

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051120\
 Data File : PQ047656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2020 10:14
 Operator : AJ\MA
 Sample : L2182-03
 Misc : AR1262 25PPB MDL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 02:45:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 06 16:27:16 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...	5.103	4.260	333.9E6	57450607	17.402	17.452
2)	SA Decachlor...	11.177	9.643	413.4E6	60575638	19.011	18.570
Target Compounds							
3)	L1 AR-1016-1	6.418	5.554	2338494	895269	3.385	7.551 #
4)	L1 AR-1016-2	6.443	5.554	3440565	895269	3.553	5.637 #
5)	L1 AR-1016-3	6.504	0.000	4173430	0	7.150	N.D. #
6)	L1 AR-1016-4	6.617	5.868	1345263	828694	2.705	12.543 #
7)	L1 AR-1016-5	6.933	0.000	3340986	0	6.957	N.D. #
9)	L2 AR-1221-2	5.456	4.621	6178054	1022930	38.409	38.299
10)	L2 AR-1221-3	0.000	4.714	0	531628	N.D.	6.517 #
11)	L3 AR-1232-1	0.000	4.714	0	531628	N.D.	8.329 #
12)	L3 AR-1232-2	6.106	5.554	12754075	895269	64.635	13.756 #
13)	L3 AR-1232-3	6.443	0.000	3440565	0	8.569	N.D. #
14)	L3 AR-1232-4	6.617	5.868	1345263	828694	6.518	28.277 #
16)	L4 AR-1242-1	6.418	5.554	2338494	895269	4.210	9.278 #
17)	L4 AR-1242-2	6.443	5.554	3440565	895269	4.279	6.785 #
18)	L4 AR-1242-3	6.504	0.000	4173430	0	8.706	N.D. #
19)	L4 AR-1242-4	6.617	5.868	1345263	828694	3.277	12.537 #
20)	L4 AR-1242-5	7.362	6.411	3185229	537463	6.835	5.787
21)	L5 AR-1248-1	6.418	5.554	2338494	895269	6.040	13.443 #
22)	L5 AR-1248-2	0.000	5.868	0	828694	N.D.	9.918 #
23)	L5 AR-1248-3	6.933	5.868	3340986	828694	5.804	9.716 #
24)	L5 AR-1248-4	7.362	0.000	3185229	0	4.638	N.D. #
25)	L5 AR-1248-5	7.362	6.411	3185229	537463	4.911	5.096
26)	L6 AR-1254-1	7.330	6.411	3878217	537463	5.538	3.089 #
27)	L6 AR-1254-2	7.558	6.570	4490603	1115755	4.118	7.390 #
28)	L6 AR-1254-3	7.942	7.011	2983644	1761248	2.564	7.255 #
29)	L6 AR-1254-4	8.235	7.233	4082499	332868	4.226	2.131 #
30)	L6 AR-1254-5	8.662	7.664	18327767	2139702	18.721	10.224 #
31)	L7 AR-1260-1	8.108	7.131	17697500	2496683	20.451	15.827
32)	L7 AR-1260-2	8.372	7.327	24293658	3124762	21.359	15.894 #
33)	L7 AR-1260-3	8.739	7.487	29247592	2891702	30.127	15.816 #
34)	L7 AR-1260-4	8.973	7.969	24559752	4008002	25.294	26.565
35)	L7 AR-1260-5	9.305	8.216	50128869	7718690	22.050	19.917
36)	L8 AR-1262-1	8.739	7.664	29247592	2139702	21.163	19.317
37)	L8 AR-1262-2	9.305	8.216	50128869	7718690	19.377	18.309
38)	L8 AR-1262-3	9.626	8.503	34410221	3146486	19.803	19.532
39)	L8 AR-1262-4	9.721	8.569	26794344	5961444	19.925	19.480
40)	L8 AR-1262-5	10.402	9.076	19861179	2624868	20.247	18.324
41)	L9 AR-1268-1	9.626	8.503	34410221	3146486	9.574	5.720 #
42)	L9 AR-1268-2	9.721	8.569	26794344	5961444	8.345	11.723 #
43)	L9 AR-1268-3	9.959	8.778	6890522	530851	2.474	1.281 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 02:45:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
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 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
44) L9	AR-1268-4	10.402	9.076	19861179	2624868	17.114	15.410
45) L9	AR-1268-5	10.830	9.379	9889688	2705879	1.238	2.072 #

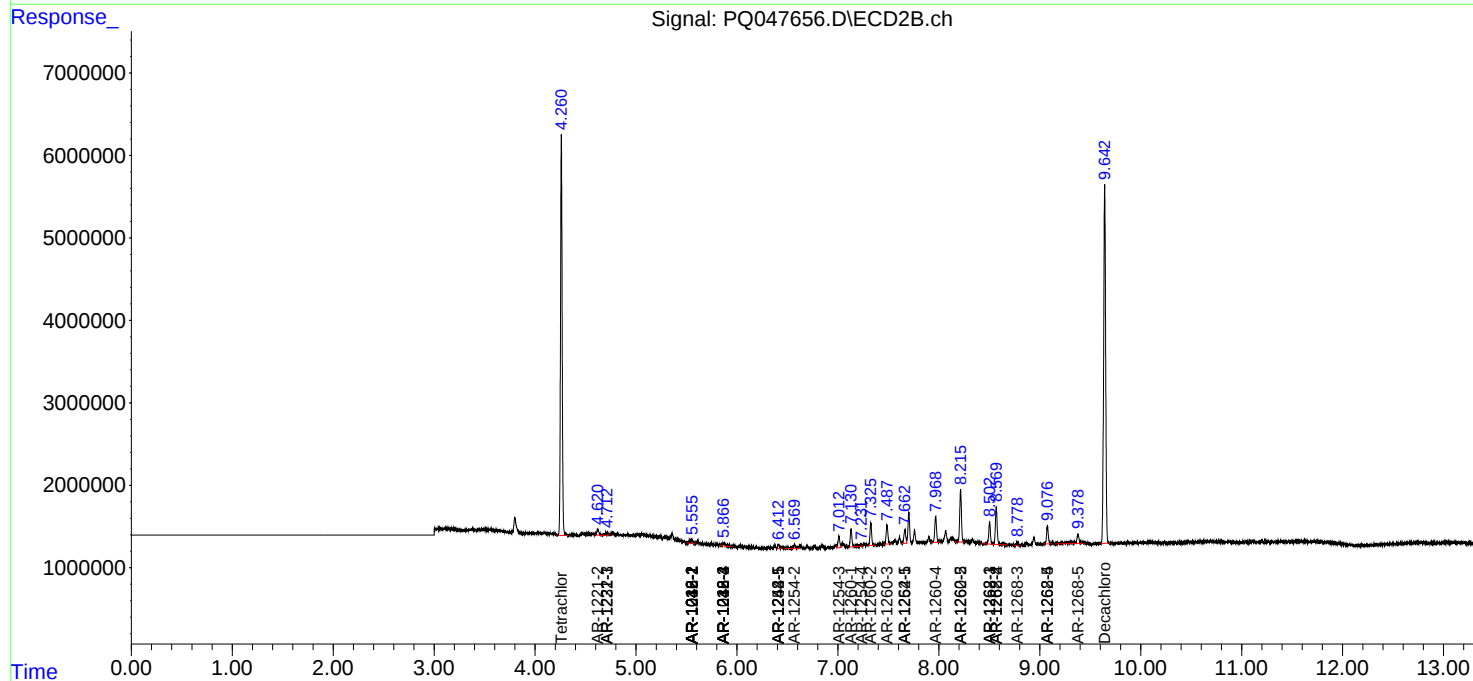
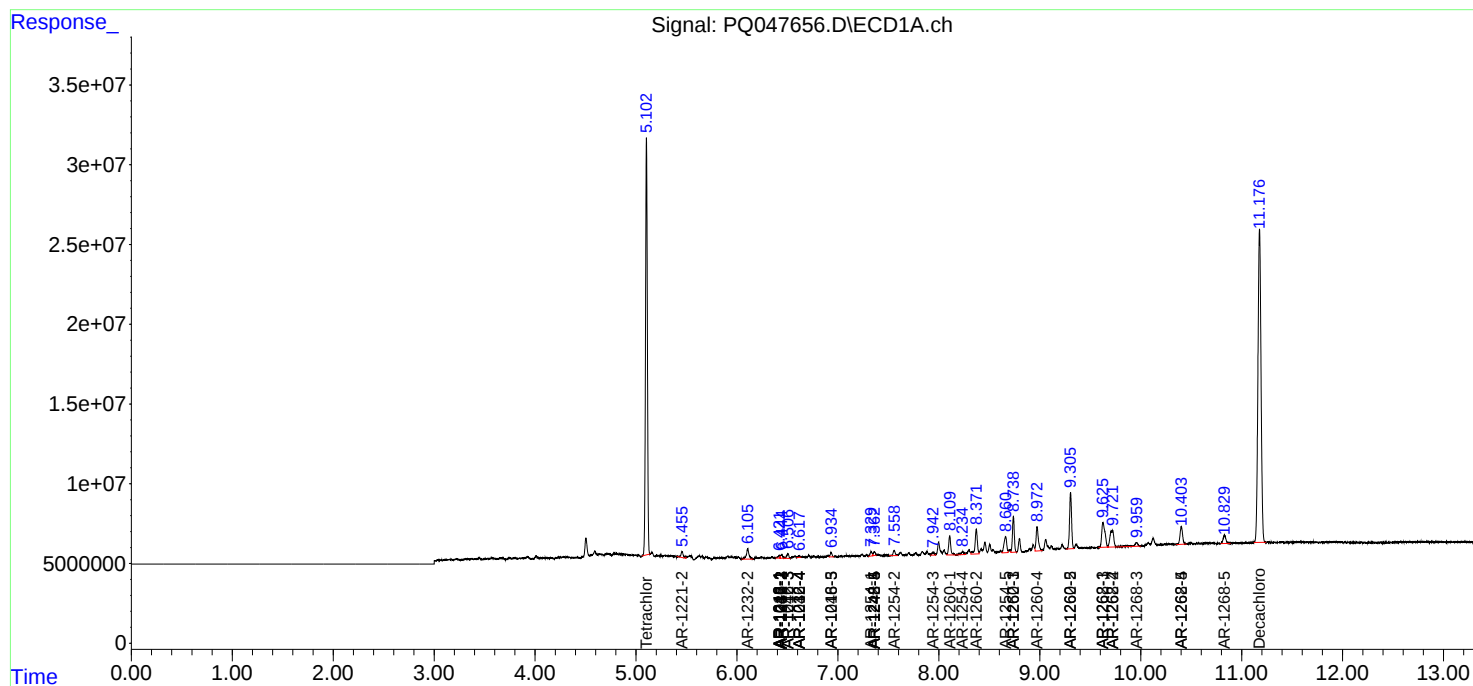
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

