

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020821\
 Data File : PQ052088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2021 21:39
 Operator : DD\AJ
 Sample : M1331-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 06:41:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 09 06:20:03 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...	5.233	4.252	575.5E6	204.8E6	23.115	23.748
2)	SA Decachlor...	11.423	9.594	322.8E6	121.7E6	18.707	17.848
Target Compounds							
3)	L1 AR-1016-1	6.576f	5.508	46500250	1000322	57.612	3.405 #
4)	L1 AR-1016-2	6.576	5.539	46500250	8912876	38.808	21.297 #
5)	L1 AR-1016-3	6.653	5.725	10982783	2242733	15.237	10.318 #
6)	L1 AR-1016-4	6.759	5.772	10547292	5958138	17.550	34.608 #
7)	L1 AR-1016-5	7.069	5.993	8617839	4936127	14.910	22.895 #
8)	L2 AR-1221-1	5.492	4.496	21396750	2990788	85.368	35.527 #
9)	L2 AR-1221-2	5.588	4.606	6480619	4462688	36.218	67.791 #
10)	L2 AR-1221-3	5.684	4.699	4040069	1955402	7.017	9.384 #
11)	L3 AR-1232-1	5.684f	4.699	4040069	1955402	8.875	12.397 #
12)	L3 AR-1232-2	6.233f	5.539	570051	8912876	2.465	55.118 #
13)	L3 AR-1232-3	6.576	5.725	46500250	2242733	100.432	27.082 #
14)	L3 AR-1232-4	6.759	5.820	10547292	7076272	45.645	100.676 #
15)	L3 AR-1232-5	6.850	5.993	15967928	4936127	95.559	65.218 #
16)	L4 AR-1242-1	6.576f	5.508	46500250	1000322	86.041	5.053 #
17)	L4 AR-1242-2	6.576	5.539	46500250	8912876	57.646	32.206 #
18)	L4 AR-1242-3	6.653	5.725	10982783	2242733	22.599	15.513 #
19)	L4 AR-1242-4	6.759	5.820	10547292	7076272	26.001	51.456 #
20)	L4 AR-1242-5	0.000	6.385	0	35023677	N.D.	196.734 #
21)	L5 AR-1248-1	6.576f	5.508	46500250	1000322	94.788	5.663 #
22)	L5 AR-1248-2	6.850	5.772	15967928	5958138	22.945	24.747
23)	L5 AR-1248-3	7.069	5.820	8617839	7076272	10.801	28.583 #
24)	L5 AR-1248-4	7.504	5.993	176.6E6	4936127	198.429	16.491 #
25)	L5 AR-1248-5	0.000	6.427	0	12623698	N.D.	42.911 #
26)	L6 AR-1254-1	7.452	6.385	19348131	35023677	20.512	70.961 #
27)	L6 AR-1254-2	7.705	6.540	66435055	16644778	45.576	39.295
28)	L6 AR-1254-3	8.084	6.962	61916624	30152152	39.925	43.839
29)	L6 AR-1254-4	8.369	7.199	31218185	16205783	29.612	40.414 #
30)	L6 AR-1254-5	8.822f	7.629	197.4E6	88521903	170.886	152.780
31)	L7 AR-1260-1	8.241	7.099	20253363	27240042	20.630	68.508 #
32)	L7 AR-1260-2	8.504	7.296	175.2E6	22383232	150.525	45.307 #
33)	L7 AR-1260-3	8.870	7.450	12129811	18357886	14.318	40.016 #
34)	L7 AR-1260-4	9.107	7.933	23053551	14951562	23.515	39.088 #
35)	L7 AR-1260-5	9.460	8.178	24230191	11504443	12.325	12.360
36)	L8 AR-1262-1	8.870	7.629	12129811	88521903	8.909	290.512 #
37)	L8 AR-1262-2	9.460	8.178	24230191	11504443	10.002	10.265
38)	L8 AR-1262-3	9.792	8.466	10635211	8719620	10.306	20.183 #
39)	L8 AR-1262-4	9.894	8.529	19665679	10910628	16.617	13.643
40)	L8 AR-1262-5	10.609	9.032	8748952	3843929	10.902	11.035
41)	L9 AR-1268-1	9.792	8.466	10635211	8719620	3.911	6.990 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020821\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2021 21:39
 Operator : DD\AJ
 Sample : M1331-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

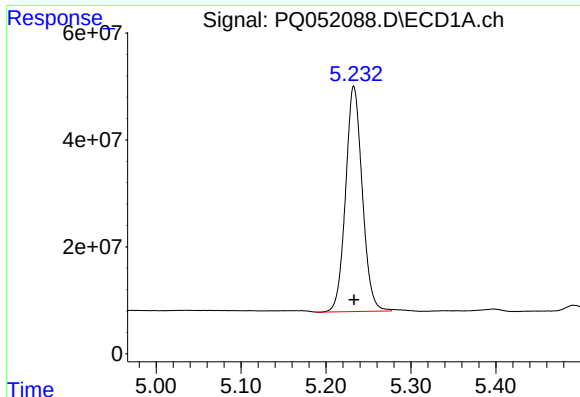
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 06:41:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020821.M
 Quant Title : GC EXTRACTABLES
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 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	9.894	8.529	19665679	10910628	7.951	9.484
43) L9	AR-1268-3	10.137	8.738	9391919	4317451	4.434	4.420
44) L9	AR-1268-4	10.609	9.032	8748952	3843929	10.373	10.513
45) L9	AR-1268-5	11.056	9.332	10260555	4050210	1.514	1.394

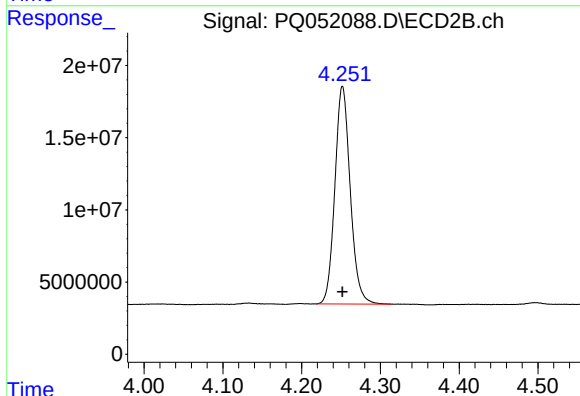
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

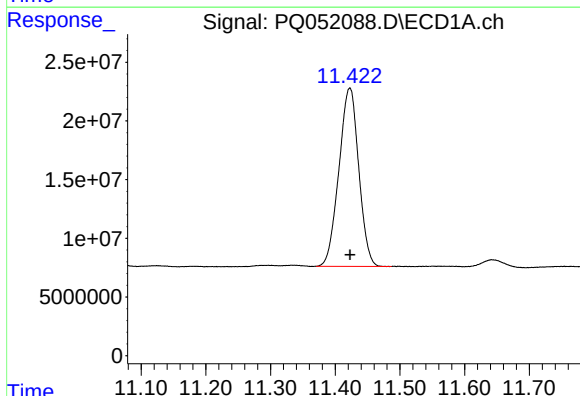
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 575506854
Conc: 23.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



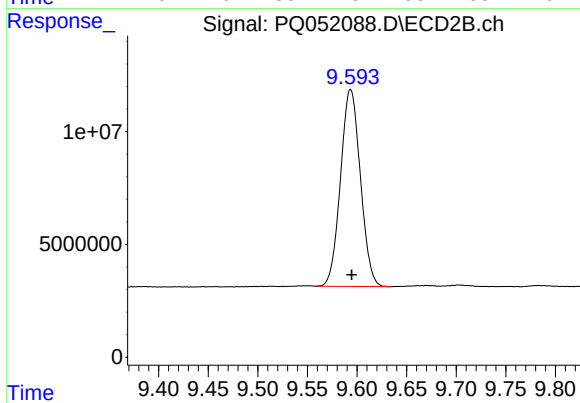
#1 Tetrachloro-m-xylene

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 204769309
Conc: 23.75 ng/ml



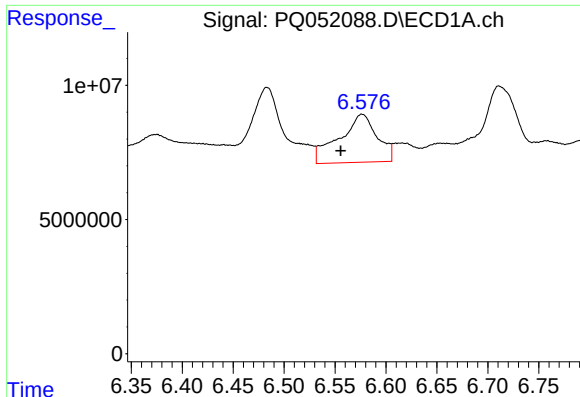
#2 Decachlorobiphenyl

R.T.: 11.423 min
Delta R.T.: 0.000 min
Response: 322750236
Conc: 18.71 ng/ml



#2 Decachlorobiphenyl

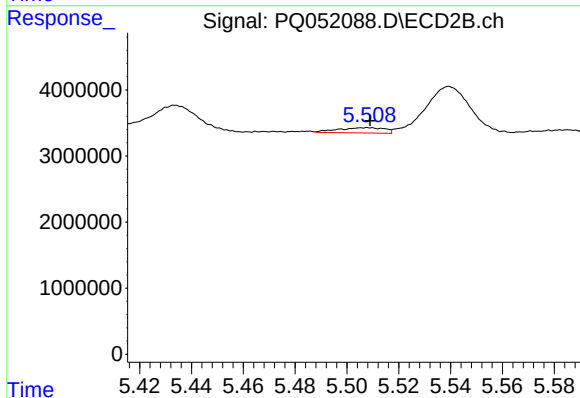
R.T.: 9.594 min
Delta R.T.: 0.000 min
Response: 121740213
Conc: 17.85 ng/ml



#3 AR-1016-1

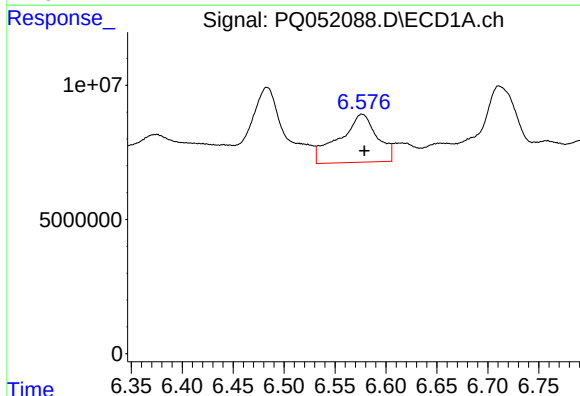
R.T.: 6.576 min
Delta R.T.: 0.021 min
Response: 46500250
Conc: 57.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



