

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102620\
 Data File : PQ050686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2020 14:39
 Operator : DD\AJ
 Sample : L4510-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 01:19:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 23 16:18:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.191	4.265	387.9E6	134.1E6	17.837	21.404
2)	SA Decachlor...	11.364	9.609	251.9E6	106.9E6	20.136	16.093
Target Compounds							
3)	L1 AR-1016-1	0.000	5.519	0	4561642	N.D.	18.929 #
4)	L1 AR-1016-2	0.000	5.551	0	4476614	N.D.	13.623 #
5)	L1 AR-1016-3	0.000	5.724	0	6701983	N.D.	38.862 #
6)	L1 AR-1016-4	6.718	5.786	14506443	1590988	27.288	12.018 #
7)	L1 AR-1016-5	0.000	5.991f	0	1633555	N.D.	9.485 #
8)	L2 AR-1221-1	5.467f	4.536f	1267.2E6	151947	6328.657	2.633 #
9)	L2 AR-1221-2	5.547	4.600f	79764557	258.8E6	543.092	6010.472 #
10)	L2 AR-1221-3	5.662f	4.710	240.6E6	1884340	520.630	13.687 #
11)	L3 AR-1232-1	5.662f	4.710	240.6E6	1884340	616.307	16.109 #
12)	L3 AR-1232-2	0.000	5.551	0	4476614	N.D.	36.286 #
13)	L3 AR-1232-3	0.000	5.724	0	6701983	N.D.	104.539 #
14)	L3 AR-1232-4	6.718	5.817f	14506443	31834501	74.153	588.730 #
15)	L3 AR-1232-5	6.805	5.991f	102.4E6	1633555	723.829	27.206 #
16)	L4 AR-1242-1	0.000	5.519	0	4561642	N.D.	29.614 #
17)	L4 AR-1242-2	0.000	5.551	0	4476614	N.D.	20.764 #
18)	L4 AR-1242-3	0.000	5.724	0	6701983	N.D.	59.279 #
19)	L4 AR-1242-4	6.718	5.817f	14506443	31834501	42.993	300.609 #
20)	L4 AR-1242-5	0.000	6.397	0	2990642	N.D.	20.534 #
21)	L5 AR-1248-1	0.000	5.519	0	4561642	N.D.	34.648 #
22)	L5 AR-1248-2	6.805	5.786	102.4E6	1590988	185.620	9.216 #
23)	L5 AR-1248-3	0.000	5.817f	0	31834501	N.D.	179.055 #
24)	L5 AR-1248-4	0.000	5.991f	0	1633555	N.D.	7.708 #
25)	L5 AR-1248-5	0.000	6.440	0	508149	N.D.	2.228 #
26)	L6 AR-1254-1	0.000	6.397	0	2990642	N.D.	10.195 #
27)	L6 AR-1254-2	7.648f	6.554	48678974	2231030	57.456	8.857 #
28)	L6 AR-1254-3	8.043	6.975	9723409	8247889	11.445	19.829 #
29)	L6 AR-1254-4	8.343	7.213	5385932	4349492	8.214	15.165 #
30)	L6 AR-1254-5	8.773	7.642	7752187	5999674	12.152	15.833 #
31)	L7 AR-1260-1	8.210	7.113	5875326	9034487	7.635	28.258 #
32)	L7 AR-1260-2	8.479	7.308	20318164	2242580	21.472	5.317 #
33)	L7 AR-1260-3	8.843	7.459	4642820	2538114	6.465	6.873
34)	L7 AR-1260-4	9.083	7.943	3596948	1727264	4.933	5.417
35)	L7 AR-1260-5	9.430	8.193	4851087	3223134	3.234	3.692
36)	L8 AR-1262-1	8.843	7.642	4642820	5999674	5.768	29.165 #
37)	L8 AR-1262-2	9.430	8.193	4851087	3223134	3.612	3.938
38)	L8 AR-1262-3	0.000	8.480	0	2128483	N.D.	6.100 #
39)	L8 AR-1262-4	0.000	8.545	0	3907741	N.D.	6.708 #
40)	L8 AR-1262-5	0.000	9.050	0	1095391	N.D.	3.828 #
41)	L9 AR-1268-1	0.000	8.480	0	2128483	N.D.	2.242 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102620\
 Data File : PQ050686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2020 14:39
 Operator : DD\AJ
 Sample : L4510-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

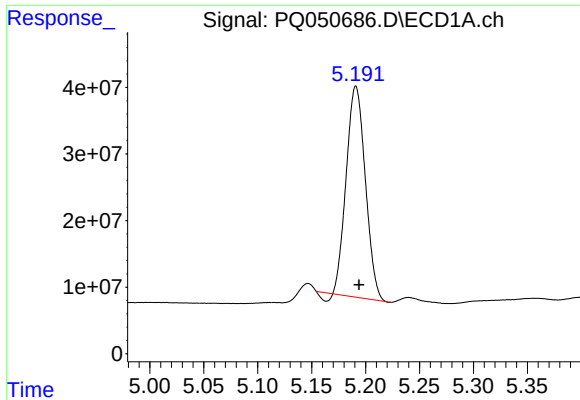
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 01:19:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 23 16:18:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.545	0	3907741	N.D.	4.689 #
43) L9	AR-1268-3	0.000	8.753	0	3445605	N.D.	4.866 #
44) L9	AR-1268-4	0.000	9.050	0	1095391	N.D.	3.567 #
45) L9	AR-1268-5	11.010	9.347	6279771	1966055	1.956	0.934 #

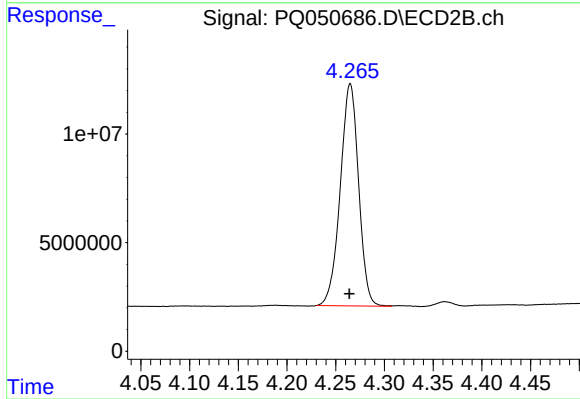
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

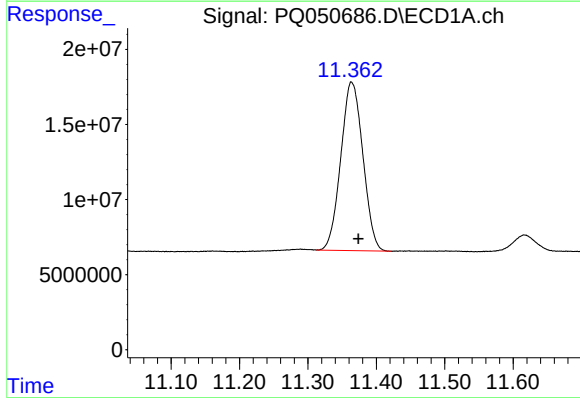
R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 387903636
Conc: 17.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



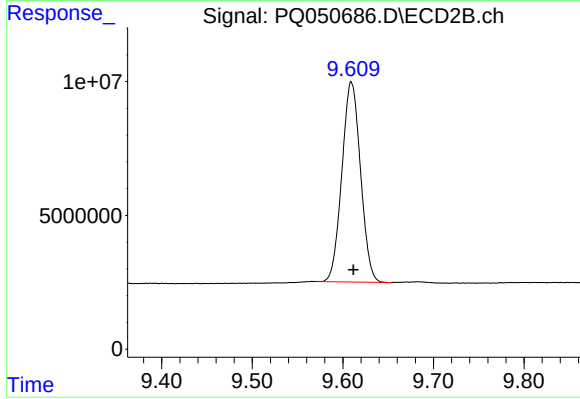
#1 Tetrachloro-m-xylene

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 134088707
Conc: 21.40 ng/ml



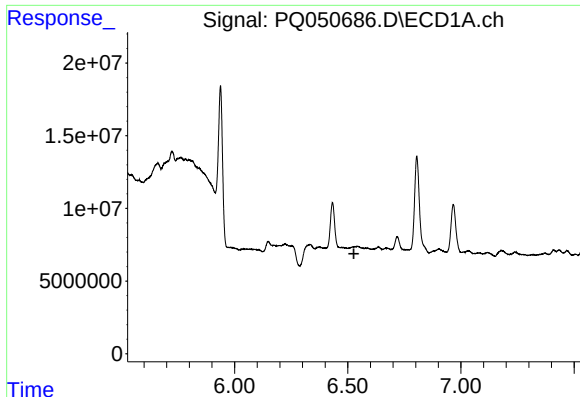
#2 Decachlorobiphenyl

R.T.: 11.364 min
Delta R.T.: -0.010 min
Response: 251867739
Conc: 20.14 ng/ml



#2 Decachlorobiphenyl

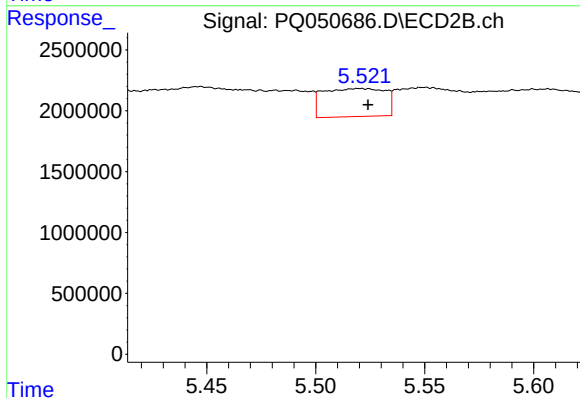
R.T.: 9.609 min
Delta R.T.: -0.002 min
Response: 106883003
Conc: 16.09 ng/ml



#3 AR-1016-1

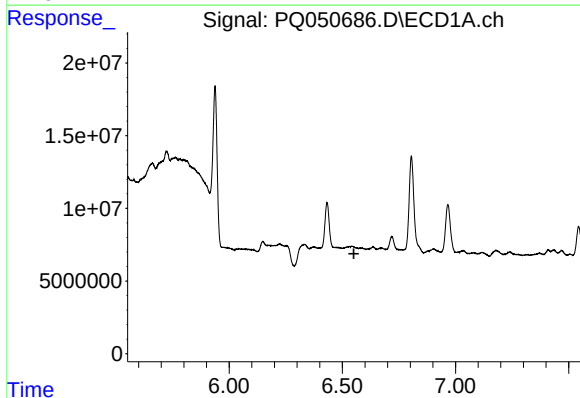
R.T.: 0.000 min
Exp R.T.: 6.527 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



