

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021721\
 Data File : PQ052306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2021 10:03
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 21:57:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.229	4.247	484.6E6	172.3E6	19.733	20.542
2)	SA Decachlor...	11.421	9.591	790.5E6	309.8E6	38.571	40.162
Target Compounds							
3)	L1 AR-1016-1	6.553	5.507	6882820	2995250	8.566	9.724
4)	L1 AR-1016-2	6.580	5.527	9563222	2184478	8.100	5.095 #
5)	L1 AR-1016-3	6.645	5.720	4541734	1254617	6.363	5.727
6)	L1 AR-1016-4	6.752	5.769	4562271	70042133	7.578	418.255 #
7)	L1 AR-1016-5	7.066	6.000	103.9E6	36353359	184.602	170.229
8)	L2 AR-1221-1	5.523f	0.000	4786122	0	18.766	N.D. #
9)	L2 AR-1221-2	5.585	4.603	8234248	2717980	46.814	42.954
10)	L2 AR-1221-3	5.667	4.693	4558709	1462424	7.742	6.782
11)	L3 AR-1232-1	5.667	4.693	4558709	1462424	9.277	8.087
12)	L3 AR-1232-2	6.258	5.527	5200857	2184478	20.208	11.064 #
13)	L3 AR-1232-3	6.580	5.720	9563222	1254617	18.178	12.754 #
14)	L3 AR-1232-4	6.752	5.813	4562271	19491877	17.404	235.491 #
15)	L3 AR-1232-5	6.846	6.000	176.9E6	36353359	957.610	408.610 #
16)	L4 AR-1242-1	6.553	5.507	6882820	2995250	10.015	11.370
17)	L4 AR-1242-2	6.580	5.527	9563222	2184478	9.472	5.945 #
18)	L4 AR-1242-3	6.645	5.720	4541734	1254617	7.479	6.581
19)	L4 AR-1242-4	6.752	5.813	4562271	19491877	8.972	110.367 #
20)	L4 AR-1242-5	7.536	6.379	102.3E6	189.0E6	181.281	753.892 #
21)	L5 AR-1248-1	6.553	5.507	6882820	2995250	12.567	14.566
22)	L5 AR-1248-2	6.846	5.769	176.9E6	70042133	230.162	259.144
23)	L5 AR-1248-3	7.066	5.813	103.9E6	19491877	117.639	69.901 #
24)	L5 AR-1248-4	7.494	6.000	163.5E6	36353359	157.262	109.252 #
25)	L5 AR-1248-5	7.536	6.422	102.3E6	21577623	99.838	60.349 #
26)	L6 AR-1254-1	7.464	6.379	330.8E6	189.0E6	333.042	354.424
27)	L6 AR-1254-2	7.692	6.537	504.4E6	160.1E6	326.344	350.627
28)	L6 AR-1254-3	8.075	6.959	544.3E6	264.2E6	322.036	351.345
29)	L6 AR-1254-4	8.370	7.197	398.6E6	178.8E6	317.818	354.412
30)	L6 AR-1254-5	8.798	7.627	488.0E6	234.2E6	363.113	344.405
31)	L7 AR-1260-1	8.241	7.097	198.7E6	119.9E6	198.806	292.683 #
32)	L7 AR-1260-2	8.503	7.291	230.9E6	109.2E6	187.965	205.576
33)	L7 AR-1260-3	8.861	7.446	52015354	101.6E6	56.878	212.536 #
34)	L7 AR-1260-4	9.107	7.931	163.4E6	10512218	151.629	25.953 #
35)	L7 AR-1260-5	9.458	8.175	68311354	26433895	30.107	24.551
36)	L8 AR-1262-1	8.861	7.627	52015354	234.2E6	33.037	678.362 #
37)	L8 AR-1262-2	9.458	8.175	68311354	26433895	22.802	19.711
38)	L8 AR-1262-3	9.818	8.462	46581212	924886	23.400	1.769 #
39)	L8 AR-1262-4	9.870	8.525	11761471	24175412	7.729	24.741 #
40)	L8 AR-1262-5	10.606	9.032	3124805	1269397	2.872	2.801
41)	L9 AR-1268-1	9.818	8.462	46581212	924886	13.251	0.574 #

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 Acq On : 17 Feb 2021 10:03
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

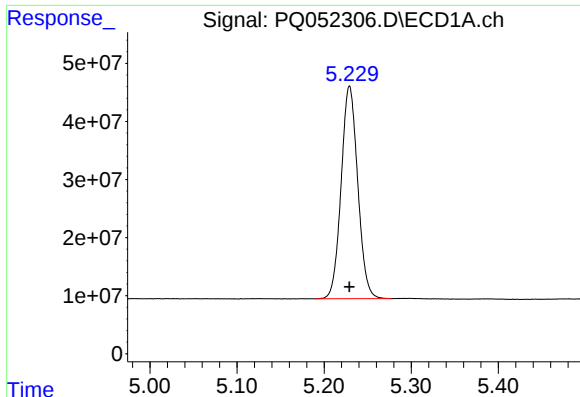
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 21:57:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.870	8.525	11761471	24175412	3.581	16.217 #
43) L9	AR-1268-3	10.136	8.782f	3366724	1623533	1.210	1.295
44) L9	AR-1268-4	10.606	9.032	3124805	1269397	2.562	2.428
45) L9	AR-1268-5	11.053	9.329	6928518	2440141	0.709	0.607

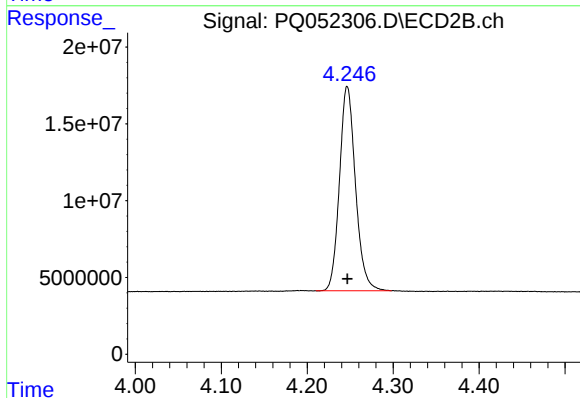
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

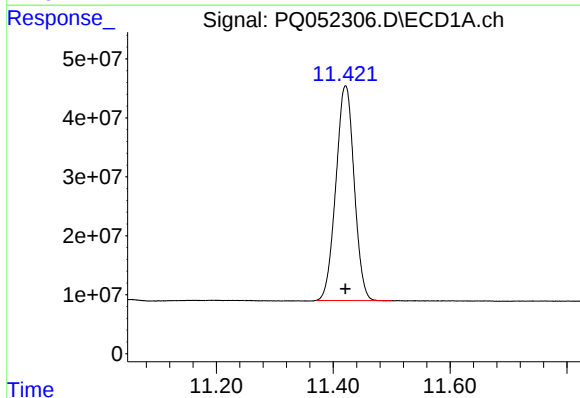
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 484622234
Conc: 19.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



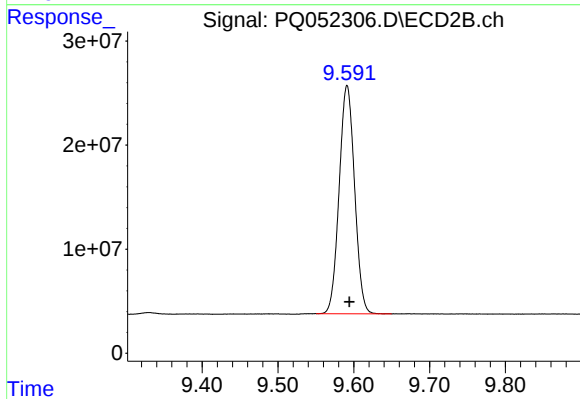
#1 Tetrachloro-m-xylene

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 172317188
Conc: 20.54 ng/ml



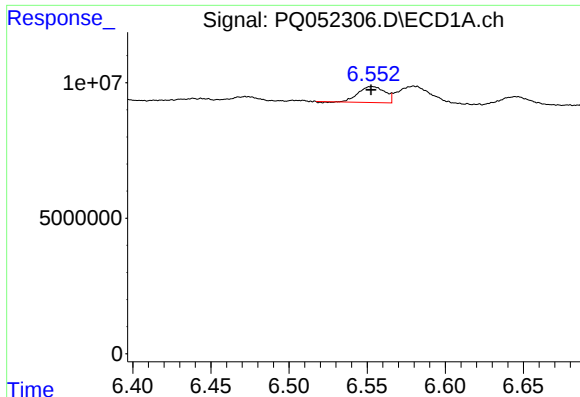
#2 Decachlorobiphenyl

R.T.: 11.421 min
Delta R.T.: 0.000 min
Response: 790524035
Conc: 38.57 ng/ml



#2 Decachlorobiphenyl

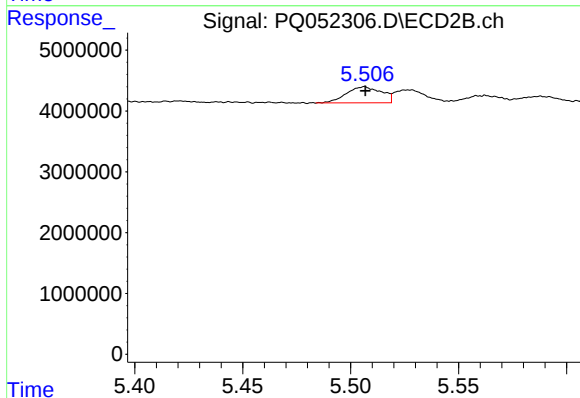
R.T.: 9.591 min
Delta R.T.: -0.003 min
Response: 309766747
Conc: 40.16 ng/ml



#3 AR-1016-1

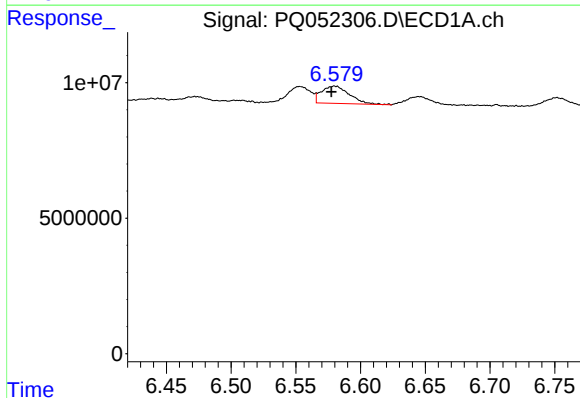
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 6882820
Conc: 8.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



