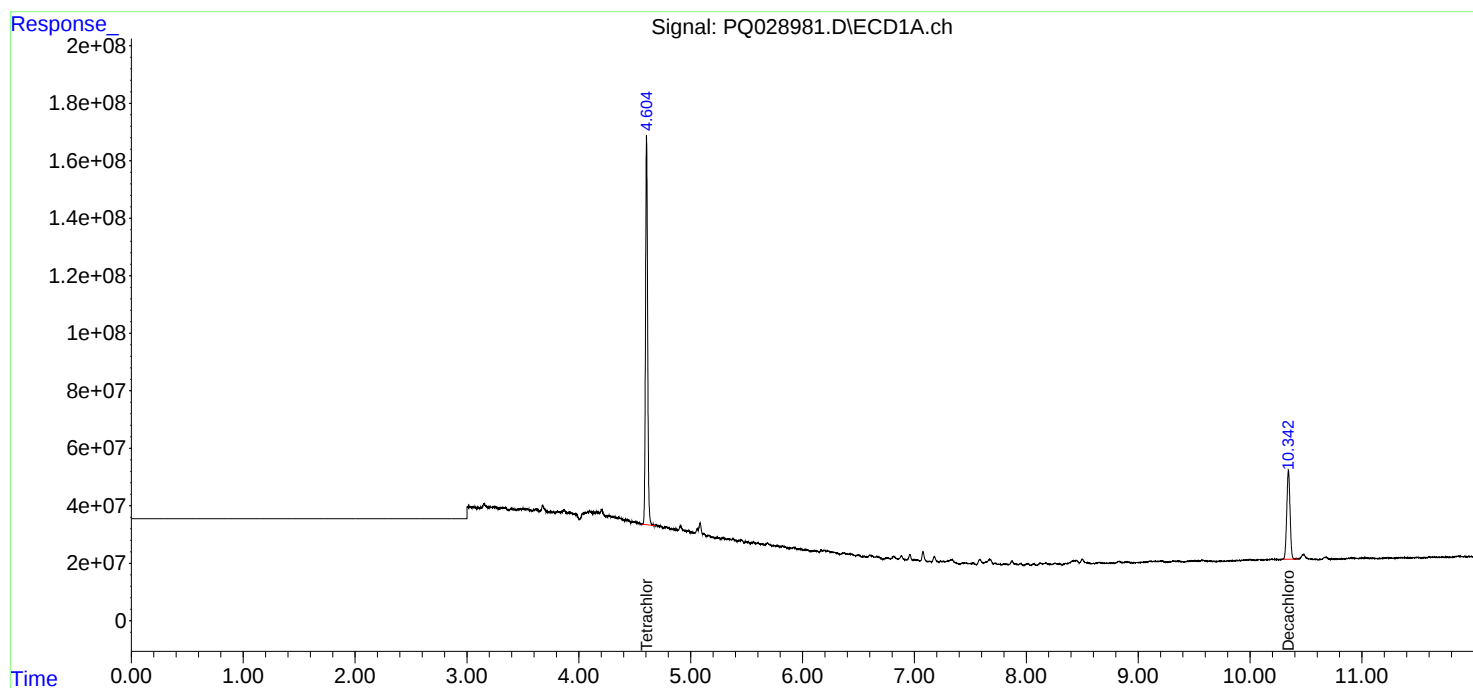
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

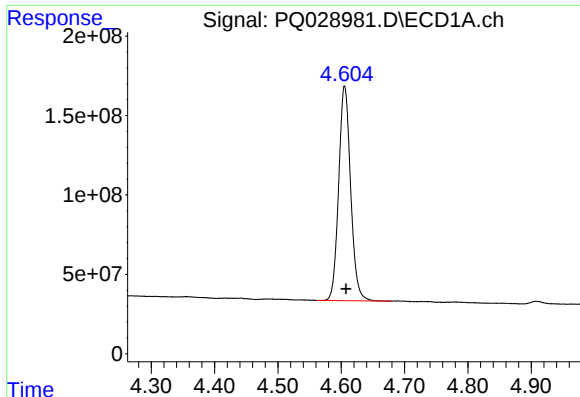
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

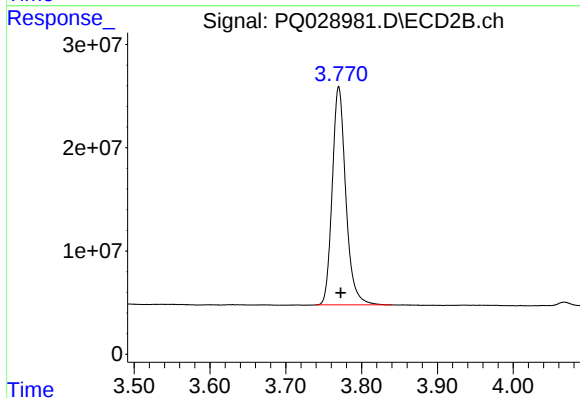




#1 Tetrachloro-m-xylene

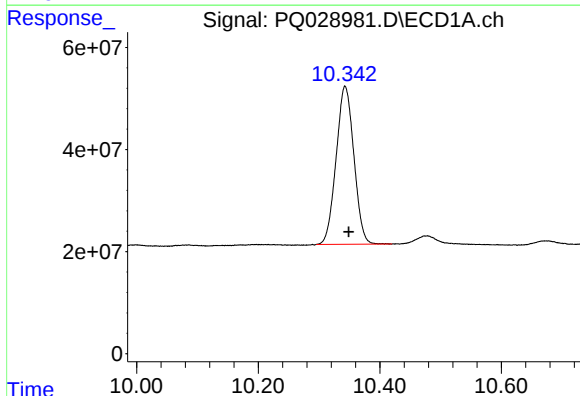
R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 1773527886
Conc: 21.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



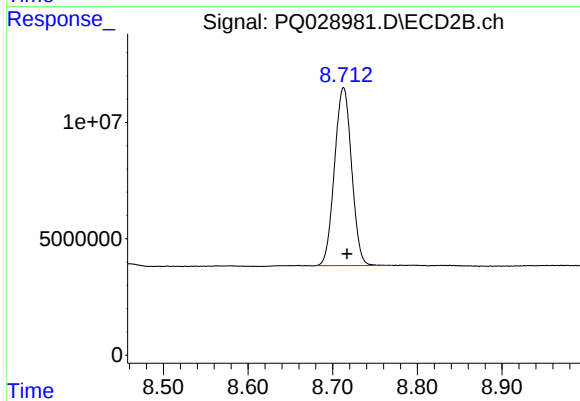
#1 Tetrachloro-m-xylene

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 262689946
Conc: 29.38 ng/ml



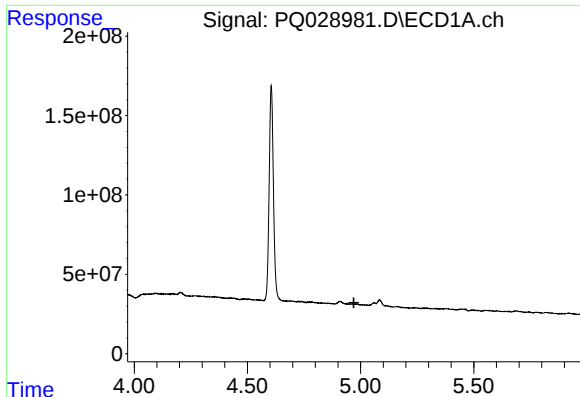
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: -0.006 min
Response: 628443833
Conc: 10.31 ng/ml



#2 Decachlorobiphenyl

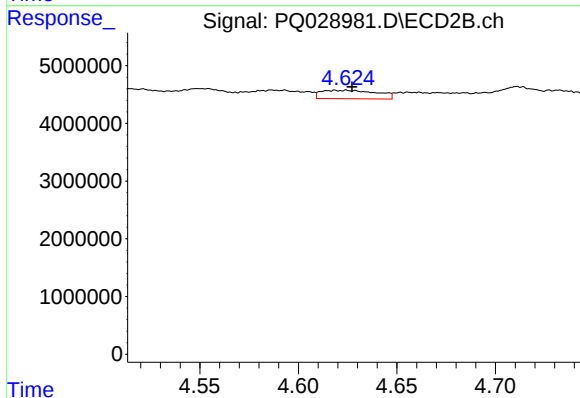
R.T.: 8.713 min
Delta R.T.: -0.004 min
Response: 107324042
Conc: 9.24 ng/ml



#3 AR-1016-1

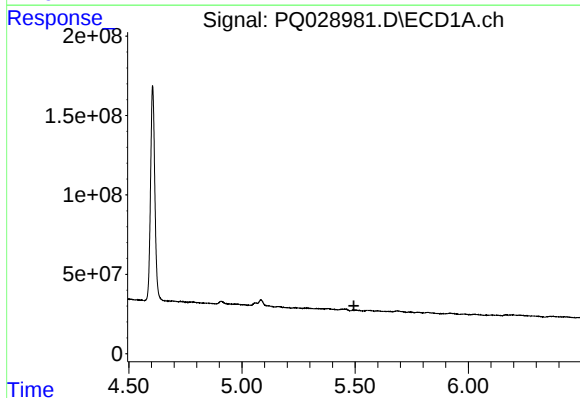
R.T.: 0.000 min
Exp R.T.: 4.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



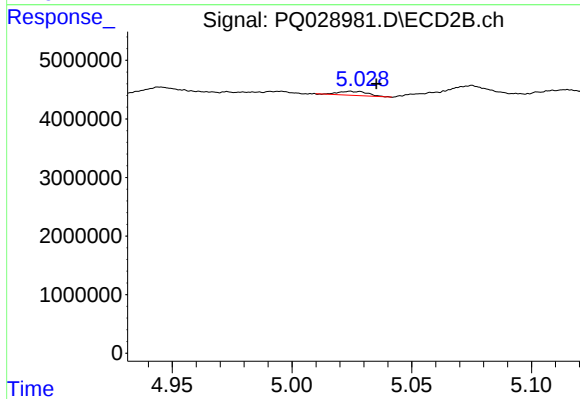
#3 AR-1016-1

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 2867570
Conc: 11.75 ng/ml



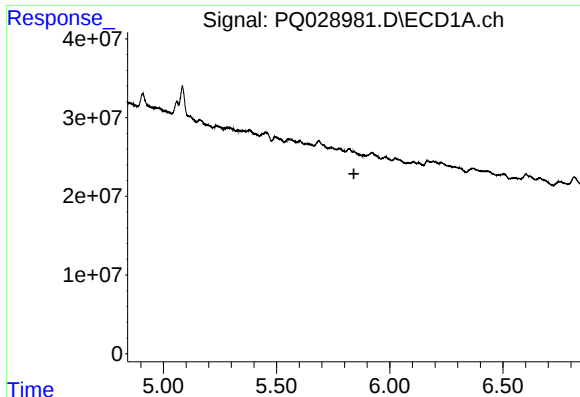
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.494 min
Response: 0
Conc: N.D.



