

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
 Data File : PQ042086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2019 09:54
 Operator : SM\AJ
 Sample : K4041-20
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 04:55:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.681	4.741	17900037	16111588	7.805	8.360
2)	SA Decachlor...	12.070	10.494	84476115	64531499	10.019	13.340 #
Target Compounds							
3)	L1 AR-1016-1	7.127	6.193	14804997	14203327	136.977	136.874
4)	L1 AR-1016-2	7.154	6.215	20050755	15108701	128.097	105.457
5)	L1 AR-1016-3	7.234	6.431	10359051	4567636	107.095	61.251 #
6)	L1 AR-1016-4	7.334	6.484	7023188	24307613	90.024	391.993 #
7)	L1 AR-1016-5	7.670	6.736	20456872	19570679	260.232	240.416
9)	L2 AR-1221-2	6.070	0.000	2037842	0	117.936	N.D. #
12)	L3 AR-1232-2	6.810	6.215	12218096	15108701	371.860	264.936 #
13)	L3 AR-1232-3	7.154	6.431	20050755	4567636	300.325	153.176 #
14)	L3 AR-1232-4	7.334	6.569	7023188	20131979	218.950	754.100 #
15)	L3 AR-1232-5	7.441	6.736	24398962	19570679	1135.349	667.346 #
16)	L4 AR-1242-1	7.127	6.193	14804997	14203327	165.513	173.550
17)	L4 AR-1242-2	7.154	6.215	20050755	15108701	155.926	133.779
18)	L4 AR-1242-3	7.234	6.431	10359051	4567636	127.753	77.322 #
19)	L4 AR-1242-4	7.334	6.532	7023188	26566137	109.246	448.016 #
20)	L4 AR-1242-5	8.160	7.145	22141559	34100558	249.550	384.040 #
21)	L5 AR-1248-1	7.127	6.193	14804997	14203327	199.700	214.216
22)	L5 AR-1248-2	7.441	6.484	24398962	24307613	264.450	278.796
23)	L5 AR-1248-3	7.670	6.532	20456872	26566137	182.583	297.641 #
24)	L5 AR-1248-4	8.118	6.736	15403972	19570679	98.517	177.687 #
25)	L5 AR-1248-5	8.160	7.192	22141559	21303688	146.320	166.208
26)	L6 AR-1254-1	8.086	7.145	20865304	34100558	149.986	186.459
27)	L6 AR-1254-2	8.327	7.313	30804787	22979571	134.588	141.962
28)	L6 AR-1254-3	8.720	7.761	38700786	45921110	141.540	159.223
29)	L6 AR-1254-4	9.022	8.009	22130172	26165149	89.896	120.536 #
30)	L6 AR-1254-5	9.461	8.455	17686814	18334483	65.302	60.959
31)	L7 AR-1260-1	8.892	7.903	12192858	25098880	68.543	138.339 #
32)	L7 AR-1260-2	9.161	8.105	27211794	11276803	107.866	45.965 #
33)	L7 AR-1260-3	9.538	8.269	6367893	10966558	27.791	51.540 #
34)	L7 AR-1260-4	9.772	8.768	24008169	4096086	94.023	20.249 #
35)	L7 AR-1260-5	10.127	9.020	11680191	15640400	17.340	26.500 #
36)	L8 AR-1262-1	9.598	0.000	2429976	0	15.810	N.D. #
37)	L8 AR-1262-2	10.127	9.020	11680191	15640400	13.342	21.106 #
38)	L8 AR-1262-3	10.474	9.317	104.9E6	5335434	165.239	16.864 #
39)	L8 AR-1262-4	10.539	9.379	19630750	6653382	39.206	11.831 #
40)	L8 AR-1262-5	11.268	9.901	9547605	4280459	23.452	14.987 #
41)	L9 AR-1268-1	10.474	9.317	104.9E6	5335434	73.657	4.667 #
42)	L9 AR-1268-2	10.539	9.379	19630750	6653382	14.884	6.481 #
43)	L9 AR-1268-3	10.871	0.000	12041819	0	10.291	N.D. #
44)	L9 AR-1268-4	11.268	9.901	9547605	4280459	17.537	11.128 #

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Acq On : 07 Aug 2019 09:54
Operator : SM\AJ
Sample : K4041-20
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:55:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	10.219	0	2254567	N.D.	0.868 #

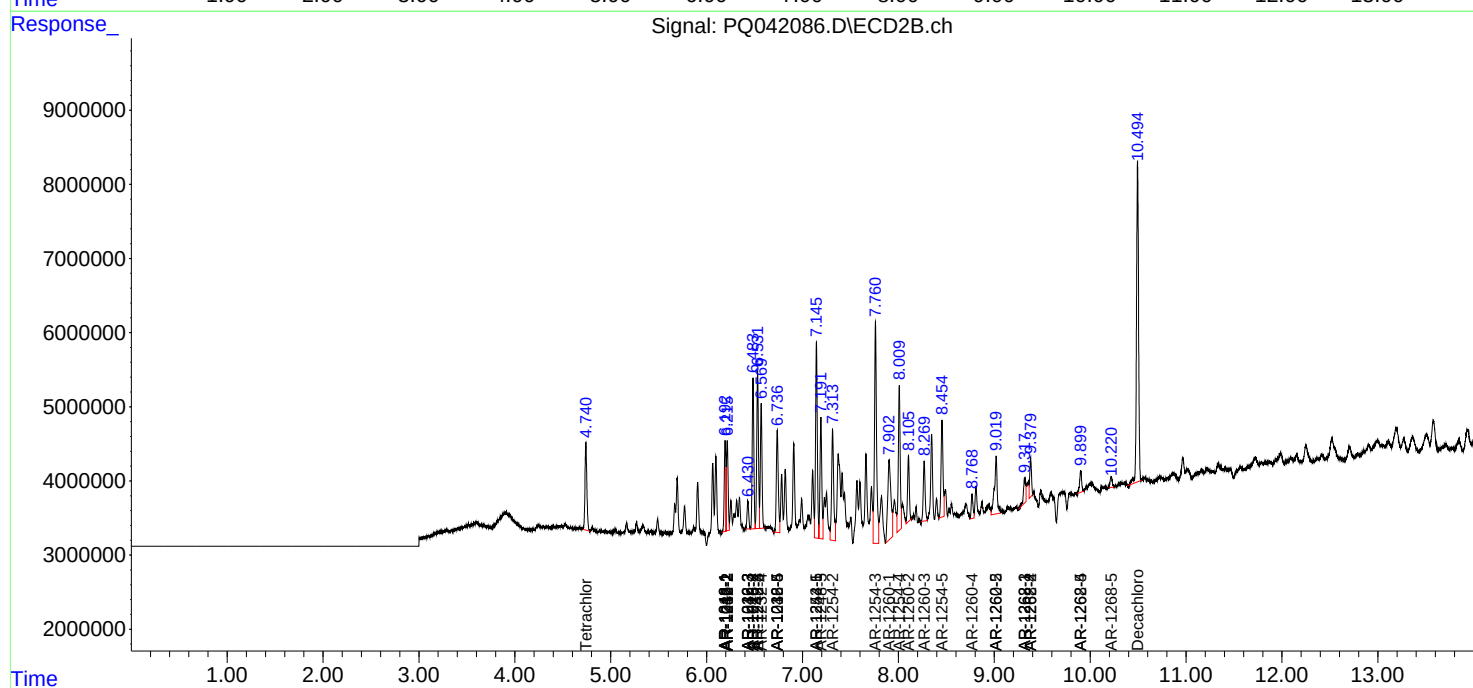
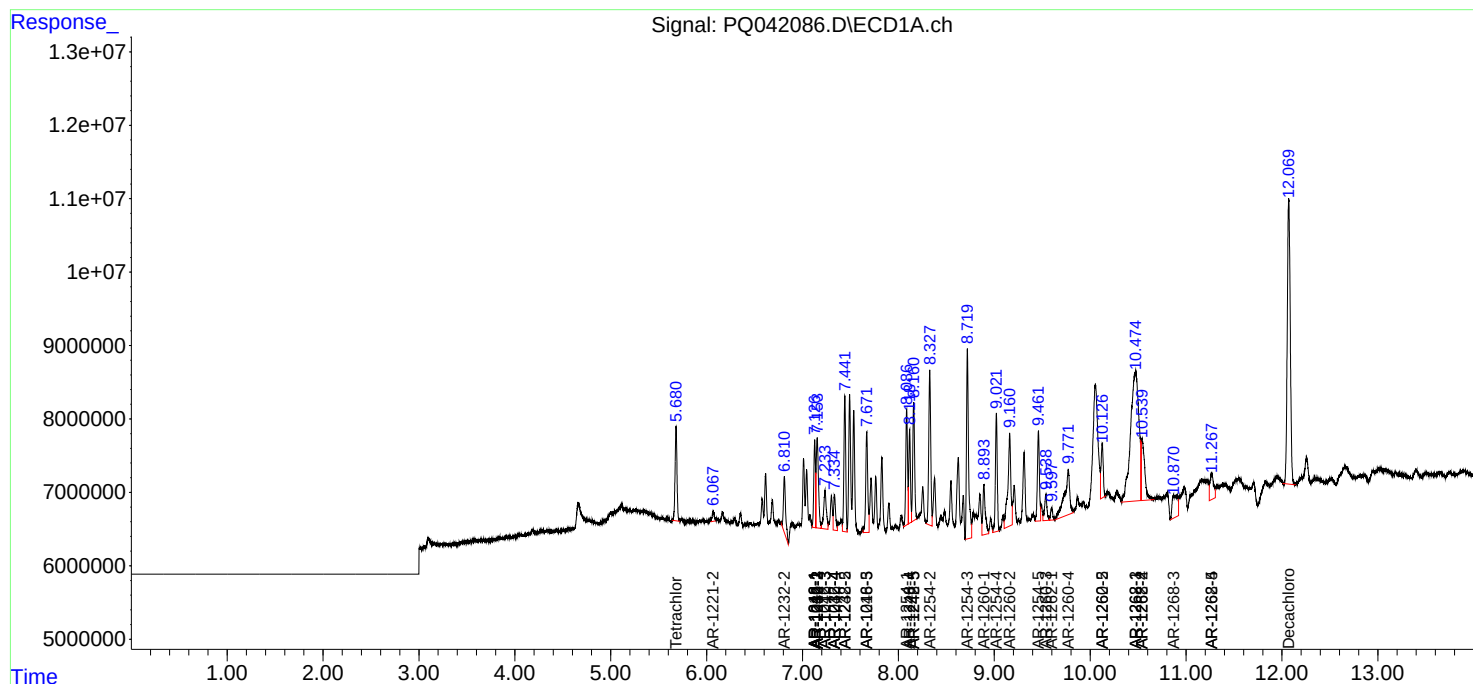
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

