

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2021 22:32
 Operator : DD\AJ
 Sample : M2262-07
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 04:00:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 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...	5.221	4.236	639.6E6	277.8E6	22.153	21.563
2)	SA Decachlor...	11.409	9.574	697.7E6	332.2E6	23.362	23.400
Target Compounds							
3)	L1 AR-1016-1	6.547	5.495	8607881	5817270	8.693	12.781 #
4)	L1 AR-1016-2	6.572	5.516	14222926	6547475	9.238	9.663
5)	L1 AR-1016-3	6.639	5.710	7115990	4742998	7.770	13.702 #
6)	L1 AR-1016-4	6.747	5.758	10165713	10308293	13.795	36.441 #
7)	L1 AR-1016-5	7.059	5.988	29517802	12731699	40.922	35.270
8)	L2 AR-1221-1	5.458	0.000	1914032	0	6.560	N.D. #
9)	L2 AR-1221-2	5.578	4.590	23491172	6357709	110.601	63.386 #
10)	L2 AR-1221-3	5.659	4.684	15578516	2860896	22.321	8.773 #
11)	L3 AR-1232-1	5.659	4.684	15578516	2860896	30.232	12.062 #
12)	L3 AR-1232-2	6.246	5.516	30002018	6547475	107.742	25.884 #
13)	L3 AR-1232-3	6.572	5.710	14222926	4742998	24.225	37.302 #
14)	L3 AR-1232-4	6.747	5.803	10165713	10024658	37.244	89.373 #
15)	L3 AR-1232-5	6.839	5.988	24076881	12731699	121.066	103.594
16)	L4 AR-1242-1	6.547	5.495	8607881	5817270	12.316	18.124 #
17)	L4 AR-1242-2	6.572	5.516	14222926	6547475	13.128	13.859
18)	L4 AR-1242-3	6.639	5.710	7115990	4742998	10.958	19.492 #
19)	L4 AR-1242-4	6.747	5.803	10165713	10024658	19.417	42.306 #
20)	L4 AR-1242-5	7.528	6.368	41369906	19952311	70.872	62.545
21)	L5 AR-1248-1	6.547	5.495	8607881	5817270	16.541	24.064 #
22)	L5 AR-1248-2	6.839	5.758	24076881	10308293	31.757	29.890
23)	L5 AR-1248-3	7.059	5.803	29517802	10024658	34.372	28.580
24)	L5 AR-1248-4	7.488	5.988	34776726	12731699	35.750	29.792
25)	L5 AR-1248-5	7.528	6.412	41369906	14201931	42.318	33.488
26)	L6 AR-1254-1	7.457	6.368	30707867	19952311	31.544	29.476
27)	L6 AR-1254-2	7.693	6.526	32649023	7511822	21.631	12.065 #
28)	L6 AR-1254-3	8.069	6.948	23606727	7351646	15.107	7.405 #
29)	L6 AR-1254-4	8.364	7.186	12258189	5646981	10.568	9.094
30)	L6 AR-1254-5	8.791	7.611	3363847	1445918	2.612	1.495 #
31)	L7 AR-1260-1	8.230	7.096	2771740	5467880	2.035	6.778 #
32)	L7 AR-1260-2	8.500	7.282	4904268	972610	2.854	0.857 #
33)	L7 AR-1260-3	8.843f	7.429	326142	2074853	0.271	2.175 #
34)	L7 AR-1260-4	9.100	0.000	2220038	0	1.743	N.D. #
35)	L7 AR-1260-5	9.444	0.000	1427188	0	0.519	N.D. #
36)	L8 AR-1262-1	8.843f	7.611	326142	1445918	0.188	3.017 #
37)	L8 AR-1262-2	9.444	0.000	1427188	0	0.471	N.D. #
38)	L8 AR-1262-3	9.782	0.000	391810	0	0.191	N.D. #
40)	L8 AR-1262-5	10.594	0.000	1227297	0	1.078	N.D. #
41)	L9 AR-1268-1	9.782	0.000	391810	0	0.111	N.D. #
43)	L9 AR-1268-3	10.114f	8.732	2174529	1944254	0.742	1.140 #

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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
44) L9	AR-1268-4	10.594	0.000	1227297	0	1.065	N.D. #
45) L9	AR-1268-5	11.045	9.316	5204809	9097668	0.557	1.879 #

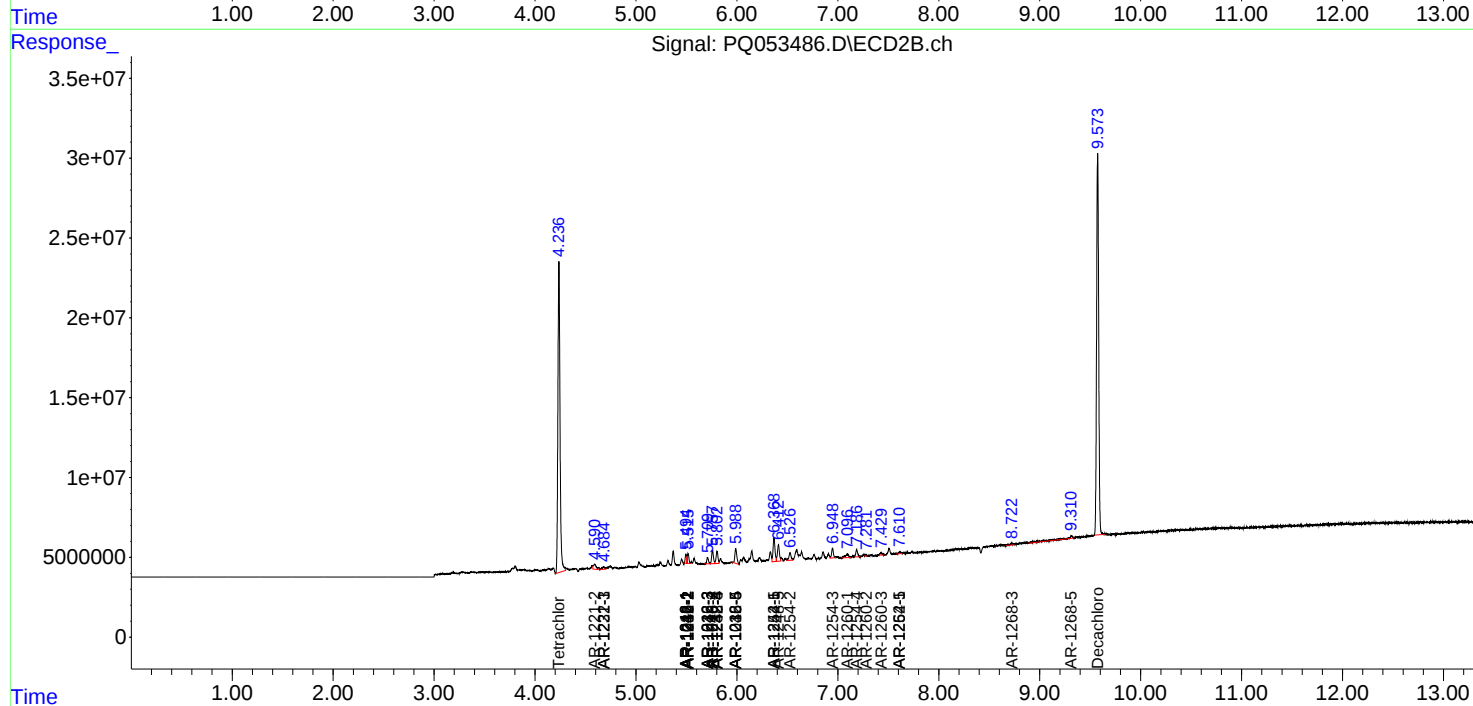
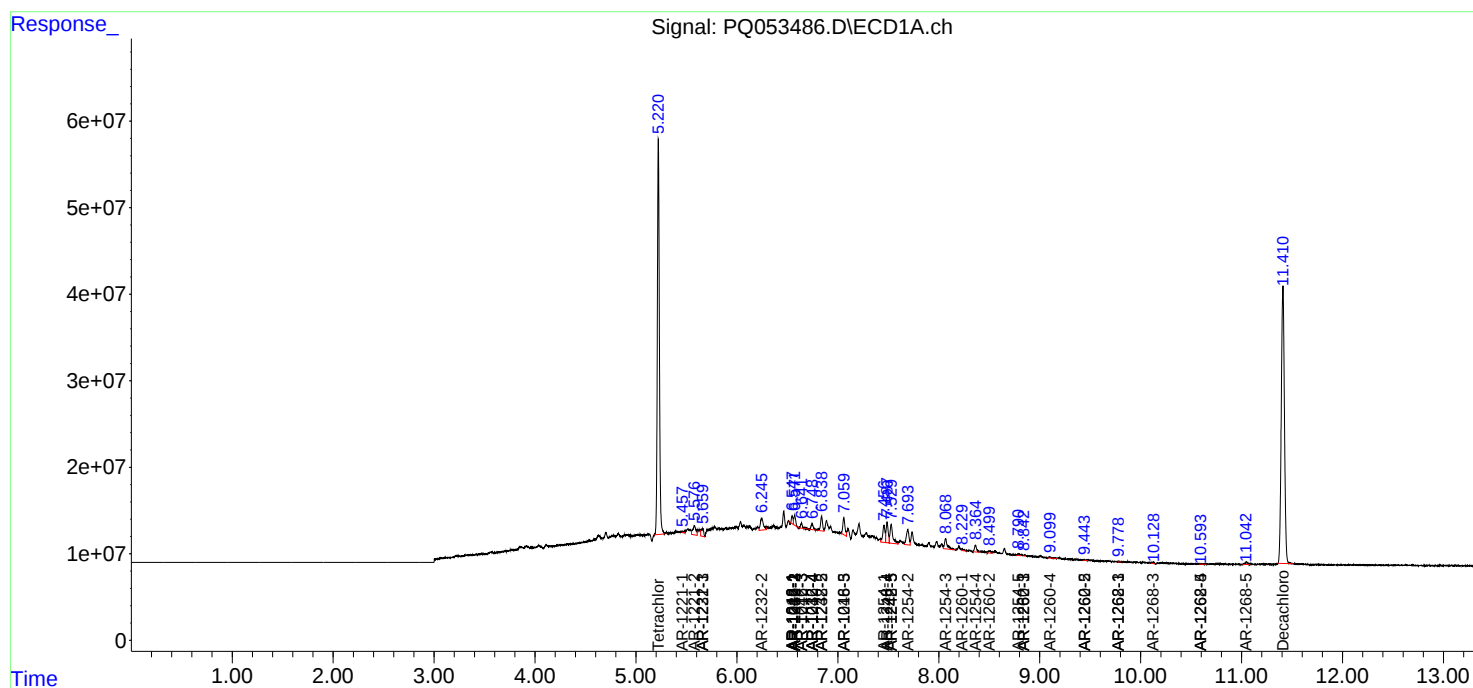
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

