

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
 Data File : PQ052492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 00:25
 Operator : DD\AJ
 Sample : M1458-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:52:31 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	466.8E6	160.4E6	18.376	17.638
2)	SA Decachlor...	11.415	9.586	473.8E6	181.6E6	19.007	18.722
Target Compounds							
3)	L1 AR-1016-1	6.550	5.502	21050738	7002214	24.866	21.671
4)	L1 AR-1016-2	6.574	5.523	31243125	9478112	24.662	20.061
5)	L1 AR-1016-3	6.642	5.715	16173815	5652714	21.641	23.392
6)	L1 AR-1016-4	6.750	5.766	14952130	4530686	23.831	24.631
7)	L1 AR-1016-5	7.063	5.996	14123294	5347012	24.205	22.014
8)	L2 AR-1221-1	5.487	4.505	21181991	519524	84.874	5.755 #
9)	L2 AR-1221-2	5.580	4.598	14232781	4558629	78.574	68.634
10)	L2 AR-1221-3	5.664	4.689	25263190	3593937	43.854	16.221 #
11)	L3 AR-1232-1	5.664	4.689	25263190	3593937	52.568	20.039 #
12)	L3 AR-1232-2	6.255	5.523	15754367	9478112	63.695	49.019
13)	L3 AR-1232-3	6.574	5.715	31243125	5652714	59.232	58.445
14)	L3 AR-1232-4	6.750	5.810	14952130	5479556	58.041	67.929
15)	L3 AR-1232-5	6.843	5.996	14472710	5347012	80.360	59.211 #
16)	L4 AR-1242-1	6.550	5.502	21050738	7002214	32.513	28.453
17)	L4 AR-1242-2	6.574	5.523	31243125	9478112	32.591	26.981
18)	L4 AR-1242-3	6.642	5.715	16173815	5652714	28.210	30.687
19)	L4 AR-1242-4	6.750	5.810	14952130	5479556	31.482	32.518
20)	L4 AR-1242-5	7.530	6.375	2391095	4888892	4.541	20.559 #
21)	L5 AR-1248-1	6.550	5.502	21050738	7002214	43.499	37.758
22)	L5 AR-1248-2	6.843	5.766	14472710	4530686	21.654	18.297
23)	L5 AR-1248-3	7.063	5.810	14123294	5479556	18.244	21.336
24)	L5 AR-1248-4	7.489	5.996	3289230	5347012	3.573	17.156 #
25)	L5 AR-1248-5	7.530	6.416	2391095	1196623	2.617	3.554 #
26)	L6 AR-1254-1	7.461	6.375	11503035	4888892	12.787	9.490 #
27)	L6 AR-1254-2	7.687	6.534	10790438	5139752	7.637	11.486 #
28)	L6 AR-1254-3	8.073	6.975f	10579564	8431644	6.816	11.402 #
29)	L6 AR-1254-4	8.364	7.193	21639239	1558508	18.885	3.121 #
30)	L6 AR-1254-5	8.794	7.622	65911583	20487063	54.200	30.008 #
31)	L7 AR-1260-1	8.237	7.092	36746279	11626041	35.241	24.938 #
32)	L7 AR-1260-2	8.501	7.287	47999519	16065293	37.869	25.070 #
33)	L7 AR-1260-3	8.866	7.444	52229057	14642090	54.995	26.543 #
34)	L7 AR-1260-4	9.110	7.929	41593433	9817507	36.668	20.716 #
35)	L7 AR-1260-5	9.455	8.172	70367870	43859479	29.413	33.317
36)	L8 AR-1262-1	8.866	7.622	52229057	20487063	37.114	57.033 #
37)	L8 AR-1262-2	9.455	8.172	70367870	43859479	25.684	29.658
38)	L8 AR-1262-3	9.786	8.460	14449303	14278821	12.184	24.727 #
39)	L8 AR-1262-4	9.868f	8.523	23965058	24834216	34.067	24.153 #
40)	L8 AR-1262-5	10.603	9.026	18077867	8480521	18.036	17.975
41)	L9 AR-1268-1	9.786	8.460	14449303	14278821	4.612	8.350 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031021\
 Data File : PQ052492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 00:25
 Operator : DD\AJ
 Sample : M1458-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 26 Sample Multiplier: 1

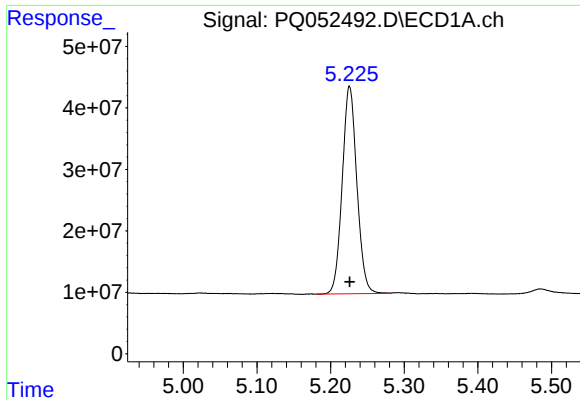
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 02:52:31 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
42) L9	AR-1268-2	9.868f	8.523	23965058	24834216	8.162	16.498 #
44) L9	AR-1268-4	10.603	9.026	18077867	8480521	16.656	16.569
45) L9	AR-1268-5	11.050	9.326	8974408	5662947	0.997	1.460 #

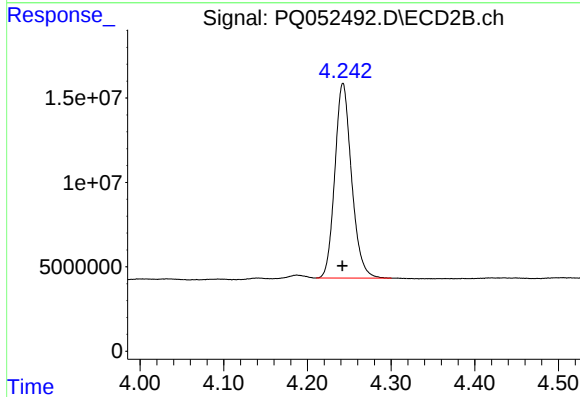
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

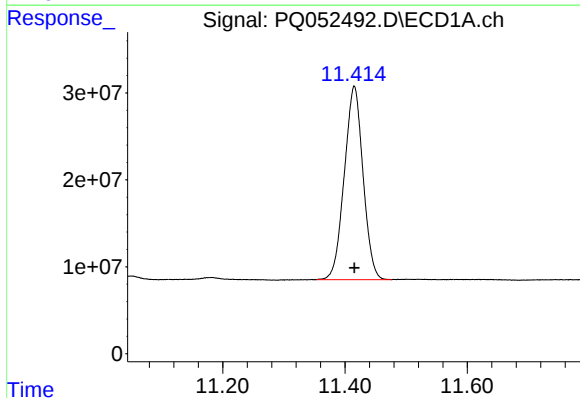
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 466752935
Conc: 18.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



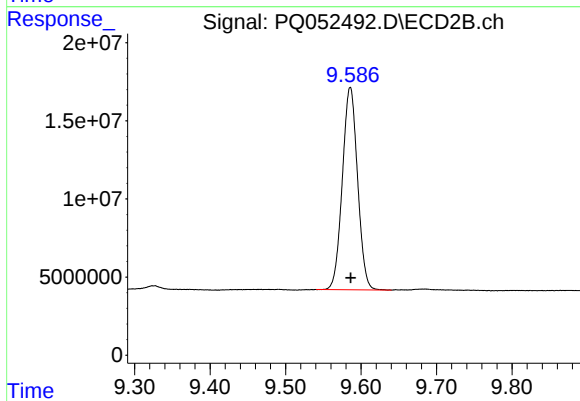
#1 Tetrachloro-m-xylene

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 160448149
Conc: 17.64 ng/ml



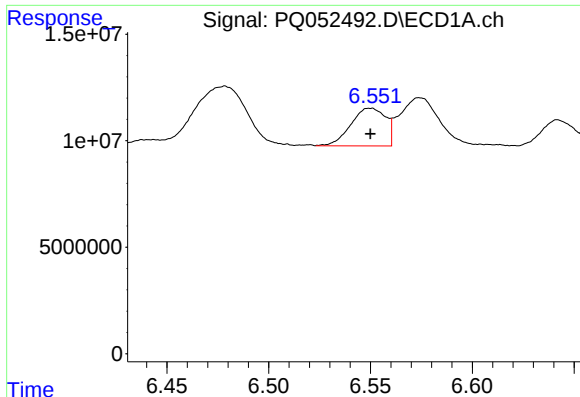
#2 Decachlorobiphenyl

R.T.: 11.415 min
Delta R.T.: 0.000 min
Response: 473841347
Conc: 19.01 ng/ml



#2 Decachlorobiphenyl

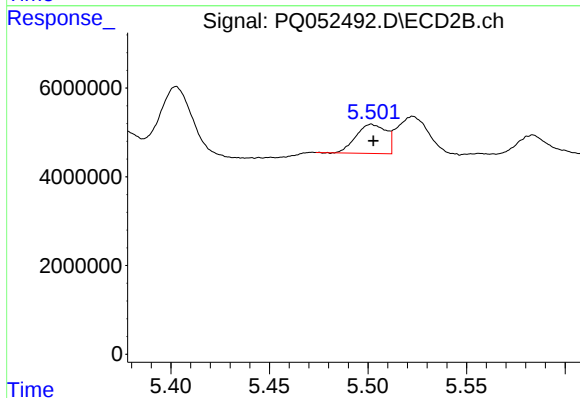
R.T.: 9.586 min
Delta R.T.: 0.000 min
Response: 181589955
Conc: 18.72 ng/ml



#3 AR-1016-1

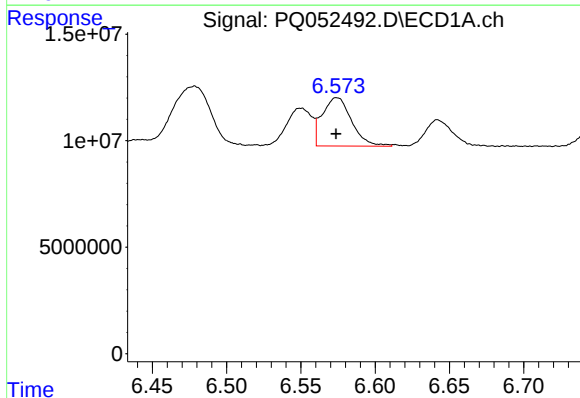
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 21050738
Conc: 24.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