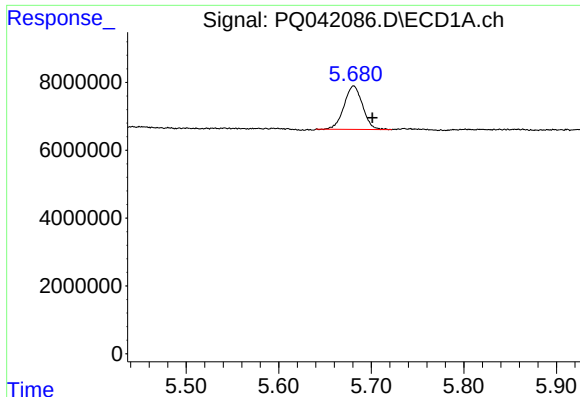
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
Data File : PQ042086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2019 09:54
Operator : SM\AJ
Sample : K4041-20
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 04:55:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

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

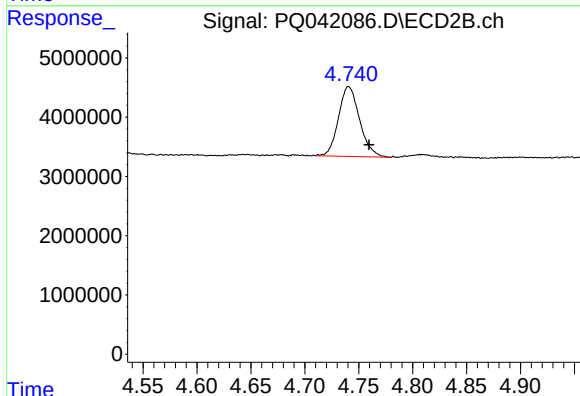




#1 Tetrachloro-m-xylene

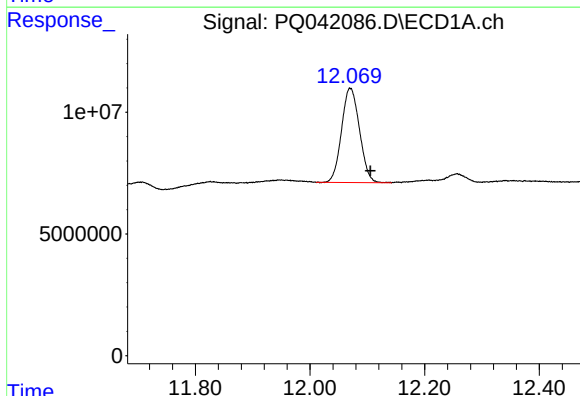
R.T.: 5.681 min
Delta R.T.: -0.020 min
Response: 17900037
Conc: 7.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



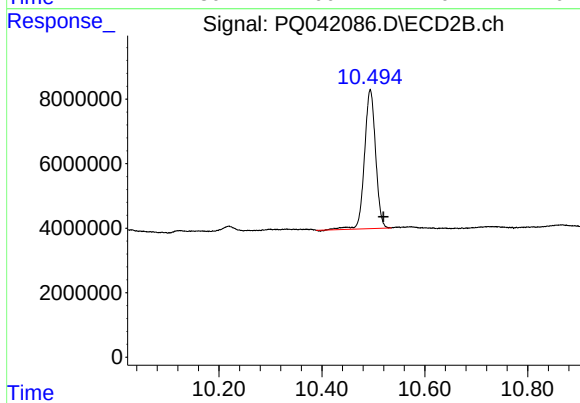
#1 Tetrachloro-m-xylene

R.T.: 4.741 min
Delta R.T.: -0.019 min
Response: 16111588
Conc: 8.36 ng/ml



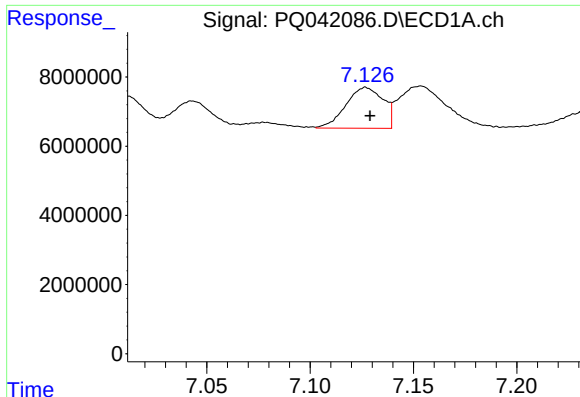
#2 Decachlorobiphenyl

R.T.: 12.070 min
Delta R.T.: -0.035 min
Response: 84476115
Conc: 10.02 ng/ml



#2 Decachlorobiphenyl

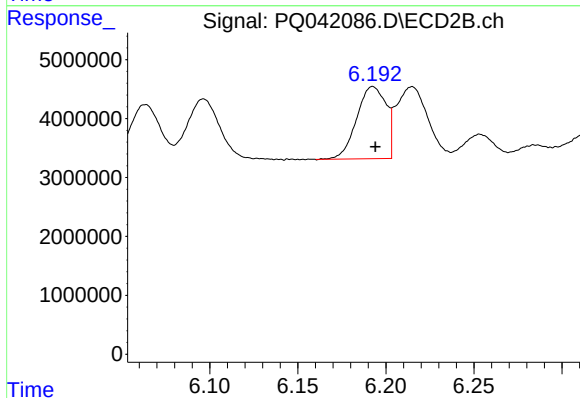
R.T.: 10.494 min
Delta R.T.: -0.026 min
Response: 64531499
Conc: 13.34 ng/ml



#3 AR-1016-1

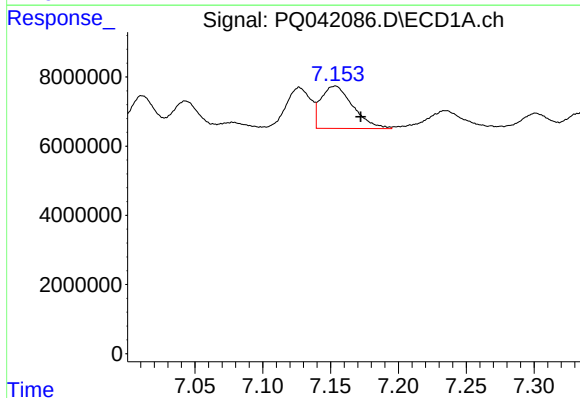
R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 14804997
Conc: 136.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



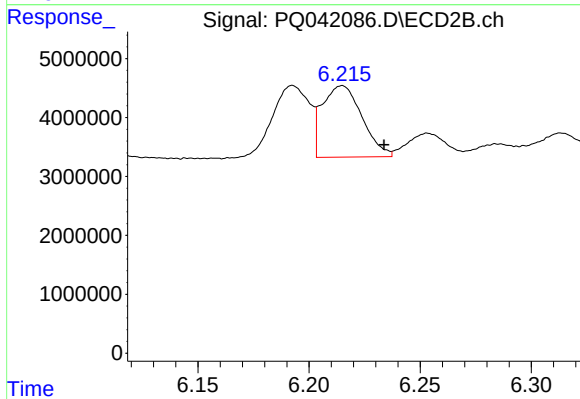
#3 AR-1016-1

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 14203327
Conc: 136.87 ng/ml



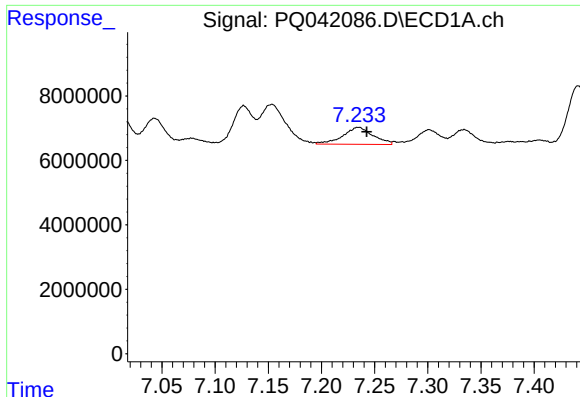
#4 AR-1016-2

R.T.: 7.154 min
Delta R.T.: -0.018 min
Response: 20050755
Conc: 128.10 ng/ml



#4 AR-1016-2

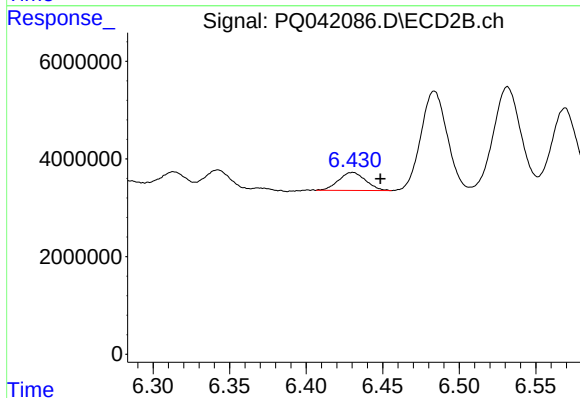
R.T.: 6.215 min
Delta R.T.: -0.019 min
Response: 15108701
Conc: 105.46 ng/ml



#5 AR-1016-3

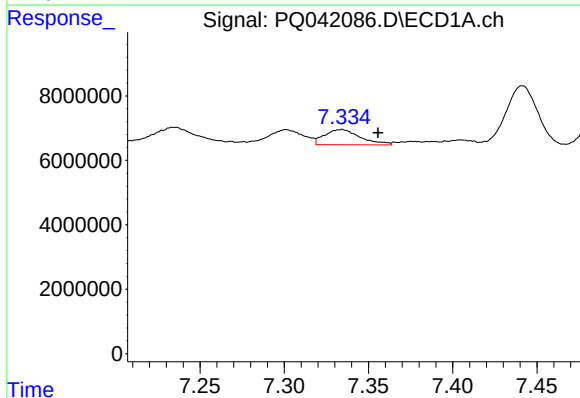
R.T.: 7.234 min
Delta R.T.: -0.009 min
Response: 10359051
Conc: 107.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