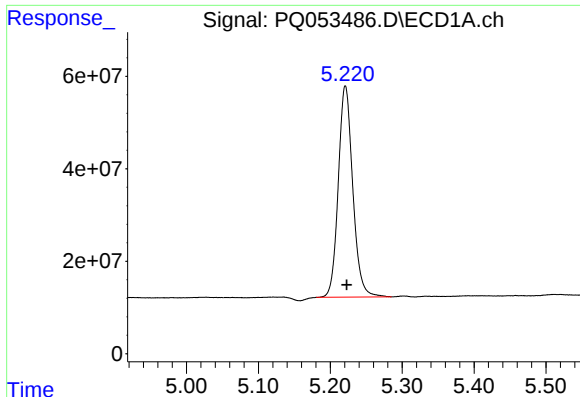
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
Data File : PQ053486.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

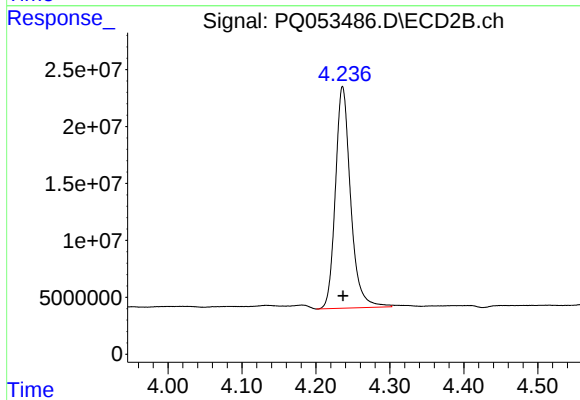




#1 Tetrachloro-m-xylene

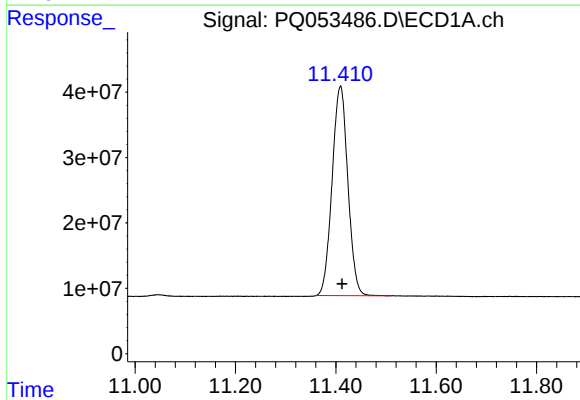
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 639568065
Conc: 22.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



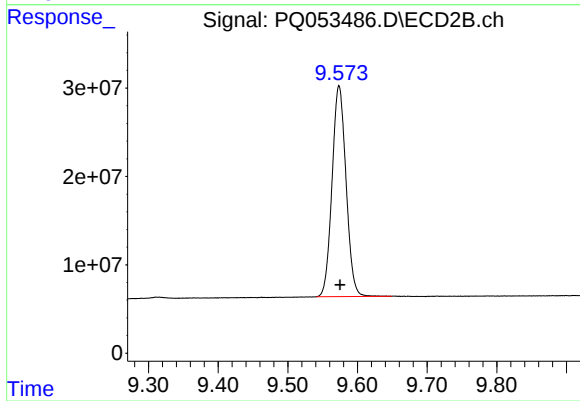
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 277841450
Conc: 21.56 ng/ml



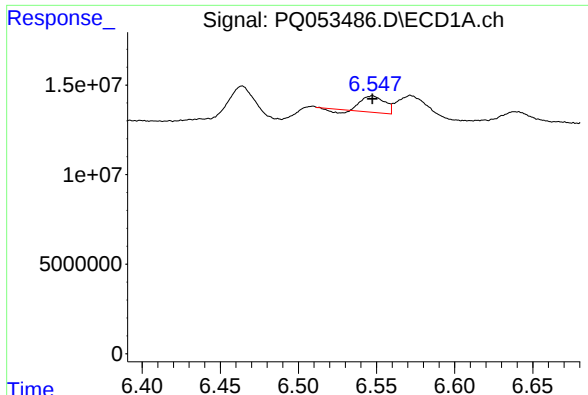
#2 Decachlorobiphenyl

R.T.: 11.409 min
Delta R.T.: -0.003 min
Response: 697736735
Conc: 23.36 ng/ml



#2 Decachlorobiphenyl

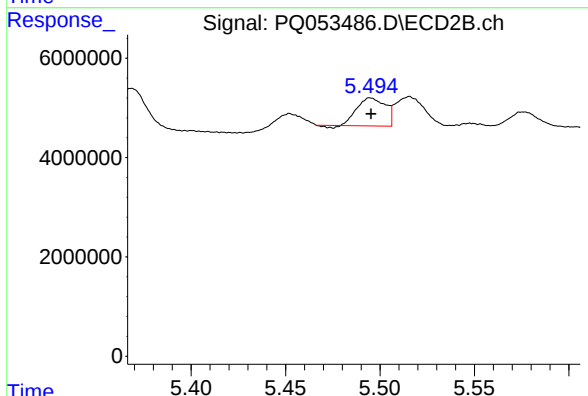
R.T.: 9.574 min
Delta R.T.: -0.001 min
Response: 332237167
Conc: 23.40 ng/ml



#3 AR-1016-1

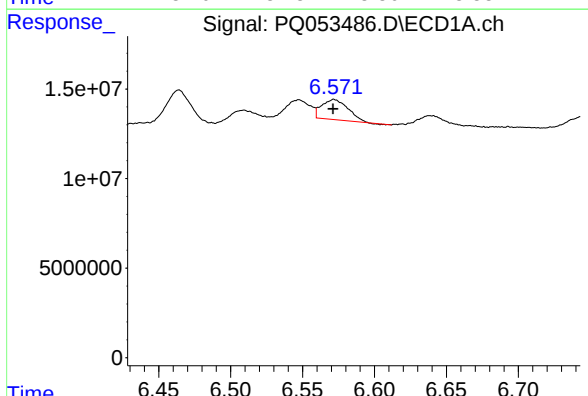
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 8607881
Conc: 8.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



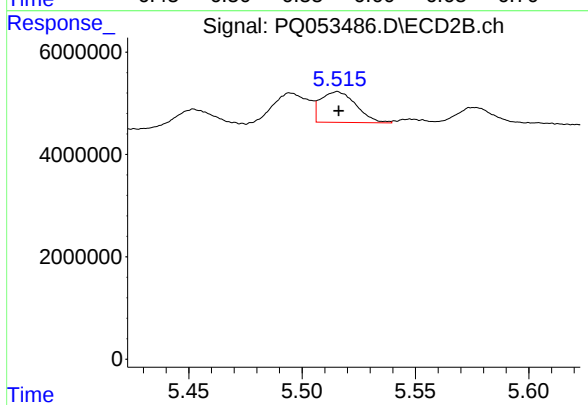
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 5817270
Conc: 12.78 ng/ml



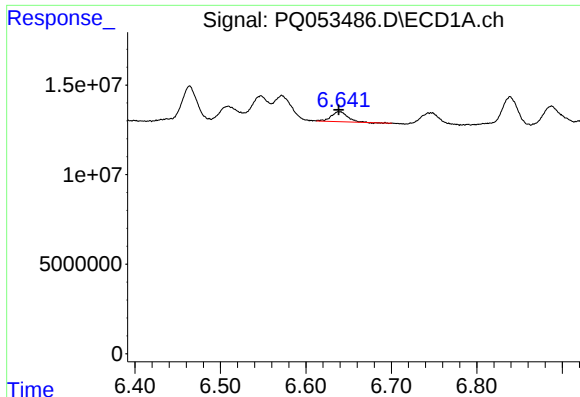
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 14222926
Conc: 9.24 ng/ml



#4 AR-1016-2

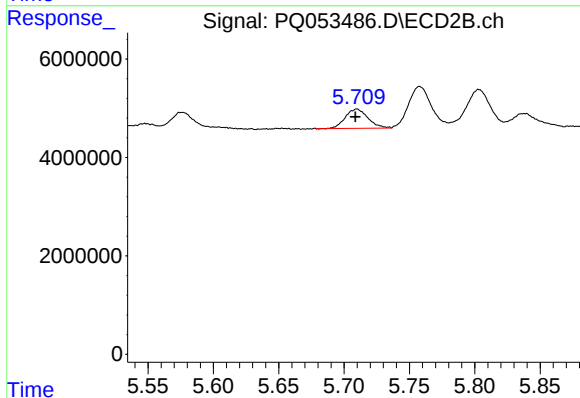
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 6547475
Conc: 9.66 ng/ml



#5 AR-1016-3

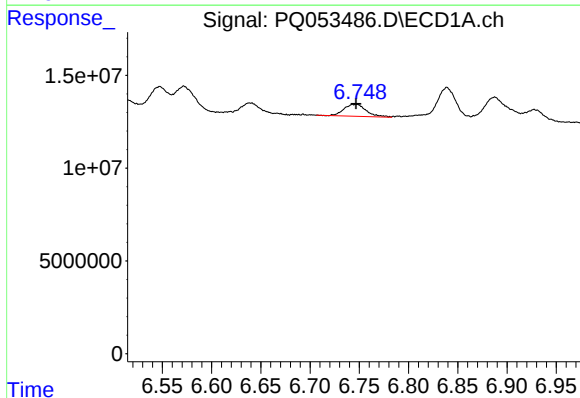
R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 7115990
Conc: 7.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



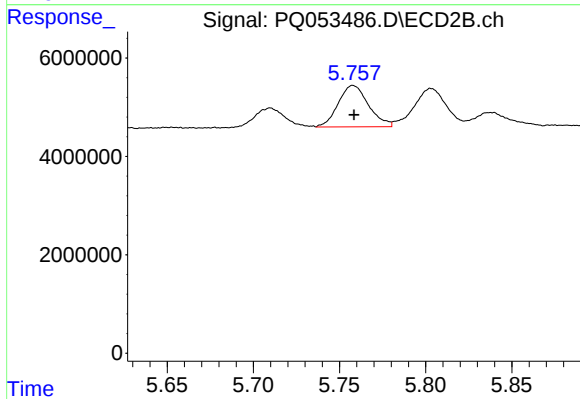
#5 AR-1016-3

R.T.: 5.710 min
Delta R.T.: 0.001 min
Response: 4742998
Conc: 13.70 ng/ml



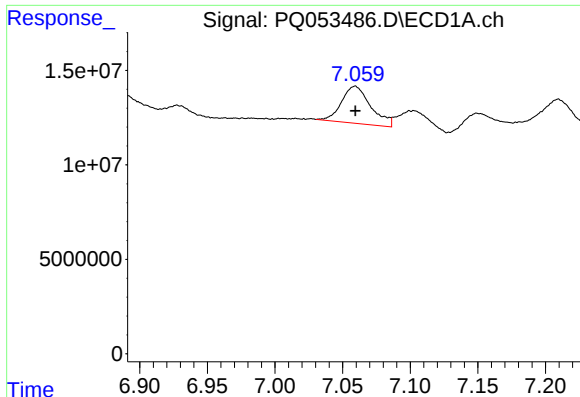
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 10165713
Conc: 13.79 ng/ml