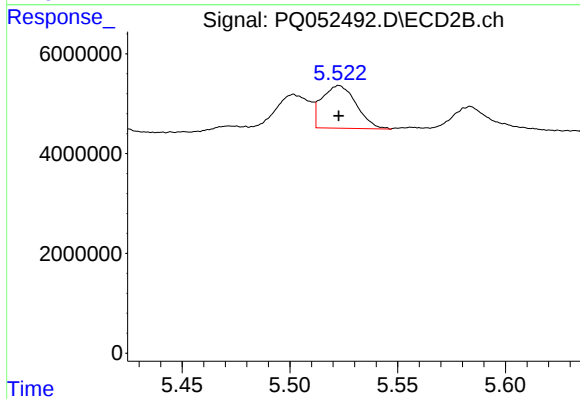
#3 AR-1016-1

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 7002214
Conc: 21.67 ng/ml



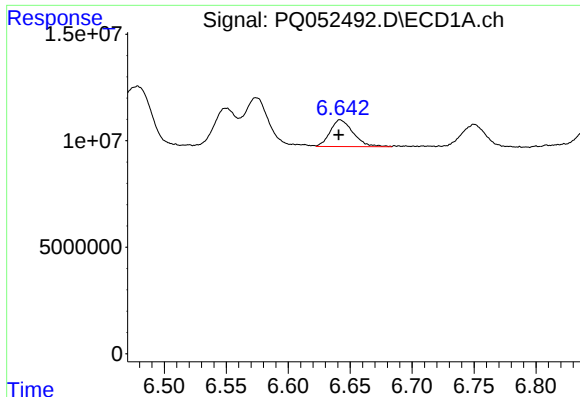
#4 AR-1016-2

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 31243125
Conc: 24.66 ng/ml



#4 AR-1016-2

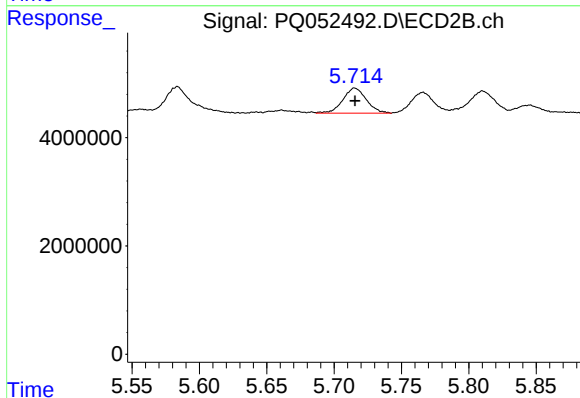
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 9478112
Conc: 20.06 ng/ml



#5 AR-1016-3

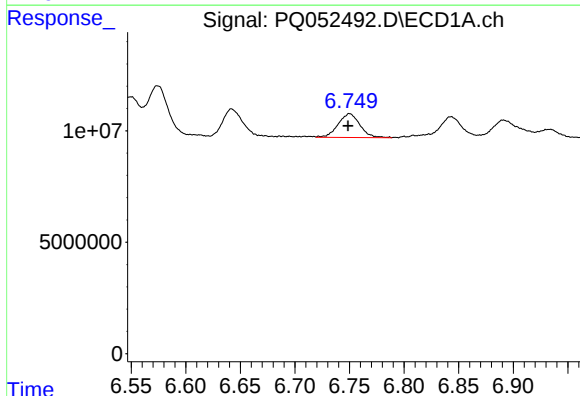
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 16173815
Conc: 21.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



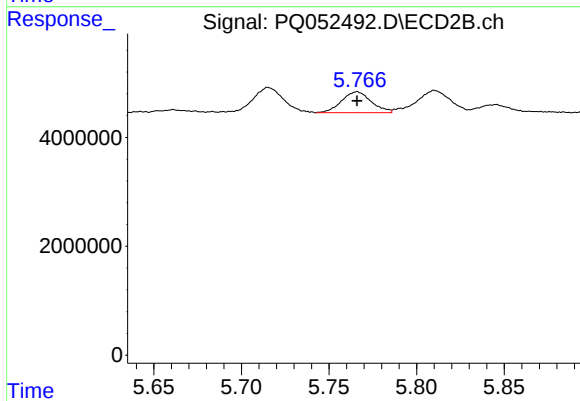
#5 AR-1016-3

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 5652714
Conc: 23.39 ng/ml



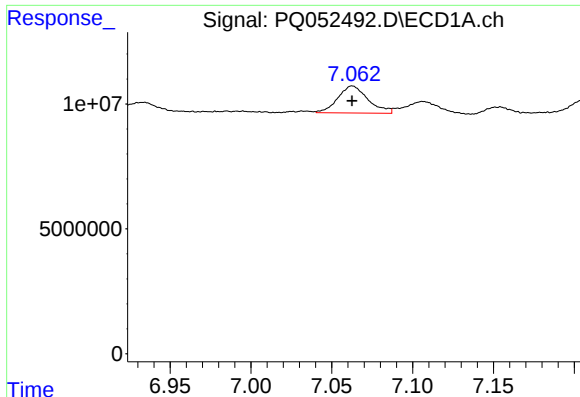
#6 AR-1016-4

R.T.: 6.750 min
Delta R.T.: 0.001 min
Response: 14952130
Conc: 23.83 ng/ml



#6 AR-1016-4

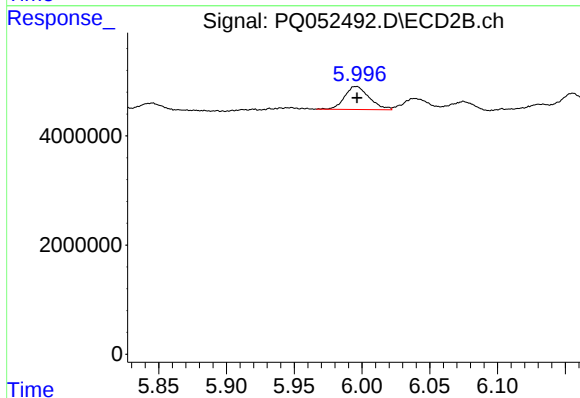
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 4530686
Conc: 24.63 ng/ml



#7 AR-1016-5

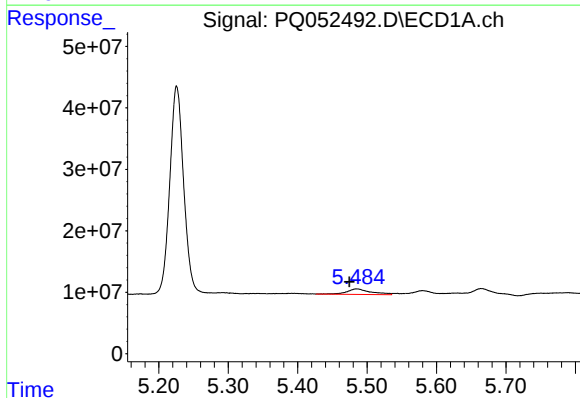
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 14123294
Conc: 24.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



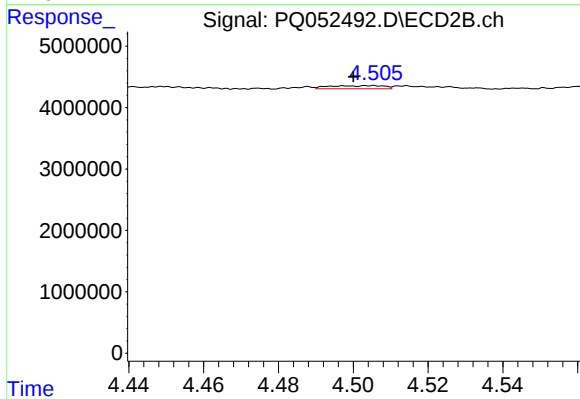
#7 AR-1016-5

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 5347012
Conc: 22.01 ng/ml



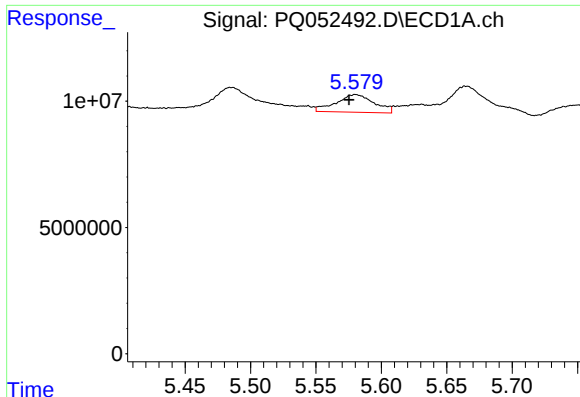
#8 AR-1221-1

R.T.: 5.487 min
Delta R.T.: 0.012 min
Response: 21181991
Conc: 84.87 ng/ml



#8 AR-1221-1

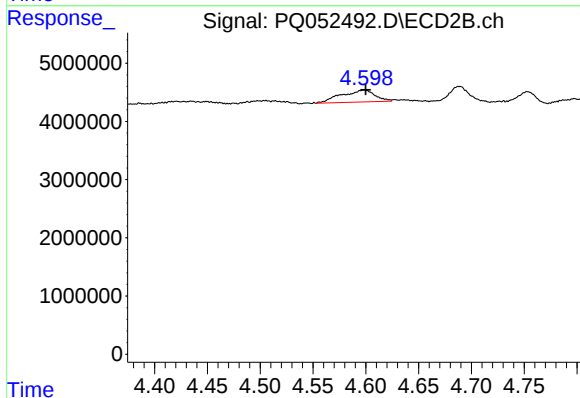
R.T.: 4.505 min
Delta R.T.: 0.005 min
Response: 519524
Conc: 5.76 ng/ml