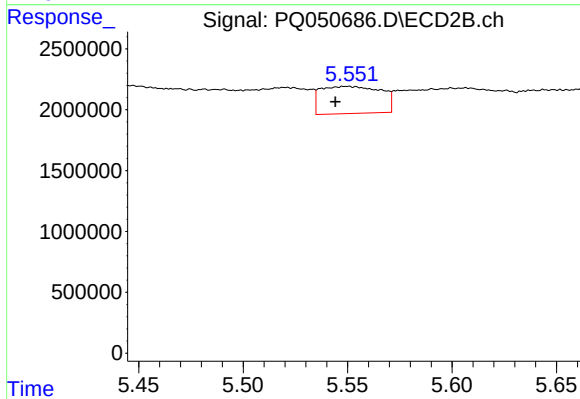
#3 AR-1016-1

R.T.: 5.519 min
Delta R.T.: -0.005 min
Response: 4561642
Conc: 18.93 ng/ml



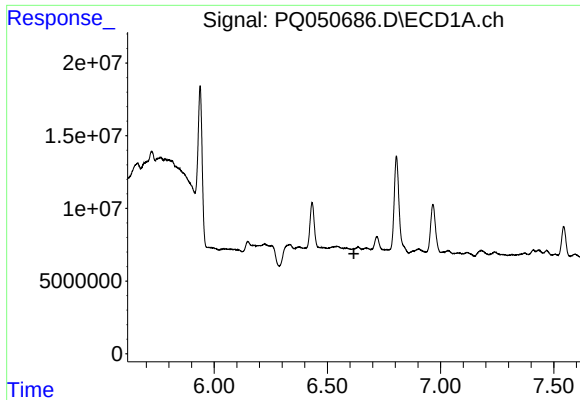
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.551 min
Response: 0
Conc: N.D.



#4 AR-1016-2

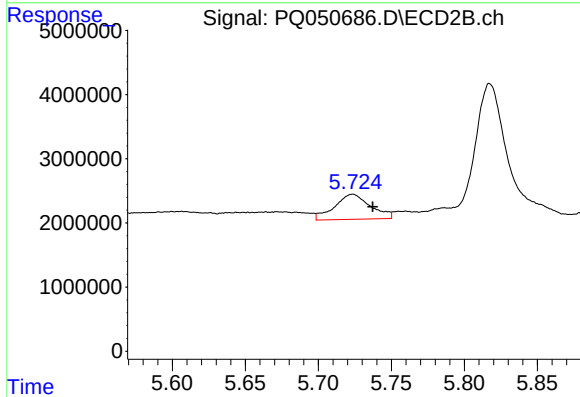
R.T.: 5.551 min
Delta R.T.: 0.007 min
Response: 4476614
Conc: 13.62 ng/ml



#5 AR-1016-3

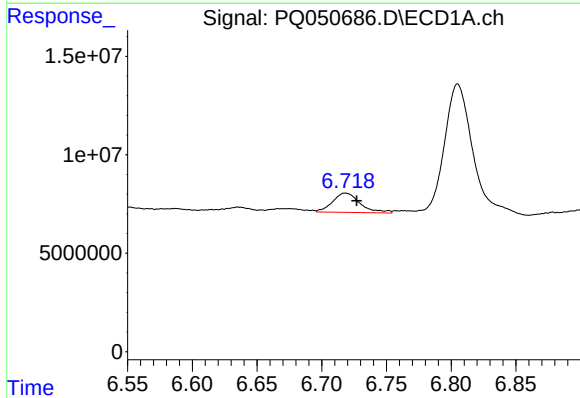
R.T.: 0.000 min
Exp R.T.: 6.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



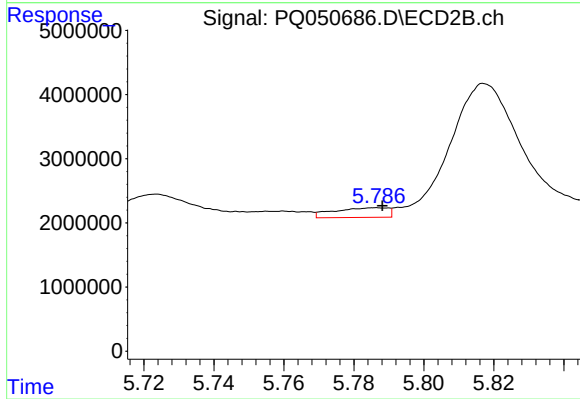
#5 AR-1016-3

R.T.: 5.724 min
Delta R.T.: -0.014 min
Response: 6701983
Conc: 38.86 ng/ml



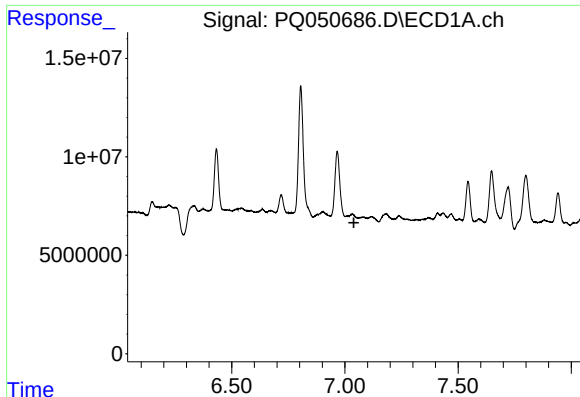
#6 AR-1016-4

R.T.: 6.718 min
Delta R.T.: -0.009 min
Response: 14506443
Conc: 27.29 ng/ml



#6 AR-1016-4

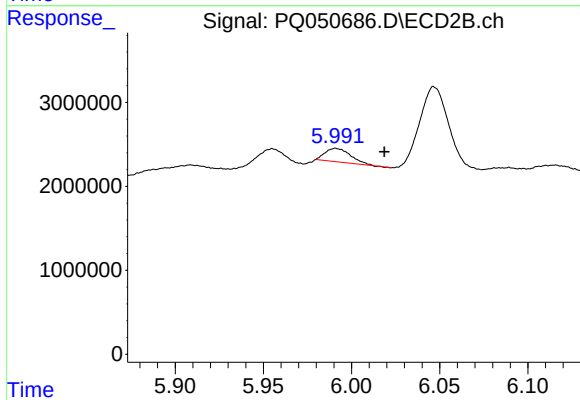
R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 1590988
Conc: 12.02 ng/ml



#7 AR-1016-5

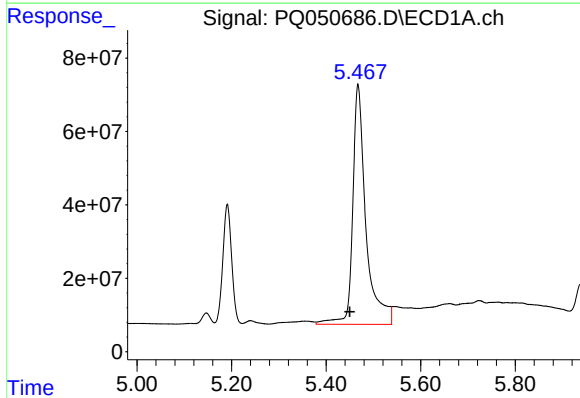
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



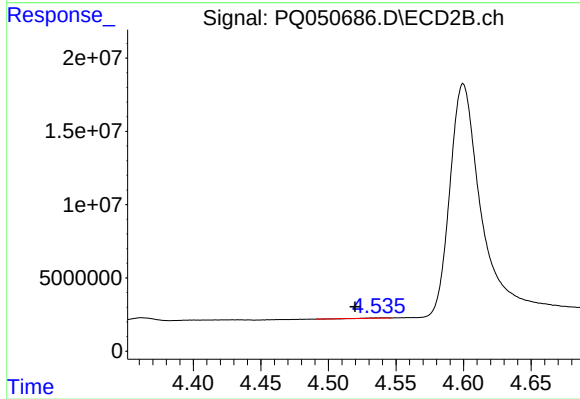
#7 AR-1016-5

R.T.: 5.991 min
Delta R.T.: -0.028 min
Response: 1633555
Conc: 9.48 ng/ml



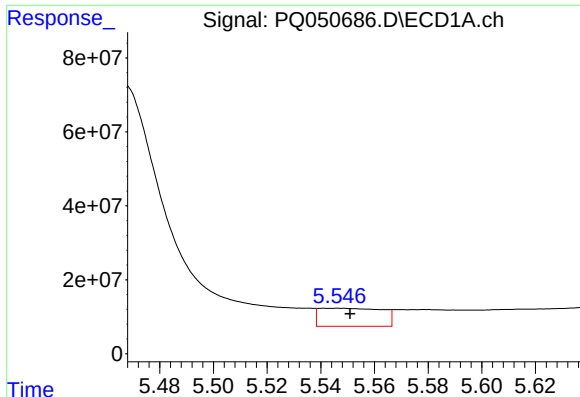
#8 AR-1221-1

R.T.: 5.467 min
Delta R.T.: 0.017 min
Response: 1267232359
Conc: 6328.66 ng/ml



#8 AR-1221-1

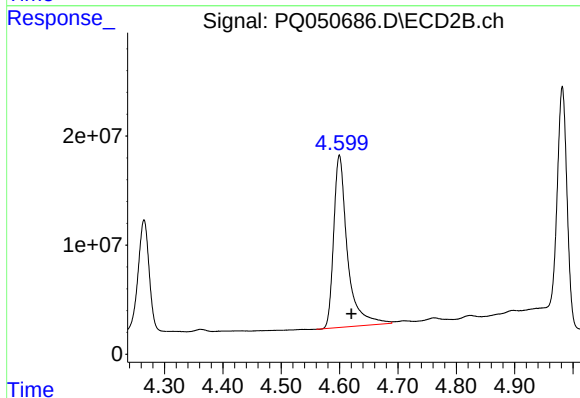
R.T.: 4.536 min
Delta R.T.: 0.016 min
Response: 151947
Conc: 2.63 ng/ml



#9 AR-1221-2

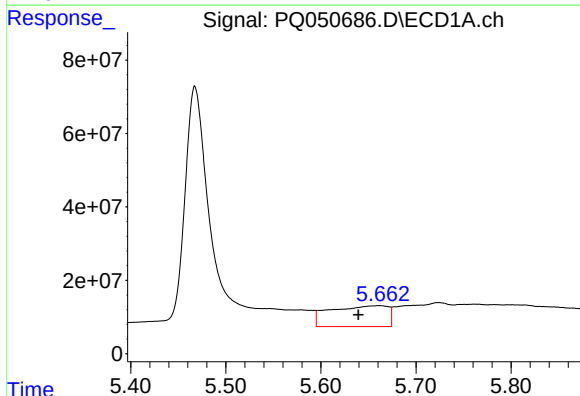
R.T.: 5.547 min
Delta R.T.: -0.004 min
Response: 79764557
Conc: 543.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