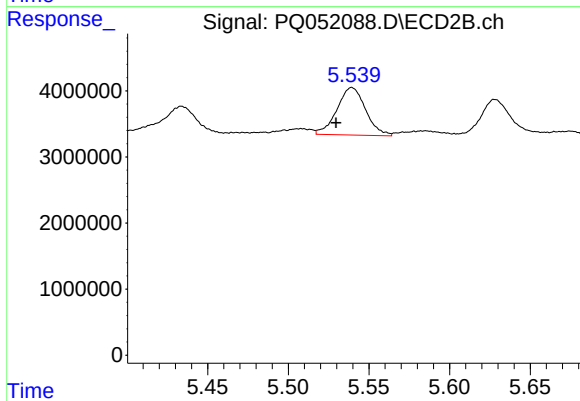
#3 AR-1016-1

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1000322
Conc: 3.40 ng/ml



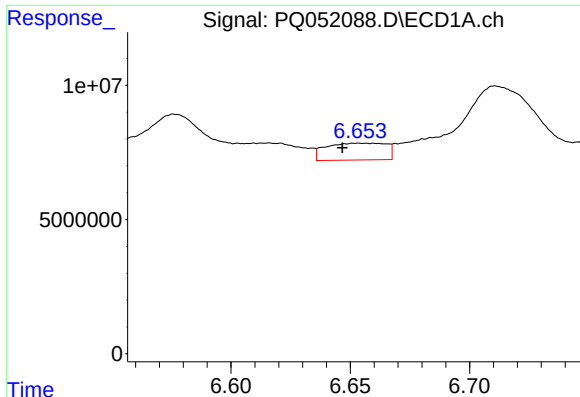
#4 AR-1016-2

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 46500250
Conc: 38.81 ng/ml



#4 AR-1016-2

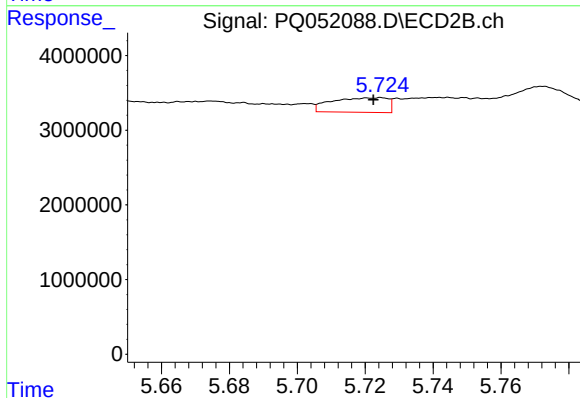
R.T.: 5.539 min
Delta R.T.: 0.010 min
Response: 8912876
Conc: 21.30 ng/ml



#5 AR-1016-3

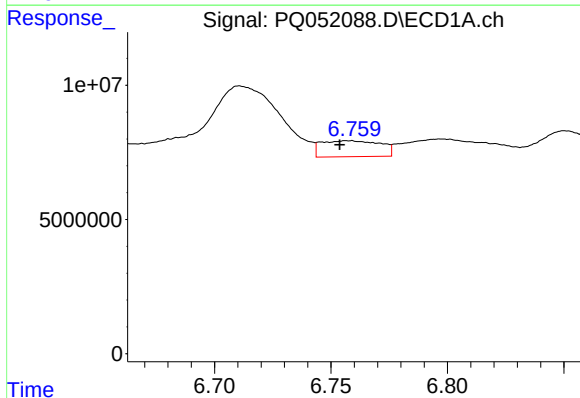
R.T.: 6.653 min
Delta R.T.: 0.007 min
Response: 10982783
Conc: 15.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



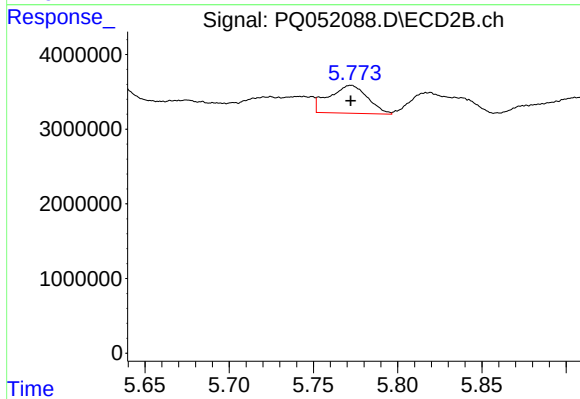
#5 AR-1016-3

R.T.: 5.725 min
Delta R.T.: 0.002 min
Response: 2242733
Conc: 10.32 ng/ml



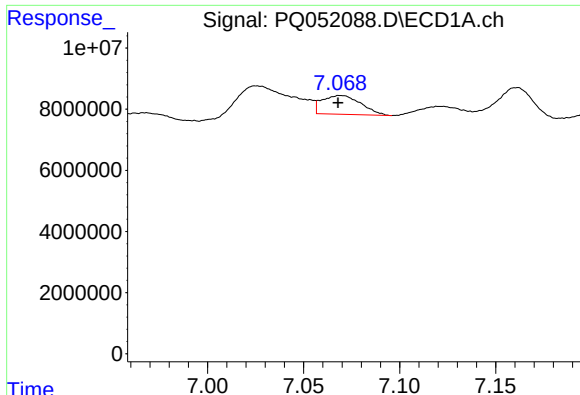
#6 AR-1016-4

R.T.: 6.759 min
Delta R.T.: 0.005 min
Response: 10547292
Conc: 17.55 ng/ml



#6 AR-1016-4

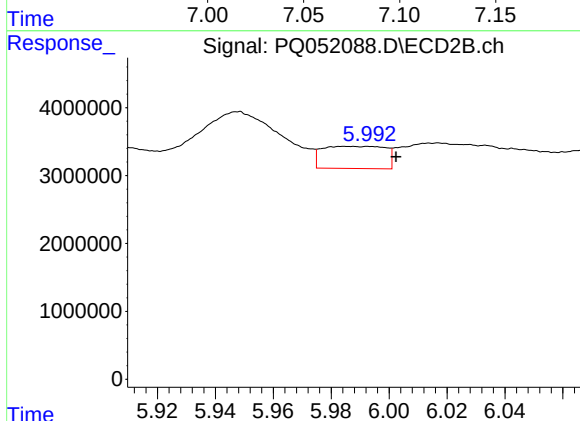
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 5958138
Conc: 34.61 ng/ml



#7 AR-1016-5

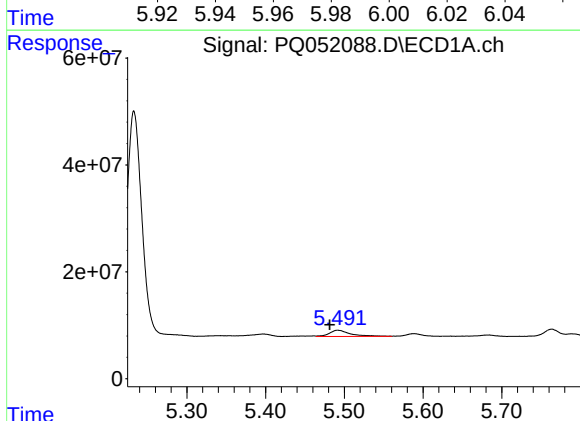
R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 8617839
Conc: 14.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



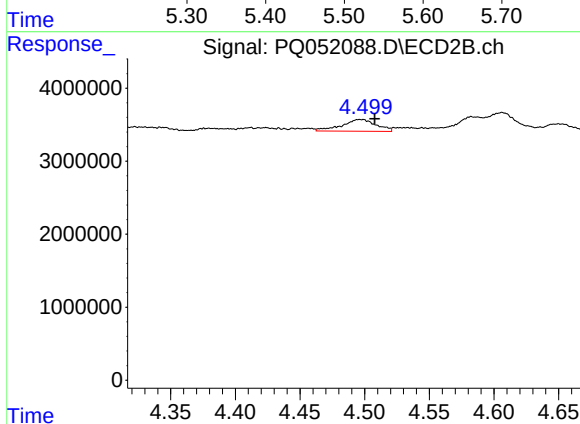
#7 AR-1016-5

R.T.: 5.993 min
Delta R.T.: -0.010 min
Response: 4936127
Conc: 22.89 ng/ml



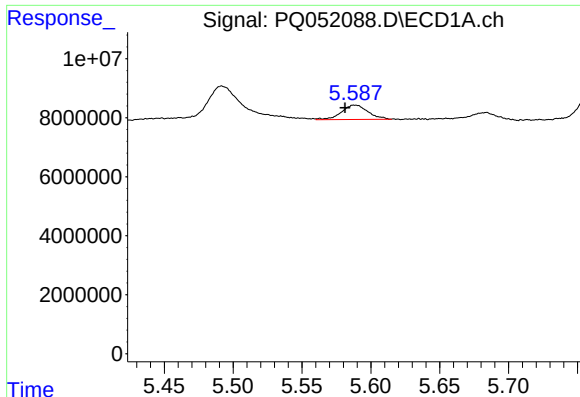
#8 AR-1221-1

R.T.: 5.492 min
Delta R.T.: 0.010 min
Response: 21396750
Conc: 85.37 ng/ml



#8 AR-1221-1

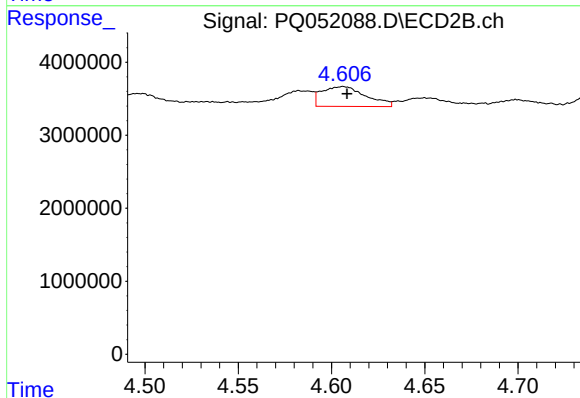
R.T.: 4.496 min
Delta R.T.: -0.012 min
Response: 2990788
Conc: 35.53 ng/ml



#9 AR-1221-2

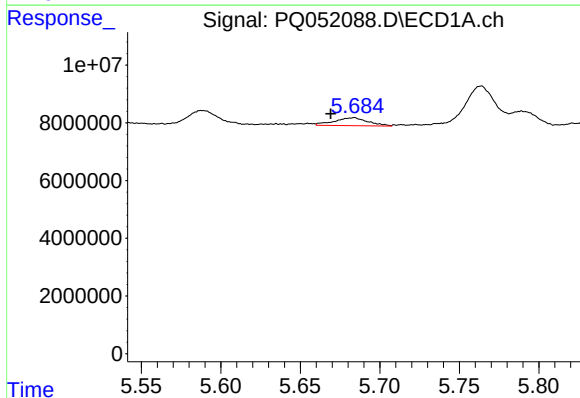
R.T.: 5.588 min
Delta R.T.: 0.007 min
Response: 6480619
Conc: 36.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



