

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
 Data File : PQ052512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 06:09
 Operator : DD\AJ
 Sample : M1458-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 06:38:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 10 02:40:50 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...	5.226	4.243	487.3E6	169.1E6	19.184	18.589
2)	SA Decachlor...	11.413	9.585	514.6E6	206.5E6	20.641	21.292
Target Compounds							
3)	L1 AR-1016-1	6.550	5.502	39451814	12463170	46.601	38.571
4)	L1 AR-1016-2	6.574	5.523	57936161	17772746	45.733	37.617
5)	L1 AR-1016-3	6.642	5.715	34113889	9934946	45.645	41.113
6)	L1 AR-1016-4	6.749	5.766	29864155	7849888	47.598	42.676
7)	L1 AR-1016-5	7.062	5.996	29040769	10353168	49.770	42.625
8)	L2 AR-1221-1	5.485	4.498	30586075	1163677	122.555	12.891 #
9)	L2 AR-1221-2	5.579	4.598	14055593	3954175	77.596	59.534
10)	L2 AR-1221-3	5.664	4.689	33958214	5794413	58.947	26.153 #
11)	L3 AR-1232-1	5.664	4.689	33958214	5794413	70.661	32.309 #
12)	L3 AR-1232-2	6.255	5.523	26939880	17772746	108.918	91.917
13)	L3 AR-1232-3	6.574	5.715	57936161	9934946	109.838	102.720
14)	L3 AR-1232-4	6.749	5.812	29864155	9576125	115.926	118.713
15)	L3 AR-1232-5	6.843	5.996	26324865	10353168	146.169	114.648
16)	L4 AR-1242-1	6.550	5.502	39451814	12463170	60.933	50.644
17)	L4 AR-1242-2	6.574	5.523	57936161	17772746	60.435	50.593
18)	L4 AR-1242-3	6.642	5.715	34113889	9934946	59.501	53.934
19)	L4 AR-1242-4	6.749	5.812	29864155	9576125	62.880	56.828
20)	L4 AR-1242-5	7.532	6.375	3839124	8223767	7.292	34.583 #
21)	L5 AR-1248-1	6.550	5.502	39451814	12463170	81.523	67.205
22)	L5 AR-1248-2	6.843	5.766	26324865	7849888	39.387	31.701
23)	L5 AR-1248-3	7.062	5.812	29040769	9576125	37.513	37.286
24)	L5 AR-1248-4	7.491	5.996	4400778	10353168	4.781	33.218 #
25)	L5 AR-1248-5	7.532	6.419	3839124	1394429	4.201	4.142
26)	L6 AR-1254-1	7.461	6.375	18678628	8223767	20.763	15.964
27)	L6 AR-1254-2	7.686	6.534	19896377	7491863	14.082	16.742
28)	L6 AR-1254-3	8.072	6.974f	12754948	14586274	8.218	19.725 #
29)	L6 AR-1254-4	8.366	7.193	10690002	2418658	9.329	4.843 #
30)	L6 AR-1254-5	8.793	7.622	85744068	28639791	70.509	41.949 #
31)	L7 AR-1260-1	8.237	7.092	46989324	20763825	45.065	44.538
32)	L7 AR-1260-2	8.500	7.287	66434148	27546650	52.412	42.987
33)	L7 AR-1260-3	8.866	7.445	64083331	24548884	67.477	44.502 #
34)	L7 AR-1260-4	9.109	7.928	56671114	12427321	49.961	26.224 #
35)	L7 AR-1260-5	9.454	8.172	115.1E6	60794303	48.090	46.181
36)	L8 AR-1262-1	8.866	7.622	64083331	28639791	45.538	79.730 #
37)	L8 AR-1262-2	9.454	8.172	115.1E6	60794303	41.994	41.109
38)	L8 AR-1262-3	9.788	8.460	23298315	16452138	19.645	28.491 #
39)	L8 AR-1262-4	9.870f	8.523	42203819	41514430	59.994	40.376 #
40)	L8 AR-1262-5	10.602	9.026	33353182	14804827	33.277	31.379
41)	L9 AR-1268-1	9.788	8.460	23298315	16452138	7.436	9.621 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
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 Operator : DD\AJ
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 Misc : AR1660 LOD 40 PPB
 ALS Vial : 42 Sample Multiplier: 1

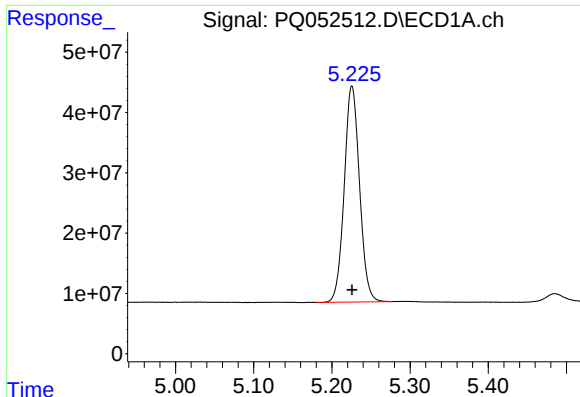
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 06:38:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031021.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.870f	8.523	42203819	41514430	14.374	27.580 #
43) L9	AR-1268-3	10.132	8.732	1864150	1643493	0.735	1.275 #
44) L9	AR-1268-4	10.602	9.026	33353182	14804827	30.729	28.926
45) L9	AR-1268-5	11.050	9.325	12598680	6086210	1.400	1.569

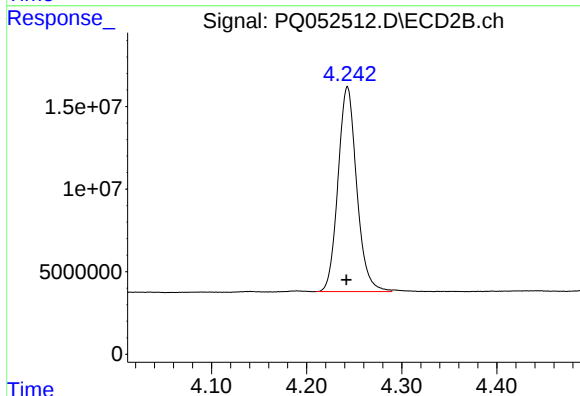
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

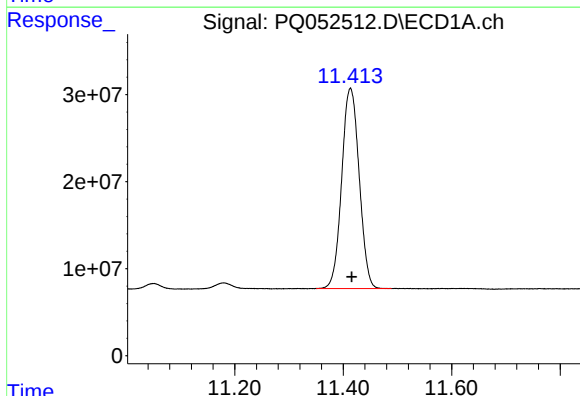
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 487269726
Conc: 19.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



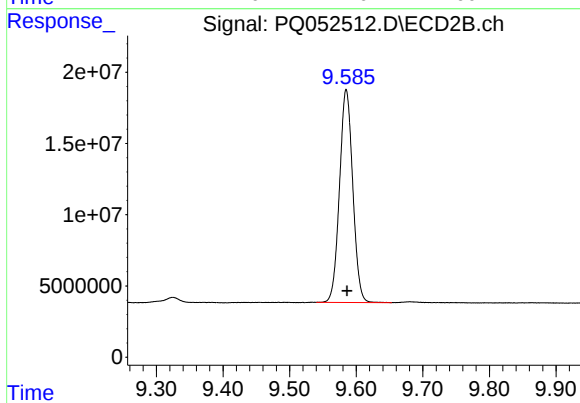
#1 Tetrachloro-m-xylene

R.T.: 4.243 min
Delta R.T.: 0.001 min
Response: 169093496
Conc: 18.59 ng/ml



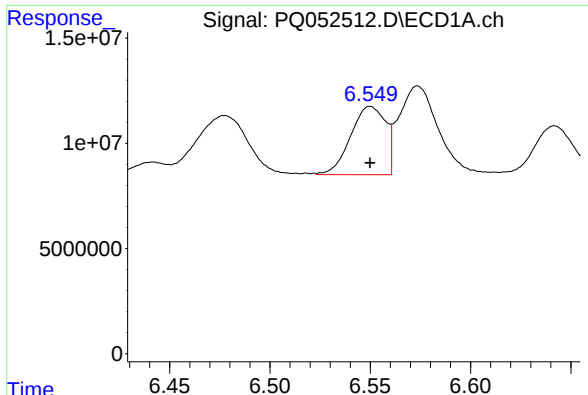
#2 Decachlorobiphenyl

R.T.: 11.413 min
Delta R.T.: -0.002 min
Response: 514585306
Conc: 20.64 ng/ml



#2 Decachlorobiphenyl

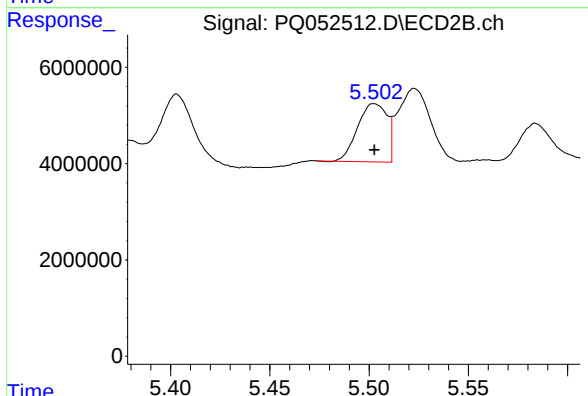
R.T.: 9.585 min
Delta R.T.: -0.001 min
Response: 206522316
Conc: 21.29 ng/ml



#3 AR-1016-1

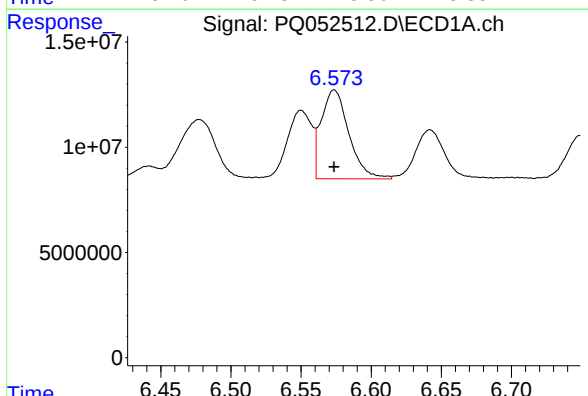
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 39451814
Conc: 46.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