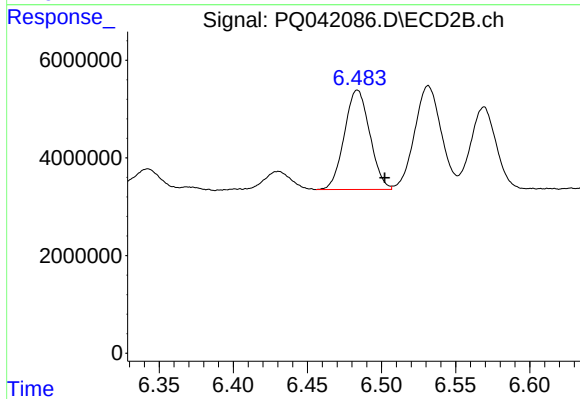
#5 AR-1016-3

R.T.: 6.431 min
Delta R.T.: -0.018 min
Response: 4567636
Conc: 61.25 ng/ml



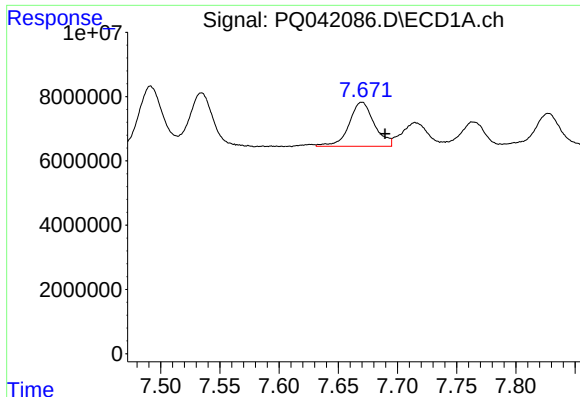
#6 AR-1016-4

R.T.: 7.334 min
Delta R.T.: -0.021 min
Response: 7023188
Conc: 90.02 ng/ml



#6 AR-1016-4

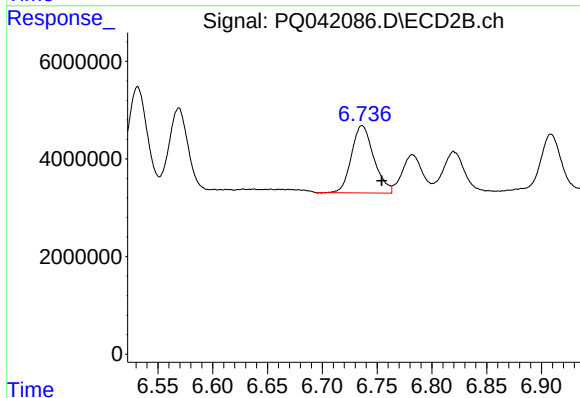
R.T.: 6.484 min
Delta R.T.: -0.018 min
Response: 24307613
Conc: 391.99 ng/ml



#7 AR-1016-5

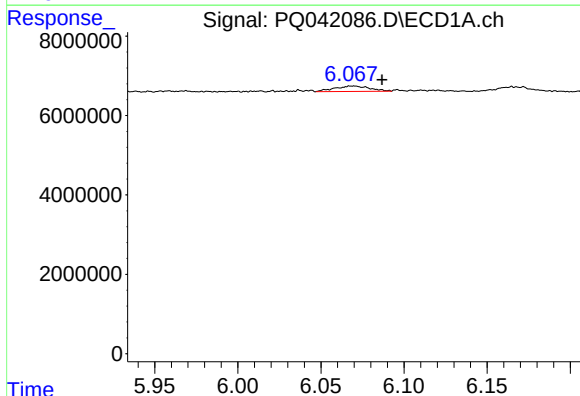
R.T.: 7.670 min
Delta R.T.: -0.019 min
Response: 20456872
Conc: 260.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



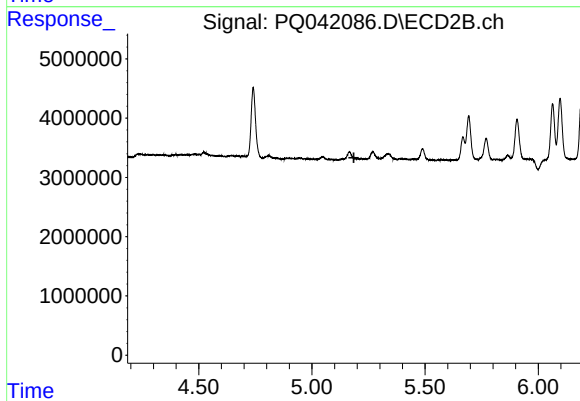
#7 AR-1016-5

R.T.: 6.736 min
Delta R.T.: -0.018 min
Response: 19570679
Conc: 240.42 ng/ml



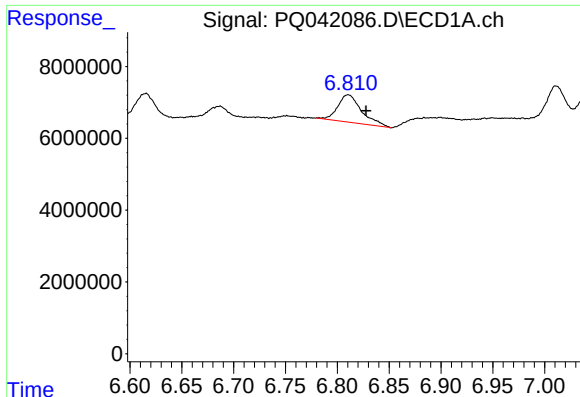
#9 AR-1221-2

R.T.: 6.070 min
Delta R.T.: -0.017 min
Response: 2037842
Conc: 117.94 ng/ml



#9 AR-1221-2

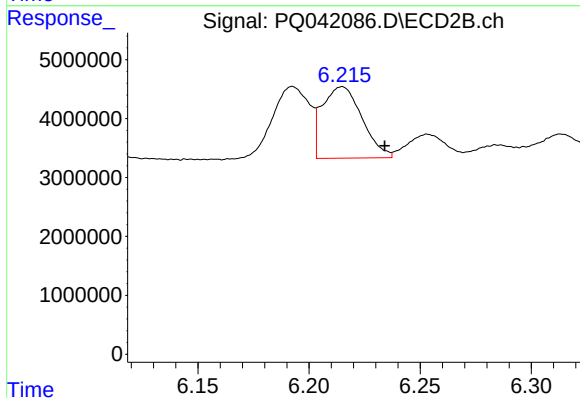
R.T.: 0.000 min
Exp R.T.: 5.185 min
Response: 0
Conc: N.D.



#12 AR-1232-2

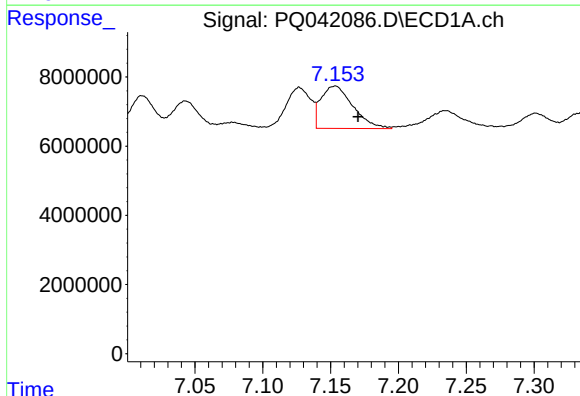
R.T.: 6.810 min
Delta R.T.: -0.017 min
Response: 12218096
Conc: 371.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



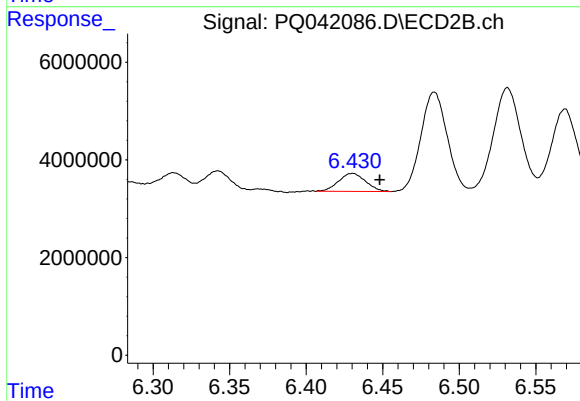
#12 AR-1232-2

R.T.: 6.215 min
Delta R.T.: -0.019 min
Response: 15108701
Conc: 264.94 ng/ml



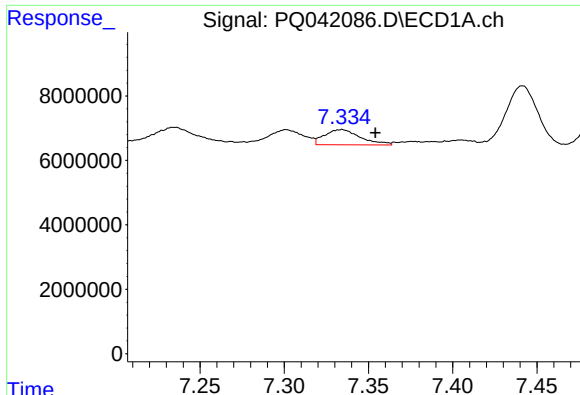
#13 AR-1232-3

R.T.: 7.154 min
Delta R.T.: -0.017 min
Response: 20050755
Conc: 300.33 ng/ml



#13 AR-1232-3

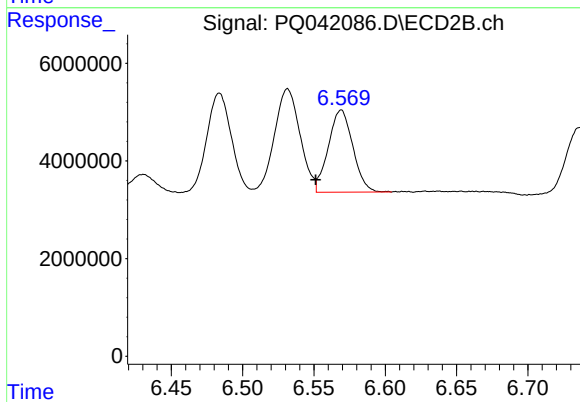
R.T.: 6.431 min
Delta R.T.: -0.018 min
Response: 4567636
Conc: 153.18 ng/ml



#14 AR-1232-4

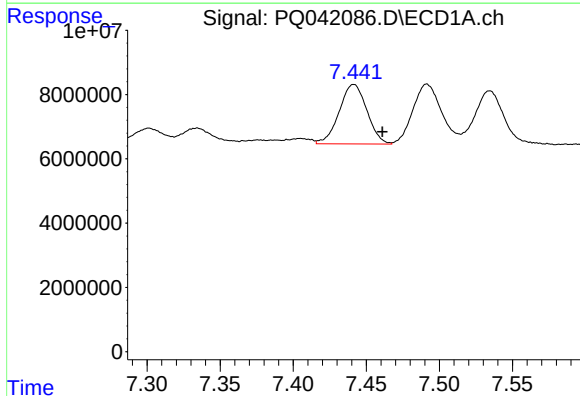
R.T.: 7.334 min
Delta R.T.: -0.020 min
Response: 7023188
Conc: 218.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