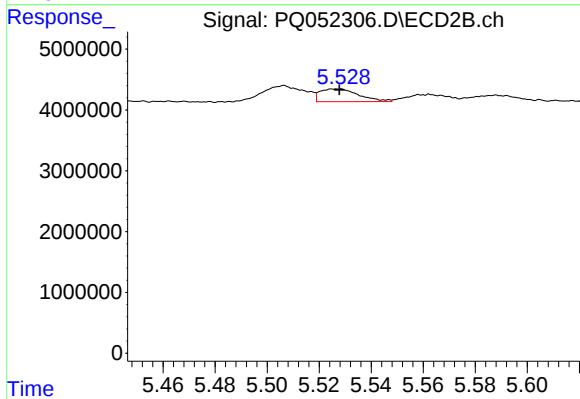
#3 AR-1016-1

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 2995250
Conc: 9.72 ng/ml



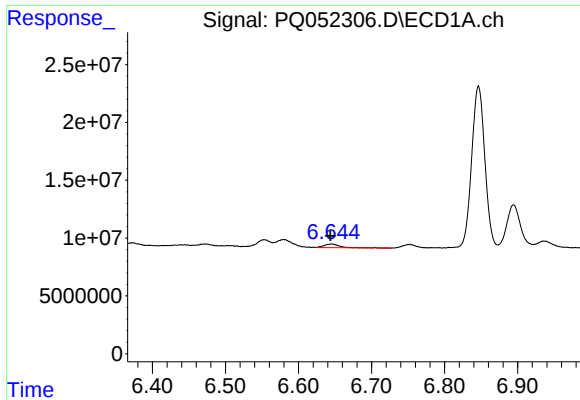
#4 AR-1016-2

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 9563222
Conc: 8.10 ng/ml



#4 AR-1016-2

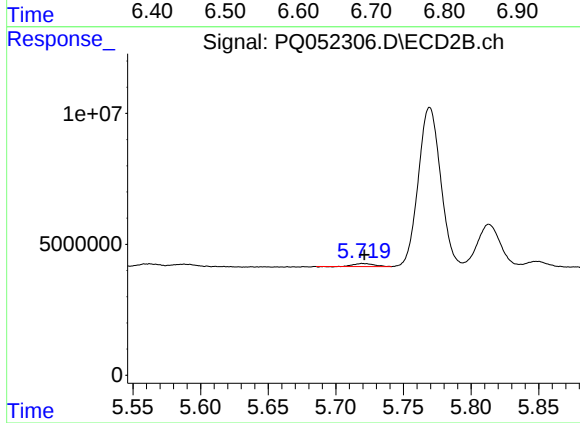
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 2184478
Conc: 5.09 ng/ml



#5 AR-1016-3

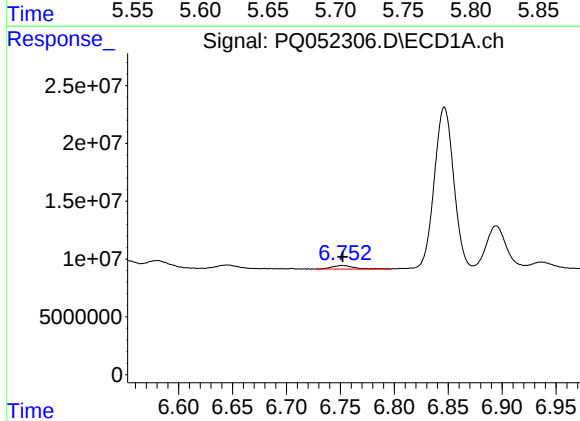
R.T.: 6.645 min
Delta R.T.: 0.001 min
Response: 4541734
Conc: 6.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



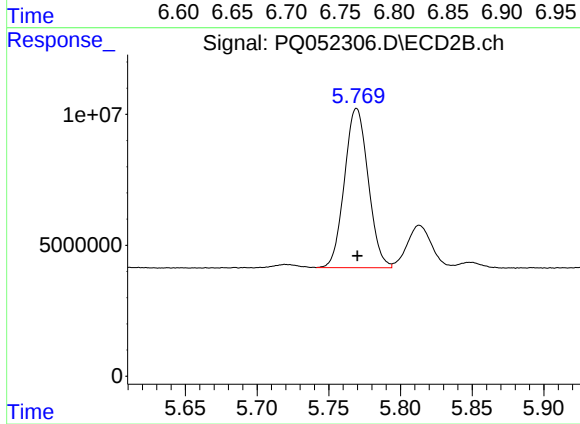
#5 AR-1016-3

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 1254617
Conc: 5.73 ng/ml



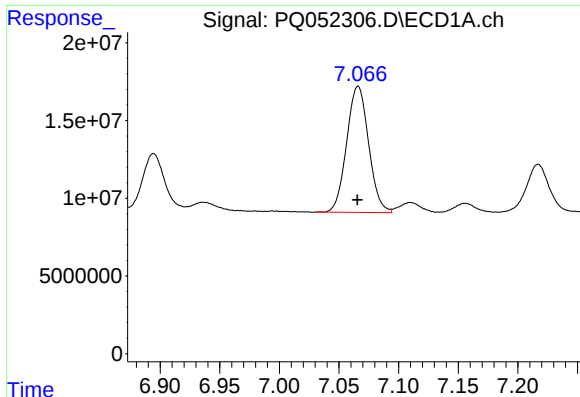
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 4562271
Conc: 7.58 ng/ml



#6 AR-1016-4

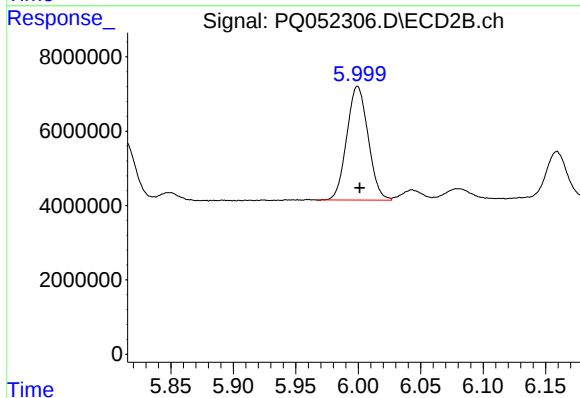
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 70042133
Conc: 418.26 ng/ml



#7 AR-1016-5

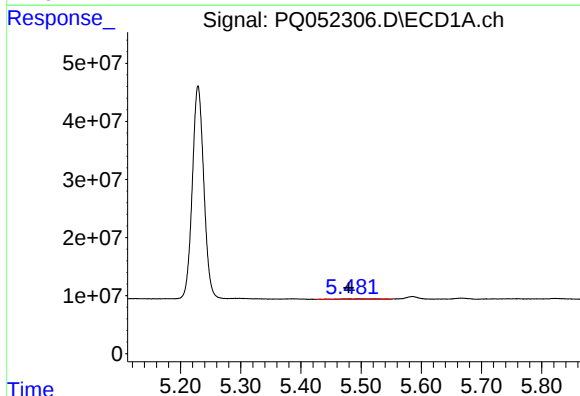
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 103865772
Conc: 184.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



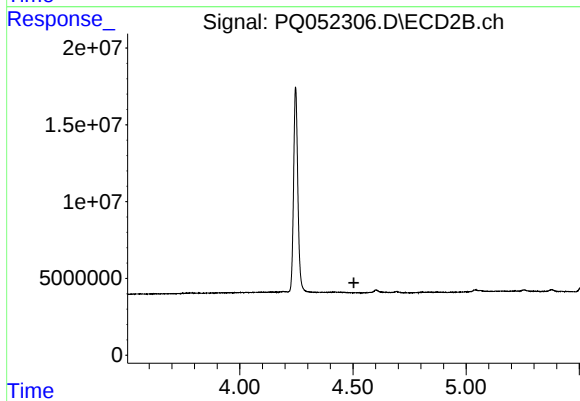
#7 AR-1016-5

R.T.: 6.000 min
Delta R.T.: -0.002 min
Response: 36353359
Conc: 170.23 ng/ml



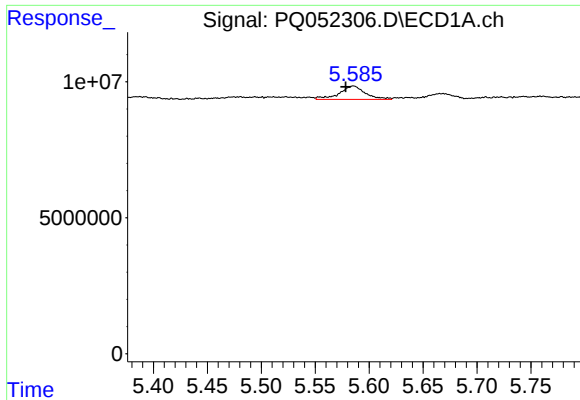
#8 AR-1221-1

R.T.: 5.523 min
Delta R.T.: 0.043 min
Response: 4786122
Conc: 18.77 ng/ml



#8 AR-1221-1

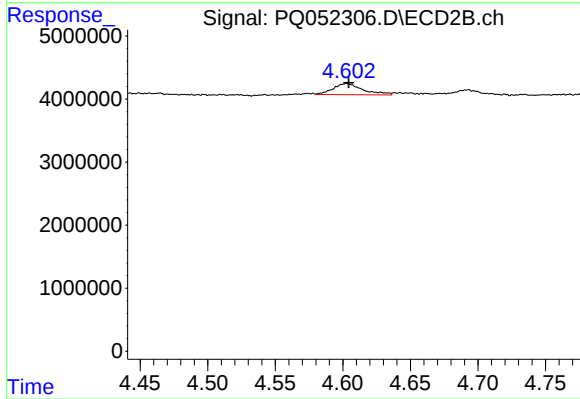
R.T.: 0.000 min
Exp R.T. : 4.504 min
Response: 0
Conc: N.D.