#9 AR-1221-2

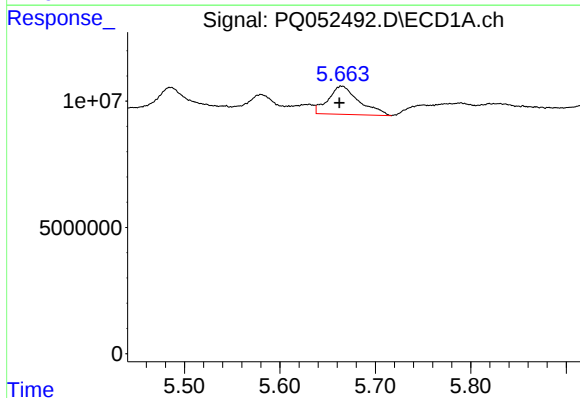
R.T.: 5.580 min
Delta R.T.: 0.005 min
Response: 14232781
Conc: 78.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



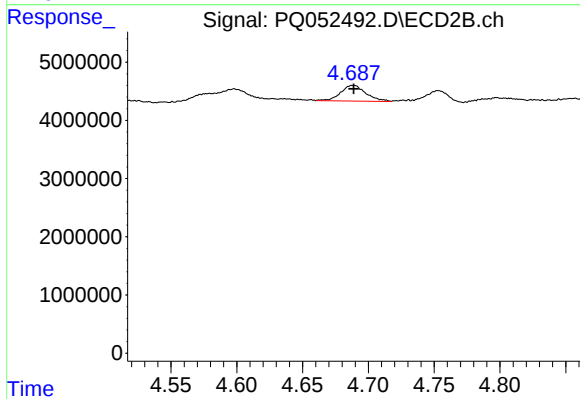
#9 AR-1221-2

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 4558629
Conc: 68.63 ng/ml



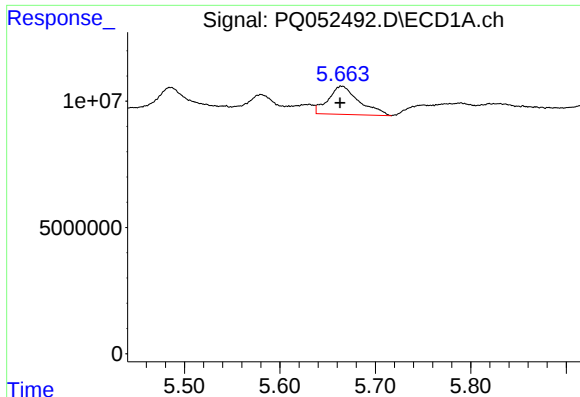
#10 AR-1221-3

R.T.: 5.664 min
Delta R.T.: 0.002 min
Response: 25263190
Conc: 43.85 ng/ml



#10 AR-1221-3

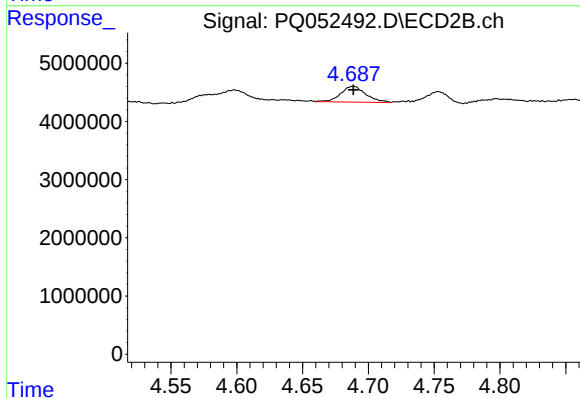
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 3593937
Conc: 16.22 ng/ml



#11 AR-1232-1

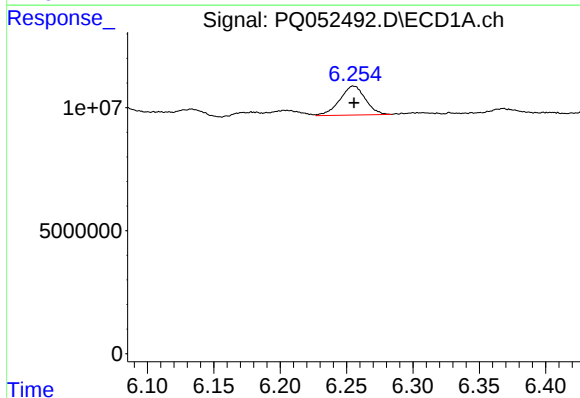
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 25263190
Conc: 52.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



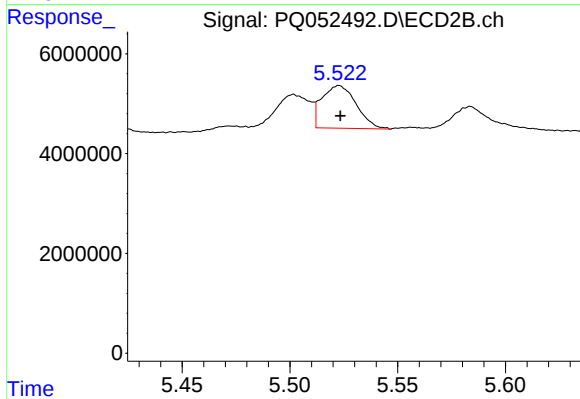
#11 AR-1232-1

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 3593937
Conc: 20.04 ng/ml



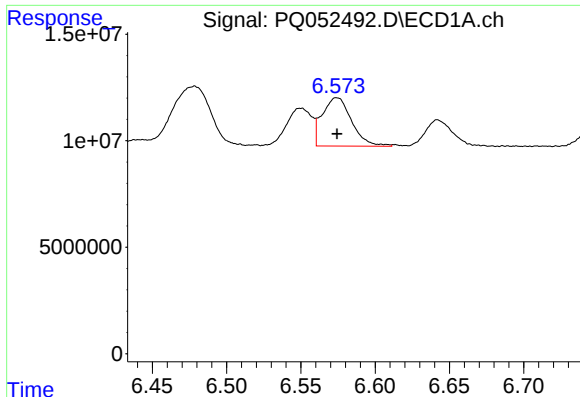
#12 AR-1232-2

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 15754367
Conc: 63.70 ng/ml



#12 AR-1232-2

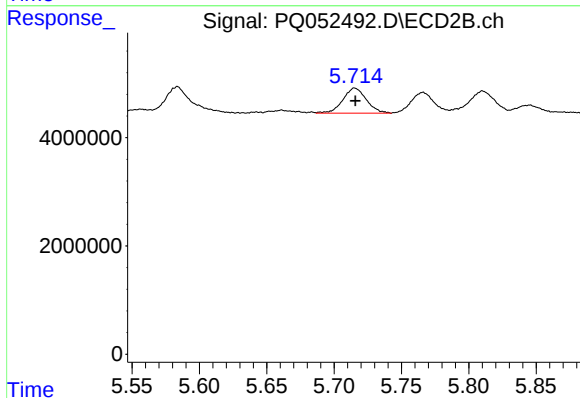
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 9478112
Conc: 49.02 ng/ml



#13 AR-1232-3

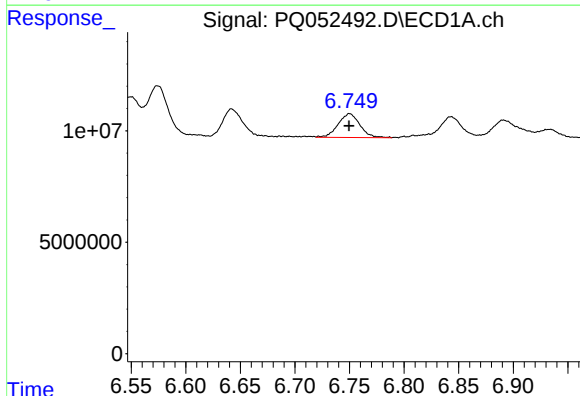
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 31243125
Conc: 59.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



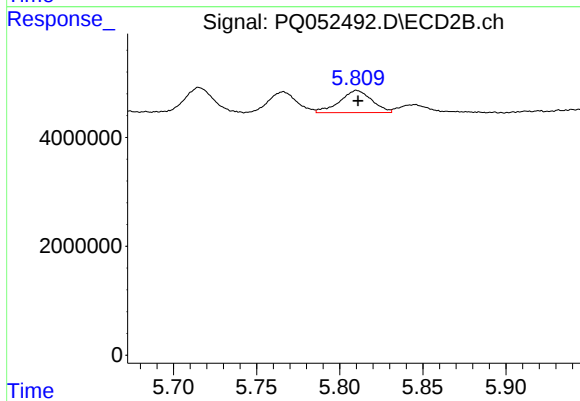
#13 AR-1232-3

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 5652714
Conc: 58.44 ng/ml



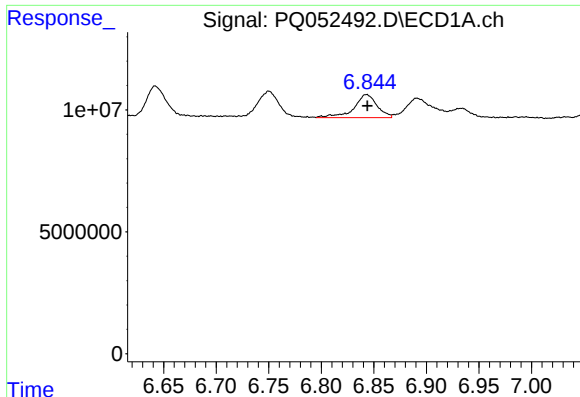
#14 AR-1232-4

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 14952130
Conc: 58.04 ng/ml



#14 AR-1232-4

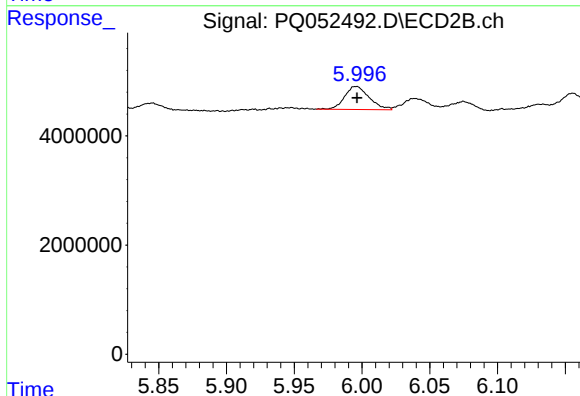
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 5479556
Conc: 67.93 ng/ml