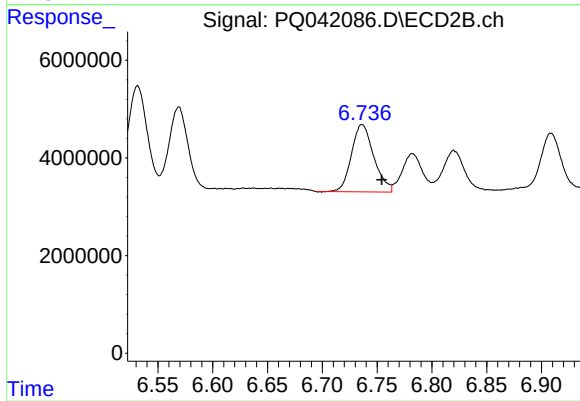
#14 AR-1232-4

R.T.: 6.569 min
Delta R.T.: 0.018 min
Response: 20131979
Conc: 754.10 ng/ml



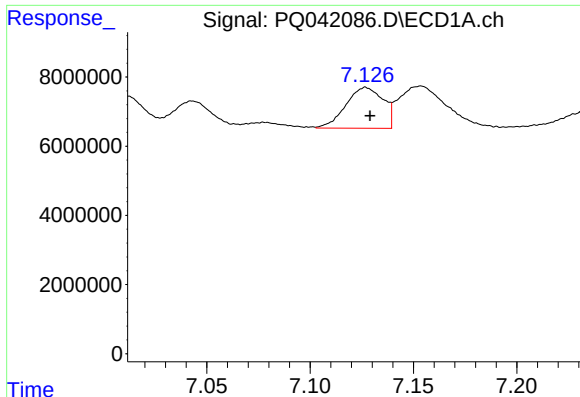
#15 AR-1232-5

R.T.: 7.441 min
Delta R.T.: -0.019 min
Response: 24398962
Conc: 1135.35 ng/ml



#15 AR-1232-5

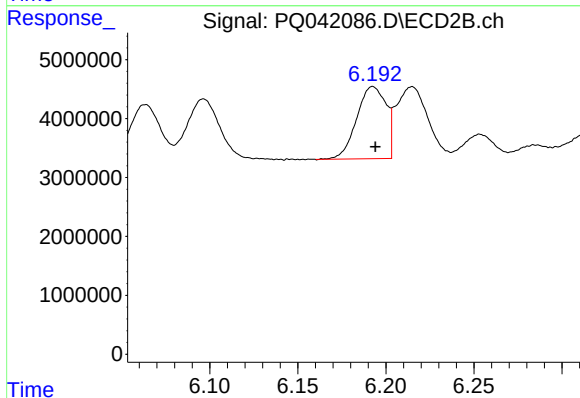
R.T.: 6.736 min
Delta R.T.: -0.018 min
Response: 19570679
Conc: 667.35 ng/ml



#16 AR-1242-1

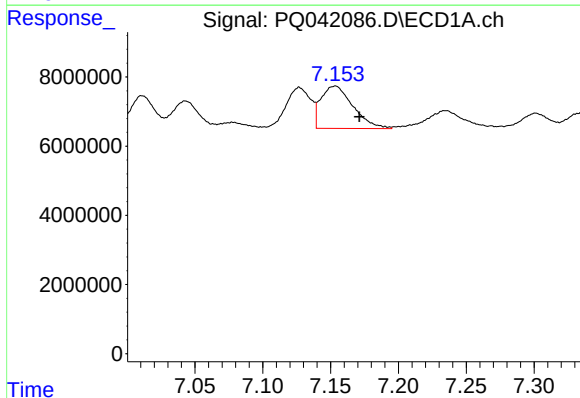
R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 14804997
Conc: 165.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



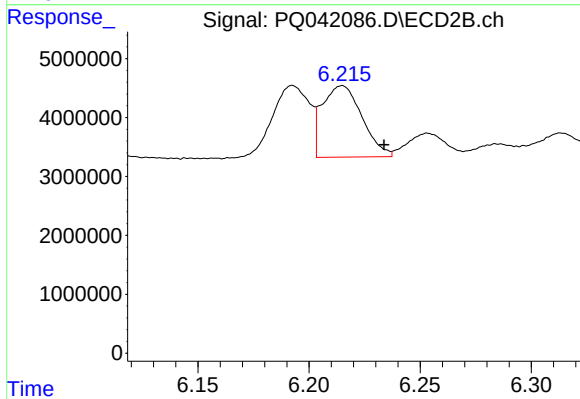
#16 AR-1242-1

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 14203327
Conc: 173.55 ng/ml



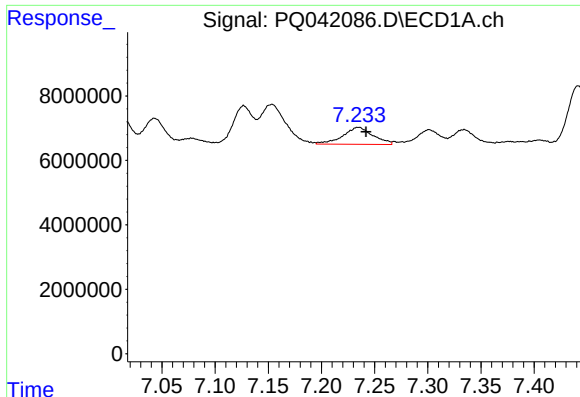
#17 AR-1242-2

R.T.: 7.154 min
Delta R.T.: -0.018 min
Response: 20050755
Conc: 155.93 ng/ml



#17 AR-1242-2

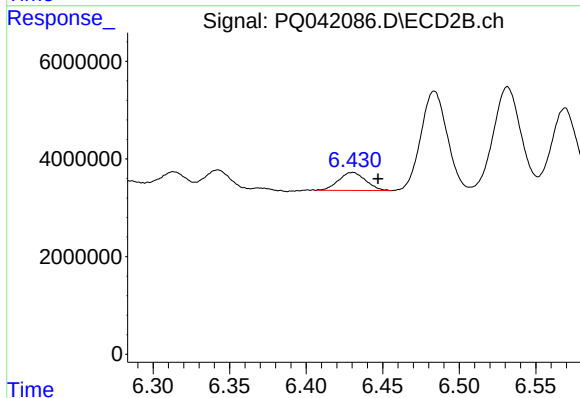
R.T.: 6.215 min
Delta R.T.: -0.019 min
Response: 15108701
Conc: 133.78 ng/ml



#18 AR-1242-3

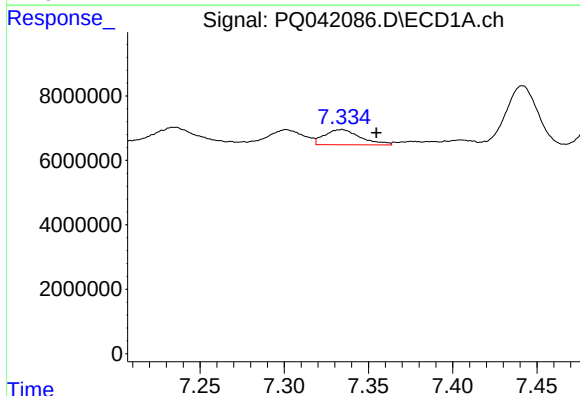
R.T.: 7.234 min
Delta R.T.: -0.008 min
Response: 10359051
Conc: 127.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



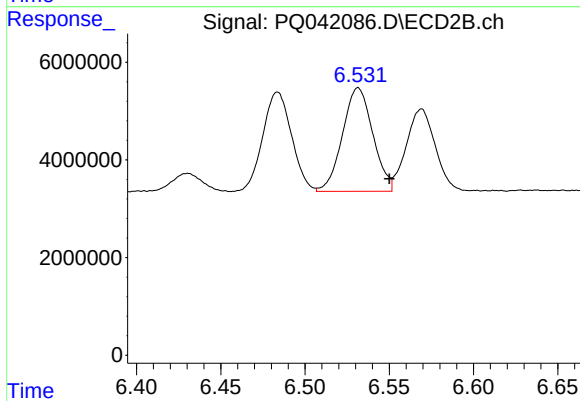
#18 AR-1242-3

R.T.: 6.431 min
Delta R.T.: -0.017 min
Response: 4567636
Conc: 77.32 ng/ml



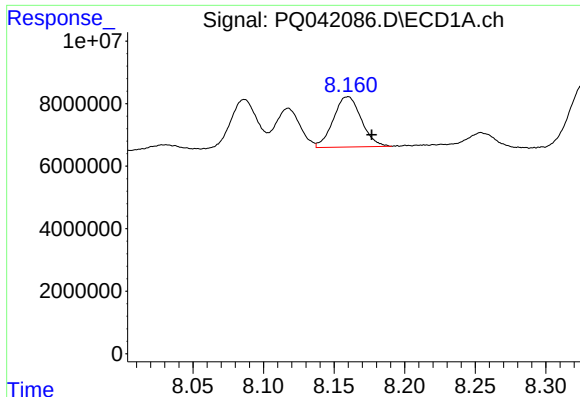
#19 AR-1242-4

R.T.: 7.334 min
Delta R.T.: -0.020 min
Response: 7023188
Conc: 109.25 ng/ml



#19 AR-1242-4

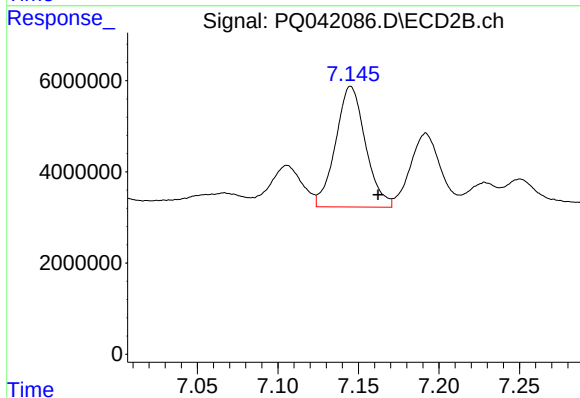
R.T.: 6.532 min
Delta R.T.: -0.018 min
Response: 26566137
Conc: 448.02 ng/ml



#20 AR-1242-5

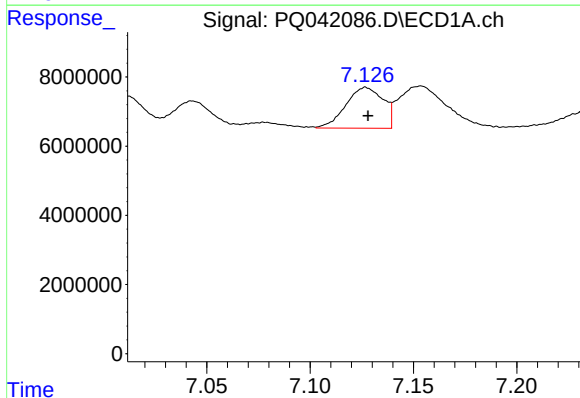
R.T.: 8.160 min
Delta R.T.: -0.016 min
Response: 22141559
Conc: 249.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



