

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082423\
 Data File : PQ063185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2023 09:00
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 13:35:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 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...	3.463	2.783	227.7E6	187.5E6	42.379	45.460
2)	SA Decachlor...	8.699	7.594	192.6E6	237.6E6	49.740	54.943
Target Compounds							
3)	L1 AR-1016-1	4.576	3.795	75461909	66110703	387.832	414.835
4)	L1 AR-1016-2	4.576	3.811	75461909	89360567	271.958	418.212 #
5)	L1 AR-1016-3	4.654	3.973	65516047	51885406	383.127	433.981
6)	L1 AR-1016-4	4.747	4.021	55047417	40685565	391.158	419.325
7)	L1 AR-1016-5	5.036	4.218	56829883	55583002	413.027	441.697
8)	L2 AR-1221-1	3.661	2.986	9570614	8675297	140.649	158.100
9)	L2 AR-1221-2	3.744	3.064	11061292	9315320	231.838	246.967
10)	L2 AR-1221-3	3.815	3.133	42678531	34207311	276.542	284.293
11)	L3 AR-1232-1	3.815	3.133	42678531	34207311	330.327	351.077
12)	L3 AR-1232-2	4.314	3.811	58036479	89360567	832.135	918.659
13)	L3 AR-1232-3	4.576	3.973	75461909	51885406	617.570	977.178 #
14)	L3 AR-1232-4	4.747	4.059	55047417	47297462	912.303	1030.487
15)	L3 AR-1232-5	4.844	4.218	42673593	55583002	977.710	1025.088
16)	L4 AR-1242-1	4.576	3.795	75461909	66110703	447.108	457.773
17)	L4 AR-1242-2	4.576	3.811	75461909	89360567	312.911	470.373 #
18)	L4 AR-1242-3	4.654	3.973	65516047	51885406	447.265	480.736
19)	L4 AR-1242-4	4.747	4.059	55047417	47297462	444.870	474.736
20)	L4 AR-1242-5	5.468	4.558	60056276	67792417	454.429	501.404
21)	L5 AR-1248-1	4.576	3.795	75461909	66110703	566.742	591.816
22)	L5 AR-1248-2	4.844	4.021	42673593	40685565	244.194	257.640
23)	L5 AR-1248-3	5.036	4.059	56829883	47297462	268.734	310.148
24)	L5 AR-1248-4	5.433	4.218	59089502	55583002	248.003	292.294
25)	L5 AR-1248-5	5.468	4.596	60056276	58966727	258.438	304.880
26)	L6 AR-1254-1	5.404	4.558	45932209	67792417	209.731	252.663
27)	L6 AR-1254-2	5.621	4.706	53056729	16034622	156.673	68.316 #
28)	L6 AR-1254-3	5.980	5.091	23684208	23808303	66.062	62.957
29)	L6 AR-1254-4	6.267	5.318	20931895	17982609	77.257	73.608
30)	L6 AR-1254-5	6.684	5.727	4679498	6213904	16.928	18.004
31)	L7 AR-1260-1	6.147	5.224	3150051	10340313	12.322	41.431 #
32)	L7 AR-1260-2	6.409	5.411	3857842	2601440	12.711	8.447 #
33)	L7 AR-1260-3	6.765	5.550	368249	2674798	1.747	8.632 #
34)	L7 AR-1260-4	6.959	6.051f	14350107	4755329	59.878	19.393 #
35)	L7 AR-1260-5	0.000	6.267	0	1499201	N.D.	2.743 #
36)	L8 AR-1262-1	6.765	5.814	368249	230185	1.140	1.612 #
37)	L8 AR-1262-2	0.000	6.051f	0	4755329	N.D.	15.217 #
38)	L8 AR-1262-3	7.576	6.573	438636	33569786	1.214	133.166 #
39)	L8 AR-1262-4	7.638	6.615	70690	10863291	0.252	23.237 #
40)	L8 AR-1262-5	8.174f	0.000	534409	0	2.843	N.D. #
41)	L9 AR-1268-1	7.576	6.573	438636	33569786	0.678	44.983 #

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 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

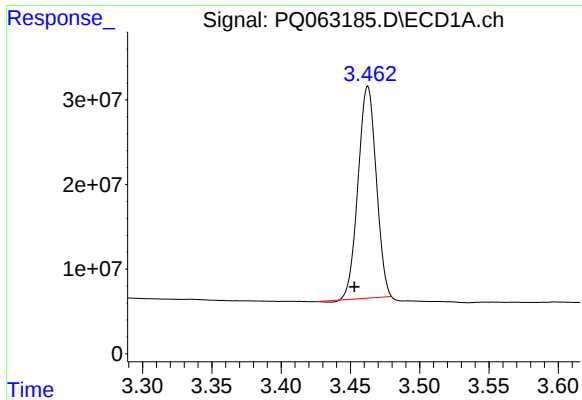
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 13:35:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.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	7.638	6.615	70690	10863291	0.118	15.821 #
43) L9	AR-1268-3	7.832	6.810	396264	25998198	0.805	44.295 #
44) L9	AR-1268-4	8.174f	0.000	534409	0	2.491	N.D. #
45) L9	AR-1268-5	8.459	7.375	1788139	2688998	1.160	1.518 #

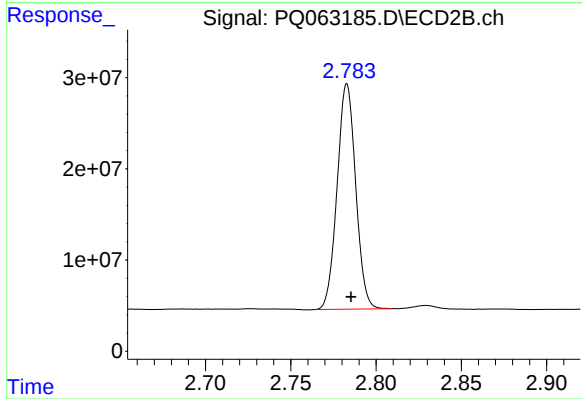
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

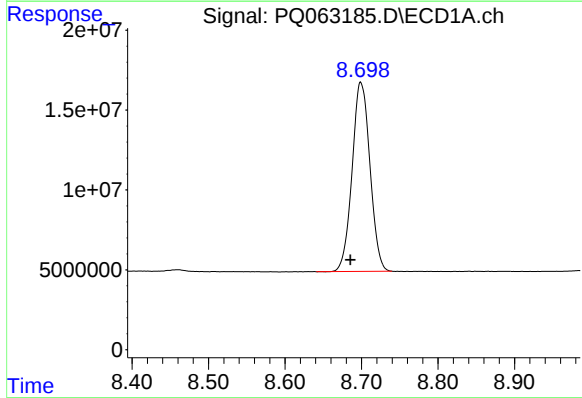
R.T.: 3.463 min
Delta R.T.: 0.010 min
Response: 227718780
Conc: 42.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



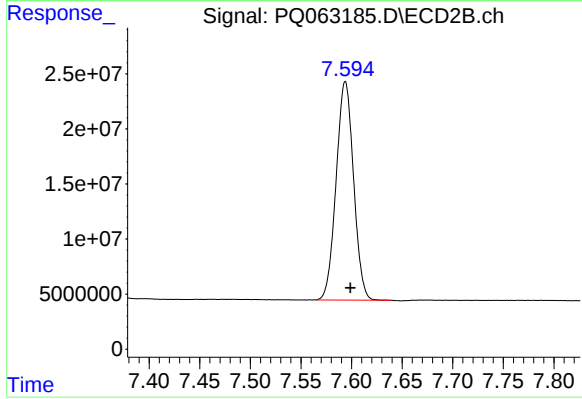
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 187489412
Conc: 45.46 ng/ml



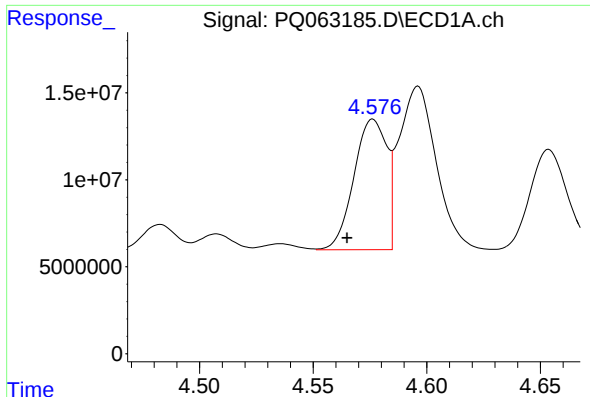
#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: 0.013 min
Response: 192584249
Conc: 49.74 ng/ml



#2 Decachlorobiphenyl

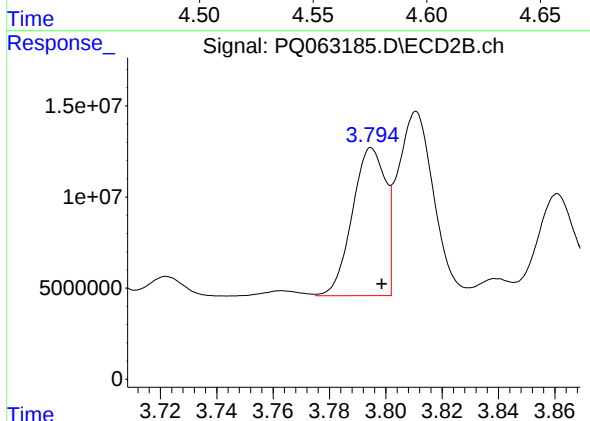
R.T.: 7.594 min
Delta R.T.: -0.005 min
Response: 237648226
Conc: 54.94 ng/ml



#3 AR-1016-1

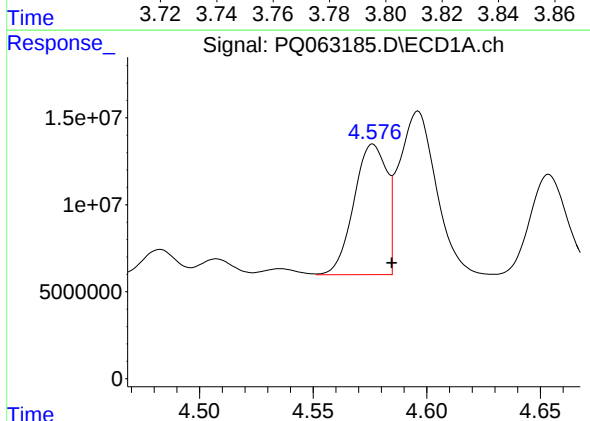
R.T.: 4.576 min
Delta R.T.: 0.011 min
Response: 75461909
Conc: 387.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



