

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122320\
 Data File : PQ051512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2020 18:07
 Operator : DD\AJ
 Sample : L5169-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 22:20:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 23 04:30:42 2020
 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...	5.236	4.255	430.3E6	114.8E6	17.545	15.969
2)	SA Decachlor...	11.434	9.610	178.1E6	53258895	8.974	8.508
Target Compounds							
3)	L1 AR-1016-1	6.562	5.545f	37256152	9069889	44.226	34.743
4)	L1 AR-1016-2	6.604f	5.545	30843684	9069889	24.821	25.138
5)	L1 AR-1016-3	6.662	5.733	41412464	7105119	56.574	38.403 #
6)	L1 AR-1016-4	6.755	5.793	41014942	3020720	66.883	20.863 #
7)	L1 AR-1016-5	7.084	5.998	5773977	549112	9.633	3.003 #
8)	L2 AR-1221-1	5.496	4.499	22600617	2817342	90.262	37.806 #
9)	L2 AR-1221-2	5.592	4.610	4027686	5789645	21.407	106.492 #
10)	L2 AR-1221-3	5.662	4.705	1533087	4788164	2.623	27.514 #
11)	L3 AR-1232-1	5.662	4.705	1533087	4788164	3.097	32.220 #
12)	L3 AR-1232-2	0.000	5.545	0	9069889	N.D.	59.390 #
13)	L3 AR-1232-3	6.562f	5.733	37256152	7105119	69.736	93.024 #
14)	L3 AR-1232-4	6.755	5.825	41014942	6257455	155.316	95.489 #
15)	L3 AR-1232-5	6.860	5.998	22618258	549112	120.045	7.667 #
16)	L4 AR-1242-1	6.562	5.545f	37256152	9069889	56.818	45.122
17)	L4 AR-1242-2	6.562f	5.545	37256152	9069889	38.589	32.595
18)	L4 AR-1242-3	6.662	5.733	41412464	7105119	71.572	48.134 #
19)	L4 AR-1242-4	6.755	5.825	41014942	6257455	84.352	45.189 #
20)	L4 AR-1242-5	7.544	6.390	7918259	4457483	15.133	24.505 #
21)	L5 AR-1248-1	6.562	5.545f	37256152	9069889	75.430	60.019
22)	L5 AR-1248-2	6.860	5.793	22618258	3020720	32.551	15.043 #
23)	L5 AR-1248-3	7.084	5.825	5773977	6257455	7.202	29.978 #
24)	L5 AR-1248-4	7.503	5.998	10934328	549112	11.790	2.213 #
25)	L5 AR-1248-5	7.544	6.434	7918259	2284099	8.644	8.891
26)	L6 AR-1254-1	7.455	6.390	21236185	4457483	23.857	11.457 #
27)	L6 AR-1254-2	7.694	6.547	23235332	5661916	16.698	16.931
28)	L6 AR-1254-3	8.084	6.970	26987538	9933399	17.833	17.818
29)	L6 AR-1254-4	8.375	7.207	18606161	5474372	17.153	16.060
30)	L6 AR-1254-5	8.805	7.637	42522858	18872218	36.547	38.967
31)	L7 AR-1260-1	8.246	7.106	20287493	8953150	19.434	25.678 #
32)	L7 AR-1260-2	8.511	7.302	46090747	7653244	36.792	17.917 #
33)	L7 AR-1260-3	8.877	7.451	50031867	12970115	54.486	31.734 #
34)	L7 AR-1260-4	9.138f	7.943	71801850	22990660	67.477	66.997
35)	L7 AR-1260-5	9.468	8.187	33393362	15505936	15.018	18.496
36)	L8 AR-1262-1	8.877	7.637	50031867	18872218	35.404	71.219 #
37)	L8 AR-1262-2	9.468	8.187	33393362	15505936	12.680	16.168 #
38)	L8 AR-1262-3	9.801	8.477	220.6E6	74927560	197.384	211.951
39)	L8 AR-1262-4	9.904	8.543	162.9E6	51382661	128.385	74.271 #
40)	L8 AR-1262-5	10.618	9.045	45392761	14869089	50.529	49.323
41)	L9 AR-1268-1	9.801	8.477	220.6E6	74927560	79.008	76.575

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 Acq On : 23 Dec 2020 18:07
 Operator : DD\AJ
 Sample : L5169-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

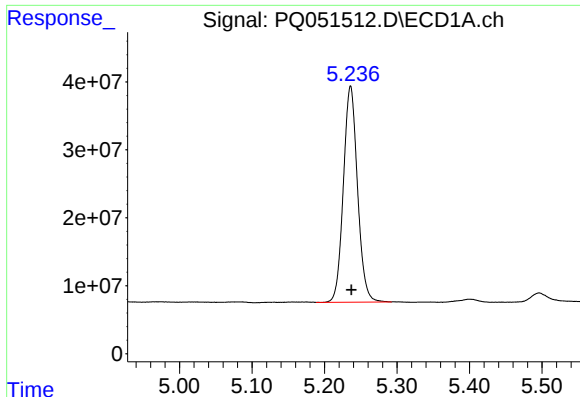
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 22:20:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.904	8.543	162.9E6	51382661	64.226	56.842
43) L9	AR-1268-3	10.148	8.753	217.0E6	46868659	100.339	61.985 #
44) L9	AR-1268-4	10.618	9.045	45392761	14869089	49.762	47.913
45) L9	AR-1268-5	11.066	9.347	458.0E6	133.6E6	64.605	55.821

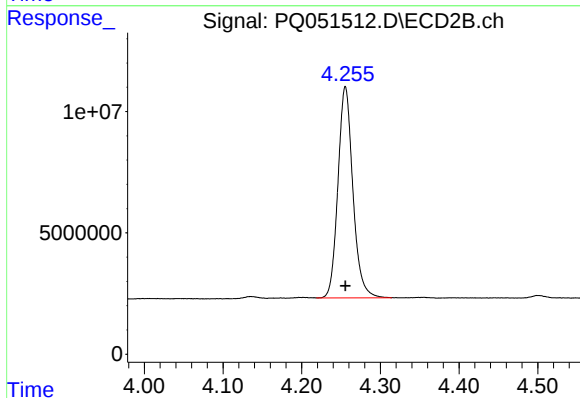
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

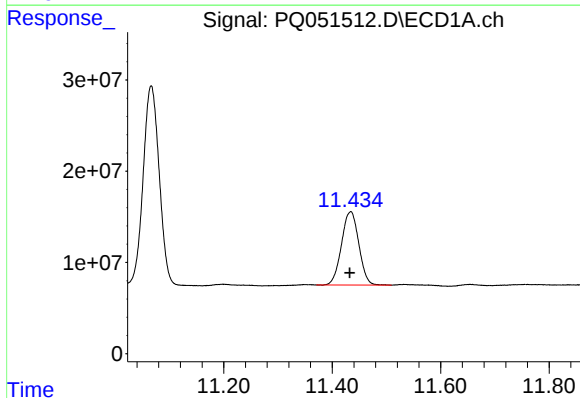
R.T.: 5.236 min
Delta R.T.: -0.001 min
Response: 430314859
Conc: 17.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



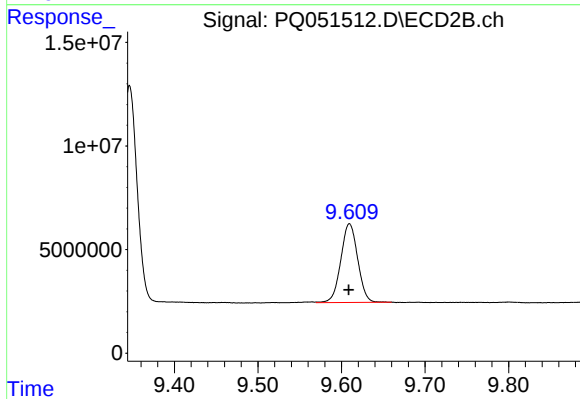
#1 Tetrachloro-m-xylene

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 114795286
Conc: 15.97 ng/ml