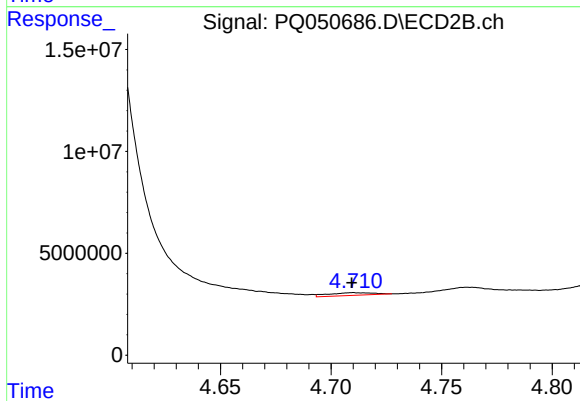
#9 AR-1221-2

R.T.: 4.600 min
Delta R.T.: -0.021 min
Response: 258819759
Conc: 6010.47 ng/ml



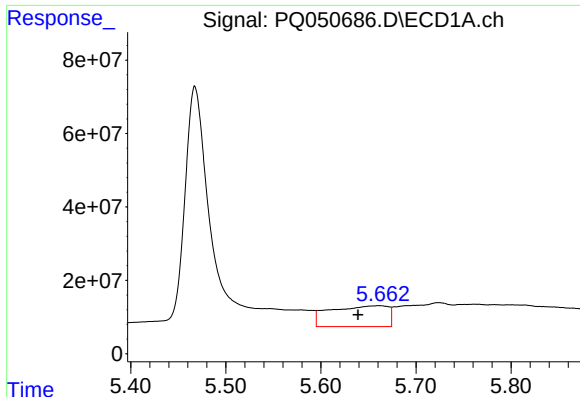
#10 AR-1221-3

R.T.: 5.662 min
Delta R.T.: 0.023 min
Response: 240611850
Conc: 520.63 ng/ml



#10 AR-1221-3

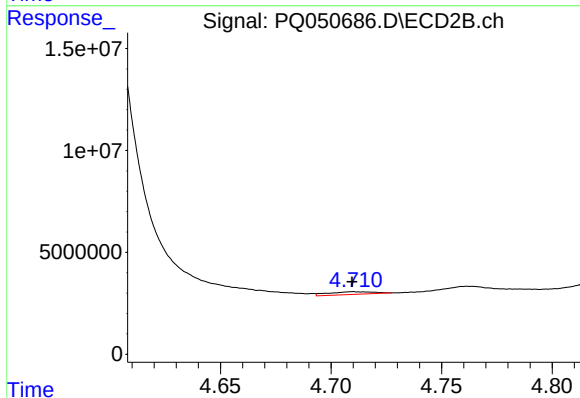
R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 1884340
Conc: 13.69 ng/ml



#11 AR-1232-1

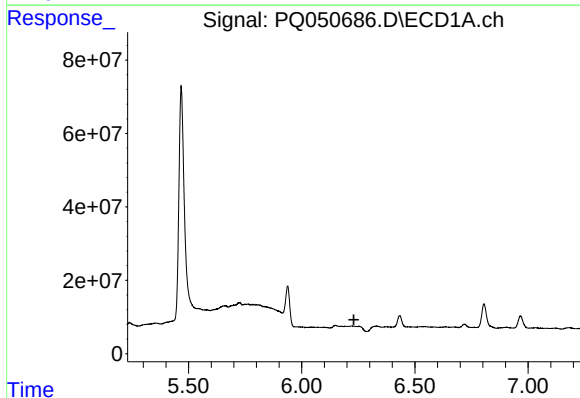
R.T.: 5.662 min
Delta R.T.: 0.023 min
Response: 240611850
Conc: 616.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



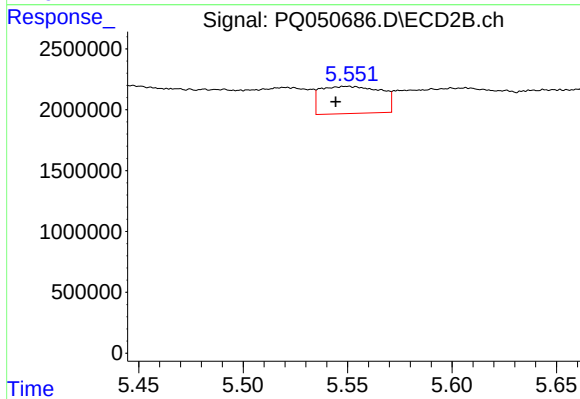
#11 AR-1232-1

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 1884340
Conc: 16.11 ng/ml



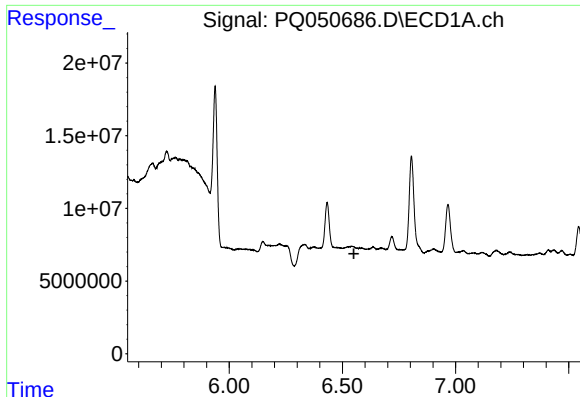
#12 AR-1232-2

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



#12 AR-1232-2

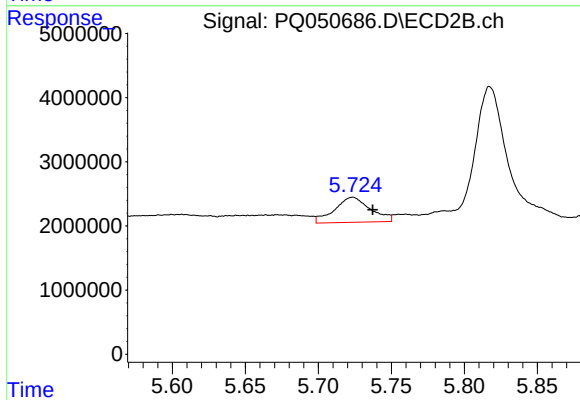
R.T.: 5.551 min
Delta R.T.: 0.006 min
Response: 4476614
Conc: 36.29 ng/ml



#13 AR-1232-3

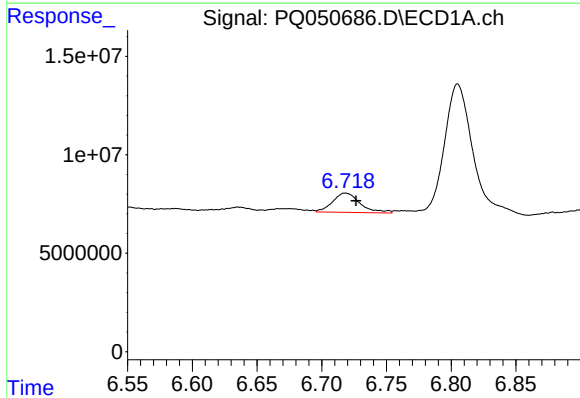
R.T.: 0.000 min
Exp R.T.: 6.551 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



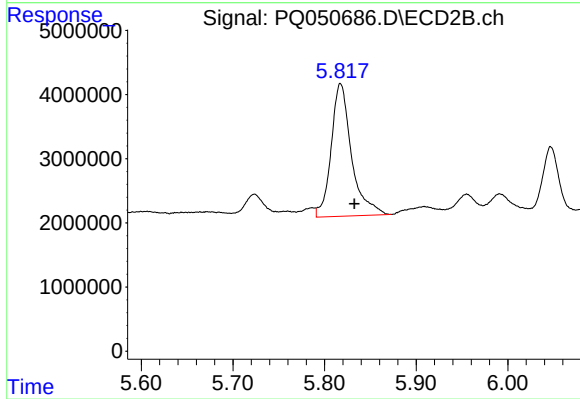
#13 AR-1232-3

R.T.: 5.724 min
Delta R.T.: -0.013 min
Response: 6701983
Conc: 104.54 ng/ml



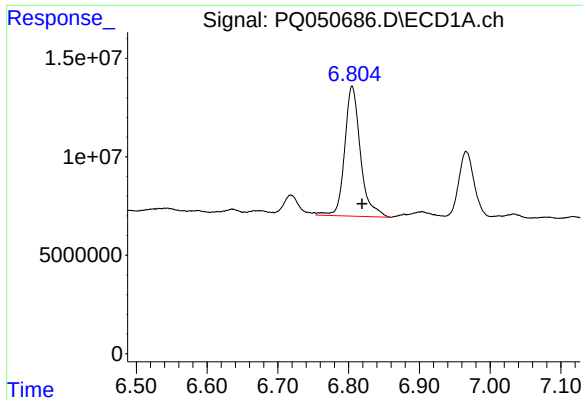
#14 AR-1232-4

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 14506443
Conc: 74.15 ng/ml



#14 AR-1232-4

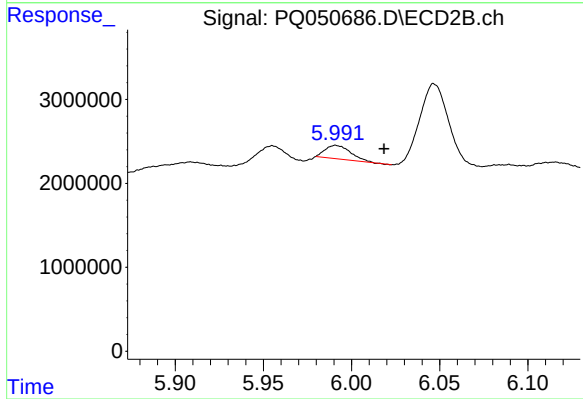
R.T.: 5.817 min
Delta R.T.: -0.015 min
Response: 31834501
Conc: 588.73 ng/ml



#15 AR-1232-5

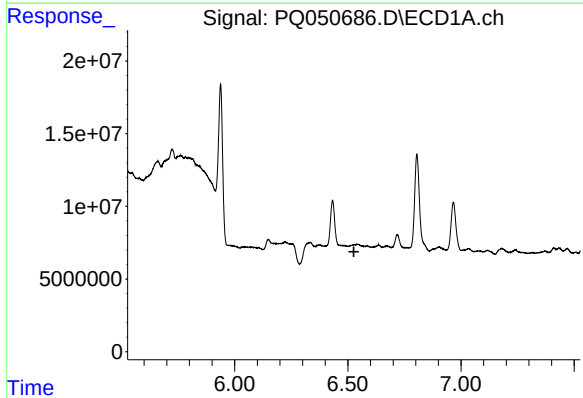
R.T.: 6.805 min
Delta R.T.: -0.014 min
Response: 102364429
Conc: 723.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