#6 AR-1016-4

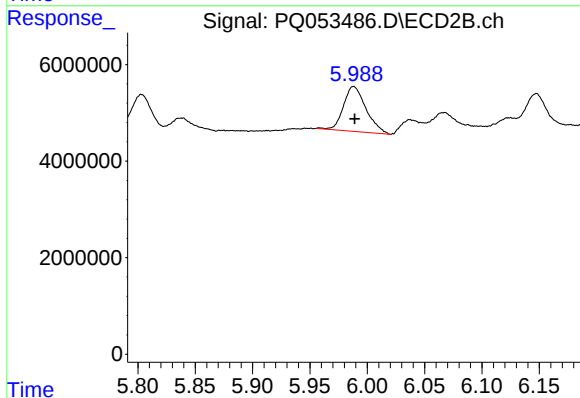
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 10308293
Conc: 36.44 ng/ml



#7 AR-1016-5

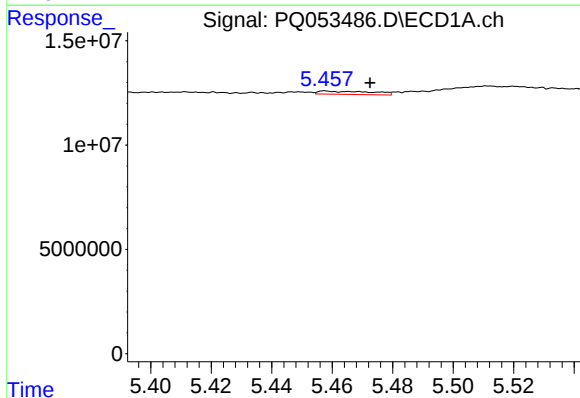
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 29517802
Conc: 40.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



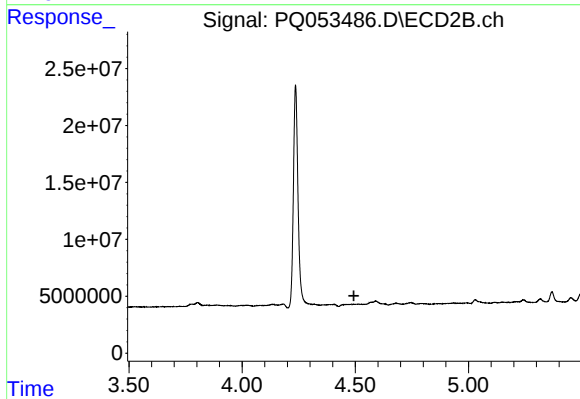
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 12731699
Conc: 35.27 ng/ml



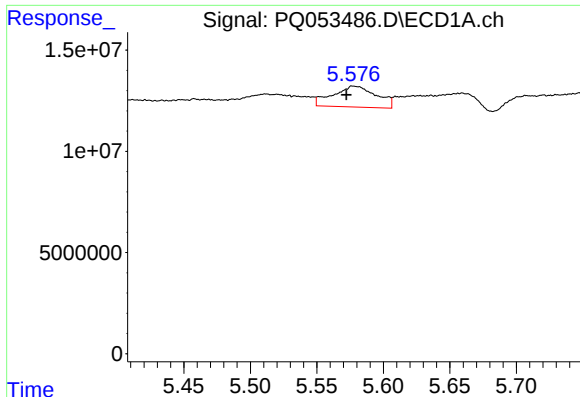
#8 AR-1221-1

R.T.: 5.458 min
Delta R.T.: -0.015 min
Response: 1914032
Conc: 6.56 ng/ml



#8 AR-1221-1

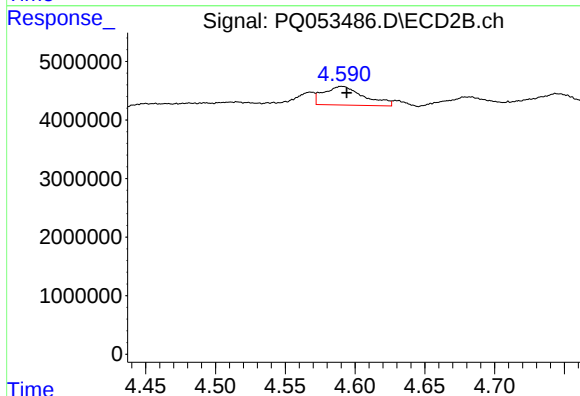
R.T.: 0.000 min
Exp R.T. : 4.494 min
Response: 0
Conc: N.D.



#9 AR-1221-2

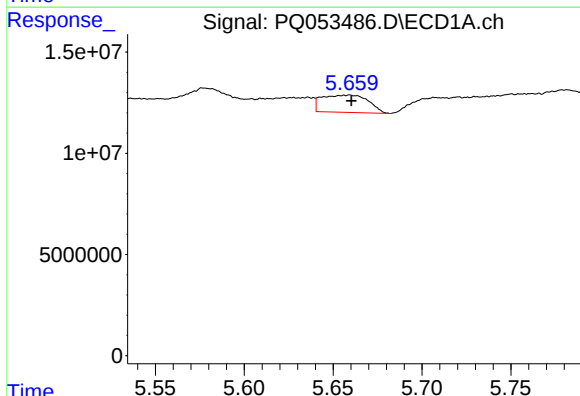
R.T.: 5.578 min
Delta R.T.: 0.005 min
Response: 23491172
Conc: 110.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



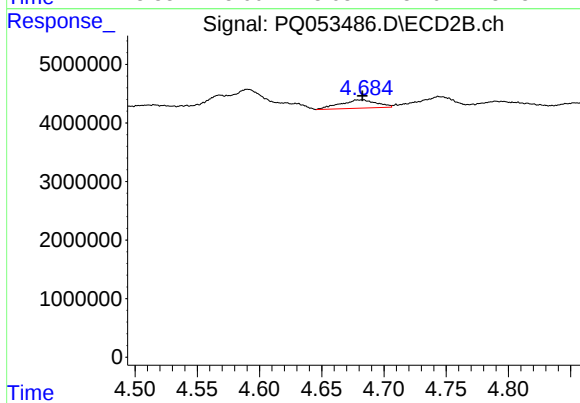
#9 AR-1221-2

R.T.: 4.590 min
Delta R.T.: -0.004 min
Response: 6357709
Conc: 63.39 ng/ml



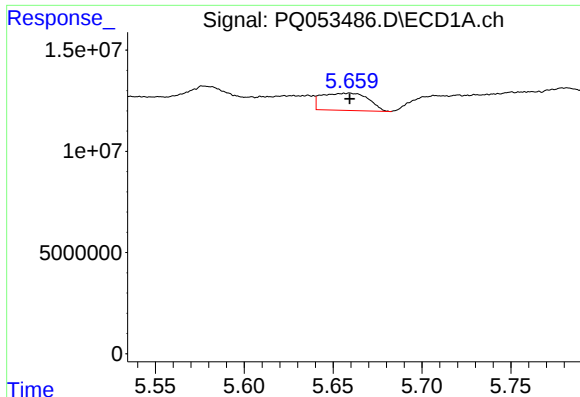
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: -0.001 min
Response: 15578516
Conc: 22.32 ng/ml



#10 AR-1221-3

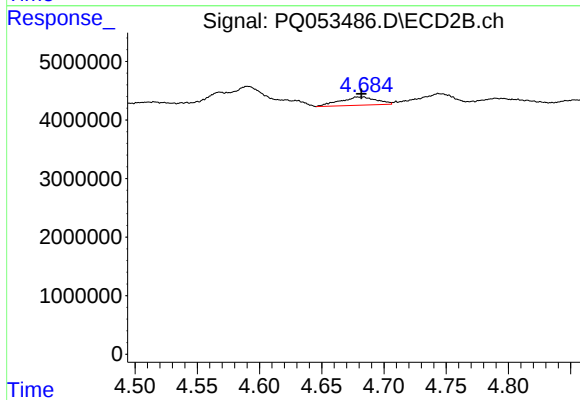
R.T.: 4.684 min
Delta R.T.: 0.001 min
Response: 2860896
Conc: 8.77 ng/ml



#11 AR-1232-1

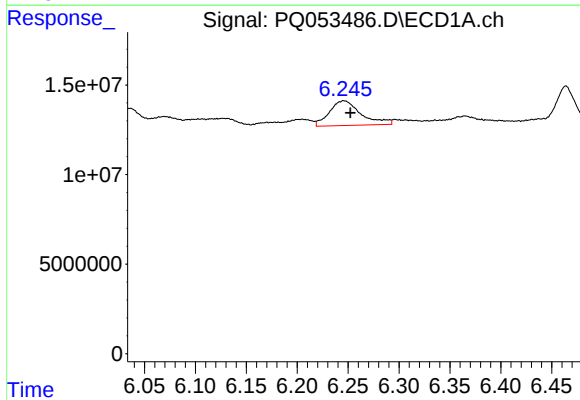
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 15578516
Conc: 30.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



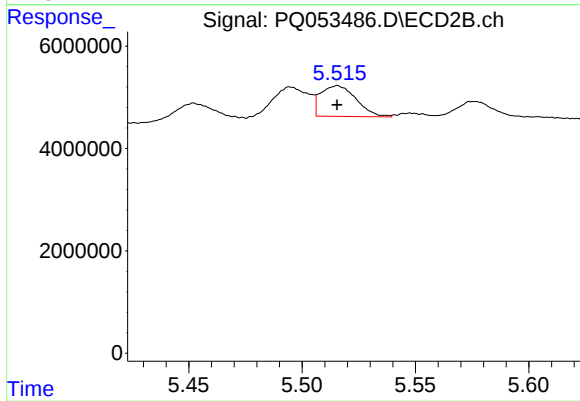
#11 AR-1232-1

R.T.: 4.684 min
Delta R.T.: 0.002 min
Response: 2860896
Conc: 12.06 ng/ml



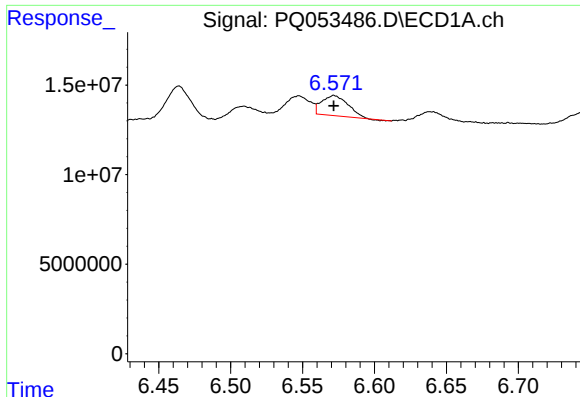
#12 AR-1232-2

R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 30002018
Conc: 107.74 ng/ml