#9 AR-1221-2

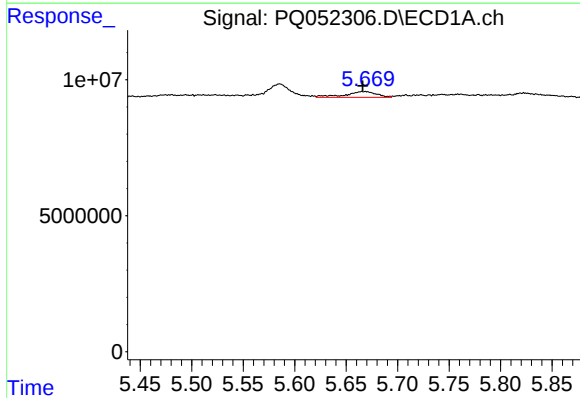
R.T.: 5.585 min
Delta R.T.: 0.007 min
Response: 8234248
Conc: 46.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



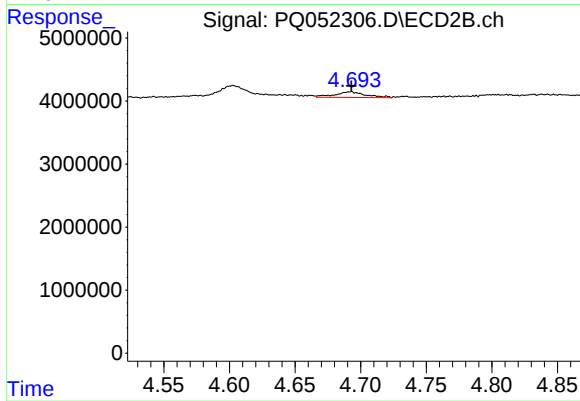
#9 AR-1221-2

R.T.: 4.603 min
Delta R.T.: -0.001 min
Response: 2717980
Conc: 42.95 ng/ml



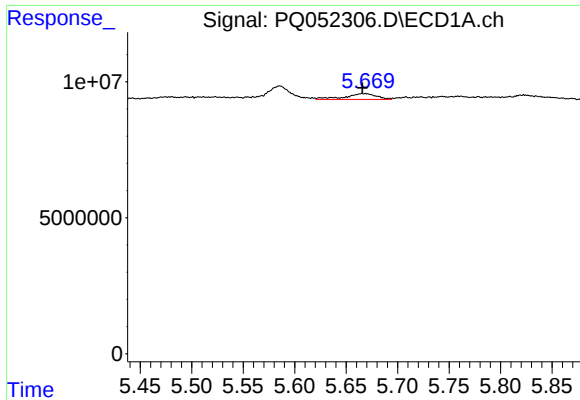
#10 AR-1221-3

R.T.: 5.667 min
Delta R.T.: 0.001 min
Response: 4558709
Conc: 7.74 ng/ml



#10 AR-1221-3

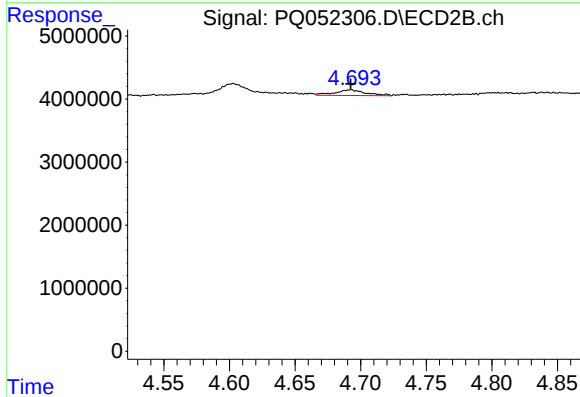
R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 1462424
Conc: 6.78 ng/ml



#11 AR-1232-1

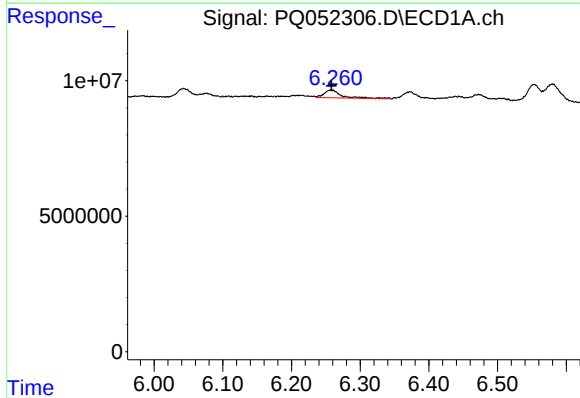
R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 4558709
Conc: 9.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



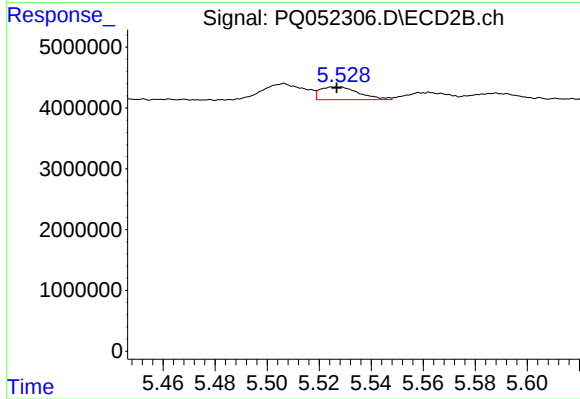
#11 AR-1232-1

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 1462424
Conc: 8.09 ng/ml



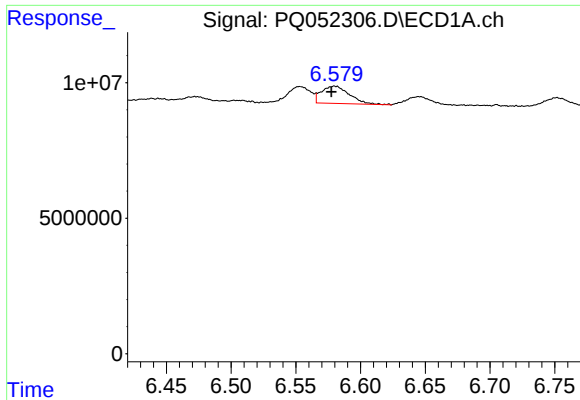
#12 AR-1232-2

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 5200857
Conc: 20.21 ng/ml



#12 AR-1232-2

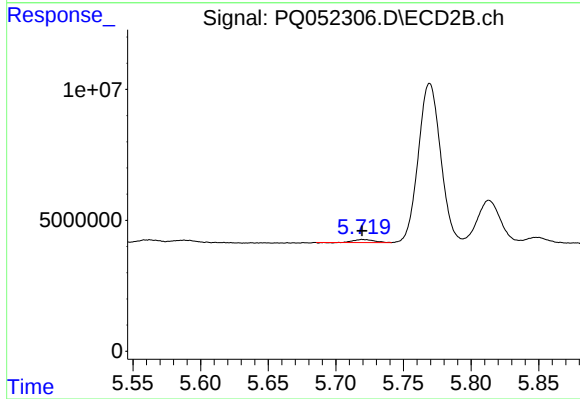
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 2184478
Conc: 11.06 ng/ml



#13 AR-1232-3

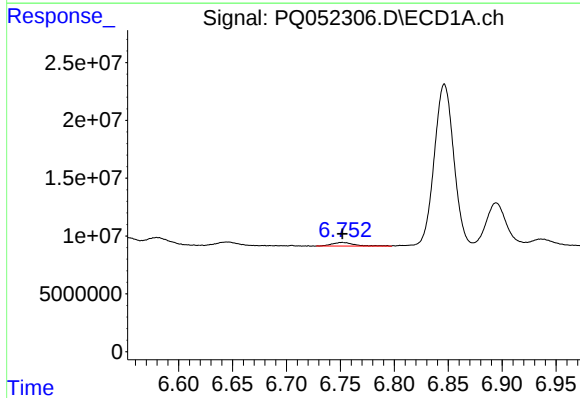
R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 9563222
Conc: 18.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



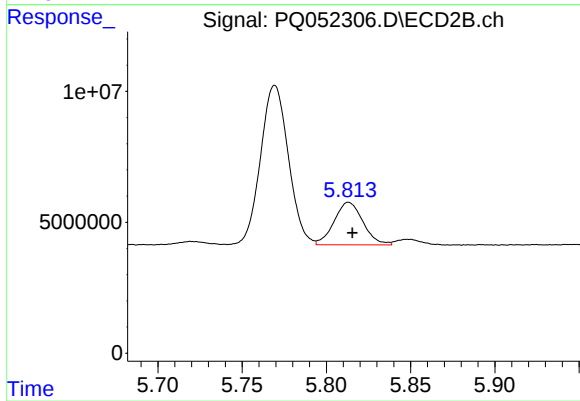
#13 AR-1232-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1254617
Conc: 12.75 ng/ml



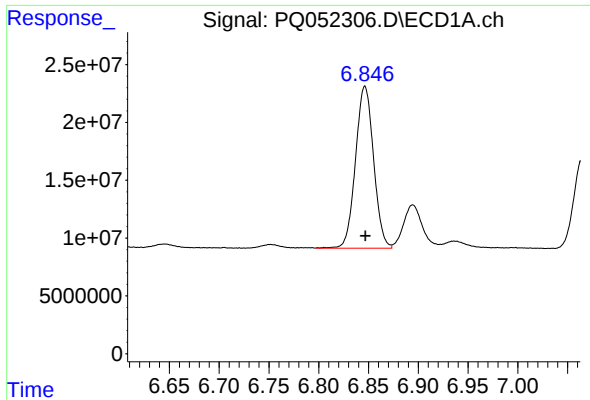
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 4562271
Conc: 17.40 ng/ml



#14 AR-1232-4

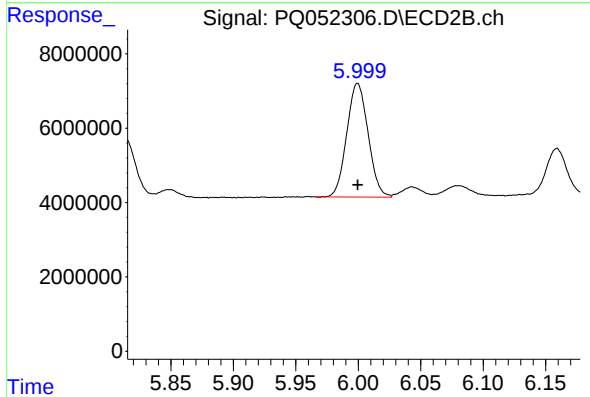
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 19491877
Conc: 235.49 ng/ml