#4 AR-1016-2

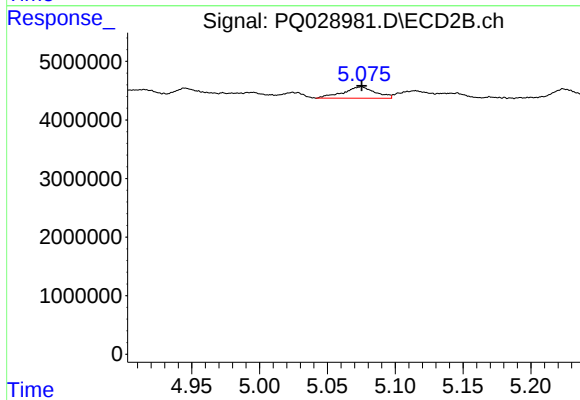
R.T.: 5.024 min
Delta R.T.: -0.011 min
Response: 596497
Conc: 2.18 ng/ml



#5 AR-1016-3

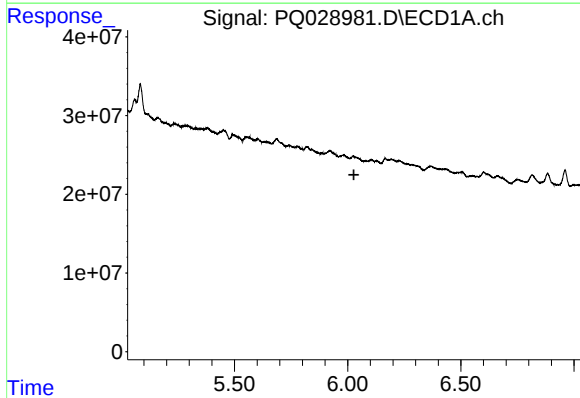
R.T.: 0.000 min
Exp R.T.: 5.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



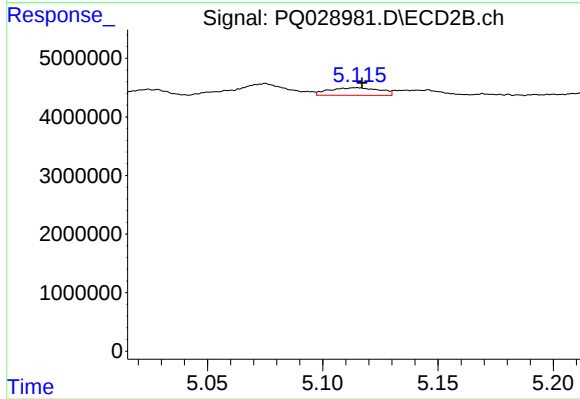
#5 AR-1016-3

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 3248259
Conc: 15.22 ng/ml



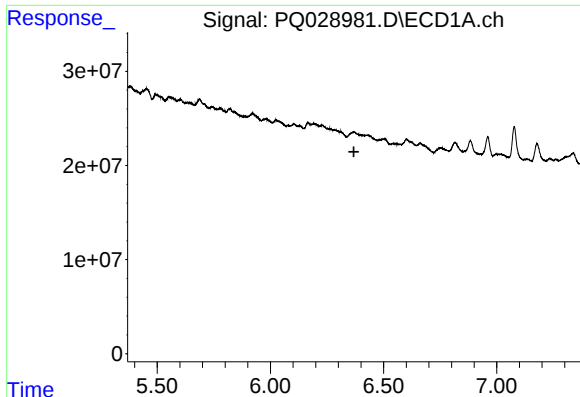
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.027 min
Response: 0
Conc: N.D.



#6 AR-1016-4

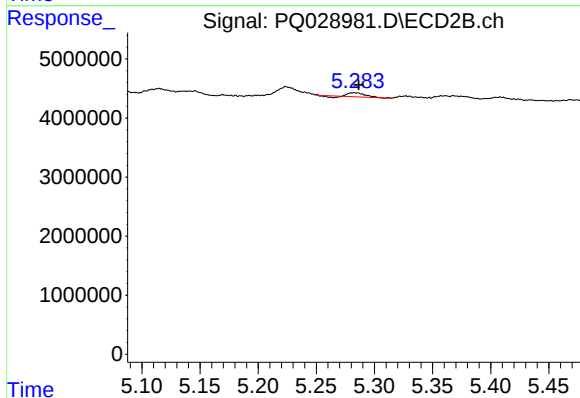
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 1967013
Conc: 7.53 ng/ml



#7 AR-1016-5

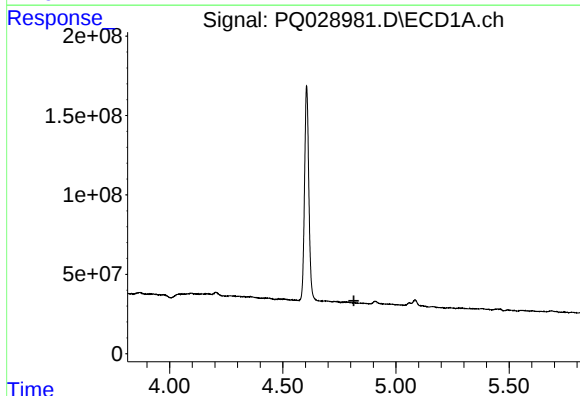
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



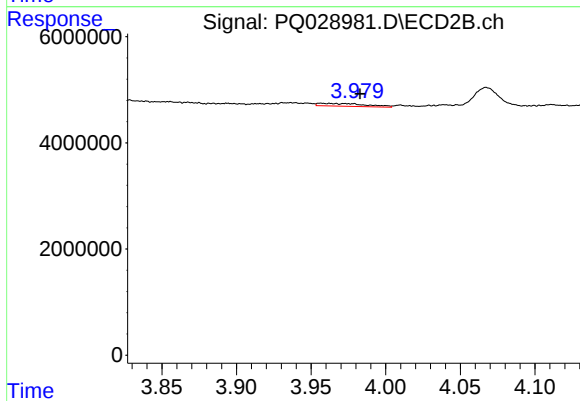
#7 AR-1016-5

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 613489
Conc: 2.12 ng/ml



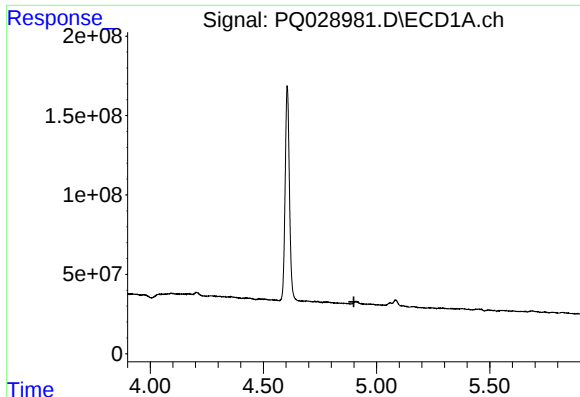
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.814 min
Response: 0
Conc: N.D.



#8 AR-1221-1

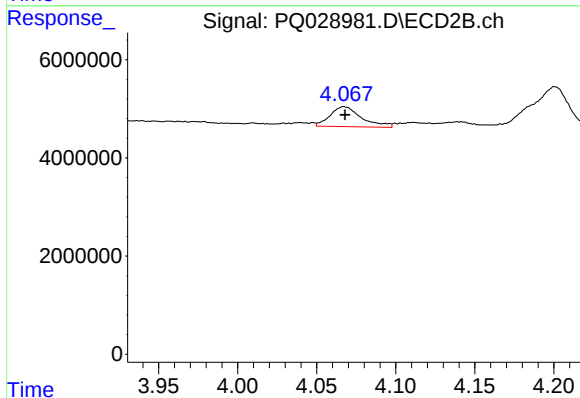
R.T.: 3.957 min
Delta R.T.: -0.026 min
Response: 1153457
Conc: 5.77 ng/ml



#9 AR-1221-2

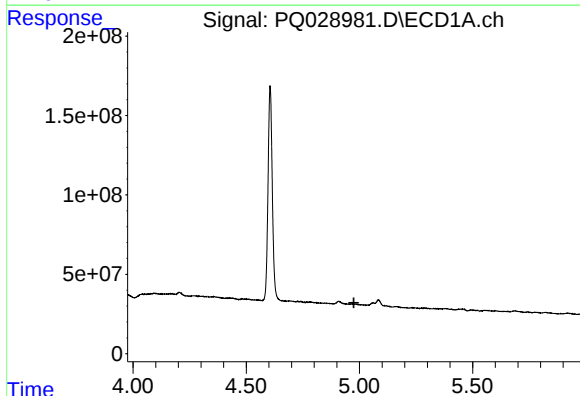
R.T.: 0.000 min
Exp R.T.: 4.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



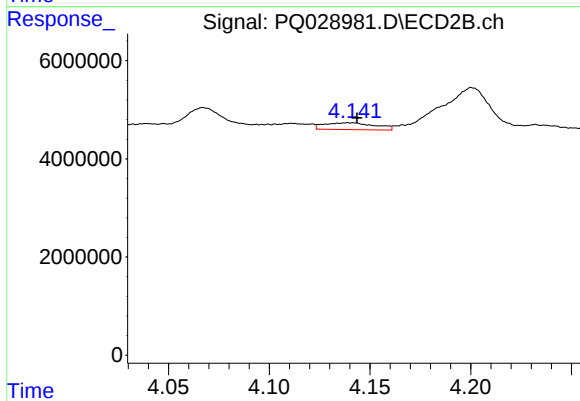
#9 AR-1221-2

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 5651090
Conc: 37.92 ng/ml



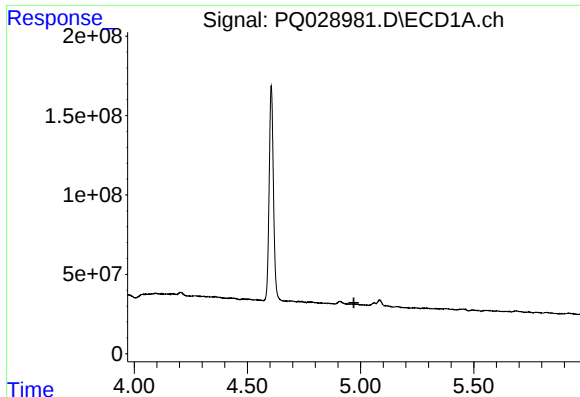
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.976 min
Response: 0
Conc: N.D.