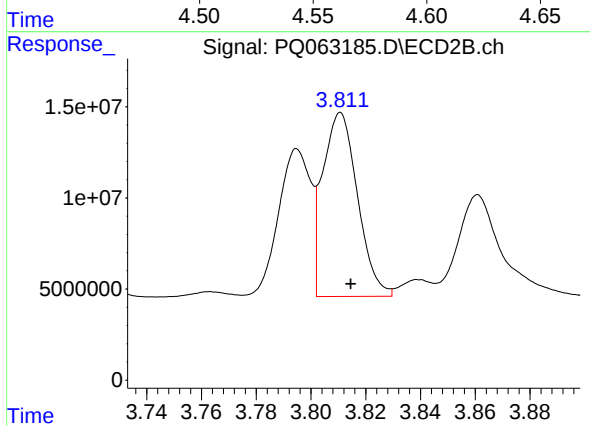
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: -0.004 min
Response: 66110703
Conc: 414.84 ng/ml



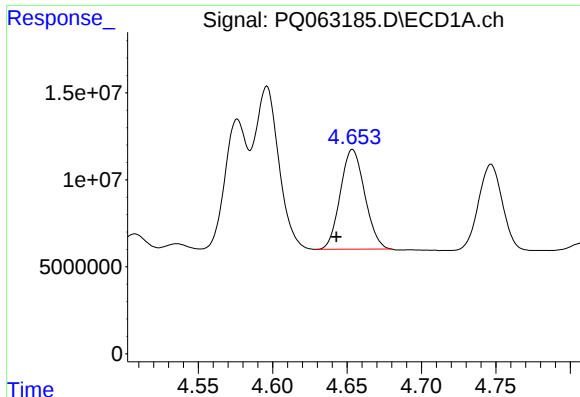
#4 AR-1016-2

R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 75461909
Conc: 271.96 ng/ml



#4 AR-1016-2

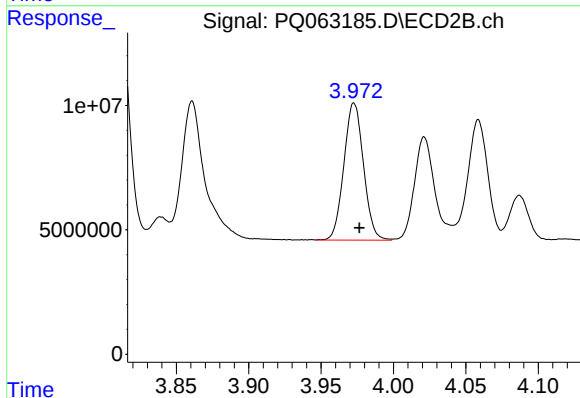
R.T.: 3.811 min
Delta R.T.: -0.004 min
Response: 89360567
Conc: 418.21 ng/ml



#5 AR-1016-3

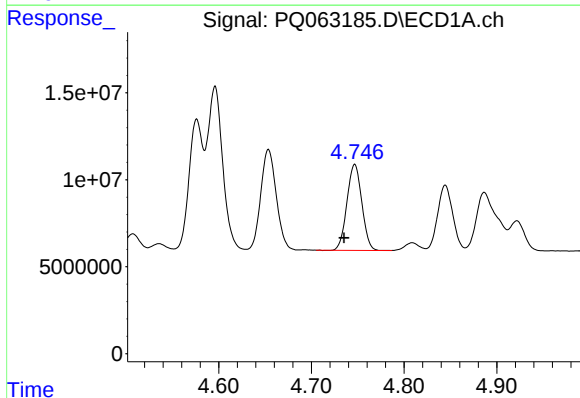
R.T.: 4.654 min
Delta R.T.: 0.011 min
Response: 65516047
Conc: 383.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



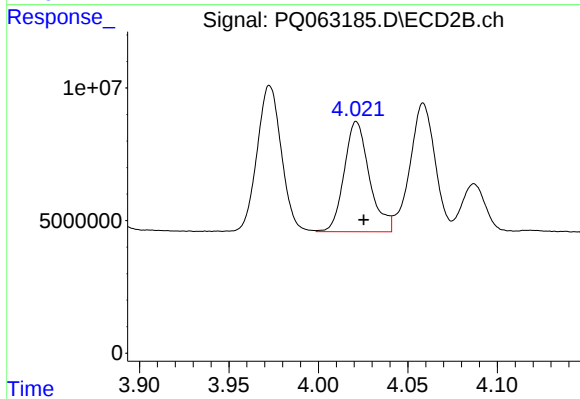
#5 AR-1016-3

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 51885406
Conc: 433.98 ng/ml



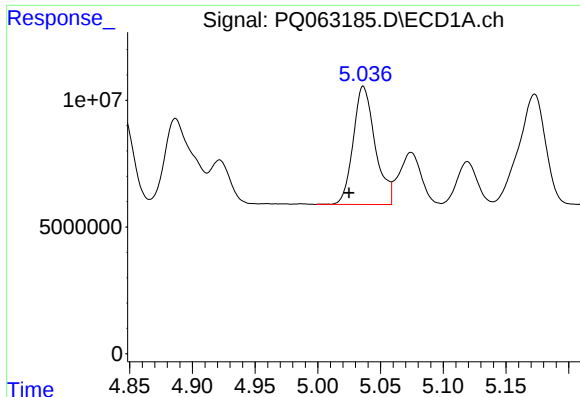
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: 0.011 min
Response: 55047417
Conc: 391.16 ng/ml



#6 AR-1016-4

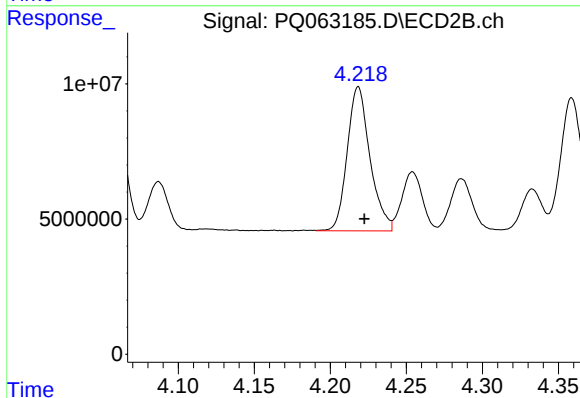
R.T.: 4.021 min
Delta R.T.: -0.004 min
Response: 40685565
Conc: 419.33 ng/ml



#7 AR-1016-5

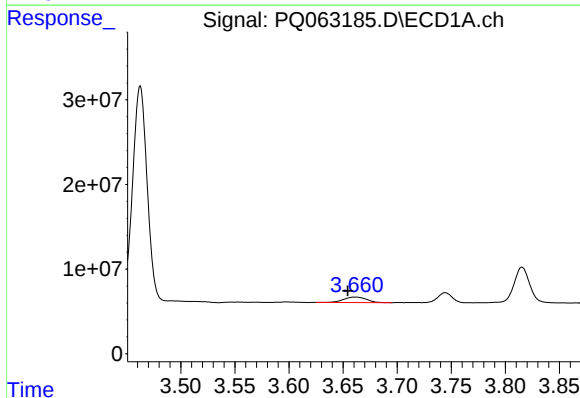
R.T.: 5.036 min
Delta R.T.: 0.012 min
Response: 56829883
Conc: 413.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



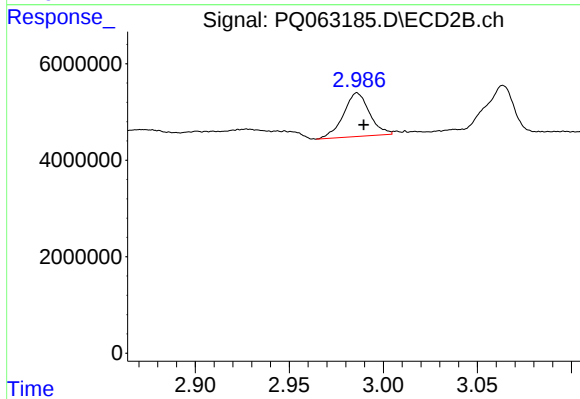
#7 AR-1016-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 55583002
Conc: 441.70 ng/ml



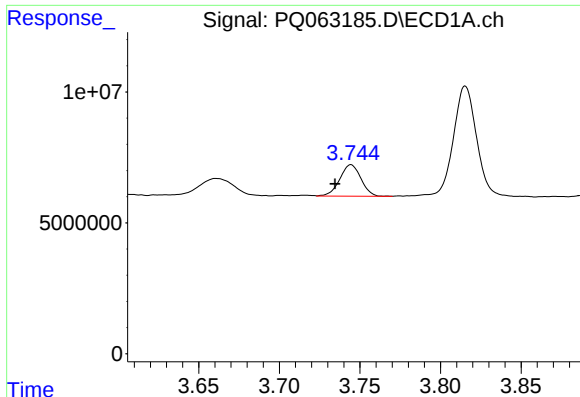
#8 AR-1221-1

R.T.: 3.661 min
Delta R.T.: 0.007 min
Response: 9570614
Conc: 140.65 ng/ml



#8 AR-1221-1

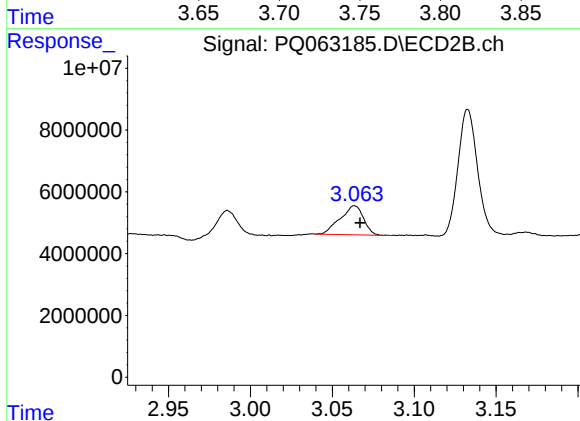
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 8675297
Conc: 158.10 ng/ml



#9 AR-1221-2

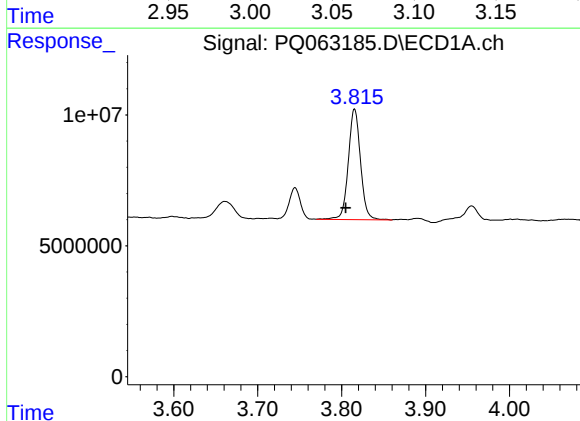
R.T.: 3.744 min
Delta R.T.: 0.010 min
Response: 11061292
Conc: 231.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