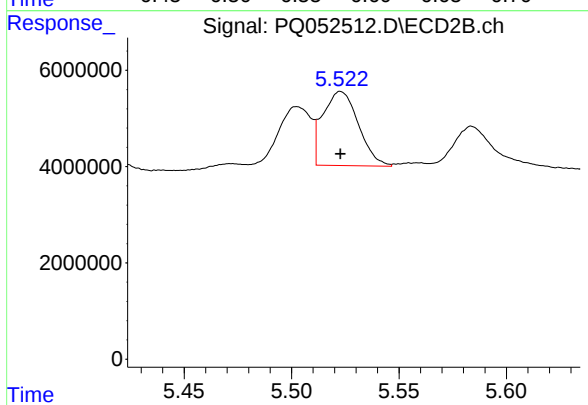
#3 AR-1016-1

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 12463170
Conc: 38.57 ng/ml



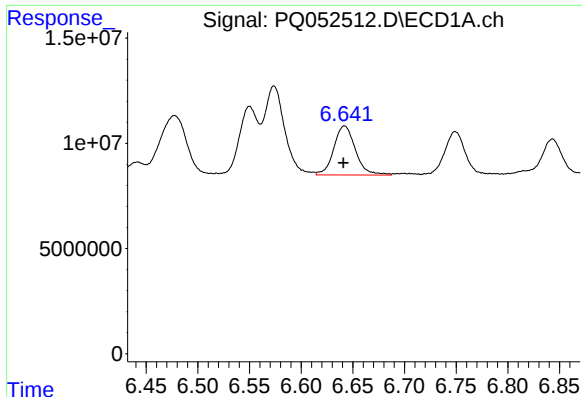
#4 AR-1016-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 57936161
Conc: 45.73 ng/ml



#4 AR-1016-2

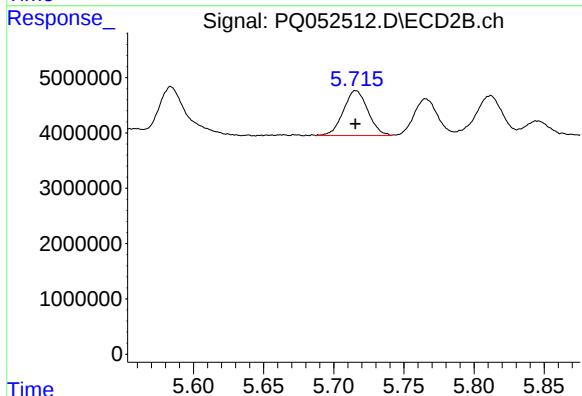
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 17772746
Conc: 37.62 ng/ml



#5 AR-1016-3

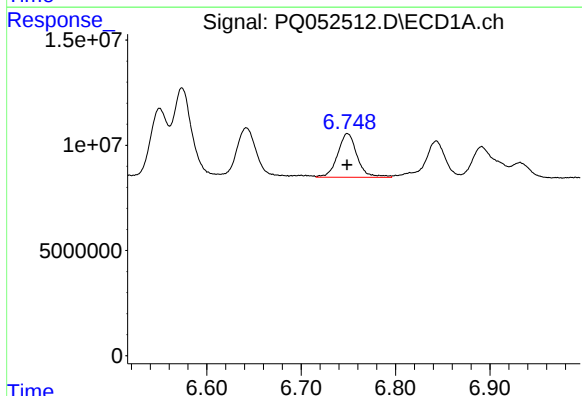
R.T.: 6.642 min
Delta R.T.: 0.001 min
Response: 34113889
Conc: 45.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



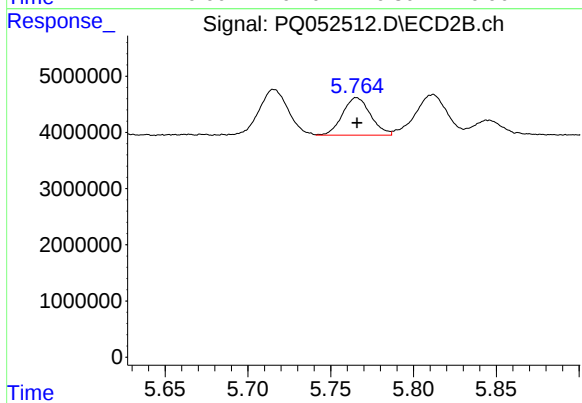
#5 AR-1016-3

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 9934946
Conc: 41.11 ng/ml



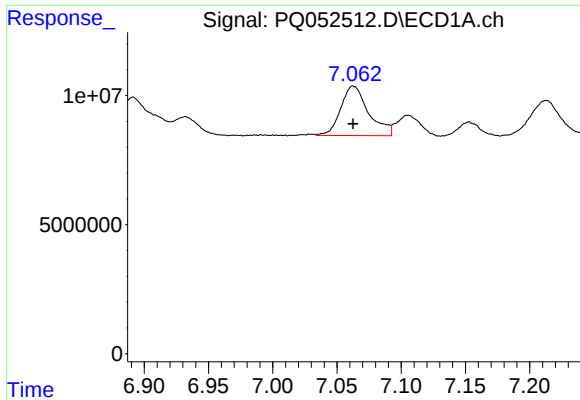
#6 AR-1016-4

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 29864155
Conc: 47.60 ng/ml



#6 AR-1016-4

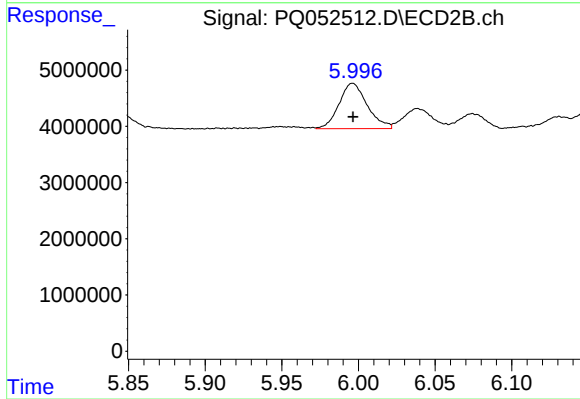
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 7849888
Conc: 42.68 ng/ml



#7 AR-1016-5

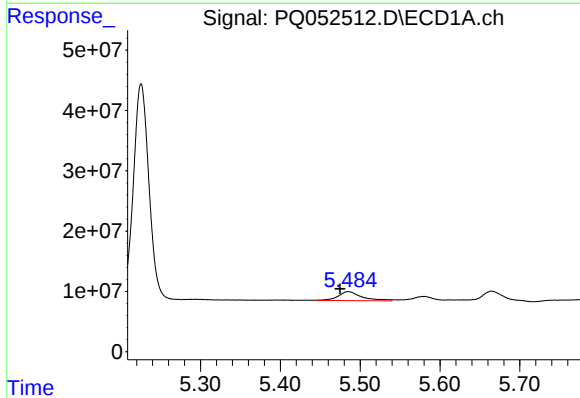
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 29040769
Conc: 49.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



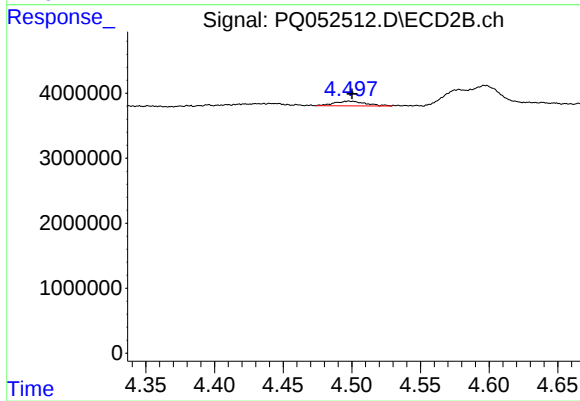
#7 AR-1016-5

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 10353168
Conc: 42.63 ng/ml



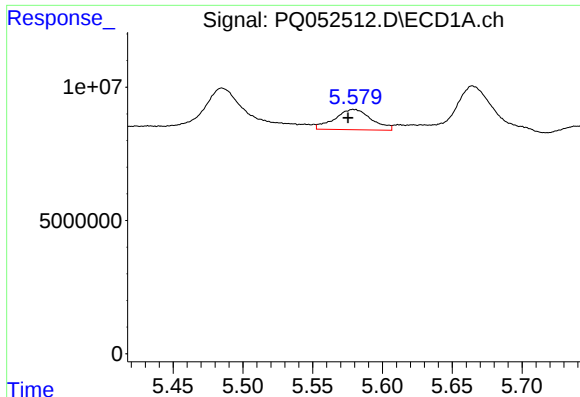
#8 AR-1221-1

R.T.: 5.485 min
Delta R.T.: 0.010 min
Response: 30586075
Conc: 122.56 ng/ml



#8 AR-1221-1

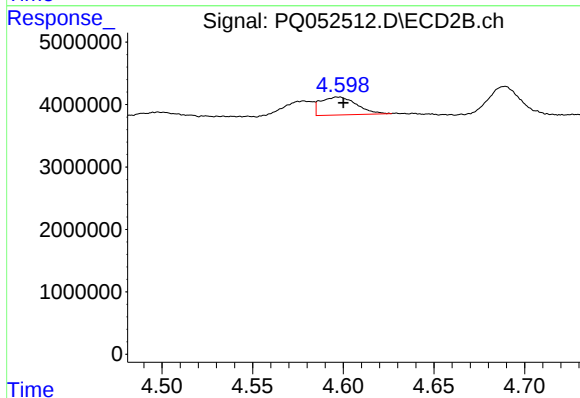
R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 1163677
Conc: 12.89 ng/ml



#9 AR-1221-2

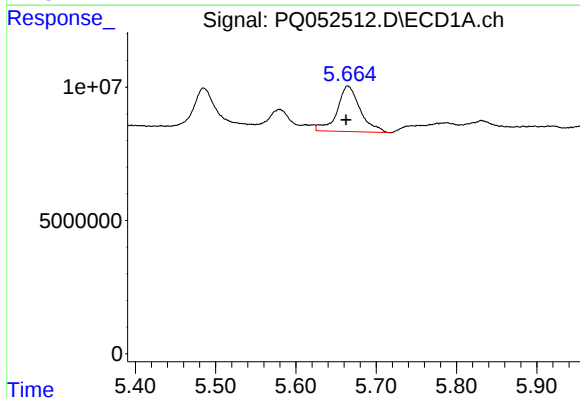
R.T.: 5.579 min
Delta R.T.: 0.003 min
Response: 14055593
Conc: 77.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