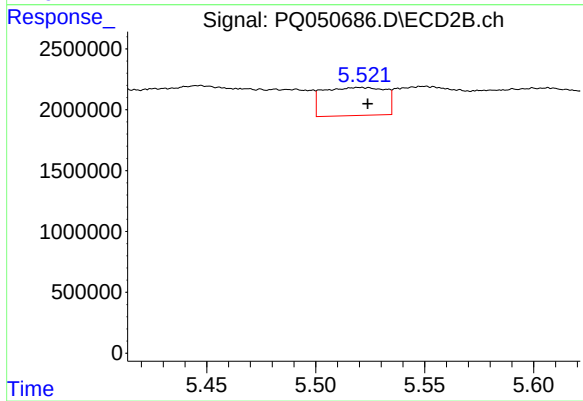
#15 AR-1232-5

R.T.: 5.991 min
Delta R.T.: -0.027 min
Response: 1633555
Conc: 27.21 ng/ml



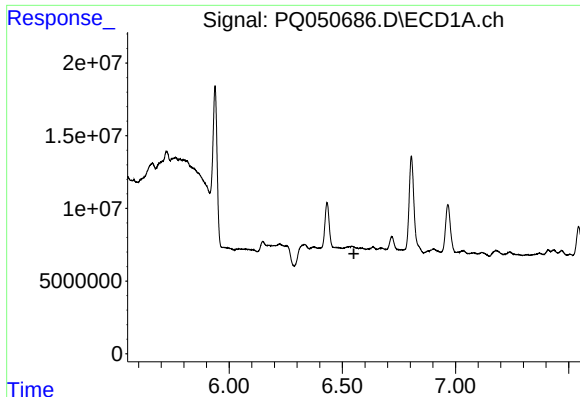
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.527 min
Response: 0
Conc: N.D.



#16 AR-1242-1

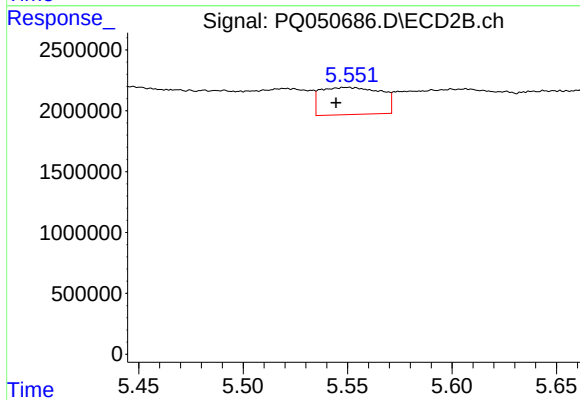
R.T.: 5.519 min
Delta R.T.: -0.005 min
Response: 4561642
Conc: 29.61 ng/ml



#17 AR-1242-2

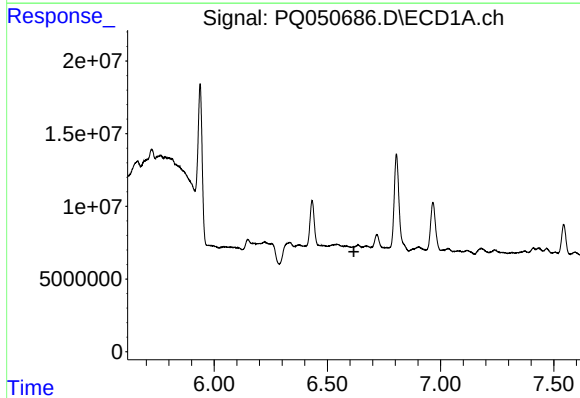
R.T.: 0.000 min
Exp R.T.: 6.551 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



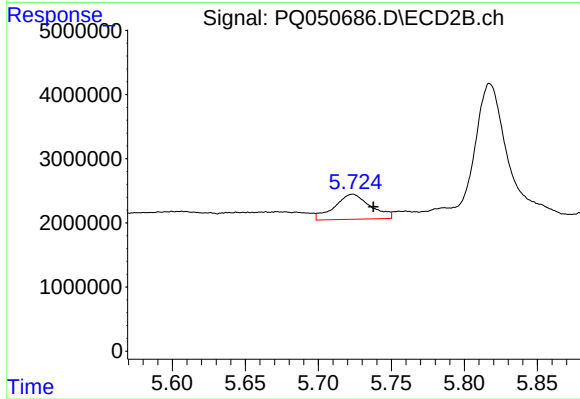
#17 AR-1242-2

R.T.: 5.551 min
Delta R.T.: 0.006 min
Response: 4476614
Conc: 20.76 ng/ml



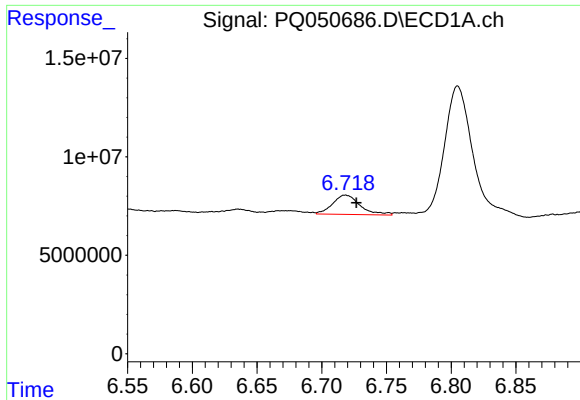
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.617 min
Response: 0
Conc: N.D.



#18 AR-1242-3

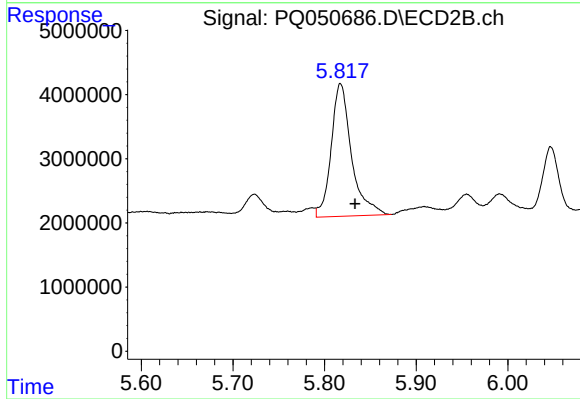
R.T.: 5.724 min
Delta R.T.: -0.014 min
Response: 6701983
Conc: 59.28 ng/ml



#19 AR-1242-4

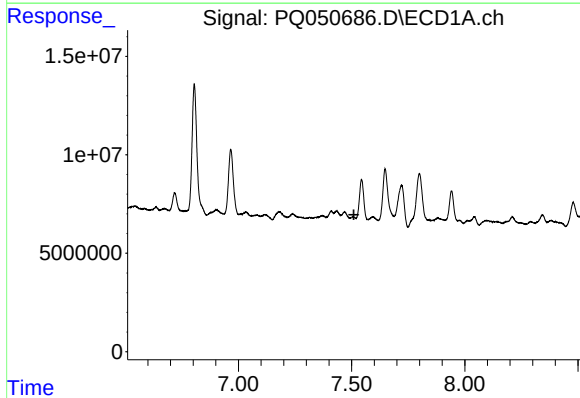
R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 14506443
Conc: 42.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



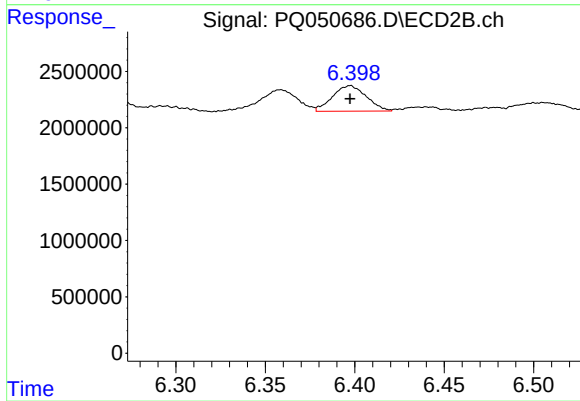
#19 AR-1242-4

R.T.: 5.817 min
Delta R.T.: -0.016 min
Response: 31834501
Conc: 300.61 ng/ml



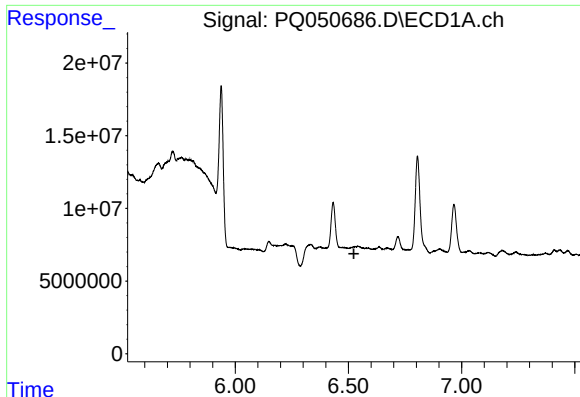
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.510 min
Response: 0
Conc: N.D.