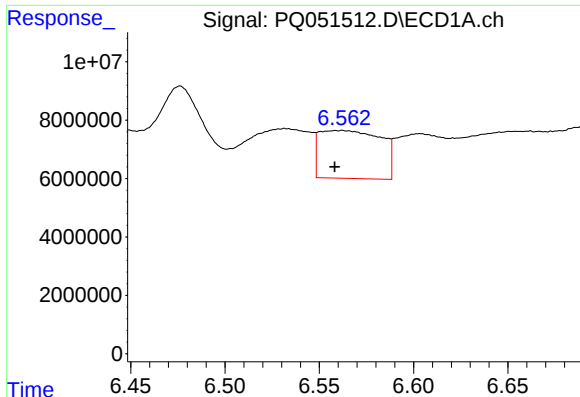
#2 Decachlorobiphenyl

R.T.: 11.434 min
Delta R.T.: 0.002 min
Response: 178142687
Conc: 8.97 ng/ml



#2 Decachlorobiphenyl

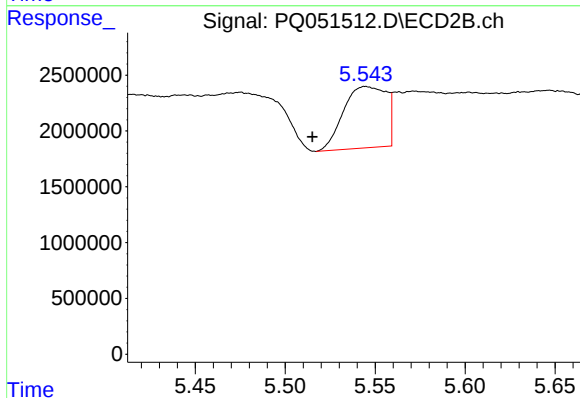
R.T.: 9.610 min
Delta R.T.: 0.000 min
Response: 53258895
Conc: 8.51 ng/ml



#3 AR-1016-1

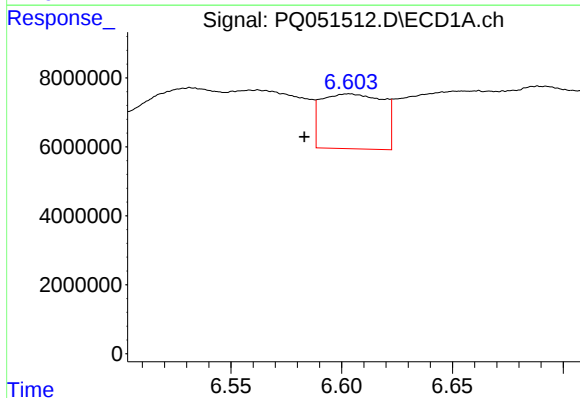
R.T.: 6.562 min
Delta R.T.: 0.004 min
Response: 37256152
Conc: 44.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



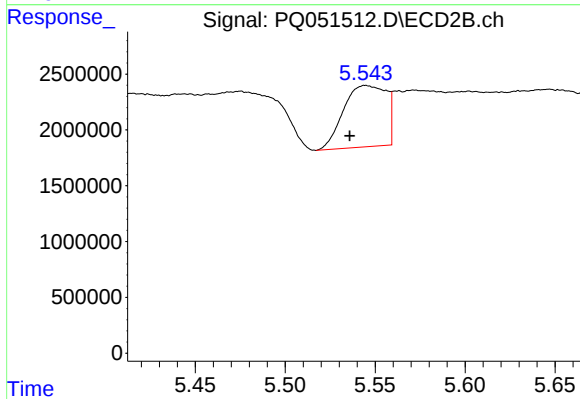
#3 AR-1016-1

R.T.: 5.545 min
Delta R.T.: 0.029 min
Response: 9069889
Conc: 34.74 ng/ml



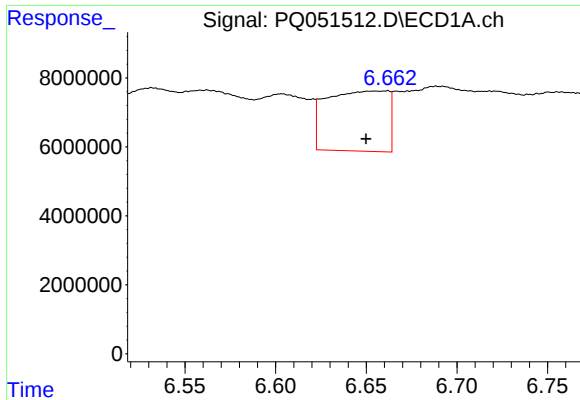
#4 AR-1016-2

R.T.: 6.604 min
Delta R.T.: 0.020 min
Response: 30843684
Conc: 24.82 ng/ml



#4 AR-1016-2

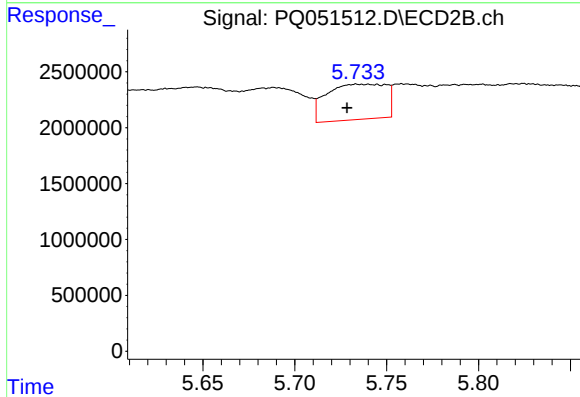
R.T.: 5.545 min
Delta R.T.: 0.009 min
Response: 9069889
Conc: 25.14 ng/ml



#5 AR-1016-3

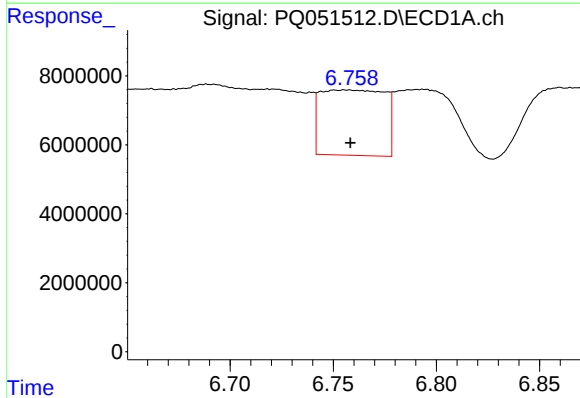
R.T.: 6.662 min
Delta R.T.: 0.012 min
Response: 41412464
Conc: 56.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



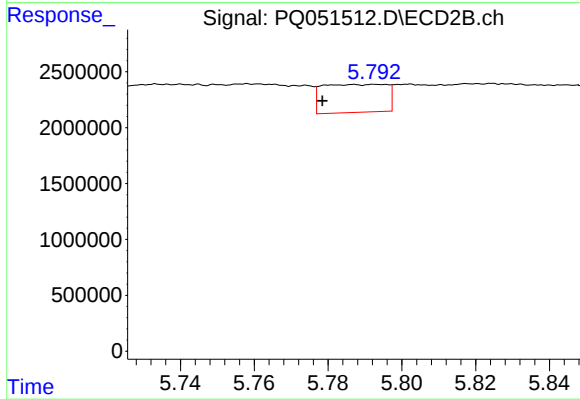
#5 AR-1016-3

R.T.: 5.733 min
Delta R.T.: 0.005 min
Response: 7105119
Conc: 38.40 ng/ml



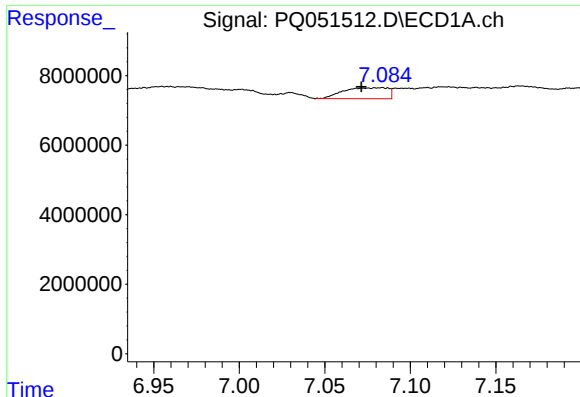
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 41014942
Conc: 66.88 ng/ml