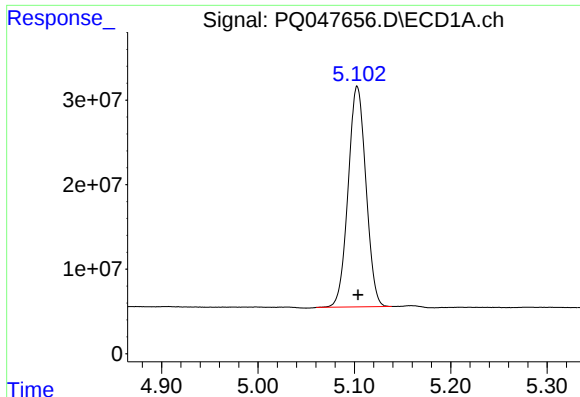
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051120\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

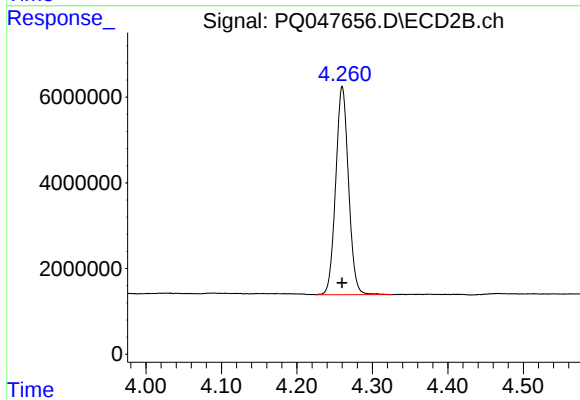




#1 Tetrachloro-m-xylene

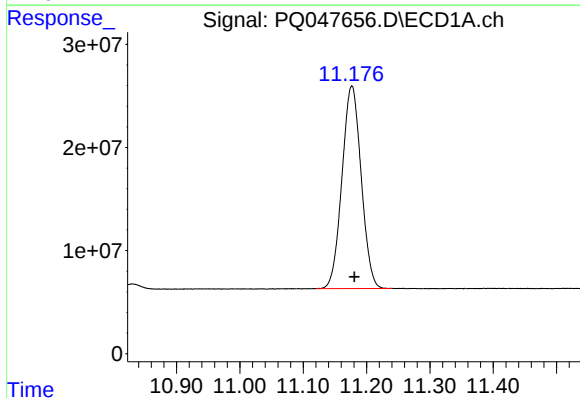
R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 333949307
Conc: 17.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



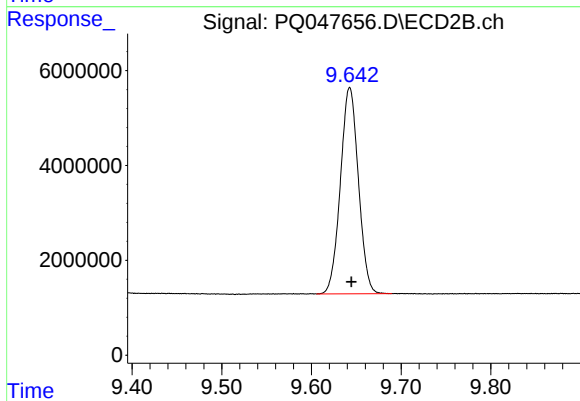
#1 Tetrachloro-m-xylene

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 57450607
Conc: 17.45 ng/ml



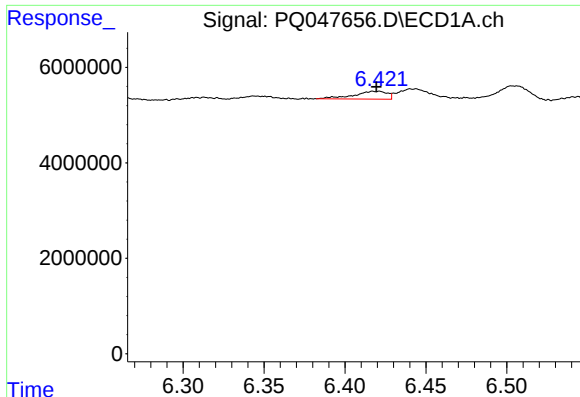
#2 Decachlorobiphenyl

R.T.: 11.177 min
Delta R.T.: -0.004 min
Response: 413446756
Conc: 19.01 ng/ml



#2 Decachlorobiphenyl

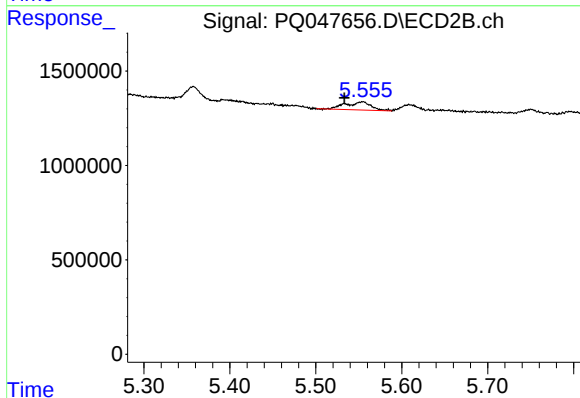
R.T.: 9.643 min
Delta R.T.: -0.002 min
Response: 60575638
Conc: 18.57 ng/ml



#3 AR-1016-1

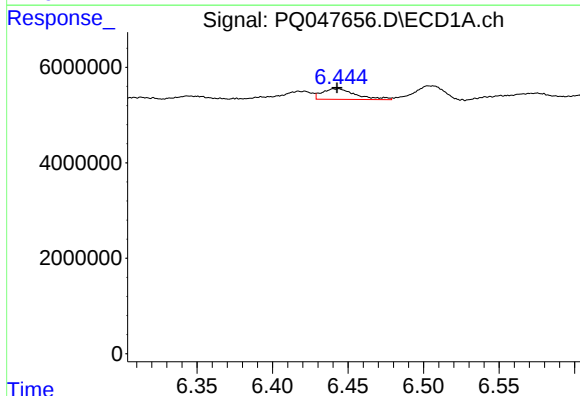
R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 2338494
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



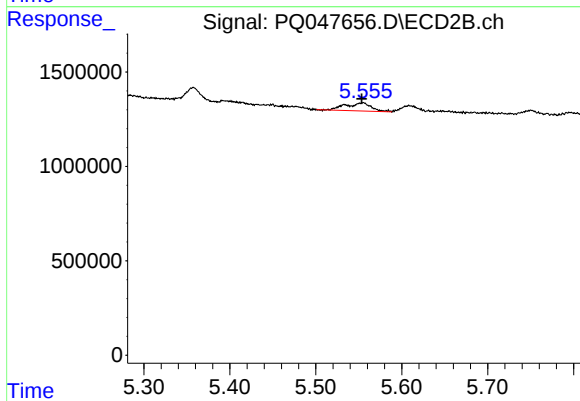
#3 AR-1016-1

R.T.: 5.554 min
Delta R.T.: 0.021 min
Response: 895269
Conc: 7.55 ng/ml



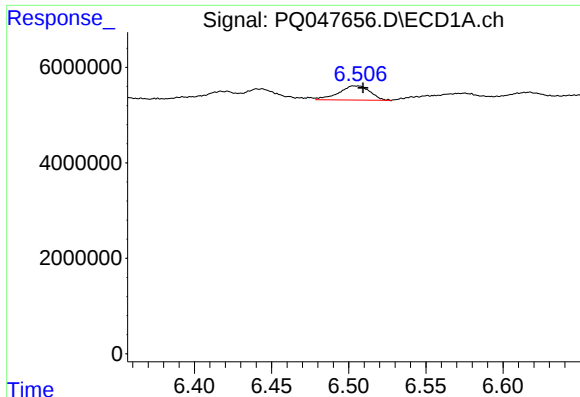
#4 AR-1016-2

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 3440565
Conc: 3.55 ng/ml



#4 AR-1016-2

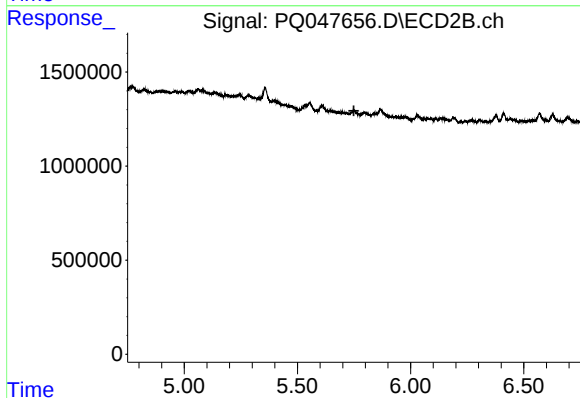
R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 895269
Conc: 5.64 ng/ml



#5 AR-1016-3

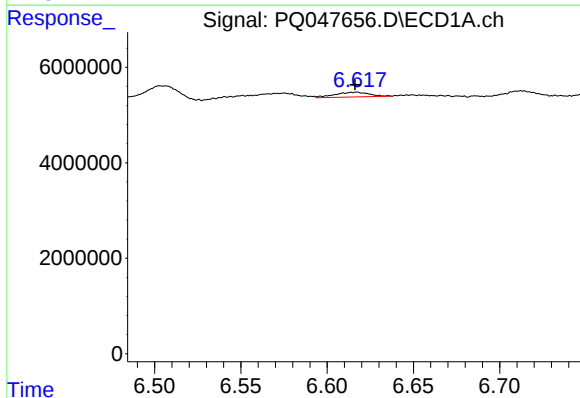
R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 4173430
Conc: 7.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



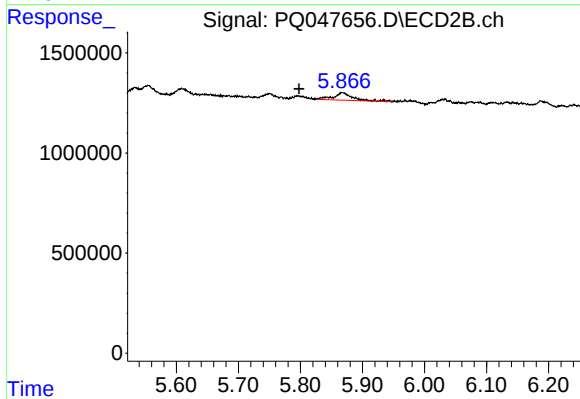
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.750 min
Response: 0
Conc: N.D.