#20 AR-1242-5

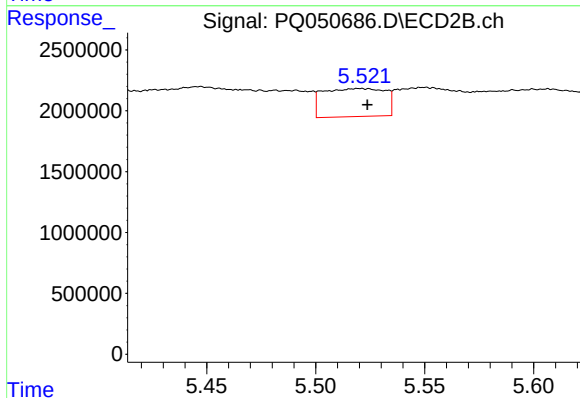
R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 2990642
Conc: 20.53 ng/ml



#21 AR-1248-1

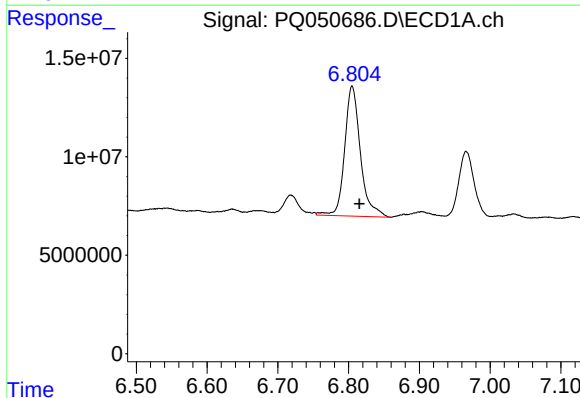
R.T.: 0.000 min
Exp R.T.: 6.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



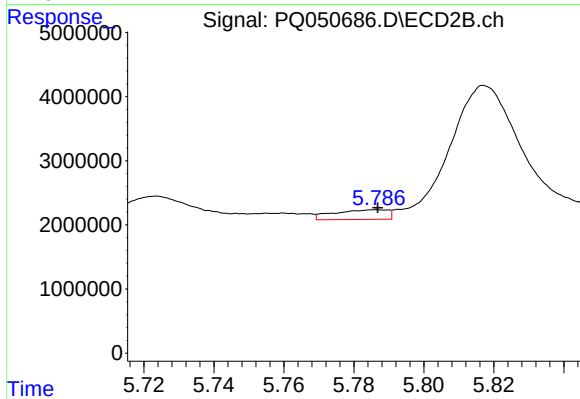
#21 AR-1248-1

R.T.: 5.519 min
Delta R.T.: -0.004 min
Response: 4561642
Conc: 34.65 ng/ml



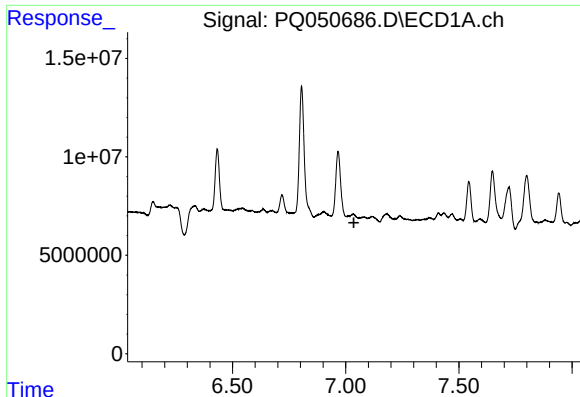
#22 AR-1248-2

R.T.: 6.805 min
Delta R.T.: -0.010 min
Response: 102364429
Conc: 185.62 ng/ml



#22 AR-1248-2

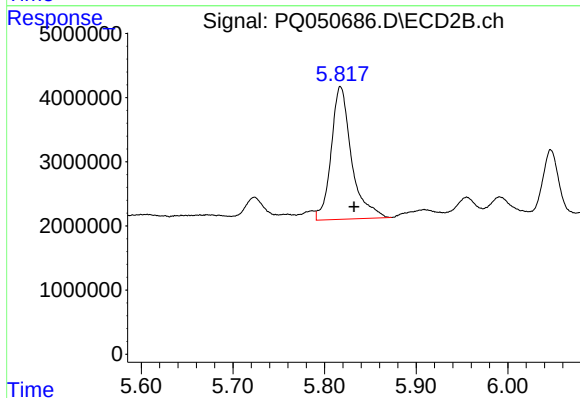
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 1590988
Conc: 9.22 ng/ml



#23 AR-1248-3

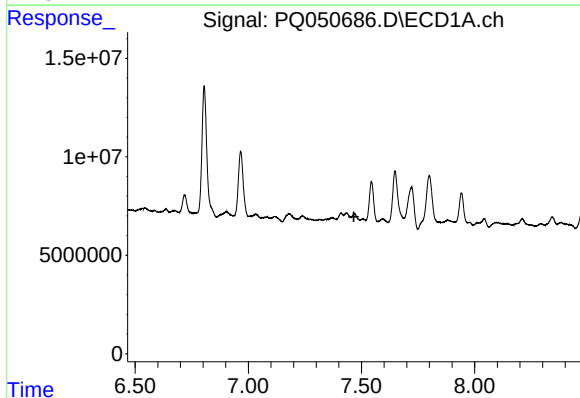
R.T.: 0.000 min
Exp R.T.: 7.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



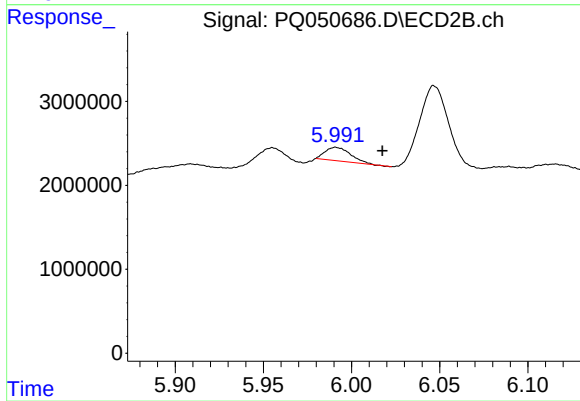
#23 AR-1248-3

R.T.: 5.817 min
Delta R.T.: -0.015 min
Response: 31834501
Conc: 179.05 ng/ml



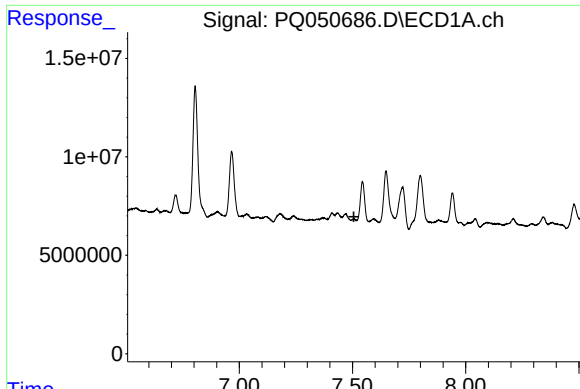
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 7.467 min
Response: 0
Conc: N.D.



#24 AR-1248-4

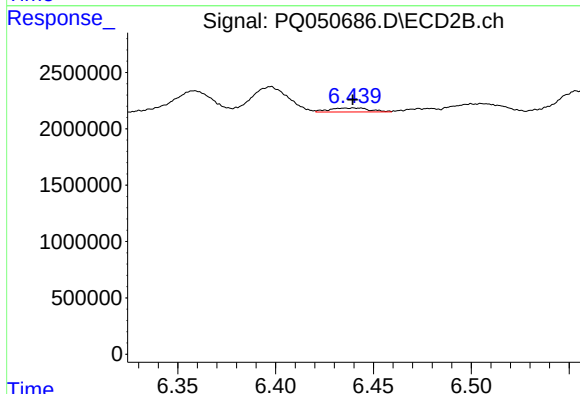
R.T.: 5.991 min
Delta R.T.: -0.026 min
Response: 1633555
Conc: 7.71 ng/ml



#25 AR-1248-5

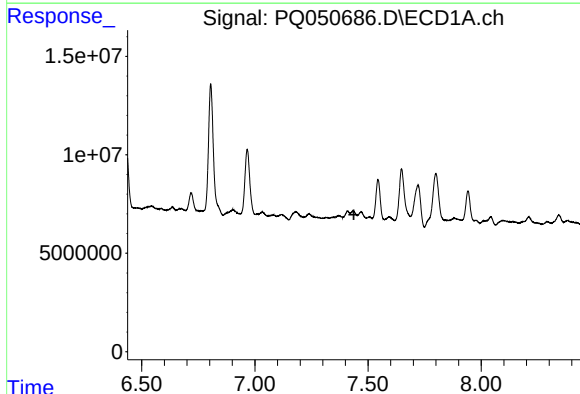
R.T.: 0.000 min
Exp R.T.: 7.506 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



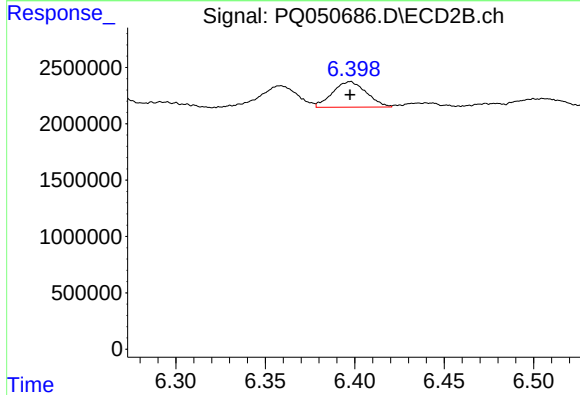
#25 AR-1248-5

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 508149
Conc: 2.23 ng/ml



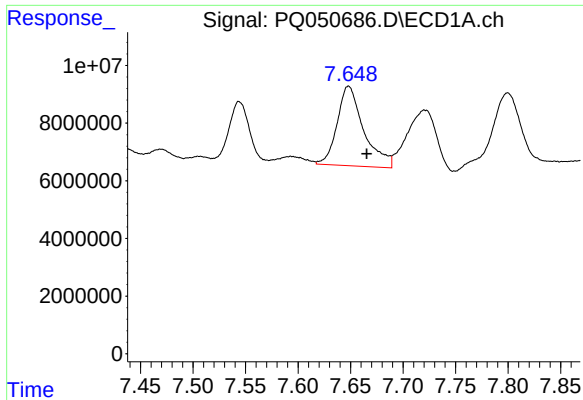
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.437 min
Response: 0
Conc: N.D.



#26 AR-1254-1

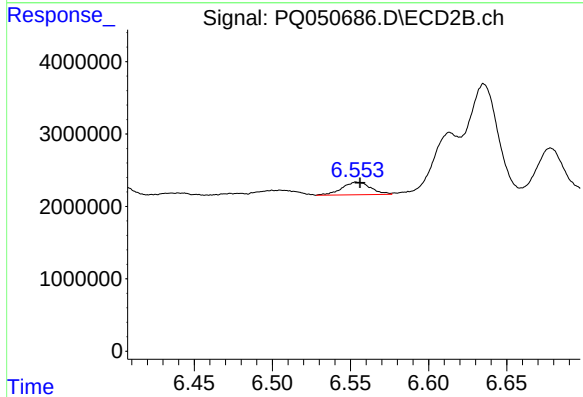
R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 2990642
Conc: 10.19 ng/ml



#27 AR-1254-2

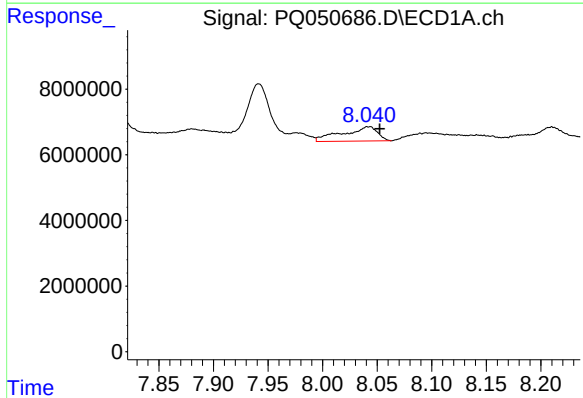
R.T.: 7.648 min
Delta R.T.: -0.017 min
Response: 48678974
Conc: 57.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