#6 AR-1016-4

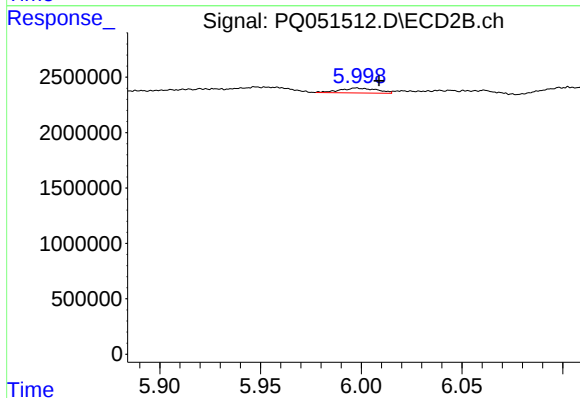
R.T.: 5.793 min
Delta R.T.: 0.014 min
Response: 3020720
Conc: 20.86 ng/ml



#7 AR-1016-5

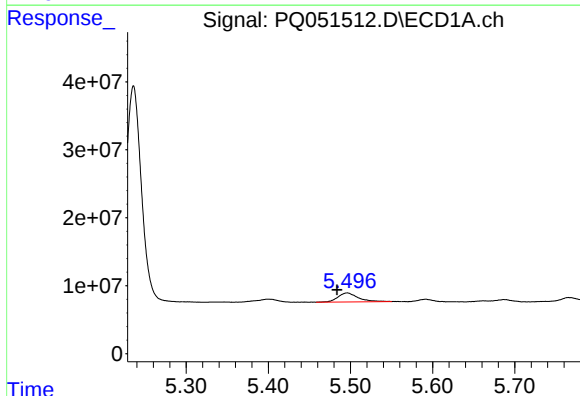
R.T.: 7.084 min
Delta R.T.: 0.012 min
Response: 5773977
Conc: 9.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



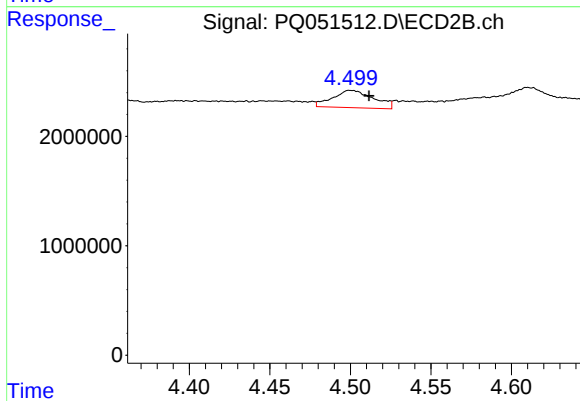
#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: -0.011 min
Response: 549112
Conc: 3.00 ng/ml



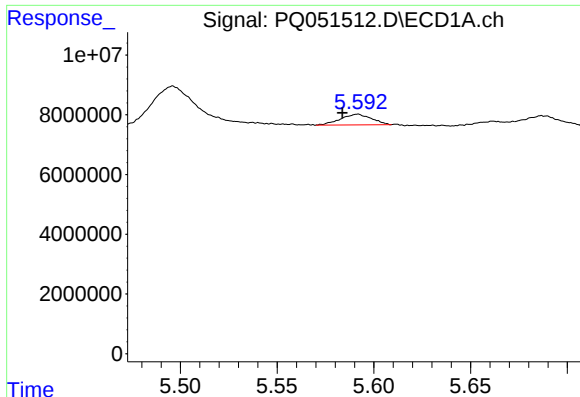
#8 AR-1221-1

R.T.: 5.496 min
Delta R.T.: 0.013 min
Response: 22600617
Conc: 90.26 ng/ml



#8 AR-1221-1

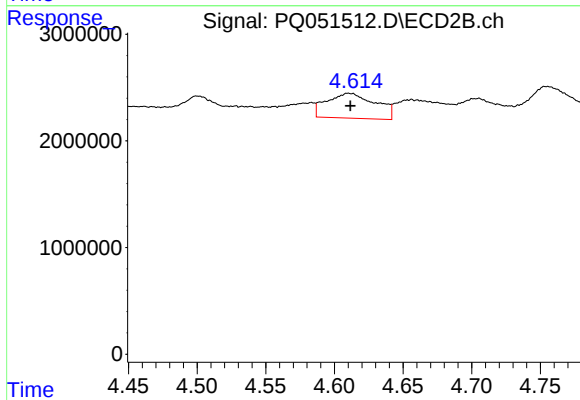
R.T.: 4.499 min
Delta R.T.: -0.012 min
Response: 2817342
Conc: 37.81 ng/ml



#9 AR-1221-2

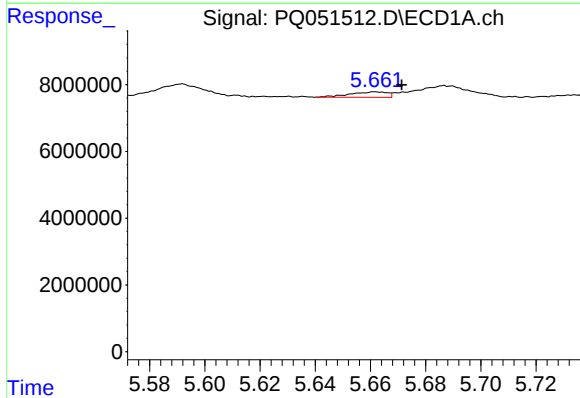
R.T.: 5.592 min
Delta R.T.: 0.008 min
Response: 4027686
Conc: 21.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



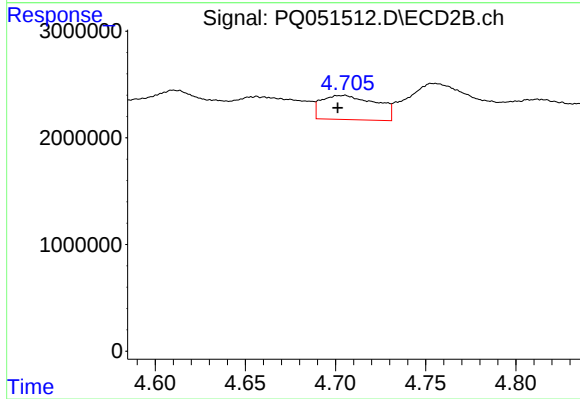
#9 AR-1221-2

R.T.: 4.610 min
Delta R.T.: -0.002 min
Response: 5789645
Conc: 106.49 ng/ml



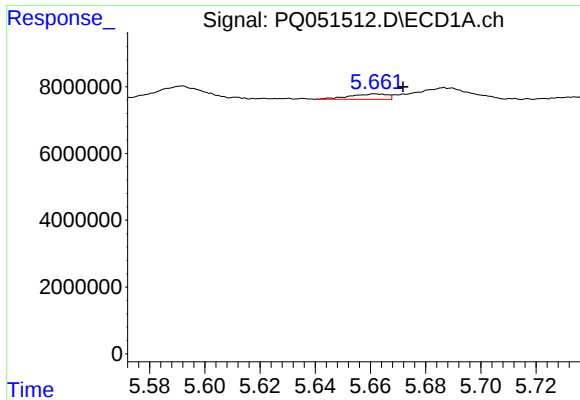
#10 AR-1221-3

R.T.: 5.662 min
Delta R.T.: -0.010 min
Response: 1533087
Conc: 2.62 ng/ml



#10 AR-1221-3

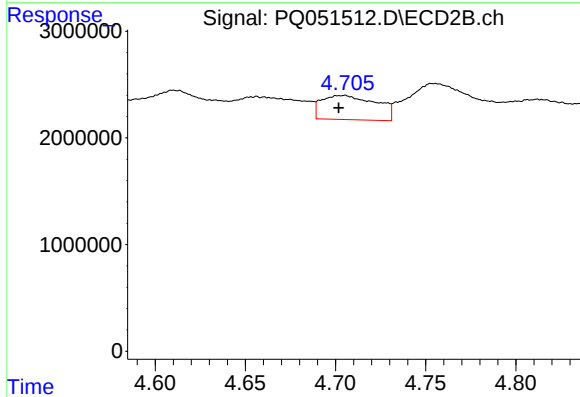
R.T.: 4.705 min
Delta R.T.: 0.004 min
Response: 4788164
Conc: 27.51 ng/ml