#12 AR-1232-2

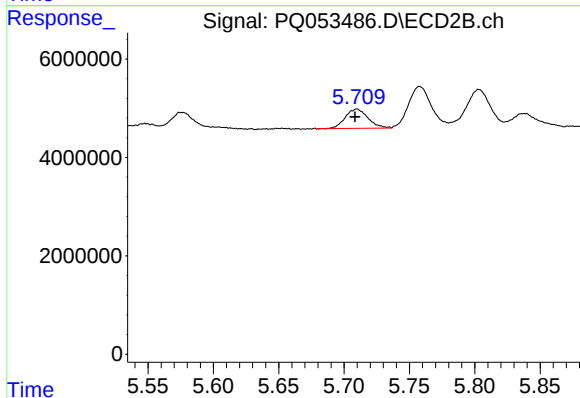
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 6547475
Conc: 25.88 ng/ml



#13 AR-1232-3

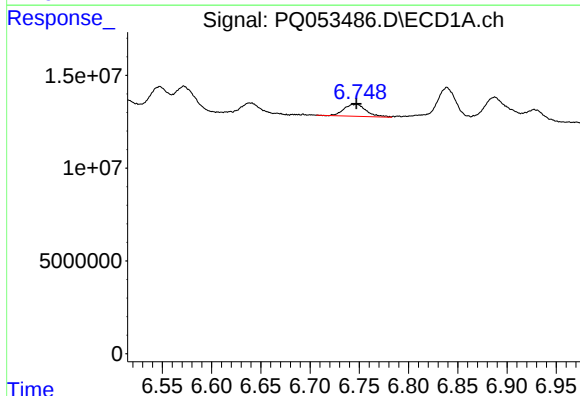
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 14222926
Conc: 24.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



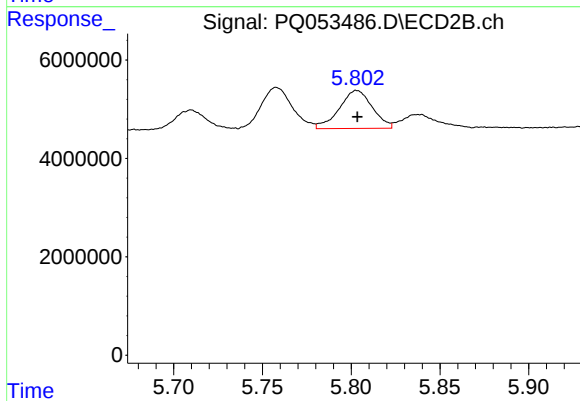
#13 AR-1232-3

R.T.: 5.710 min
Delta R.T.: 0.001 min
Response: 4742998
Conc: 37.30 ng/ml



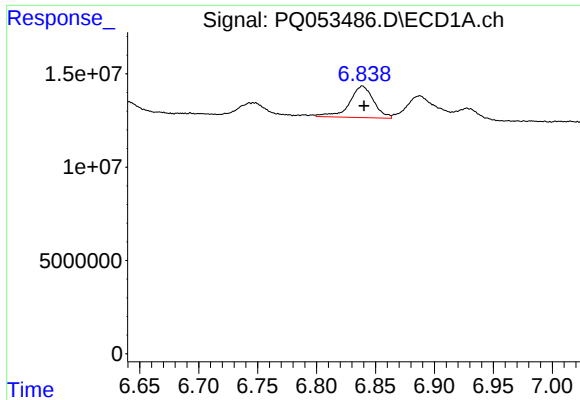
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 10165713
Conc: 37.24 ng/ml



#14 AR-1232-4

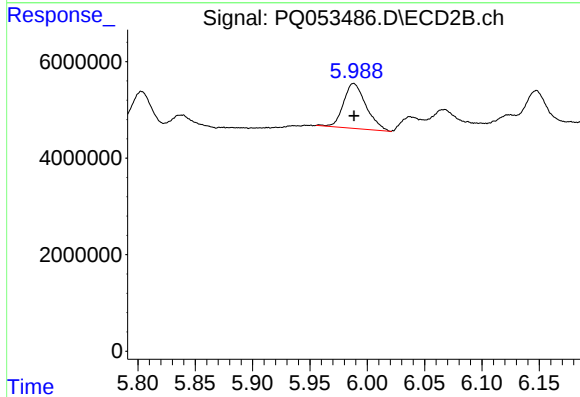
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 10024658
Conc: 89.37 ng/ml



#15 AR-1232-5

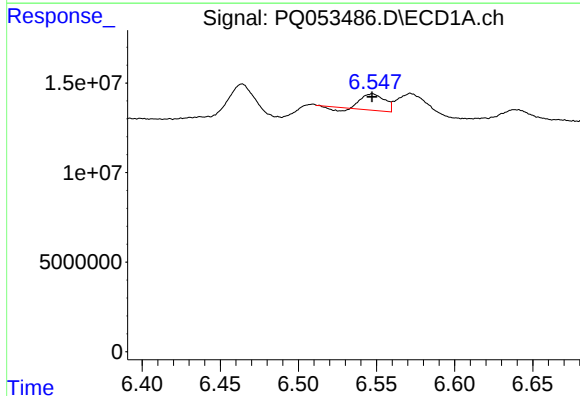
R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 24076881
Conc: 121.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



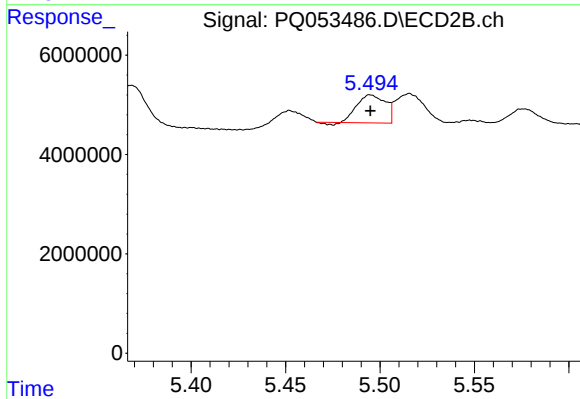
#15 AR-1232-5

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 12731699
Conc: 103.59 ng/ml



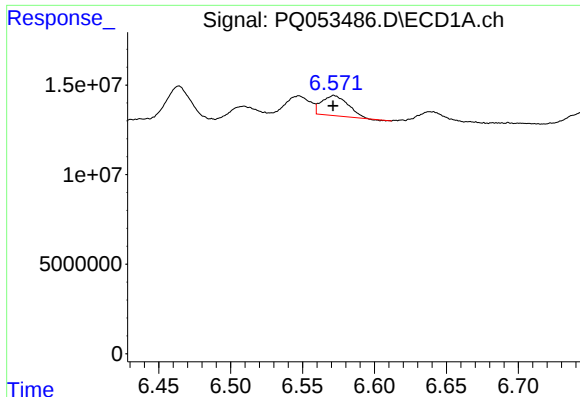
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 8607881
Conc: 12.32 ng/ml



#16 AR-1242-1

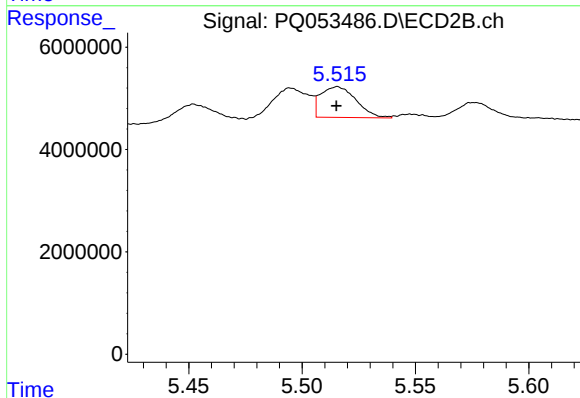
R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 5817270
Conc: 18.12 ng/ml



#17 AR-1242-2

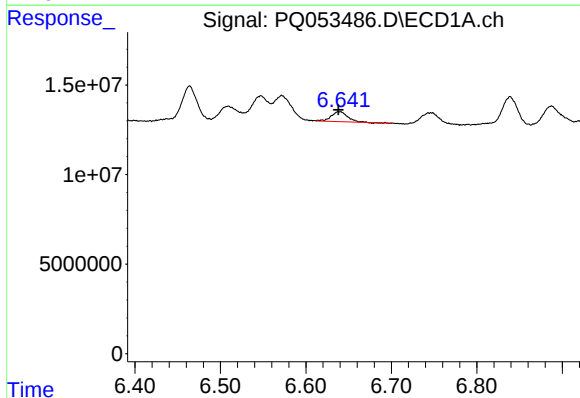
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 14222926
Conc: 13.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



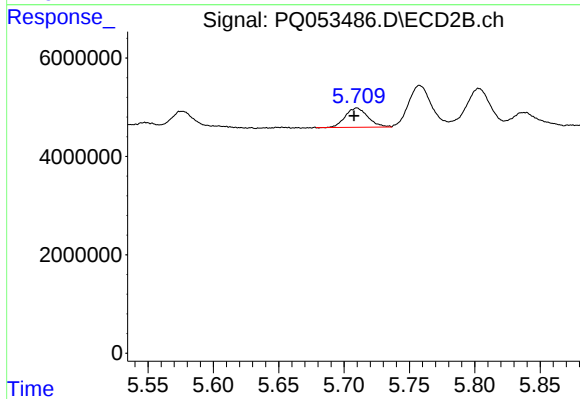
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 6547475
Conc: 13.86 ng/ml



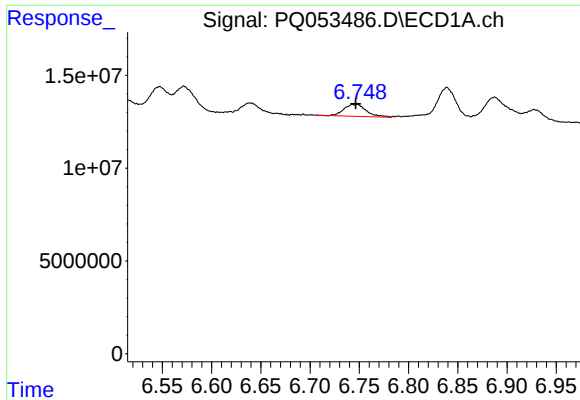
#18 AR-1242-3

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 7115990
Conc: 10.96 ng/ml



#18 AR-1242-3

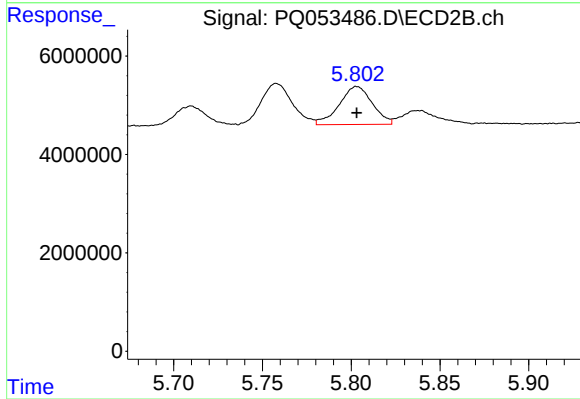
R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 4742998
Conc: 19.49 ng/ml