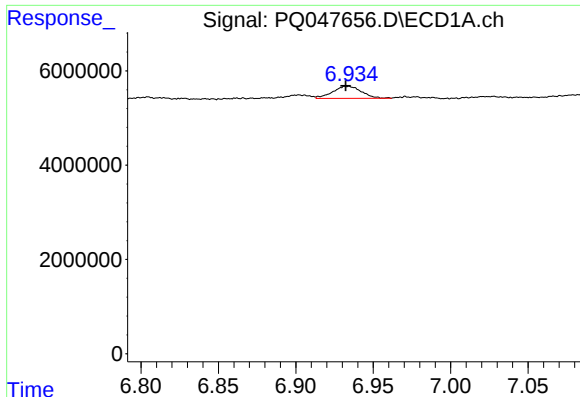
#6 AR-1016-4

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1345263
Conc: 2.71 ng/ml



#6 AR-1016-4

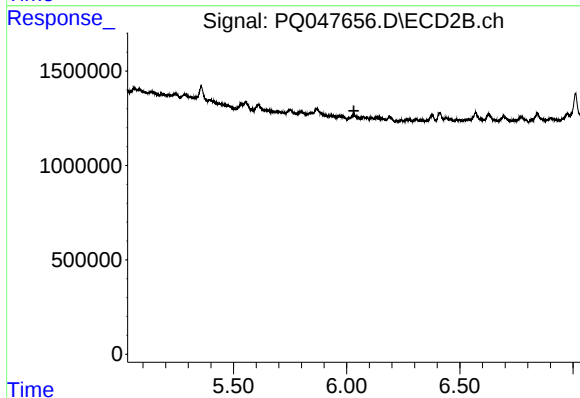
R.T.: 5.868 min
Delta R.T.: 0.070 min
Response: 828694
Conc: 12.54 ng/ml



#7 AR-1016-5

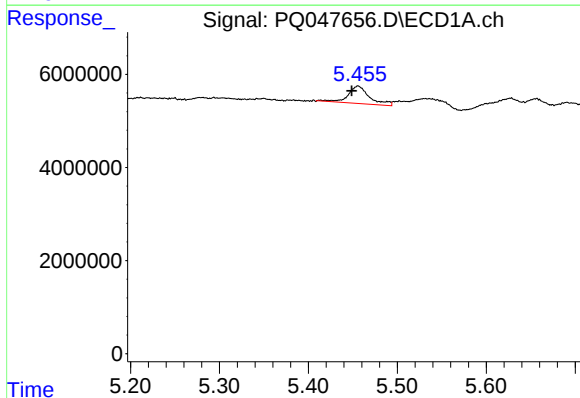
R.T.: 6.933 min
Delta R.T.: 0.001 min
Response: 3340986
Conc: 6.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



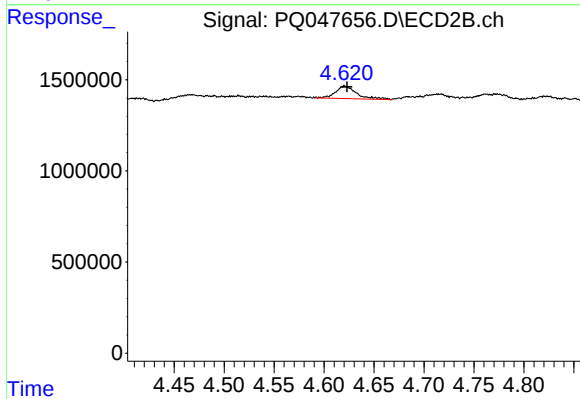
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.032 min
Response: 0
Conc: N.D.



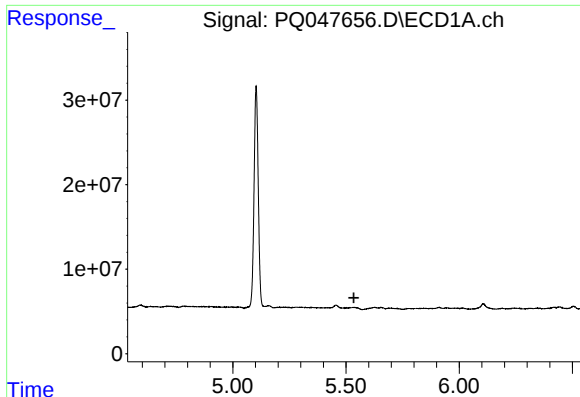
#9 AR-1221-2

R.T.: 5.456 min
Delta R.T.: 0.007 min
Response: 6178054
Conc: 38.41 ng/ml



#9 AR-1221-2

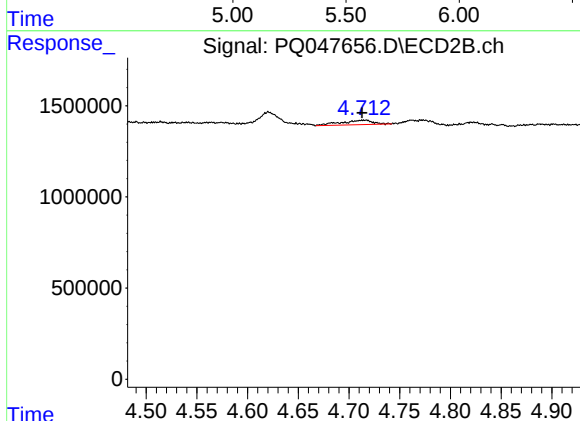
R.T.: 4.621 min
Delta R.T.: -0.002 min
Response: 1022930
Conc: 38.30 ng/ml



#10 AR-1221-3

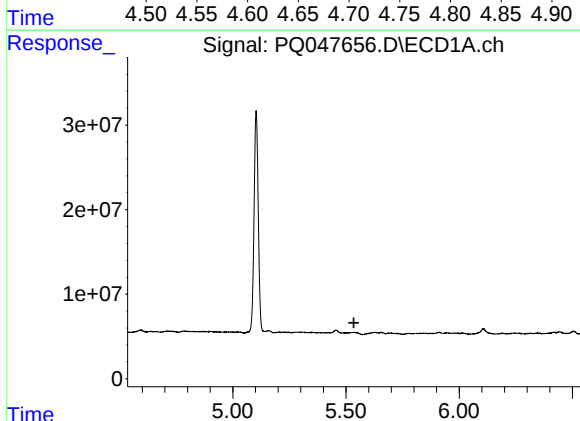
R.T.: 0.000 min
Exp R.T. : 5.535 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



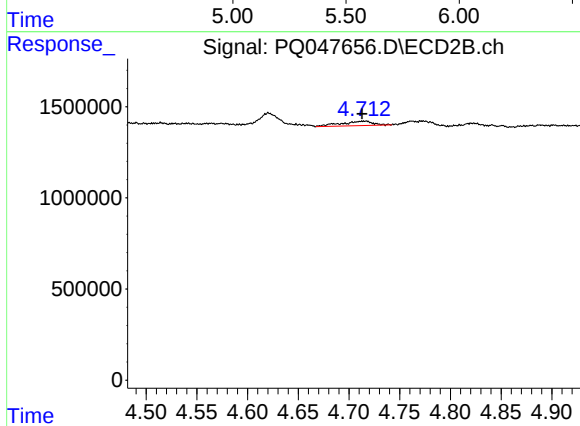
#10 AR-1221-3

R.T.: 4.714 min
Delta R.T.: 0.001 min
Response: 531628
Conc: 6.52 ng/ml



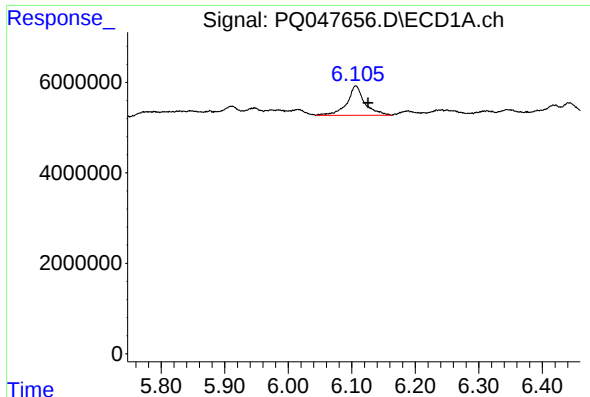
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.535 min
Response: 0
Conc: N.D.



#11 AR-1232-1

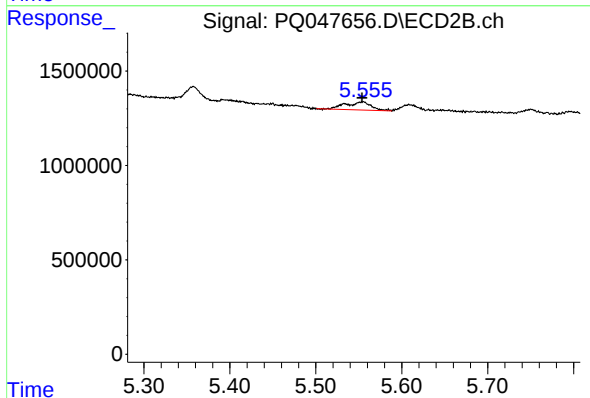
R.T.: 4.714 min
Delta R.T.: 0.001 min
Response: 531628
Conc: 8.33 ng/ml



#12 AR-1232-2

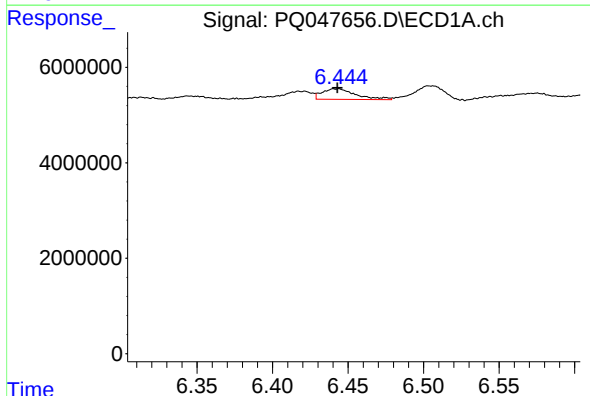
R.T.: 6.106 min
Delta R.T.: -0.019 min
Response: 12754075
Conc: 64.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



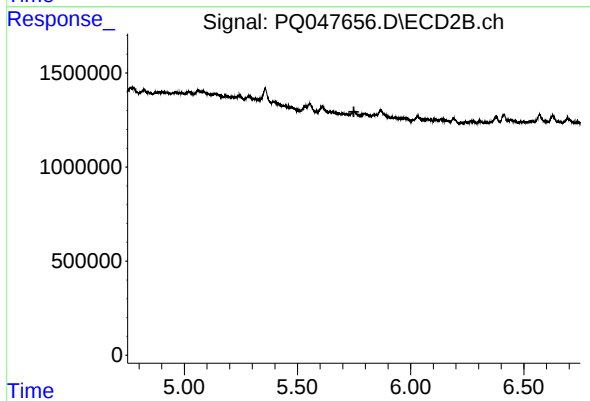
#12 AR-1232-2

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 895269
Conc: 13.76 ng/ml



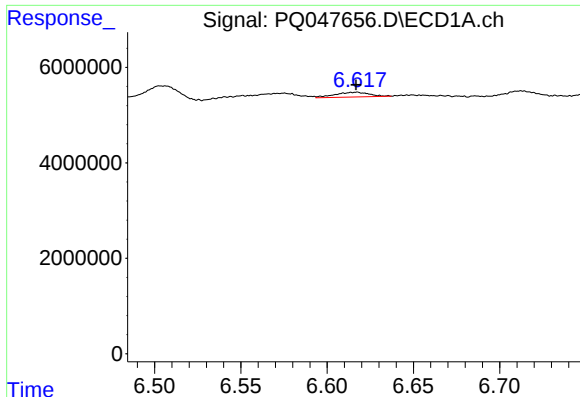
#13 AR-1232-3

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 3440565
Conc: 8.57 ng/ml



#13 AR-1232-3

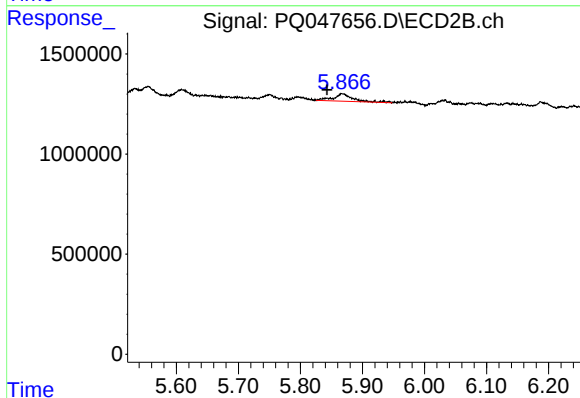
R.T.: 0.000 min
Exp R.T.: 5.749 min
Response: 0
Conc: N.D.