#15 AR-1232-5

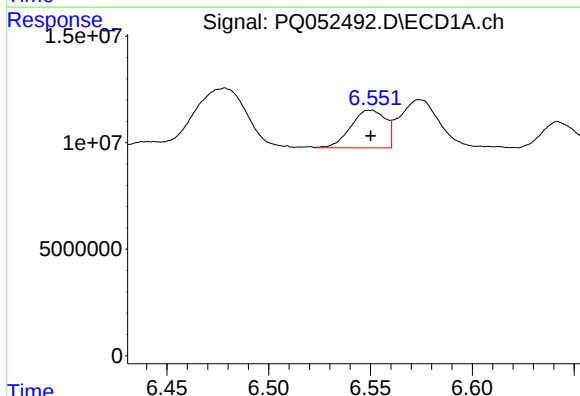
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 14472710
Conc: 80.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



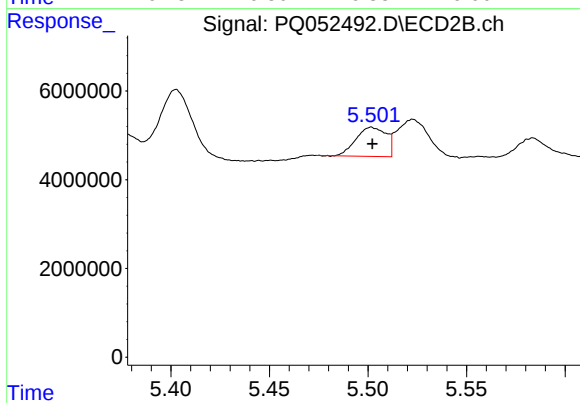
#15 AR-1232-5

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 5347012
Conc: 59.21 ng/ml



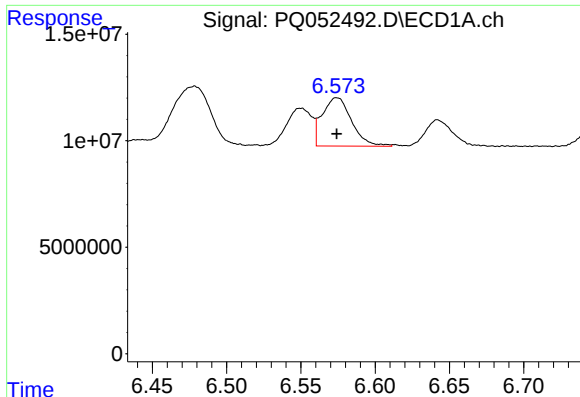
#16 AR-1242-1

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 21050738
Conc: 32.51 ng/ml



#16 AR-1242-1

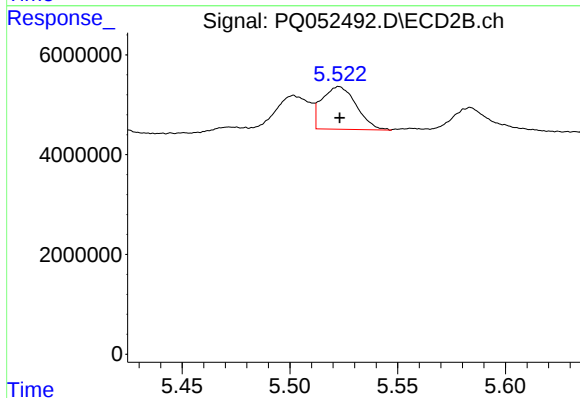
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 7002214
Conc: 28.45 ng/ml



#17 AR-1242-2

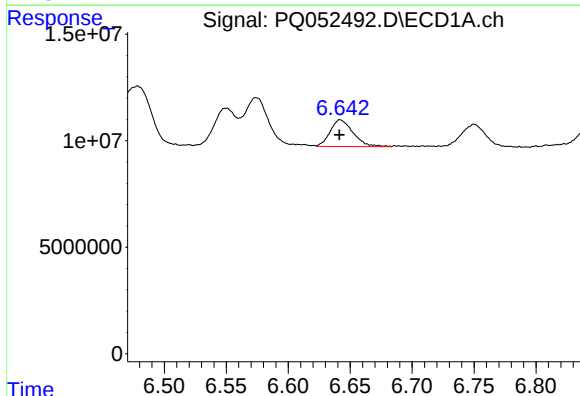
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 31243125
Conc: 32.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



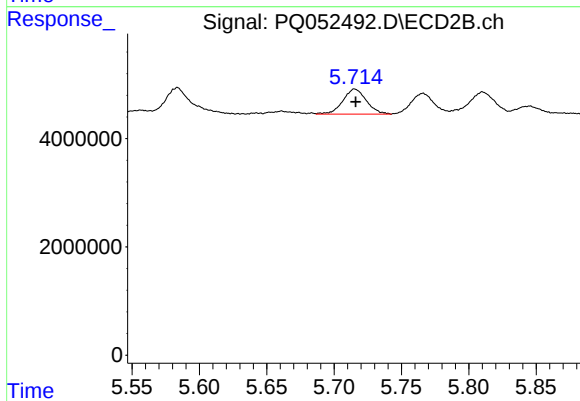
#17 AR-1242-2

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 9478112
Conc: 26.98 ng/ml



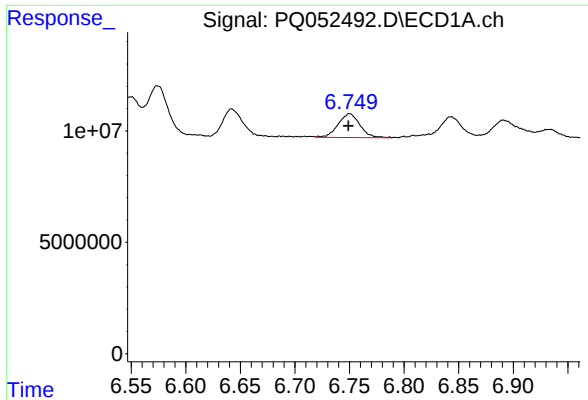
#18 AR-1242-3

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 16173815
Conc: 28.21 ng/ml



#18 AR-1242-3

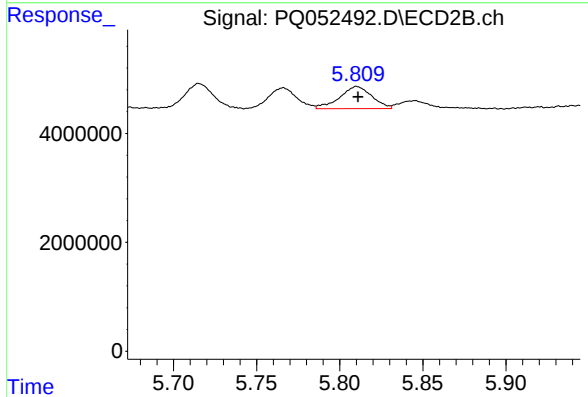
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 5652714
Conc: 30.69 ng/ml



#19 AR-1242-4

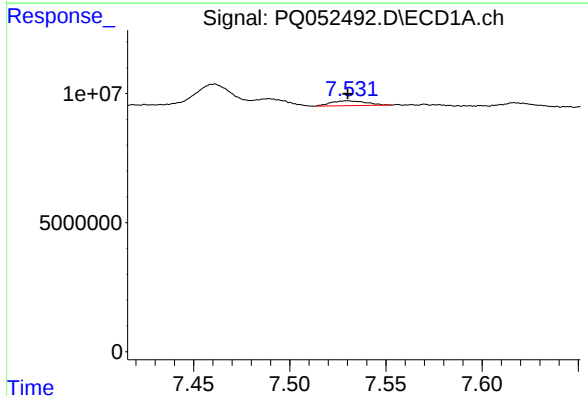
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 14952130
Conc: 31.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



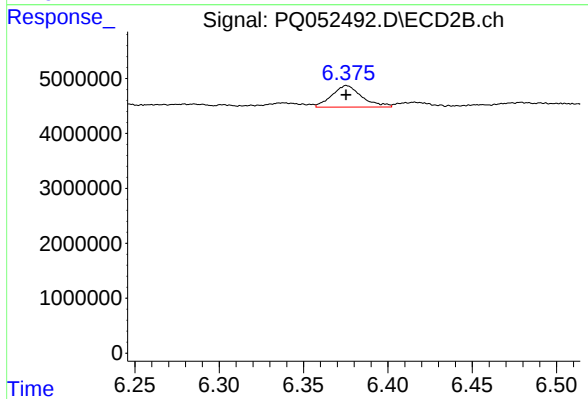
#19 AR-1242-4

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 5479556
Conc: 32.52 ng/ml



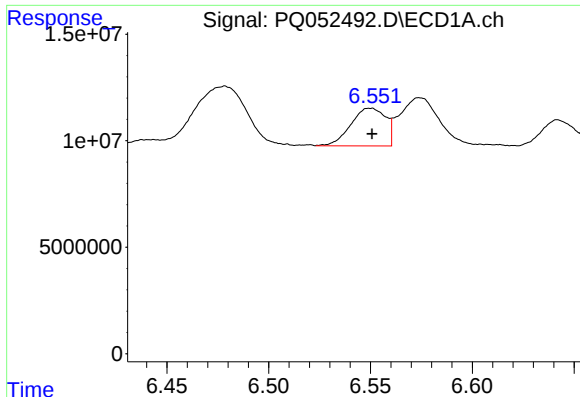
#20 AR-1242-5

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 2391095
Conc: 4.54 ng/ml



#20 AR-1242-5

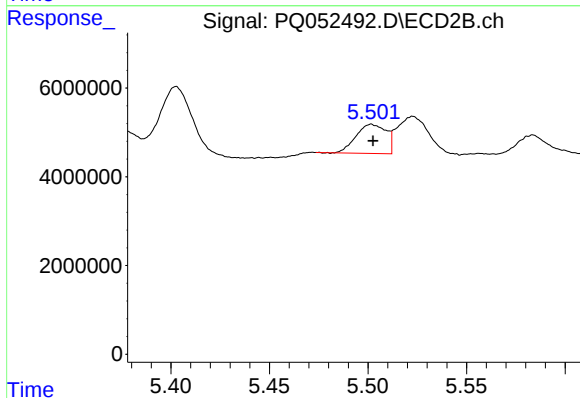
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 4888892
Conc: 20.56 ng/ml