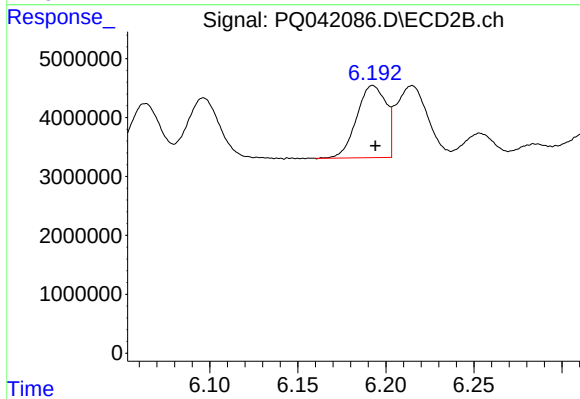
#20 AR-1242-5

R.T.: 7.145 min
Delta R.T.: -0.017 min
Response: 34100558
Conc: 384.04 ng/ml



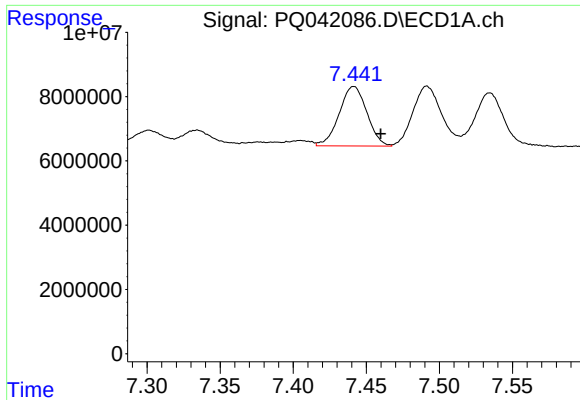
#21 AR-1248-1

R.T.: 7.127 min
Delta R.T.: -0.001 min
Response: 14804997
Conc: 199.70 ng/ml



#21 AR-1248-1

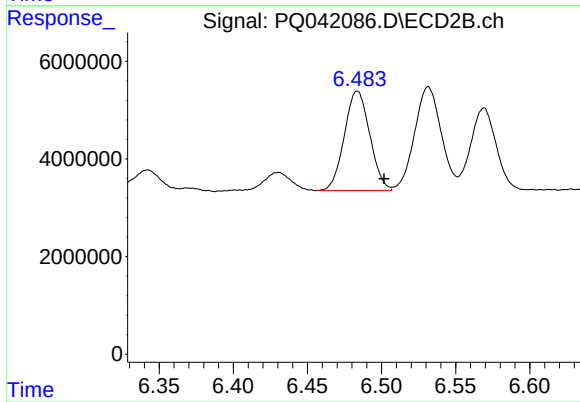
R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 14203327
Conc: 214.22 ng/ml



#22 AR-1248-2

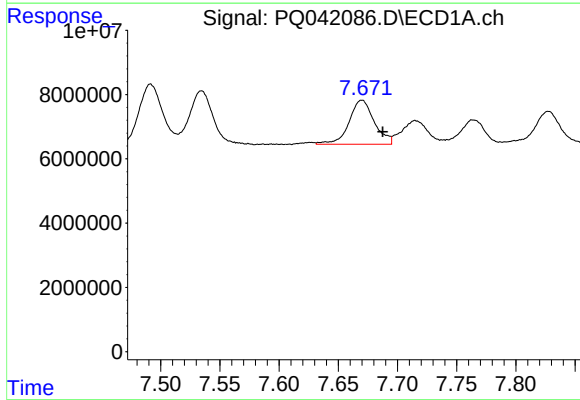
R.T.: 7.441 min
Delta R.T.: -0.018 min
Response: 24398962
Conc: 264.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



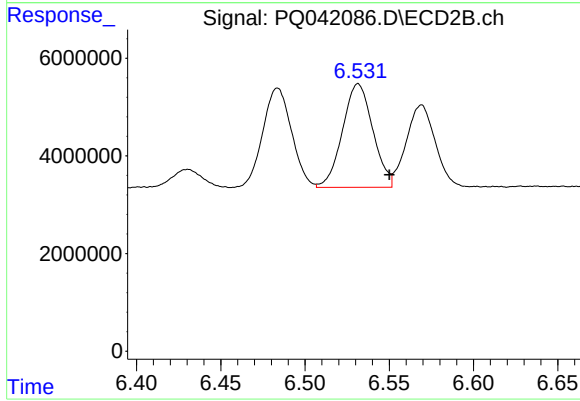
#22 AR-1248-2

R.T.: 6.484 min
Delta R.T.: -0.018 min
Response: 24307613
Conc: 278.80 ng/ml



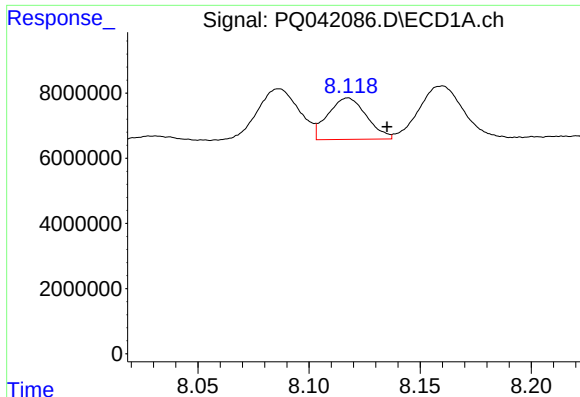
#23 AR-1248-3

R.T.: 7.670 min
Delta R.T.: -0.018 min
Response: 20456872
Conc: 182.58 ng/ml



#23 AR-1248-3

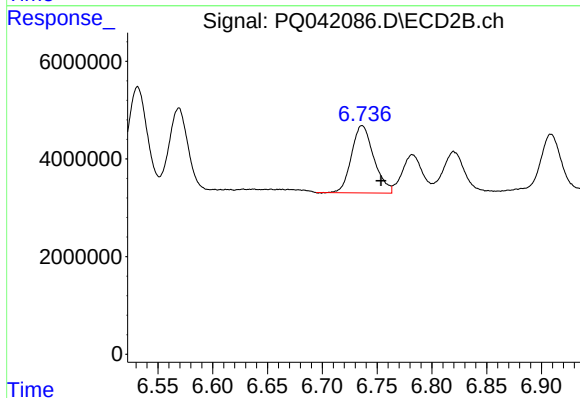
R.T.: 6.532 min
Delta R.T.: -0.018 min
Response: 26566137
Conc: 297.64 ng/ml



#24 AR-1248-4

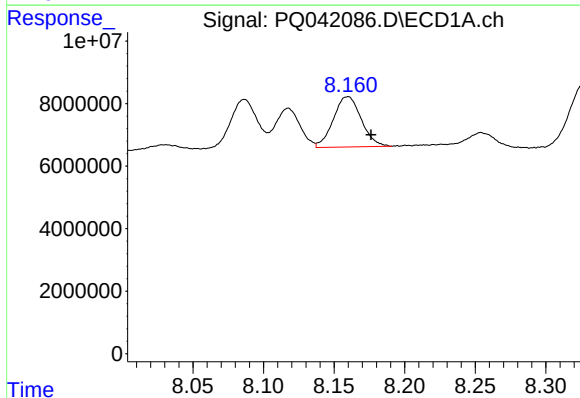
R.T.: 8.118 min
Delta R.T.: -0.018 min
Response: 15403972
Conc: 98.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



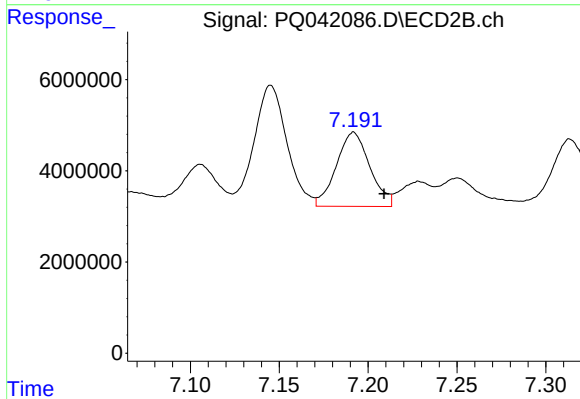
#24 AR-1248-4

R.T.: 6.736 min
Delta R.T.: -0.017 min
Response: 19570679
Conc: 177.69 ng/ml



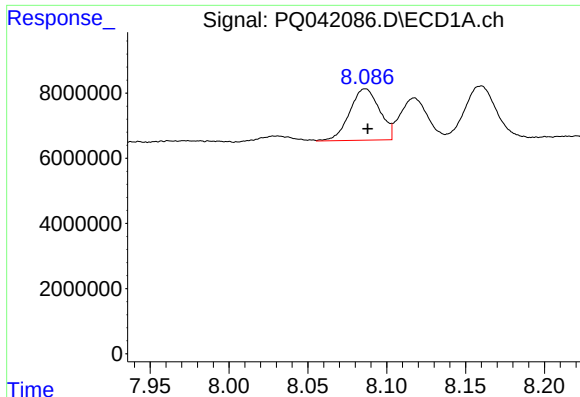
#25 AR-1248-5

R.T.: 8.160 min
Delta R.T.: -0.016 min
Response: 22141559
Conc: 146.32 ng/ml



#25 AR-1248-5

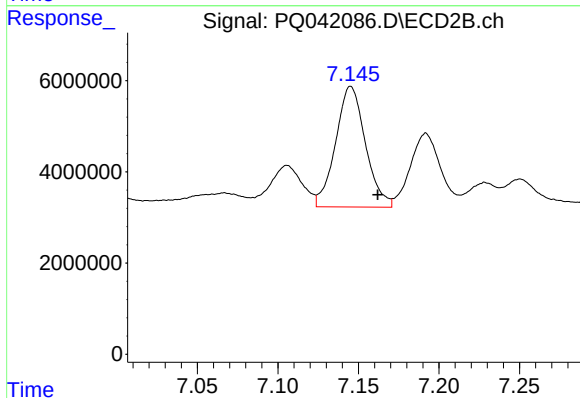
R.T.: 7.192 min
Delta R.T.: -0.017 min
Response: 21303688
Conc: 166.21 ng/ml



#26 AR-1254-1

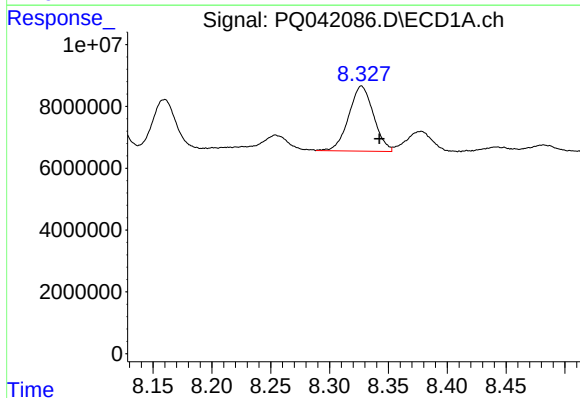
R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 20865304
Conc: 149.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