#14 AR-1232-4

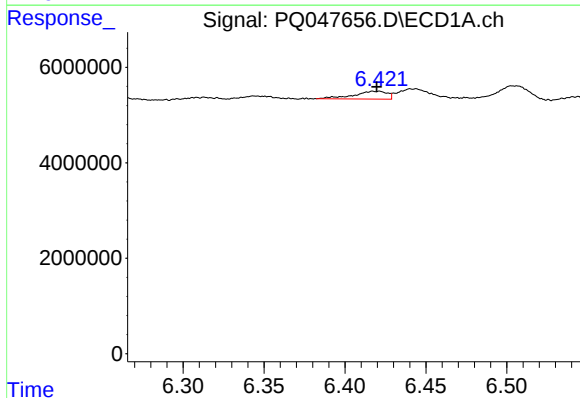
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1345263
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



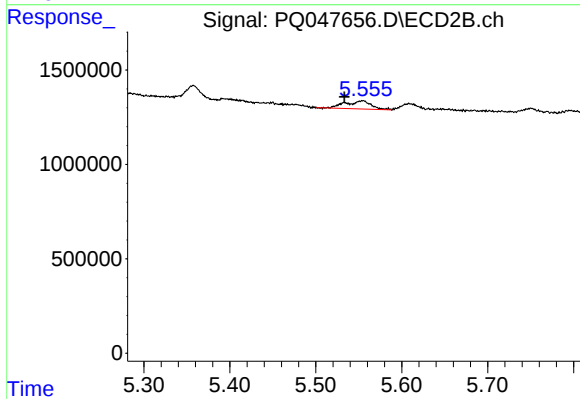
#14 AR-1232-4

R.T.: 5.868 min
Delta R.T.: 0.025 min
Response: 828694
Conc: 28.28 ng/ml



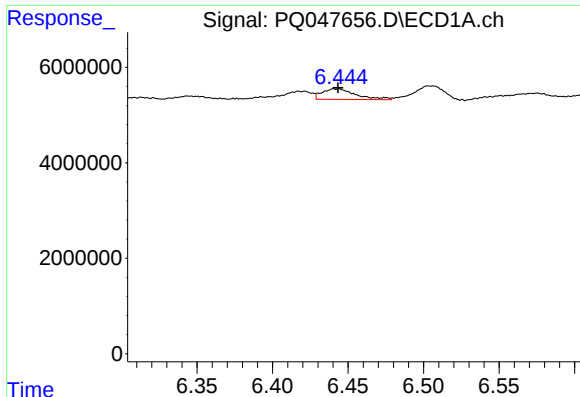
#16 AR-1242-1

R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 2338494
Conc: 4.21 ng/ml



#16 AR-1242-1

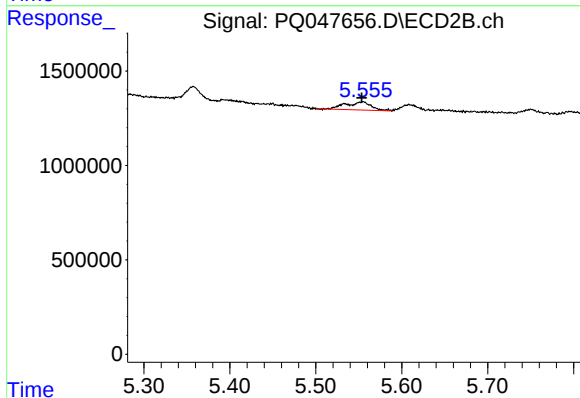
R.T.: 5.554 min
Delta R.T.: 0.021 min
Response: 895269
Conc: 9.28 ng/ml



#17 AR-1242-2

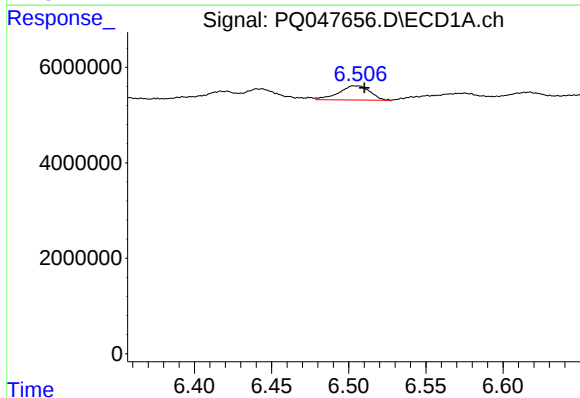
R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 3440565
Conc: 4.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



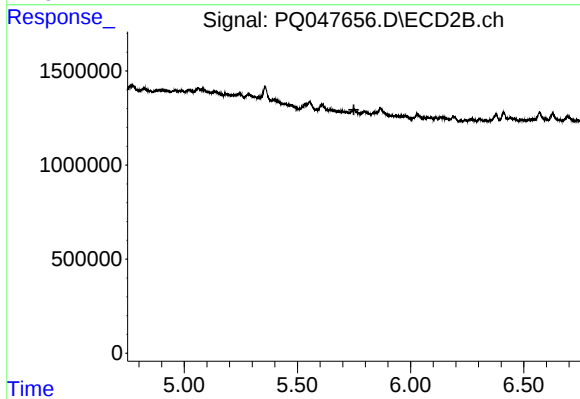
#17 AR-1242-2

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 895269
Conc: 6.79 ng/ml



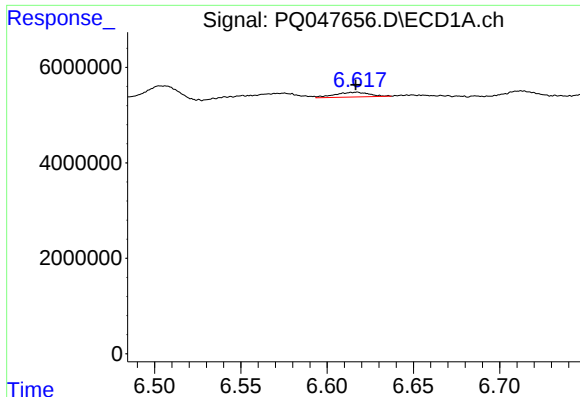
#18 AR-1242-3

R.T.: 6.504 min
Delta R.T.: -0.006 min
Response: 4173430
Conc: 8.71 ng/ml



#18 AR-1242-3

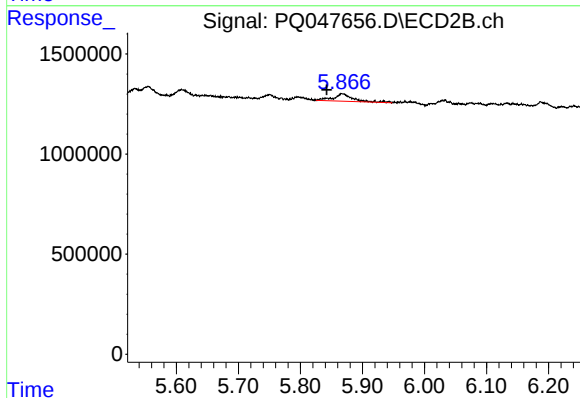
R.T.: 0.000 min
Exp R.T.: 5.749 min
Response: 0
Conc: N.D.



#19 AR-1242-4

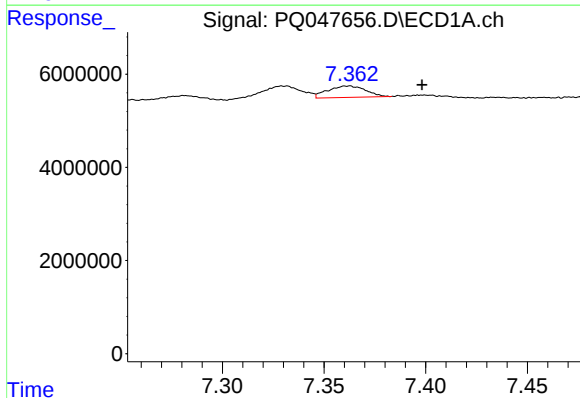
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1345263
Conc: 3.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



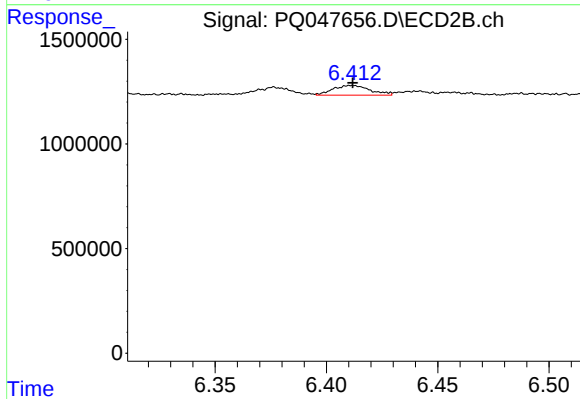
#19 AR-1242-4

R.T.: 5.868 min
Delta R.T.: 0.025 min
Response: 828694
Conc: 12.54 ng/ml



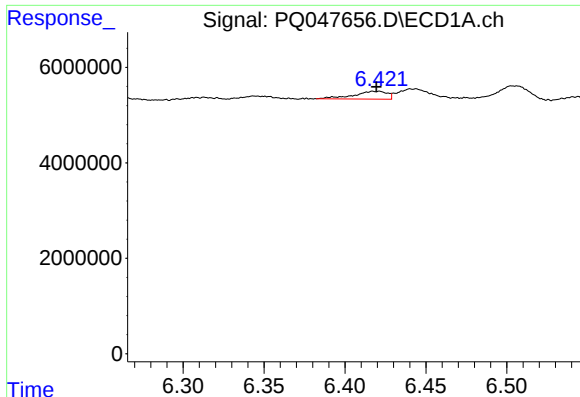
#20 AR-1242-5

R.T.: 7.362 min
Delta R.T.: -0.037 min
Response: 3185229
Conc: 6.84 ng/ml



#20 AR-1242-5

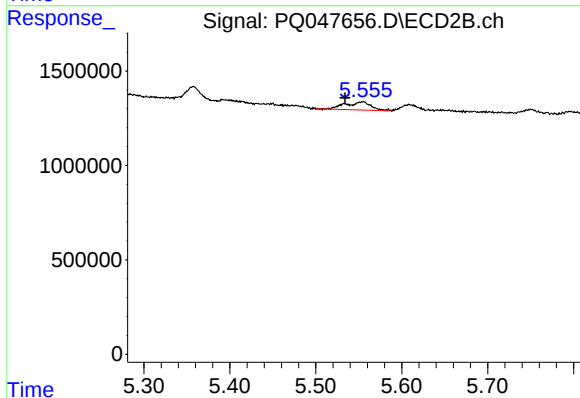
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 537463
Conc: 5.79 ng/ml