#21 AR-1248-1

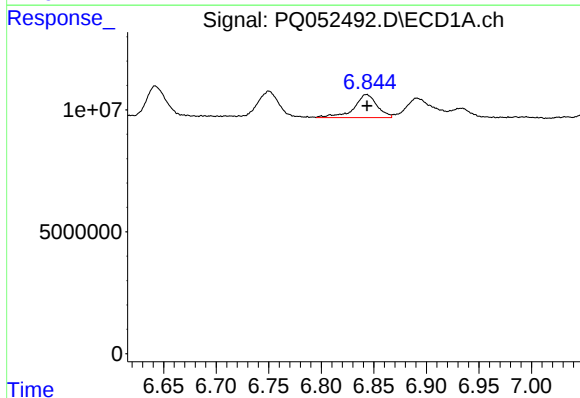
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 21050738
Conc: 43.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



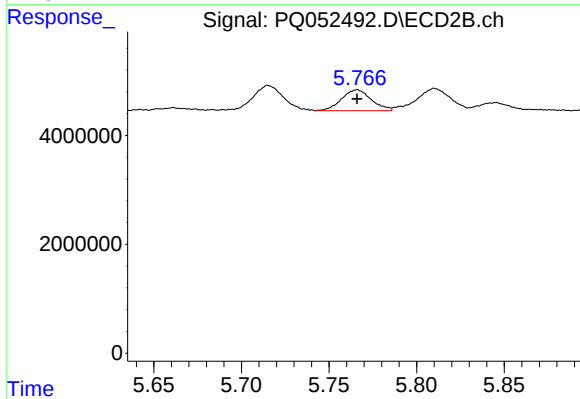
#21 AR-1248-1

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 7002214
Conc: 37.76 ng/ml



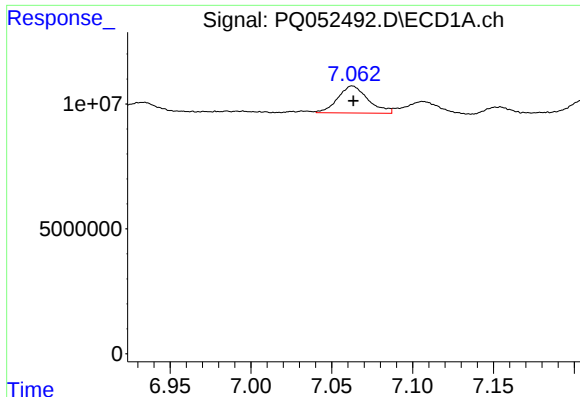
#22 AR-1248-2

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 14472710
Conc: 21.65 ng/ml



#22 AR-1248-2

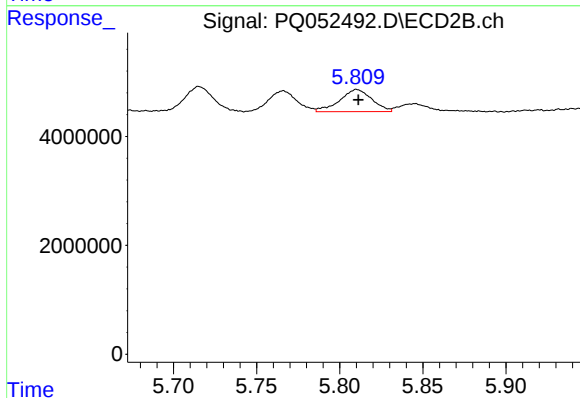
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 4530686
Conc: 18.30 ng/ml



#23 AR-1248-3

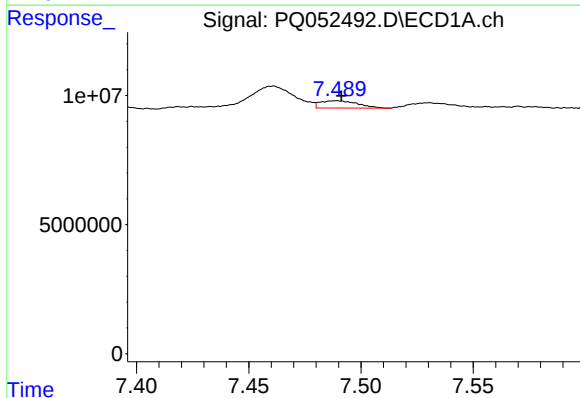
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 14123294
Conc: 18.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



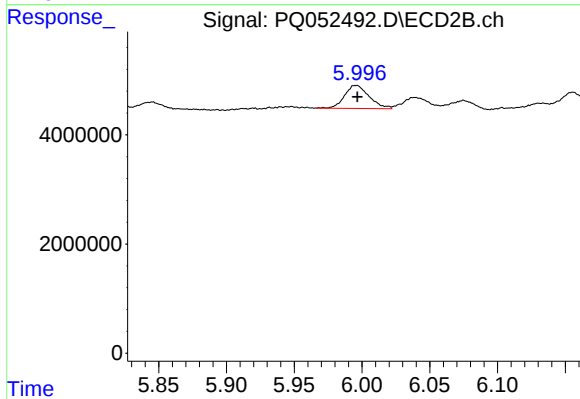
#23 AR-1248-3

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 5479556
Conc: 21.34 ng/ml



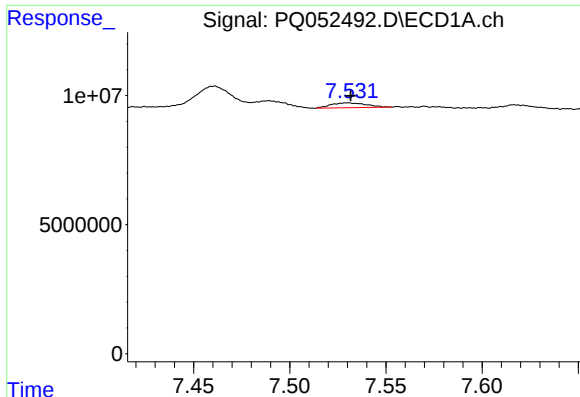
#24 AR-1248-4

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 3289230
Conc: 3.57 ng/ml



#24 AR-1248-4

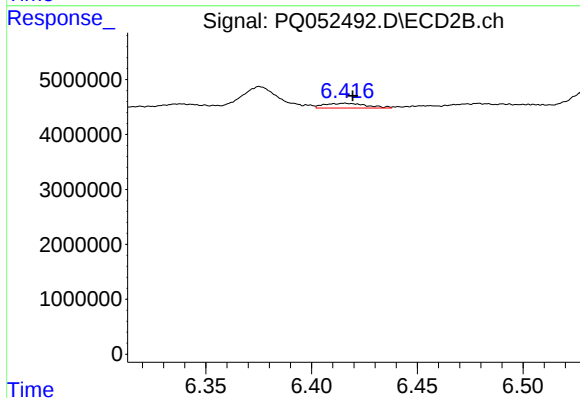
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 5347012
Conc: 17.16 ng/ml



#25 AR-1248-5

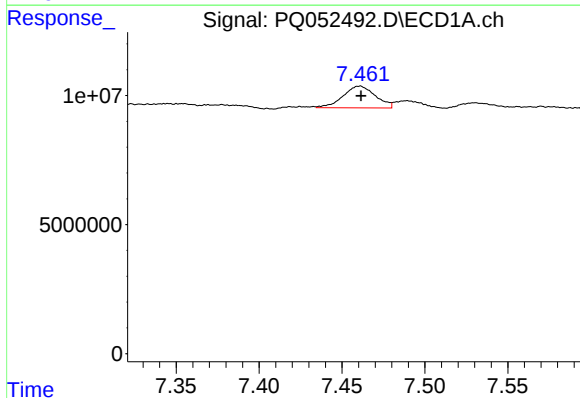
R.T.: 7.530 min
Delta R.T.: -0.001 min
Response: 2391095
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



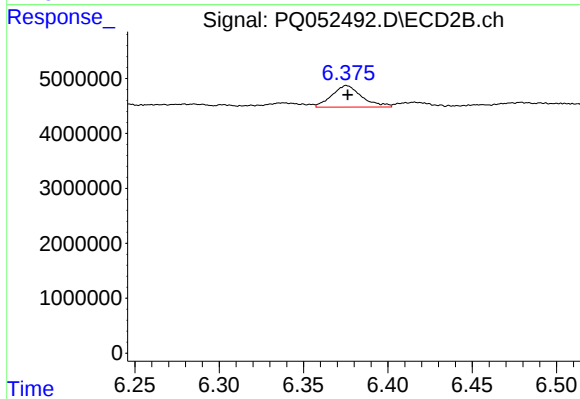
#25 AR-1248-5

R.T.: 6.416 min
Delta R.T.: -0.004 min
Response: 1196623
Conc: 3.55 ng/ml



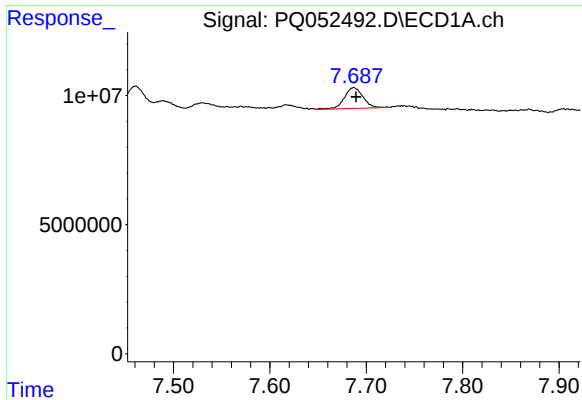
#26 AR-1254-1

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 11503035
Conc: 12.79 ng/ml



#26 AR-1254-1

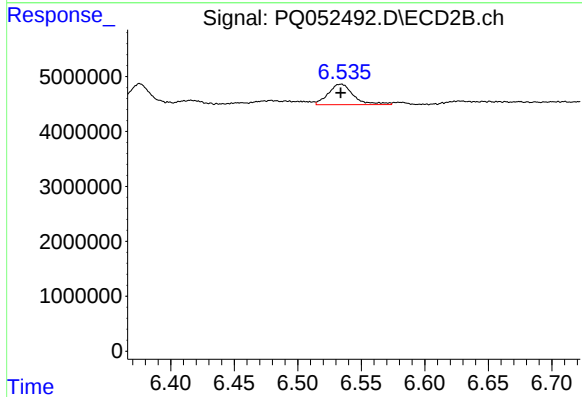
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 4888892
Conc: 9.49 ng/ml