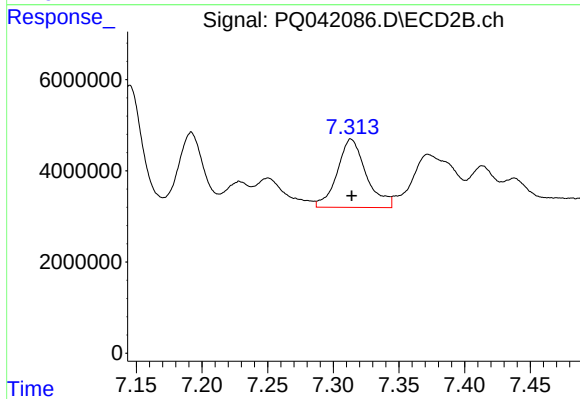
#26 AR-1254-1

R.T.: 7.145 min
Delta R.T.: -0.017 min
Response: 34100558
Conc: 186.46 ng/ml



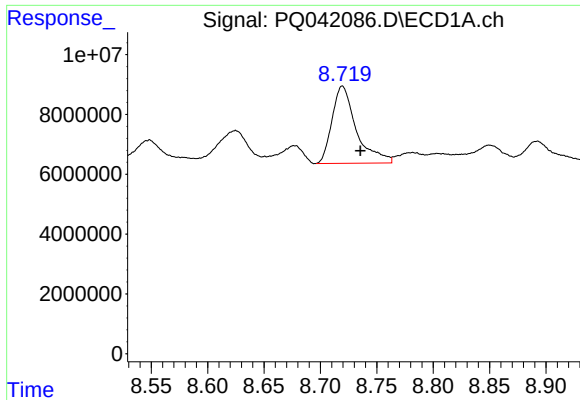
#27 AR-1254-2

R.T.: 8.327 min
Delta R.T.: -0.015 min
Response: 30804787
Conc: 134.59 ng/ml



#27 AR-1254-2

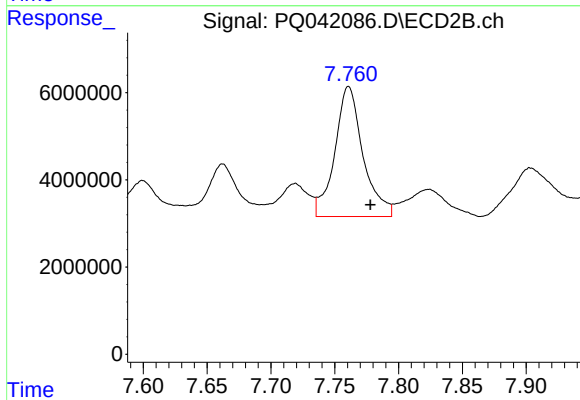
R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 22979571
Conc: 141.96 ng/ml



#28 AR-1254-3

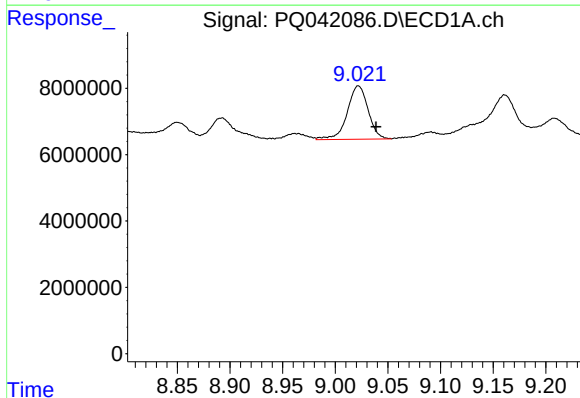
R.T.: 8.720 min
Delta R.T.: -0.016 min
Response: 38700786
Conc: 141.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



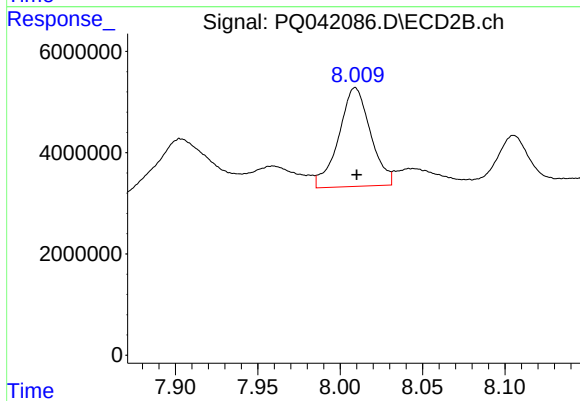
#28 AR-1254-3

R.T.: 7.761 min
Delta R.T.: -0.017 min
Response: 45921110
Conc: 159.22 ng/ml



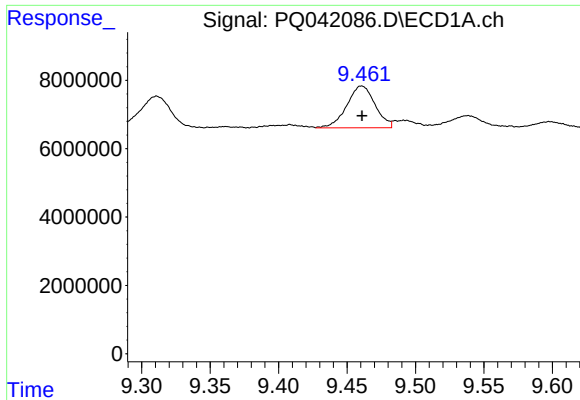
#29 AR-1254-4

R.T.: 9.022 min
Delta R.T.: -0.017 min
Response: 22130172
Conc: 89.90 ng/ml



#29 AR-1254-4

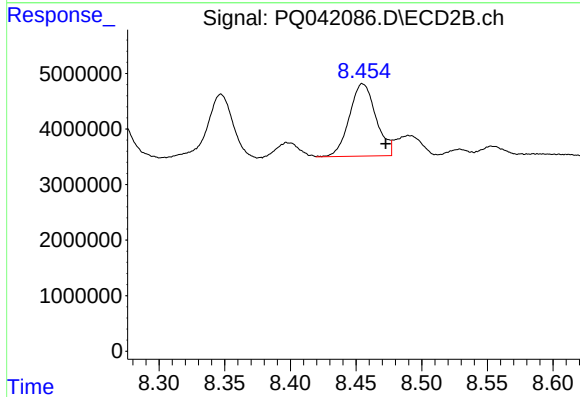
R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 26165149
Conc: 120.54 ng/ml



#30 AR-1254-5

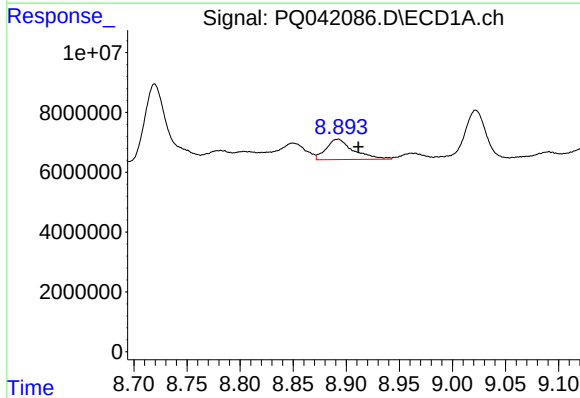
R.T.: 9.461 min
Delta R.T.: 0.000 min
Response: 17686814
Conc: 65.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



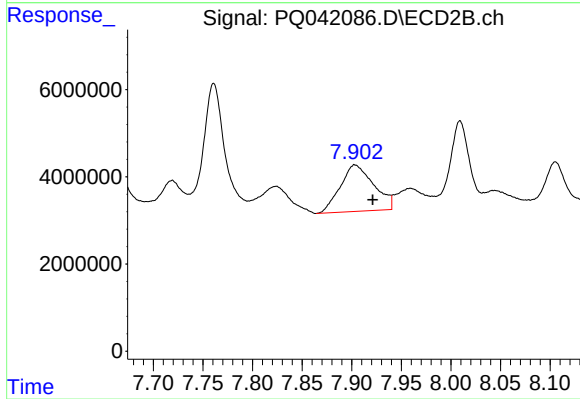
#30 AR-1254-5

R.T.: 8.455 min
Delta R.T.: -0.018 min
Response: 18334483
Conc: 60.96 ng/ml



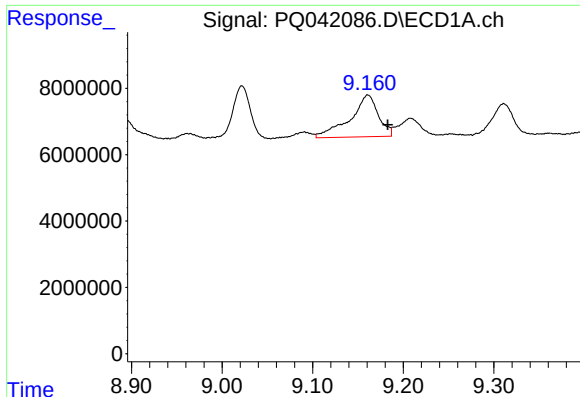
#31 AR-1260-1

R.T.: 8.892 min
Delta R.T.: -0.019 min
Response: 12192858
Conc: 68.54 ng/ml



#31 AR-1260-1

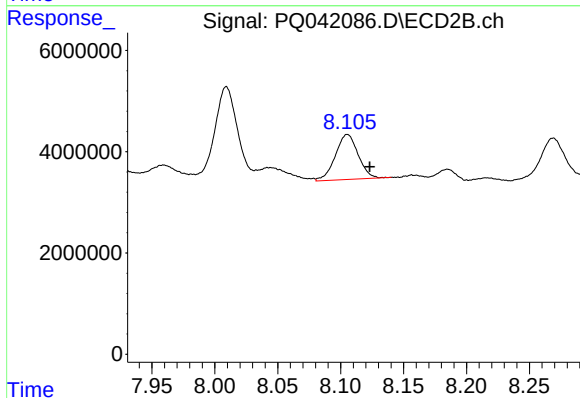
R.T.: 7.903 min
Delta R.T.: -0.018 min
Response: 25098880
Conc: 138.34 ng/ml



#32 AR-1260-2

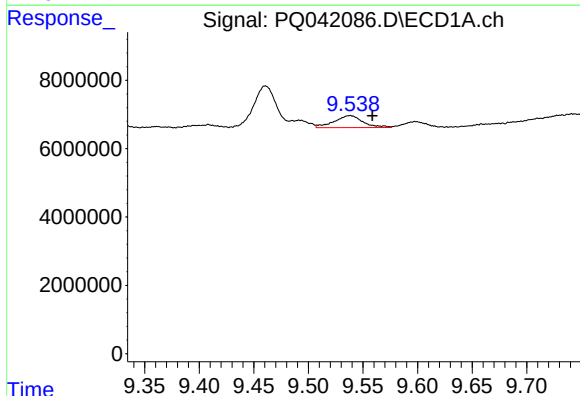
R.T.: 9.161 min
Delta R.T.: -0.022 min
Response: 27211794
Conc: 107.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