#11 AR-1232-1

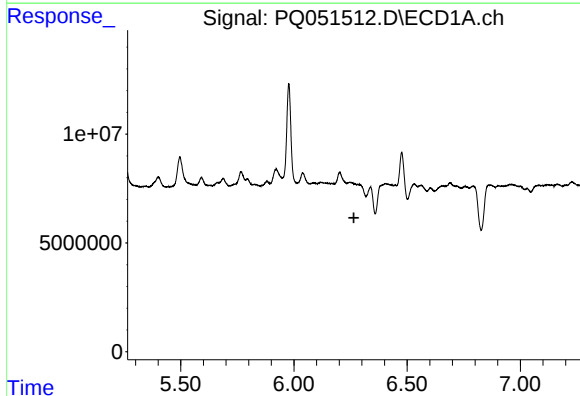
R.T.: 5.662 min
Delta R.T.: -0.010 min
Response: 1533087
Conc: 3.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



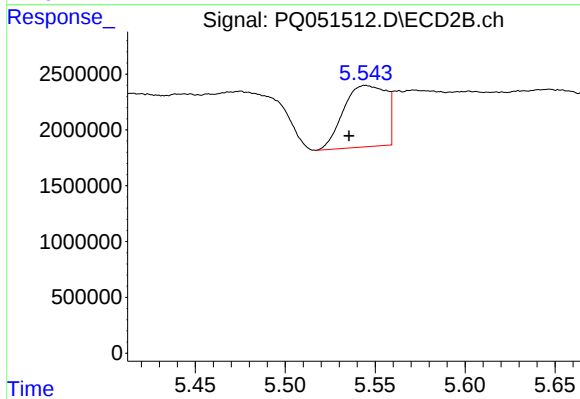
#11 AR-1232-1

R.T.: 4.705 min
Delta R.T.: 0.004 min
Response: 4788164
Conc: 32.22 ng/ml



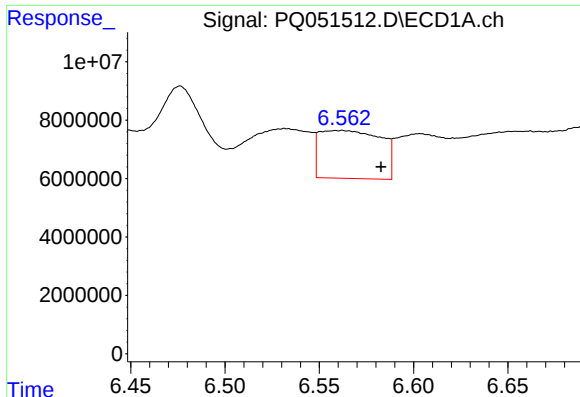
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



#12 AR-1232-2

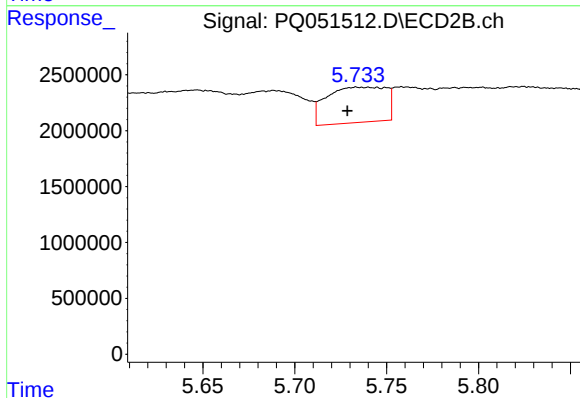
R.T.: 5.545 min
Delta R.T.: 0.009 min
Response: 9069889
Conc: 59.39 ng/ml



#13 AR-1232-3

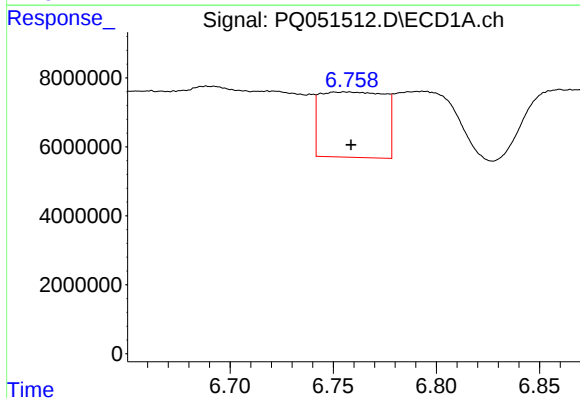
R.T.: 6.562 min
Delta R.T.: -0.021 min
Response: 37256152
Conc: 69.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



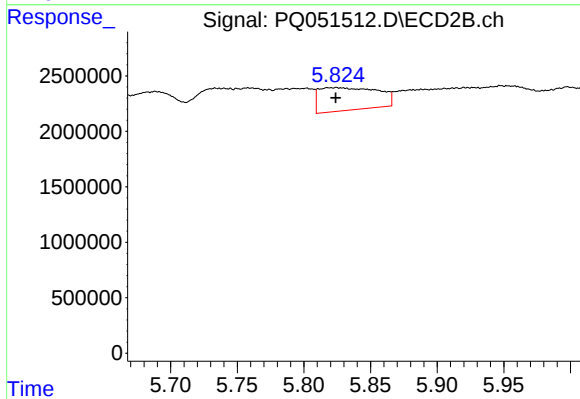
#13 AR-1232-3

R.T.: 5.733 min
Delta R.T.: 0.005 min
Response: 7105119
Conc: 93.02 ng/ml



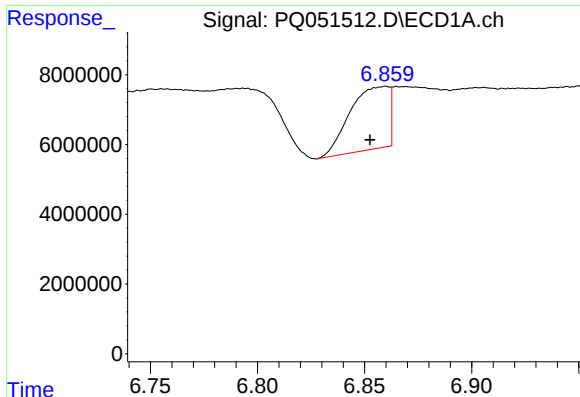
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 41014942
Conc: 155.32 ng/ml



#14 AR-1232-4

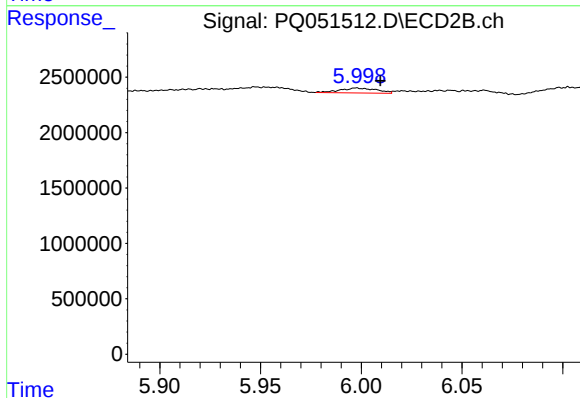
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 6257455
Conc: 95.49 ng/ml



#15 AR-1232-5

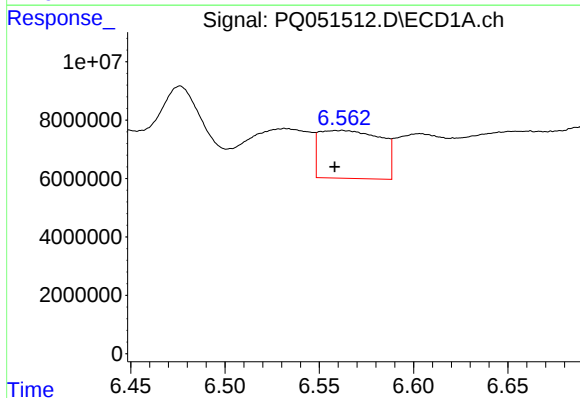
R.T.: 6.860 min
Delta R.T.: 0.007 min
Response: 22618258
Conc: 120.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