#19 AR-1242-4

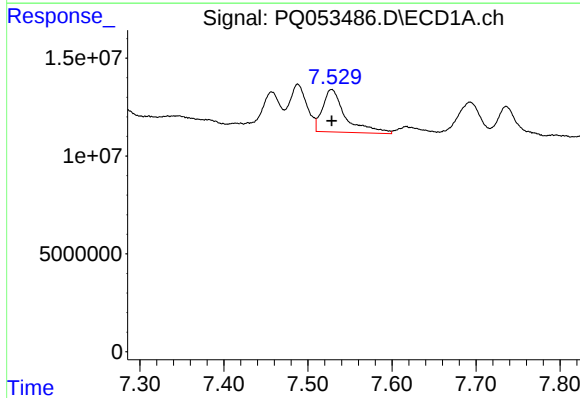
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 10165713
Conc: 19.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



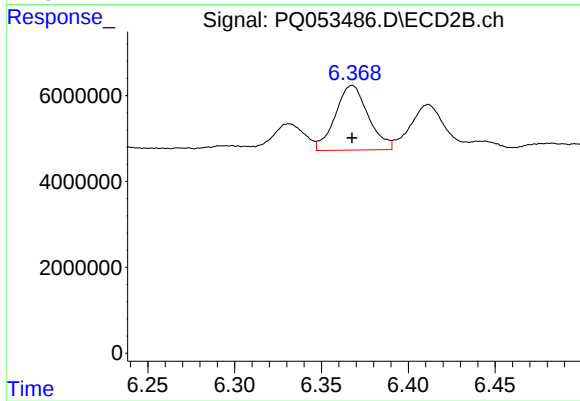
#19 AR-1242-4

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 10024658
Conc: 42.31 ng/ml



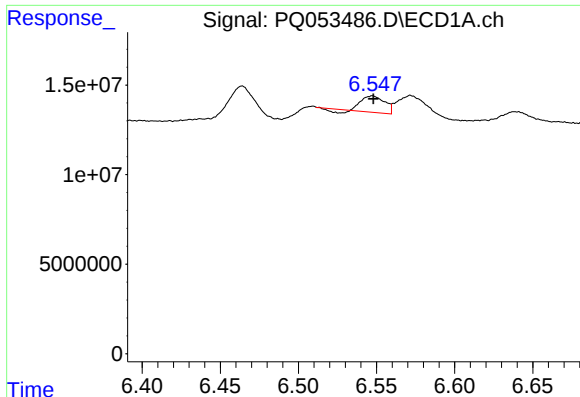
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 41369906
Conc: 70.87 ng/ml



#20 AR-1242-5

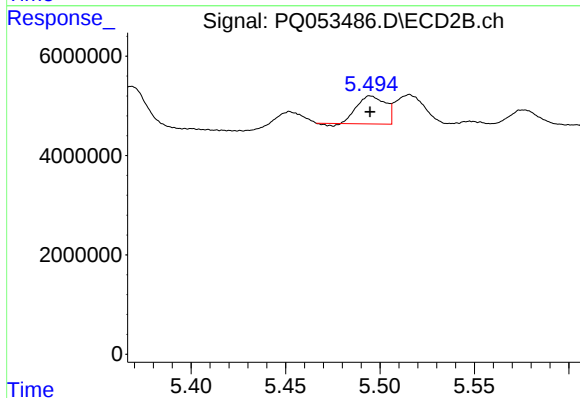
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 19952311
Conc: 62.55 ng/ml



#21 AR-1248-1

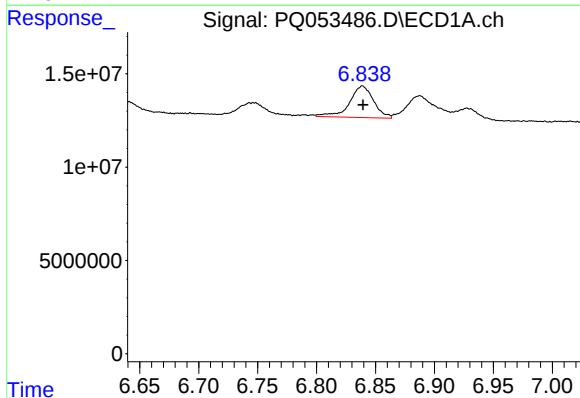
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 8607881
Conc: 16.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



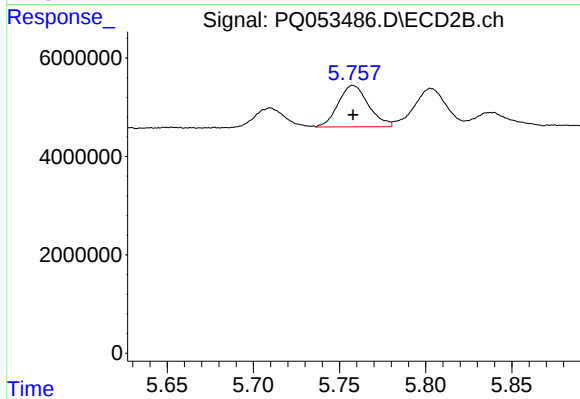
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 5817270
Conc: 24.06 ng/ml



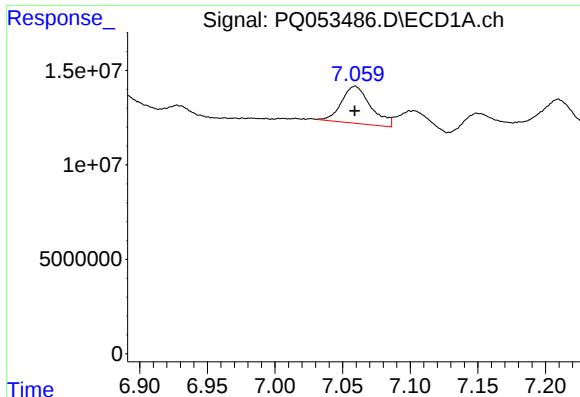
#22 AR-1248-2

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 24076881
Conc: 31.76 ng/ml



#22 AR-1248-2

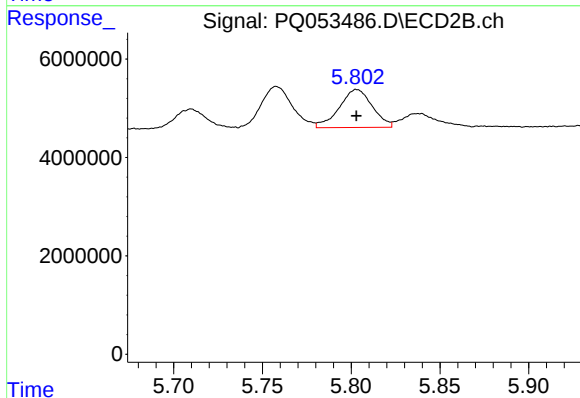
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 10308293
Conc: 29.89 ng/ml



#23 AR-1248-3

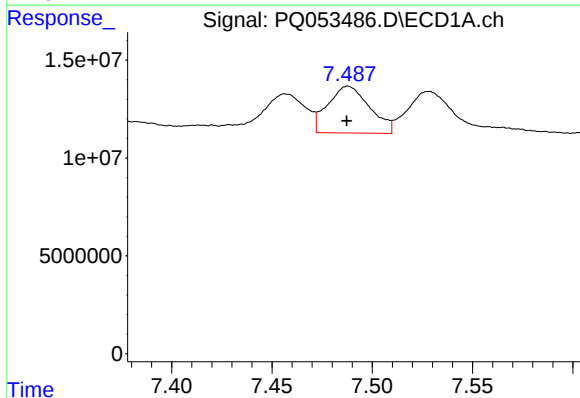
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 29517802
Conc: 34.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



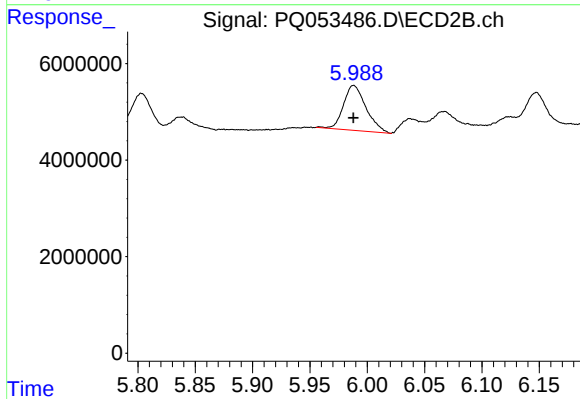
#23 AR-1248-3

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 10024658
Conc: 28.58 ng/ml



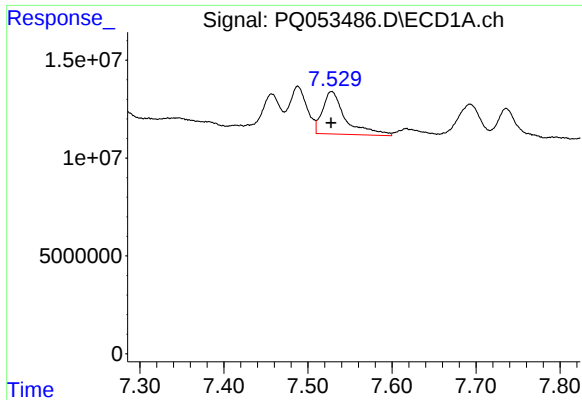
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 34776726
Conc: 35.75 ng/ml



#24 AR-1248-4

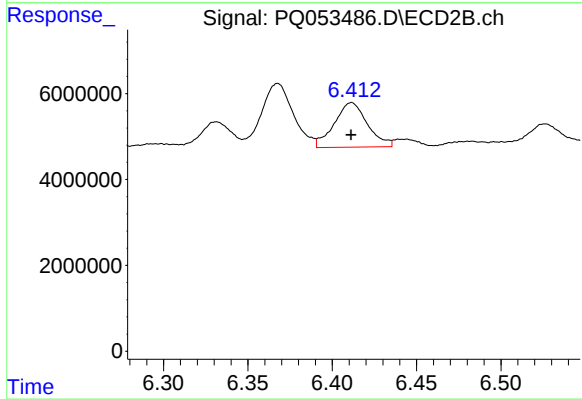
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 12731699
Conc: 29.79 ng/ml