#15 AR-1232-5

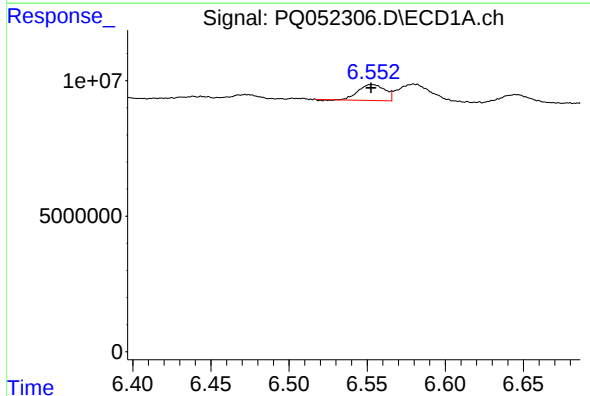
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 176909991
Conc: 957.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



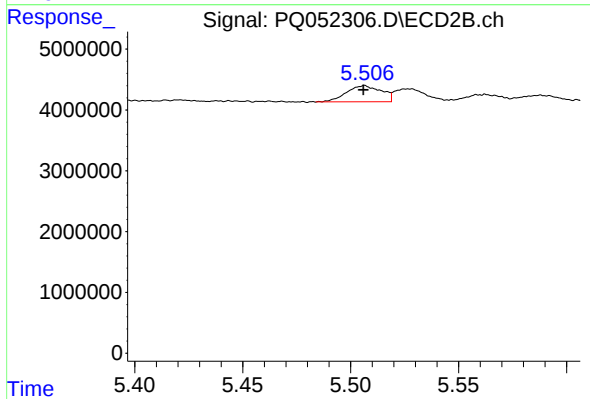
#15 AR-1232-5

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 36353359
Conc: 408.61 ng/ml



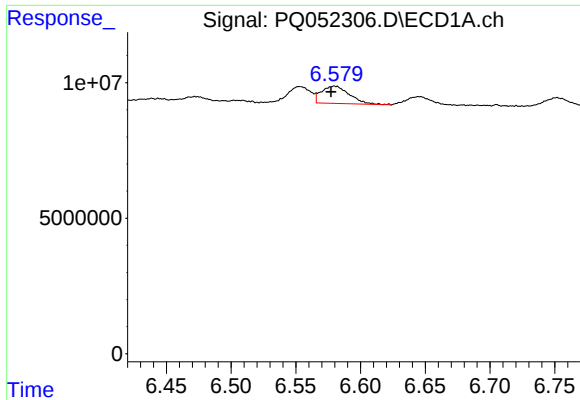
#16 AR-1242-1

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 6882820
Conc: 10.02 ng/ml



#16 AR-1242-1

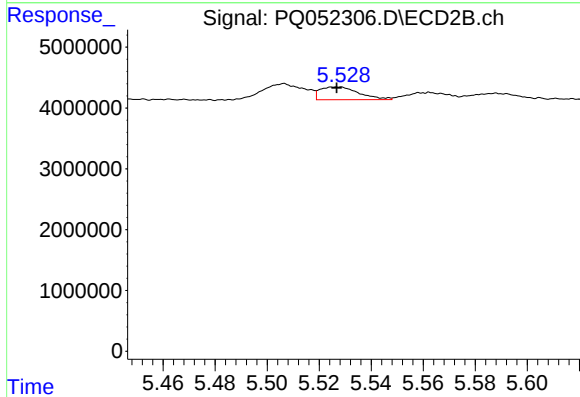
R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 2995250
Conc: 11.37 ng/ml



#17 AR-1242-2

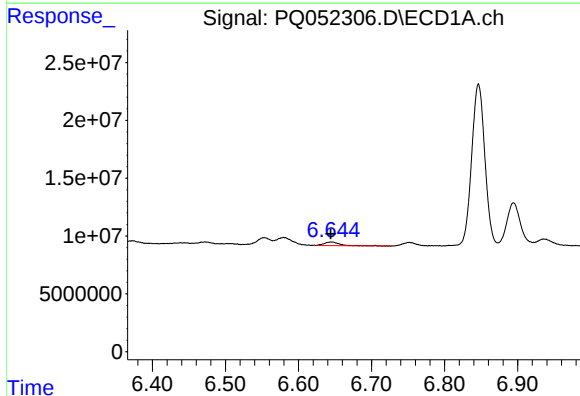
R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 9563222
Conc: 9.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



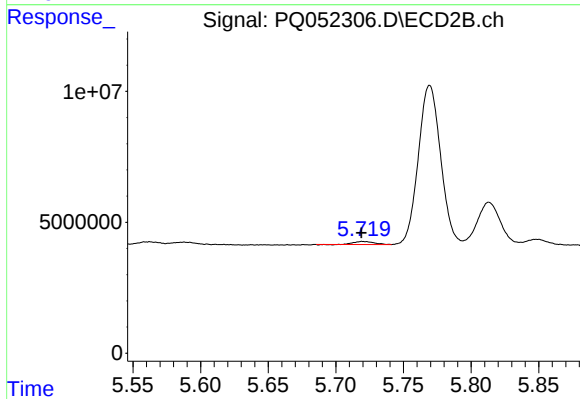
#17 AR-1242-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 2184478
Conc: 5.95 ng/ml



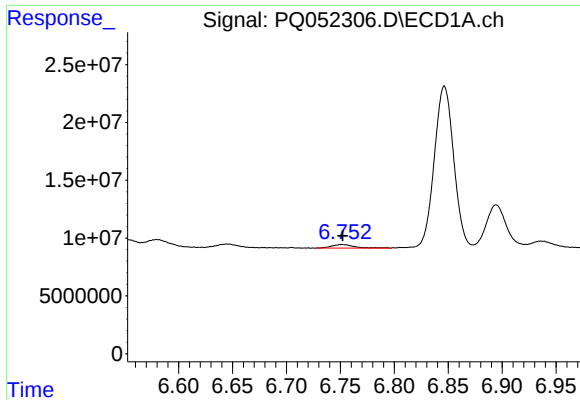
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 4541734
Conc: 7.48 ng/ml



#18 AR-1242-3

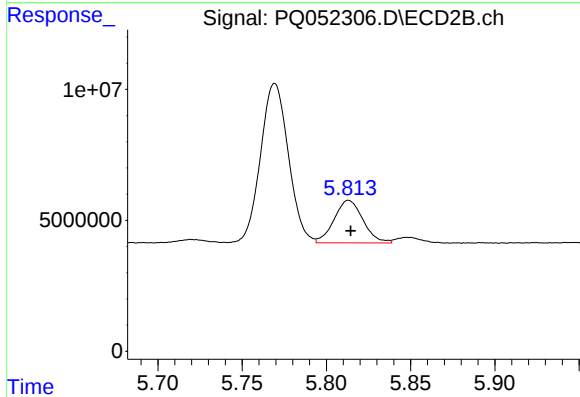
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1254617
Conc: 6.58 ng/ml



#19 AR-1242-4

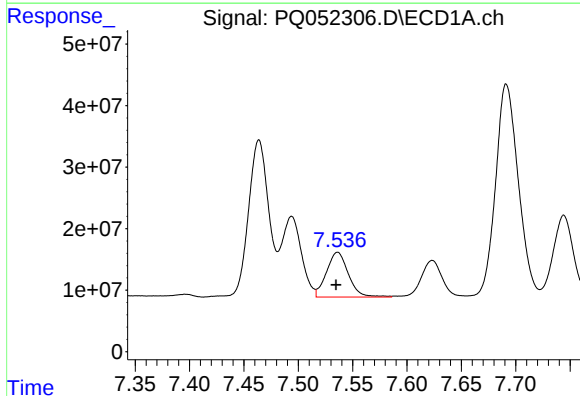
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 4562271
Conc: 8.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



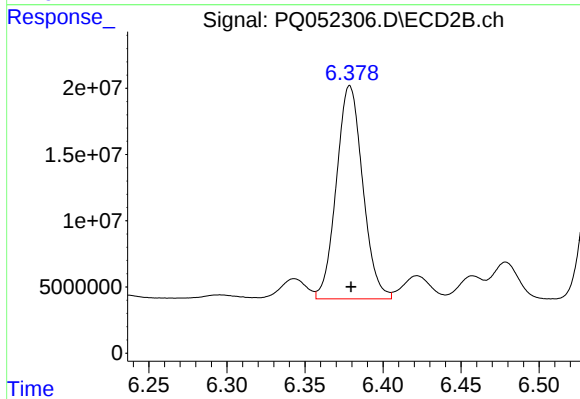
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 19491877
Conc: 110.37 ng/ml



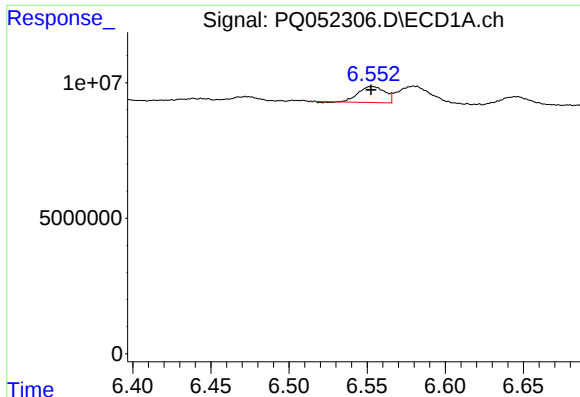
#20 AR-1242-5

R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 102271847
Conc: 181.28 ng/ml



#20 AR-1242-5

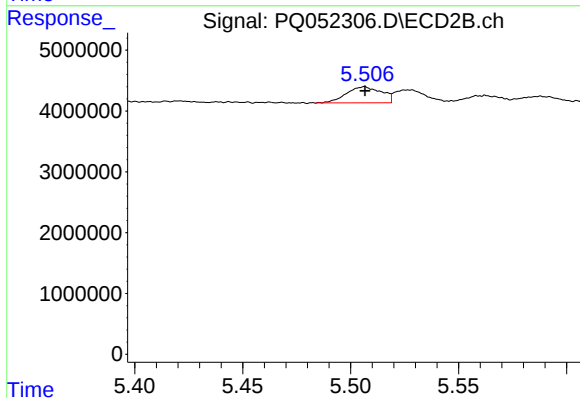
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 189011062
Conc: 753.89 ng/ml



#21 AR-1248-1

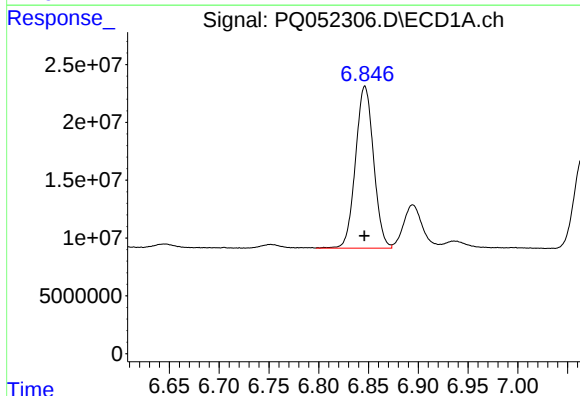
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 6882820
Conc: 12.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