#10 AR-1221-3

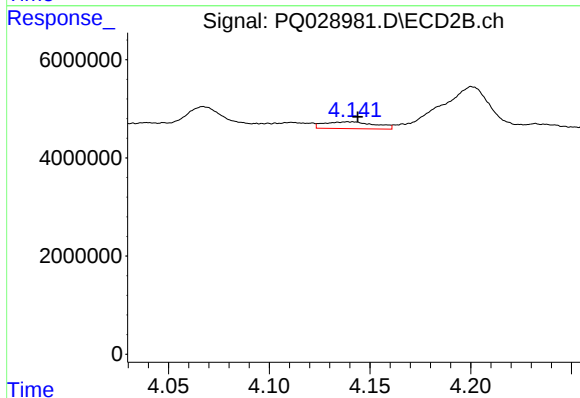
R.T.: 4.139 min
Delta R.T.: -0.004 min
Response: 2442887
Conc: 5.32 ng/ml



#11 AR-1232-1

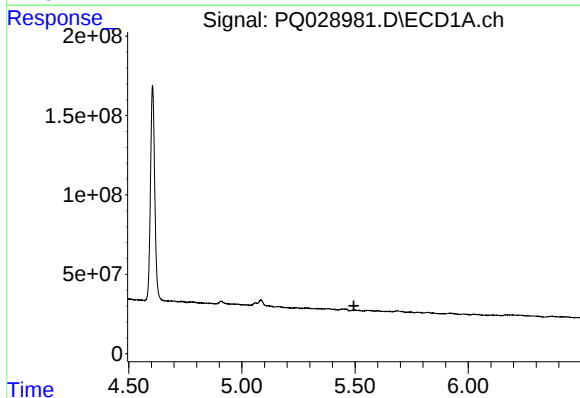
R.T.: 0.000 min
Exp R.T.: 4.971 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



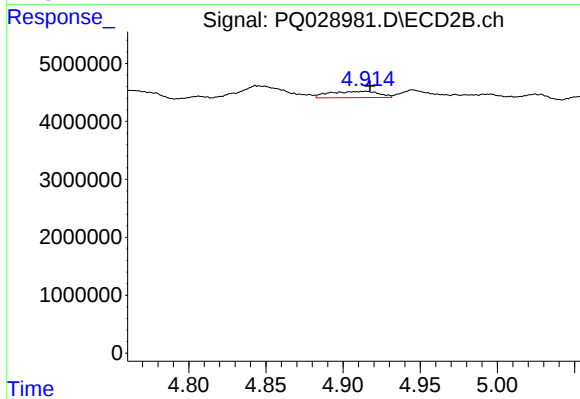
#11 AR-1232-1

R.T.: 4.139 min
Delta R.T.: -0.004 min
Response: 2442887
Conc: 11.63 ng/ml



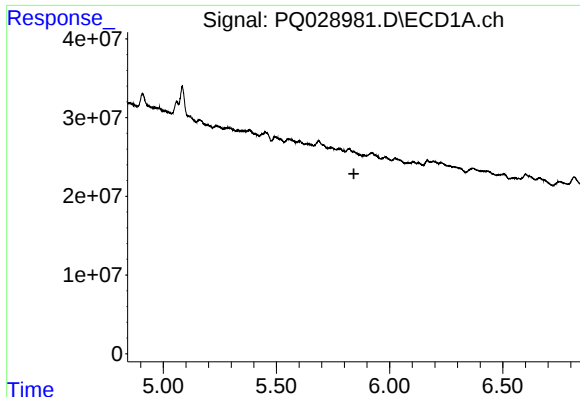
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.495 min
Response: 0
Conc: N.D.



#12 AR-1232-2

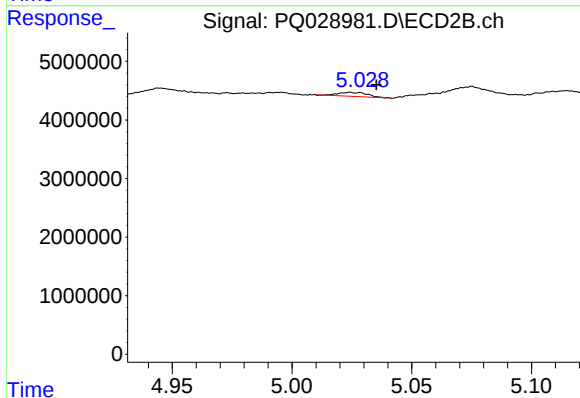
R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 2383867
Conc: 12.85 ng/ml



#13 AR-1232-3

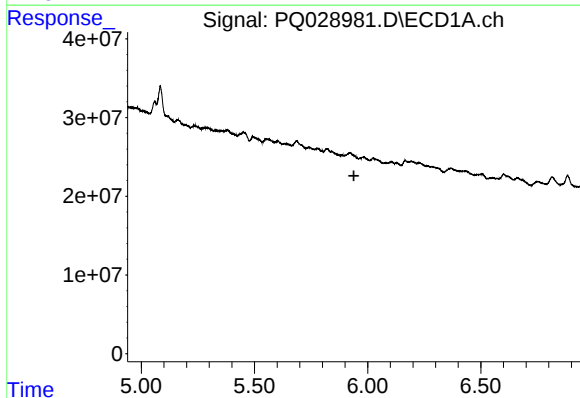
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



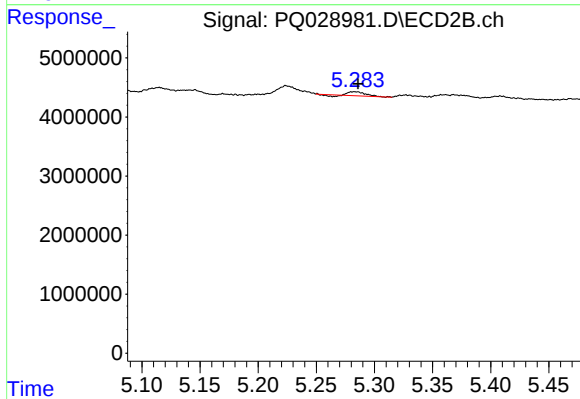
#13 AR-1232-3

R.T.: 5.024 min
Delta R.T.: -0.011 min
Response: 596497
Conc: 4.30 ng/ml



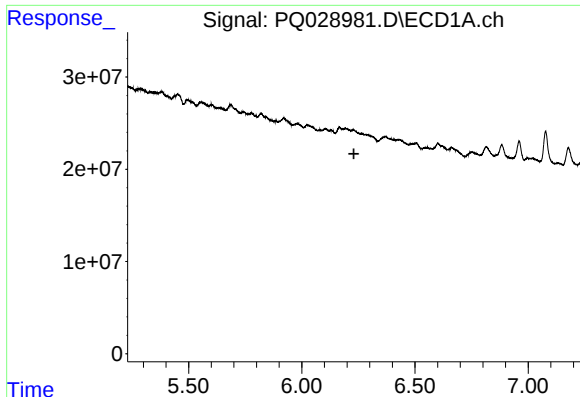
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.



#14 AR-1232-4

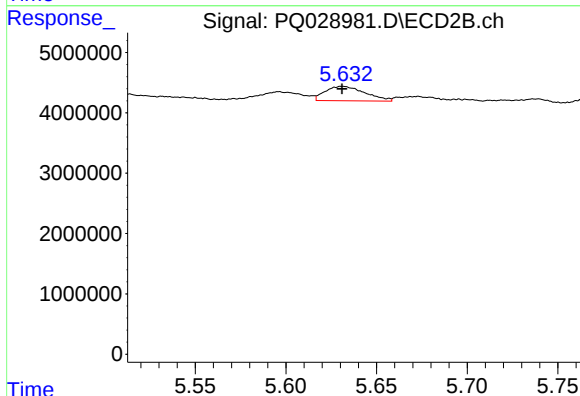
R.T.: 5.283 min
Delta R.T.: -0.003 min
Response: 613489
Conc: 4.18 ng/ml



#15 AR-1232-5

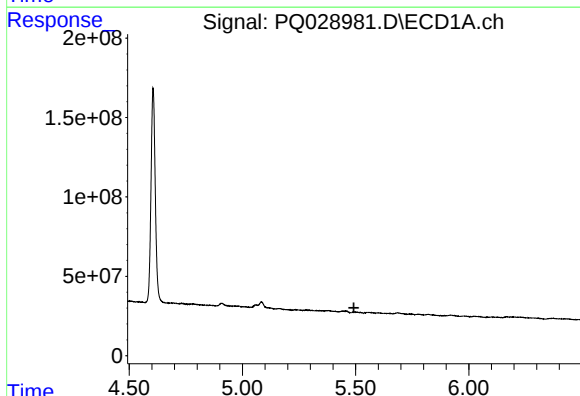
R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