#25 AR-1248-5

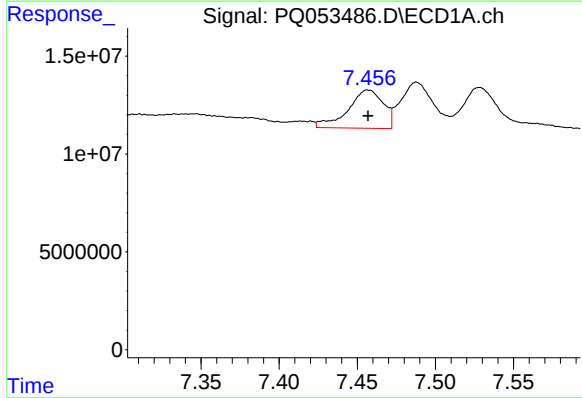
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 41369906
Conc: 42.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



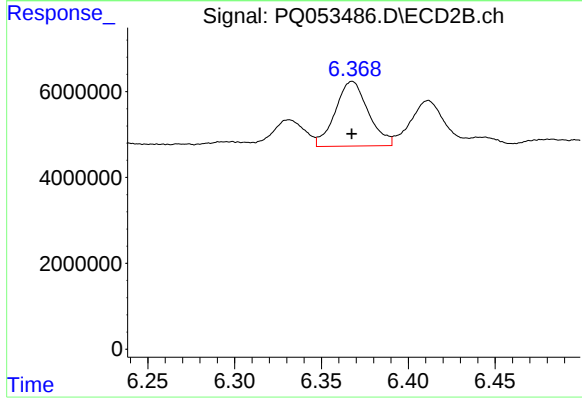
#25 AR-1248-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 14201931
Conc: 33.49 ng/ml



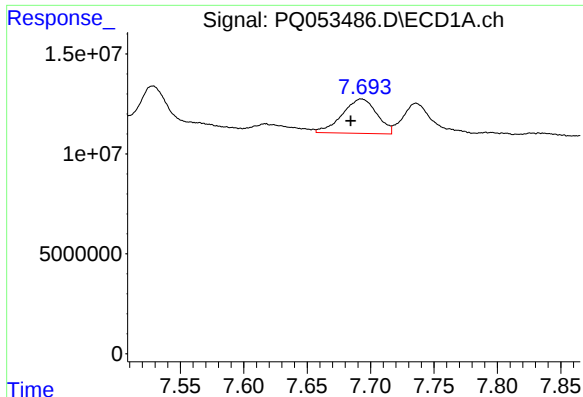
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 30707867
Conc: 31.54 ng/ml



#26 AR-1254-1

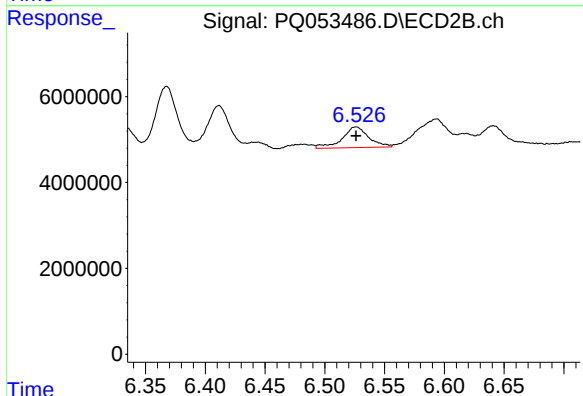
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 19952311
Conc: 29.48 ng/ml



#27 AR-1254-2

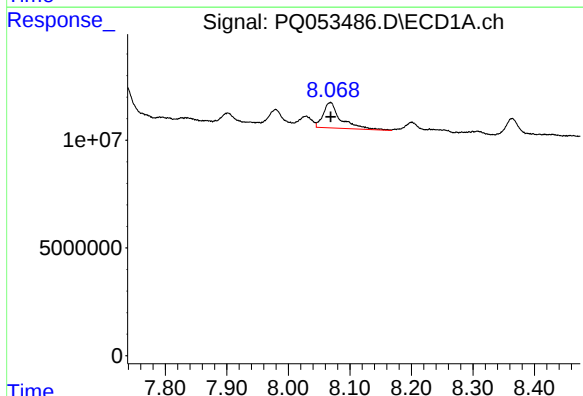
R.T.: 7.693 min
Delta R.T.: 0.009 min
Response: 32649023
Conc: 21.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



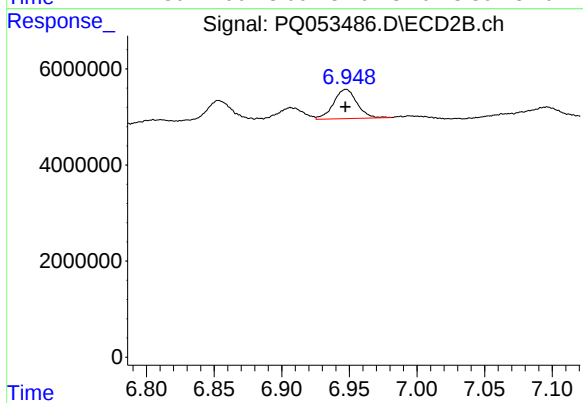
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 7511822
Conc: 12.07 ng/ml



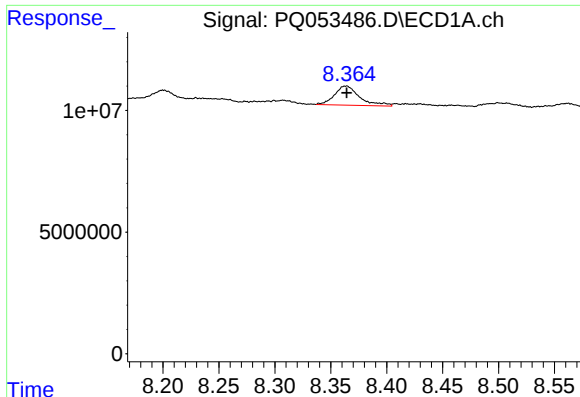
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 23606727
Conc: 15.11 ng/ml



#28 AR-1254-3

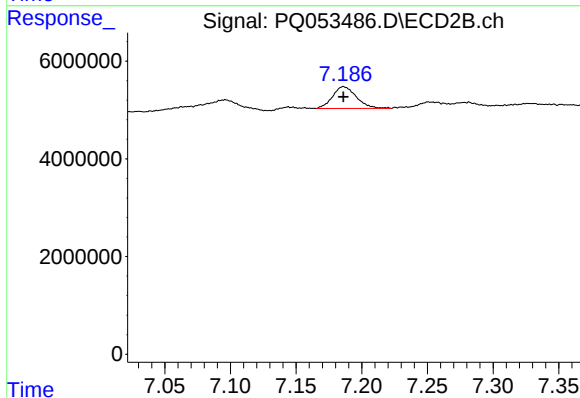
R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 7351646
Conc: 7.40 ng/ml



#29 AR-1254-4

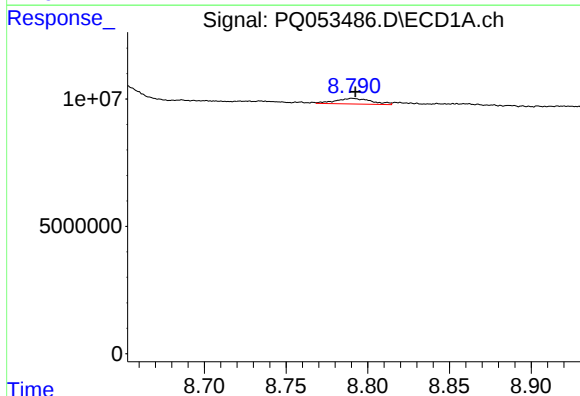
R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 12258189
Conc: 10.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



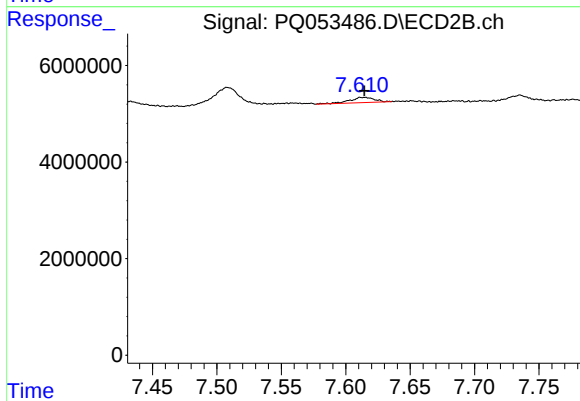
#29 AR-1254-4

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 5646981
Conc: 9.09 ng/ml



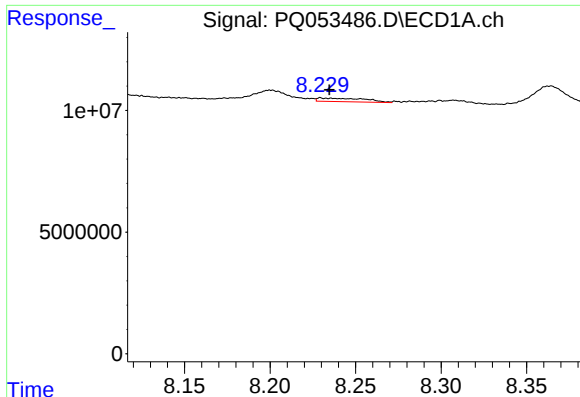
#30 AR-1254-5

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 3363847
Conc: 2.61 ng/ml



#30 AR-1254-5

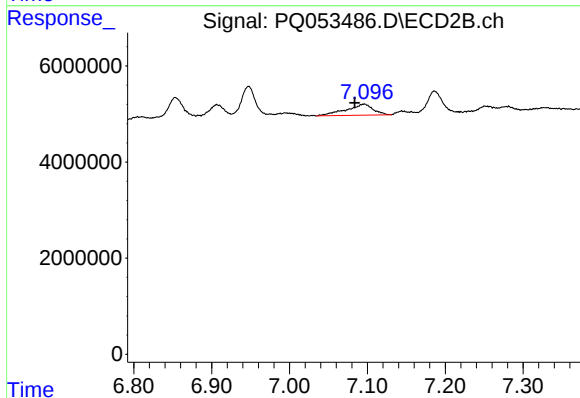
R.T.: 7.611 min
Delta R.T.: -0.003 min
Response: 1445918
Conc: 1.50 ng/ml