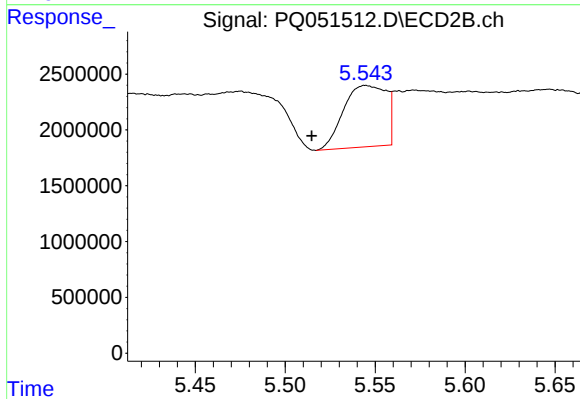
#15 AR-1232-5

R.T.: 5.998 min
Delta R.T.: -0.012 min
Response: 549112
Conc: 7.67 ng/ml



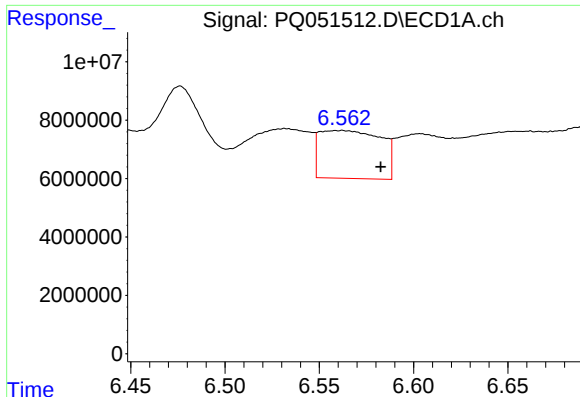
#16 AR-1242-1

R.T.: 6.562 min
Delta R.T.: 0.004 min
Response: 37256152
Conc: 56.82 ng/ml



#16 AR-1242-1

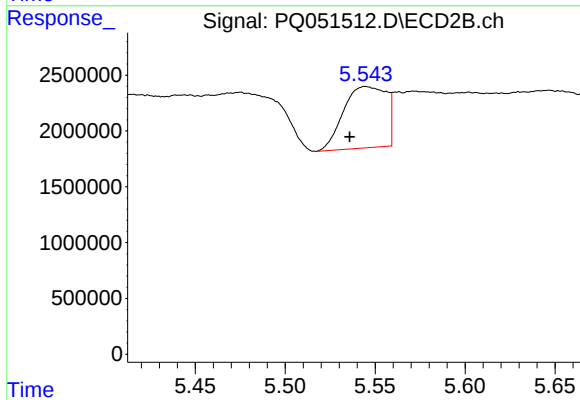
R.T.: 5.545 min
Delta R.T.: 0.030 min
Response: 9069889
Conc: 45.12 ng/ml



#17 AR-1242-2

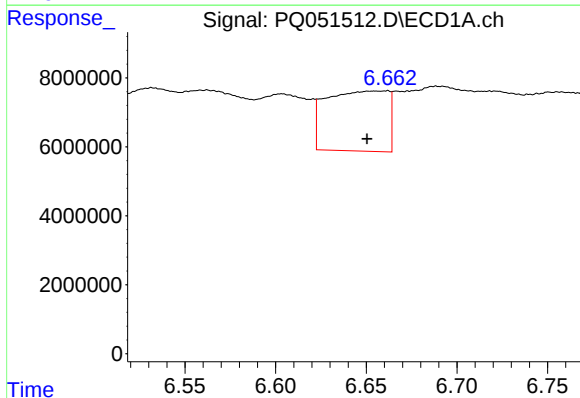
R.T.: 6.562 min
Delta R.T.: -0.020 min
Response: 37256152
Conc: 38.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



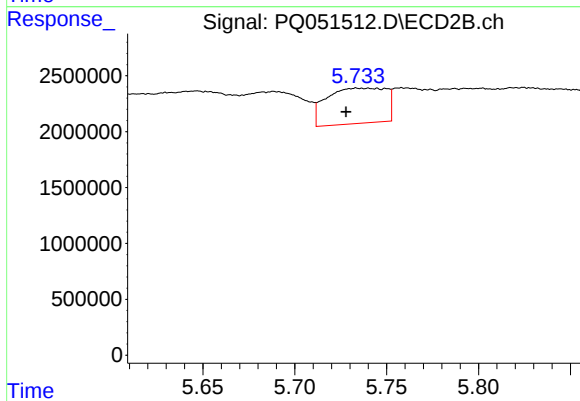
#17 AR-1242-2

R.T.: 5.545 min
Delta R.T.: 0.009 min
Response: 9069889
Conc: 32.60 ng/ml



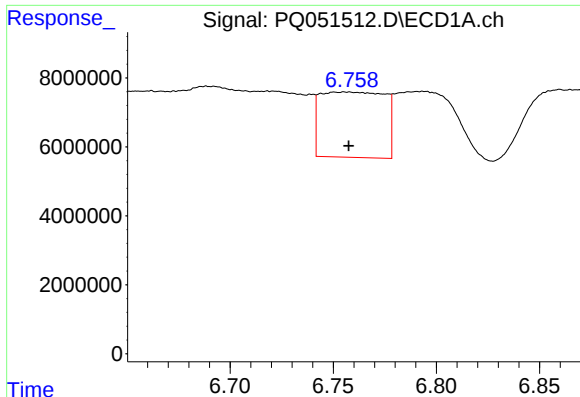
#18 AR-1242-3

R.T.: 6.662 min
Delta R.T.: 0.011 min
Response: 41412464
Conc: 71.57 ng/ml



#18 AR-1242-3

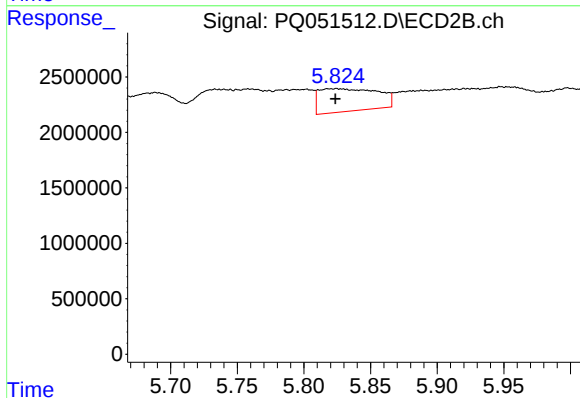
R.T.: 5.733 min
Delta R.T.: 0.006 min
Response: 7105119
Conc: 48.13 ng/ml



#19 AR-1242-4

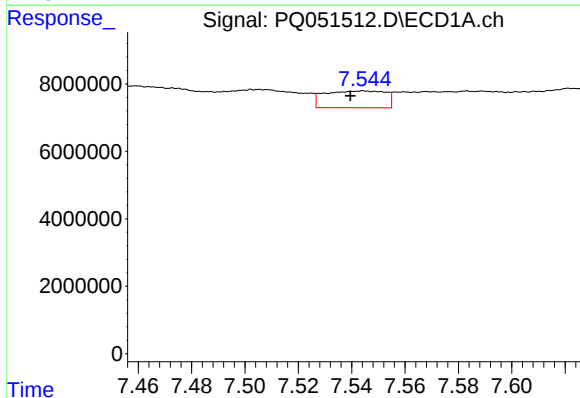
R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 41014942
Conc: 84.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