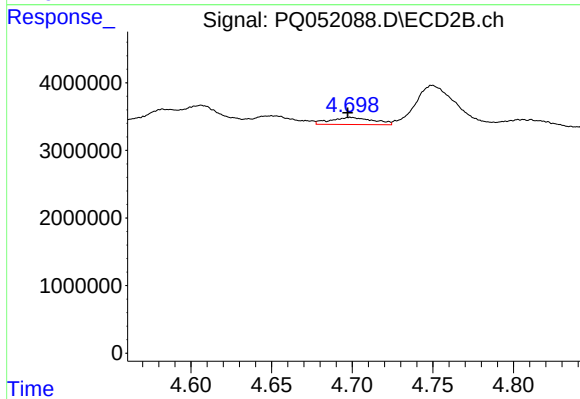
#9 AR-1221-2

R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 4462688
Conc: 67.79 ng/ml



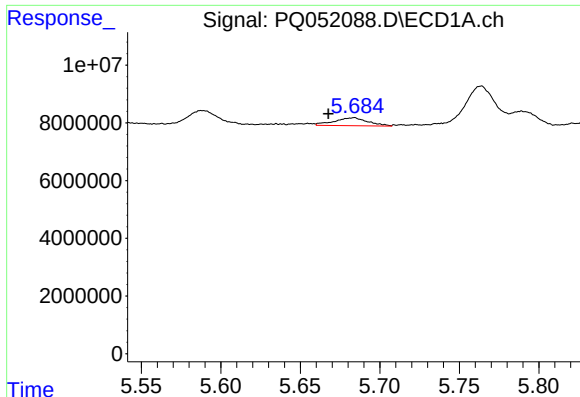
#10 AR-1221-3

R.T.: 5.684 min
Delta R.T.: 0.015 min
Response: 4040069
Conc: 7.02 ng/ml



#10 AR-1221-3

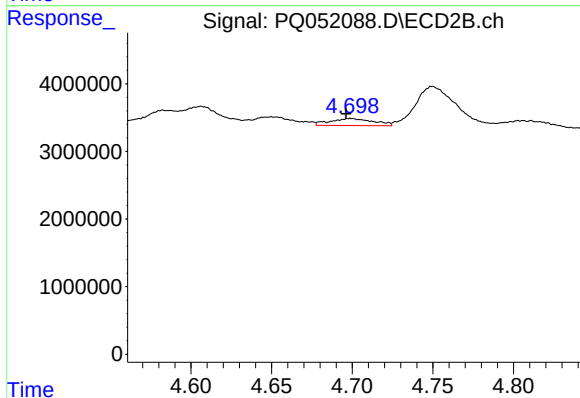
R.T.: 4.699 min
Delta R.T.: 0.002 min
Response: 1955402
Conc: 9.38 ng/ml



#11 AR-1232-1

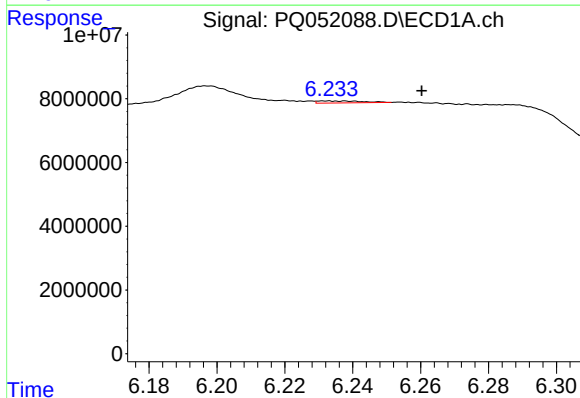
R.T.: 5.684 min
Delta R.T.: 0.016 min
Response: 4040069
Conc: 8.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



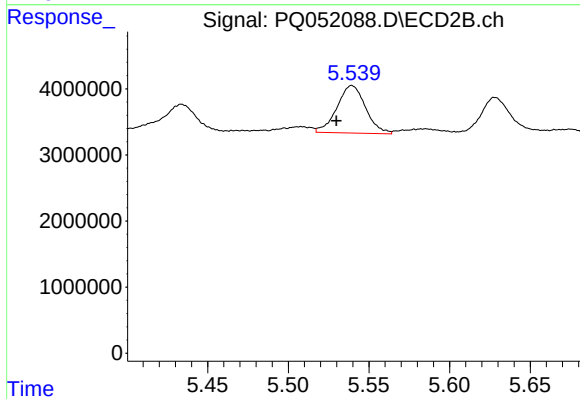
#11 AR-1232-1

R.T.: 4.699 min
Delta R.T.: 0.003 min
Response: 1955402
Conc: 12.40 ng/ml



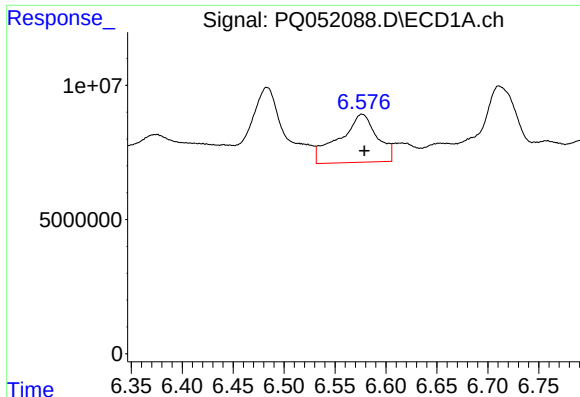
#12 AR-1232-2

R.T.: 6.233 min
Delta R.T.: -0.027 min
Response: 570051
Conc: 2.46 ng/ml



#12 AR-1232-2

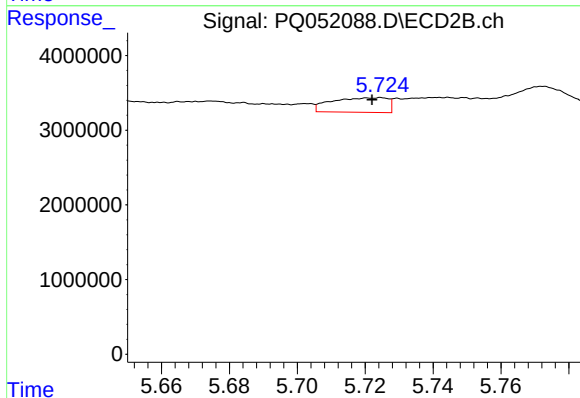
R.T.: 5.539 min
Delta R.T.: 0.010 min
Response: 8912876
Conc: 55.12 ng/ml



#13 AR-1232-3

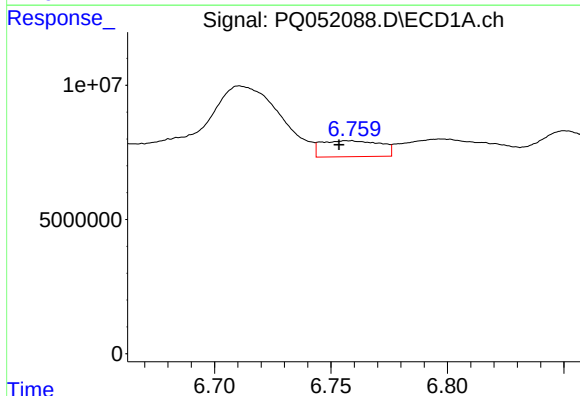
R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 46500250
Conc: 100.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



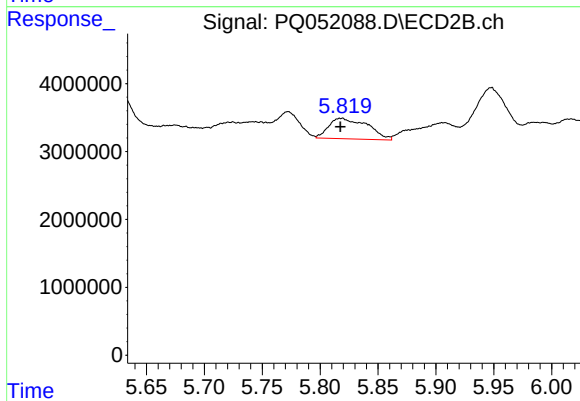
#13 AR-1232-3

R.T.: 5.725 min
Delta R.T.: 0.003 min
Response: 2242733
Conc: 27.08 ng/ml



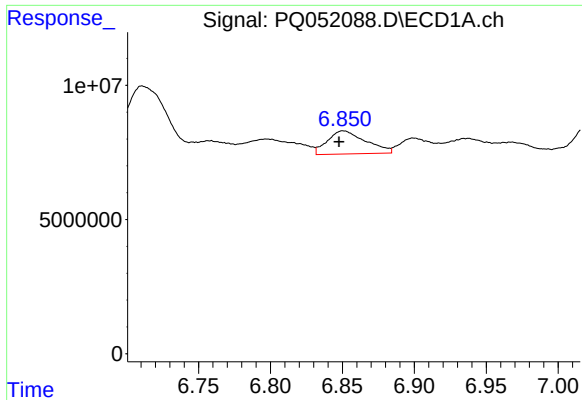
#14 AR-1232-4

R.T.: 6.759 min
Delta R.T.: 0.005 min
Response: 10547292
Conc: 45.64 ng/ml



#14 AR-1232-4

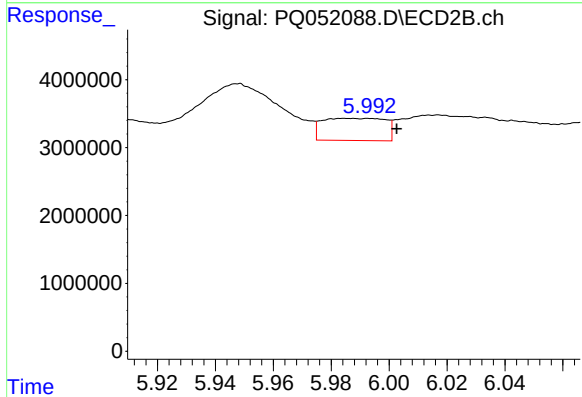
R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 7076272
Conc: 100.68 ng/ml



#15 AR-1232-5

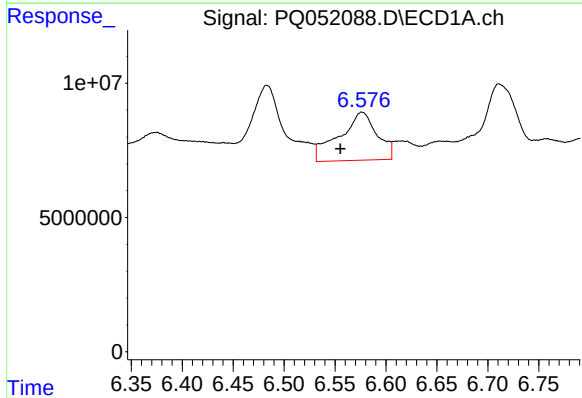
R.T.: 6.850 min
Delta R.T.: 0.003 min
Response: 15967928
Conc: 95.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