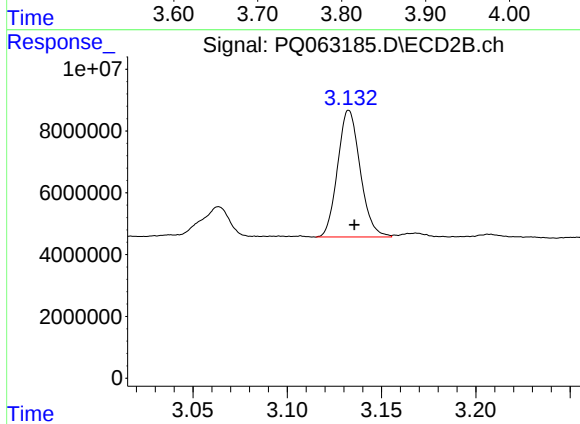
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 9315320
Conc: 246.97 ng/ml



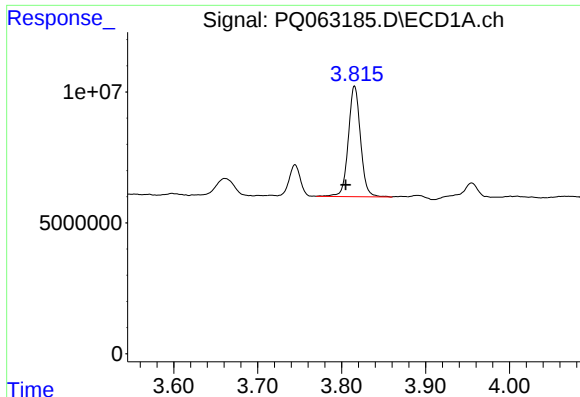
#10 AR-1221-3

R.T.: 3.815 min
Delta R.T.: 0.011 min
Response: 42678531
Conc: 276.54 ng/ml



#10 AR-1221-3

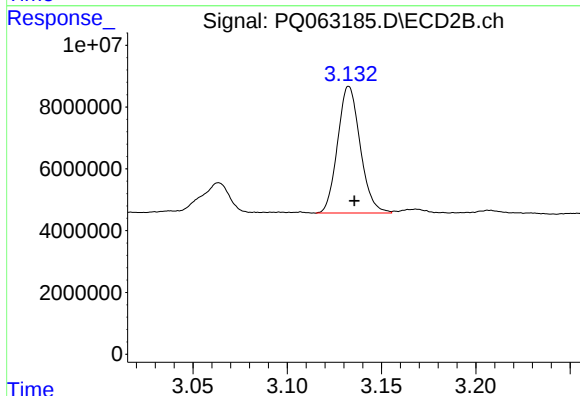
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 34207311
Conc: 284.29 ng/ml



#11 AR-1232-1

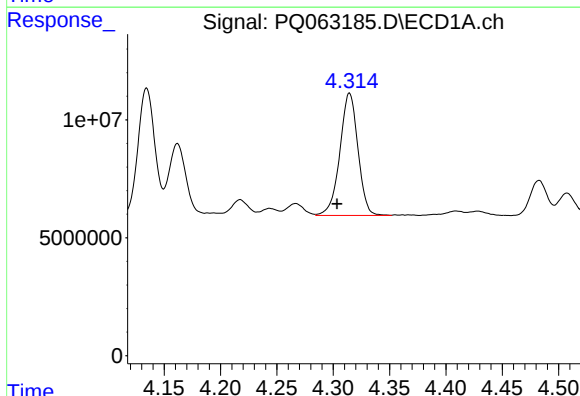
R.T.: 3.815 min
Delta R.T.: 0.011 min
Response: 42678531
Conc: 330.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



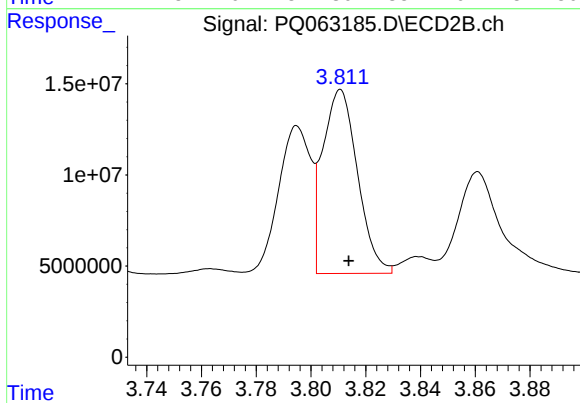
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 34207311
Conc: 351.08 ng/ml



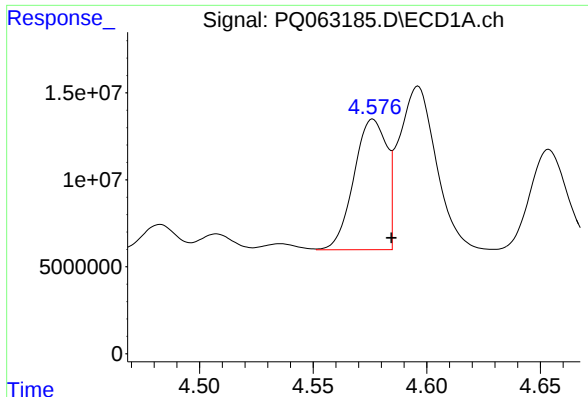
#12 AR-1232-2

R.T.: 4.314 min
Delta R.T.: 0.011 min
Response: 58036479
Conc: 832.13 ng/ml



#12 AR-1232-2

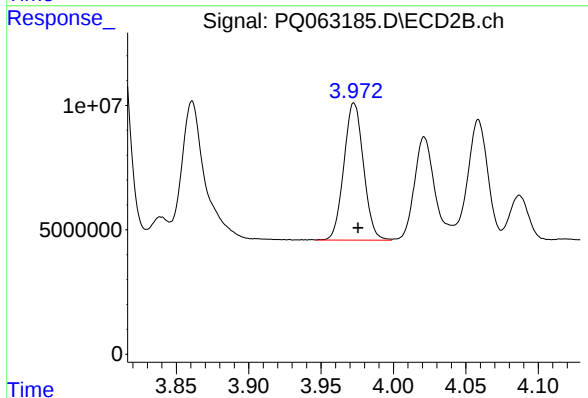
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 89360567
Conc: 918.66 ng/ml



#13 AR-1232-3

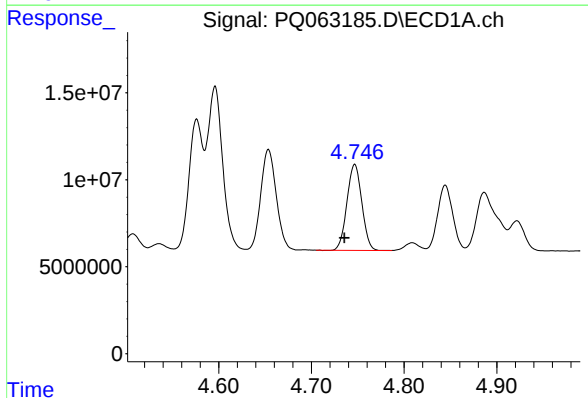
R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 75461909
Conc: 617.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



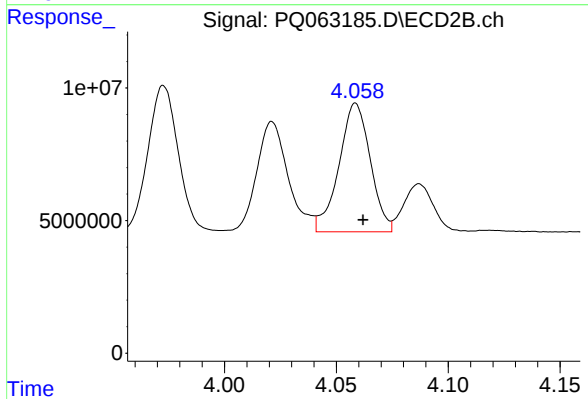
#13 AR-1232-3

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 51885406
Conc: 977.18 ng/ml



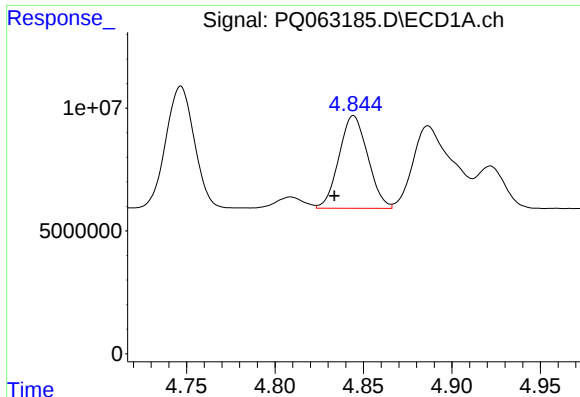
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: 0.011 min
Response: 55047417
Conc: 912.30 ng/ml



#14 AR-1232-4

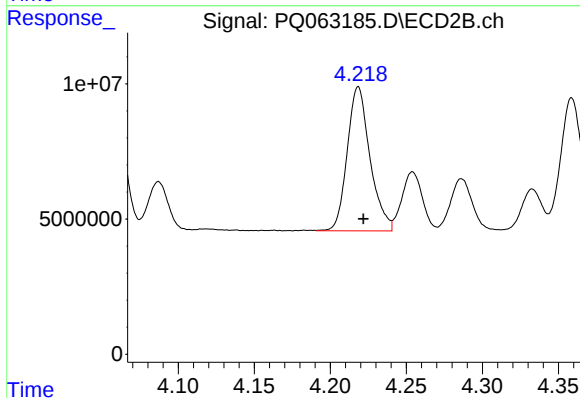
R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 47297462
Conc: 1030.49 ng/ml



#15 AR-1232-5

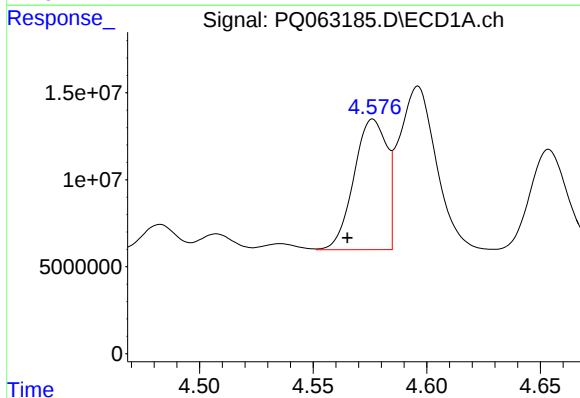
R.T.: 4.844 min
Delta R.T.: 0.011 min
Response: 42673593
Conc: 977.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