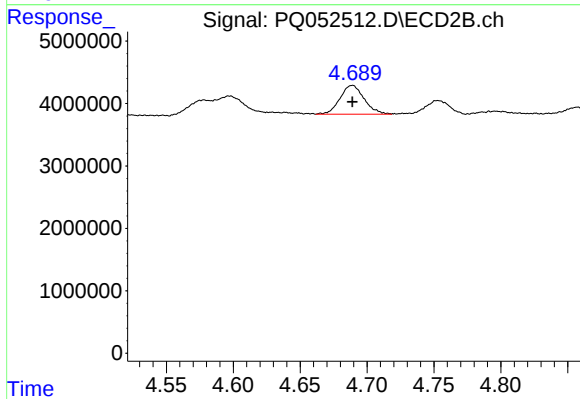
#9 AR-1221-2

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 3954175
Conc: 59.53 ng/ml



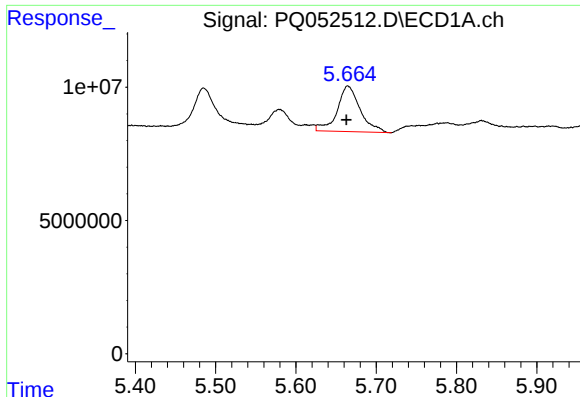
#10 AR-1221-3

R.T.: 5.664 min
Delta R.T.: 0.002 min
Response: 33958214
Conc: 58.95 ng/ml



#10 AR-1221-3

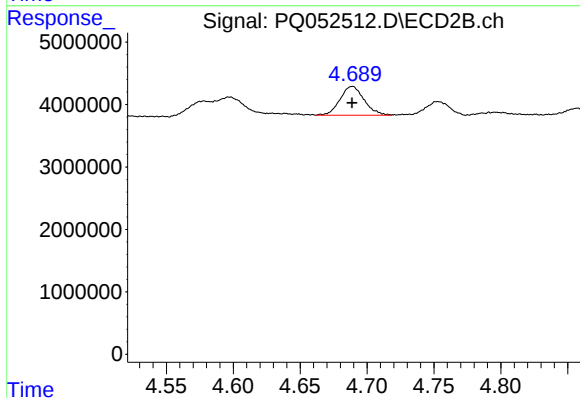
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 5794413
Conc: 26.15 ng/ml



#11 AR-1232-1

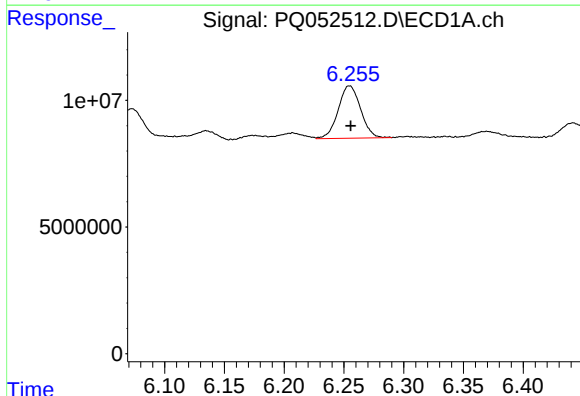
R.T.: 5.664 min
Delta R.T.: 0.001 min
Response: 33958214
Conc: 70.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



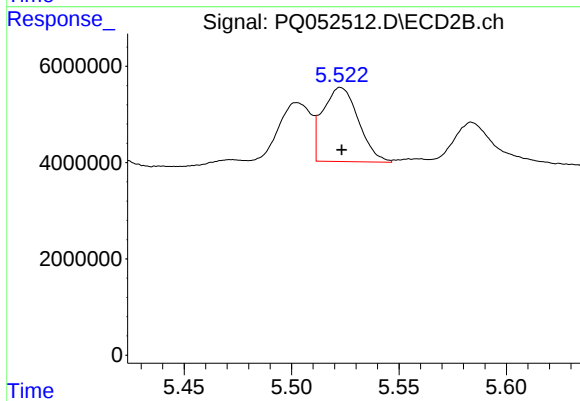
#11 AR-1232-1

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 5794413
Conc: 32.31 ng/ml



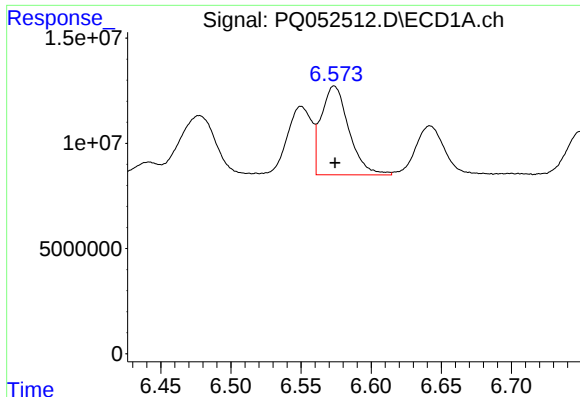
#12 AR-1232-2

R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 26939880
Conc: 108.92 ng/ml



#12 AR-1232-2

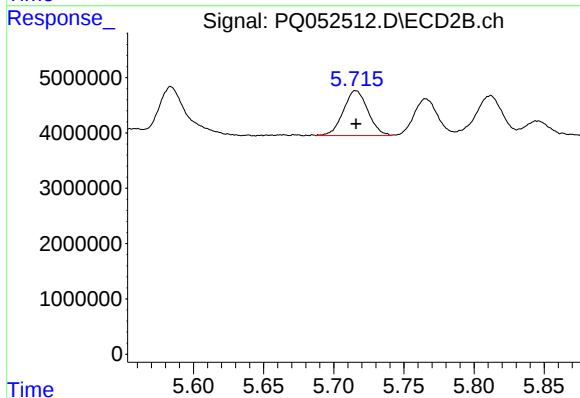
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 17772746
Conc: 91.92 ng/ml



#13 AR-1232-3

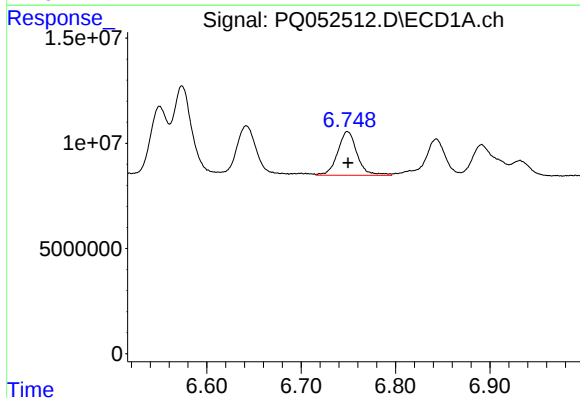
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 57936161
Conc: 109.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



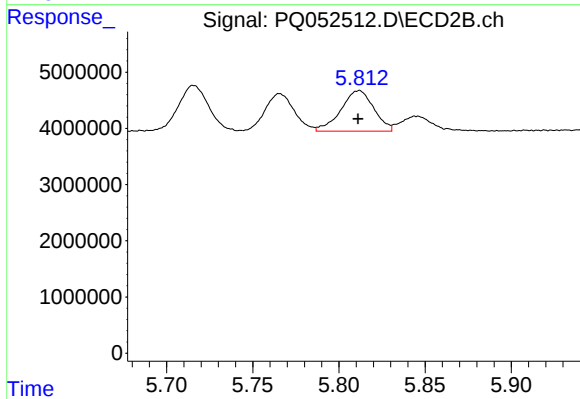
#13 AR-1232-3

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 9934946
Conc: 102.72 ng/ml



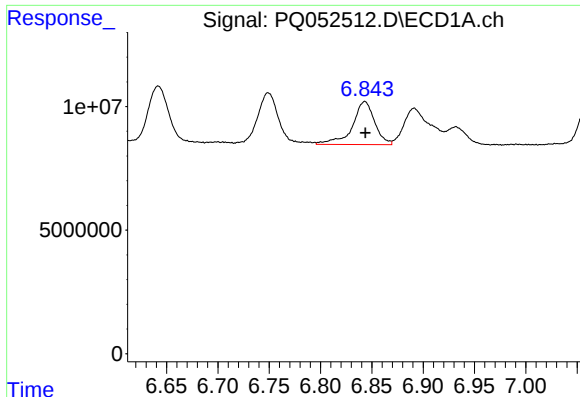
#14 AR-1232-4

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 29864155
Conc: 115.93 ng/ml



#14 AR-1232-4

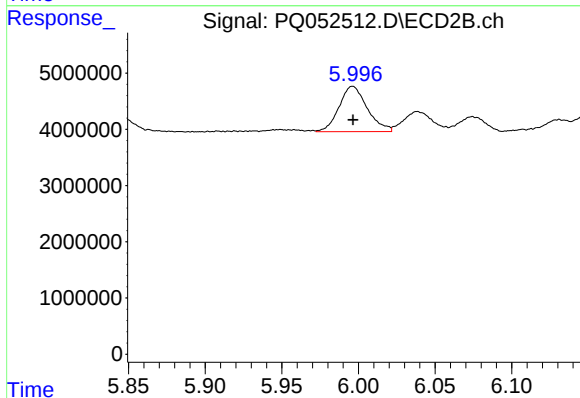
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9576125
Conc: 118.71 ng/ml



#15 AR-1232-5

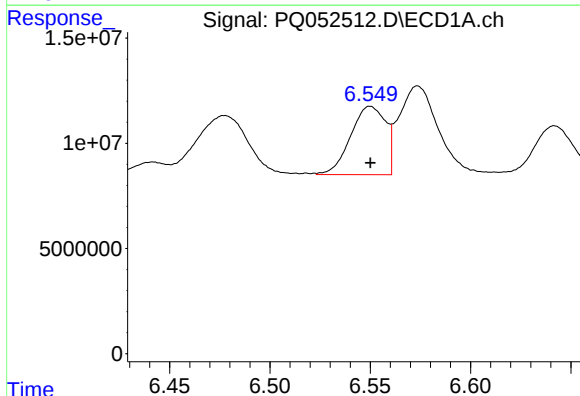
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 26324865
Conc: 146.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