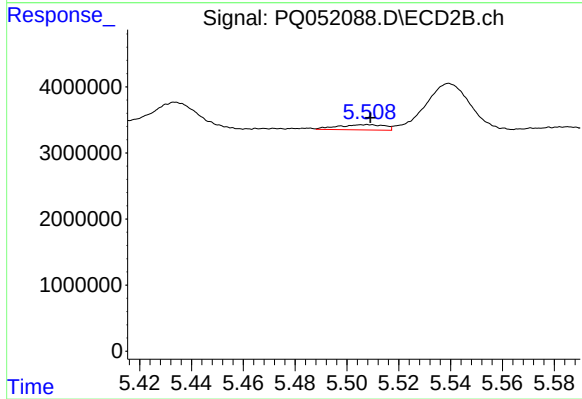
#15 AR-1232-5

R.T.: 5.993 min
Delta R.T.: -0.010 min
Response: 4936127
Conc: 65.22 ng/ml



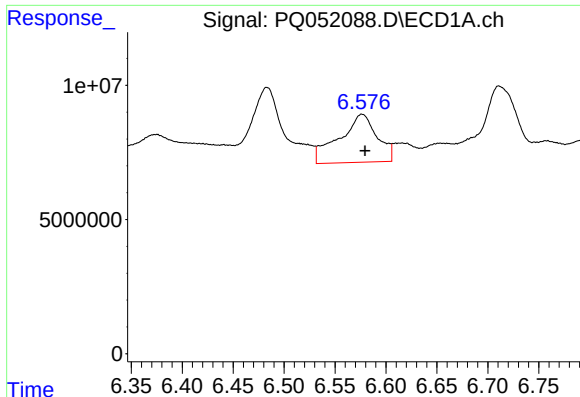
#16 AR-1242-1

R.T.: 6.576 min
Delta R.T.: 0.021 min
Response: 46500250
Conc: 86.04 ng/ml



#16 AR-1242-1

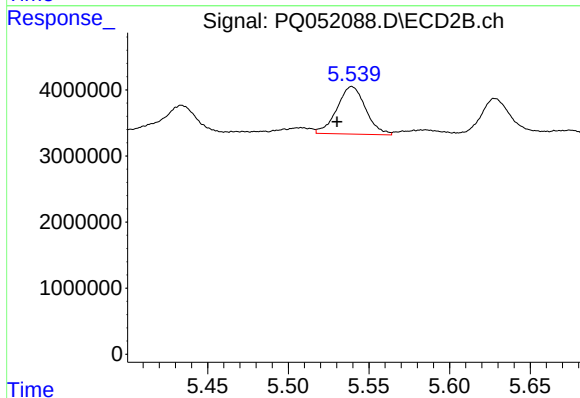
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1000322
Conc: 5.05 ng/ml



#17 AR-1242-2

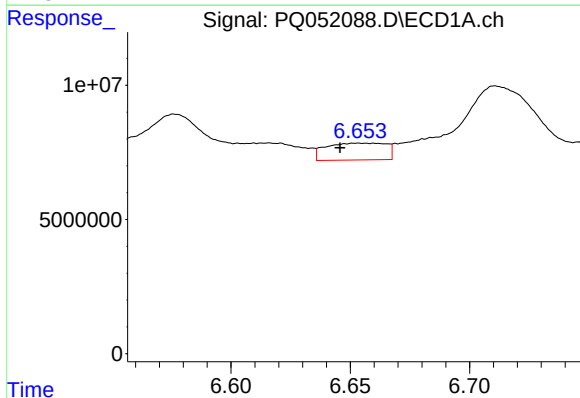
R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 46500250
Conc: 57.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



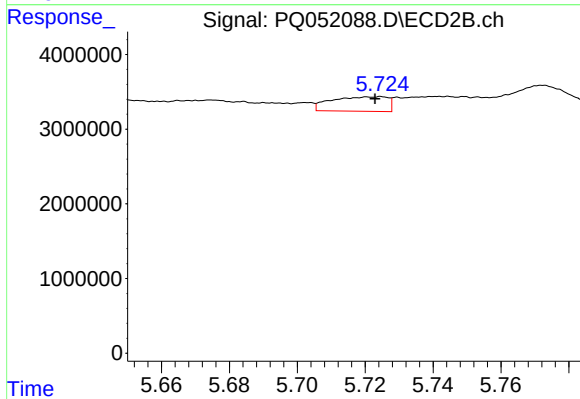
#17 AR-1242-2

R.T.: 5.539 min
Delta R.T.: 0.009 min
Response: 8912876
Conc: 32.21 ng/ml



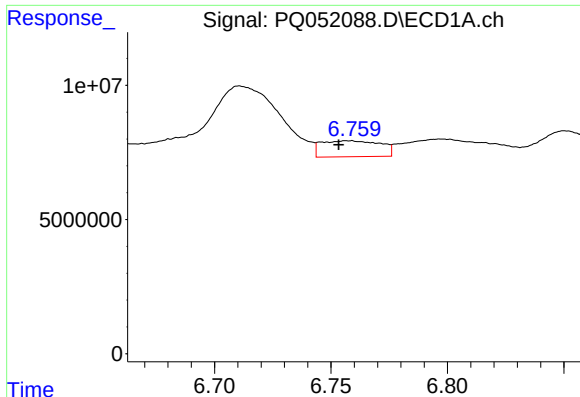
#18 AR-1242-3

R.T.: 6.653 min
Delta R.T.: 0.008 min
Response: 10982783
Conc: 22.60 ng/ml



#18 AR-1242-3

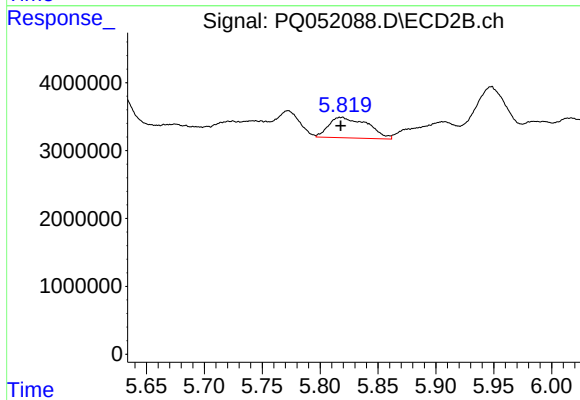
R.T.: 5.725 min
Delta R.T.: 0.002 min
Response: 2242733
Conc: 15.51 ng/ml



#19 AR-1242-4

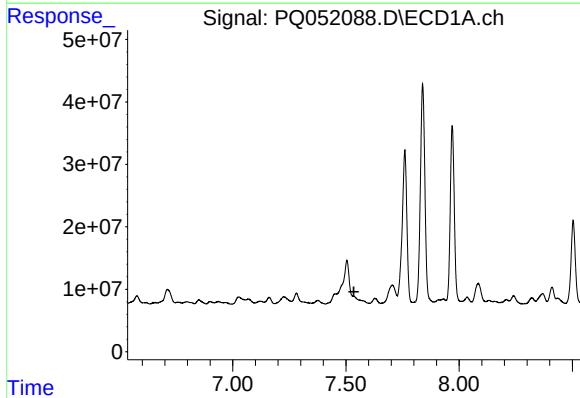
R.T.: 6.759 min
Delta R.T.: 0.006 min
Response: 10547292
Conc: 26.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



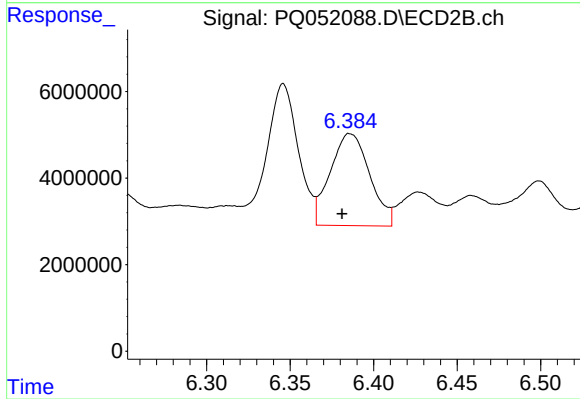
#19 AR-1242-4

R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 7076272
Conc: 51.46 ng/ml



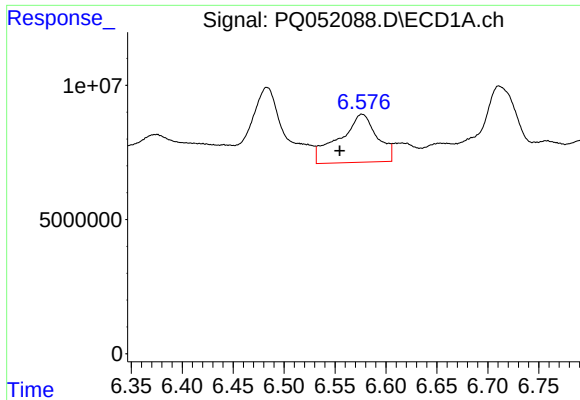
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.535 min
Response: 0
Conc: N.D.