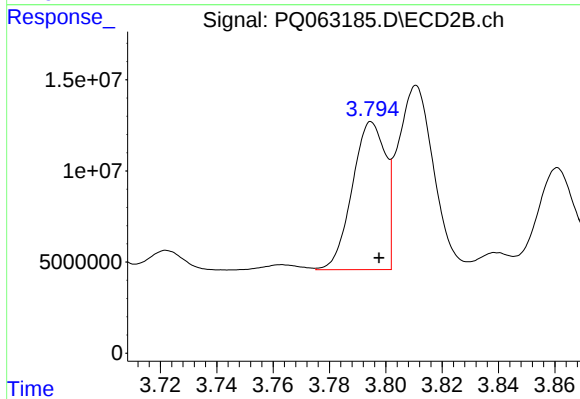
#15 AR-1232-5

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 55583002
Conc: 1025.09 ng/ml



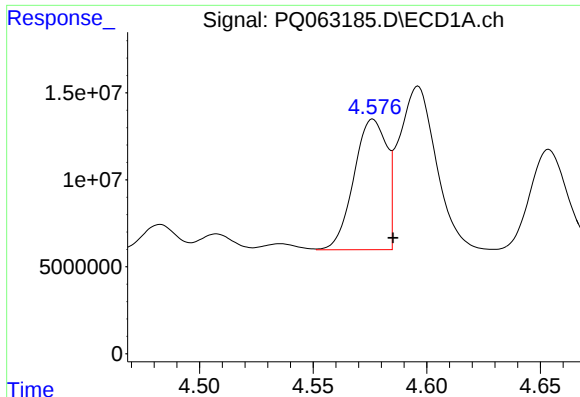
#16 AR-1242-1

R.T.: 4.576 min
Delta R.T.: 0.011 min
Response: 75461909
Conc: 447.11 ng/ml



#16 AR-1242-1

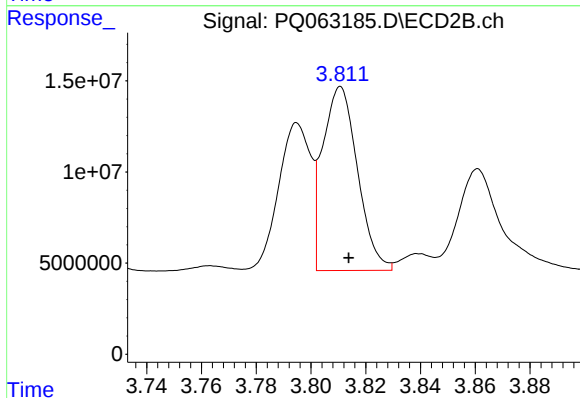
R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 66110703
Conc: 457.77 ng/ml



#17 AR-1242-2

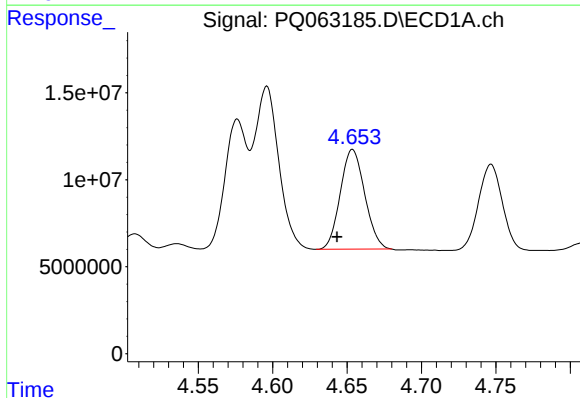
R.T.: 4.576 min
Delta R.T.: -0.009 min
Response: 75461909
Conc: 312.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



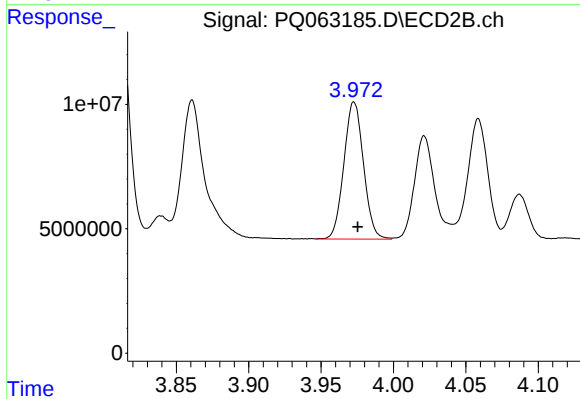
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 89360567
Conc: 470.37 ng/ml



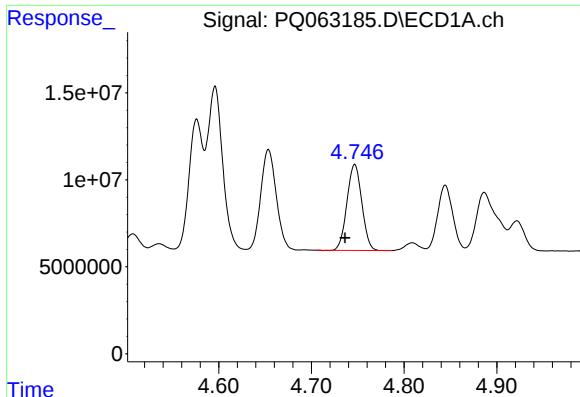
#18 AR-1242-3

R.T.: 4.654 min
Delta R.T.: 0.010 min
Response: 65516047
Conc: 447.27 ng/ml



#18 AR-1242-3

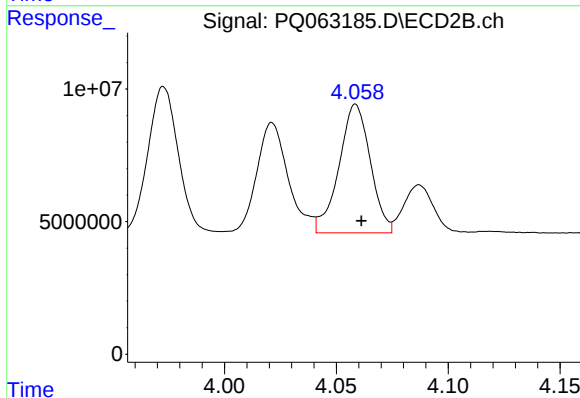
R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 51885406
Conc: 480.74 ng/ml



#19 AR-1242-4

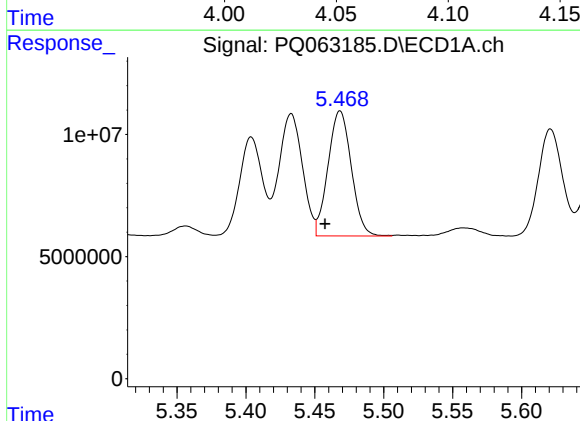
R.T.: 4.747 min
Delta R.T.: 0.010 min
Response: 55047417
Conc: 444.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



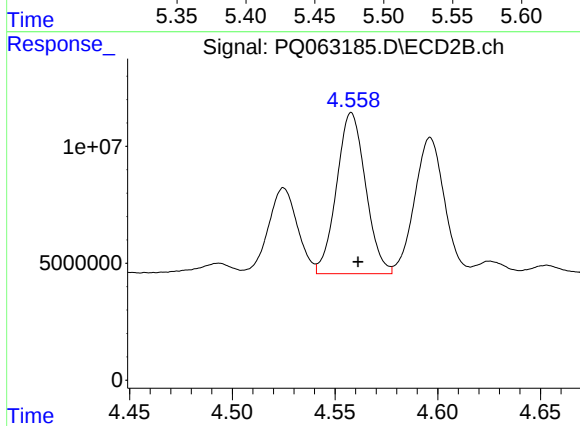
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 47297462
Conc: 474.74 ng/ml



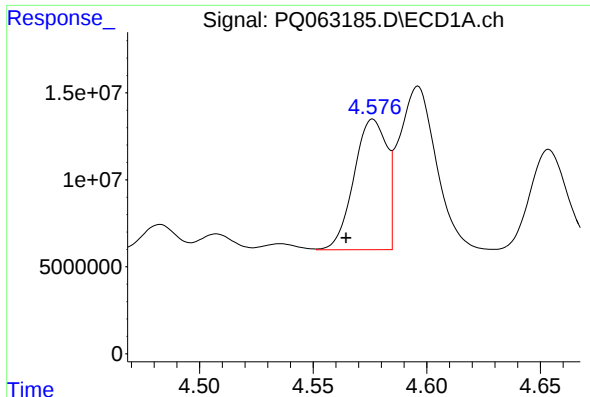
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.011 min
Response: 60056276
Conc: 454.43 ng/ml



#20 AR-1242-5

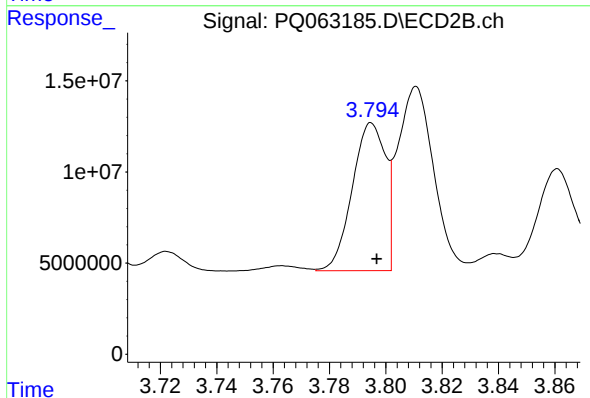
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 67792417
Conc: 501.40 ng/ml



#21 AR-1248-1

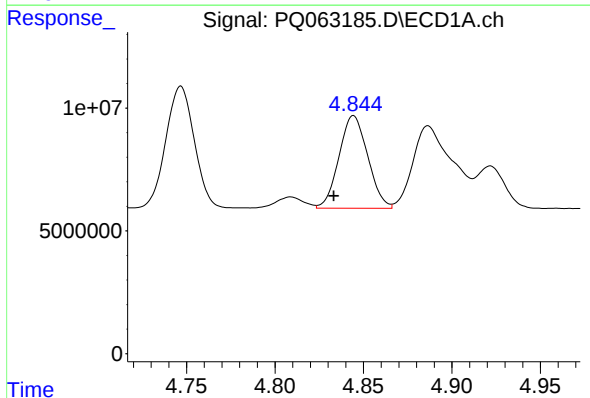
R.T.: 4.576 min
Delta R.T.: 0.012 min
Response: 75461909
Conc: 566.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