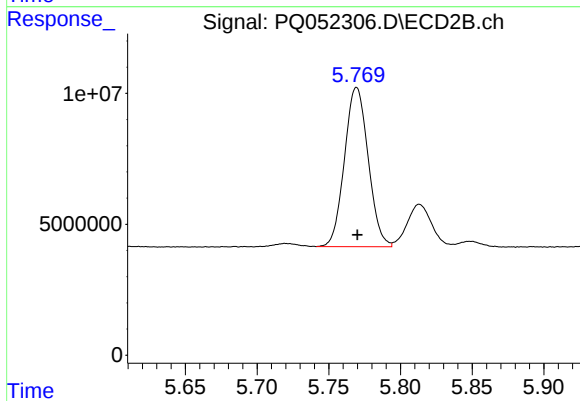
#21 AR-1248-1

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 2995250
Conc: 14.57 ng/ml



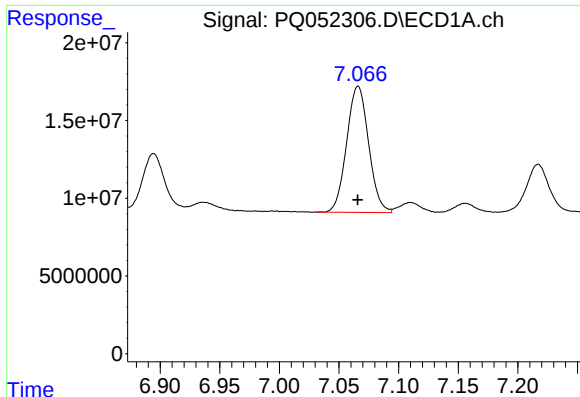
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 176909991
Conc: 230.16 ng/ml



#22 AR-1248-2

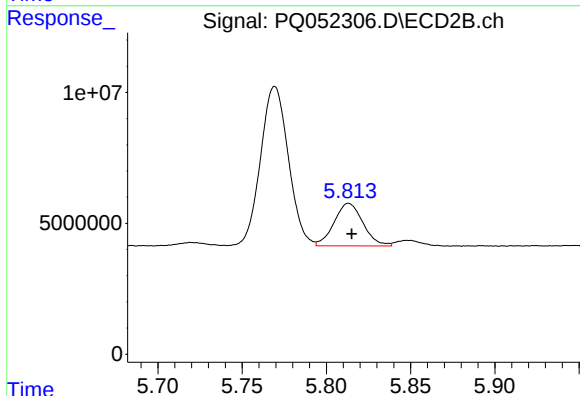
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 70042133
Conc: 259.14 ng/ml



#23 AR-1248-3

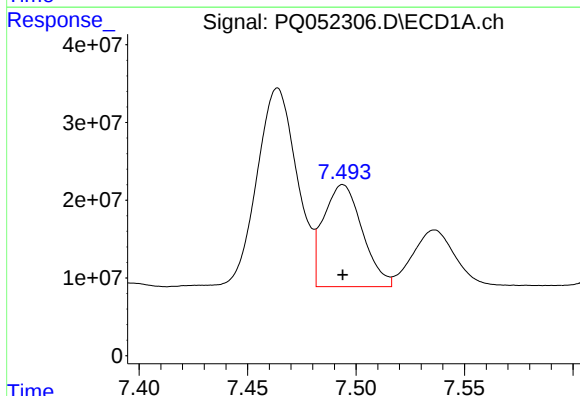
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 103865772
Conc: 117.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



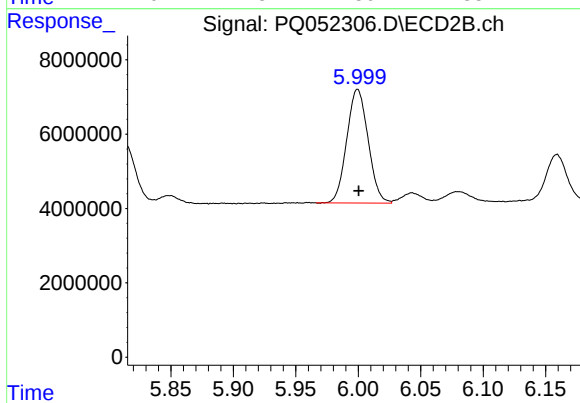
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 19491877
Conc: 69.90 ng/ml



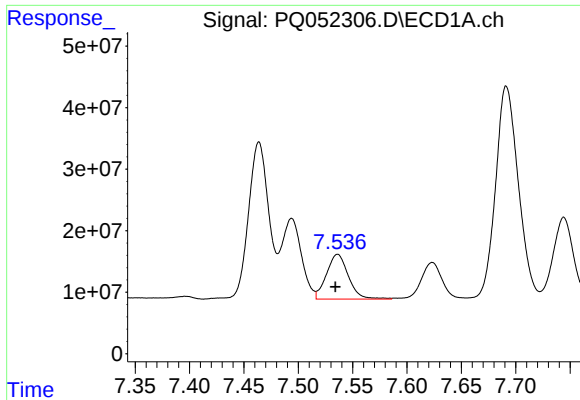
#24 AR-1248-4

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 163502028
Conc: 157.26 ng/ml



#24 AR-1248-4

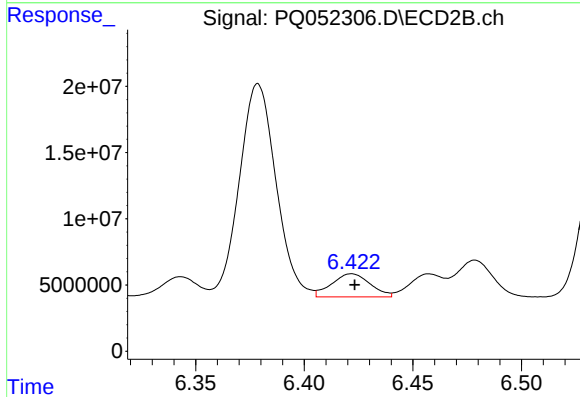
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 36353359
Conc: 109.25 ng/ml



#25 AR-1248-5

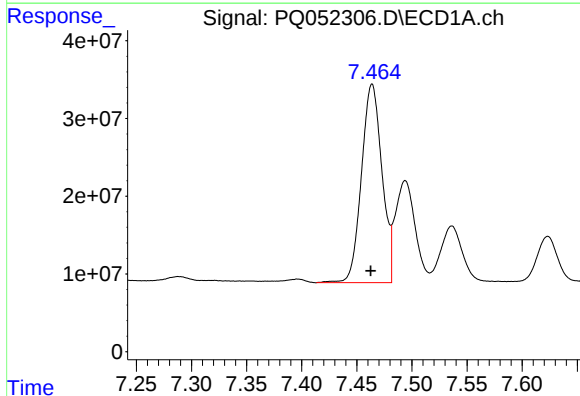
R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 102271847
Conc: 99.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



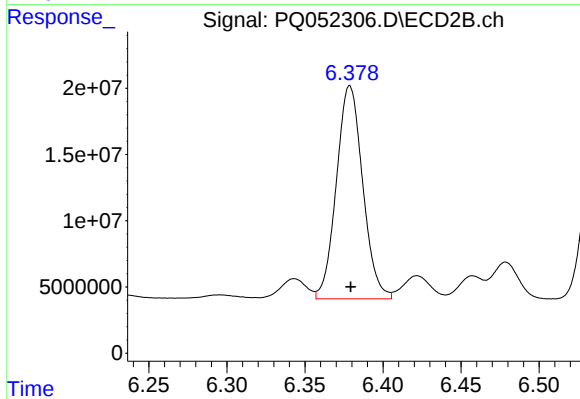
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.001 min
Response: 21577623
Conc: 60.35 ng/ml



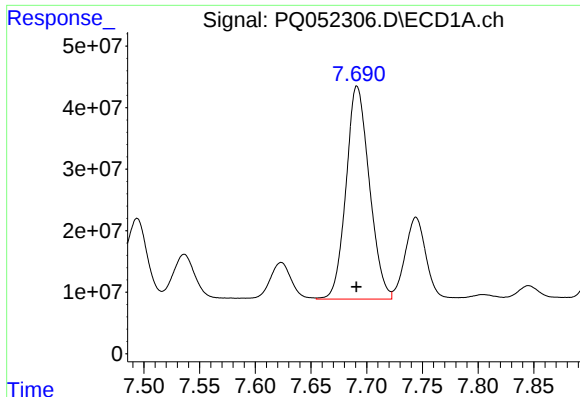
#26 AR-1254-1

R.T.: 7.464 min
Delta R.T.: 0.001 min
Response: 330847606
Conc: 333.04 ng/ml



#26 AR-1254-1

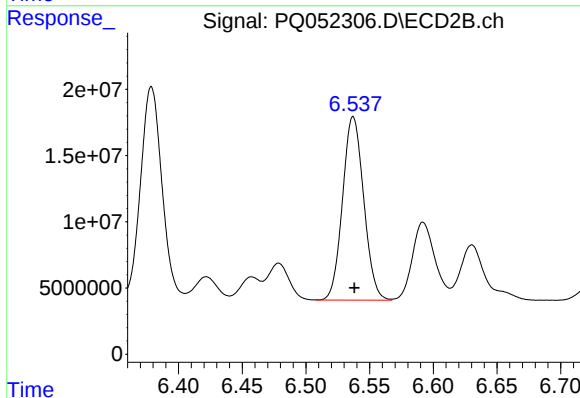
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 189011062
Conc: 354.42 ng/ml



#27 AR-1254-2

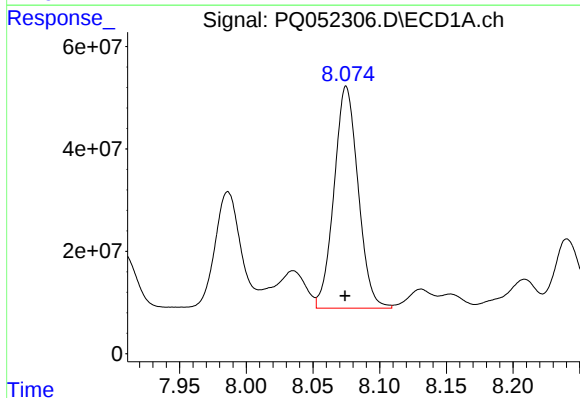
R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 504406086
Conc: 326.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