#27 AR-1254-2

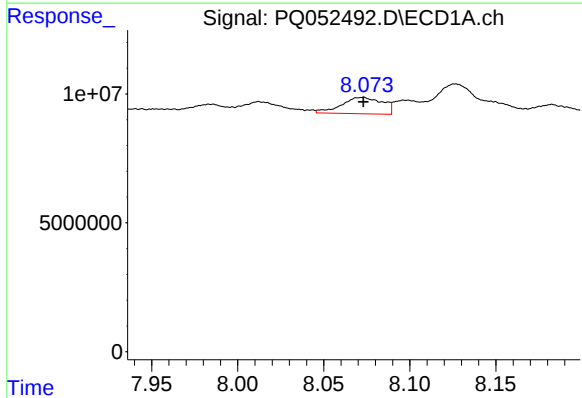
R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 10790438
Conc: 7.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



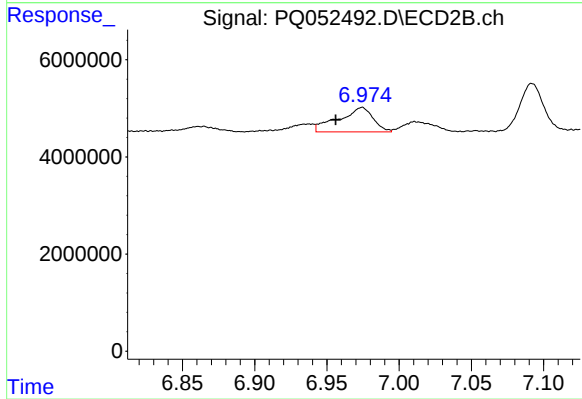
#27 AR-1254-2

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 5139752
Conc: 11.49 ng/ml



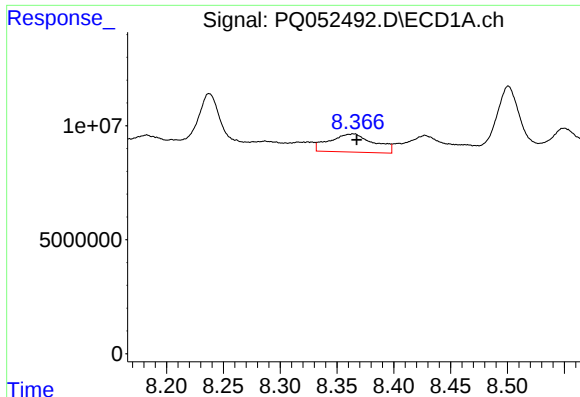
#28 AR-1254-3

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 10579564
Conc: 6.82 ng/ml



#28 AR-1254-3

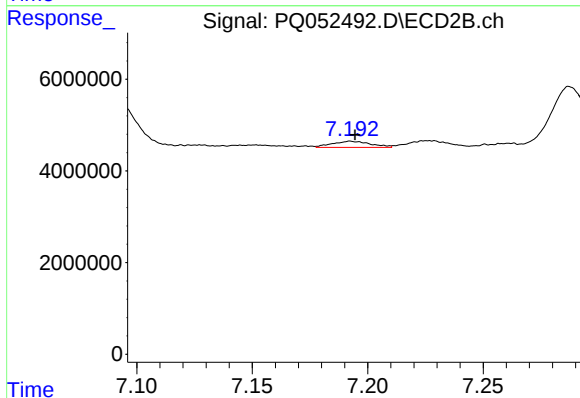
R.T.: 6.975 min
Delta R.T.: 0.018 min
Response: 8431644
Conc: 11.40 ng/ml



#29 AR-1254-4

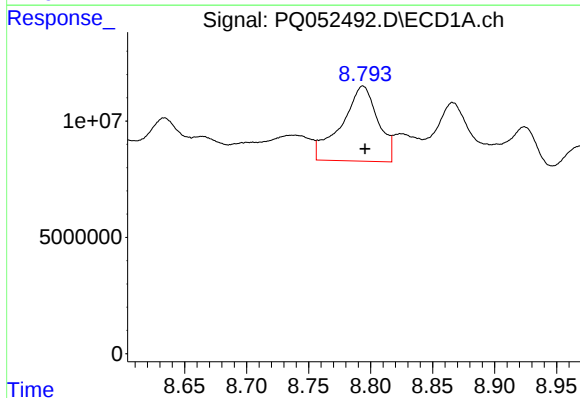
R.T.: 8.364 min
Delta R.T.: -0.003 min
Response: 21639239
Conc: 18.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



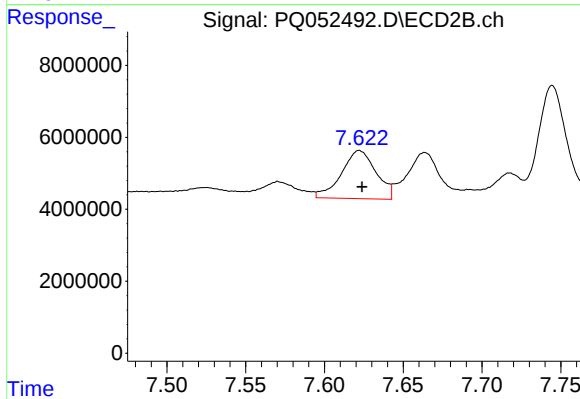
#29 AR-1254-4

R.T.: 7.193 min
Delta R.T.: -0.002 min
Response: 1558508
Conc: 3.12 ng/ml



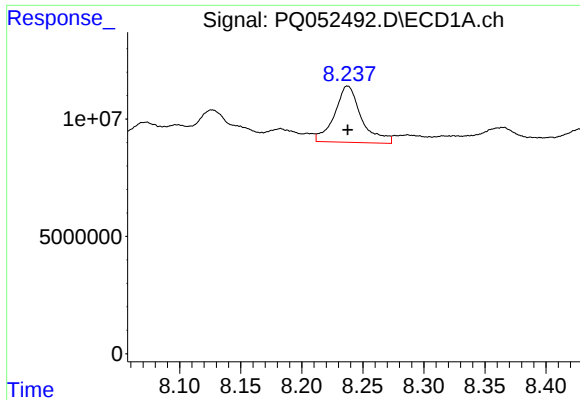
#30 AR-1254-5

R.T.: 8.794 min
Delta R.T.: -0.002 min
Response: 65911583
Conc: 54.20 ng/ml



#30 AR-1254-5

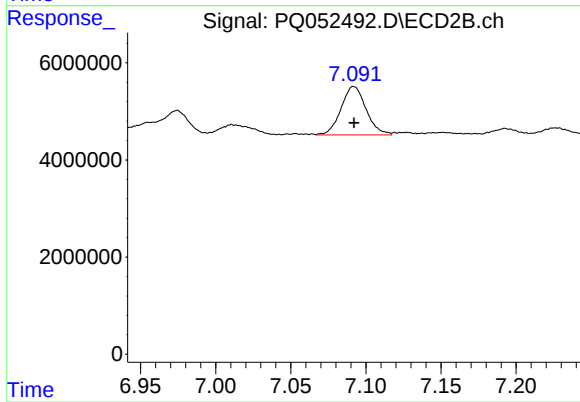
R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 20487063
Conc: 30.01 ng/ml



#31 AR-1260-1

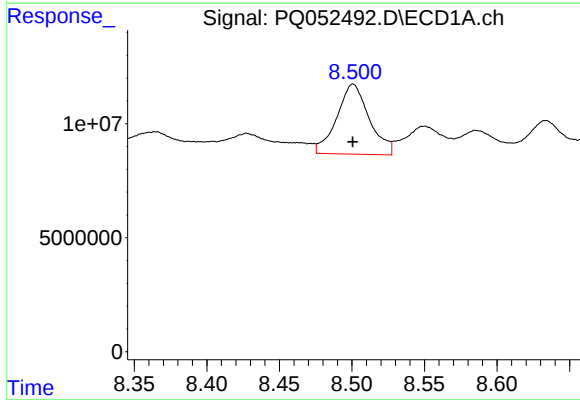
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 36746279
Conc: 35.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



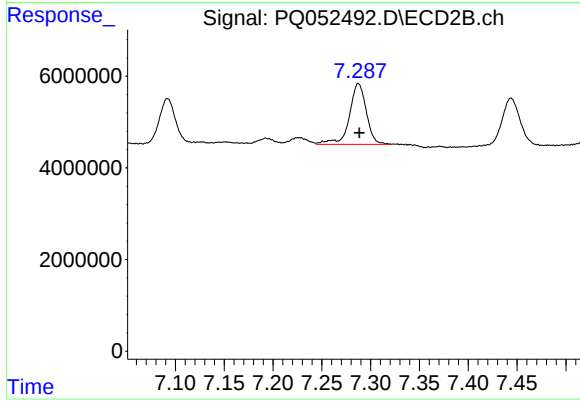
#31 AR-1260-1

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 11626041
Conc: 24.94 ng/ml



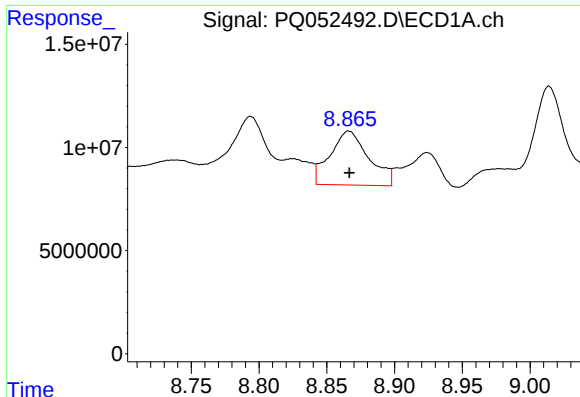
#32 AR-1260-2

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 47999519
Conc: 37.87 ng/ml



#32 AR-1260-2

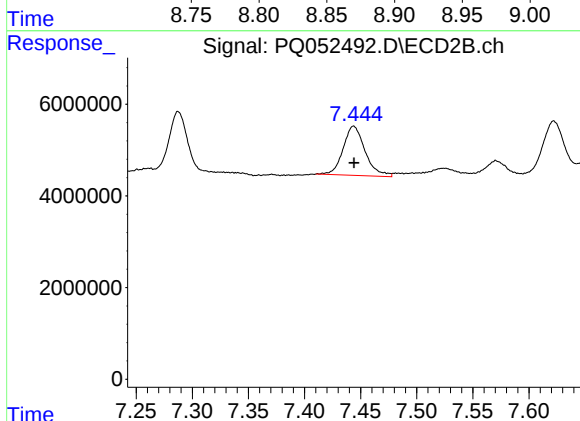
R.T.: 7.287 min
Delta R.T.: -0.001 min
Response: 16065293
Conc: 25.07 ng/ml