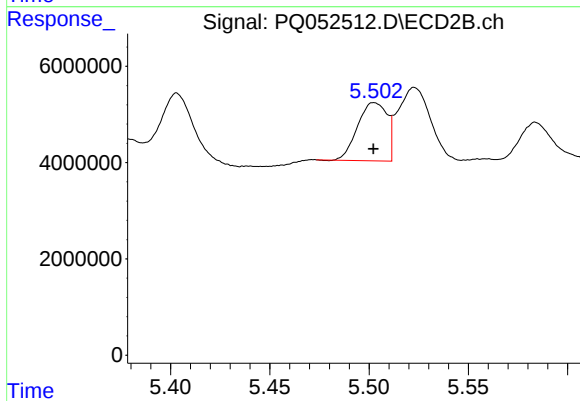
#15 AR-1232-5

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 10353168
Conc: 114.65 ng/ml



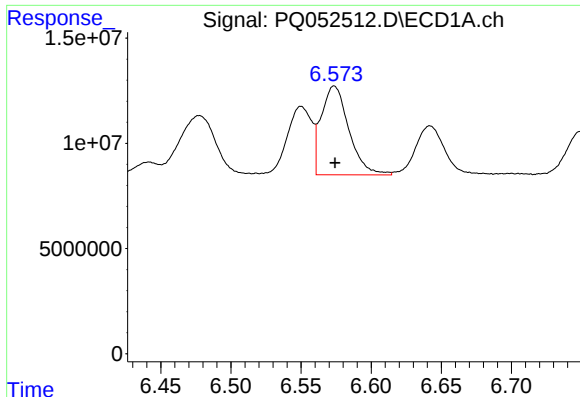
#16 AR-1242-1

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 39451814
Conc: 60.93 ng/ml



#16 AR-1242-1

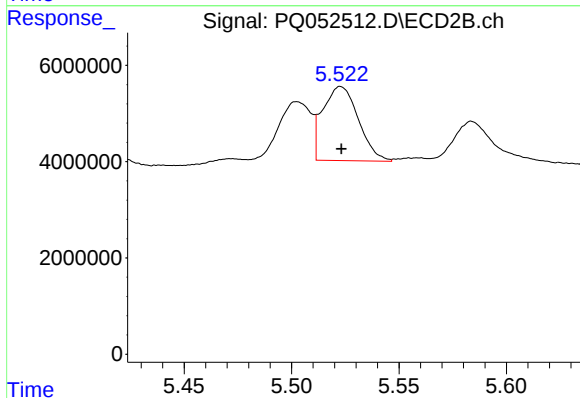
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 12463170
Conc: 50.64 ng/ml



#17 AR-1242-2

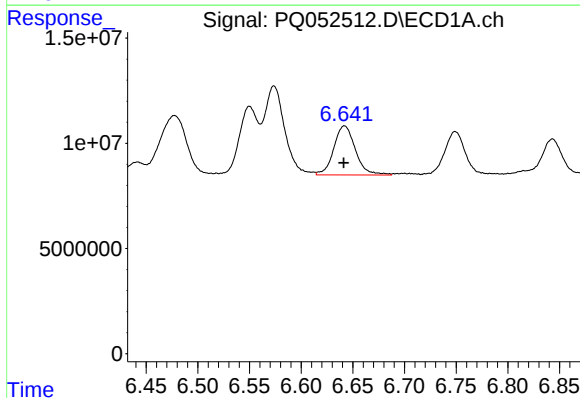
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 57936161
Conc: 60.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



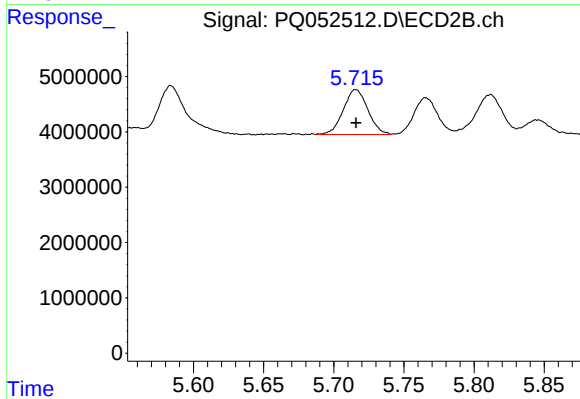
#17 AR-1242-2

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 17772746
Conc: 50.59 ng/ml



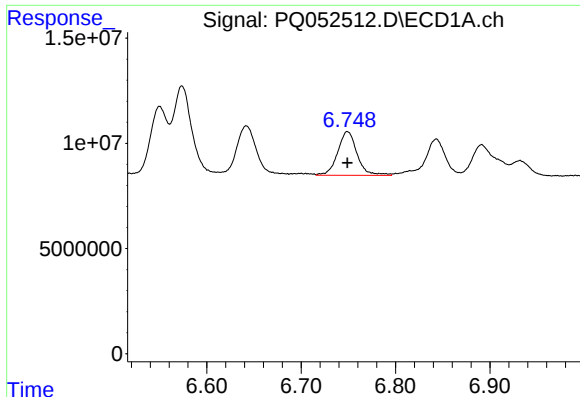
#18 AR-1242-3

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 34113889
Conc: 59.50 ng/ml



#18 AR-1242-3

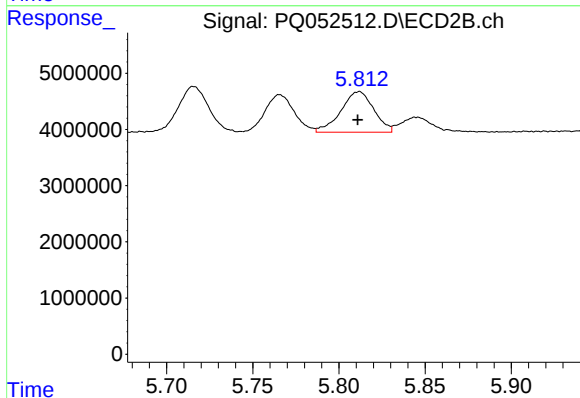
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 9934946
Conc: 53.93 ng/ml



#19 AR-1242-4

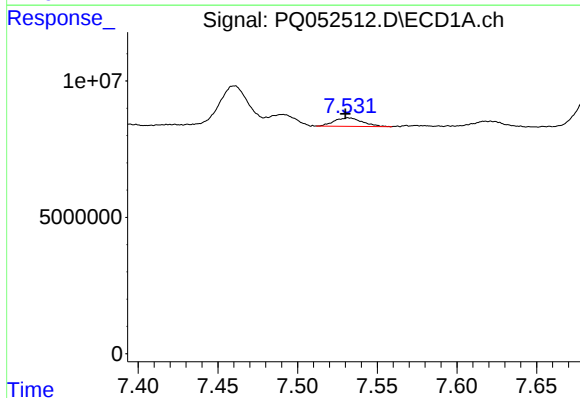
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 29864155
Conc: 62.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



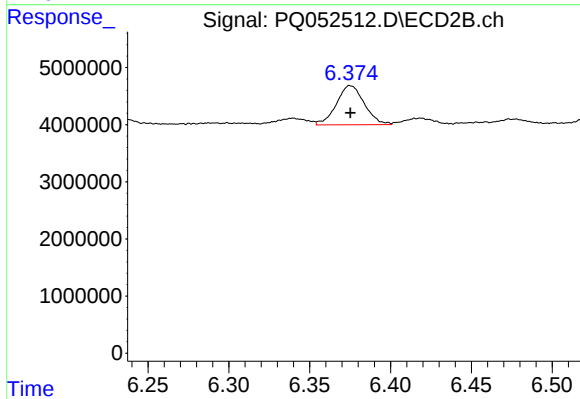
#19 AR-1242-4

R.T.: 5.812 min
Delta R.T.: 0.001 min
Response: 9576125
Conc: 56.83 ng/ml



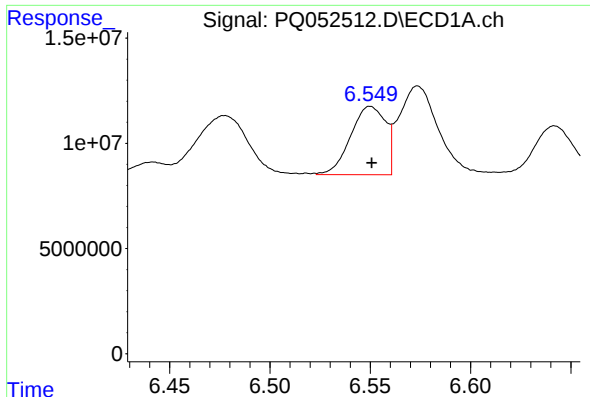
#20 AR-1242-5

R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 3839124
Conc: 7.29 ng/ml



#20 AR-1242-5

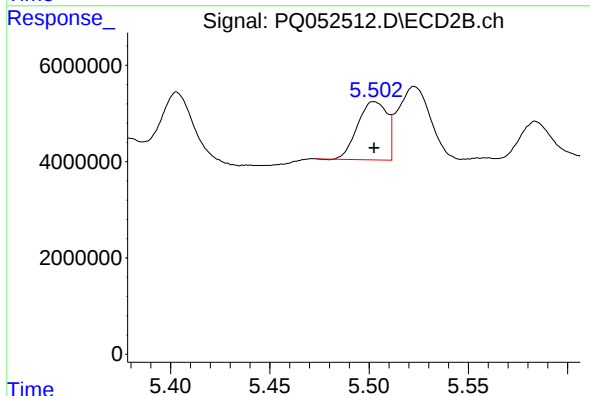
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 8223767
Conc: 34.58 ng/ml



#21 AR-1248-1

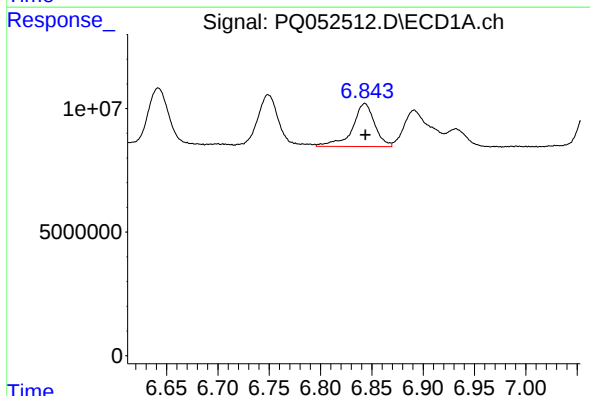
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 39451814
Conc: 81.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