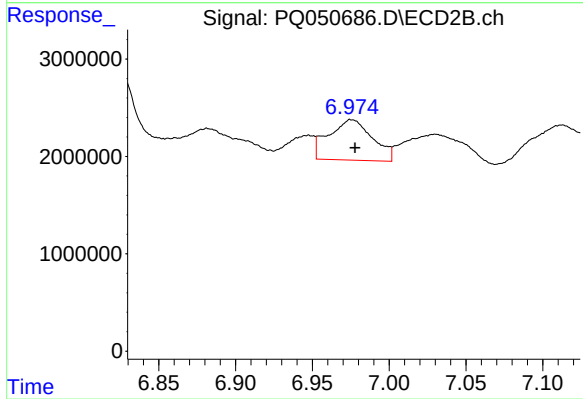
#27 AR-1254-2

R.T.: 6.554 min
Delta R.T.: -0.002 min
Response: 2231030
Conc: 8.86 ng/ml



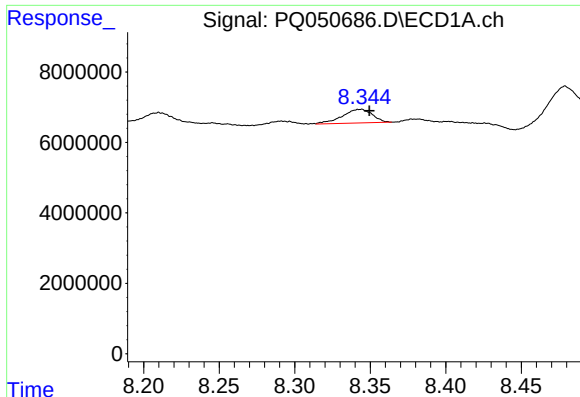
#28 AR-1254-3

R.T.: 8.043 min
Delta R.T.: -0.010 min
Response: 9723409
Conc: 11.44 ng/ml



#28 AR-1254-3

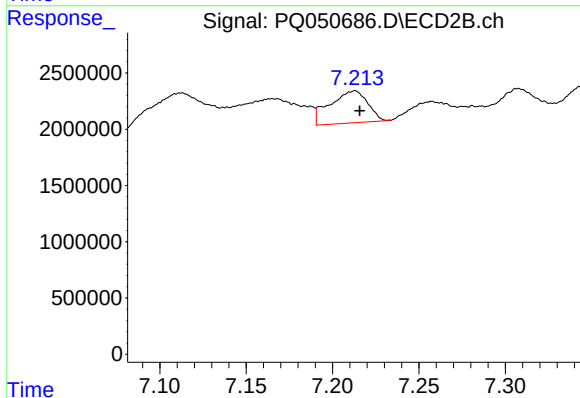
R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 8247889
Conc: 19.83 ng/ml



#29 AR-1254-4

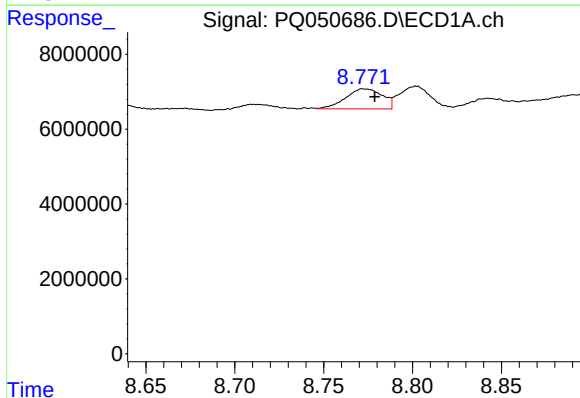
R.T.: 8.343 min
Delta R.T.: -0.006 min
Response: 5385932
Conc: 8.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



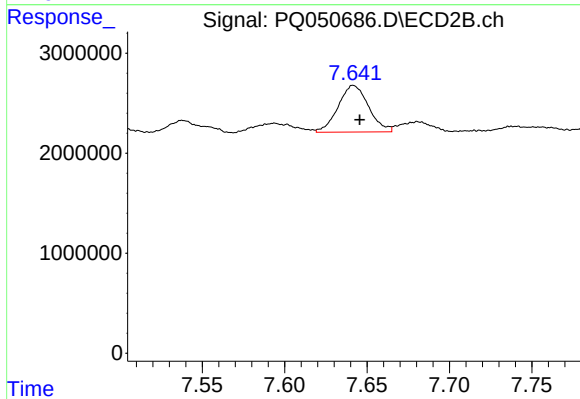
#29 AR-1254-4

R.T.: 7.213 min
Delta R.T.: -0.003 min
Response: 4349492
Conc: 15.16 ng/ml



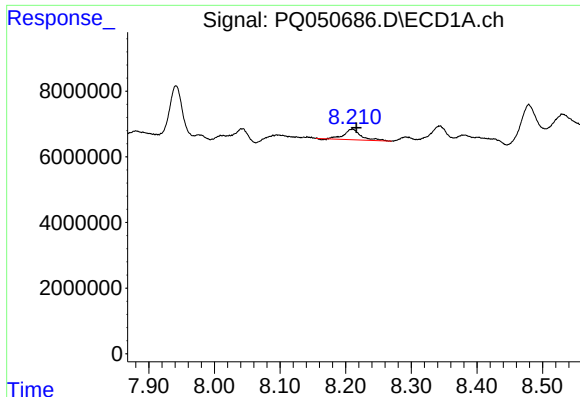
#30 AR-1254-5

R.T.: 8.773 min
Delta R.T.: -0.006 min
Response: 7752187
Conc: 12.15 ng/ml



#30 AR-1254-5

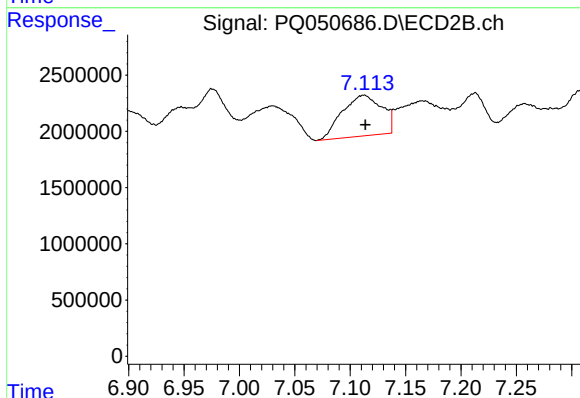
R.T.: 7.642 min
Delta R.T.: -0.004 min
Response: 5999674
Conc: 15.83 ng/ml



#31 AR-1260-1

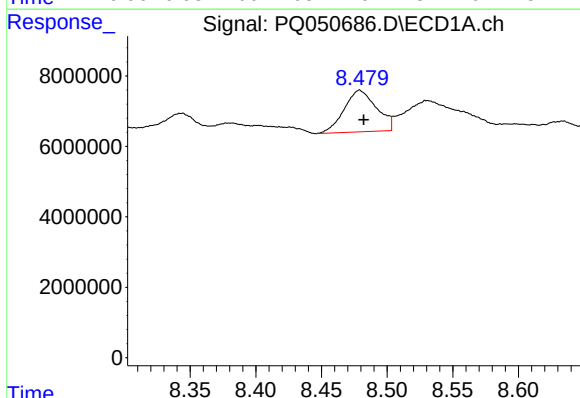
R.T.: 8.210 min
Delta R.T.: -0.006 min
Response: 5875326
Conc: 7.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



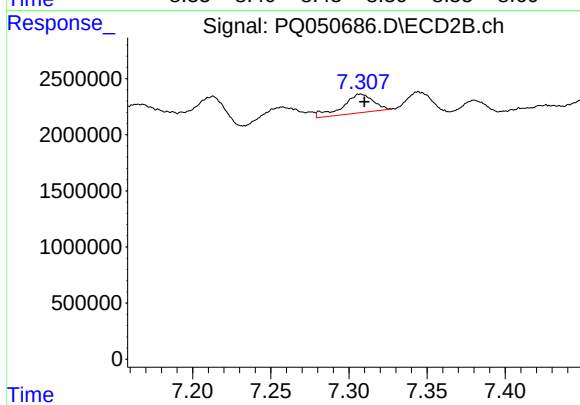
#31 AR-1260-1

R.T.: 7.113 min
Delta R.T.: -0.001 min
Response: 9034487
Conc: 28.26 ng/ml



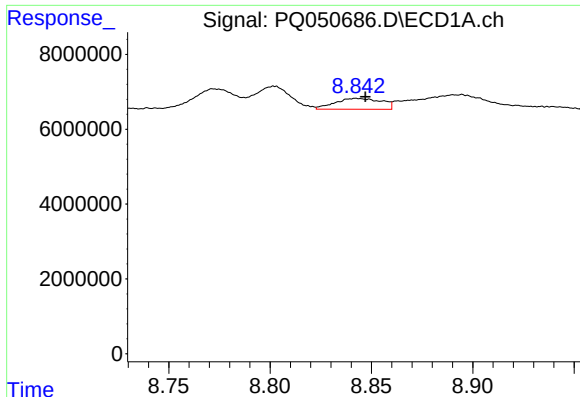
#32 AR-1260-2

R.T.: 8.479 min
Delta R.T.: -0.003 min
Response: 20318164
Conc: 21.47 ng/ml



#32 AR-1260-2

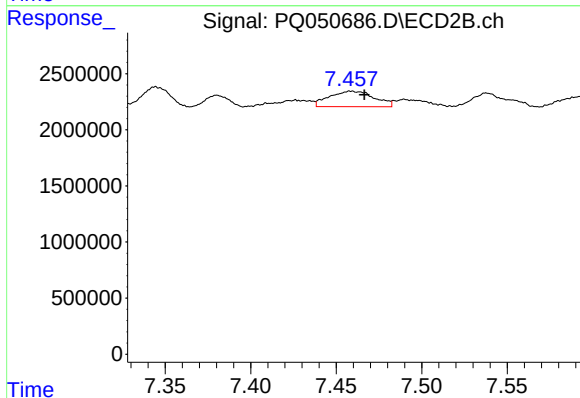
R.T.: 7.308 min
Delta R.T.: -0.002 min
Response: 2242580
Conc: 5.32 ng/ml