#20 AR-1242-5

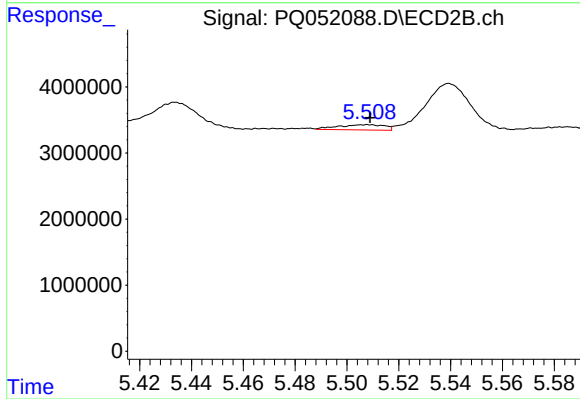
R.T.: 6.385 min
Delta R.T.: 0.004 min
Response: 35023677
Conc: 196.73 ng/ml



#21 AR-1248-1

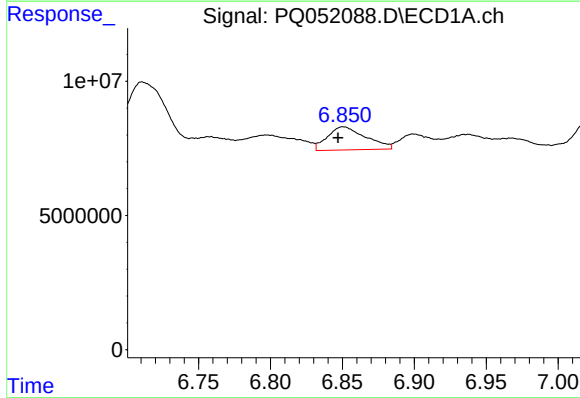
R.T.: 6.576 min
Delta R.T.: 0.022 min
Response: 46500250
Conc: 94.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



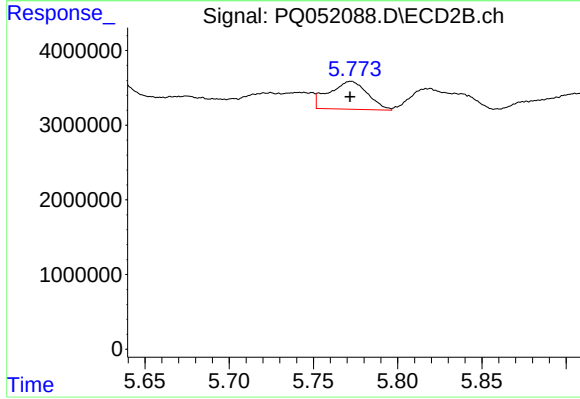
#21 AR-1248-1

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1000322
Conc: 5.66 ng/ml



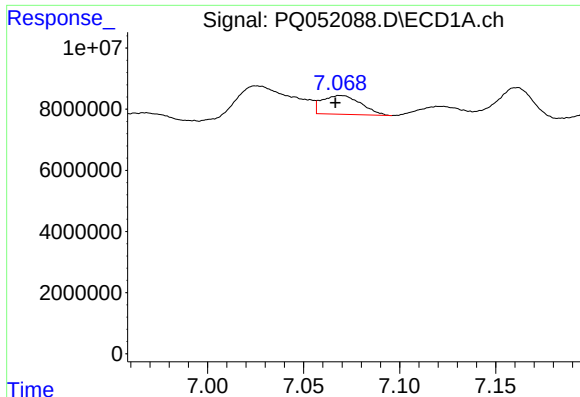
#22 AR-1248-2

R.T.: 6.850 min
Delta R.T.: 0.003 min
Response: 15967928
Conc: 22.95 ng/ml



#22 AR-1248-2

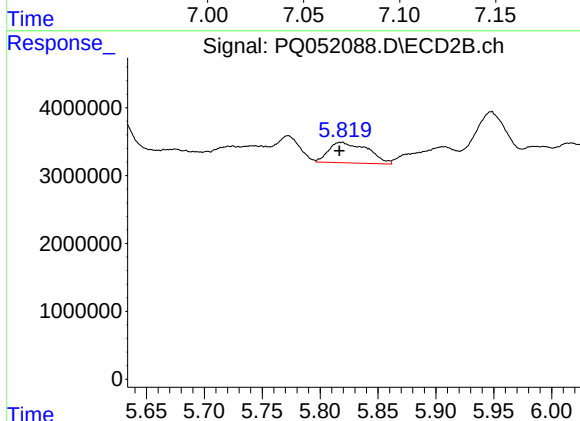
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 5958138
Conc: 24.75 ng/ml



#23 AR-1248-3

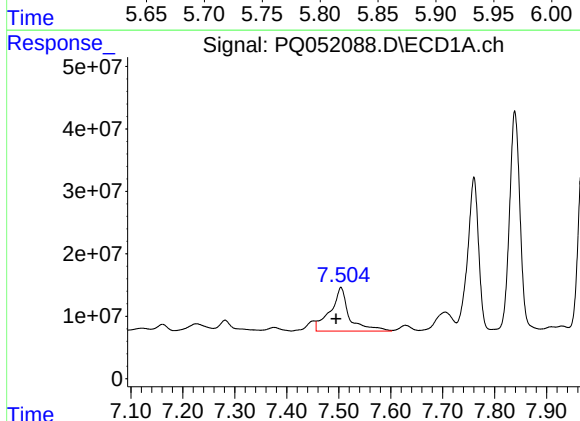
R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 8617839
Conc: 10.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



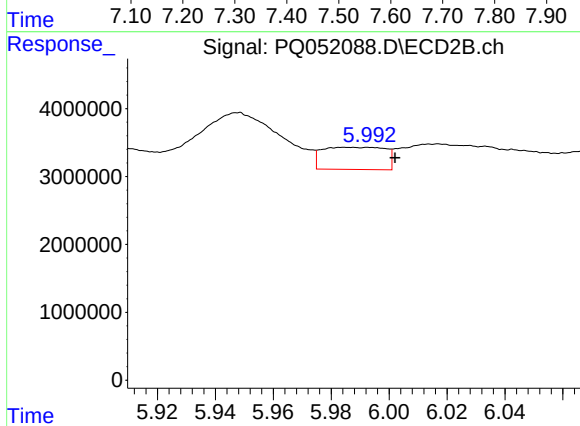
#23 AR-1248-3

R.T.: 5.820 min
Delta R.T.: 0.003 min
Response: 7076272
Conc: 28.58 ng/ml



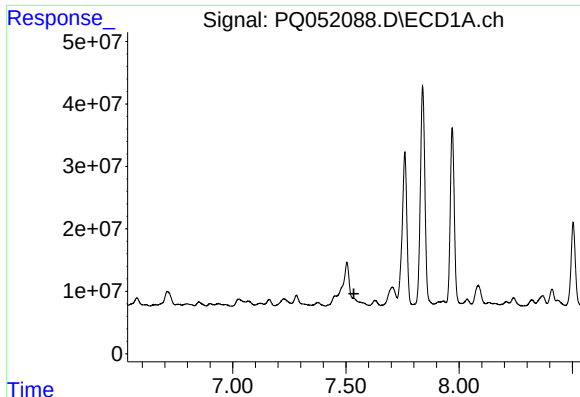
#24 AR-1248-4

R.T.: 7.504 min
Delta R.T.: 0.009 min
Response: 176563439
Conc: 198.43 ng/ml



#24 AR-1248-4

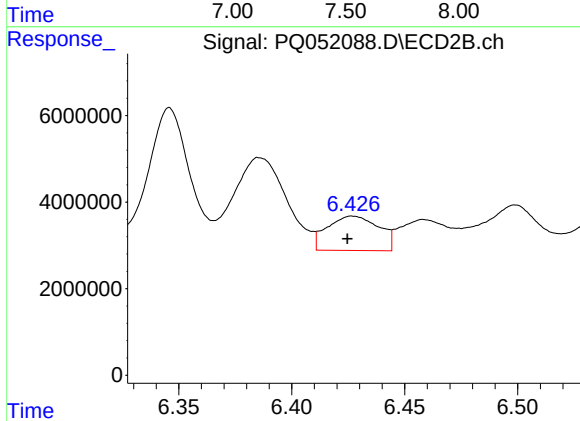
R.T.: 5.993 min
Delta R.T.: -0.009 min
Response: 4936127
Conc: 16.49 ng/ml



#25 AR-1248-5

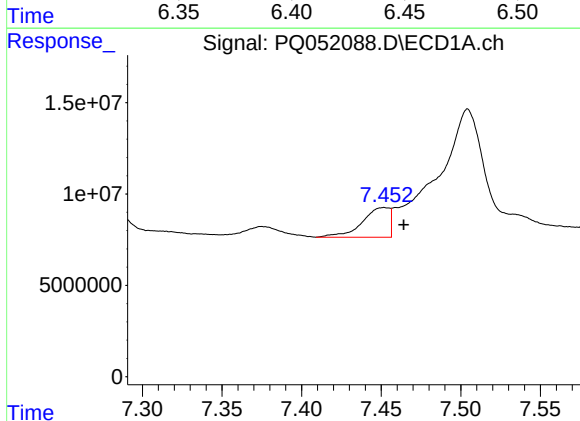
R.T.: 0.000 min
Exp R.T.: 7.535 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



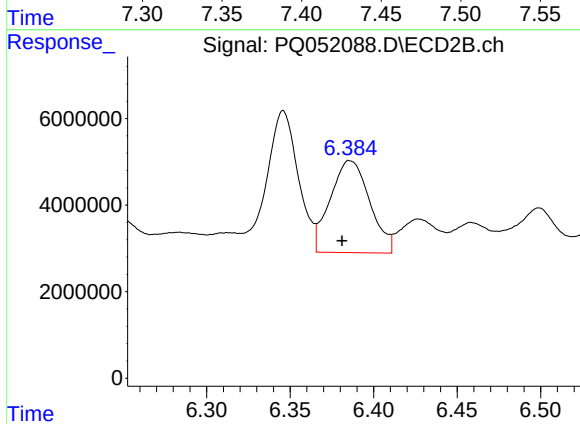
#25 AR-1248-5

R.T.: 6.427 min
Delta R.T.: 0.002 min
Response: 12623698
Conc: 42.91 ng/ml



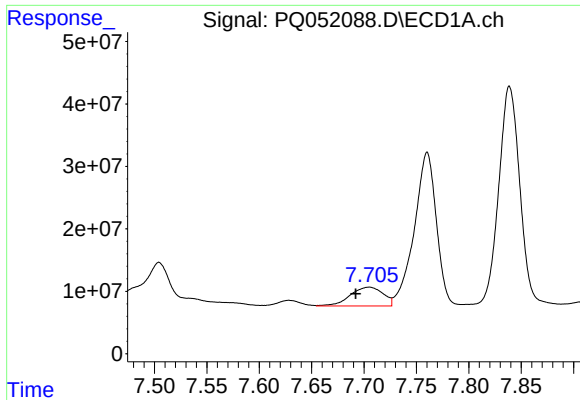
#26 AR-1254-1

R.T.: 7.452 min
Delta R.T.: -0.012 min
Response: 19348131
Conc: 20.51 ng/ml



#26 AR-1254-1

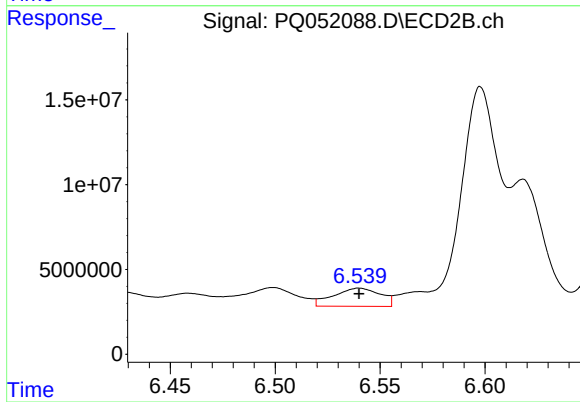
R.T.: 6.385 min
Delta R.T.: 0.004 min
Response: 35023677
Conc: 70.96 ng/ml