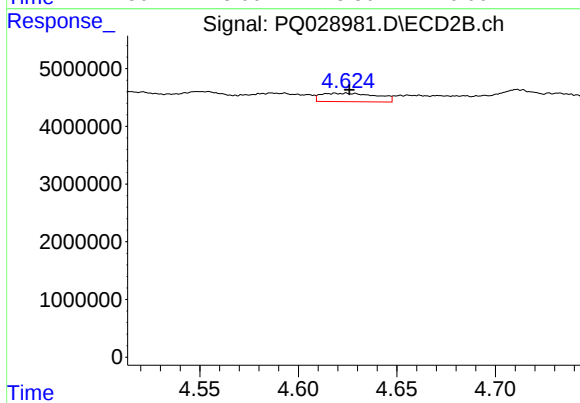
#15 AR-1232-5

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 3653287
Conc: 22.37 ng/ml



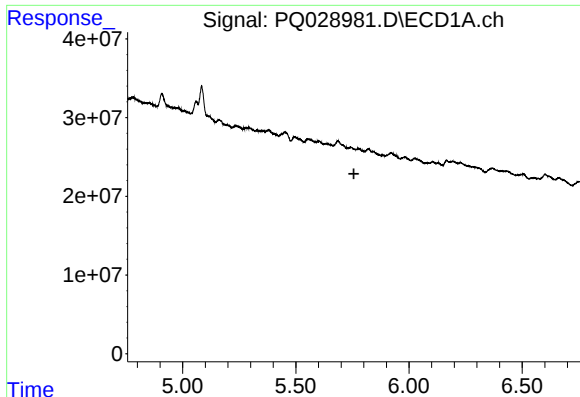
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



#16 AR-1242-1

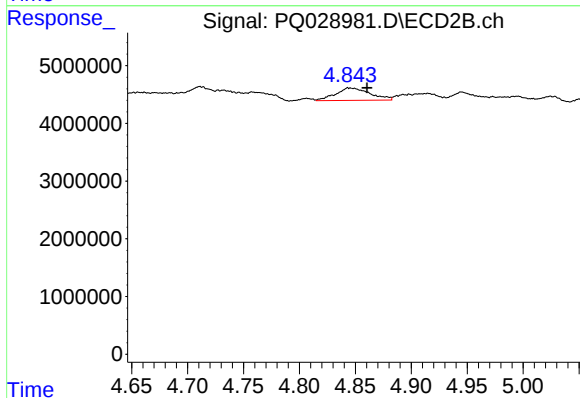
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 2867570
Conc: 14.75 ng/ml



#17 AR-1242-2

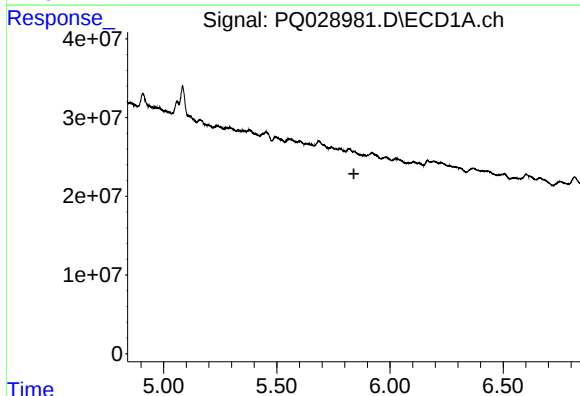
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



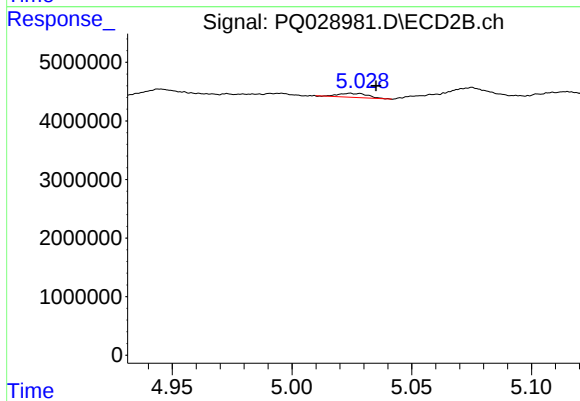
#17 AR-1242-2

R.T.: 4.844 min
Delta R.T.: -0.016 min
Response: 4581076
Conc: 10.07 ng/ml



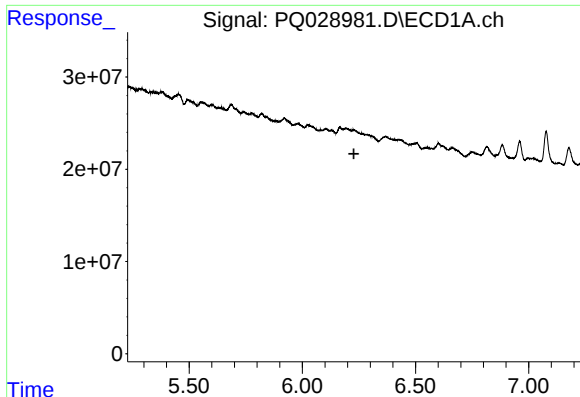
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.840 min
Response: 0
Conc: N.D.



#18 AR-1242-3

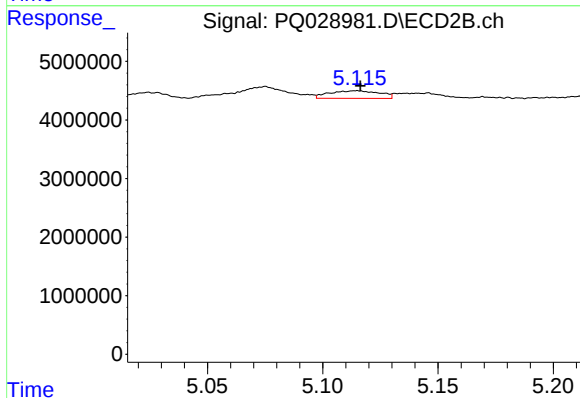
R.T.: 5.024 min
Delta R.T.: -0.011 min
Response: 596497
Conc: 2.87 ng/ml



#19 AR-1242-4

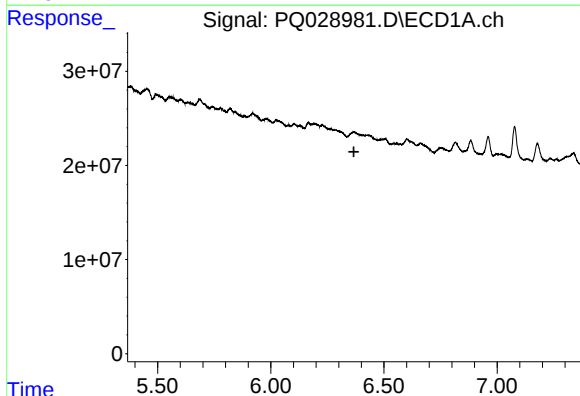
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



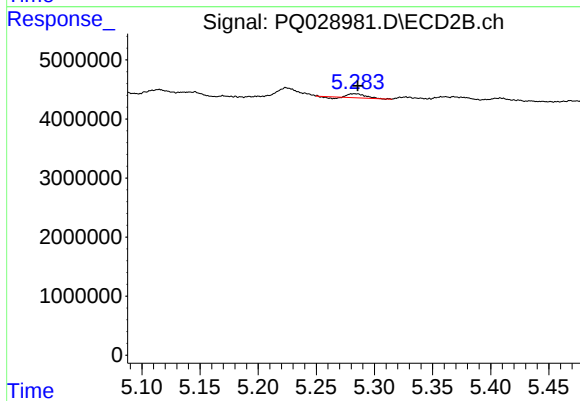
#19 AR-1242-4

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 1967013
Conc: 9.74 ng/ml



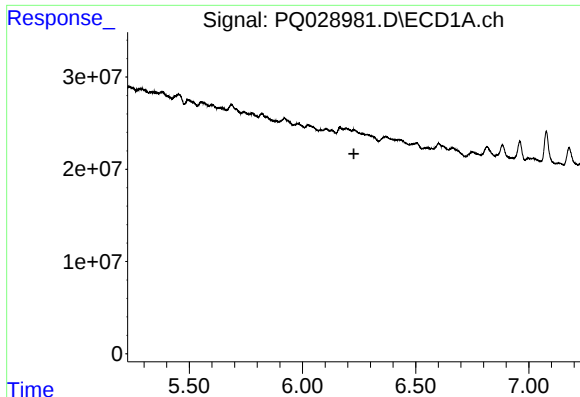
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.367 min
Response: 0
Conc: N.D.



#20 AR-1242-5

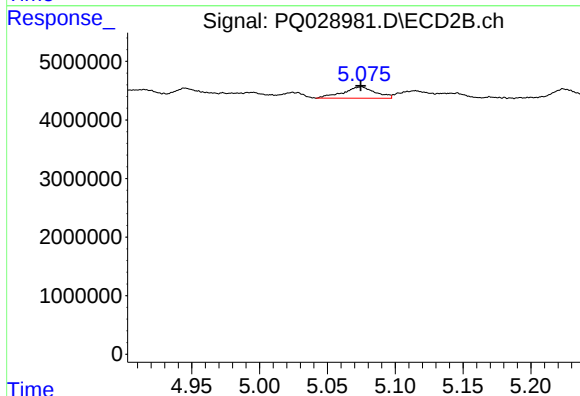
R.T.: 5.283 min
Delta R.T.: -0.003 min
Response: 613489
Conc: 2.71 ng/ml



#21 AR-1248-1

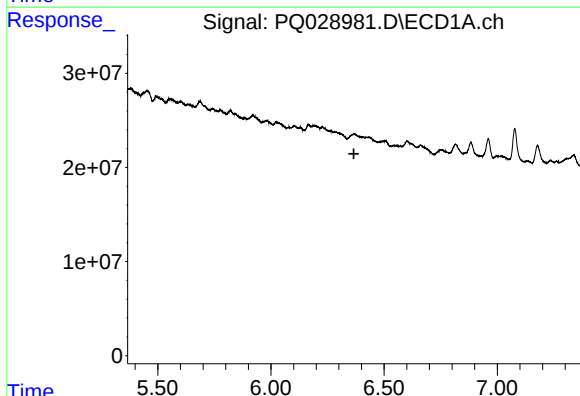
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



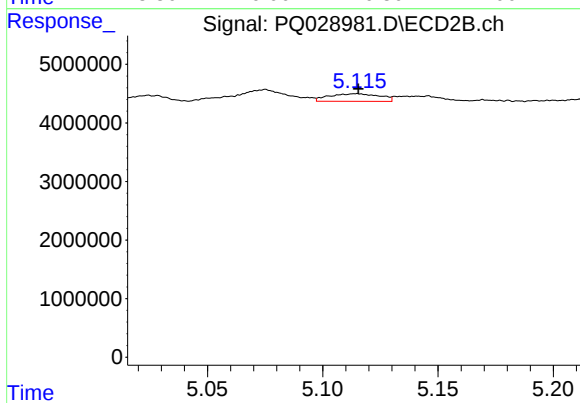
#21 AR-1248-1

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 3248259
Conc: 11.00 ng/ml



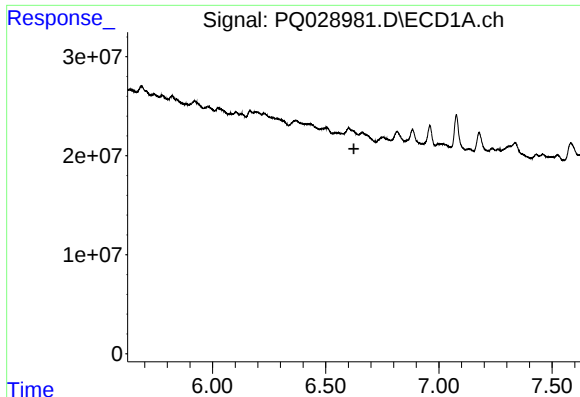
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.366 min
Response: 0
Conc: N.D.