#33 AR-1260-3

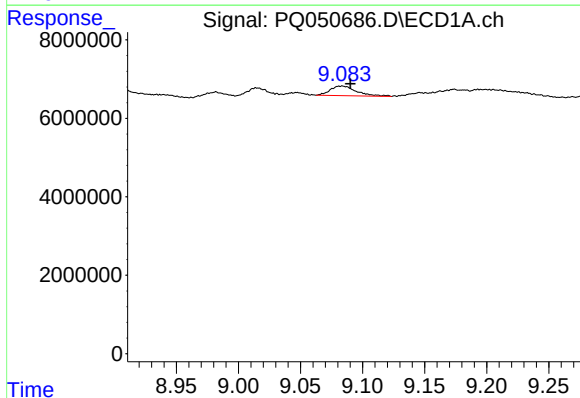
R.T.: 8.843 min
Delta R.T.: -0.005 min
Response: 4642820
Conc: 6.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



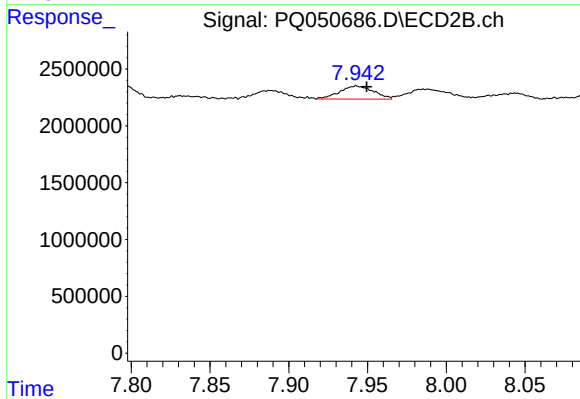
#33 AR-1260-3

R.T.: 7.459 min
Delta R.T.: -0.008 min
Response: 2538114
Conc: 6.87 ng/ml



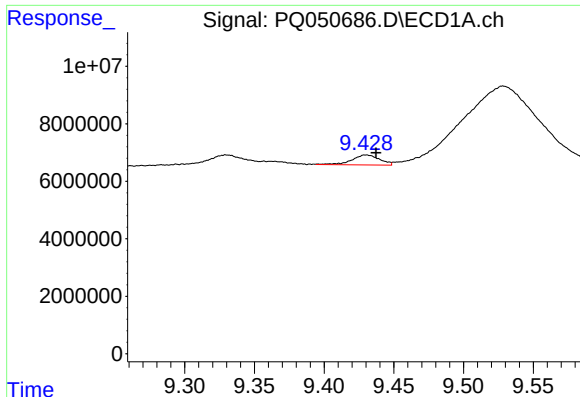
#34 AR-1260-4

R.T.: 9.083 min
Delta R.T.: -0.007 min
Response: 3596948
Conc: 4.93 ng/ml



#34 AR-1260-4

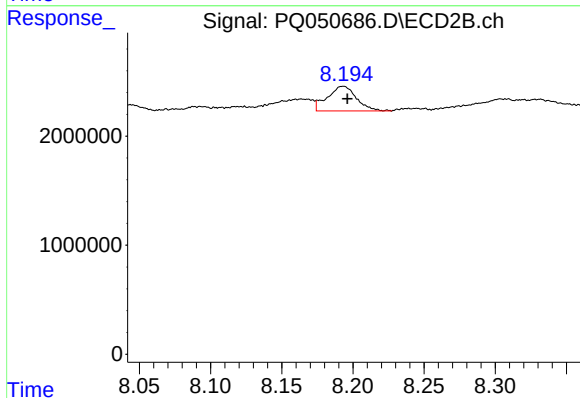
R.T.: 7.943 min
Delta R.T.: -0.007 min
Response: 1727264
Conc: 5.42 ng/ml



#35 AR-1260-5

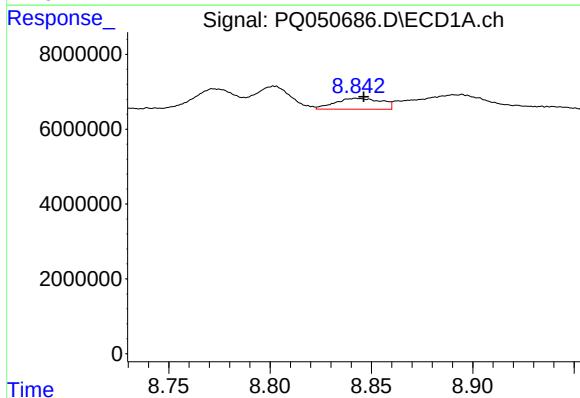
R.T.: 9.430 min
Delta R.T.: -0.007 min
Response: 4851087
Conc: 3.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



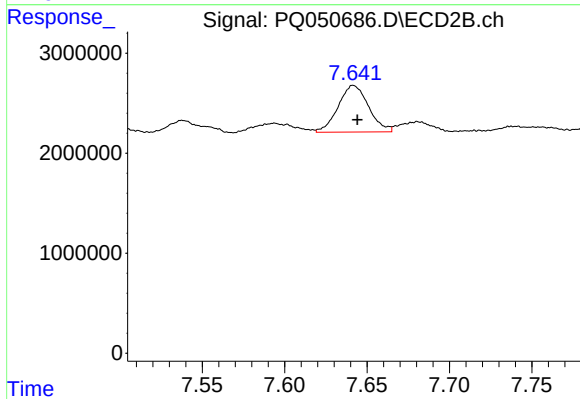
#35 AR-1260-5

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 3223134
Conc: 3.69 ng/ml



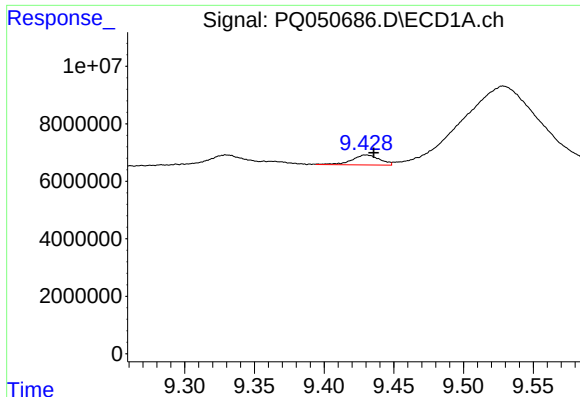
#36 AR-1262-1

R.T.: 8.843 min
Delta R.T.: -0.004 min
Response: 4642820
Conc: 5.77 ng/ml



#36 AR-1262-1

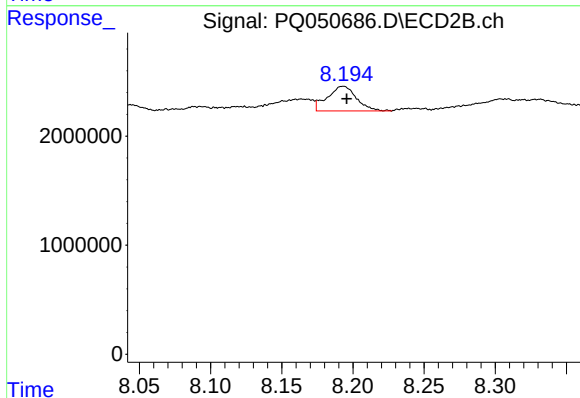
R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 5999674
Conc: 29.16 ng/ml



#37 AR-1262-2

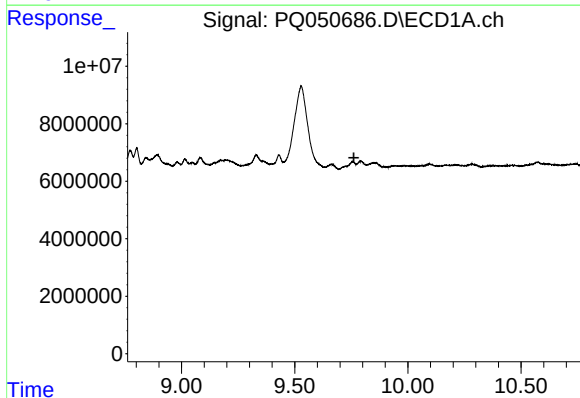
R.T.: 9.430 min
Delta R.T.: -0.006 min
Response: 4851087
Conc: 3.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



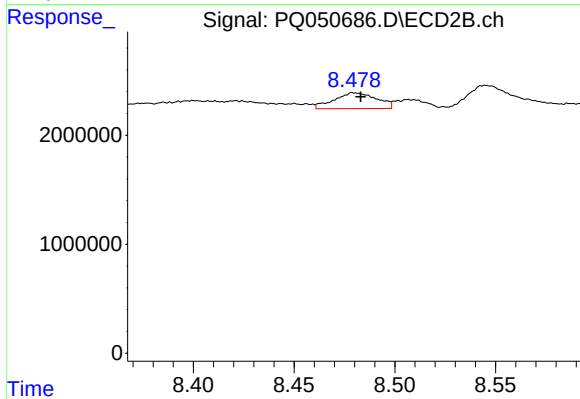
#37 AR-1262-2

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 3223134
Conc: 3.94 ng/ml



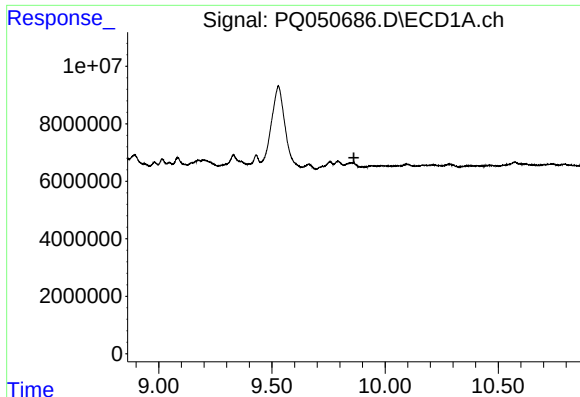
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.762 min
Response: 0
Conc: N.D.