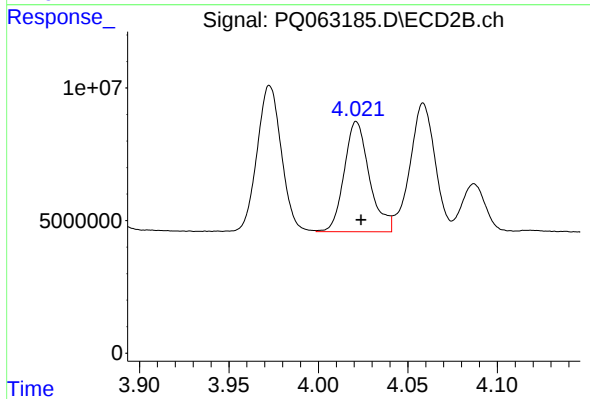
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 66110703
Conc: 591.82 ng/ml



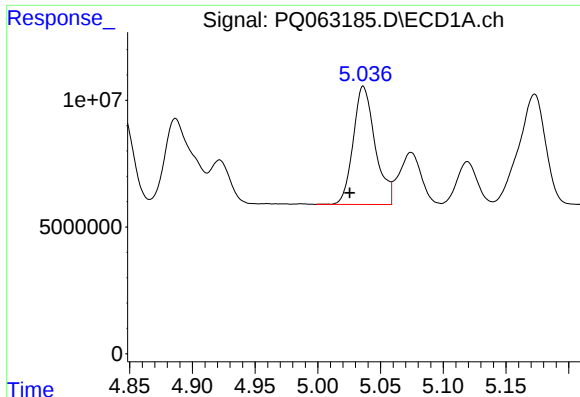
#22 AR-1248-2

R.T.: 4.844 min
Delta R.T.: 0.011 min
Response: 42673593
Conc: 244.19 ng/ml



#22 AR-1248-2

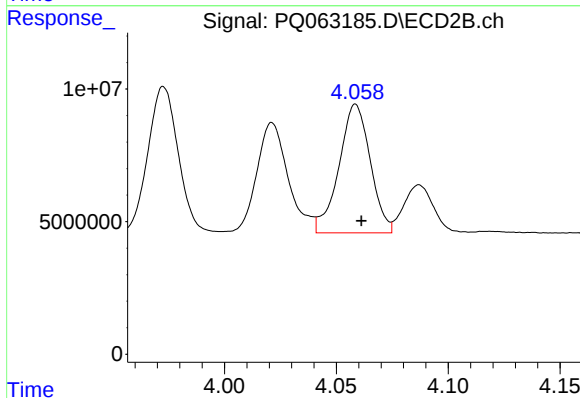
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 40685565
Conc: 257.64 ng/ml



#23 AR-1248-3

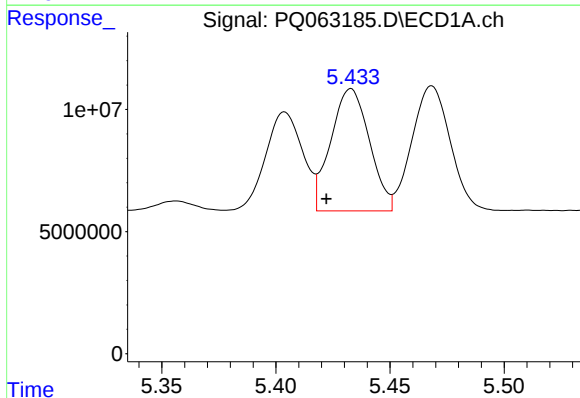
R.T.: 5.036 min
Delta R.T.: 0.011 min
Response: 56829883
Conc: 268.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



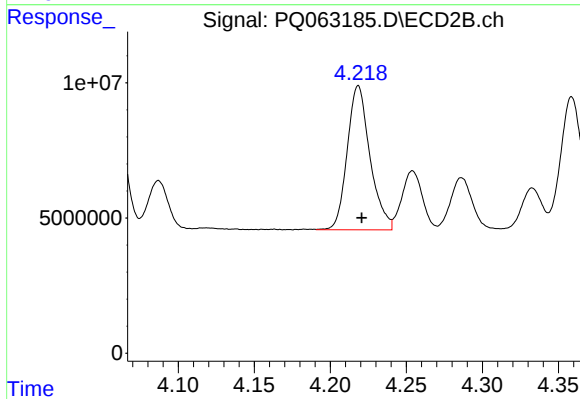
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 47297462
Conc: 310.15 ng/ml



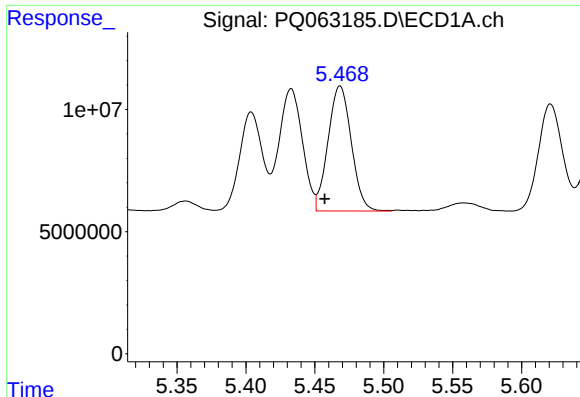
#24 AR-1248-4

R.T.: 5.433 min
Delta R.T.: 0.011 min
Response: 59089502
Conc: 248.00 ng/ml



#24 AR-1248-4

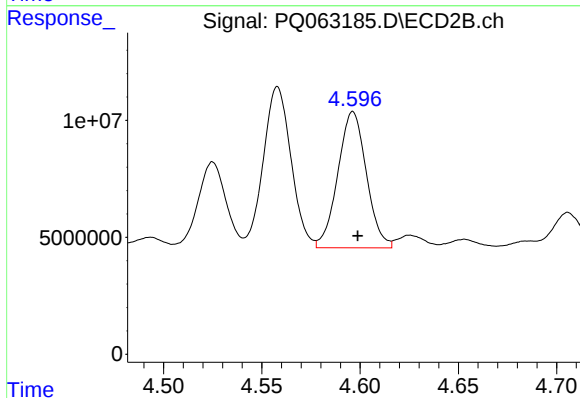
R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 55583002
Conc: 292.29 ng/ml



#25 AR-1248-5

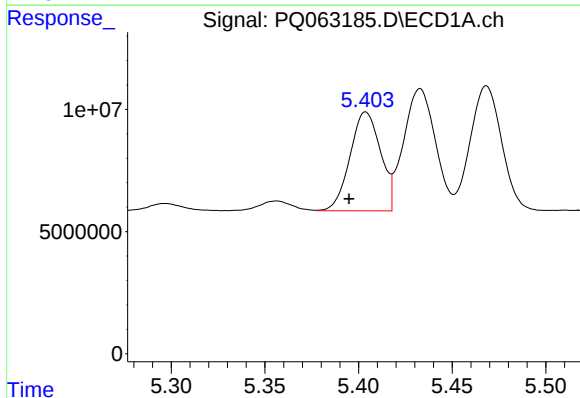
R.T.: 5.468 min
Delta R.T.: 0.011 min
Response: 60056276
Conc: 258.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



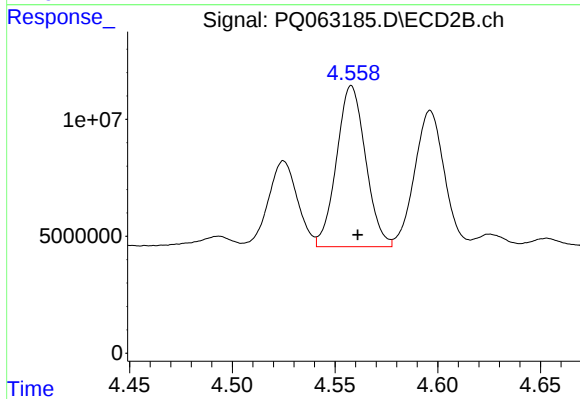
#25 AR-1248-5

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 58966727
Conc: 304.88 ng/ml



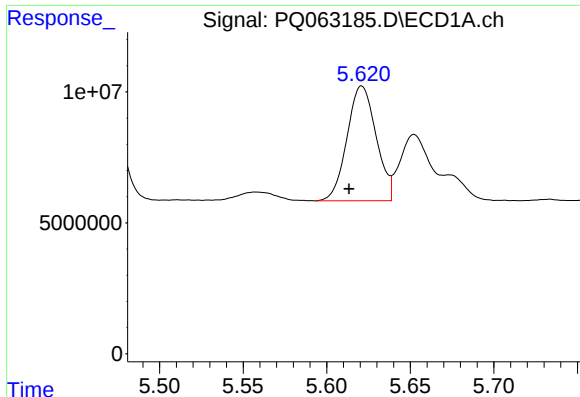
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: 0.009 min
Response: 45932209
Conc: 209.73 ng/ml



#26 AR-1254-1

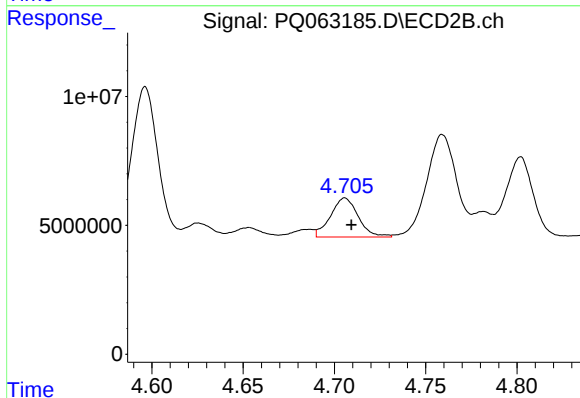
R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 67792417
Conc: 252.66 ng/ml



#27 AR-1254-2

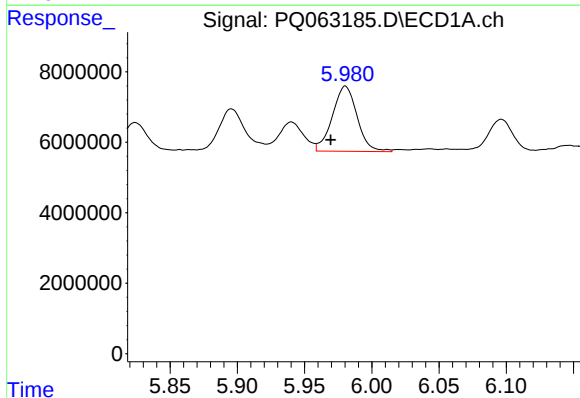
R.T.: 5.621 min
Delta R.T.: 0.008 min
Response: 53056729
Conc: 156.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