#31 AR-1260-1

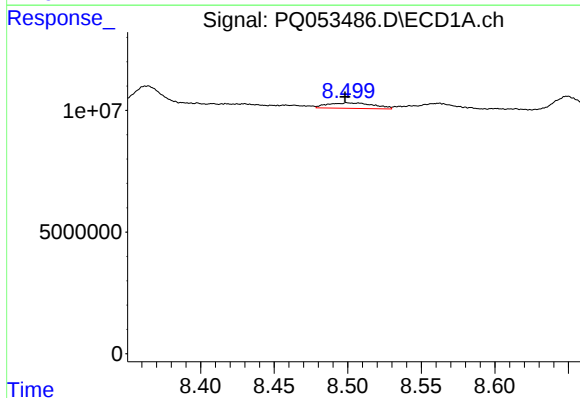
R.T.: 8.230 min
Delta R.T.: -0.005 min
Response: 2771740
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



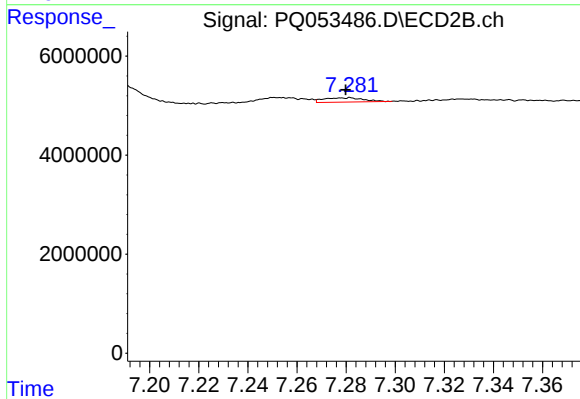
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: 0.012 min
Response: 5467880
Conc: 6.78 ng/ml



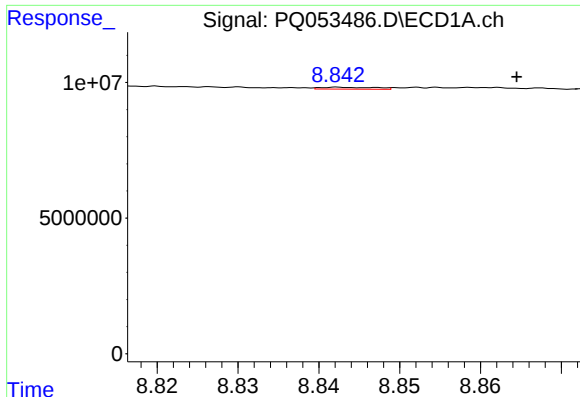
#32 AR-1260-2

R.T.: 8.500 min
Delta R.T.: 0.002 min
Response: 4904268
Conc: 2.85 ng/ml



#32 AR-1260-2

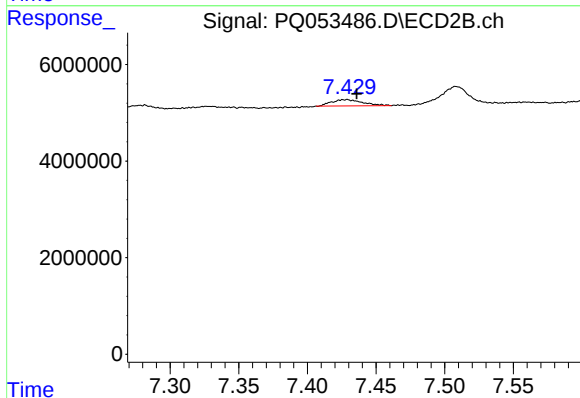
R.T.: 7.282 min
Delta R.T.: 0.002 min
Response: 972610
Conc: 0.86 ng/ml



#33 AR-1260-3

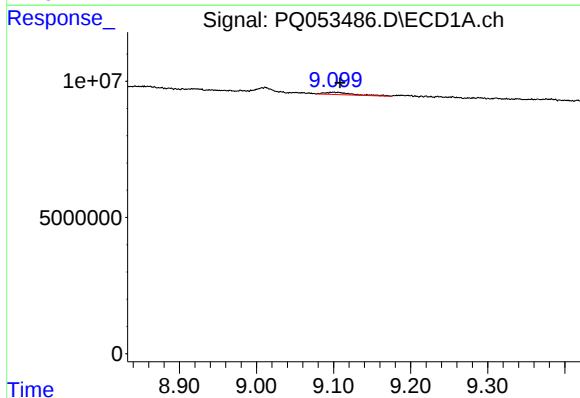
R.T.: 8.843 min
Delta R.T.: -0.022 min
Response: 326142
Conc: 0.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



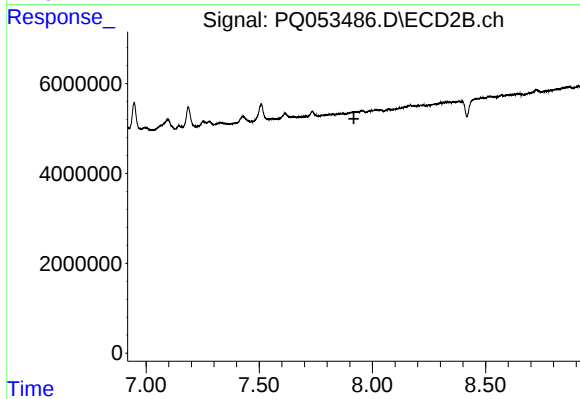
#33 AR-1260-3

R.T.: 7.429 min
Delta R.T.: -0.007 min
Response: 2074853
Conc: 2.17 ng/ml



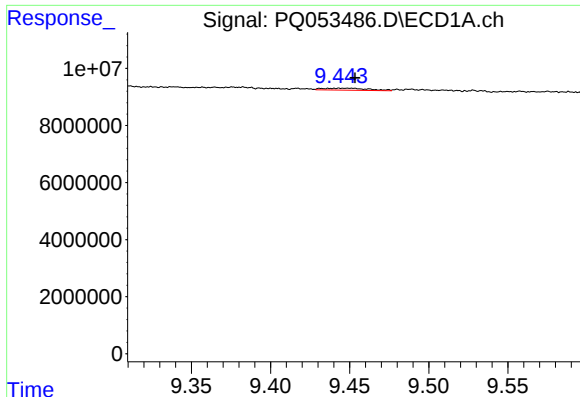
#34 AR-1260-4

R.T.: 9.100 min
Delta R.T.: -0.009 min
Response: 2220038
Conc: 1.74 ng/ml



#34 AR-1260-4

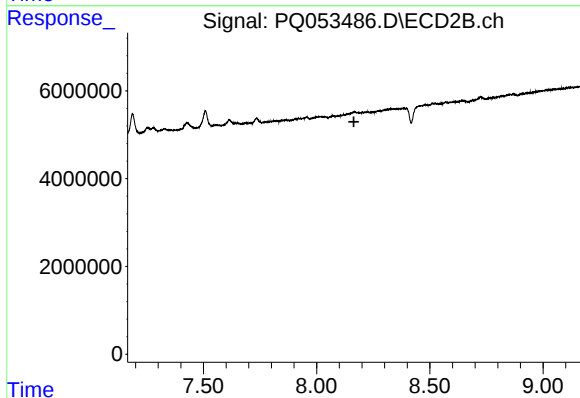
R.T.: 0.000 min
Exp R.T.: 7.918 min
Response: 0
Conc: N.D.



#35 AR-1260-5

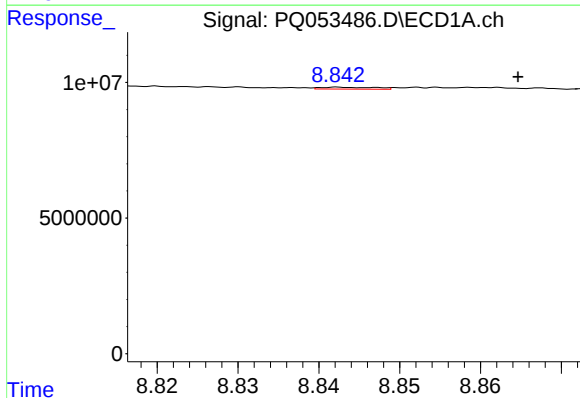
R.T.: 9.444 min
Delta R.T.: -0.010 min
Response: 1427188
Conc: 0.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



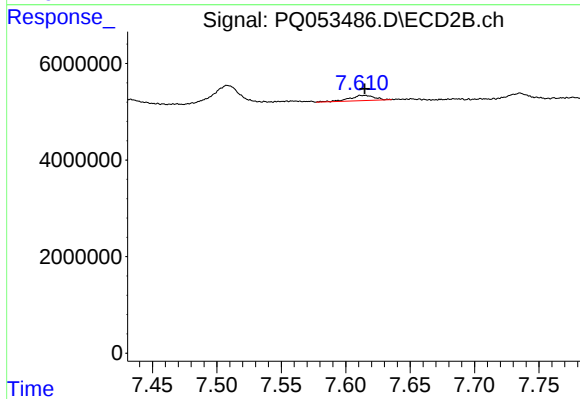
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.165 min
Response: 0
Conc: N.D.



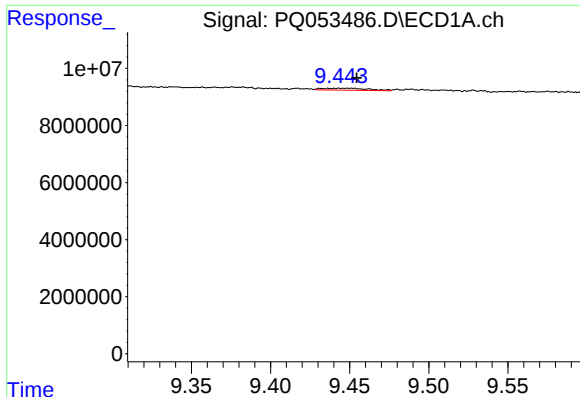
#36 AR-1262-1

R.T.: 8.843 min
Delta R.T.: -0.022 min
Response: 326142
Conc: 0.19 ng/ml



#36 AR-1262-1

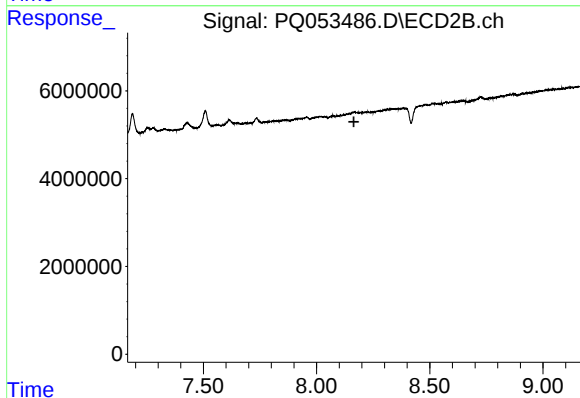
R.T.: 7.611 min
Delta R.T.: -0.003 min
Response: 1445918
Conc: 3.02 ng/ml



#37 AR-1262-2

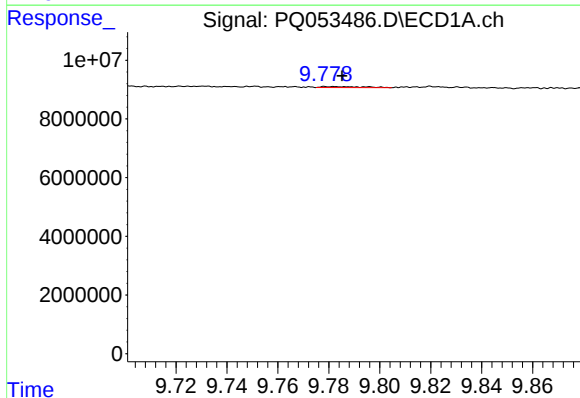
R.T.: 9.444 min
Delta R.T.: -0.011 min
Response: 1427188
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



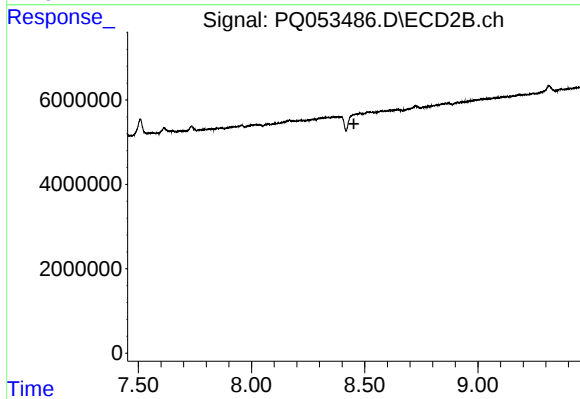
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.165 min
Response: 0
Conc: N.D.