#21 AR-1248-1

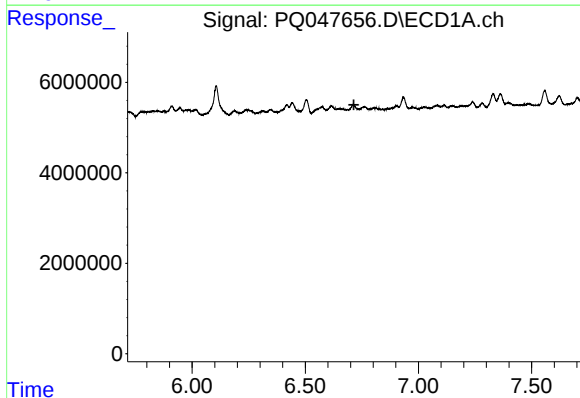
R.T.: 6.418 min
Delta R.T.: -0.001 min
Response: 2338494
Conc: 6.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



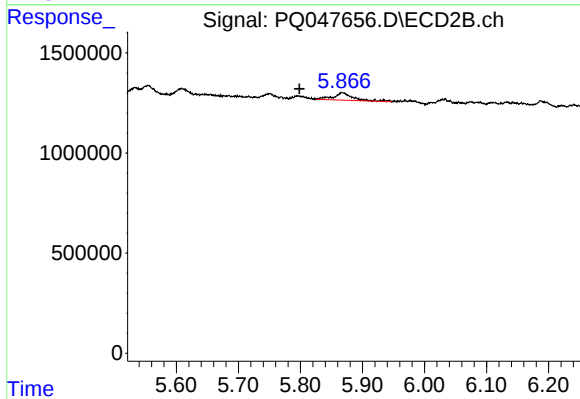
#21 AR-1248-1

R.T.: 5.554 min
Delta R.T.: 0.020 min
Response: 895269
Conc: 13.44 ng/ml



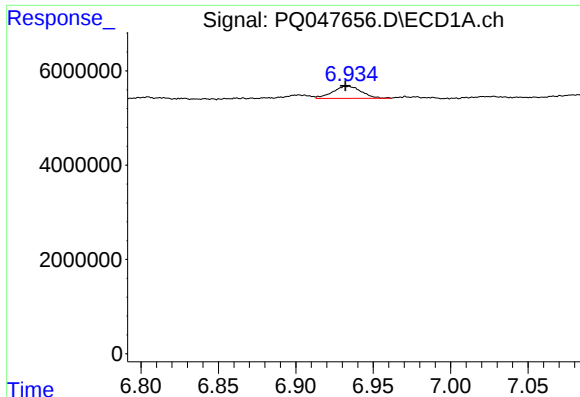
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.715 min
Response: 0
Conc: N.D.



#22 AR-1248-2

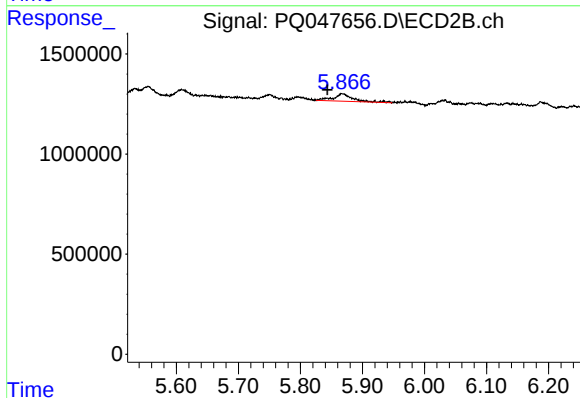
R.T.: 5.868 min
Delta R.T.: 0.070 min
Response: 828694
Conc: 9.92 ng/ml



#23 AR-1248-3

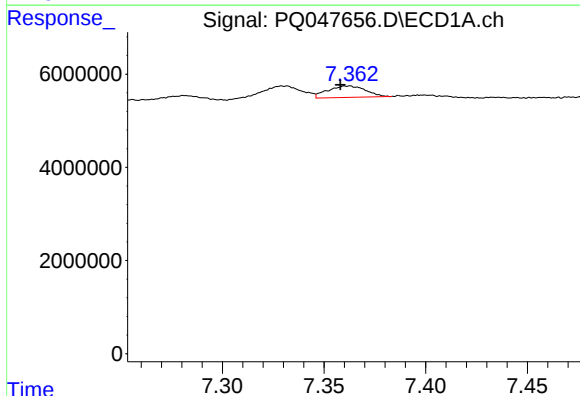
R.T.: 6.933 min
Delta R.T.: 0.001 min
Response: 3340986
Conc: 5.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



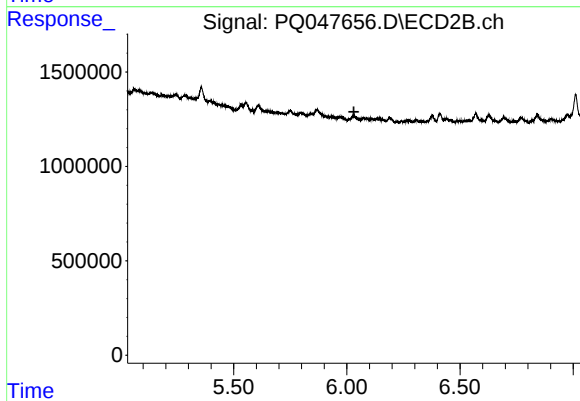
#23 AR-1248-3

R.T.: 5.868 min
Delta R.T.: 0.024 min
Response: 828694
Conc: 9.72 ng/ml



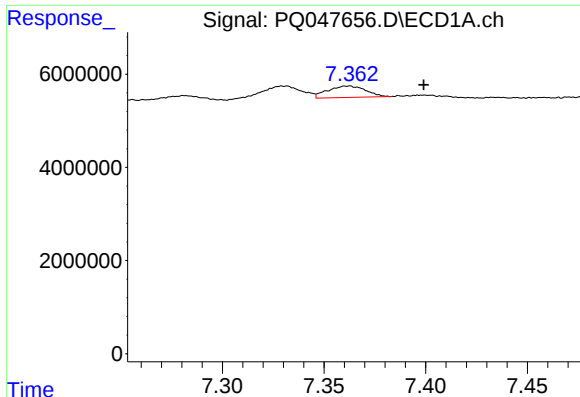
#24 AR-1248-4

R.T.: 7.362 min
Delta R.T.: 0.004 min
Response: 3185229
Conc: 4.64 ng/ml



#24 AR-1248-4

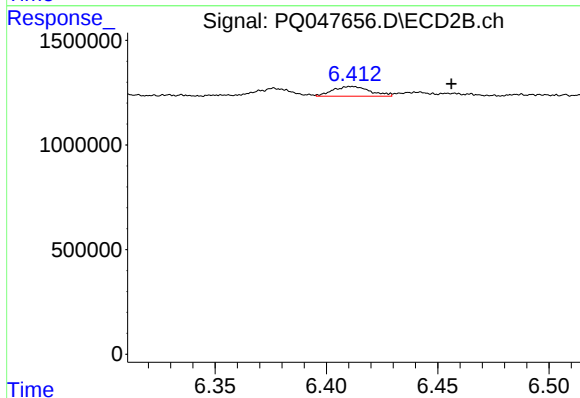
R.T.: 0.000 min
Exp R.T.: 6.031 min
Response: 0
Conc: N.D.



#25 AR-1248-5

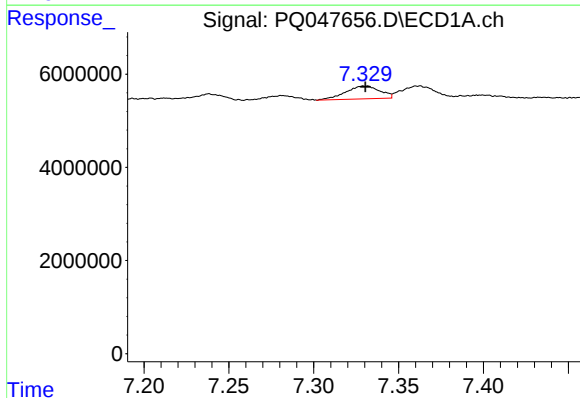
R.T.: 7.362 min
Delta R.T.: -0.037 min
Response: 3185229
Conc: 4.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



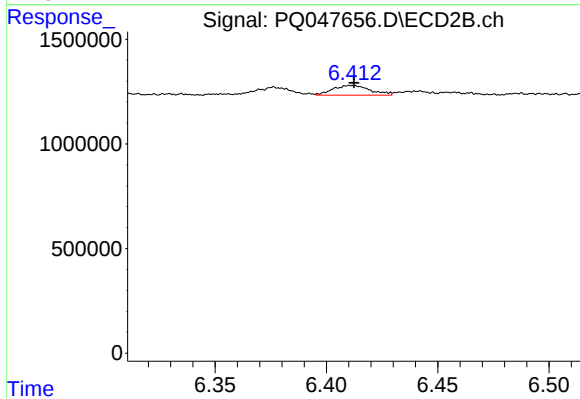
#25 AR-1248-5

R.T.: 6.411 min
Delta R.T.: -0.045 min
Response: 537463
Conc: 5.10 ng/ml



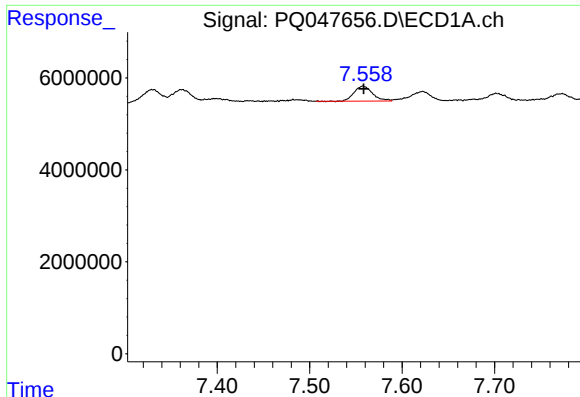
#26 AR-1254-1

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3878217
Conc: 5.54 ng/ml



#26 AR-1254-1

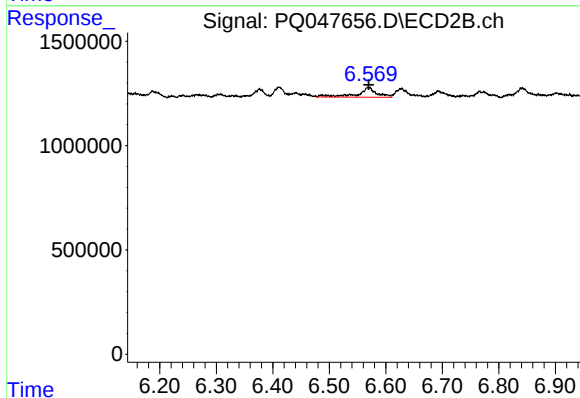
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 537463
Conc: 3.09 ng/ml