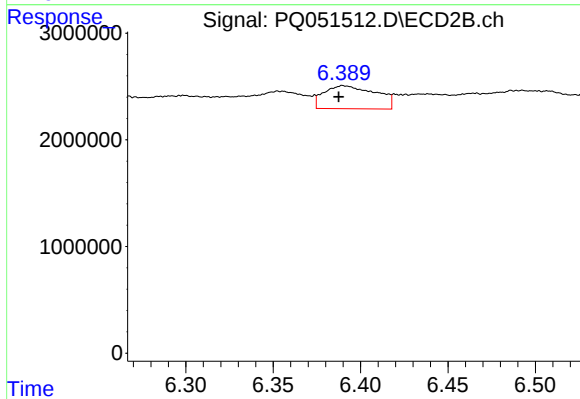
#19 AR-1242-4

R.T.: 5.825 min
Delta R.T.: 0.001 min
Response: 6257455
Conc: 45.19 ng/ml



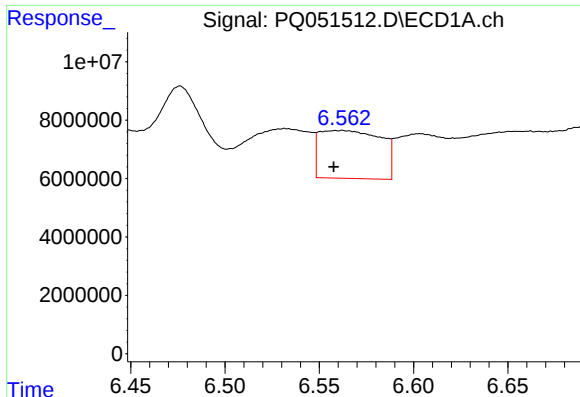
#20 AR-1242-5

R.T.: 7.544 min
Delta R.T.: 0.005 min
Response: 7918259
Conc: 15.13 ng/ml



#20 AR-1242-5

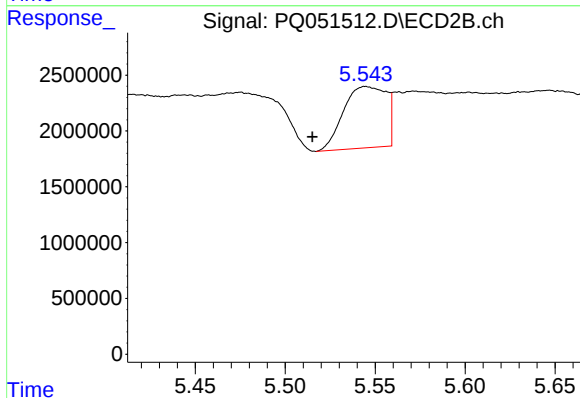
R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 4457483
Conc: 24.51 ng/ml



#21 AR-1248-1

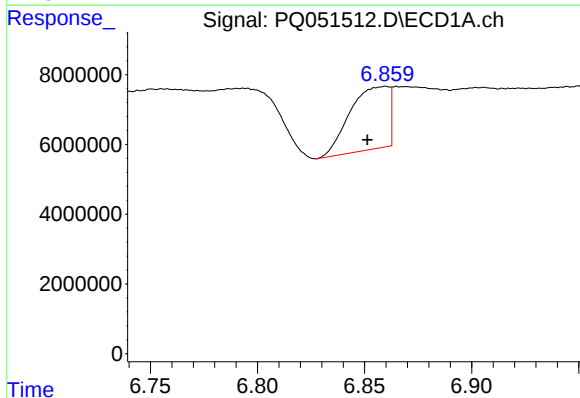
R.T.: 6.562 min
Delta R.T.: 0.005 min
Response: 37256152
Conc: 75.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



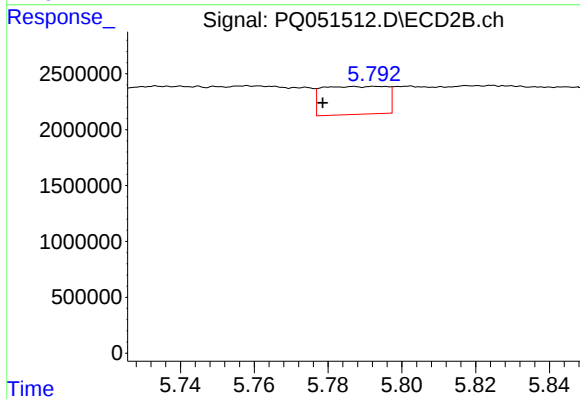
#21 AR-1248-1

R.T.: 5.545 min
Delta R.T.: 0.029 min
Response: 9069889
Conc: 60.02 ng/ml



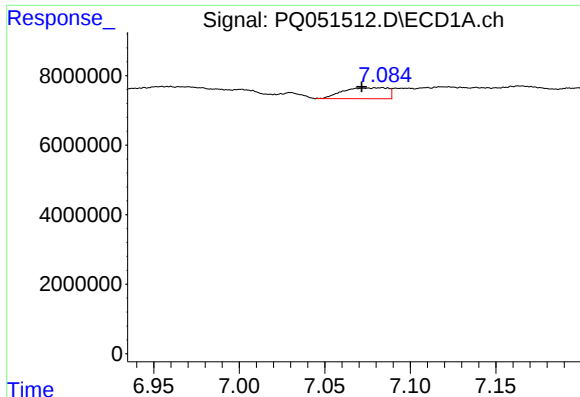
#22 AR-1248-2

R.T.: 6.860 min
Delta R.T.: 0.009 min
Response: 22618258
Conc: 32.55 ng/ml



#22 AR-1248-2

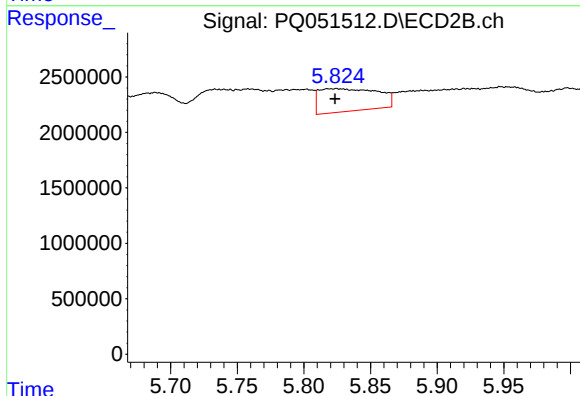
R.T.: 5.793 min
Delta R.T.: 0.014 min
Response: 3020720
Conc: 15.04 ng/ml



#23 AR-1248-3

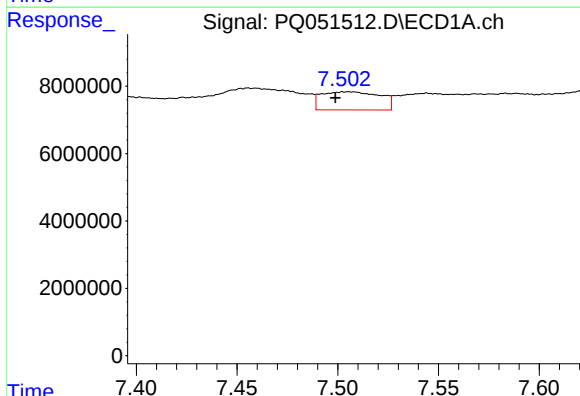
R.T.: 7.084 min
Delta R.T.: 0.012 min
Response: 5773977
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