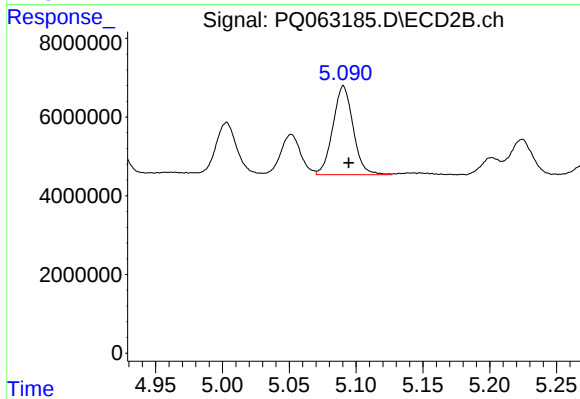
#27 AR-1254-2

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 16034622
Conc: 68.32 ng/ml



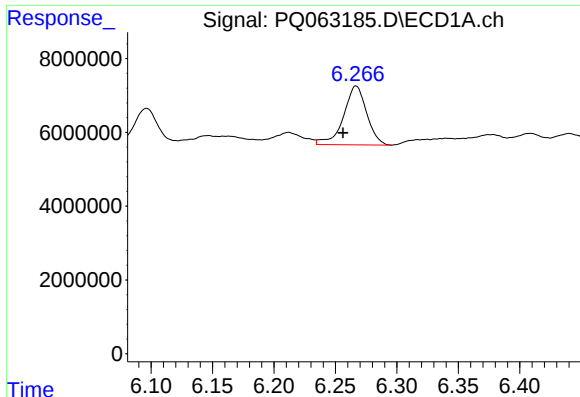
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: 0.011 min
Response: 23684208
Conc: 66.06 ng/ml



#28 AR-1254-3

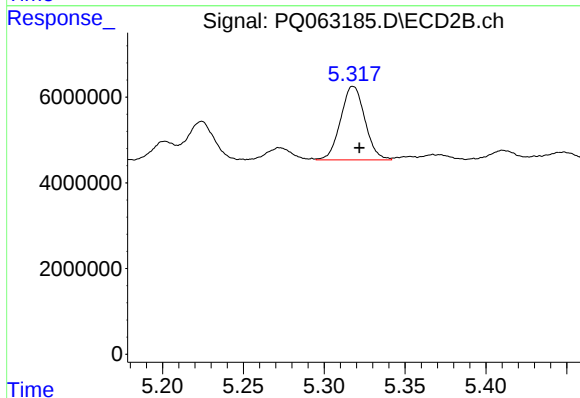
R.T.: 5.091 min
Delta R.T.: -0.004 min
Response: 23808303
Conc: 62.96 ng/ml



#29 AR-1254-4

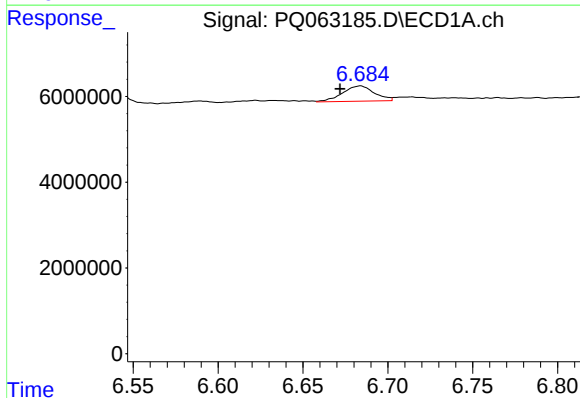
R.T.: 6.267 min
Delta R.T.: 0.011 min
Response: 20931895
Conc: 77.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



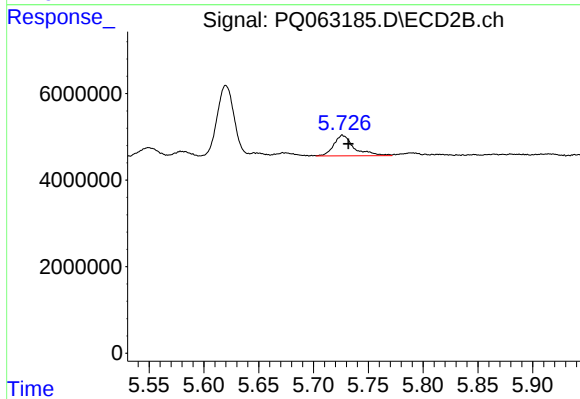
#29 AR-1254-4

R.T.: 5.318 min
Delta R.T.: -0.004 min
Response: 17982609
Conc: 73.61 ng/ml



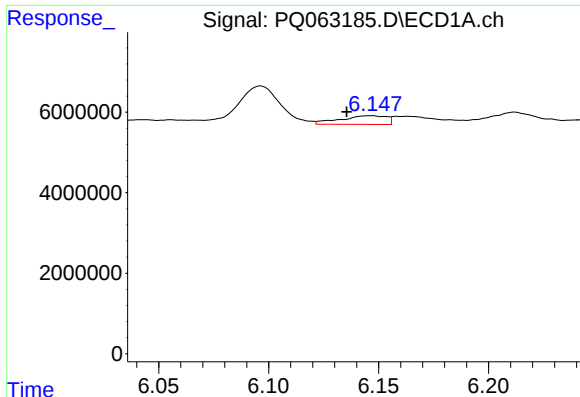
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.012 min
Response: 4679498
Conc: 16.93 ng/ml



#30 AR-1254-5

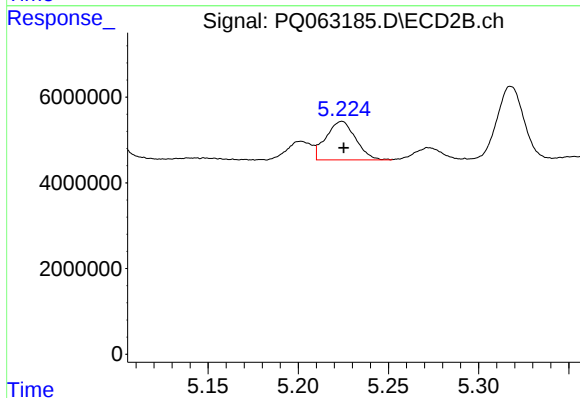
R.T.: 5.727 min
Delta R.T.: -0.005 min
Response: 6213904
Conc: 18.00 ng/ml



#31 AR-1260-1

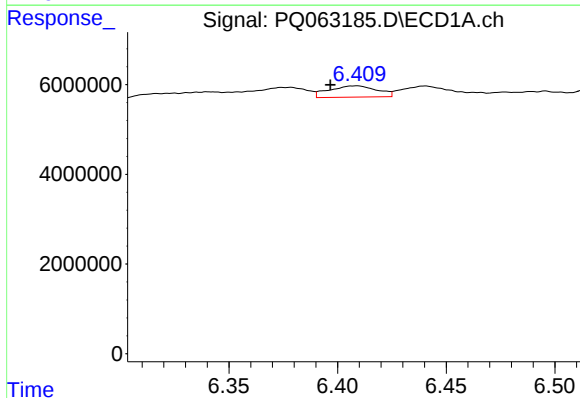
R.T.: 6.147 min
Delta R.T.: 0.011 min
Response: 3150051
Conc: 12.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



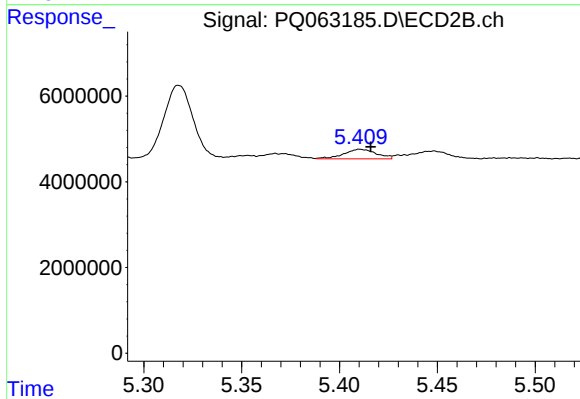
#31 AR-1260-1

R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 10340313
Conc: 41.43 ng/ml



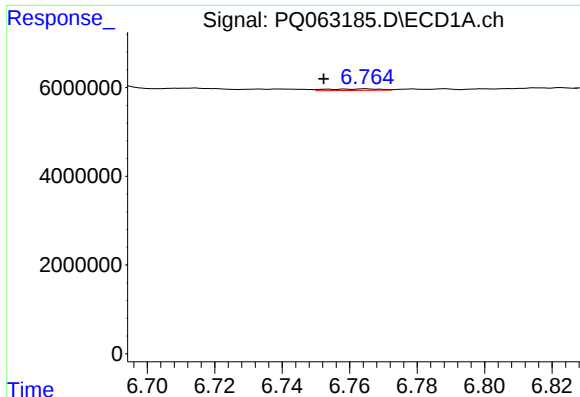
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.012 min
Response: 3857842
Conc: 12.71 ng/ml



#32 AR-1260-2

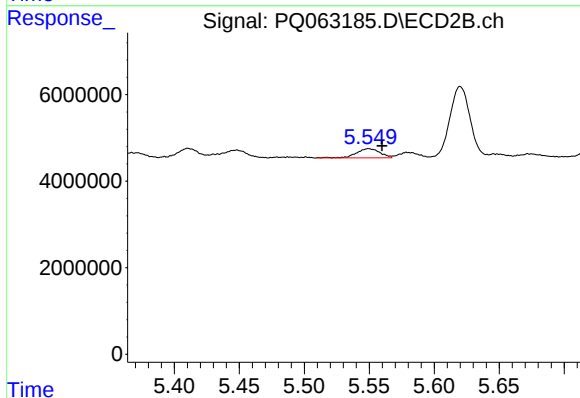
R.T.: 5.411 min
Delta R.T.: -0.005 min
Response: 2601440
Conc: 8.45 ng/ml



#33 AR-1260-3

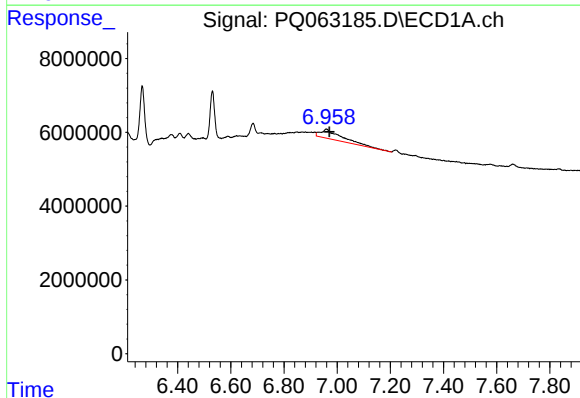
R.T.: 6.765 min
Delta R.T.: 0.012 min
Response: 368249
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