#27 AR-1254-2

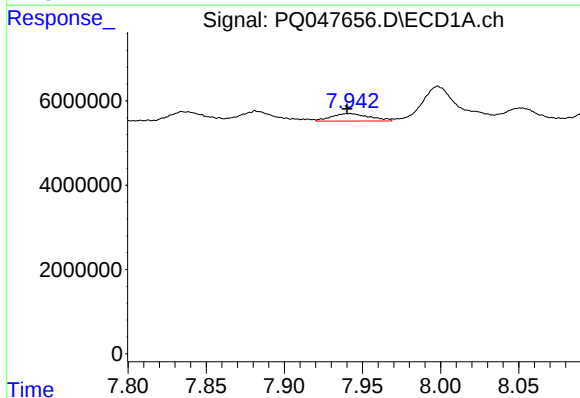
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 4490603
Conc: 4.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



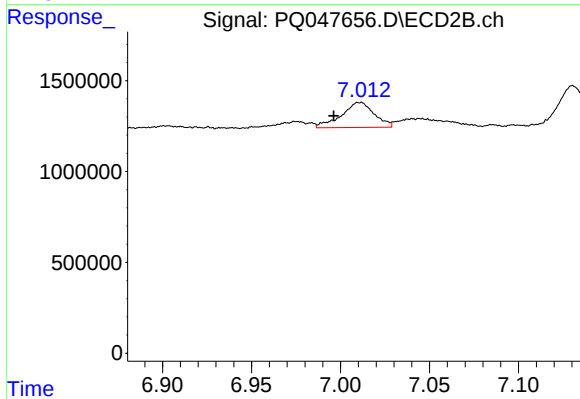
#27 AR-1254-2

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 1115755
Conc: 7.39 ng/ml



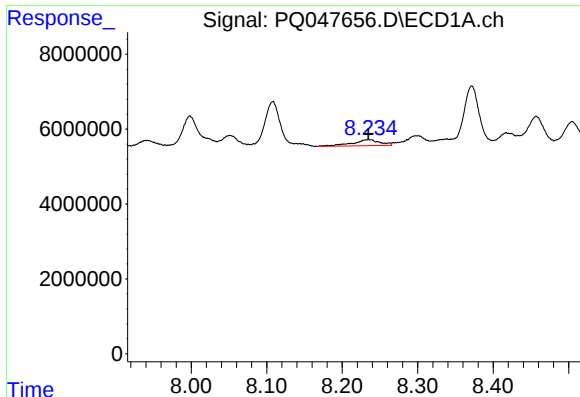
#28 AR-1254-3

R.T.: 7.942 min
Delta R.T.: 0.001 min
Response: 2983644
Conc: 2.56 ng/ml



#28 AR-1254-3

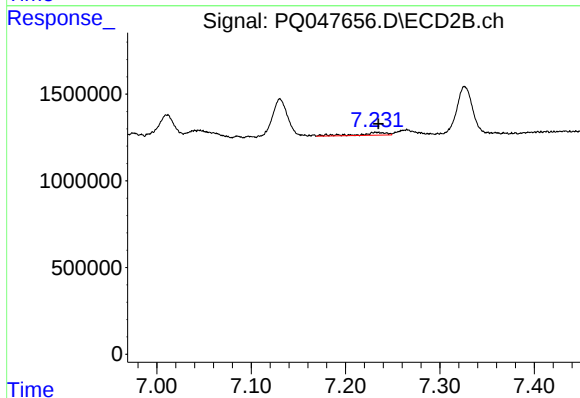
R.T.: 7.011 min
Delta R.T.: 0.015 min
Response: 1761248
Conc: 7.26 ng/ml



#29 AR-1254-4

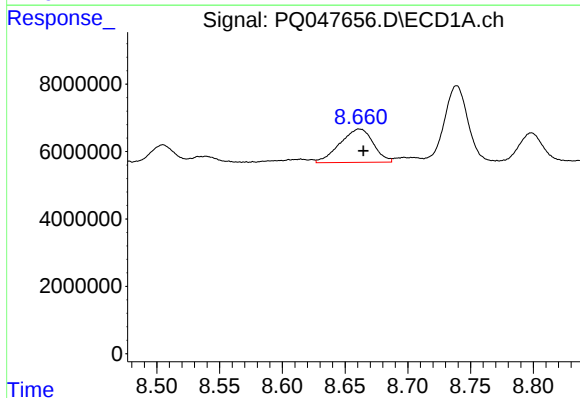
R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 4082499
Conc: 4.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



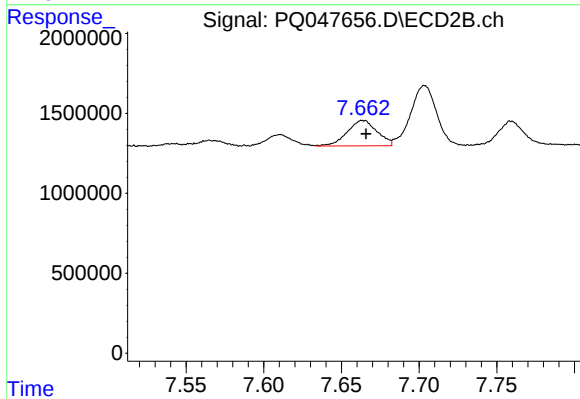
#29 AR-1254-4

R.T.: 7.233 min
Delta R.T.: -0.002 min
Response: 332868
Conc: 2.13 ng/ml



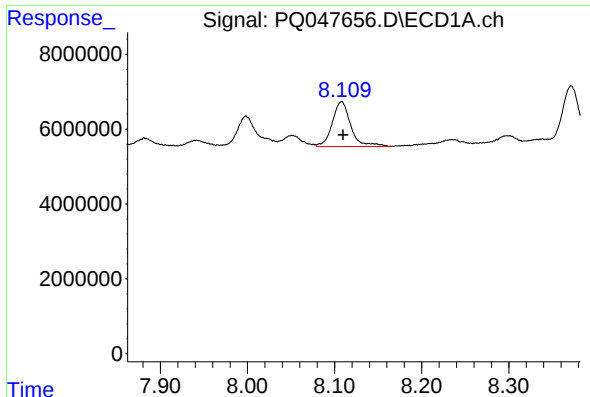
#30 AR-1254-5

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 18327767
Conc: 18.72 ng/ml



#30 AR-1254-5

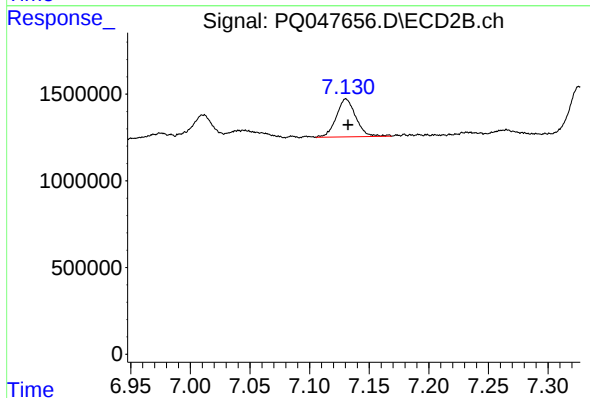
R.T.: 7.664 min
Delta R.T.: -0.002 min
Response: 2139702
Conc: 10.22 ng/ml



#31 AR-1260-1

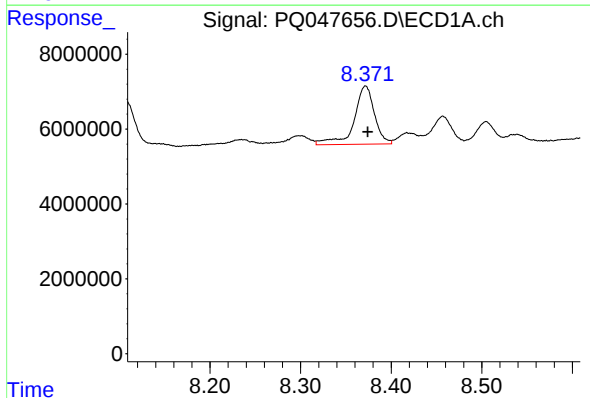
R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 17697500
Conc: 20.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



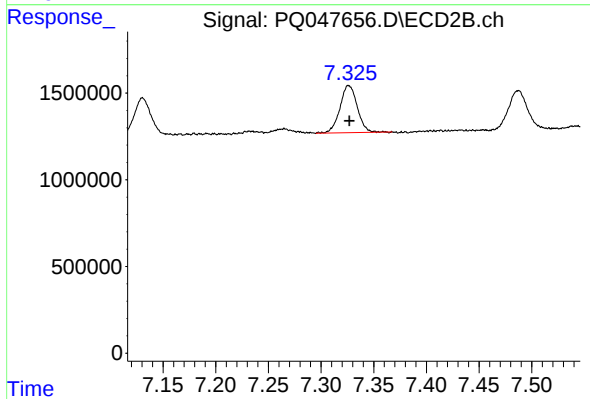
#31 AR-1260-1

R.T.: 7.131 min
Delta R.T.: -0.002 min
Response: 2496683
Conc: 15.83 ng/ml



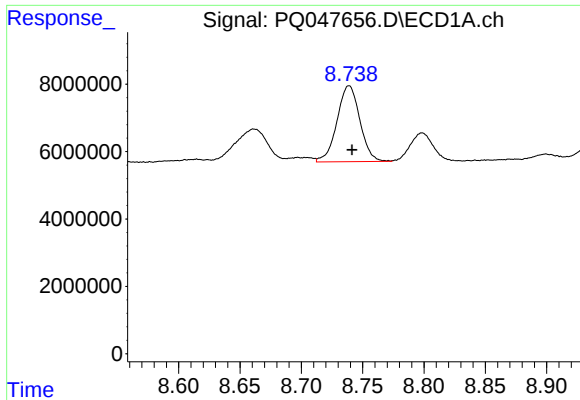
#32 AR-1260-2

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 24293658
Conc: 21.36 ng/ml



#32 AR-1260-2

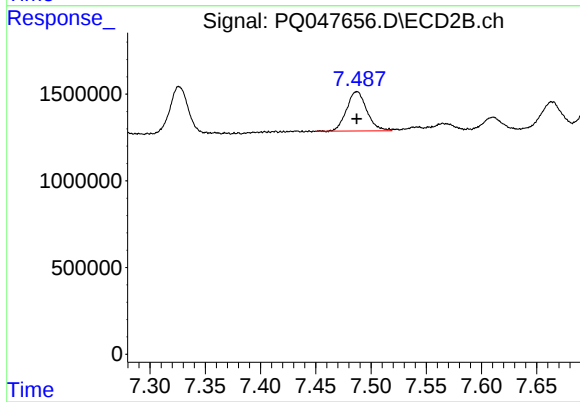
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 3124762
Conc: 15.89 ng/ml