#38 AR-1262-3

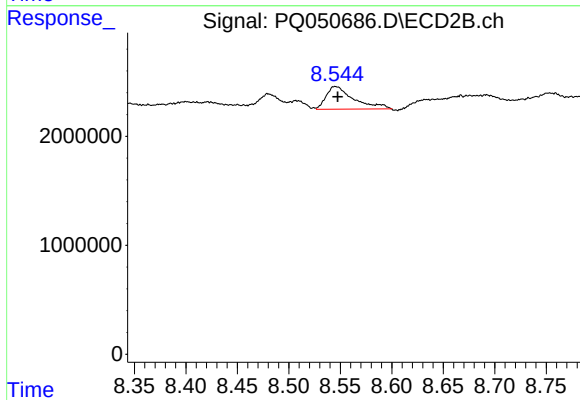
R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 2128483
Conc: 6.10 ng/ml



#39 AR-1262-4

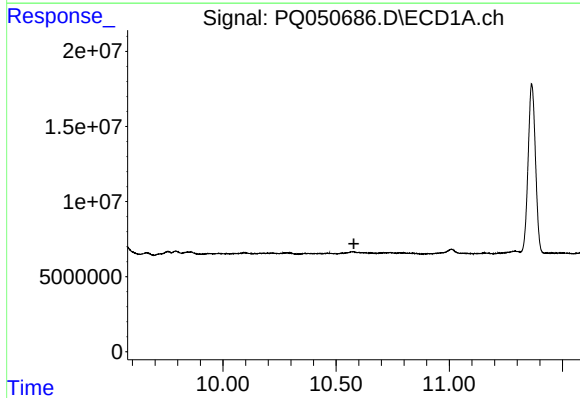
R.T.: 0.000 min
Exp R.T. : 9.862 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



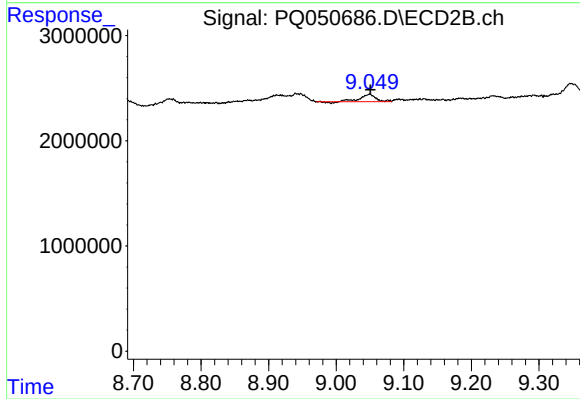
#39 AR-1262-4

R.T.: 8.545 min
Delta R.T.: -0.002 min
Response: 3907741
Conc: 6.71 ng/ml



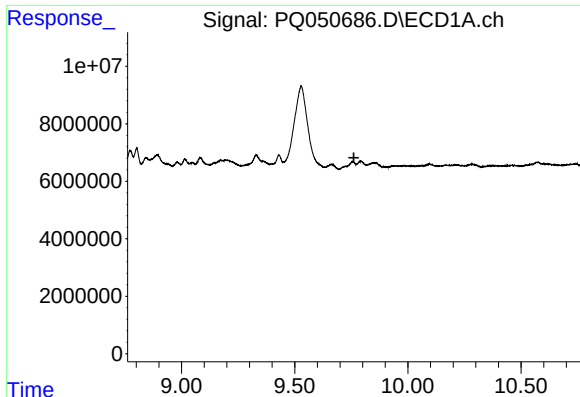
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.579 min
Response: 0
Conc: N.D.



#40 AR-1262-5

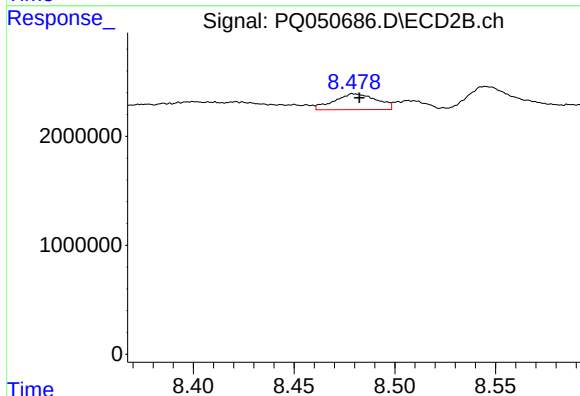
R.T.: 9.050 min
Delta R.T.: -0.001 min
Response: 1095391
Conc: 3.83 ng/ml



#41 AR-1268-1

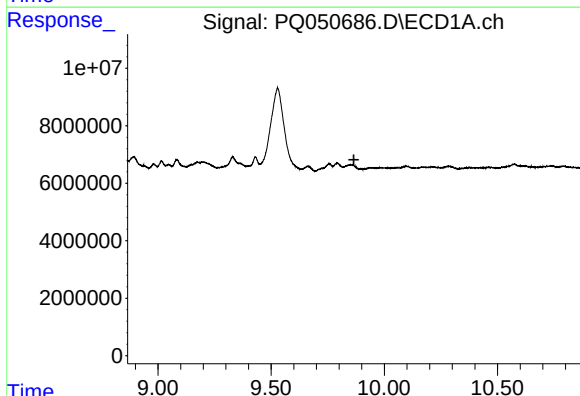
R.T.: 0.000 min
Exp R.T. : 9.761 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



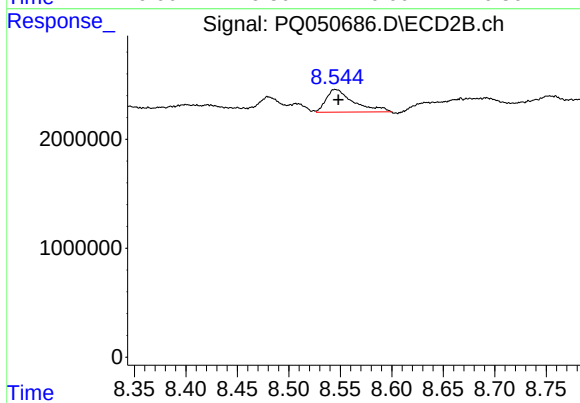
#41 AR-1268-1

R.T.: 8.480 min
Delta R.T.: -0.002 min
Response: 2128483
Conc: 2.24 ng/ml



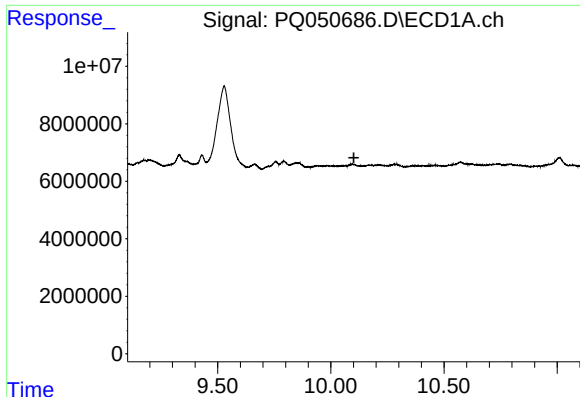
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.865 min
Response: 0
Conc: N.D.



#42 AR-1268-2

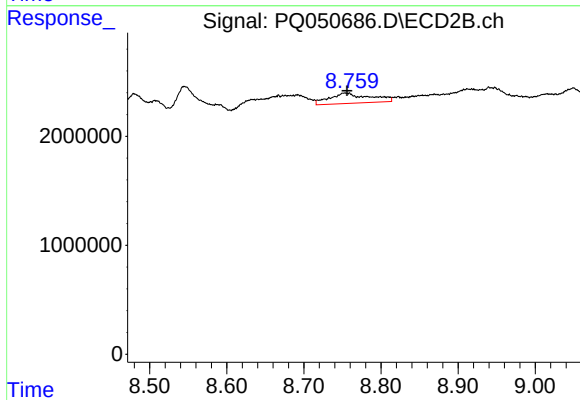
R.T.: 8.545 min
Delta R.T.: -0.003 min
Response: 3907741
Conc: 4.69 ng/ml



#43 AR-1268-3

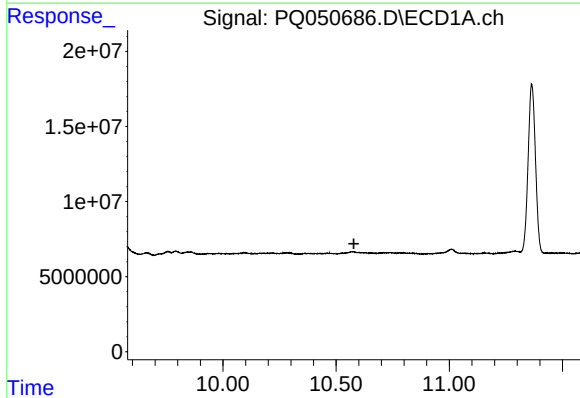
R.T.: 0.000 min
Exp R.T. : 10.102 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



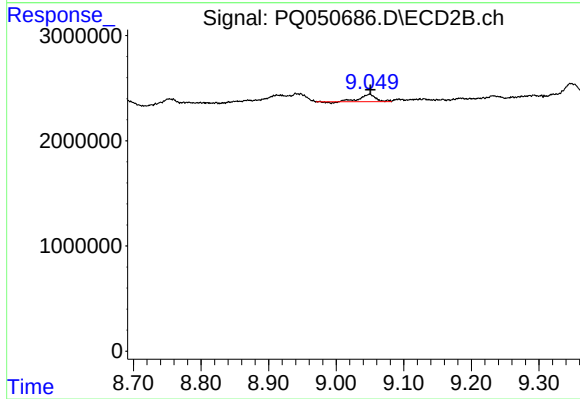
#43 AR-1268-3

R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 3445605
Conc: 4.87 ng/ml



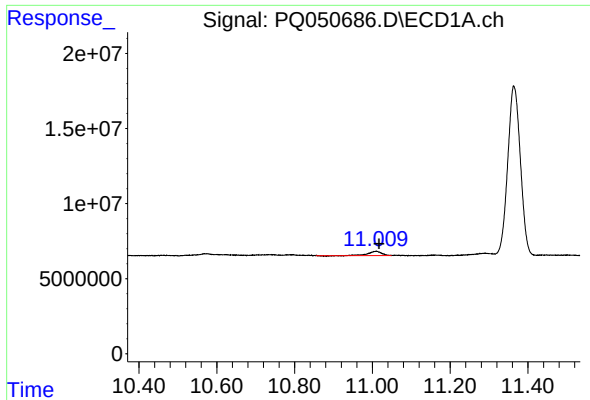
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.579 min
Response: 0
Conc: N.D.



#44 AR-1268-4

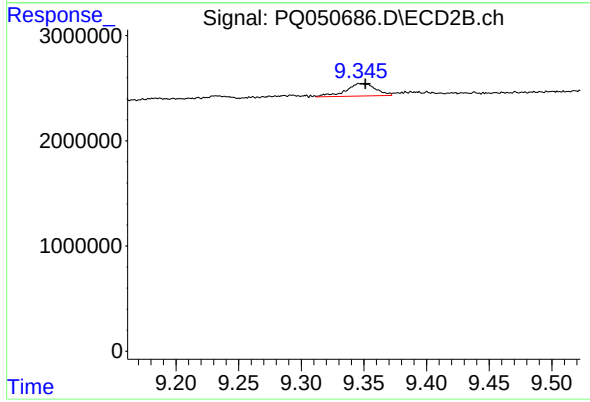
R.T.: 9.050 min
Delta R.T.: 0.000 min
Response: 1095391
Conc: 3.57 ng/ml



#45 AR-1268-5

R.T.: 11.010 min
Delta R.T.: -0.007 min
Response: 6279771
Conc: 1.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.347 min
Delta R.T.: -0.004 min
Response: 1966055
Conc: 0.93 ng/ml