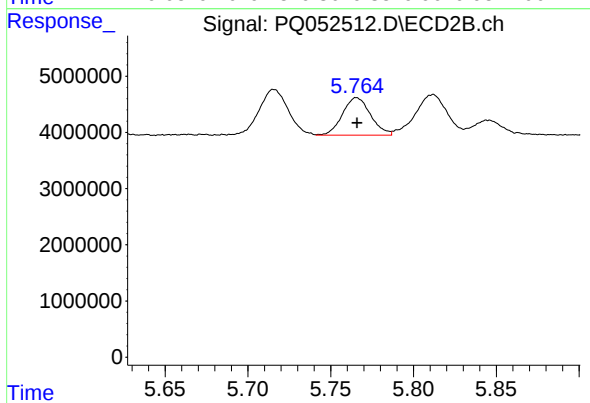
#21 AR-1248-1

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 12463170
Conc: 67.20 ng/ml



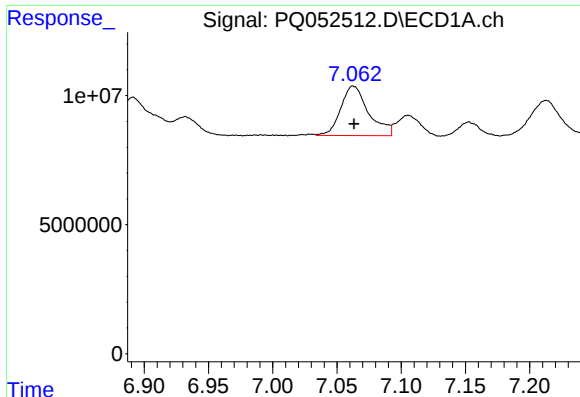
#22 AR-1248-2

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 26324865
Conc: 39.39 ng/ml



#22 AR-1248-2

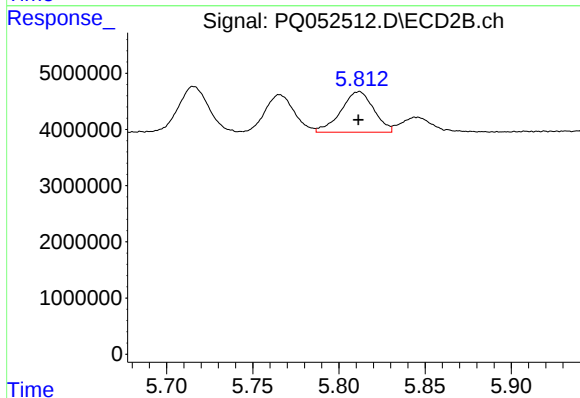
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 7849888
Conc: 31.70 ng/ml



#23 AR-1248-3

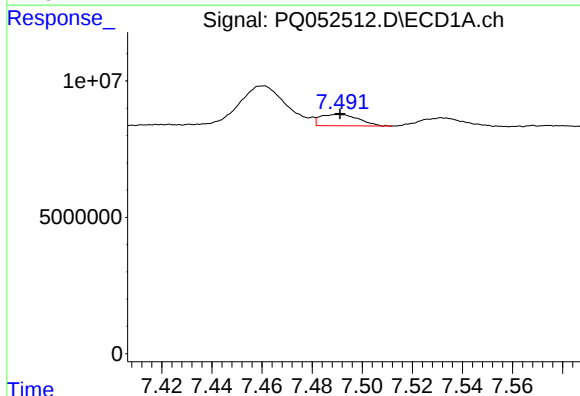
R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 29040769
Conc: 37.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



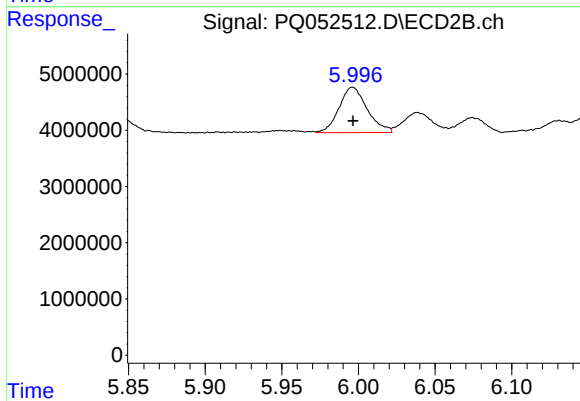
#23 AR-1248-3

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9576125
Conc: 37.29 ng/ml



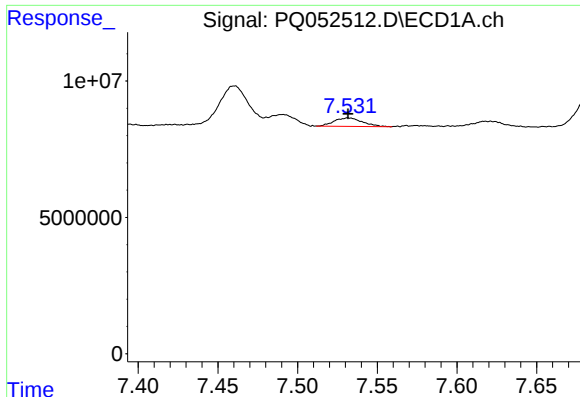
#24 AR-1248-4

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 4400778
Conc: 4.78 ng/ml



#24 AR-1248-4

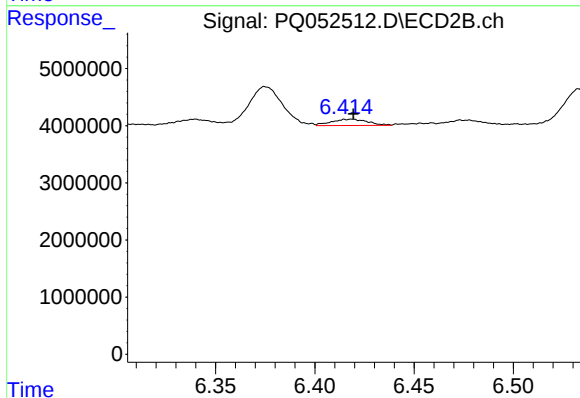
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 10353168
Conc: 33.22 ng/ml



#25 AR-1248-5

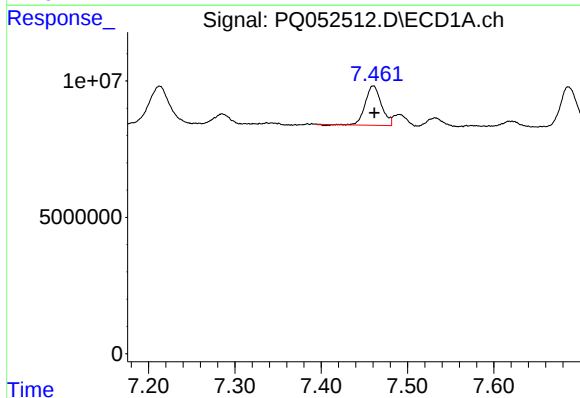
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 3839124
Conc: 4.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



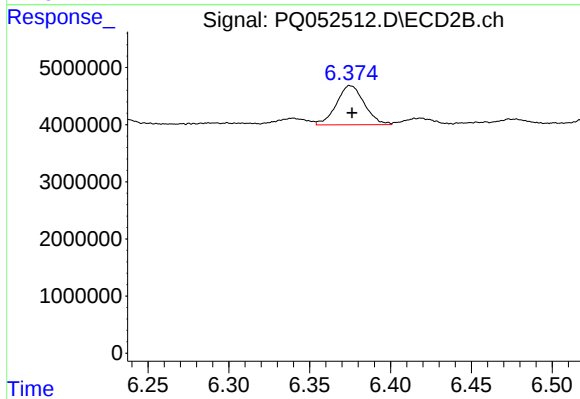
#25 AR-1248-5

R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 1394429
Conc: 4.14 ng/ml



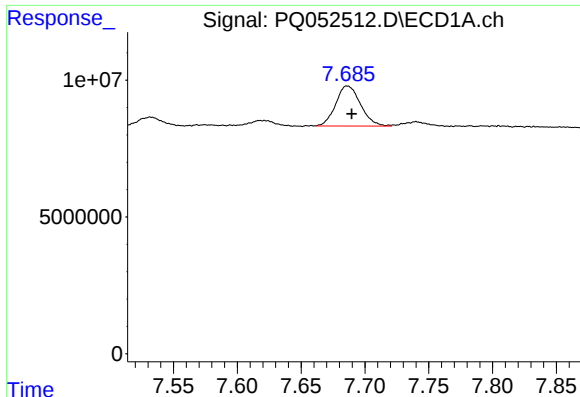
#26 AR-1254-1

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 18678628
Conc: 20.76 ng/ml



#26 AR-1254-1

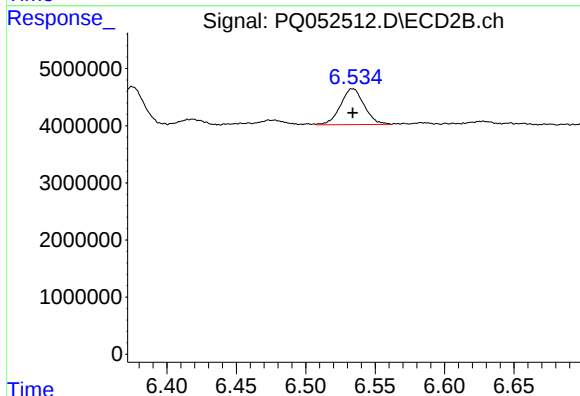
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 8223767
Conc: 15.96 ng/ml



#27 AR-1254-2

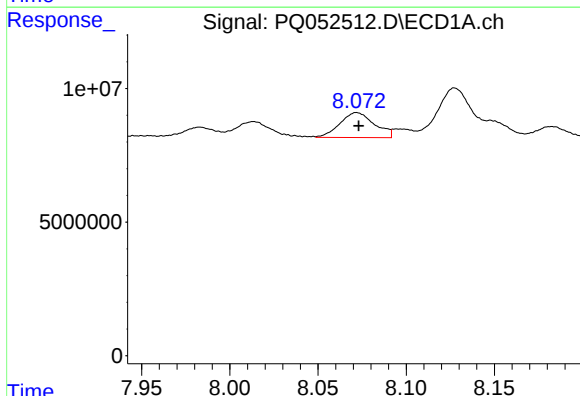
R.T.: 7.686 min
Delta R.T.: -0.003 min
Response: 19896377
Conc: 14.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