#33 AR-1260-3

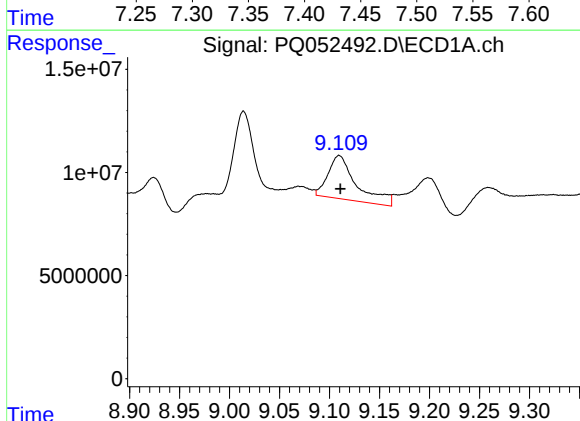
R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 52229057
Conc: 54.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



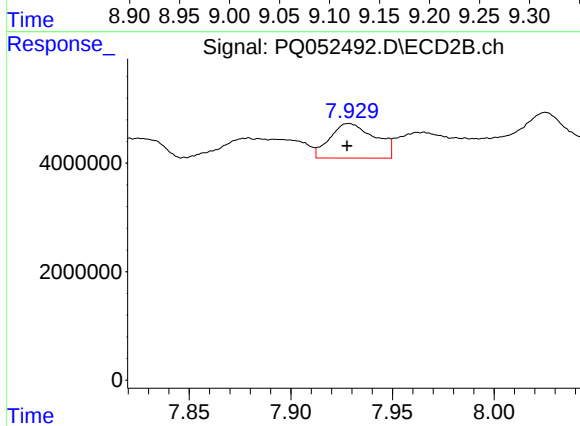
#33 AR-1260-3

R.T.: 7.444 min
Delta R.T.: 0.000 min
Response: 14642090
Conc: 26.54 ng/ml



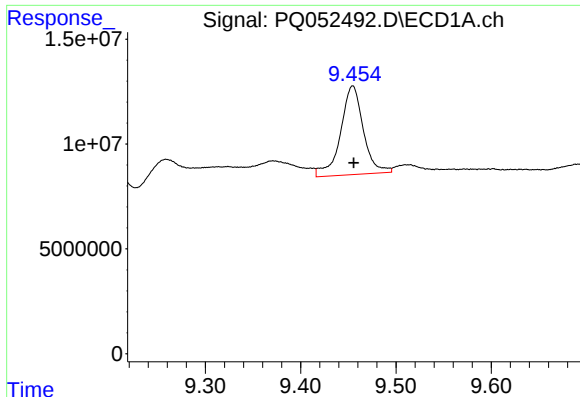
#34 AR-1260-4

R.T.: 9.110 min
Delta R.T.: -0.001 min
Response: 41593433
Conc: 36.67 ng/ml



#34 AR-1260-4

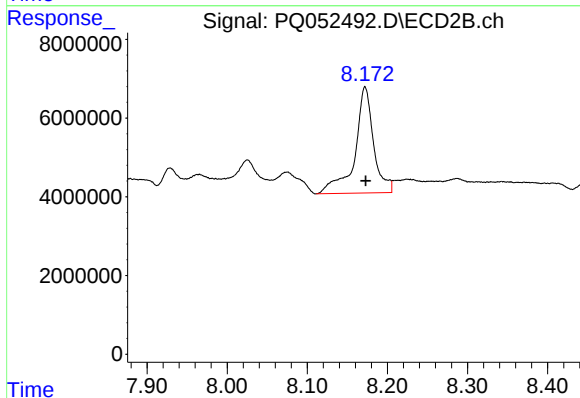
R.T.: 7.929 min
Delta R.T.: 0.001 min
Response: 9817507
Conc: 20.72 ng/ml



#35 AR-1260-5

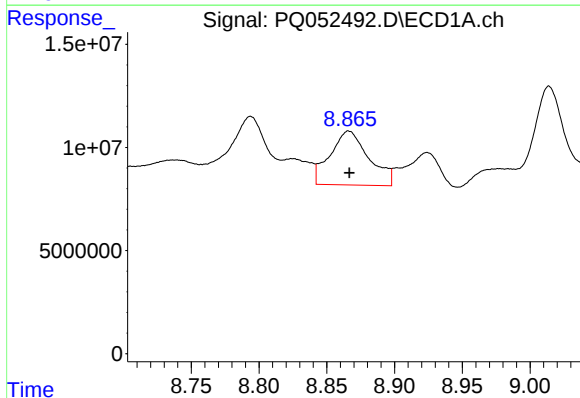
R.T.: 9.455 min
Delta R.T.: -0.001 min
Response: 70367870
Conc: 29.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



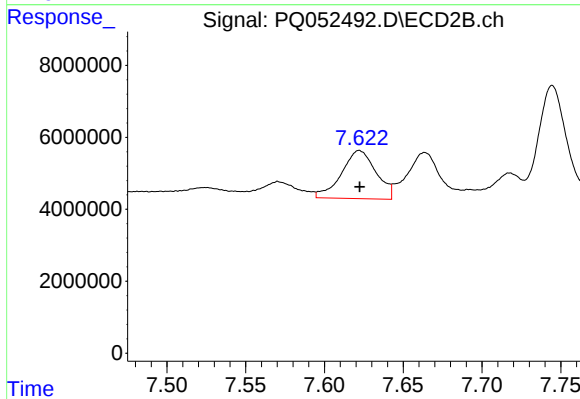
#35 AR-1260-5

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 43859479
Conc: 33.32 ng/ml



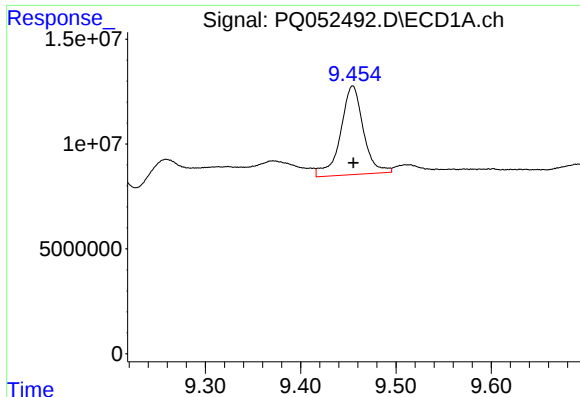
#36 AR-1262-1

R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 52229057
Conc: 37.11 ng/ml



#36 AR-1262-1

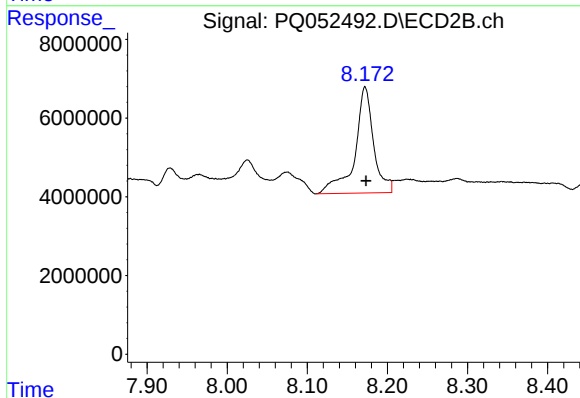
R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 20487063
Conc: 57.03 ng/ml



#37 AR-1262-2

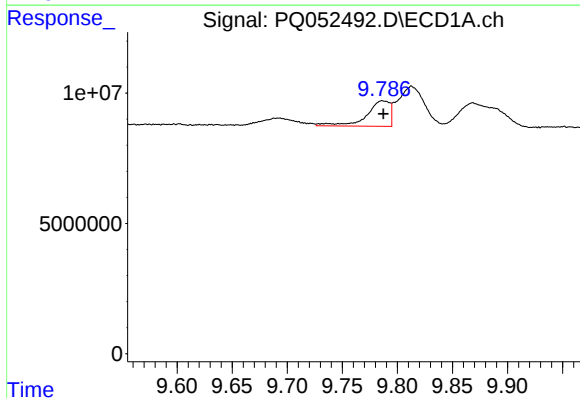
R.T.: 9.455 min
Delta R.T.: 0.000 min
Response: 70367870
Conc: 25.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



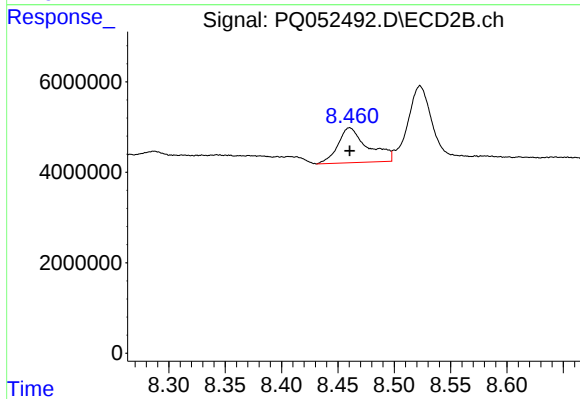
#37 AR-1262-2

R.T.: 8.172 min
Delta R.T.: -0.001 min
Response: 43859479
Conc: 29.66 ng/ml



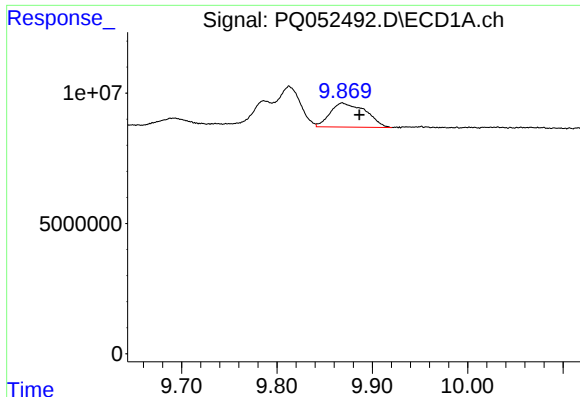
#38 AR-1262-3

R.T.: 9.786 min
Delta R.T.: -0.001 min
Response: 14449303
Conc: 12.18 ng/ml



#38 AR-1262-3

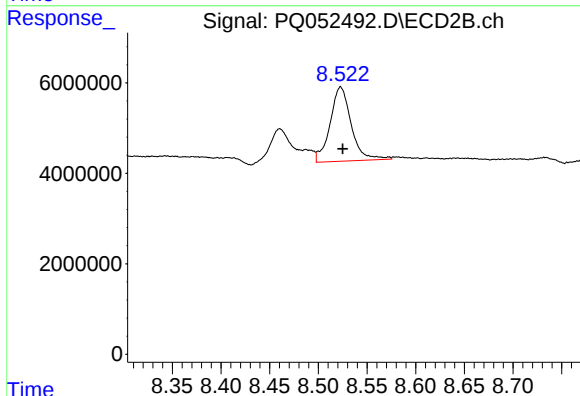
R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 14278821
Conc: 24.73 ng/ml