#33 AR-1260-3

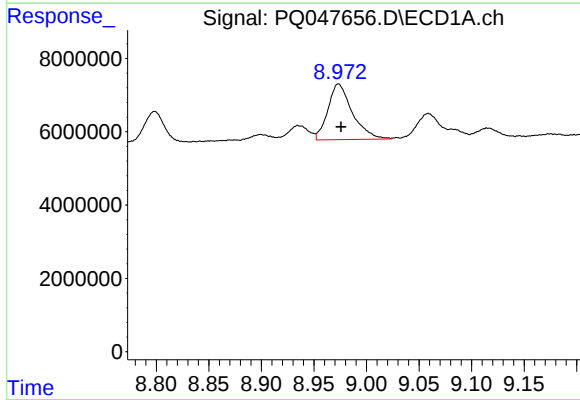
R.T.: 8.739 min
Delta R.T.: -0.003 min
Response: 29247592
Conc: 30.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



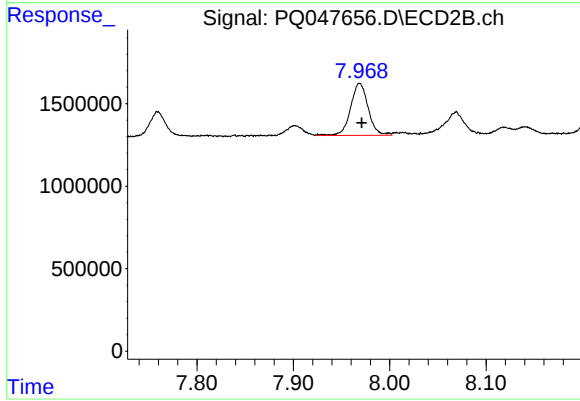
#33 AR-1260-3

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 2891702
Conc: 15.82 ng/ml



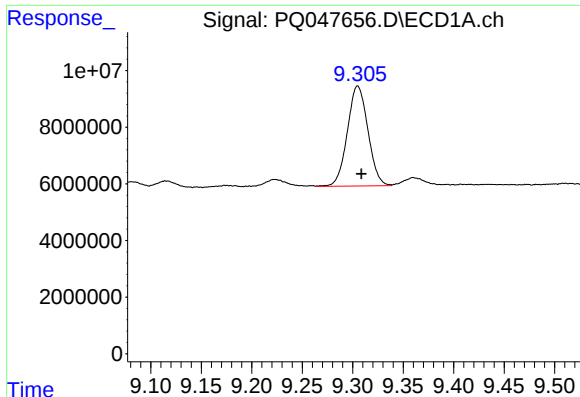
#34 AR-1260-4

R.T.: 8.973 min
Delta R.T.: -0.002 min
Response: 24559752
Conc: 25.29 ng/ml



#34 AR-1260-4

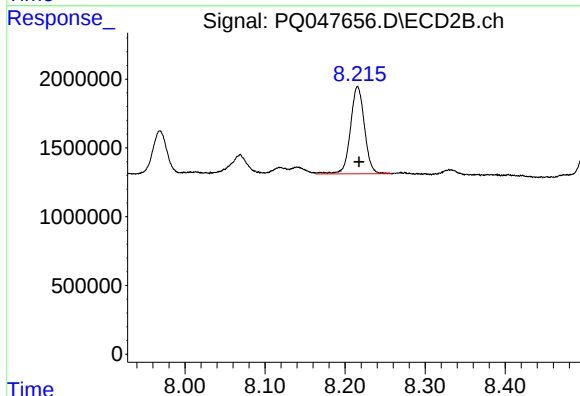
R.T.: 7.969 min
Delta R.T.: -0.002 min
Response: 4008002
Conc: 26.56 ng/ml



#35 AR-1260-5

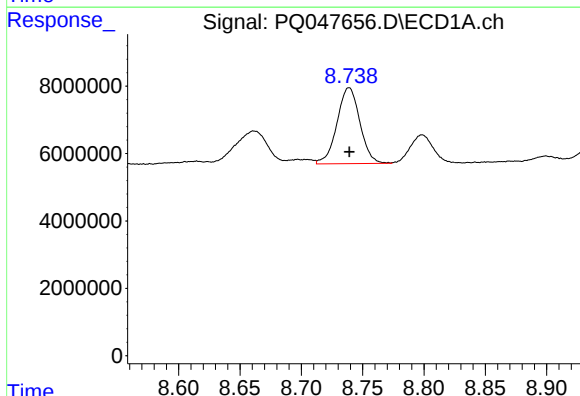
R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 50128869
Conc: 22.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



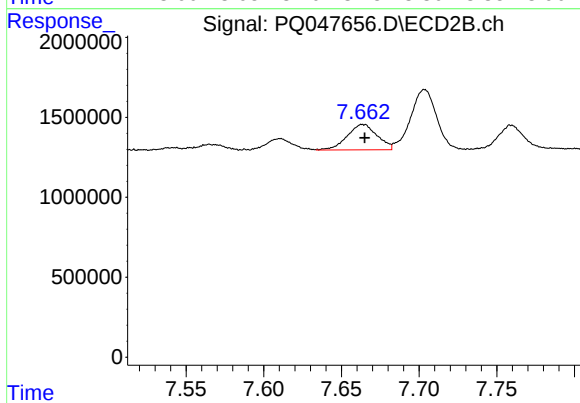
#35 AR-1260-5

R.T.: 8.216 min
Delta R.T.: -0.002 min
Response: 7718690
Conc: 19.92 ng/ml



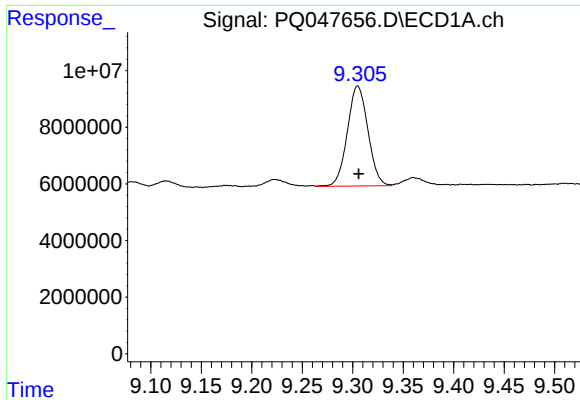
#36 AR-1262-1

R.T.: 8.739 min
Delta R.T.: 0.000 min
Response: 29247592
Conc: 21.16 ng/ml



#36 AR-1262-1

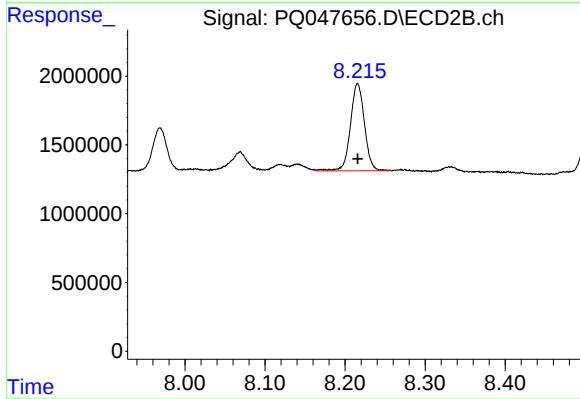
R.T.: 7.664 min
Delta R.T.: -0.001 min
Response: 2139702
Conc: 19.32 ng/ml



#37 AR-1262-2

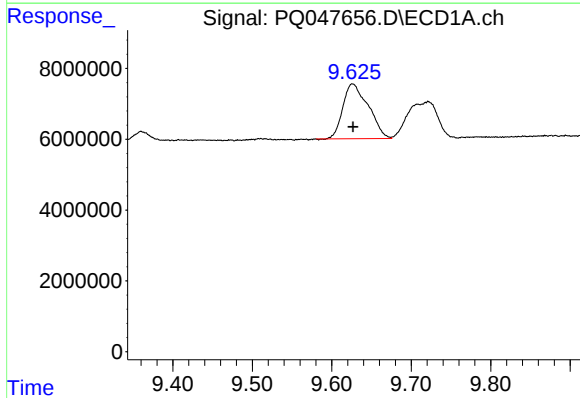
R.T.: 9.305 min
Delta R.T.: 0.000 min
Response: 50128869
Conc: 19.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



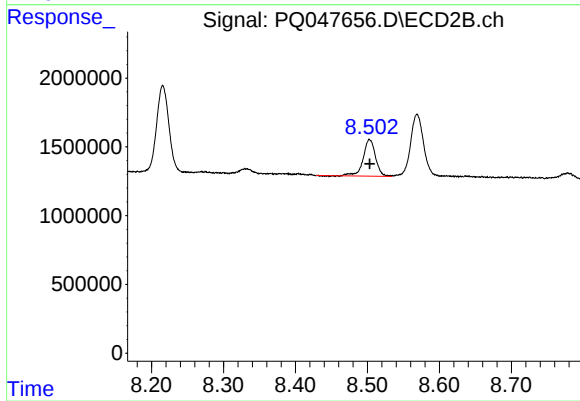
#37 AR-1262-2

R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 7718690
Conc: 18.31 ng/ml



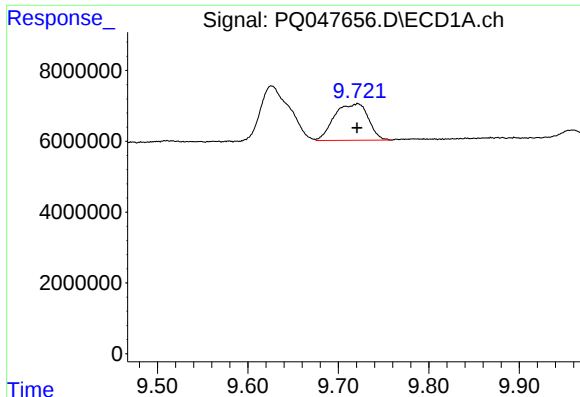
#38 AR-1262-3

R.T.: 9.626 min
Delta R.T.: 0.000 min
Response: 34410221
Conc: 19.80 ng/ml



#38 AR-1262-3

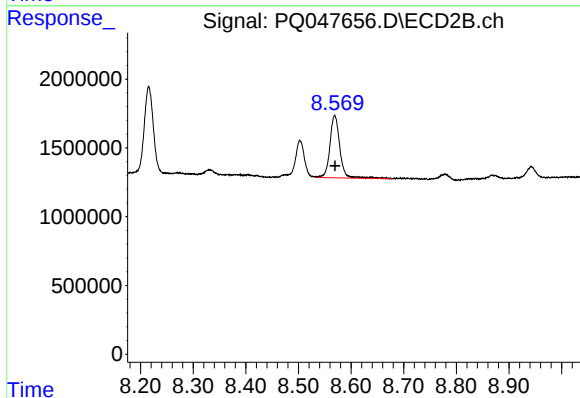
R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 3146486
Conc: 19.53 ng/ml