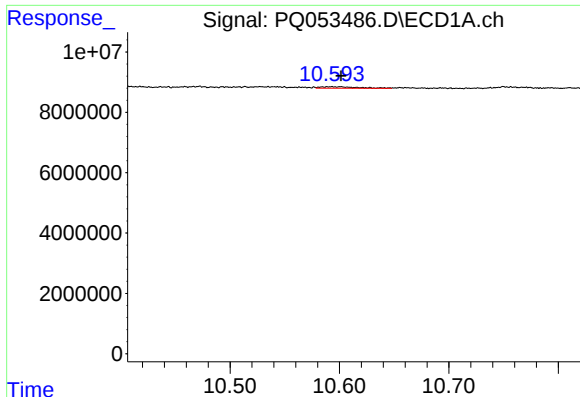
#38 AR-1262-3

R.T.: 9.782 min
Delta R.T.: -0.004 min
Response: 391810
Conc: 0.19 ng/ml



#38 AR-1262-3

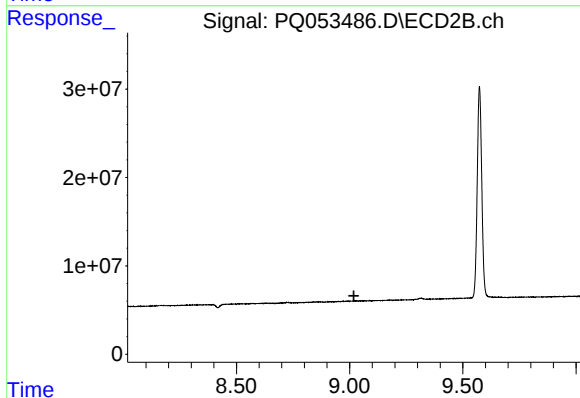
R.T.: 0.000 min
Exp R.T. : 8.452 min
Response: 0
Conc: N.D.



#40 AR-1262-5

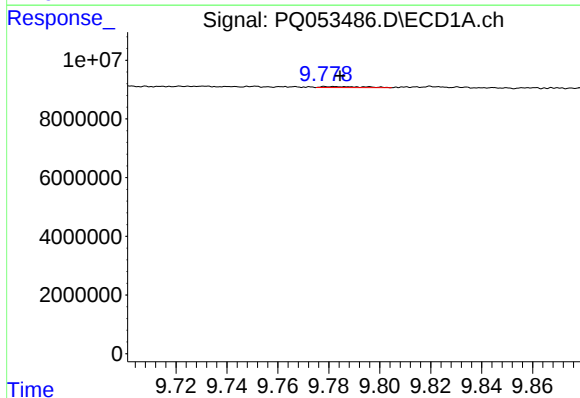
R.T.: 10.594 min
Delta R.T.: -0.008 min
Response: 1227297
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



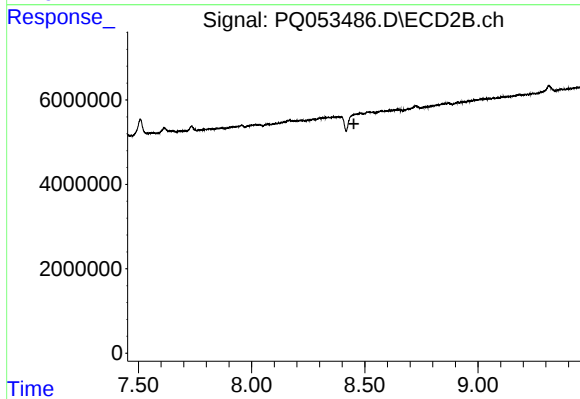
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.019 min
Response: 0
Conc: N.D.



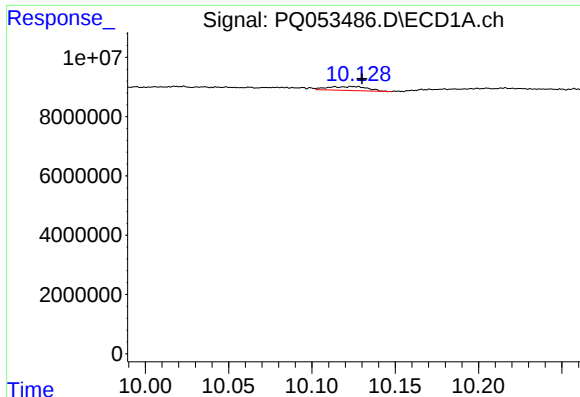
#41 AR-1268-1

R.T.: 9.782 min
Delta R.T.: -0.003 min
Response: 391810
Conc: 0.11 ng/ml



#41 AR-1268-1

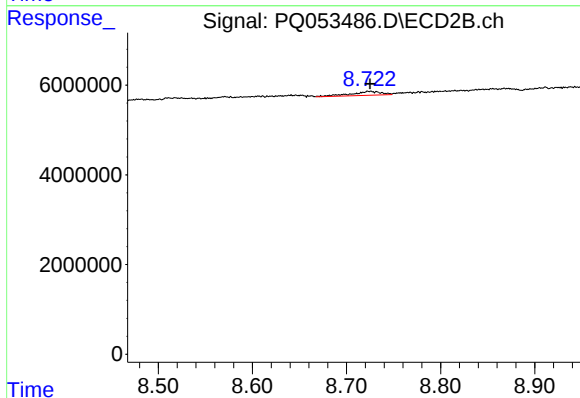
R.T.: 0.000 min
Exp R.T. : 8.452 min
Response: 0
Conc: N.D.



#43 AR-1268-3

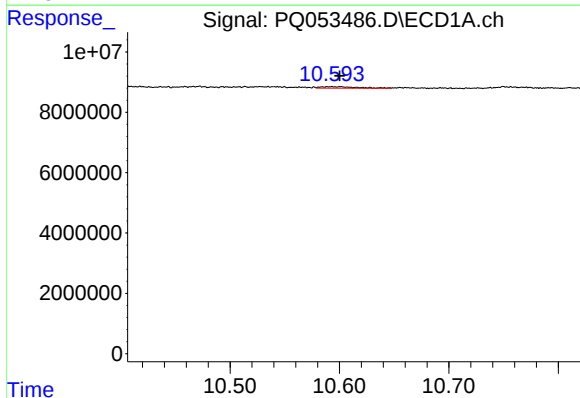
R.T.: 10.114 min
Delta R.T.: -0.016 min
Response: 2174529
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



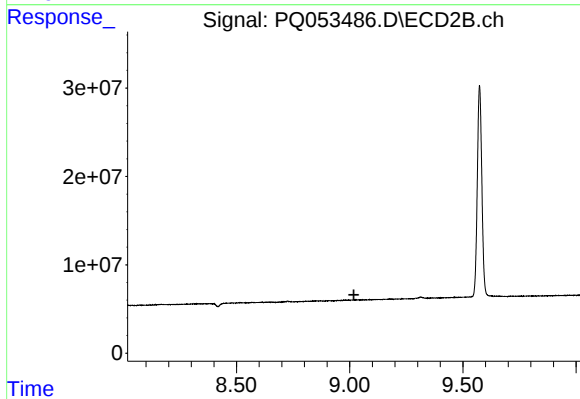
#43 AR-1268-3

R.T.: 8.732 min
Delta R.T.: 0.007 min
Response: 1944254
Conc: 1.14 ng/ml



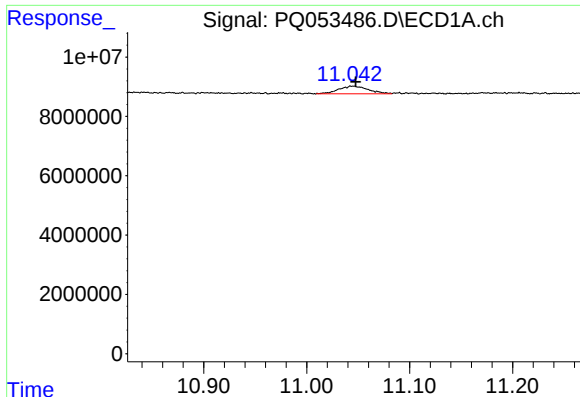
#44 AR-1268-4

R.T.: 10.594 min
Delta R.T.: -0.007 min
Response: 1227297
Conc: 1.06 ng/ml



#44 AR-1268-4

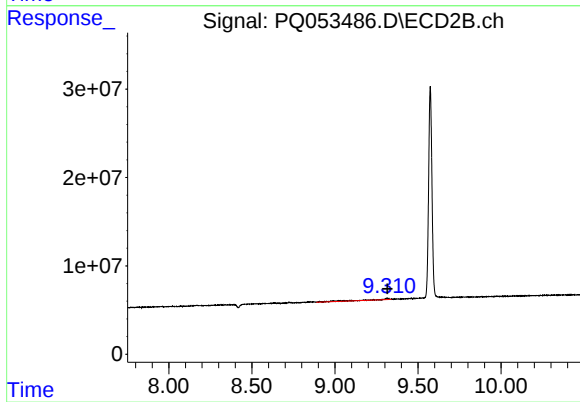
R.T.: 0.000 min
Exp R.T.: 9.018 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.003 min
Response: 5204809
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.316 min
Delta R.T.: 0.000 min
Response: 9097668
Conc: 1.88 ng/ml