#39 AR-1262-4

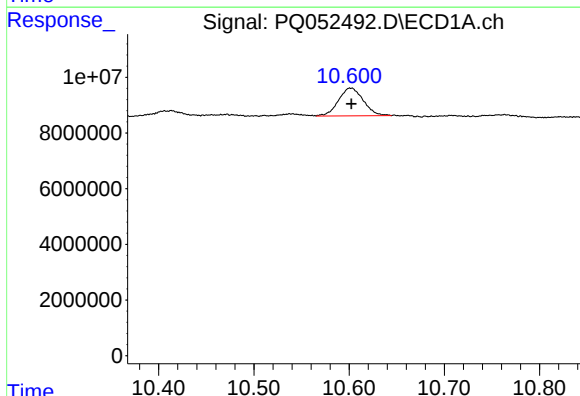
R.T.: 9.868 min
Delta R.T.: -0.018 min
Response: 23965058
Conc: 34.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



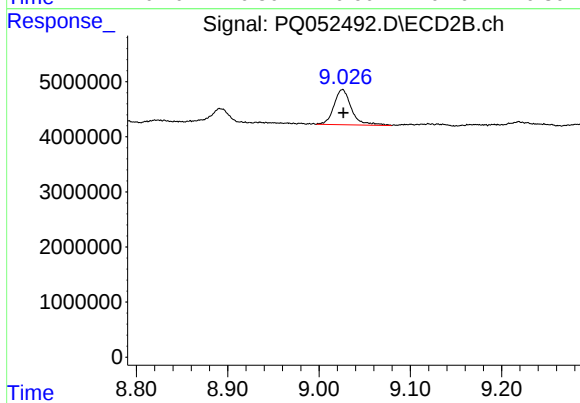
#39 AR-1262-4

R.T.: 8.523 min
Delta R.T.: -0.002 min
Response: 24834216
Conc: 24.15 ng/ml



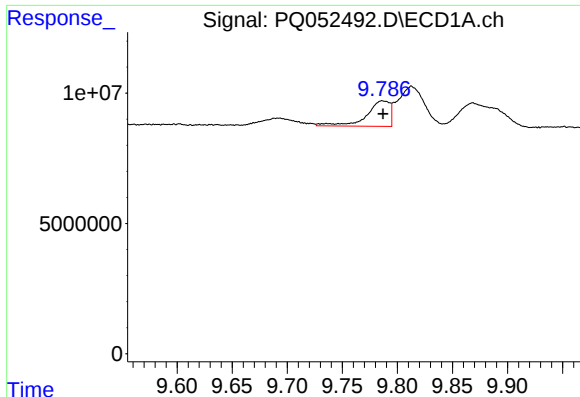
#40 AR-1262-5

R.T.: 10.603 min
Delta R.T.: 0.000 min
Response: 18077867
Conc: 18.04 ng/ml



#40 AR-1262-5

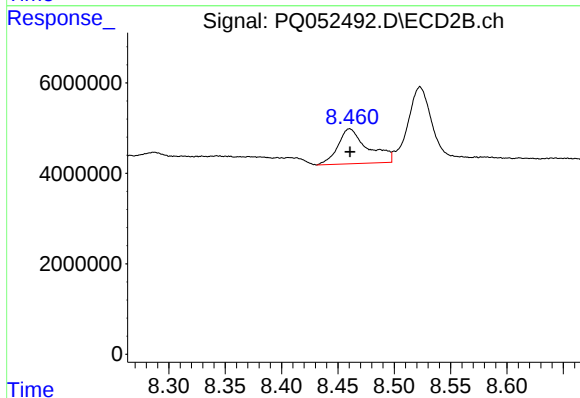
R.T.: 9.026 min
Delta R.T.: -0.001 min
Response: 8480521
Conc: 17.97 ng/ml



#41 AR-1268-1

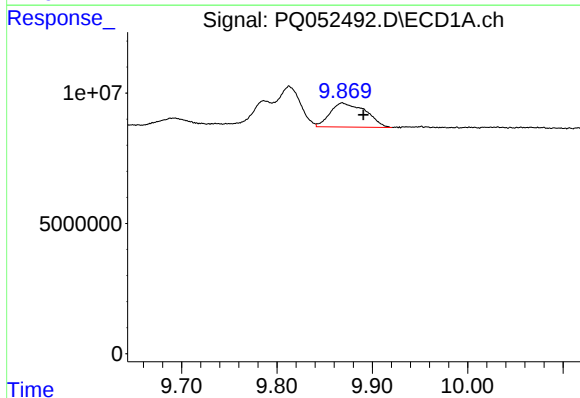
R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 14449303
Conc: 4.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



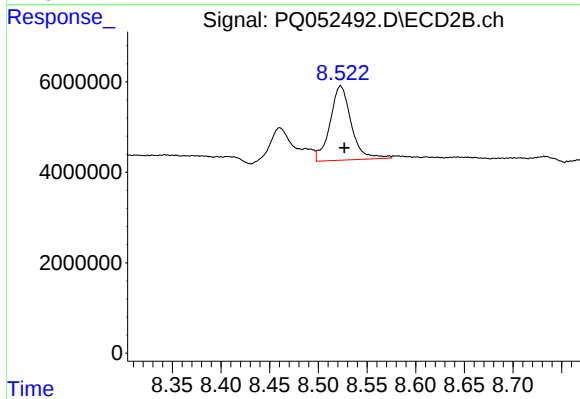
#41 AR-1268-1

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 14278821
Conc: 8.35 ng/ml



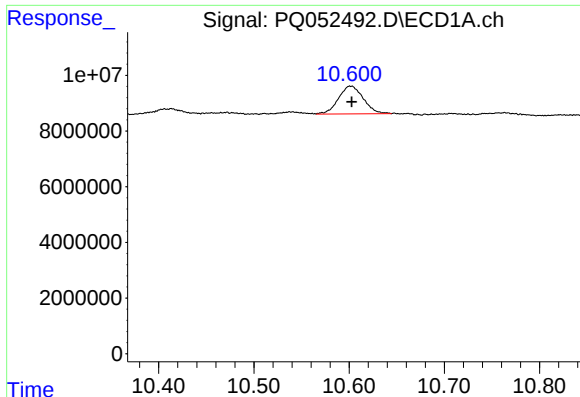
#42 AR-1268-2

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 23965058
Conc: 8.16 ng/ml



#42 AR-1268-2

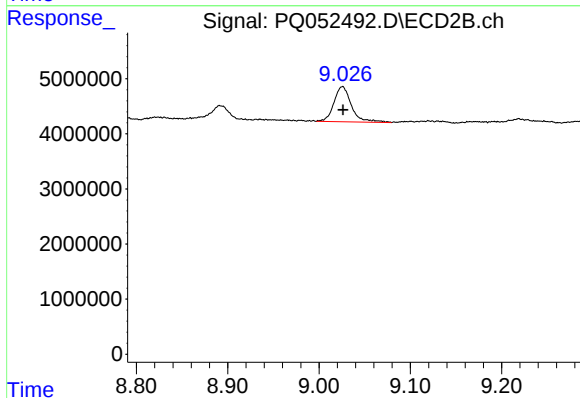
R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 24834216
Conc: 16.50 ng/ml



#44 AR-1268-4

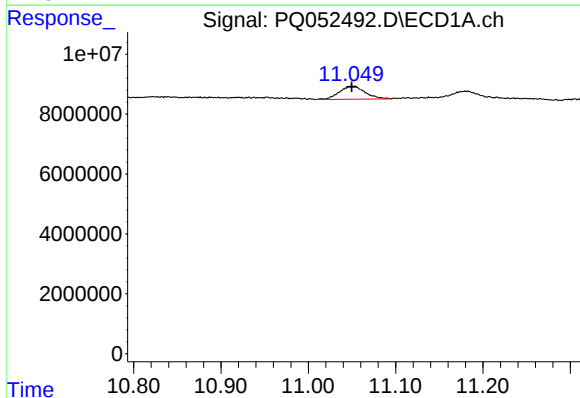
R.T.: 10.603 min
Delta R.T.: 0.000 min
Response: 18077867
Conc: 16.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



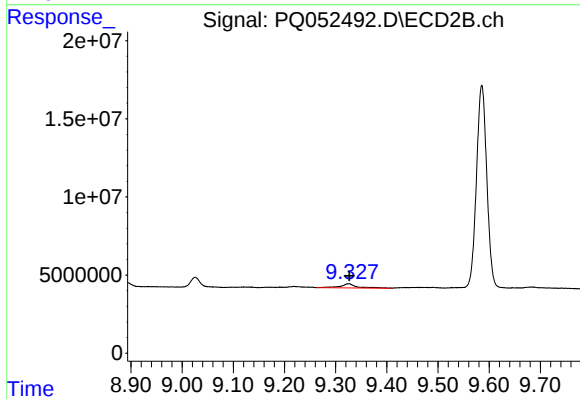
#44 AR-1268-4

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 8480521
Conc: 16.57 ng/ml



#45 AR-1268-5

R.T.: 11.050 min
Delta R.T.: 0.000 min
Response: 8974408
Conc: 1.00 ng/ml



#45 AR-1268-5

R.T.: 9.326 min
Delta R.T.: 0.000 min
Response: 5662947
Conc: 1.46 ng/ml