#22 AR-1248-2

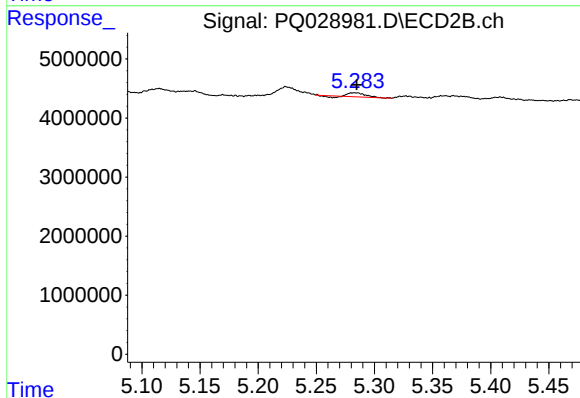
R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 1967013
Conc: 6.39 ng/ml



#23 AR-1248-3

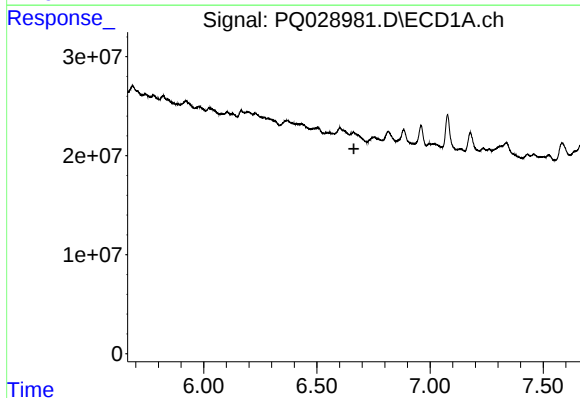
R.T.: 0.000 min
Exp R.T.: 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



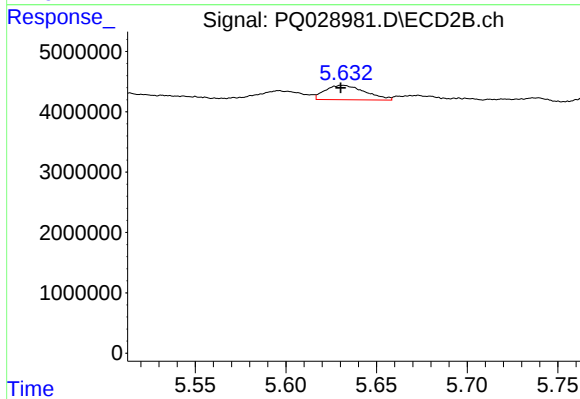
#23 AR-1248-3

R.T.: 5.283 min
Delta R.T.: -0.002 min
Response: 613489
Conc: 1.57 ng/ml



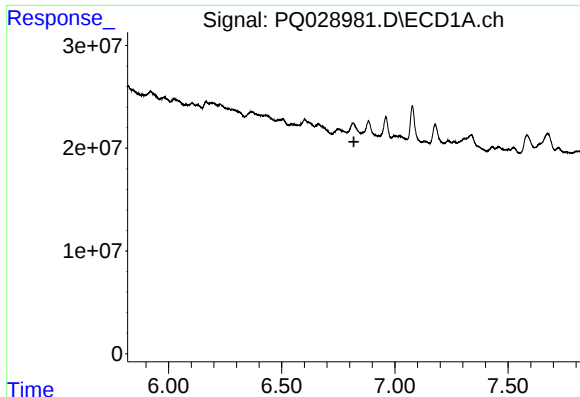
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.663 min
Response: 0
Conc: N.D.



#24 AR-1248-4

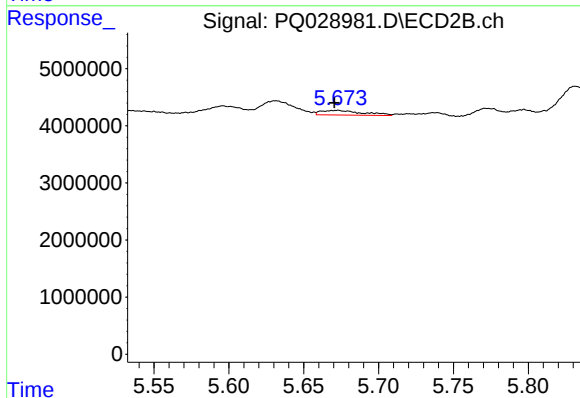
R.T.: 5.631 min
Delta R.T.: 0.001 min
Response: 3653287
Conc: 6.51 ng/ml



#25 AR-1248-5

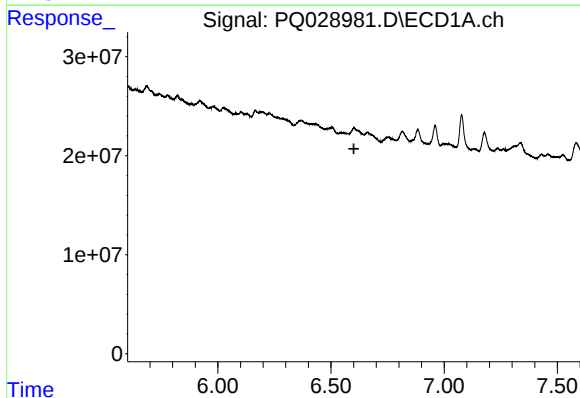
R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



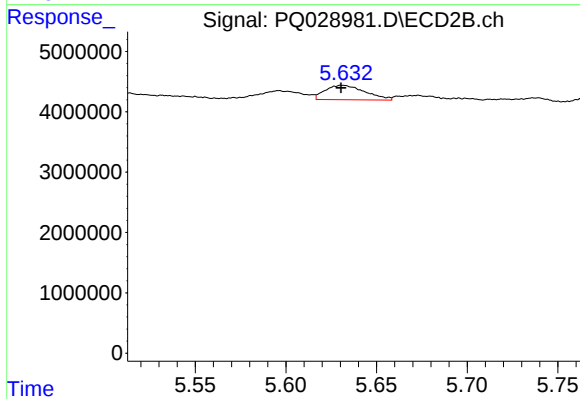
#25 AR-1248-5

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 1597603
Conc: 3.87 ng/ml



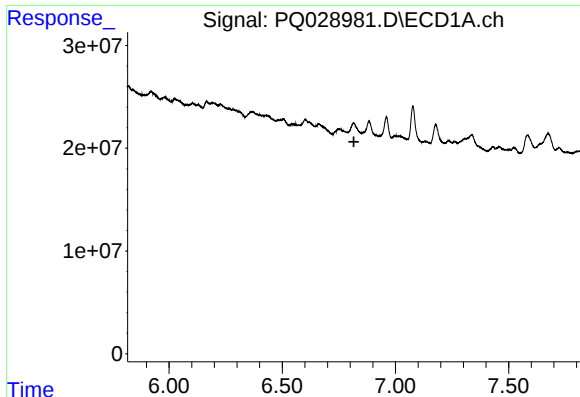
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.601 min
Response: 0
Conc: N.D.



#26 AR-1254-1

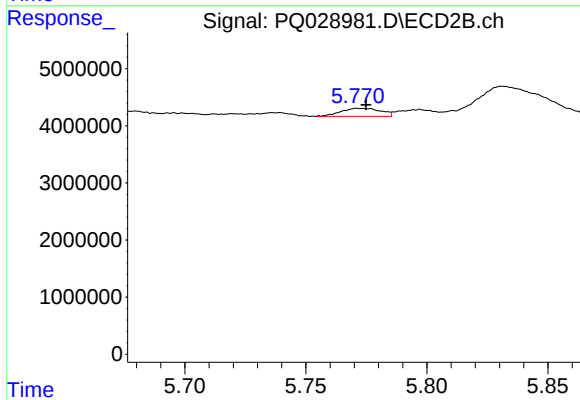
R.T.: 5.631 min
Delta R.T.: 0.001 min
Response: 3653287
Conc: 6.81 ng/ml



#27 AR-1254-2

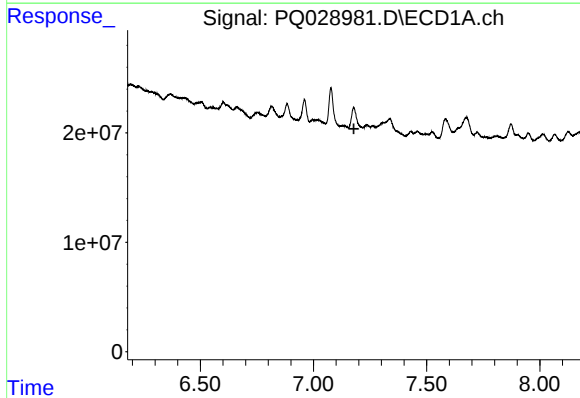
R.T.: 0.000 min
Exp R.T.: 6.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