#27 AR-1254-2

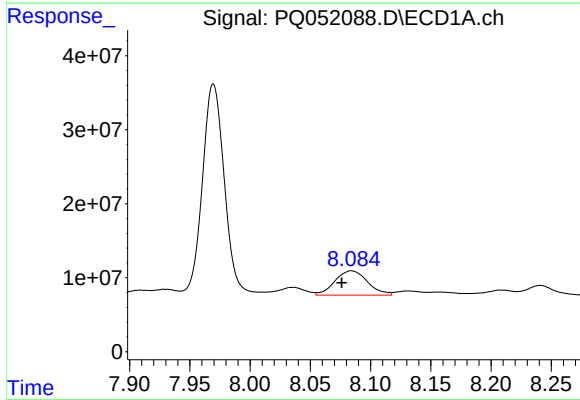
R.T.: 7.705 min
Delta R.T.: 0.013 min
Response: 66435055
Conc: 45.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



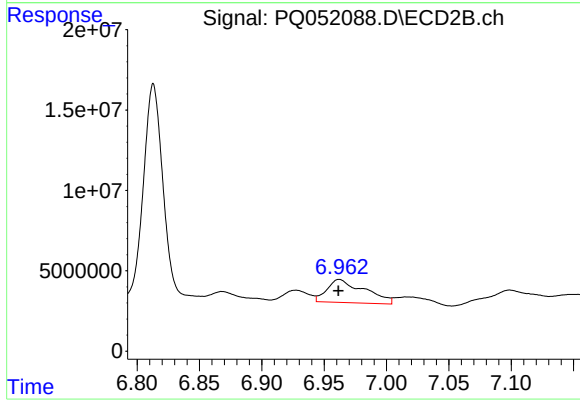
#27 AR-1254-2

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 16644778
Conc: 39.29 ng/ml



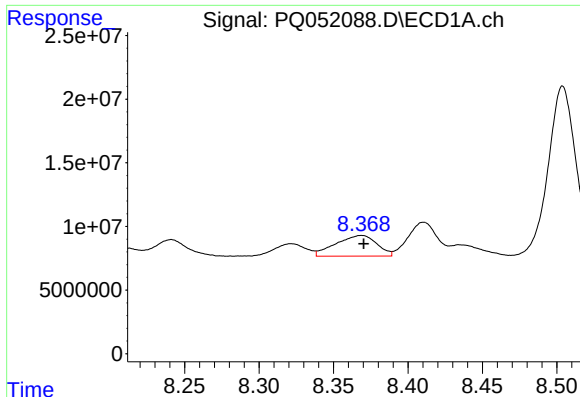
#28 AR-1254-3

R.T.: 8.084 min
Delta R.T.: 0.008 min
Response: 61916624
Conc: 39.93 ng/ml



#28 AR-1254-3

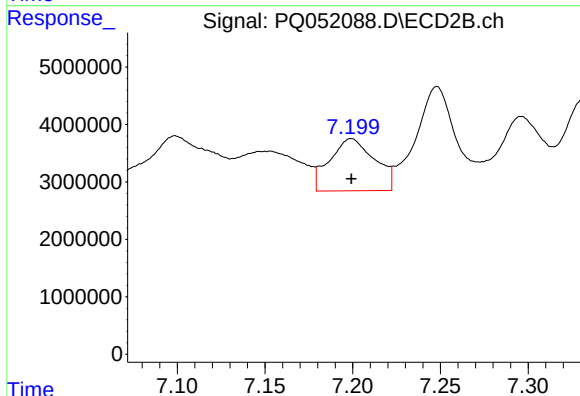
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 30152152
Conc: 43.84 ng/ml



#29 AR-1254-4

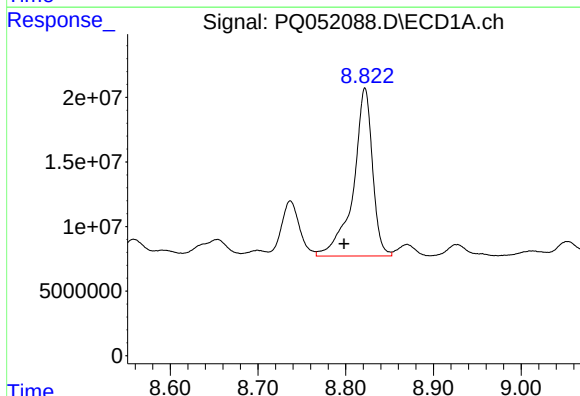
R.T.: 8.369 min
Delta R.T.: -0.001 min
Response: 31218185
Conc: 29.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



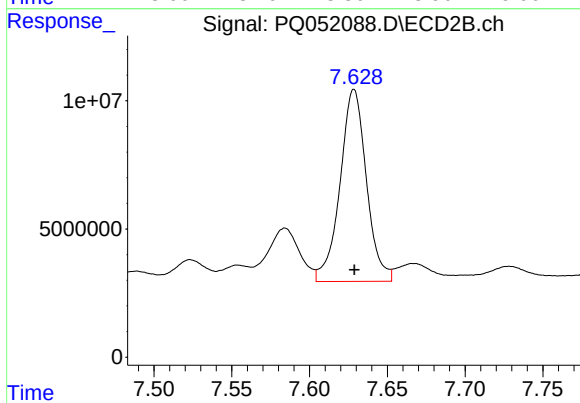
#29 AR-1254-4

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 16205783
Conc: 40.41 ng/ml



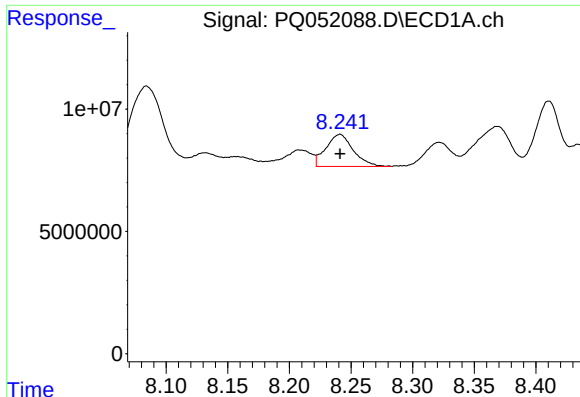
#30 AR-1254-5

R.T.: 8.822 min
Delta R.T.: 0.024 min
Response: 197372068
Conc: 170.89 ng/ml



#30 AR-1254-5

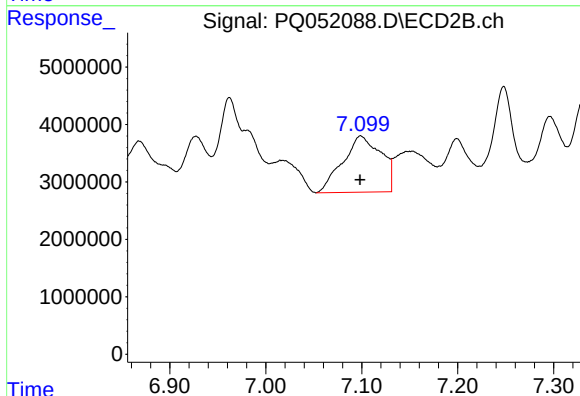
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 88521903
Conc: 152.78 ng/ml



#31 AR-1260-1

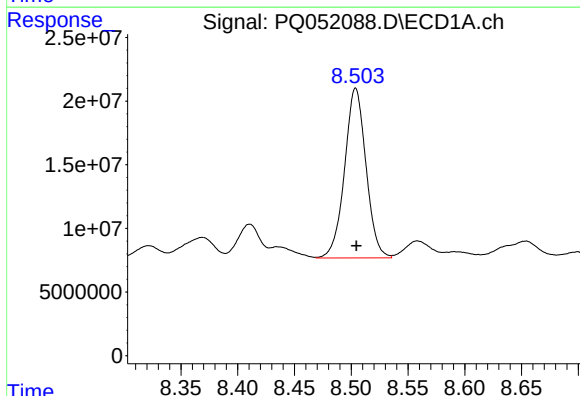
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 20253363
Conc: 20.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



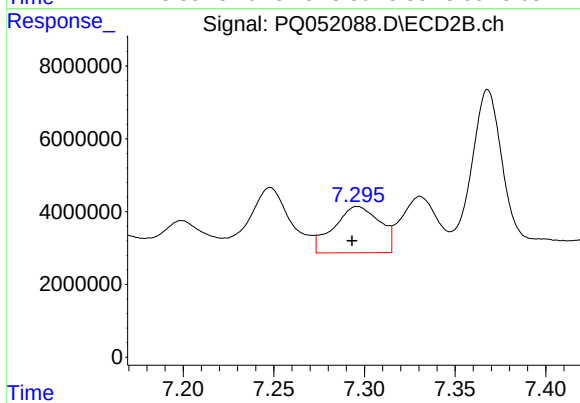
#31 AR-1260-1

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 27240042
Conc: 68.51 ng/ml



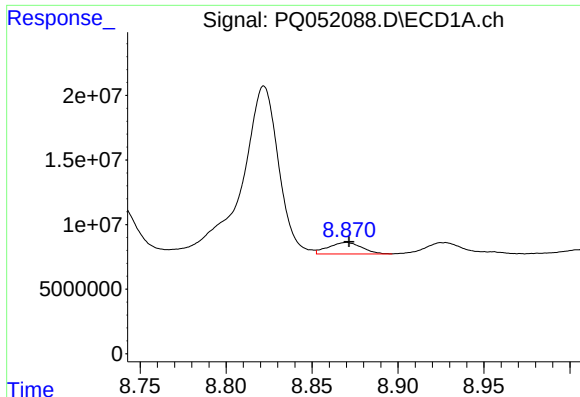
#32 AR-1260-2

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 175205615
Conc: 150.52 ng/ml



#32 AR-1260-2

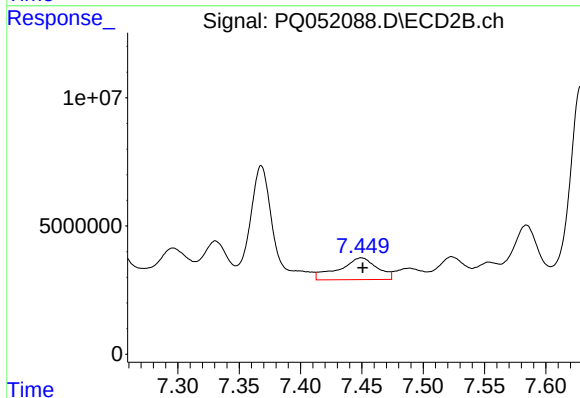
R.T.: 7.296 min
Delta R.T.: 0.003 min
Response: 22383232
Conc: 45.31 ng/ml