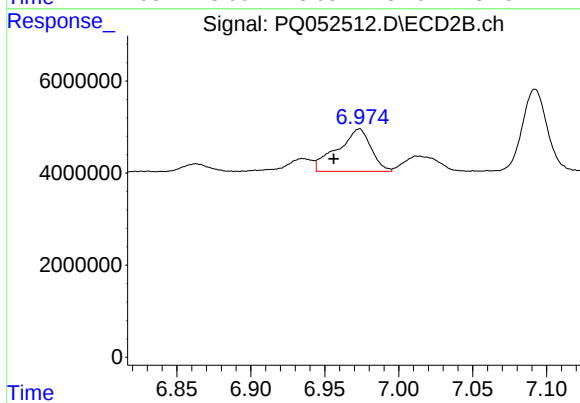
#27 AR-1254-2

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 7491863
Conc: 16.74 ng/ml



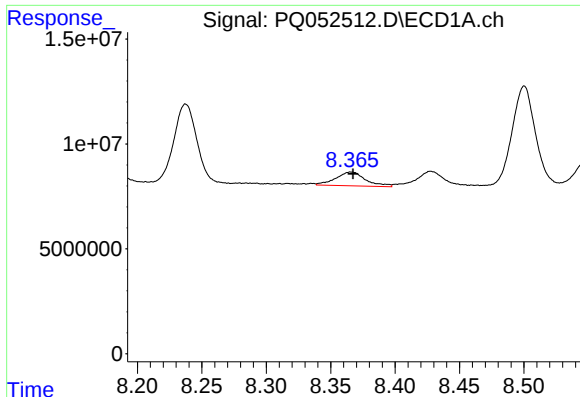
#28 AR-1254-3

R.T.: 8.072 min
Delta R.T.: -0.001 min
Response: 12754948
Conc: 8.22 ng/ml



#28 AR-1254-3

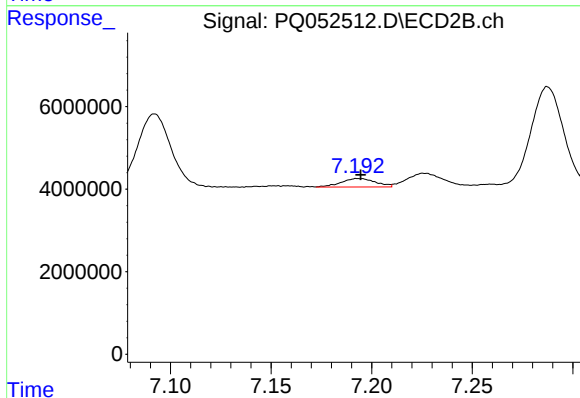
R.T.: 6.974 min
Delta R.T.: 0.018 min
Response: 14586274
Conc: 19.72 ng/ml



#29 AR-1254-4

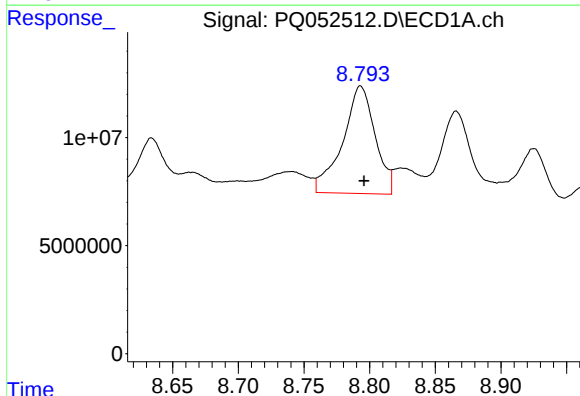
R.T.: 8.366 min
Delta R.T.: -0.002 min
Response: 10690002
Conc: 9.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



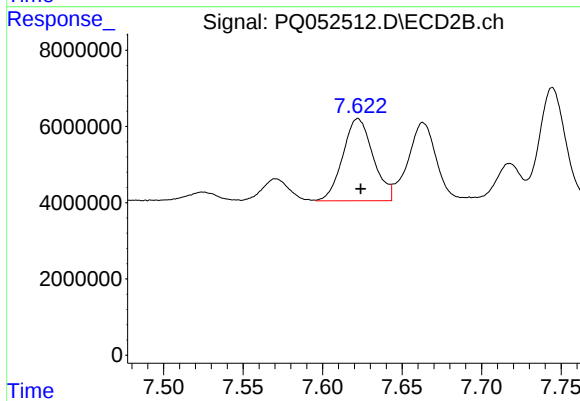
#29 AR-1254-4

R.T.: 7.193 min
Delta R.T.: -0.002 min
Response: 2418658
Conc: 4.84 ng/ml



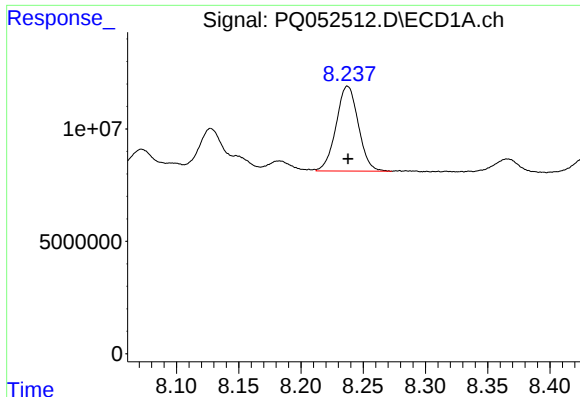
#30 AR-1254-5

R.T.: 8.793 min
Delta R.T.: -0.003 min
Response: 85744068
Conc: 70.51 ng/ml



#30 AR-1254-5

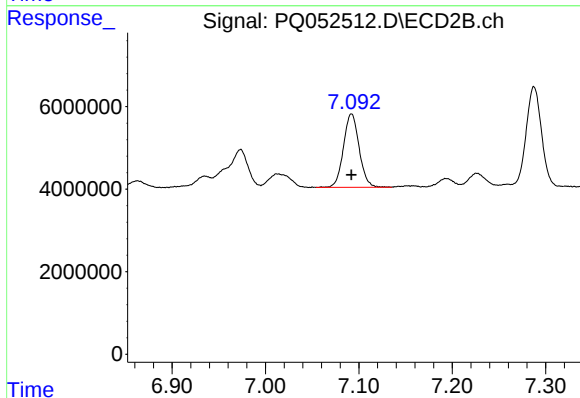
R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 28639791
Conc: 41.95 ng/ml



#31 AR-1260-1

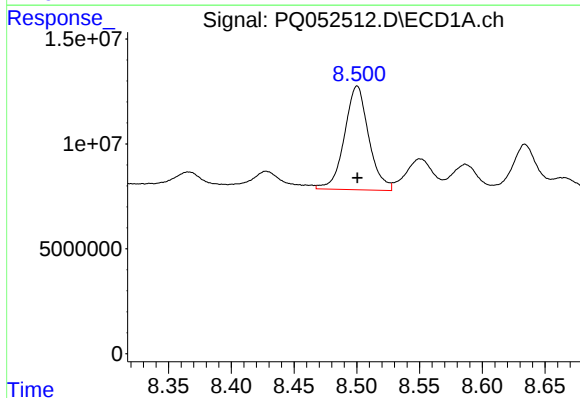
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 46989324
Conc: 45.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



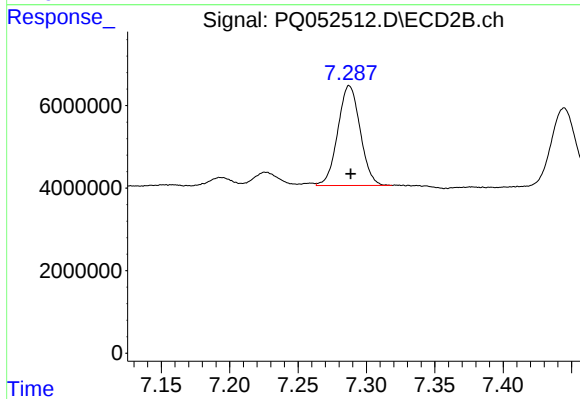
#31 AR-1260-1

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 20763825
Conc: 44.54 ng/ml



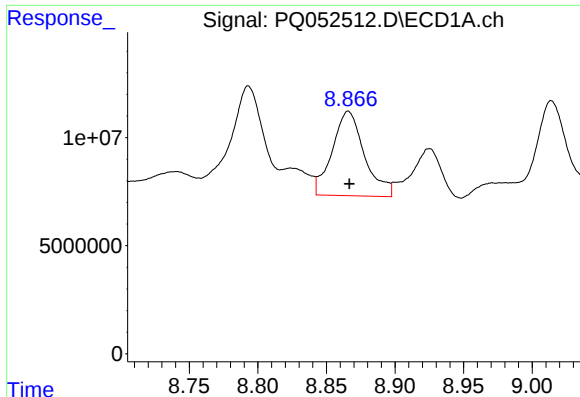
#32 AR-1260-2

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 66434148
Conc: 52.41 ng/ml



#32 AR-1260-2

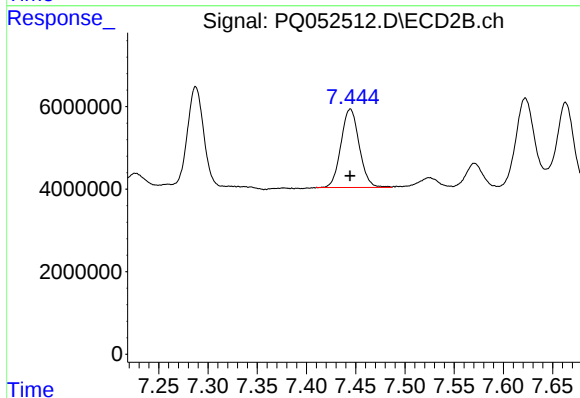
R.T.: 7.287 min
Delta R.T.: -0.001 min
Response: 27546650
Conc: 42.99 ng/ml



#33 AR-1260-3

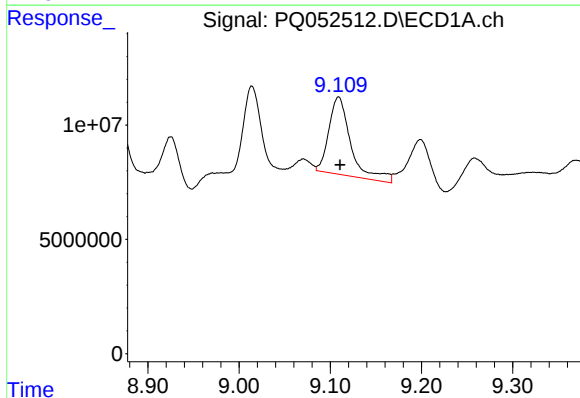
R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 64083331
Conc: 67.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