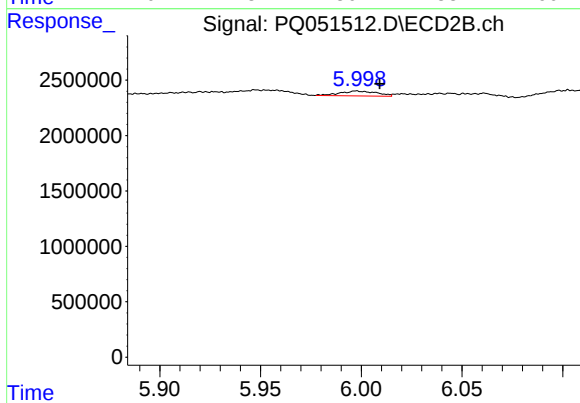
#23 AR-1248-3

R.T.: 5.825 min
Delta R.T.: 0.001 min
Response: 6257455
Conc: 29.98 ng/ml



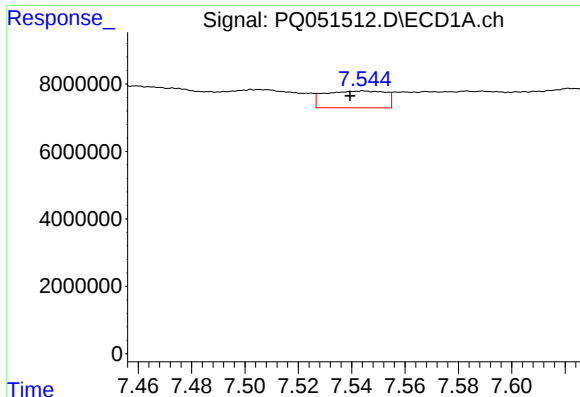
#24 AR-1248-4

R.T.: 7.503 min
Delta R.T.: 0.004 min
Response: 10934328
Conc: 11.79 ng/ml



#24 AR-1248-4

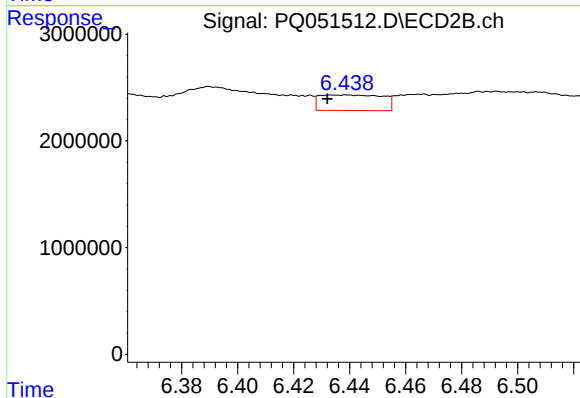
R.T.: 5.998 min
Delta R.T.: -0.011 min
Response: 549112
Conc: 2.21 ng/ml



#25 AR-1248-5

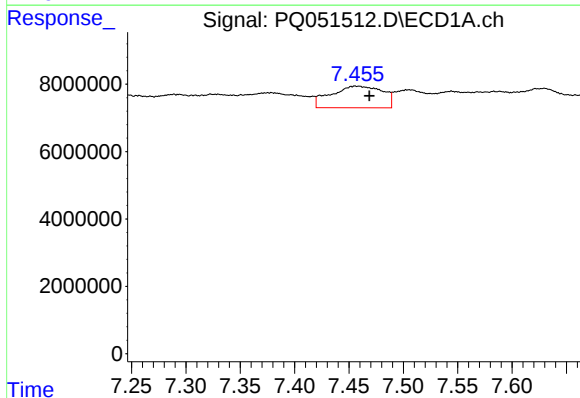
R.T.: 7.544 min
Delta R.T.: 0.005 min
Response: 7918259
Conc: 8.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



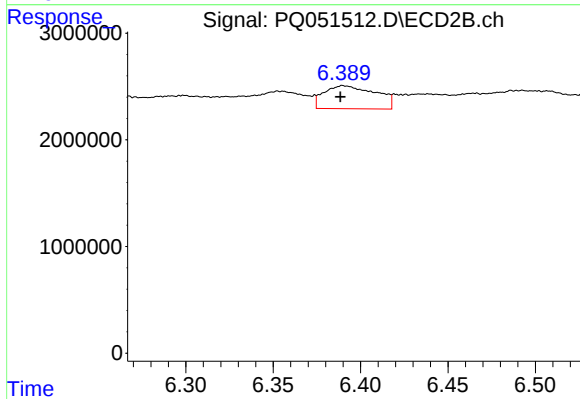
#25 AR-1248-5

R.T.: 6.434 min
Delta R.T.: 0.002 min
Response: 2284099
Conc: 8.89 ng/ml



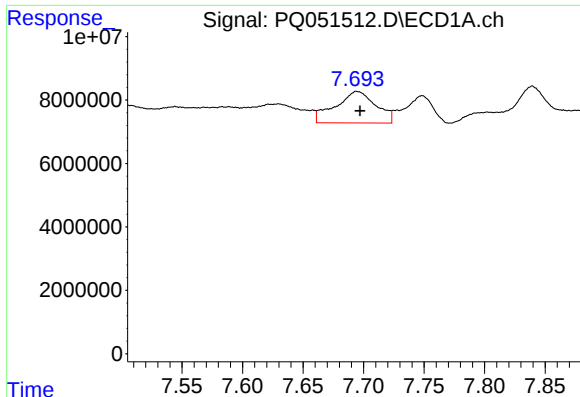
#26 AR-1254-1

R.T.: 7.455 min
Delta R.T.: -0.013 min
Response: 21236185
Conc: 23.86 ng/ml



#26 AR-1254-1

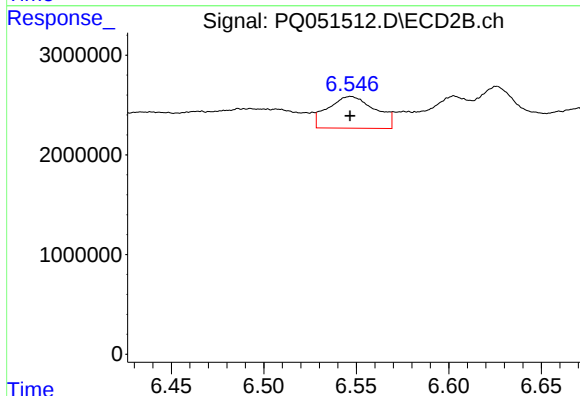
R.T.: 6.390 min
Delta R.T.: 0.001 min
Response: 4457483
Conc: 11.46 ng/ml



#27 AR-1254-2

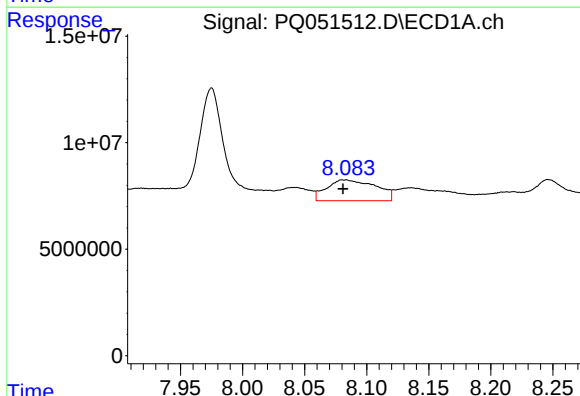
R.T.: 7.694 min
Delta R.T.: -0.003 min
Response: 23235332
Conc: 16.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



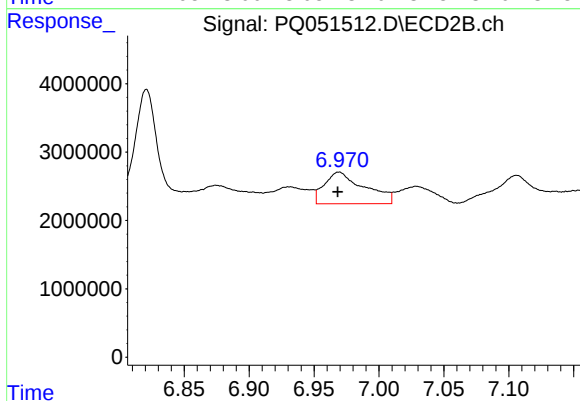
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 5661916
Conc: 16.93 ng/ml