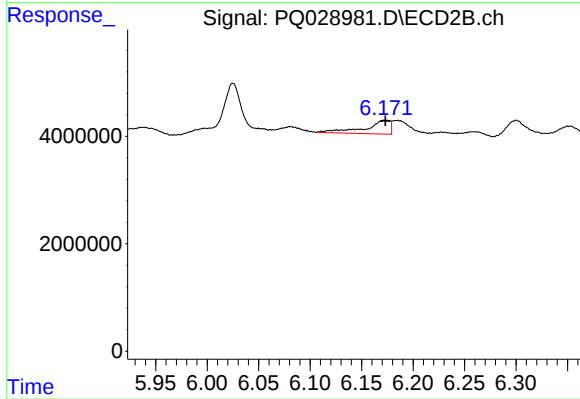
#27 AR-1254-2

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 1613115
Conc: 3.52 ng/ml



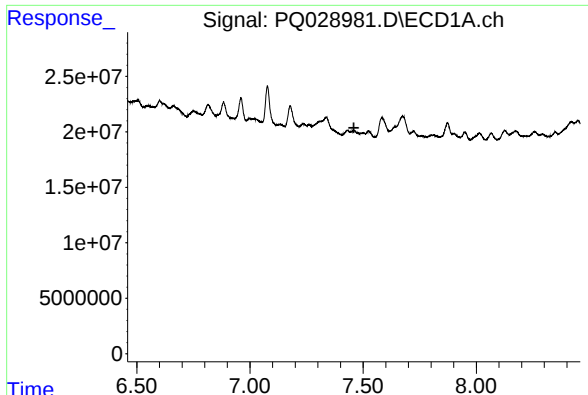
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.179 min
Response: 0
Conc: N.D.



#28 AR-1254-3

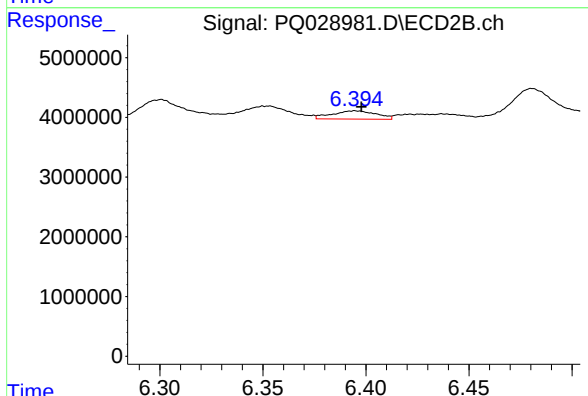
R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 4346798
Conc: 5.49 ng/ml



#29 AR-1254-4

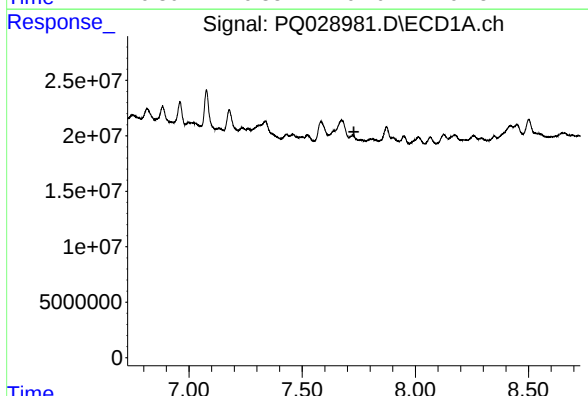
R.T.: 0.000 min
Exp R.T. : 7.459 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



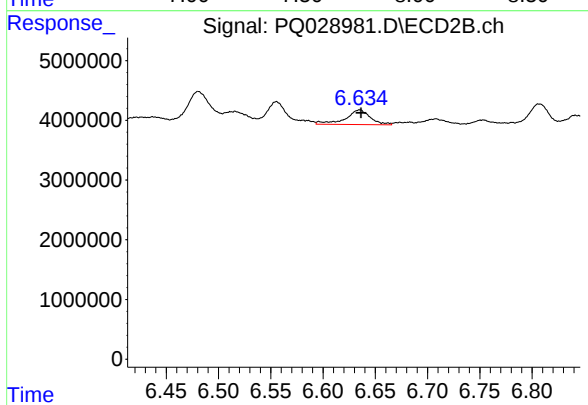
#29 AR-1254-4

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 2056472
Conc: 3.78 ng/ml



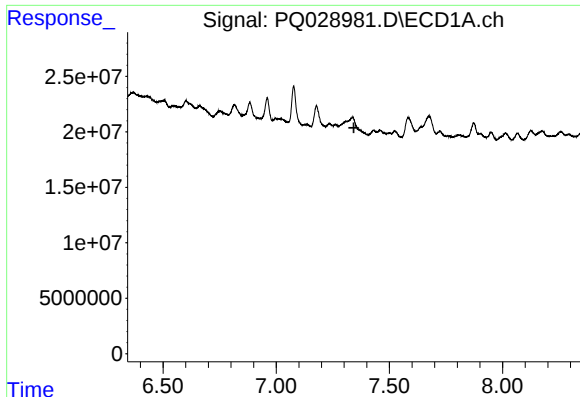
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.729 min
Response: 0
Conc: N.D.



#30 AR-1254-5

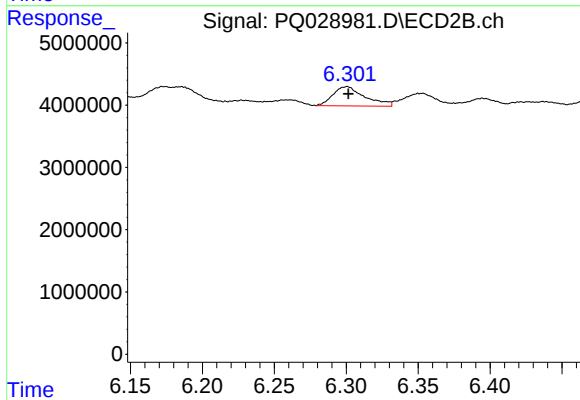
R.T.: 6.635 min
Delta R.T.: -0.001 min
Response: 4057742
Conc: 11.73 ng/ml



#31 AR-1260-1

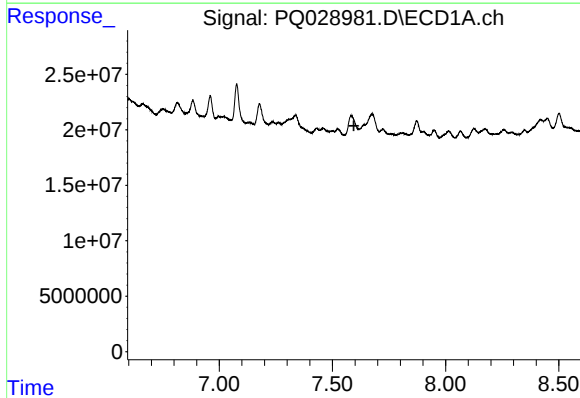
R.T.: 0.000 min
Exp R.T.: 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



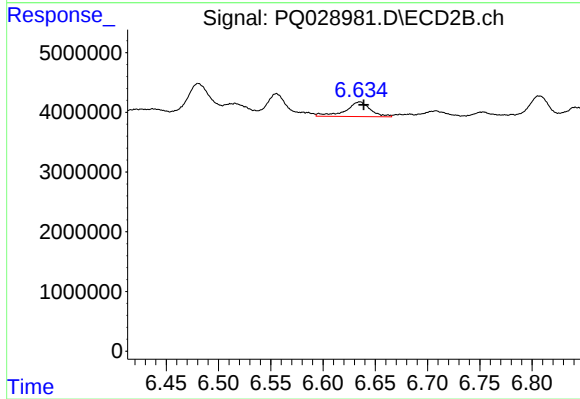
#31 AR-1260-1

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 4770893
Conc: 7.74 ng/ml



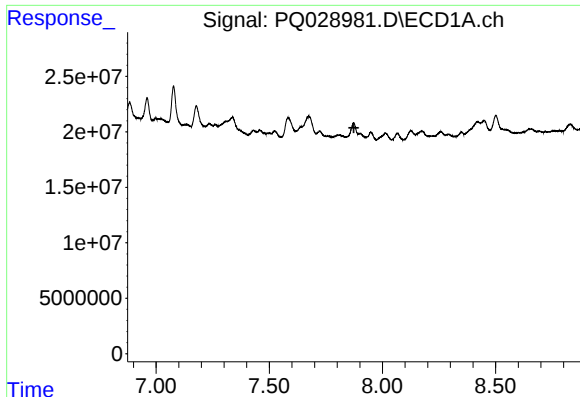
#32 AR-1260-2

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



#32 AR-1260-2

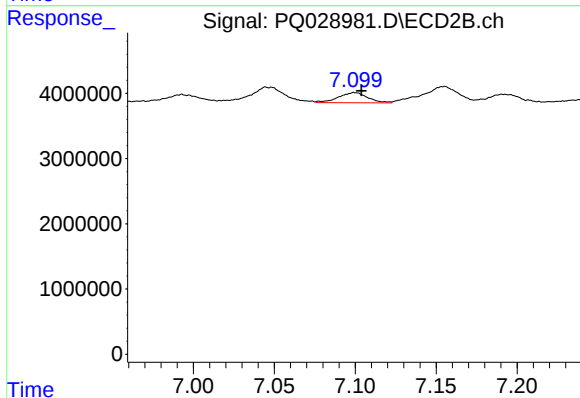
R.T.: 6.635 min
Delta R.T.: -0.004 min
Response: 4057742
Conc: 5.73 ng/ml



#33 AR-1260-3

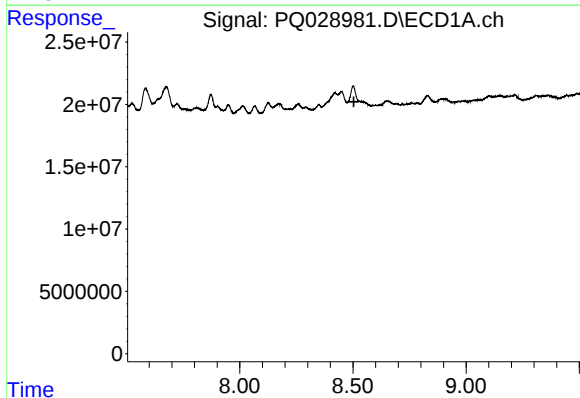
R.T.: 0.000 min
Exp R.T. : 7.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