#39 AR-1262-4

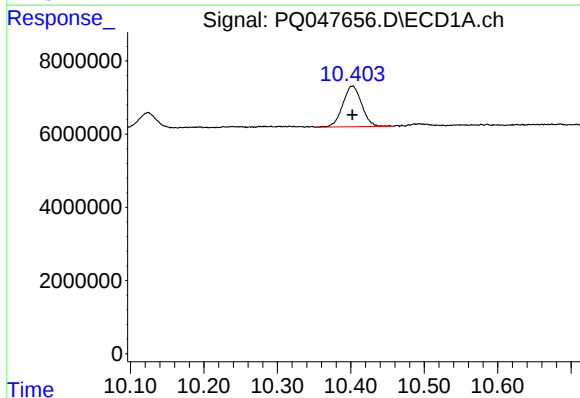
R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 26794344
Conc: 19.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



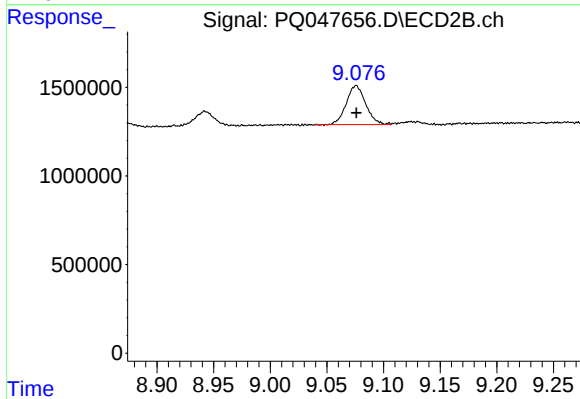
#39 AR-1262-4

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 5961444
Conc: 19.48 ng/ml



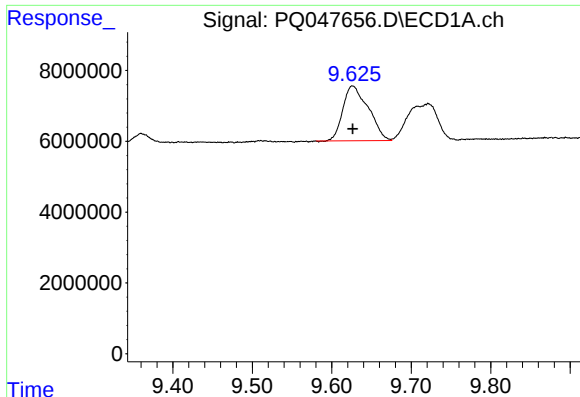
#40 AR-1262-5

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 19861179
Conc: 20.25 ng/ml



#40 AR-1262-5

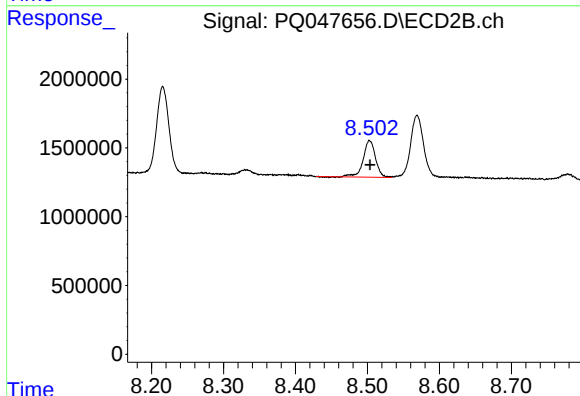
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 2624868
Conc: 18.32 ng/ml



#41 AR-1268-1

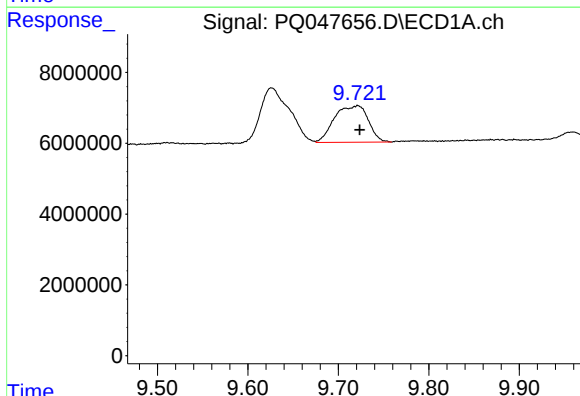
R.T.: 9.626 min
Delta R.T.: 0.000 min
Response: 34410221
Conc: 9.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



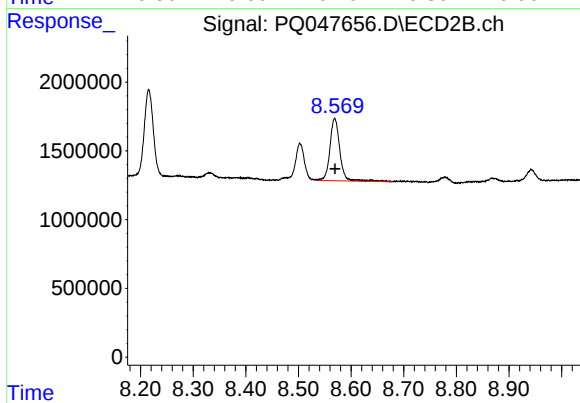
#41 AR-1268-1

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 3146486
Conc: 5.72 ng/ml



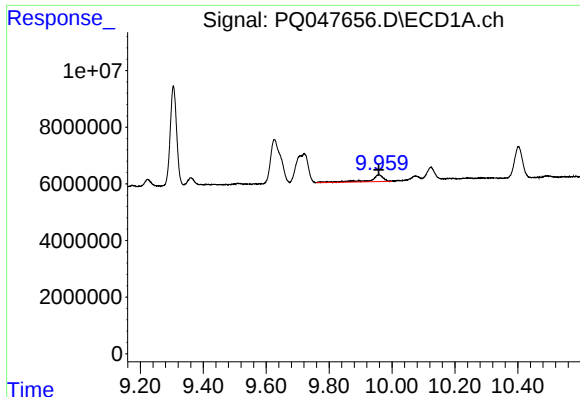
#42 AR-1268-2

R.T.: 9.721 min
Delta R.T.: -0.002 min
Response: 26794344
Conc: 8.34 ng/ml



#42 AR-1268-2

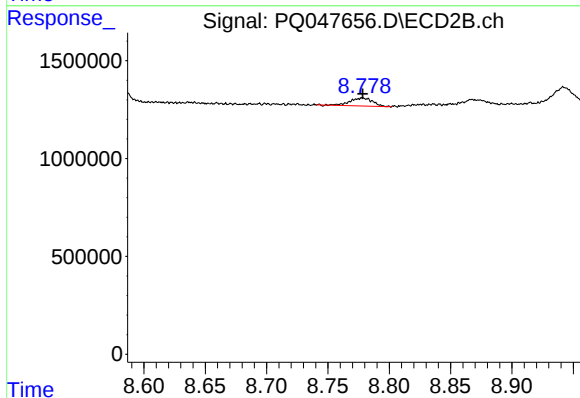
R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 5961444
Conc: 11.72 ng/ml



#43 AR-1268-3

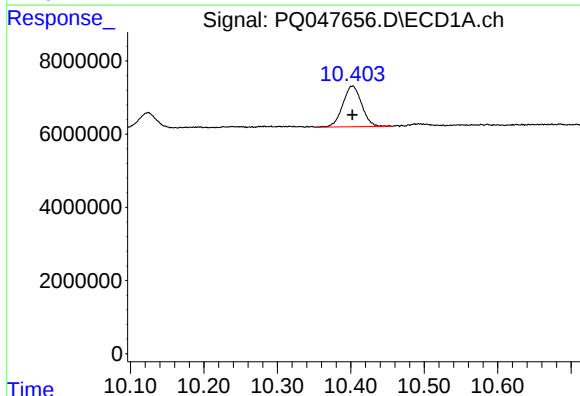
R.T.: 9.959 min
Delta R.T.: 0.001 min
Response: 6890522
Conc: 2.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



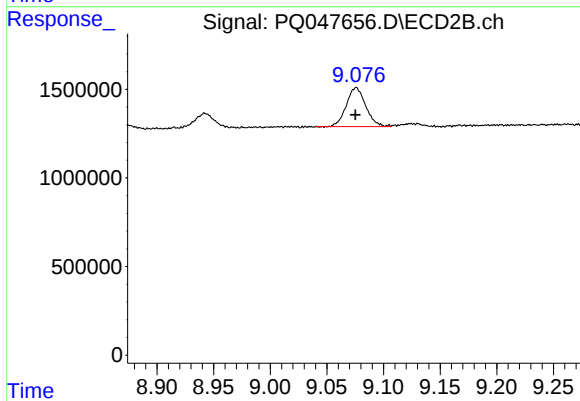
#43 AR-1268-3

R.T.: 8.778 min
Delta R.T.: 0.000 min
Response: 530851
Conc: 1.28 ng/ml



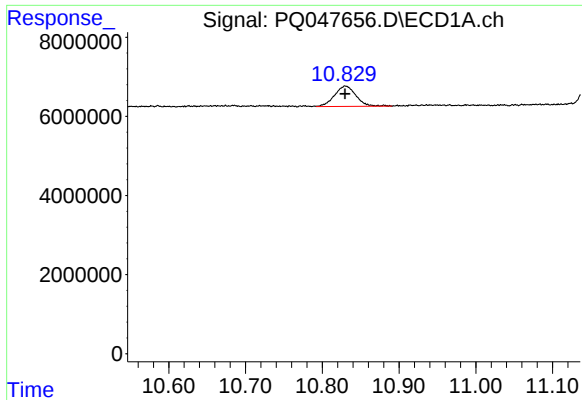
#44 AR-1268-4

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 19861179
Conc: 17.11 ng/ml



#44 AR-1268-4

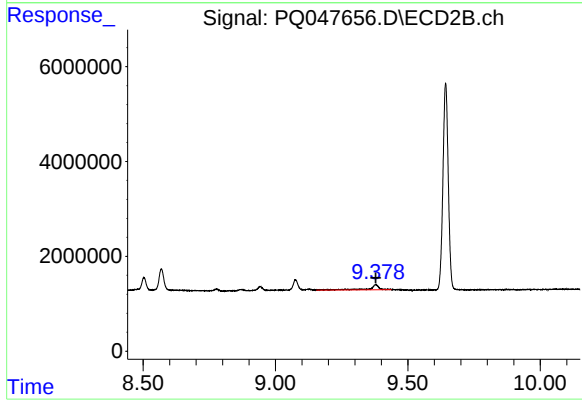
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 2624868
Conc: 15.41 ng/ml



#45 AR-1268-5

R.T.: 10.830 min
Delta R.T.: 0.000 min
Response: 9889688
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: 0.000 min
Response: 2705879
Conc: 2.07 ng/ml