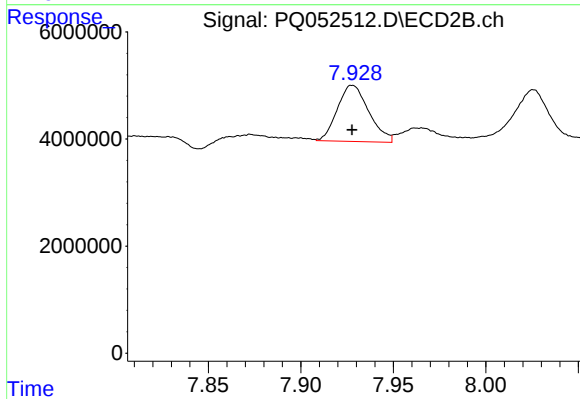
#33 AR-1260-3

R.T.: 7.445 min
Delta R.T.: 0.000 min
Response: 24548884
Conc: 44.50 ng/ml



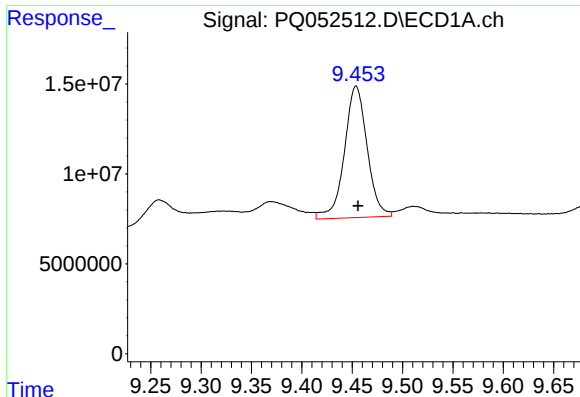
#34 AR-1260-4

R.T.: 9.109 min
Delta R.T.: -0.002 min
Response: 56671114
Conc: 49.96 ng/ml



#34 AR-1260-4

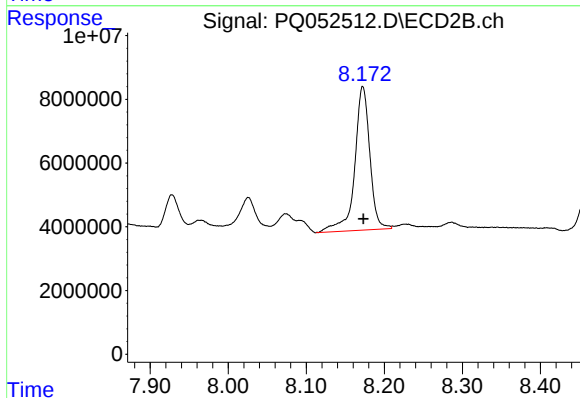
R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 12427321
Conc: 26.22 ng/ml



#35 AR-1260-5

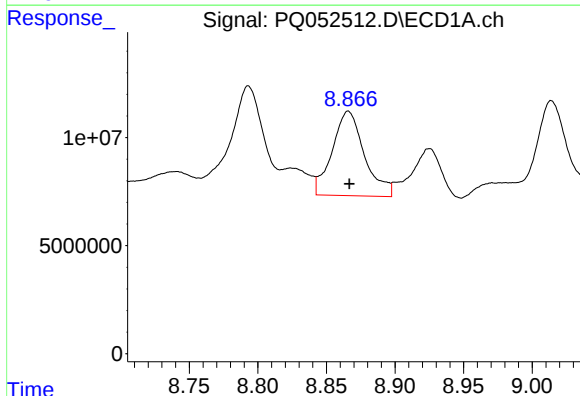
R.T.: 9.454 min
Delta R.T.: -0.002 min
Response: 115053812
Conc: 48.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



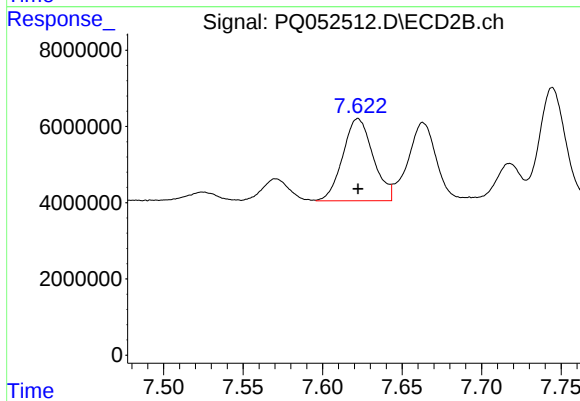
#35 AR-1260-5

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 60794303
Conc: 46.18 ng/ml



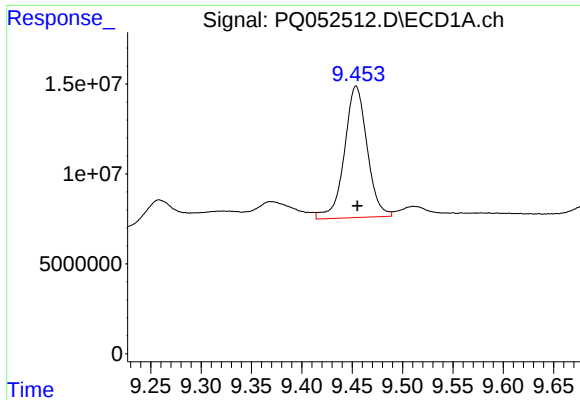
#36 AR-1262-1

R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 64083331
Conc: 45.54 ng/ml



#36 AR-1262-1

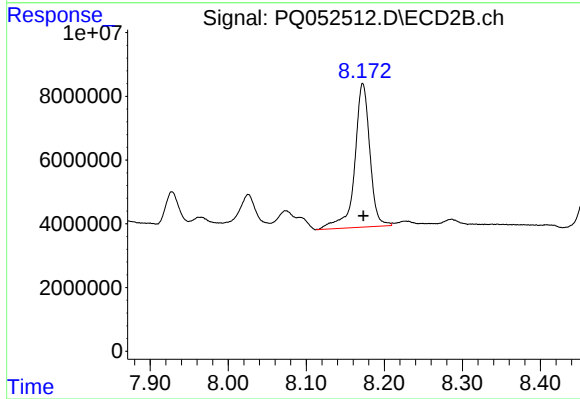
R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 28639791
Conc: 79.73 ng/ml



#37 AR-1262-2

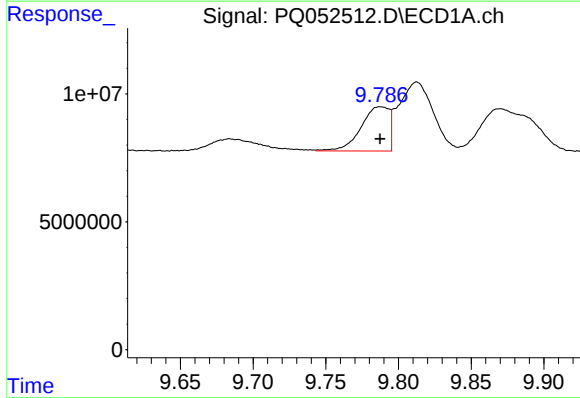
R.T.: 9.454 min
Delta R.T.: -0.001 min
Response: 115053812
Conc: 41.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



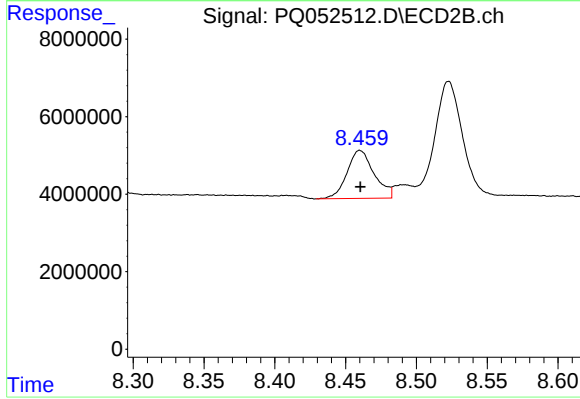
#37 AR-1262-2

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 60794303
Conc: 41.11 ng/ml



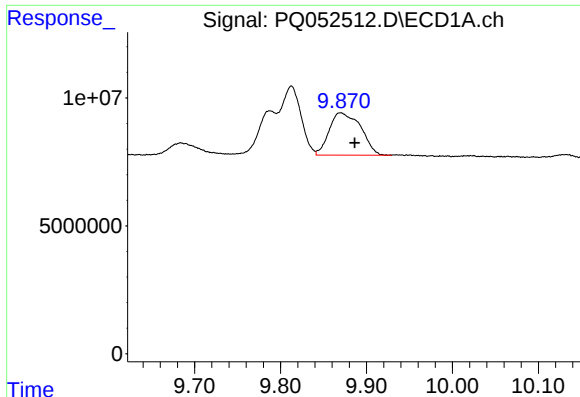
#38 AR-1262-3

R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 23298315
Conc: 19.64 ng/ml



#38 AR-1262-3

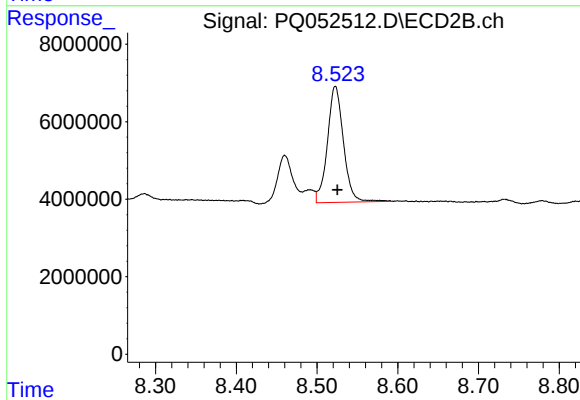
R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 16452138
Conc: 28.49 ng/ml



#39 AR-1262-4

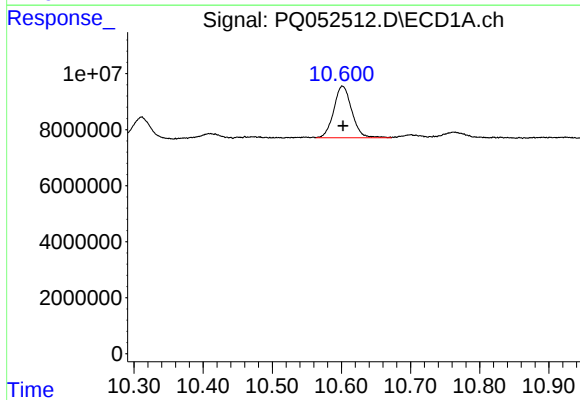
R.T.: 9.870 min
Delta R.T.: -0.017 min
Response: 42203819
Conc: 59.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