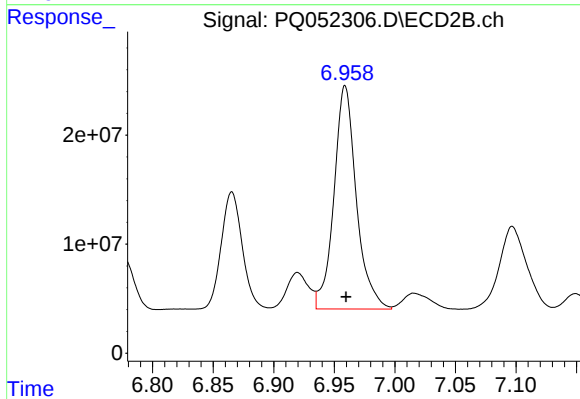
#27 AR-1254-2

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 160104809
Conc: 350.63 ng/ml



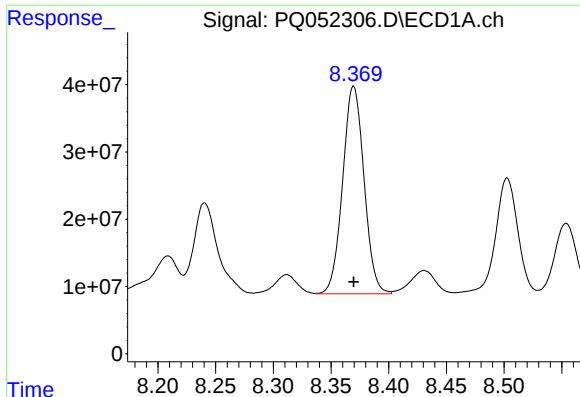
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 544289684
Conc: 322.04 ng/ml



#28 AR-1254-3

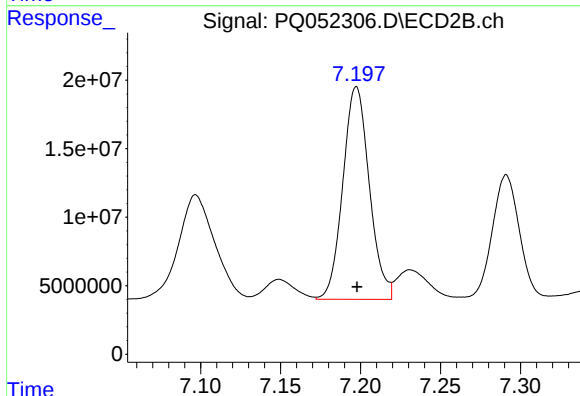
R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 264214562
Conc: 351.34 ng/ml



#29 AR-1254-4

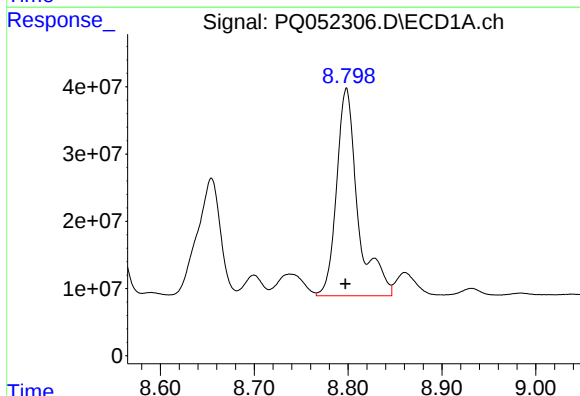
R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 398641496
Conc: 317.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



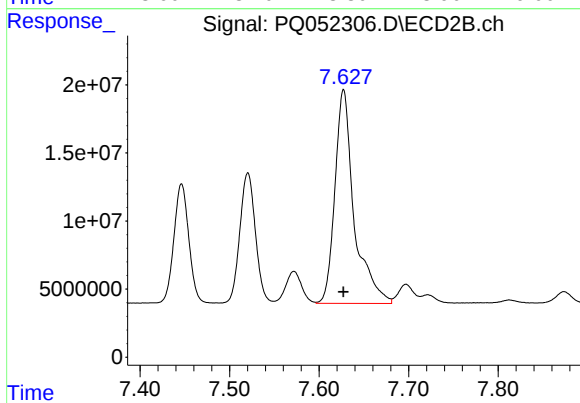
#29 AR-1254-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 178814754
Conc: 354.41 ng/ml



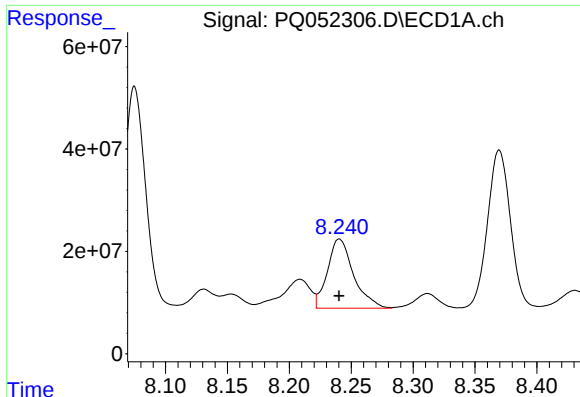
#30 AR-1254-5

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 487955344
Conc: 363.11 ng/ml



#30 AR-1254-5

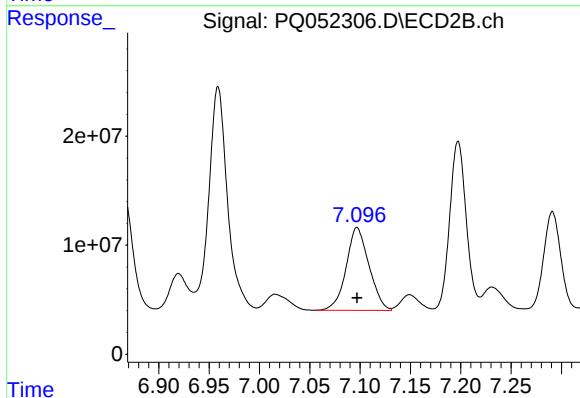
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 234247799
Conc: 344.41 ng/ml



#31 AR-1260-1

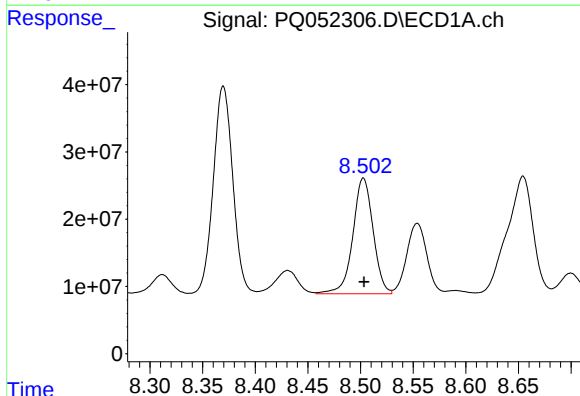
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 198681518
Conc: 198.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



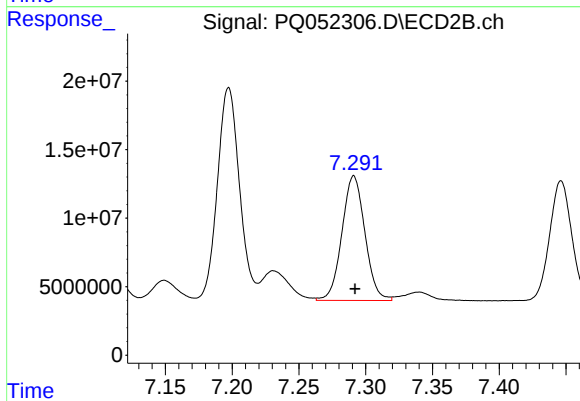
#31 AR-1260-1

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 119875623
Conc: 292.68 ng/ml



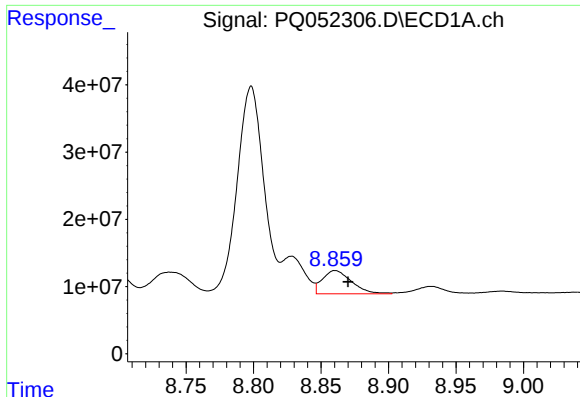
#32 AR-1260-2

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 230872429
Conc: 187.96 ng/ml



#32 AR-1260-2

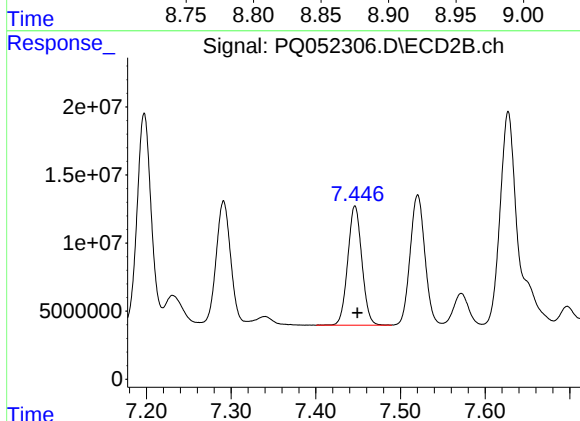
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 109151924
Conc: 205.58 ng/ml



#33 AR-1260-3

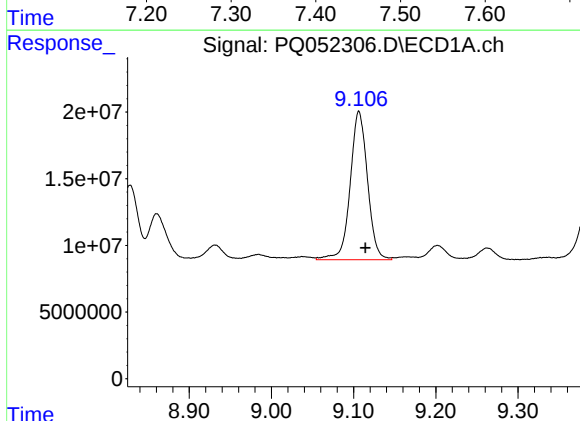
R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 52015354
Conc: 56.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