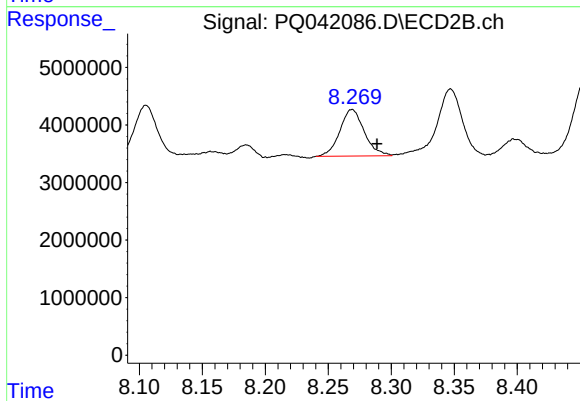
#32 AR-1260-2

R.T.: 8.105 min
Delta R.T.: -0.018 min
Response: 11276803
Conc: 45.96 ng/ml



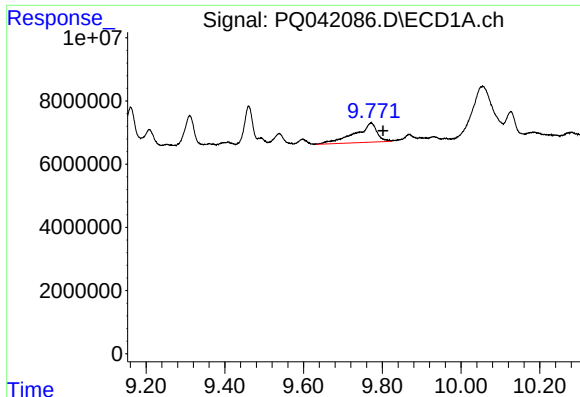
#33 AR-1260-3

R.T.: 9.538 min
Delta R.T.: -0.020 min
Response: 6367893
Conc: 27.79 ng/ml



#33 AR-1260-3

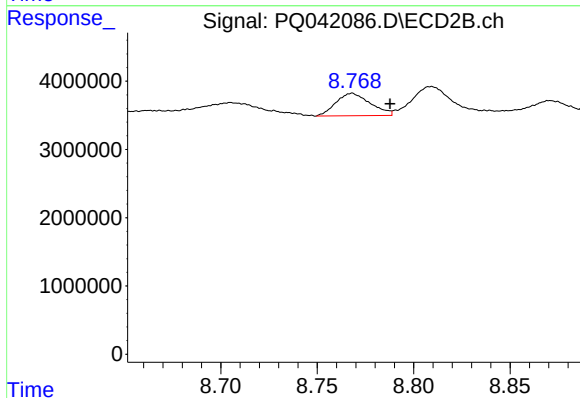
R.T.: 8.269 min
Delta R.T.: -0.020 min
Response: 10966558
Conc: 51.54 ng/ml



#34 AR-1260-4

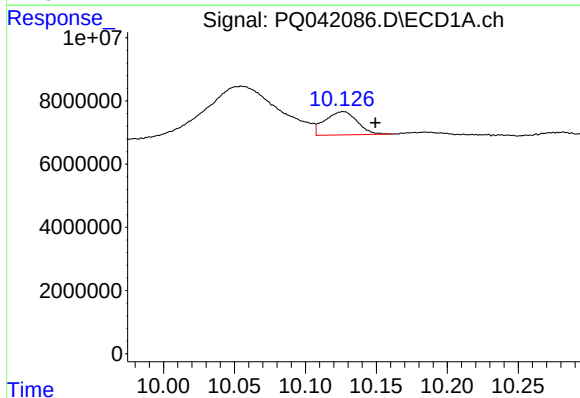
R.T.: 9.772 min
Delta R.T.: -0.030 min
Response: 24008169
Conc: 94.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



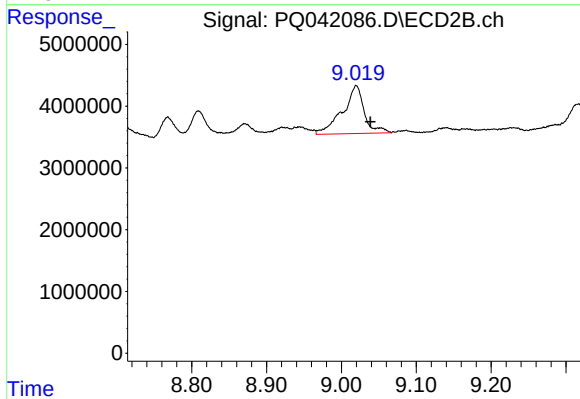
#34 AR-1260-4

R.T.: 8.768 min
Delta R.T.: -0.020 min
Response: 4096086
Conc: 20.25 ng/ml



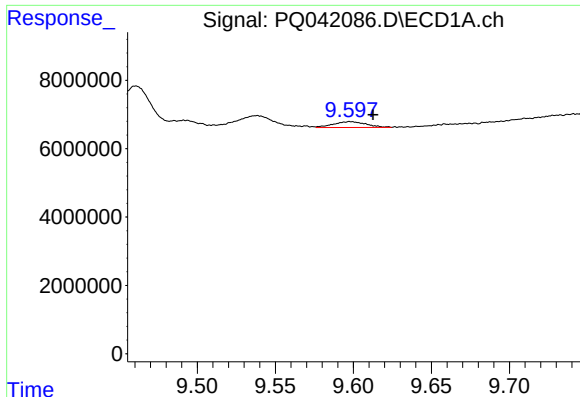
#35 AR-1260-5

R.T.: 10.127 min
Delta R.T.: -0.023 min
Response: 11680191
Conc: 17.34 ng/ml



#35 AR-1260-5

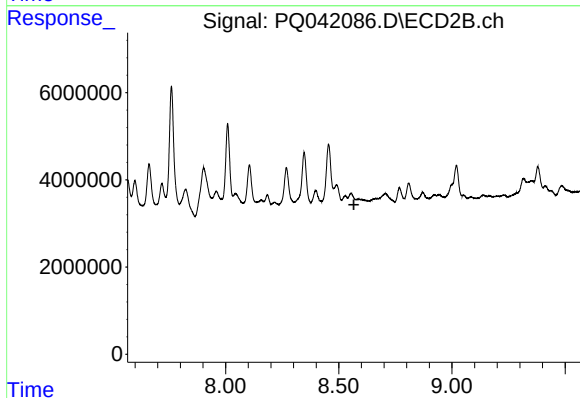
R.T.: 9.020 min
Delta R.T.: -0.019 min
Response: 15640400
Conc: 26.50 ng/ml



#36 AR-1262-1

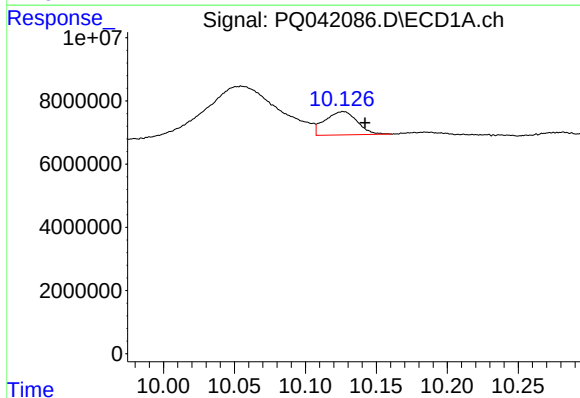
R.T.: 9.598 min
Delta R.T.: -0.014 min
Response: 2429976
Conc: 15.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



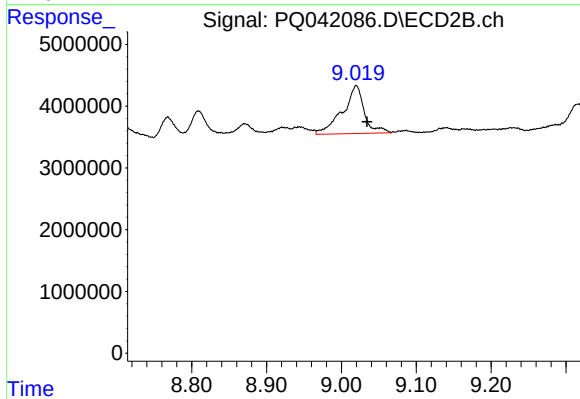
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.567 min
Response: 0
Conc: N.D.



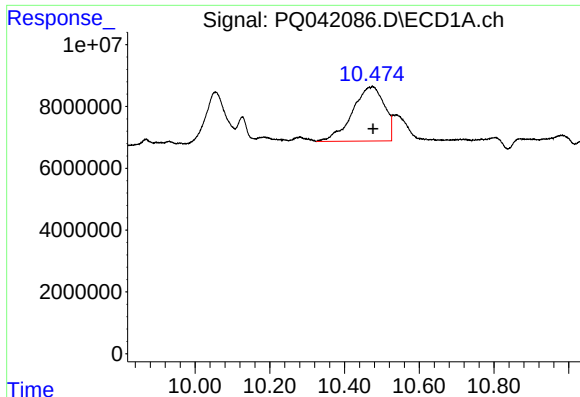
#37 AR-1262-2

R.T.: 10.127 min
Delta R.T.: -0.015 min
Response: 11680191
Conc: 13.34 ng/ml



#37 AR-1262-2

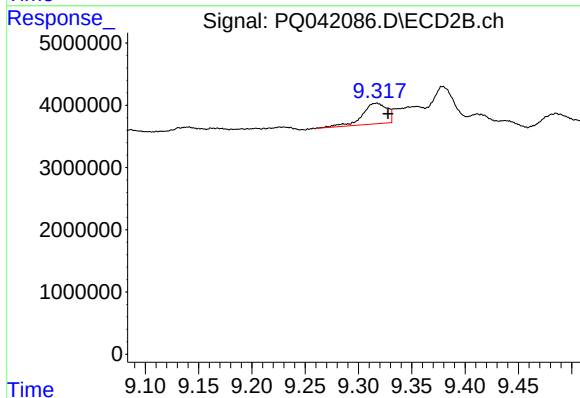
R.T.: 9.020 min
Delta R.T.: -0.014 min
Response: 15640400
Conc: 21.11 ng/ml



#38 AR-1262-3

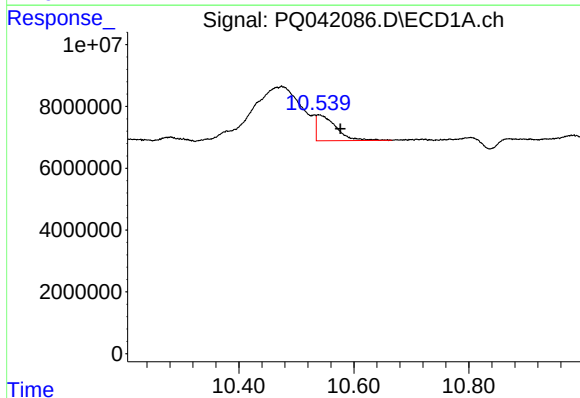
R.T.: 10.474 min
Delta R.T.: -0.002 min
Response: 104928036
Conc: 165.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