#33 AR-1260-3

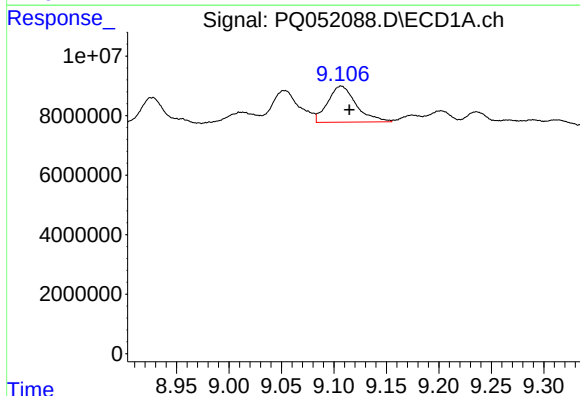
R.T.: 8.870 min
Delta R.T.: -0.001 min
Response: 12129811
Conc: 14.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



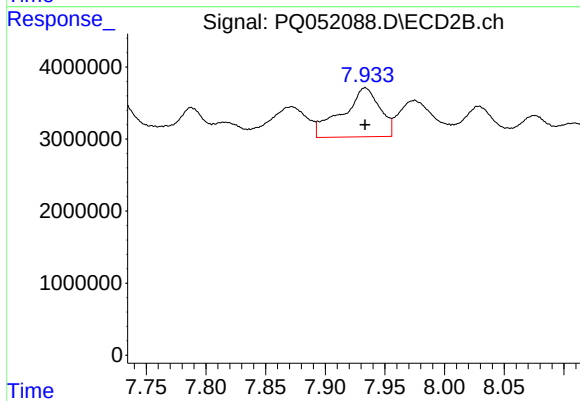
#33 AR-1260-3

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 18357886
Conc: 40.02 ng/ml



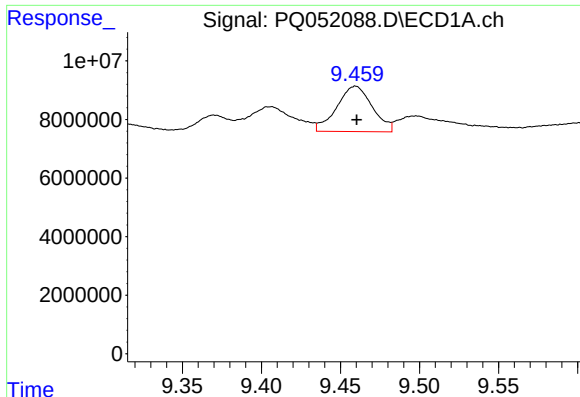
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.008 min
Response: 23053551
Conc: 23.51 ng/ml



#34 AR-1260-4

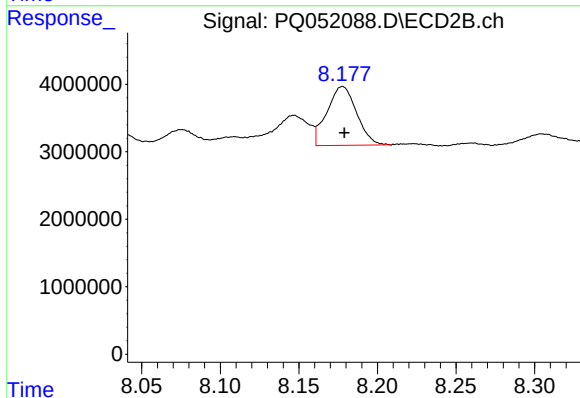
R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 14951562
Conc: 39.09 ng/ml



#35 AR-1260-5

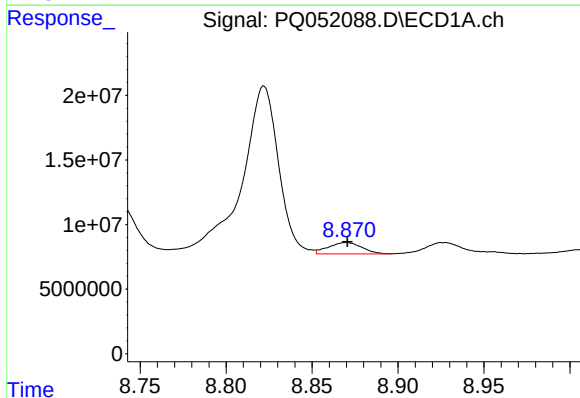
R.T.: 9.460 min
Delta R.T.: 0.000 min
Response: 24230191
Conc: 12.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



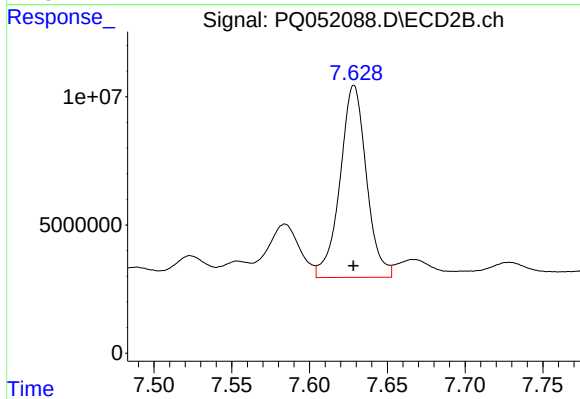
#35 AR-1260-5

R.T.: 8.178 min
Delta R.T.: -0.001 min
Response: 11504443
Conc: 12.36 ng/ml



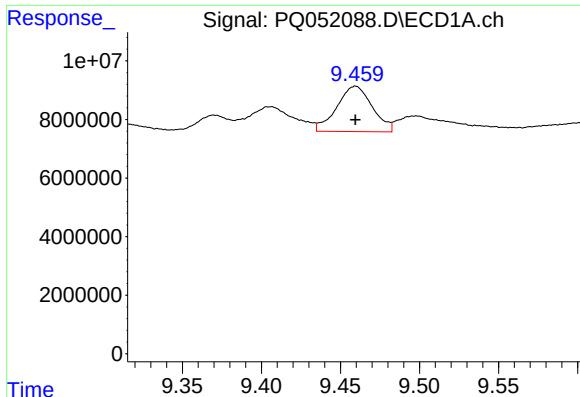
#36 AR-1262-1

R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 12129811
Conc: 8.91 ng/ml



#36 AR-1262-1

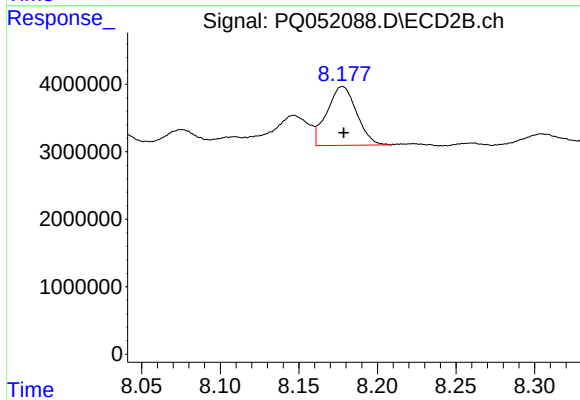
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 88521903
Conc: 290.51 ng/ml



#37 AR-1262-2

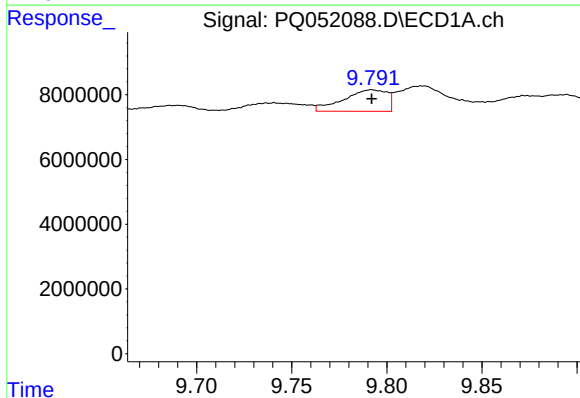
R.T.: 9.460 min
Delta R.T.: 0.000 min
Response: 24230191
Conc: 10.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



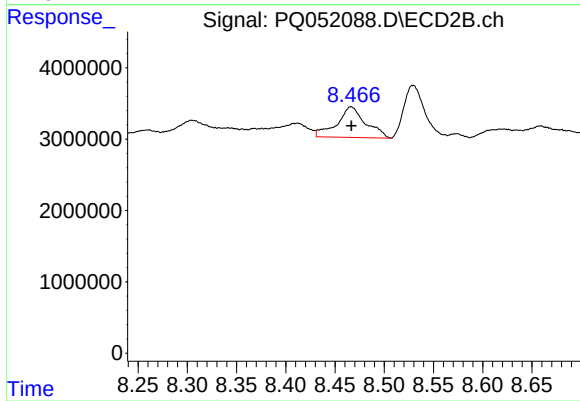
#37 AR-1262-2

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 11504443
Conc: 10.26 ng/ml



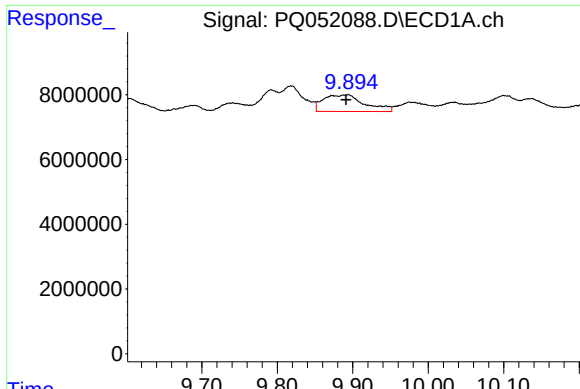
#38 AR-1262-3

R.T.: 9.792 min
Delta R.T.: 0.000 min
Response: 10635211
Conc: 10.31 ng/ml



#38 AR-1262-3

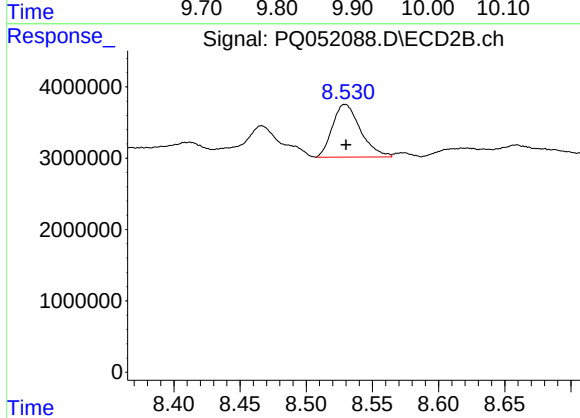
R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 8719620
Conc: 20.18 ng/ml