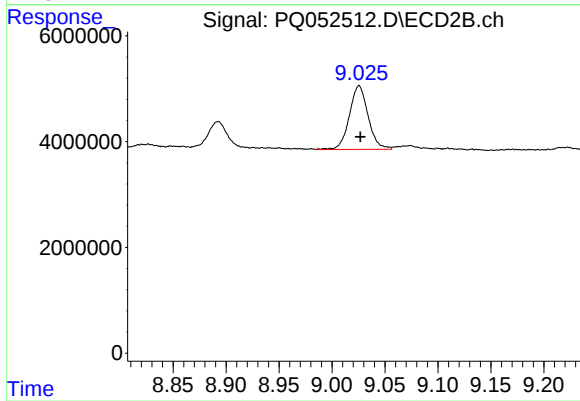
#39 AR-1262-4

R.T.: 8.523 min
Delta R.T.: -0.002 min
Response: 41514430
Conc: 40.38 ng/ml



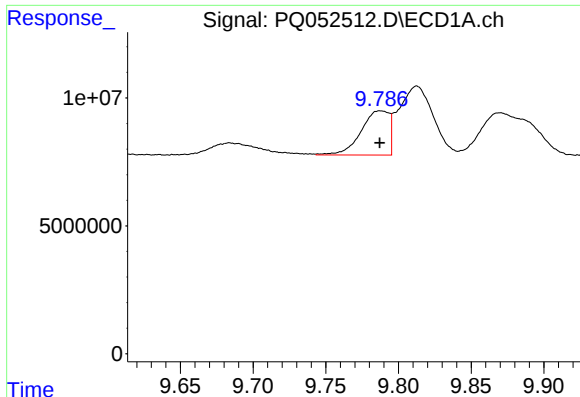
#40 AR-1262-5

R.T.: 10.602 min
Delta R.T.: 0.000 min
Response: 33353182
Conc: 33.28 ng/ml



#40 AR-1262-5

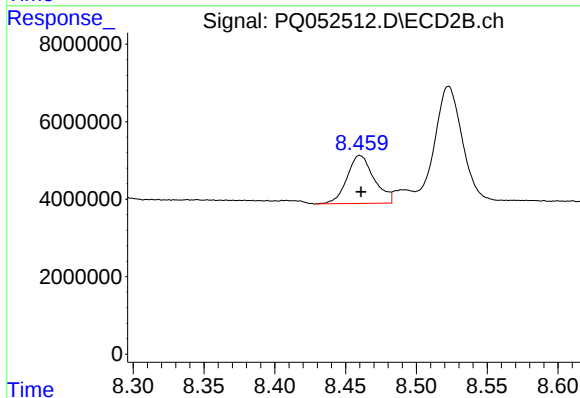
R.T.: 9.026 min
Delta R.T.: -0.001 min
Response: 14804827
Conc: 31.38 ng/ml



#41 AR-1268-1

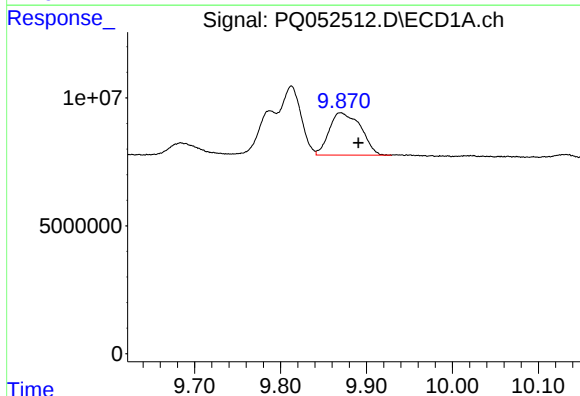
R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 23298315
Conc: 7.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



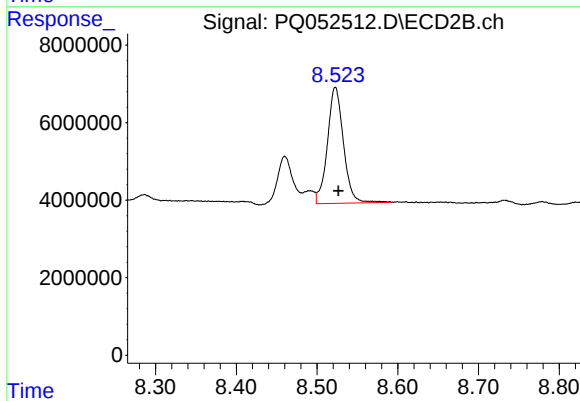
#41 AR-1268-1

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 16452138
Conc: 9.62 ng/ml



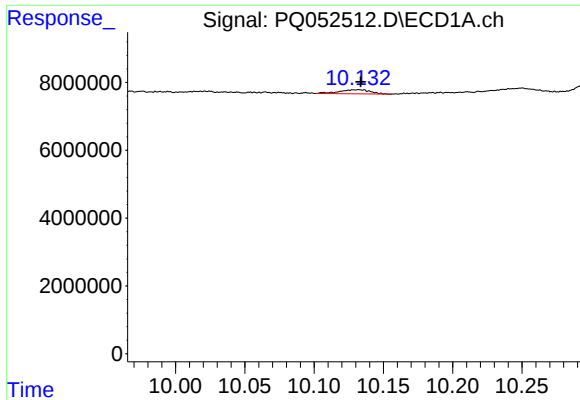
#42 AR-1268-2

R.T.: 9.870 min
Delta R.T.: -0.021 min
Response: 42203819
Conc: 14.37 ng/ml



#42 AR-1268-2

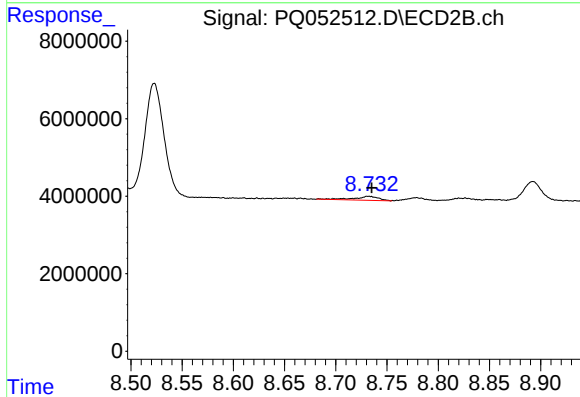
R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 41514430
Conc: 27.58 ng/ml



#43 AR-1268-3

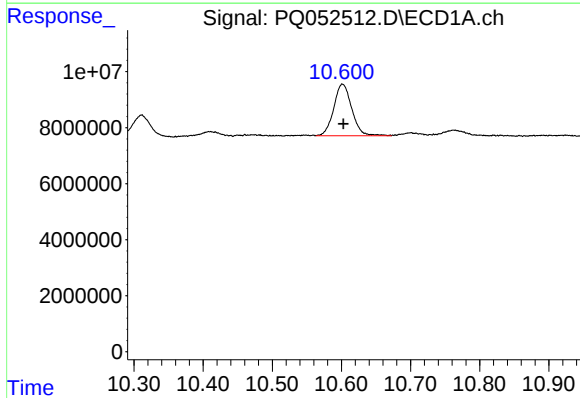
R.T.: 10.132 min
Delta R.T.: -0.002 min
Response: 1864150
Conc: 0.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



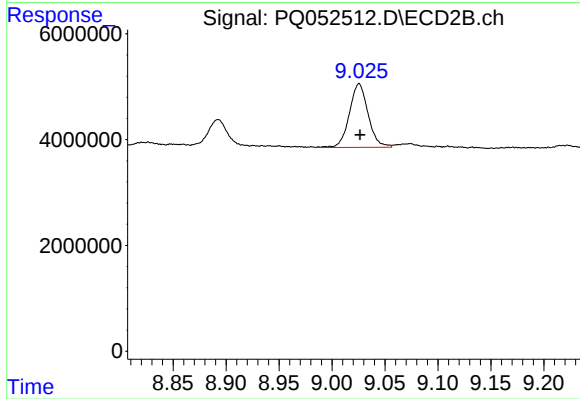
#43 AR-1268-3

R.T.: 8.732 min
Delta R.T.: -0.003 min
Response: 1643493
Conc: 1.28 ng/ml



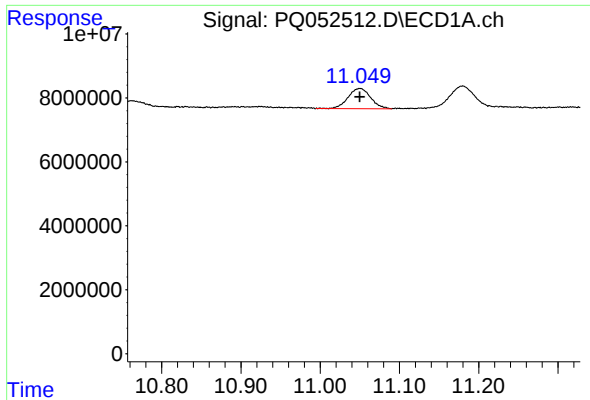
#44 AR-1268-4

R.T.: 10.602 min
Delta R.T.: -0.001 min
Response: 33353182
Conc: 30.73 ng/ml



#44 AR-1268-4

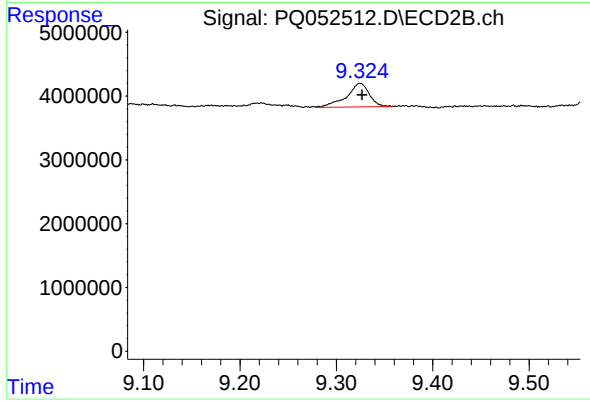
R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 14804827
Conc: 28.93 ng/ml



#45 AR-1268-5

R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 12598680
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.325 min
Delta R.T.: -0.002 min
Response: 6086210
Conc: 1.57 ng/ml