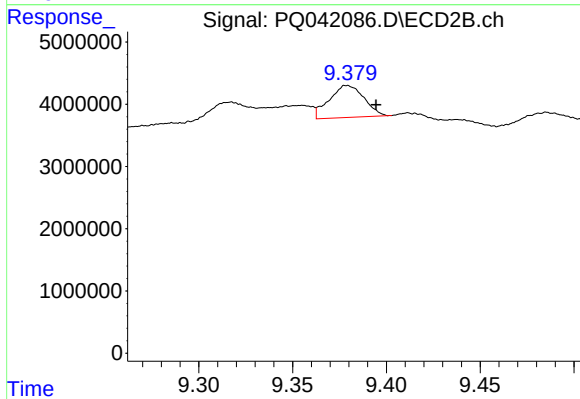
#38 AR-1262-3

R.T.: 9.317 min
Delta R.T.: -0.011 min
Response: 5335434
Conc: 16.86 ng/ml



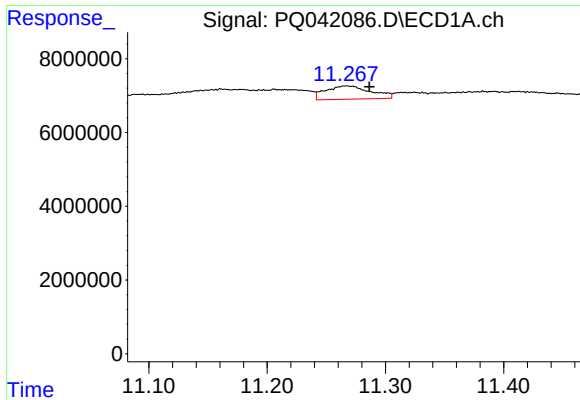
#39 AR-1262-4

R.T.: 10.539 min
Delta R.T.: -0.037 min
Response: 19630750
Conc: 39.21 ng/ml



#39 AR-1262-4

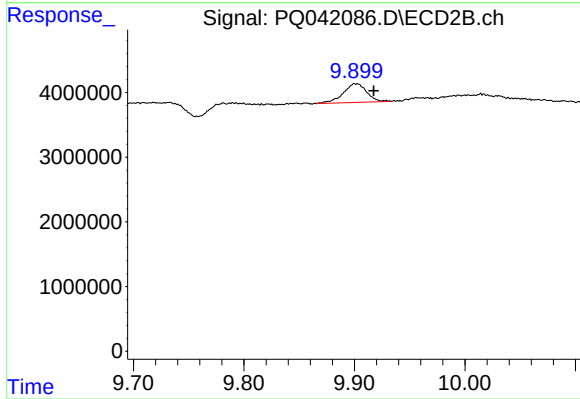
R.T.: 9.379 min
Delta R.T.: -0.016 min
Response: 6653382
Conc: 11.83 ng/ml



#40 AR-1262-5

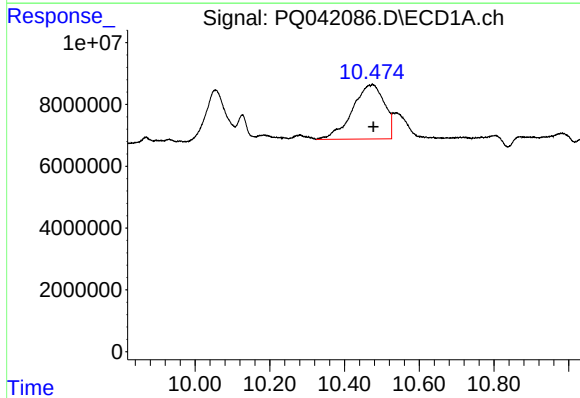
R.T.: 11.268 min
Delta R.T.: -0.019 min
Response: 9547605
Conc: 23.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



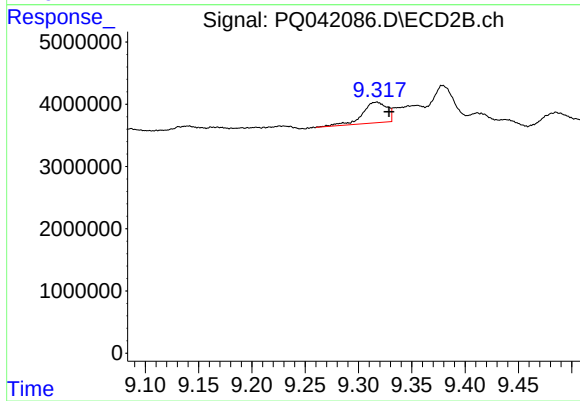
#40 AR-1262-5

R.T.: 9.901 min
Delta R.T.: -0.016 min
Response: 4280459
Conc: 14.99 ng/ml



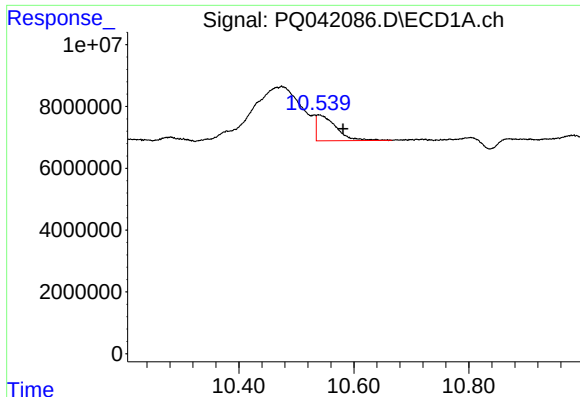
#41 AR-1268-1

R.T.: 10.474 min
Delta R.T.: -0.004 min
Response: 104928036
Conc: 73.66 ng/ml



#41 AR-1268-1

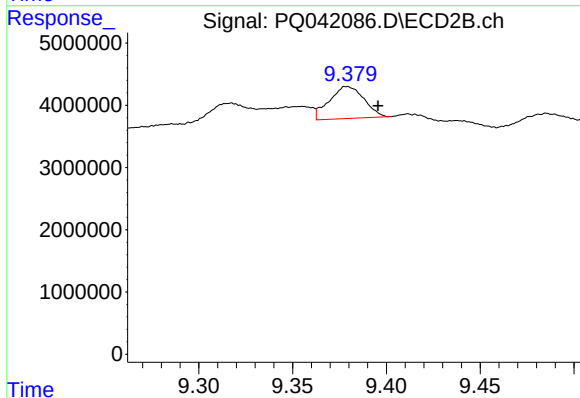
R.T.: 9.317 min
Delta R.T.: -0.012 min
Response: 5335434
Conc: 4.67 ng/ml



#42 AR-1268-2

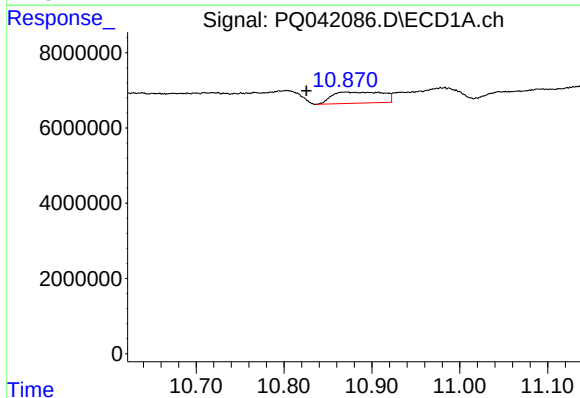
R.T.: 10.539 min
Delta R.T.: -0.042 min
Response: 19630750
Conc: 14.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



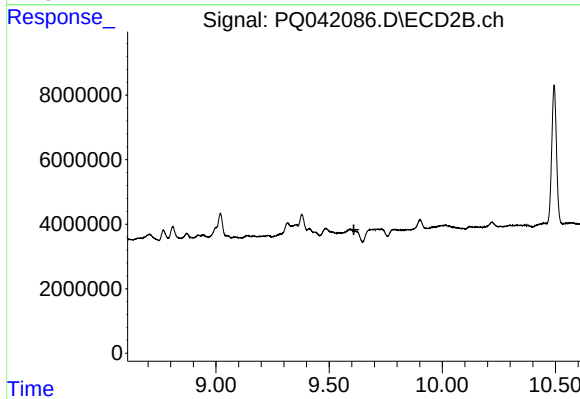
#42 AR-1268-2

R.T.: 9.379 min
Delta R.T.: -0.017 min
Response: 6653382
Conc: 6.48 ng/ml



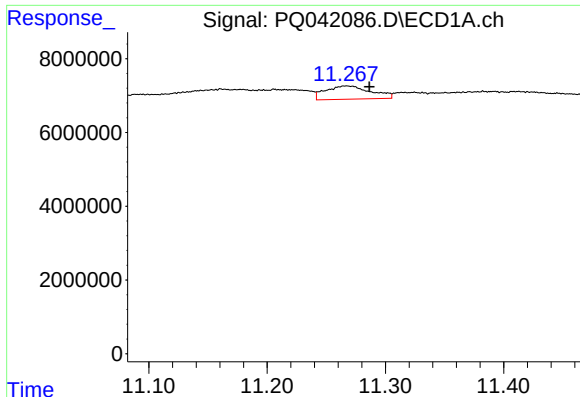
#43 AR-1268-3

R.T.: 10.871 min
Delta R.T.: 0.046 min
Response: 12041819
Conc: 10.29 ng/ml



#43 AR-1268-3

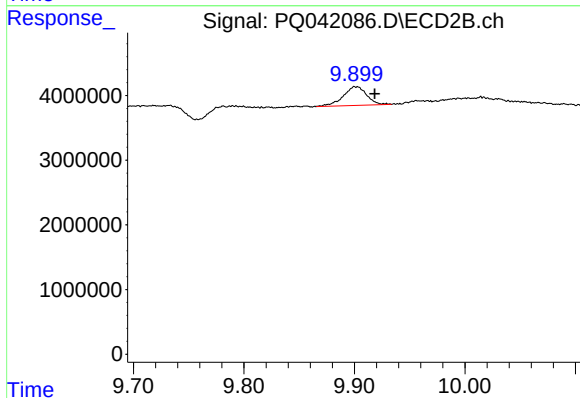
R.T.: 0.000 min
Exp R.T.: 9.609 min
Response: 0
Conc: N.D.



#44 AR-1268-4

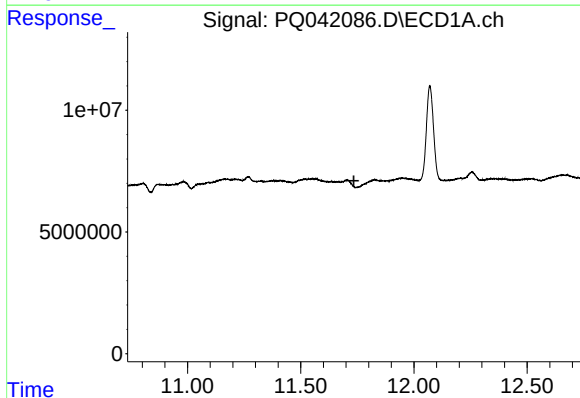
R.T.: 11.268 min
Delta R.T.: -0.019 min
Response: 9547605
Conc: 17.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



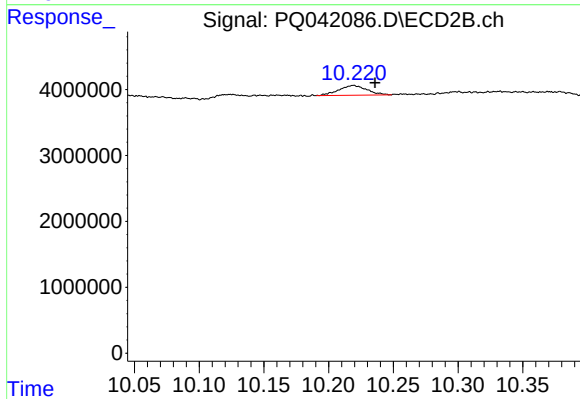
#44 AR-1268-4

R.T.: 9.901 min
Delta R.T.: -0.017 min
Response: 4280459
Conc: 11.13 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.735 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.219 min
Delta R.T.: -0.017 min
Response: 2254567
Conc: 0.87 ng/ml