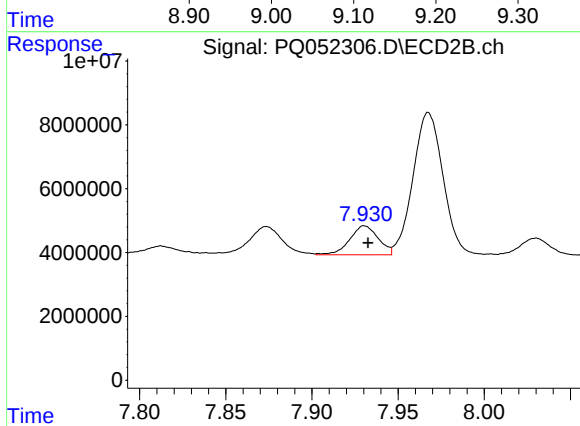
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 101574457
Conc: 212.54 ng/ml



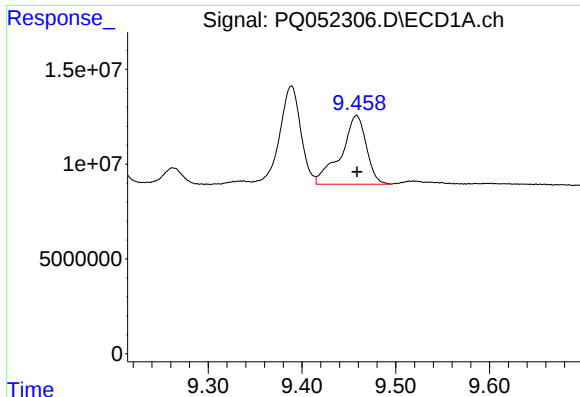
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.008 min
Response: 163367603
Conc: 151.63 ng/ml



#34 AR-1260-4

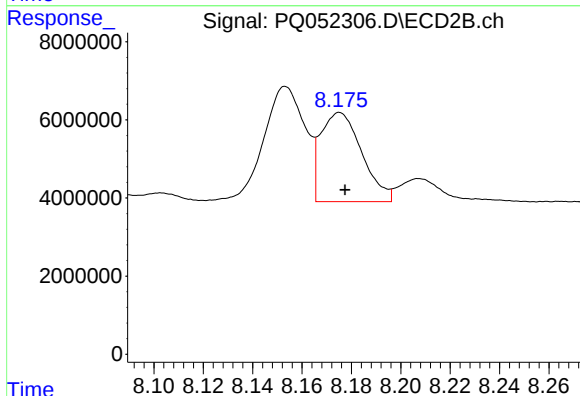
R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 10512218
Conc: 25.95 ng/ml



#35 AR-1260-5

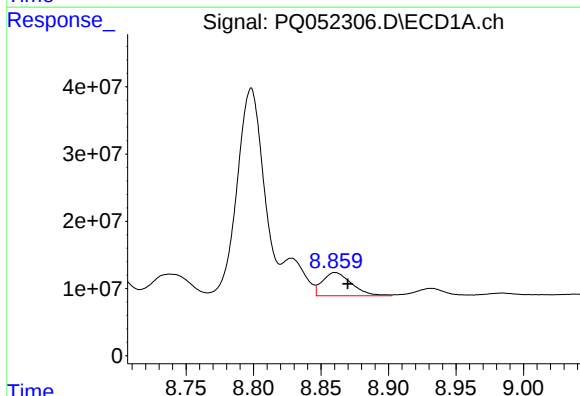
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 68311354
Conc: 30.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



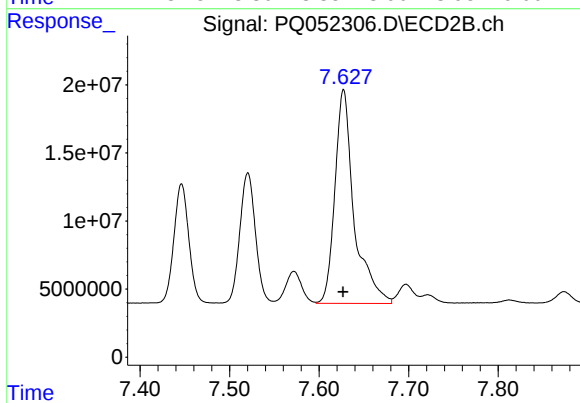
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 26433895
Conc: 24.55 ng/ml



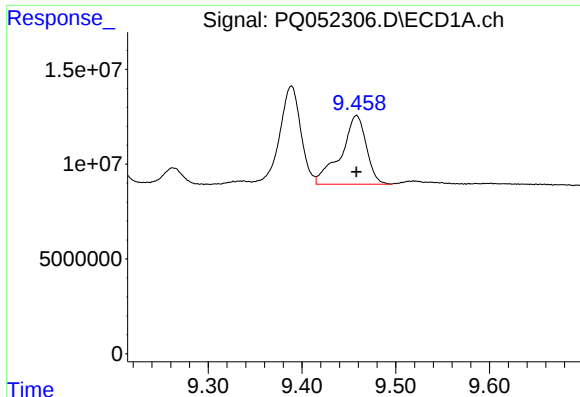
#36 AR-1262-1

R.T.: 8.861 min
Delta R.T.: -0.009 min
Response: 52015354
Conc: 33.04 ng/ml



#36 AR-1262-1

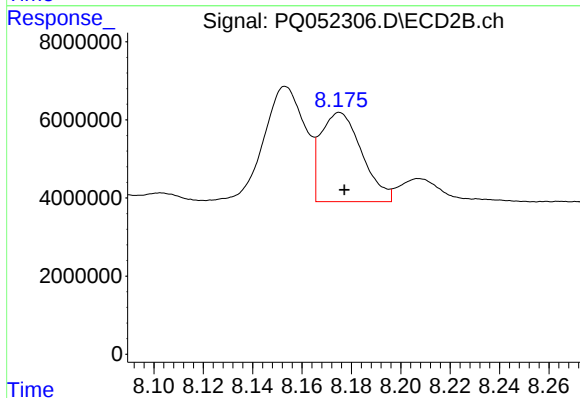
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 234247799
Conc: 678.36 ng/ml



#37 AR-1262-2

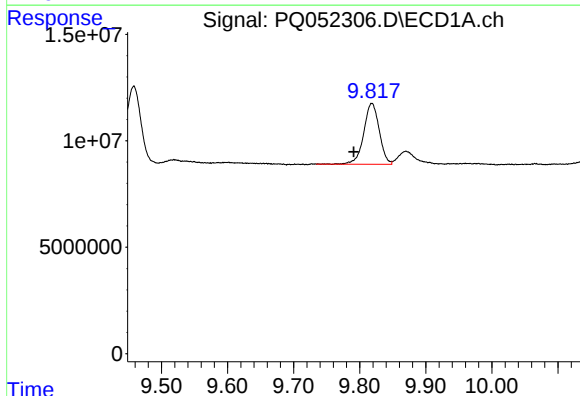
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 68311354
Conc: 22.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



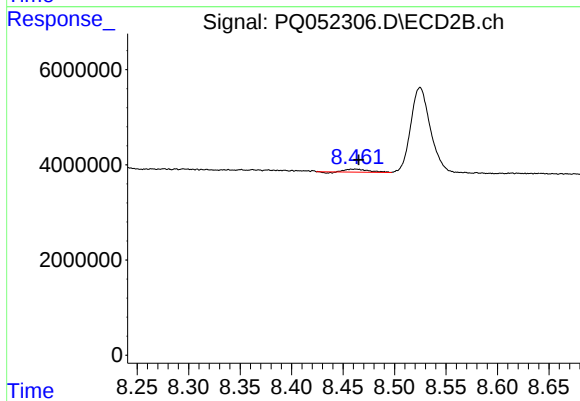
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 26433895
Conc: 19.71 ng/ml



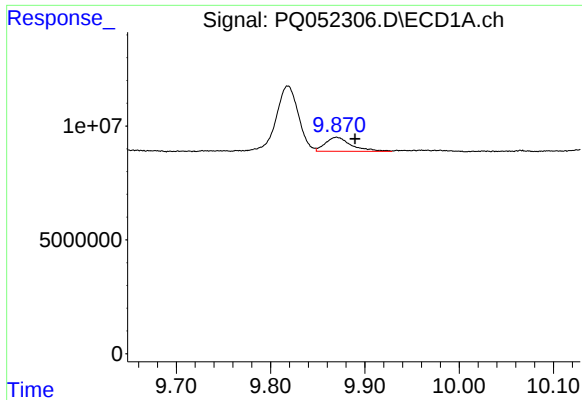
#38 AR-1262-3

R.T.: 9.818 min
Delta R.T.: 0.027 min
Response: 46581212
Conc: 23.40 ng/ml



#38 AR-1262-3

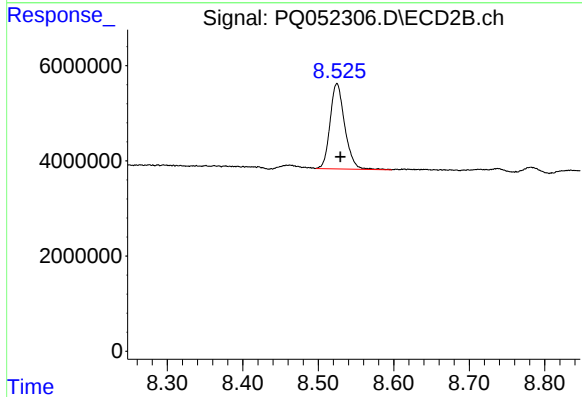
R.T.: 8.462 min
Delta R.T.: -0.003 min
Response: 924886
Conc: 1.77 ng/ml



#39 AR-1262-4

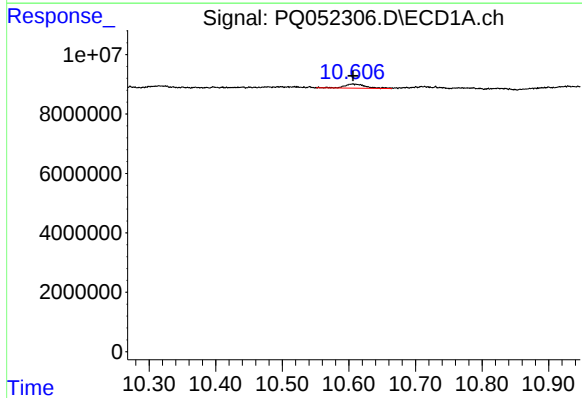
R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 11761471
Conc: 7.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