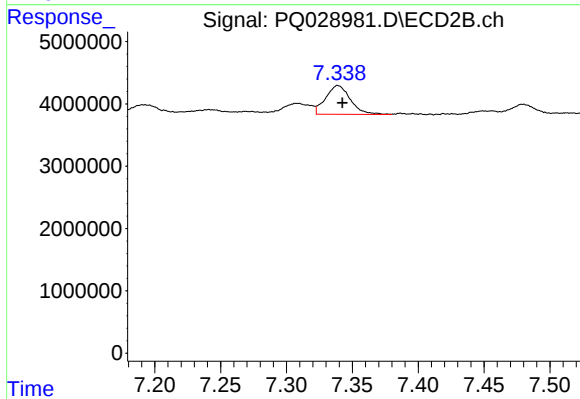
#33 AR-1260-3

R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 1933879
Conc: 3.26 ng/ml



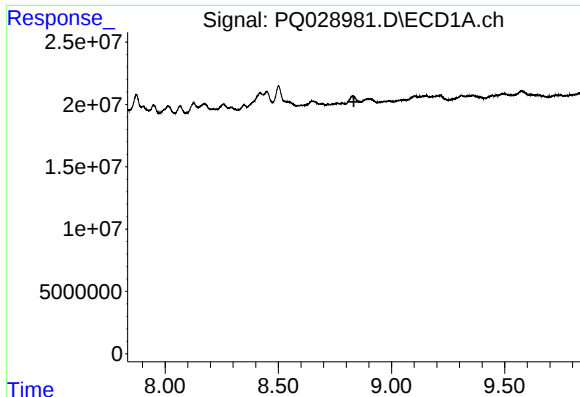
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.504 min
Response: 0
Conc: N.D.



#34 AR-1260-4

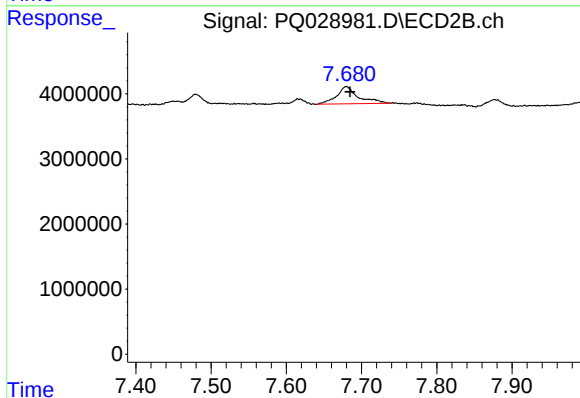
R.T.: 7.339 min
Delta R.T.: -0.003 min
Response: 6063375
Conc: 4.15 ng/ml



#35 AR-1260-5

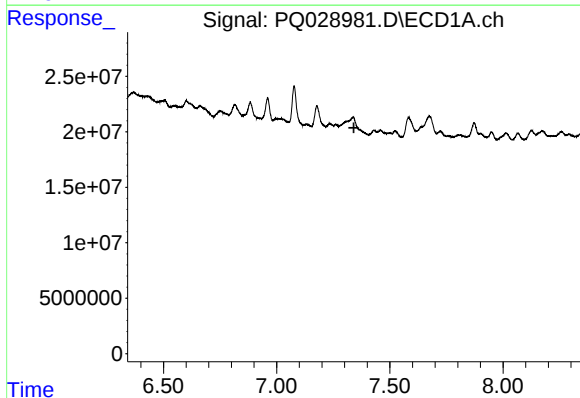
R.T.: 0.000 min
Exp R.T. : 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



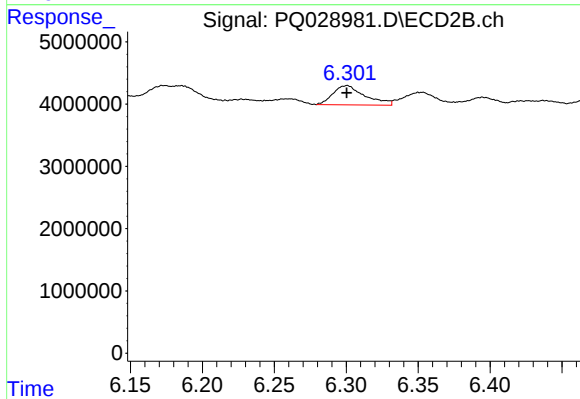
#35 AR-1260-5

R.T.: 7.680 min
Delta R.T.: -0.005 min
Response: 5304065
Conc: 5.05 ng/ml



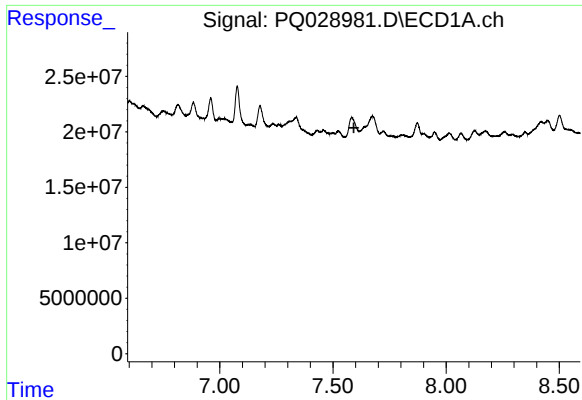
#36 AR-1262-1

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



#36 AR-1262-1

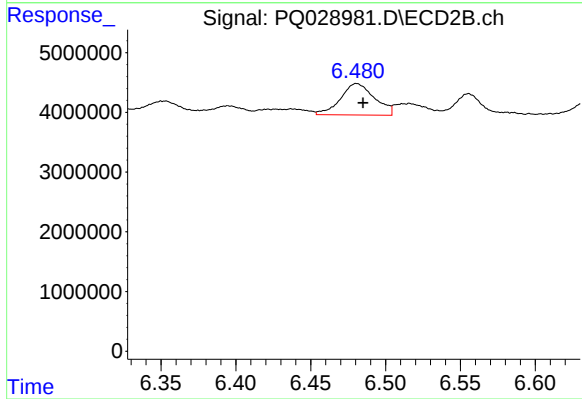
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 4770893
Conc: 9.53 ng/ml



#37 AR-1262-2

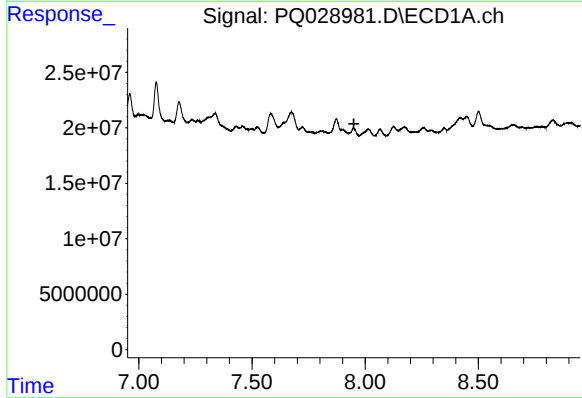
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



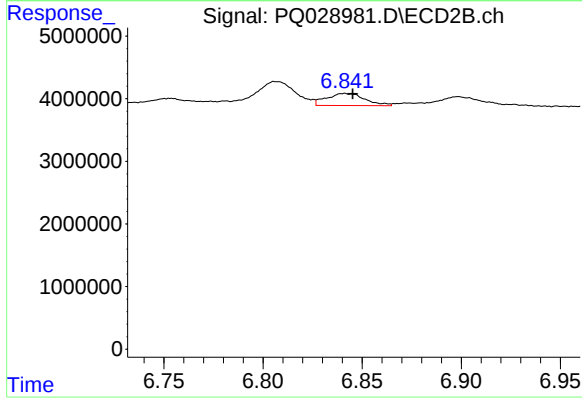
#37 AR-1262-2

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 8328911
Conc: 13.05 ng/ml



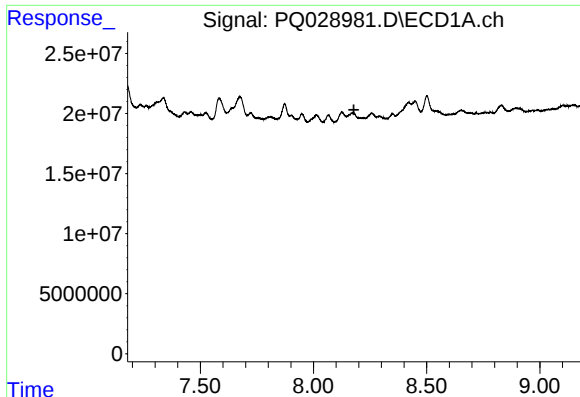
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 7.950 min
Response: 0
Conc: N.D.