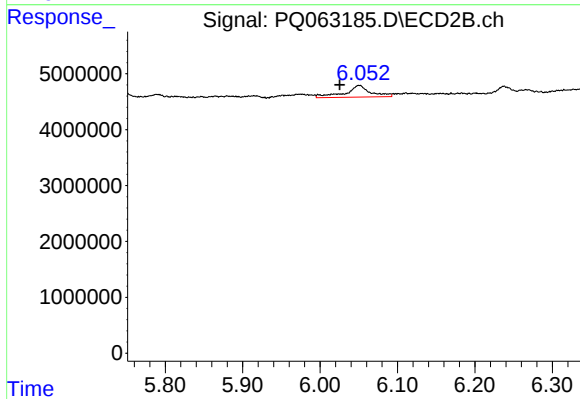
#33 AR-1260-3

R.T.: 5.550 min
Delta R.T.: -0.010 min
Response: 2674798
Conc: 8.63 ng/ml



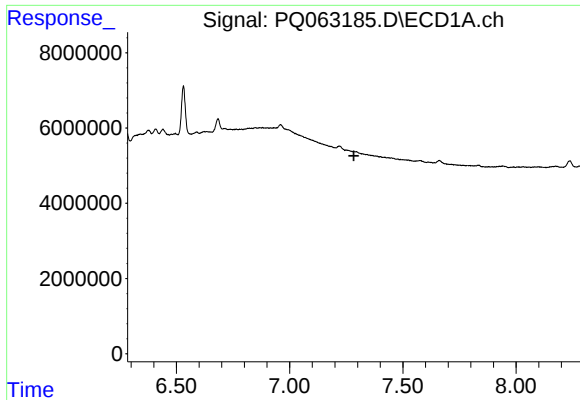
#34 AR-1260-4

R.T.: 6.959 min
Delta R.T.: -0.012 min
Response: 14350107
Conc: 59.88 ng/ml



#34 AR-1260-4

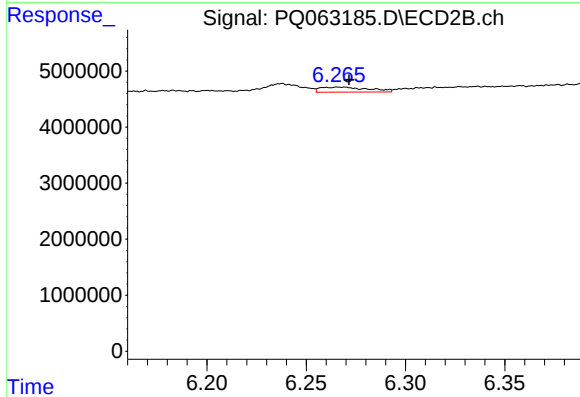
R.T.: 6.051 min
Delta R.T.: 0.025 min
Response: 4755329
Conc: 19.39 ng/ml



#35 AR-1260-5

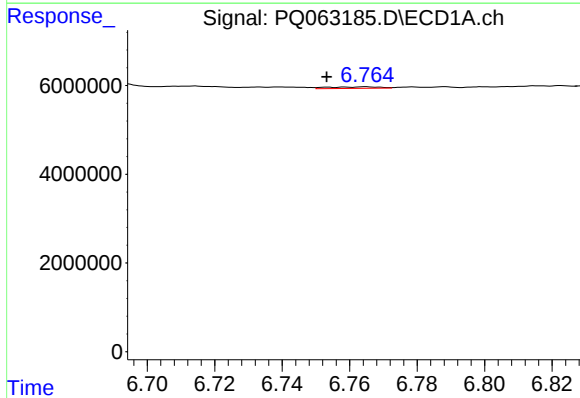
R.T.: 0.000 min
Exp R.T.: 7.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



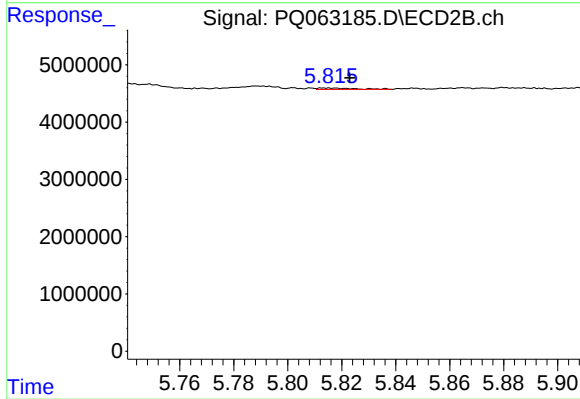
#35 AR-1260-5

R.T.: 6.267 min
Delta R.T.: -0.005 min
Response: 1499201
Conc: 2.74 ng/ml



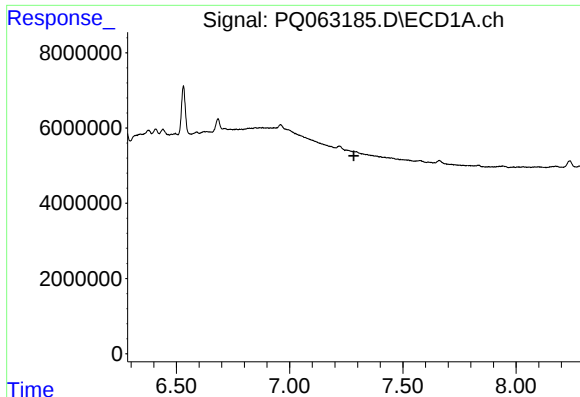
#36 AR-1262-1

R.T.: 6.765 min
Delta R.T.: 0.012 min
Response: 368249
Conc: 1.14 ng/ml



#36 AR-1262-1

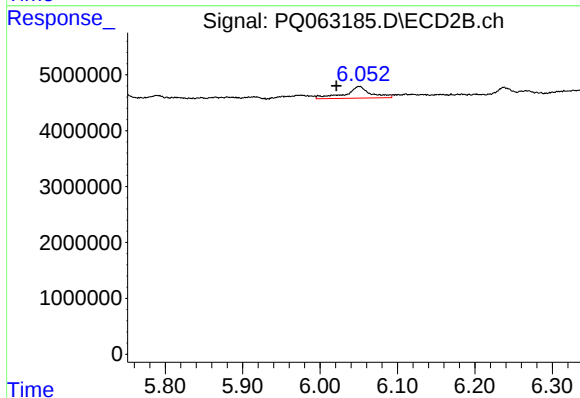
R.T.: 5.814 min
Delta R.T.: -0.009 min
Response: 230185
Conc: 1.61 ng/ml



#37 AR-1262-2

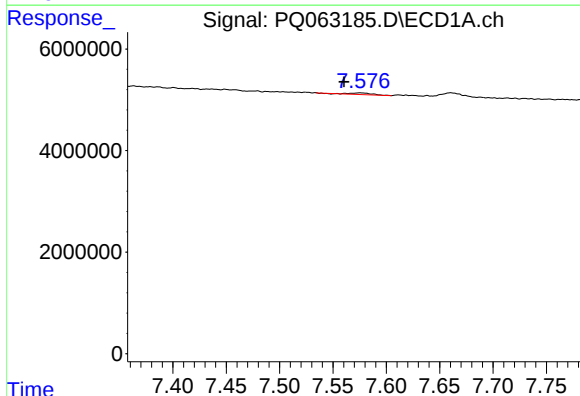
R.T.: 0.000 min
Exp R.T.: 7.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



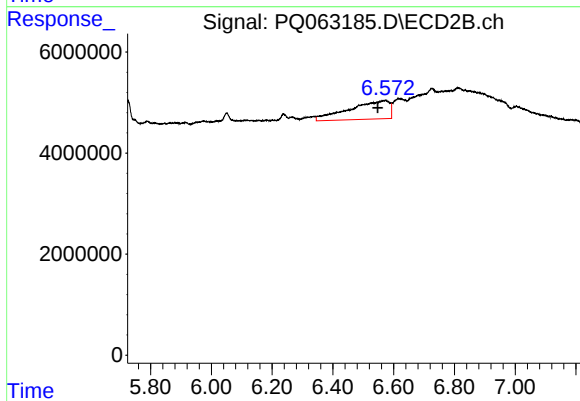
#37 AR-1262-2

R.T.: 6.051 min
Delta R.T.: 0.029 min
Response: 4755329
Conc: 15.22 ng/ml



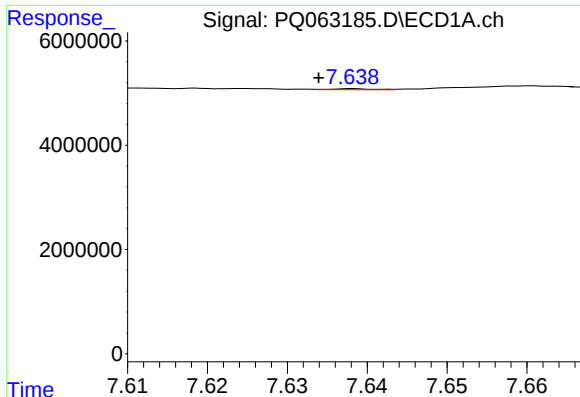
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.015 min
Response: 438636
Conc: 1.21 ng/ml



#38 AR-1262-3

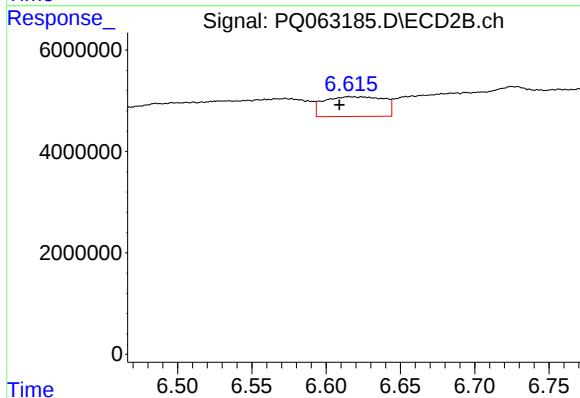
R.T.: 6.573 min
Delta R.T.: 0.024 min
Response: 33569786
Conc: 133.17 ng/ml



#39 AR-1262-4

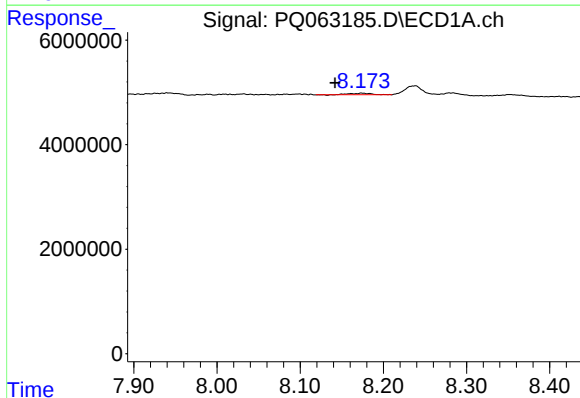
R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 70690
Conc: 0.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