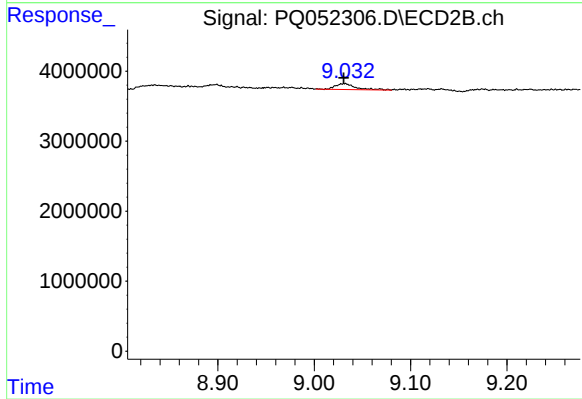
#39 AR-1262-4

R.T.: 8.525 min
Delta R.T.: -0.004 min
Response: 24175412
Conc: 24.74 ng/ml



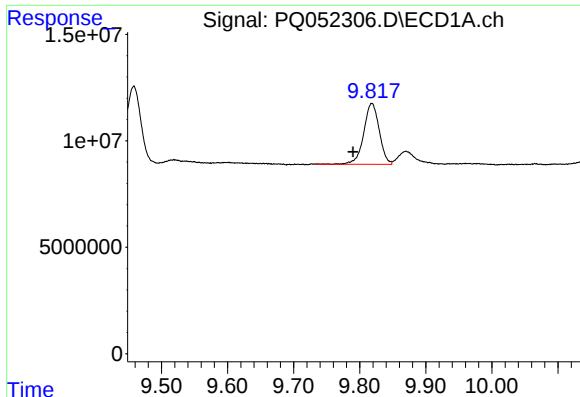
#40 AR-1262-5

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 3124805
Conc: 2.87 ng/ml



#40 AR-1262-5

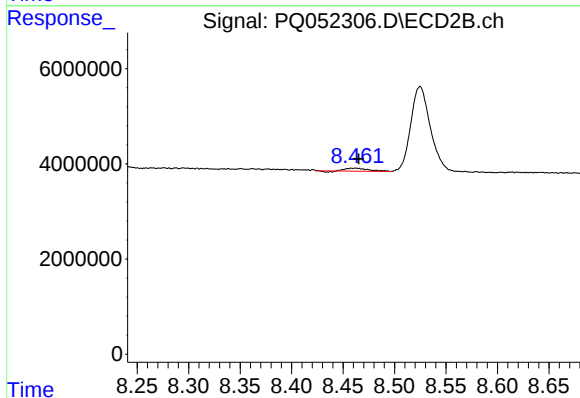
R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 1269397
Conc: 2.80 ng/ml



#41 AR-1268-1

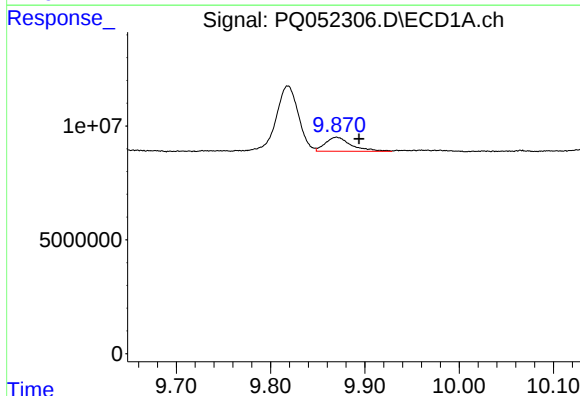
R.T.: 9.818 min
Delta R.T.: 0.029 min
Response: 46581212
Conc: 13.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



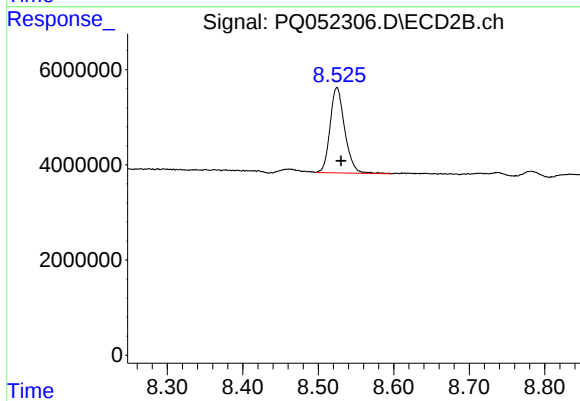
#41 AR-1268-1

R.T.: 8.462 min
Delta R.T.: -0.003 min
Response: 924886
Conc: 0.57 ng/ml



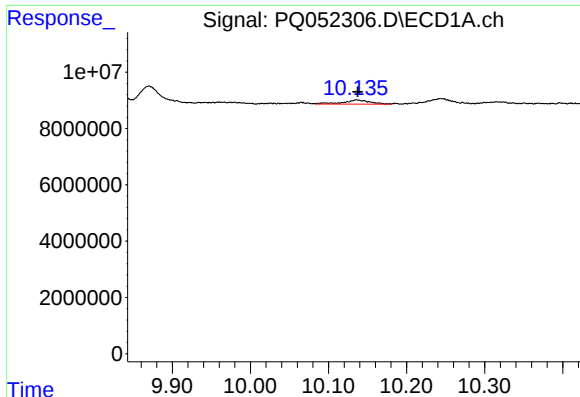
#42 AR-1268-2

R.T.: 9.870 min
Delta R.T.: -0.024 min
Response: 11761471
Conc: 3.58 ng/ml



#42 AR-1268-2

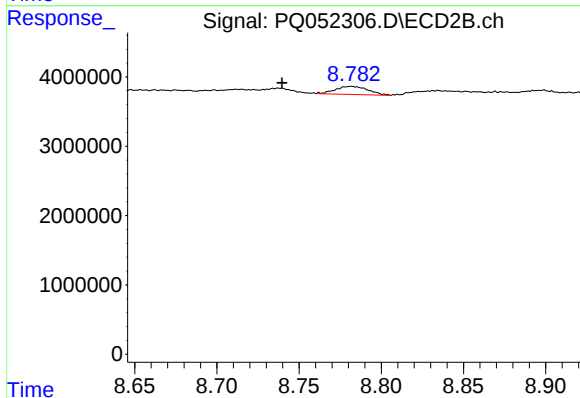
R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 24175412
Conc: 16.22 ng/ml



#43 AR-1268-3

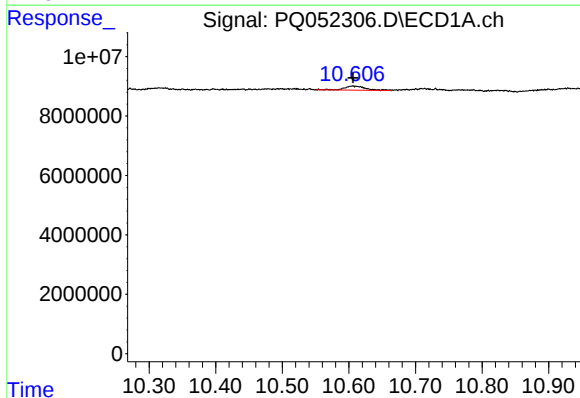
R.T.: 10.136 min
Delta R.T.: -0.001 min
Response: 3366724
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



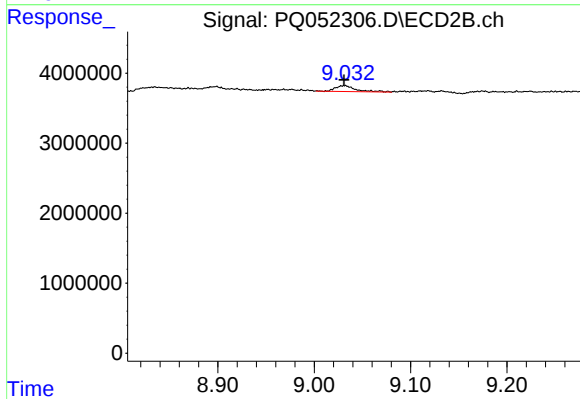
#43 AR-1268-3

R.T.: 8.782 min
Delta R.T.: 0.042 min
Response: 1623533
Conc: 1.29 ng/ml



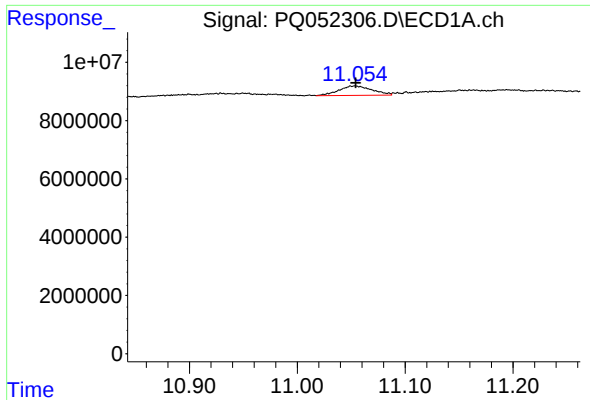
#44 AR-1268-4

R.T.: 10.606 min
Delta R.T.: 0.000 min
Response: 3124805
Conc: 2.56 ng/ml



#44 AR-1268-4

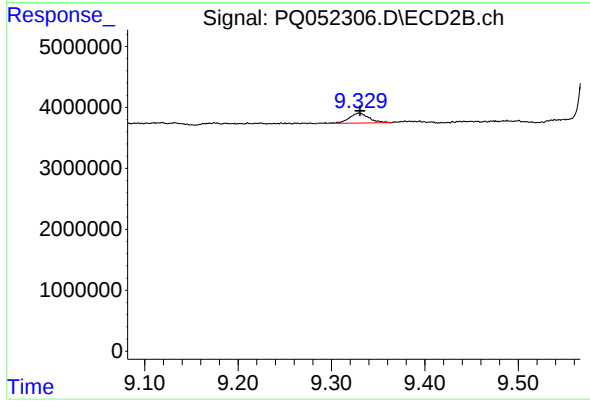
R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 1269397
Conc: 2.43 ng/ml



#45 AR-1268-5

R.T.: 11.053 min
Delta R.T.: -0.001 min
Response: 6928518
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.329 min
Delta R.T.: -0.001 min
Response: 2440141
Conc: 0.61 ng/ml