#38 AR-1262-3

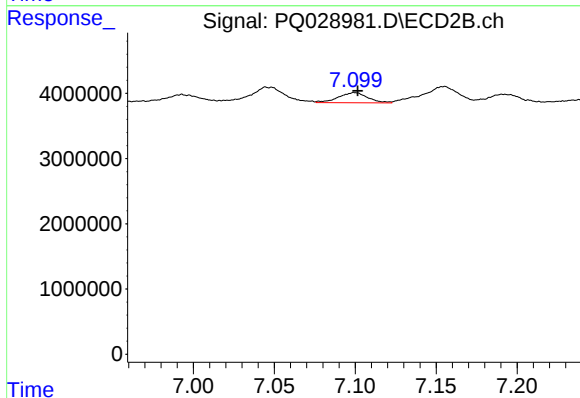
R.T.: 6.841 min
Delta R.T.: -0.004 min
Response: 2627003
Conc: 2.90 ng/ml



#39 AR-1262-4

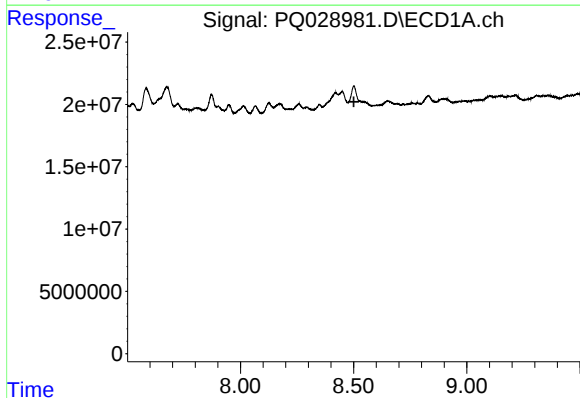
R.T.: 0.000 min
Exp R.T.: 8.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



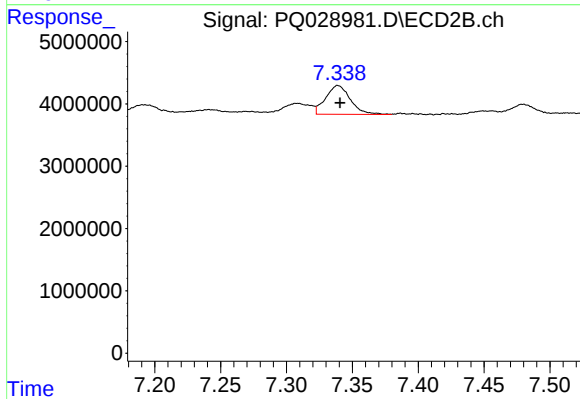
#39 AR-1262-4

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 1933879
Conc: 2.43 ng/ml



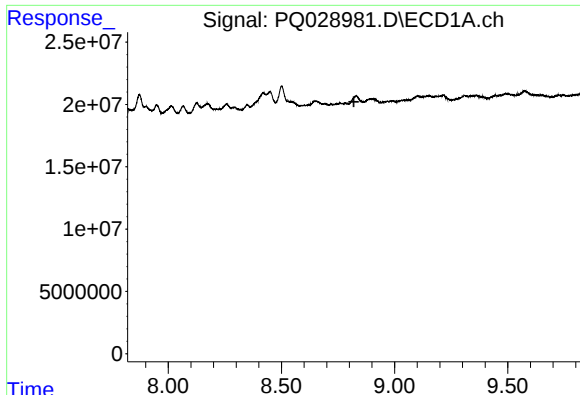
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.501 min
Response: 0
Conc: N.D.



#40 AR-1262-5

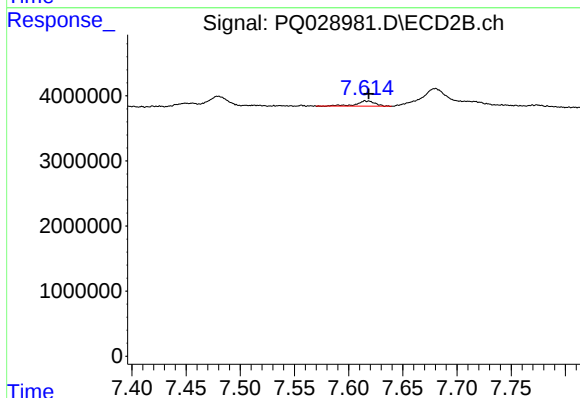
R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 6063375
Conc: 3.61 ng/ml



#41 AR-1268-1

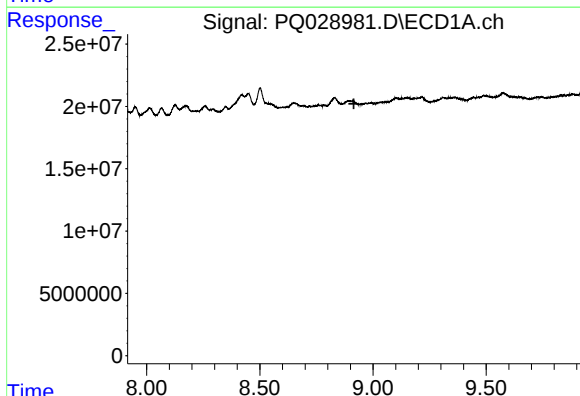
R.T.: 0.000 min
Exp R.T.: 8.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



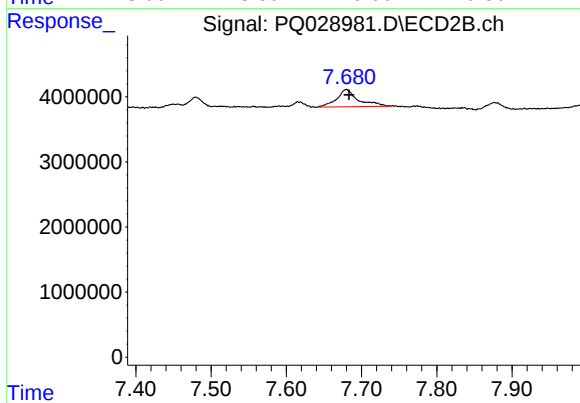
#41 AR-1268-1

R.T.: 7.615 min
Delta R.T.: -0.003 min
Response: 965191
Conc: 0.53 ng/ml



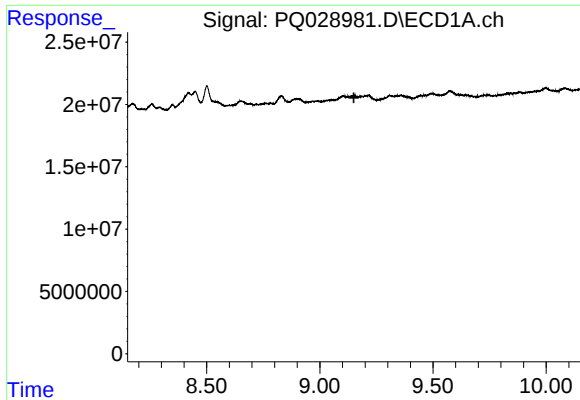
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.916 min
Response: 0
Conc: N.D.



#42 AR-1268-2

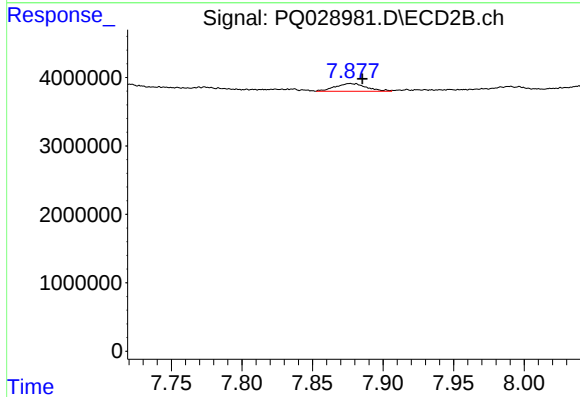
R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 5304065
Conc: 2.99 ng/ml



#43 AR-1268-3

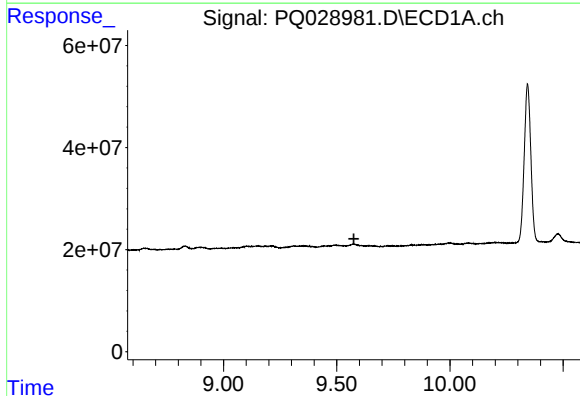
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



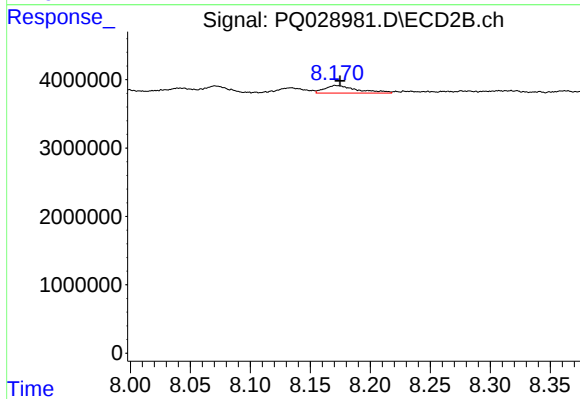
#43 AR-1268-3

R.T.: 7.877 min
Delta R.T.: -0.009 min
Response: 1742271
Conc: 1.27 ng/ml



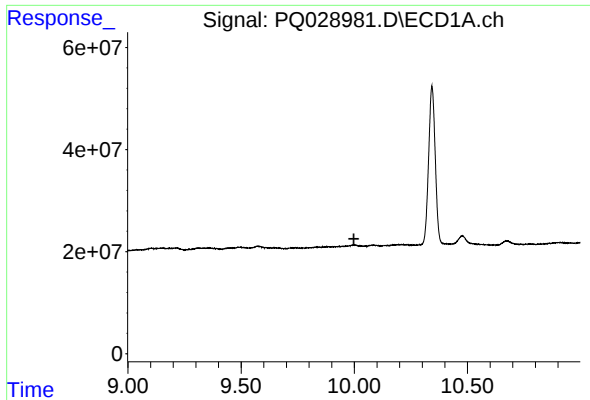
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.576 min
Response: 0
Conc: N.D.



#44 AR-1268-4

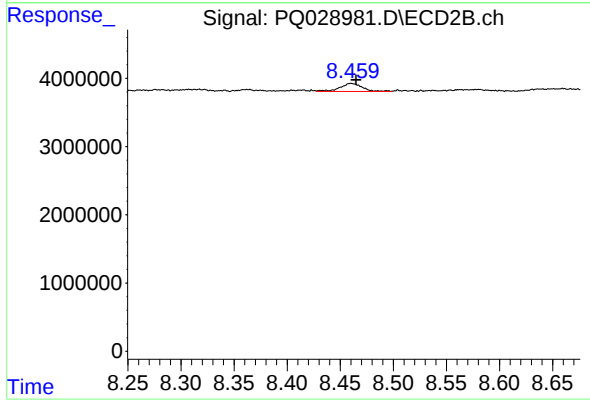
R.T.: 8.171 min
Delta R.T.: -0.004 min
Response: 2116099
Conc: 3.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.998 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.460 min
Delta R.T.: -0.005 min
Response: 1721863
Conc: 0.39 ng/ml