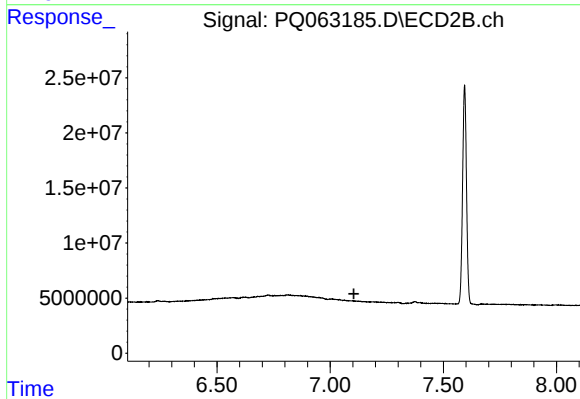
#39 AR-1262-4

R.T.: 6.615 min
Delta R.T.: 0.006 min
Response: 10863291
Conc: 23.24 ng/ml



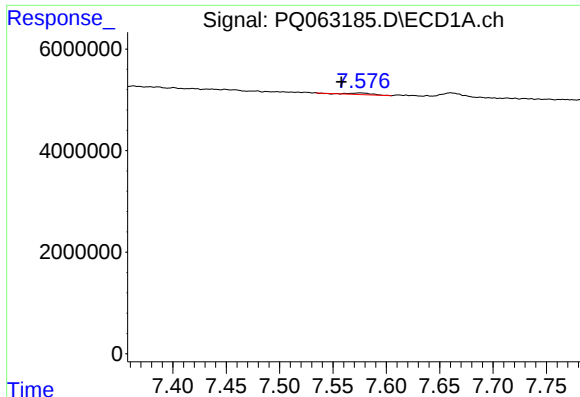
#40 AR-1262-5

R.T.: 8.174 min
Delta R.T.: 0.032 min
Response: 534409
Conc: 2.84 ng/ml



#40 AR-1262-5

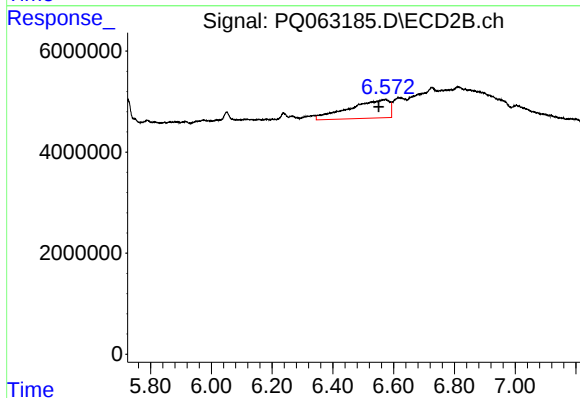
R.T.: 0.000 min
Exp R.T. : 7.105 min
Response: 0
Conc: N.D.



#41 AR-1268-1

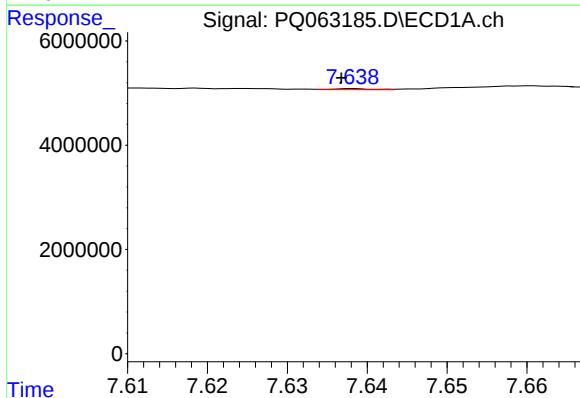
R.T.: 7.576 min
Delta R.T.: 0.018 min
Response: 438636
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



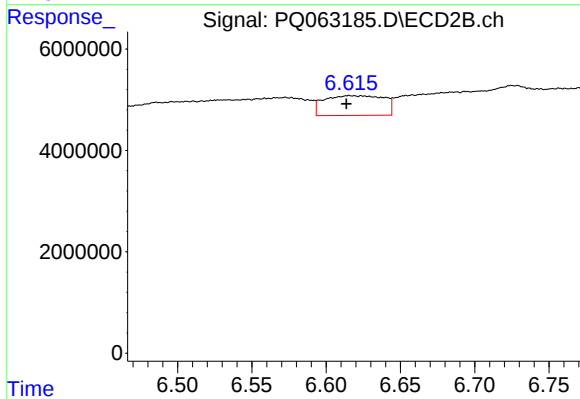
#41 AR-1268-1

R.T.: 6.573 min
Delta R.T.: 0.022 min
Response: 33569786
Conc: 44.98 ng/ml



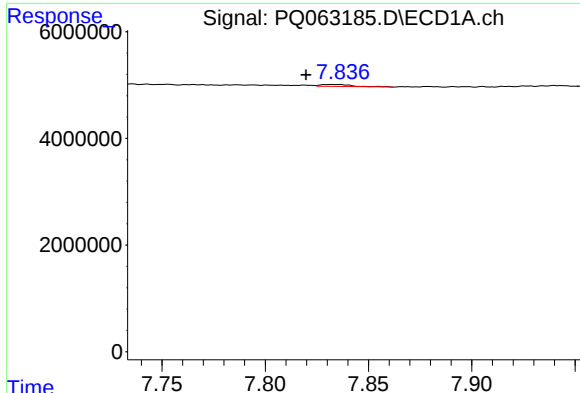
#42 AR-1268-2

R.T.: 7.638 min
Delta R.T.: 0.001 min
Response: 70690
Conc: 0.12 ng/ml



#42 AR-1268-2

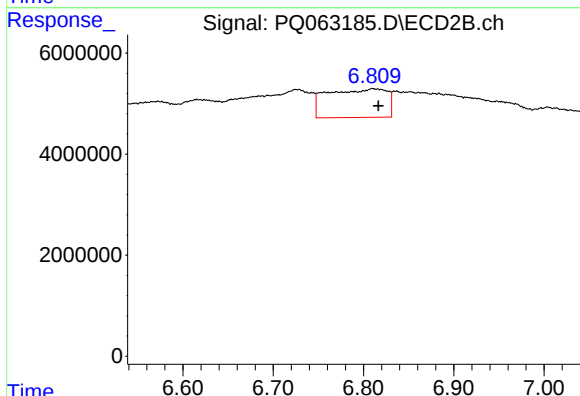
R.T.: 6.615 min
Delta R.T.: 0.002 min
Response: 10863291
Conc: 15.82 ng/ml



#43 AR-1268-3

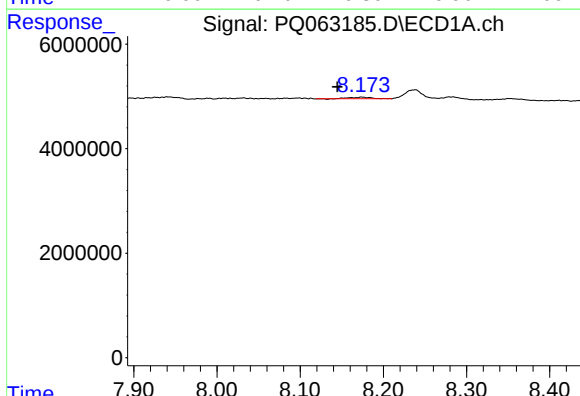
R.T.: 7.832 min
Delta R.T.: 0.013 min
Response: 396264
Conc: 0.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



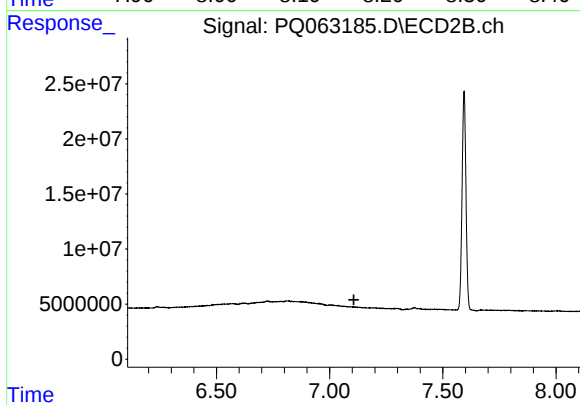
#43 AR-1268-3

R.T.: 6.810 min
Delta R.T.: -0.007 min
Response: 25998198
Conc: 44.30 ng/ml



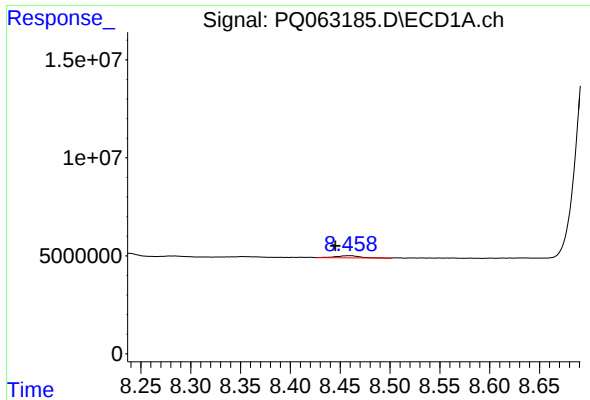
#44 AR-1268-4

R.T.: 8.174 min
Delta R.T.: 0.029 min
Response: 534409
Conc: 2.49 ng/ml



#44 AR-1268-4

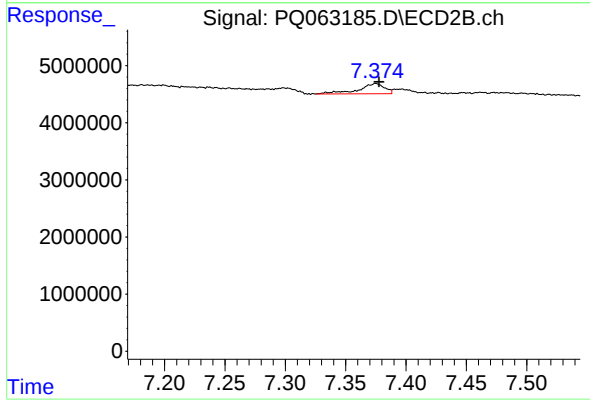
R.T.: 0.000 min
Exp R.T. : 7.107 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.459 min
Delta R.T.: 0.014 min
Response: 1788139
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 2688998
Conc: 1.52 ng/ml