#39 AR-1262-4

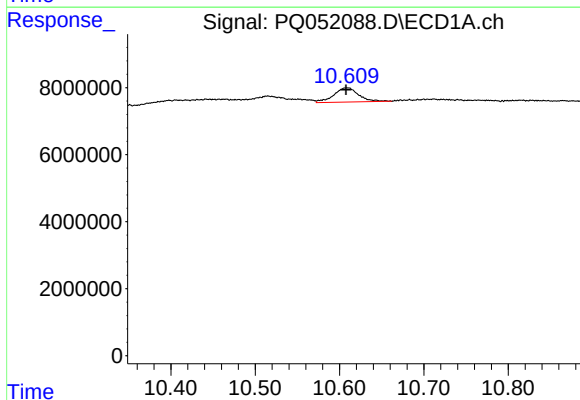
R.T.: 9.894 min
Delta R.T.: 0.003 min
Response: 19665679
Conc: 16.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



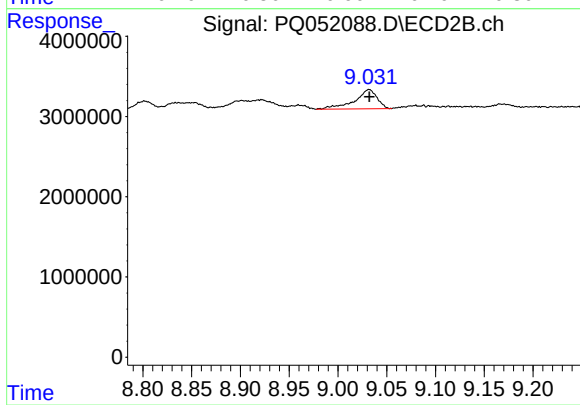
#39 AR-1262-4

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 10910628
Conc: 13.64 ng/ml



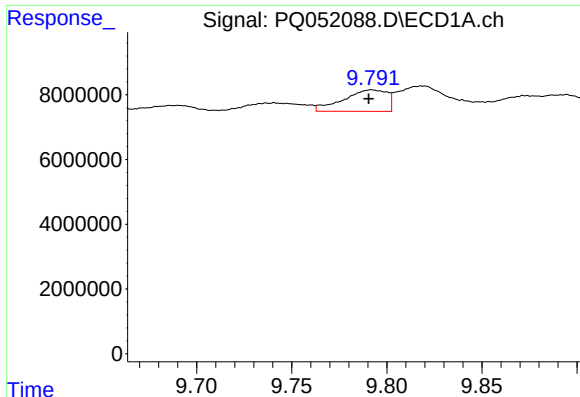
#40 AR-1262-5

R.T.: 10.609 min
Delta R.T.: 0.001 min
Response: 8748952
Conc: 10.90 ng/ml



#40 AR-1262-5

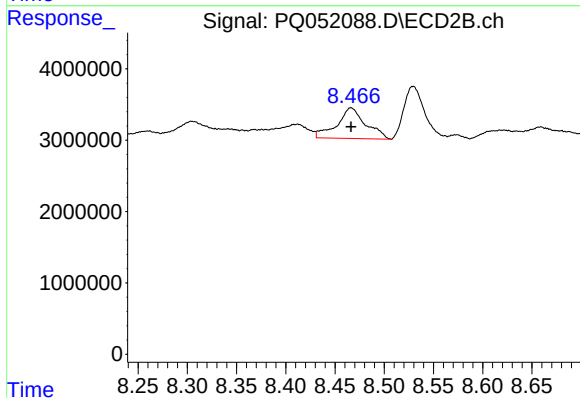
R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 3843929
Conc: 11.04 ng/ml



#41 AR-1268-1

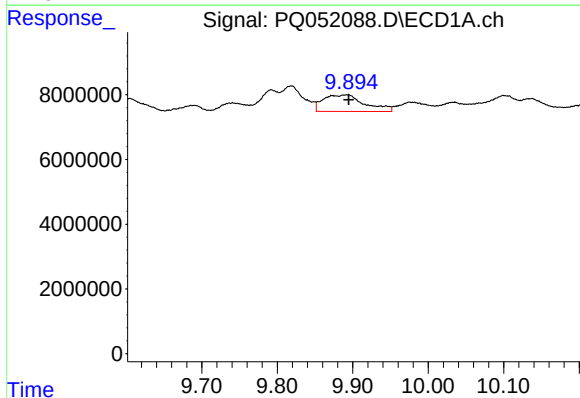
R.T.: 9.792 min
Delta R.T.: 0.002 min
Response: 10635211
Conc: 3.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



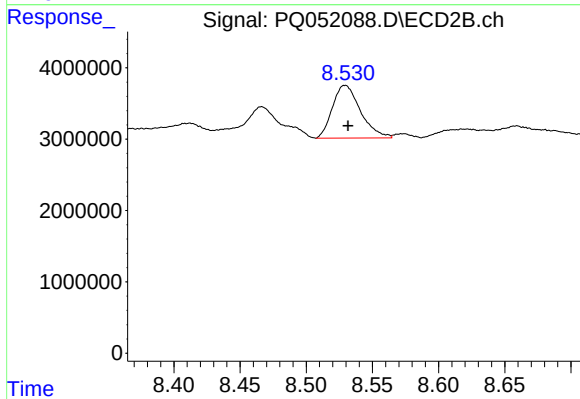
#41 AR-1268-1

R.T.: 8.466 min
Delta R.T.: 0.000 min
Response: 8719620
Conc: 6.99 ng/ml



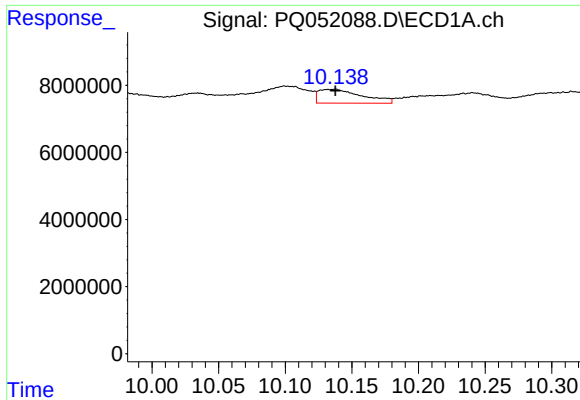
#42 AR-1268-2

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 19665679
Conc: 7.95 ng/ml



#42 AR-1268-2

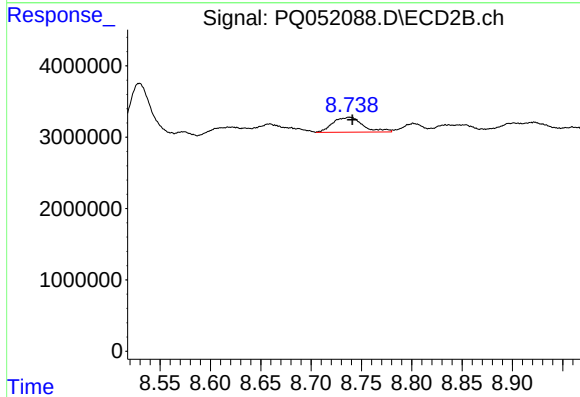
R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 10910628
Conc: 9.48 ng/ml



#43 AR-1268-3

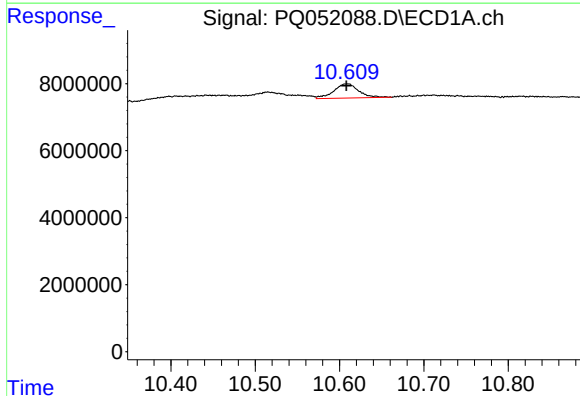
R.T.: 10.137 min
Delta R.T.: 0.000 min
Response: 9391919
Conc: 4.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



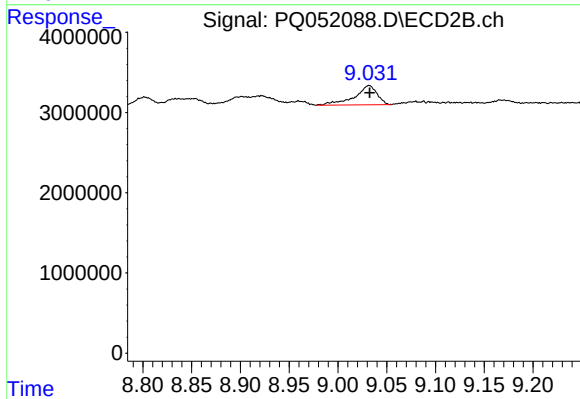
#43 AR-1268-3

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 4317451
Conc: 4.42 ng/ml



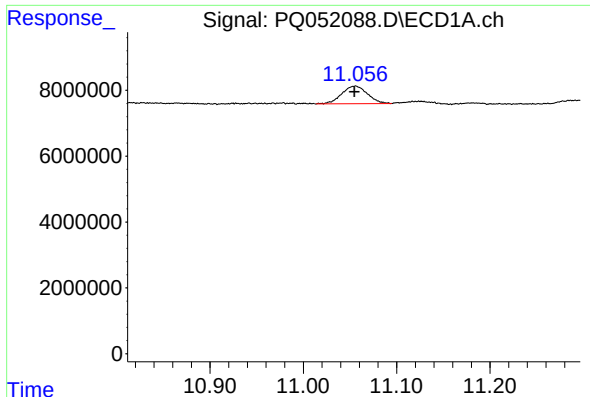
#44 AR-1268-4

R.T.: 10.609 min
Delta R.T.: 0.000 min
Response: 8748952
Conc: 10.37 ng/ml



#44 AR-1268-4

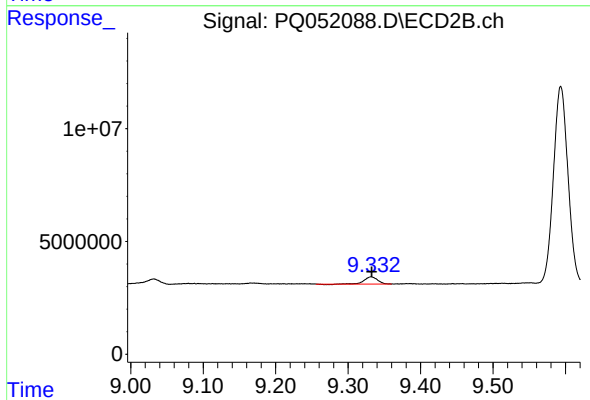
R.T.: 9.032 min
Delta R.T.: 0.000 min
Response: 3843929
Conc: 10.51 ng/ml



#45 AR-1268-5

R.T.: 11.056 min
Delta R.T.: 0.000 min
Response: 10260555
Conc: 1.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.332 min
Delta R.T.: 0.000 min
Response: 4050210
Conc: 1.39 ng/ml