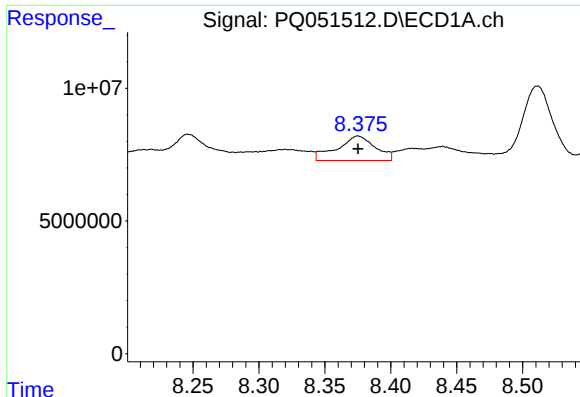
#28 AR-1254-3

R.T.: 8.084 min
Delta R.T.: 0.003 min
Response: 26987538
Conc: 17.83 ng/ml



#28 AR-1254-3

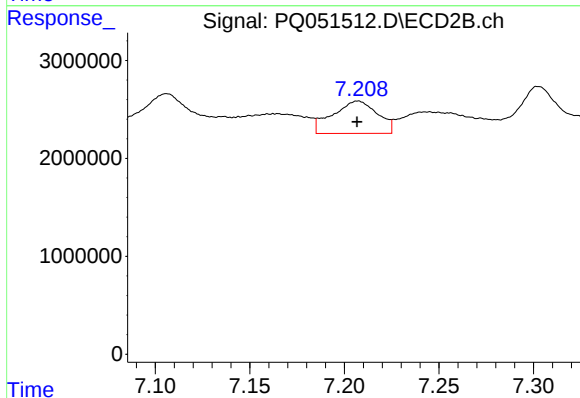
R.T.: 6.970 min
Delta R.T.: 0.001 min
Response: 9933399
Conc: 17.82 ng/ml



#29 AR-1254-4

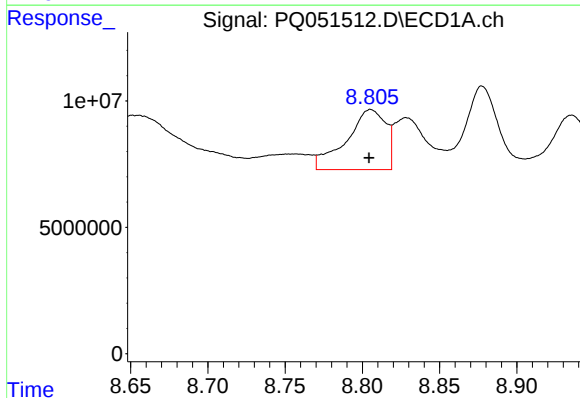
R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 18606161
Conc: 17.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



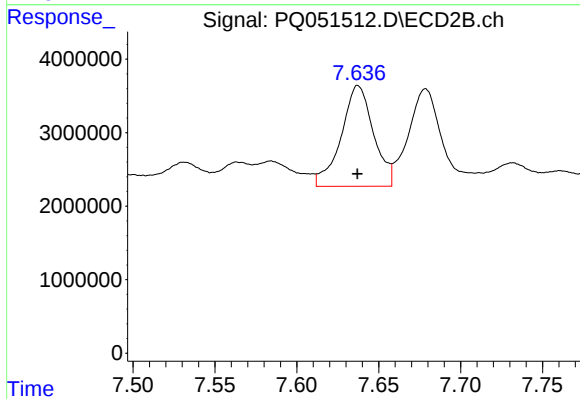
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 5474372
Conc: 16.06 ng/ml



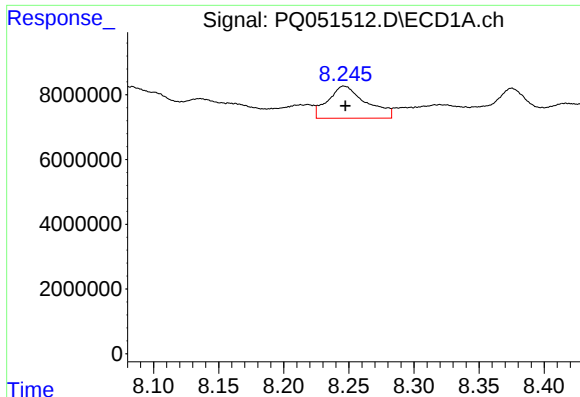
#30 AR-1254-5

R.T.: 8.805 min
Delta R.T.: 0.001 min
Response: 42522858
Conc: 36.55 ng/ml



#30 AR-1254-5

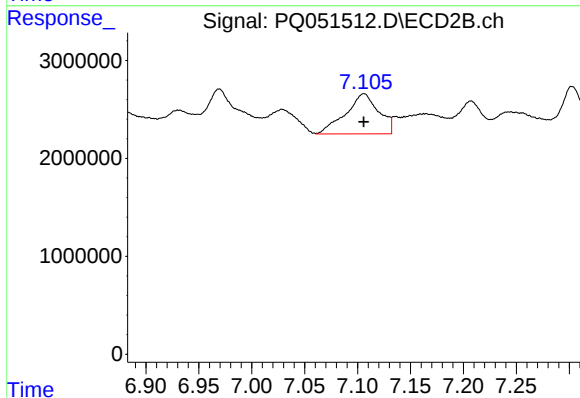
R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 18872218
Conc: 38.97 ng/ml



#31 AR-1260-1

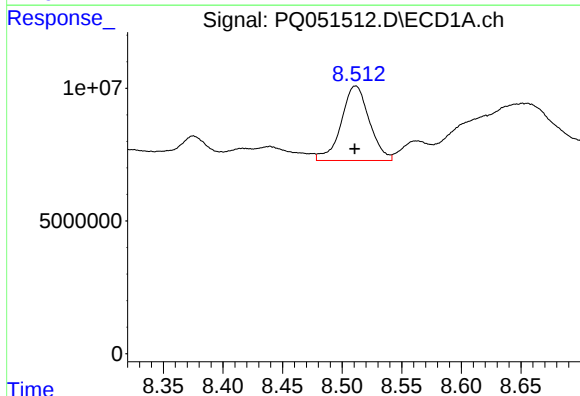
R.T.: 8.246 min
Delta R.T.: -0.001 min
Response: 20287493
Conc: 19.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



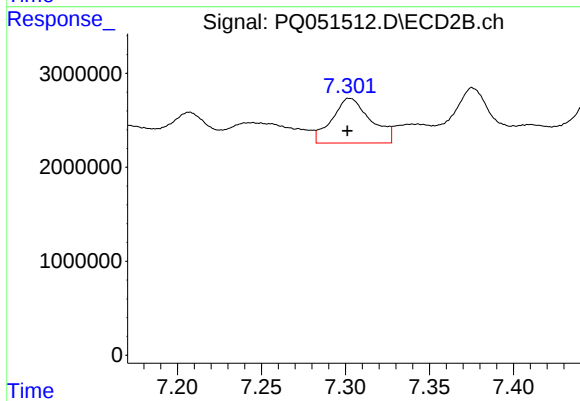
#31 AR-1260-1

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 8953150
Conc: 25.68 ng/ml



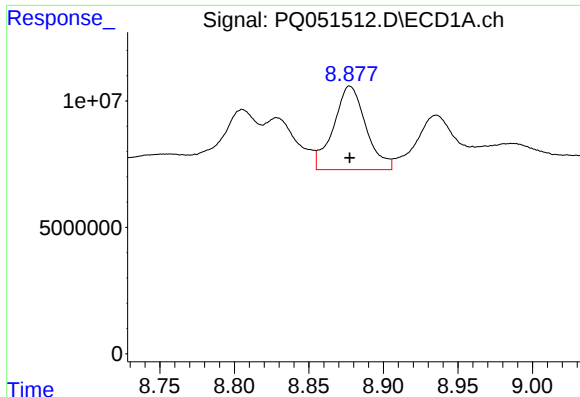
#32 AR-1260-2

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 46090747
Conc: 36.79 ng/ml



#32 AR-1260-2

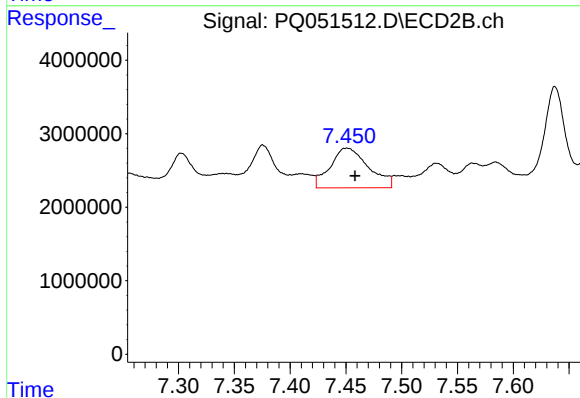
R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 7653244
Conc: 17.92 ng/ml



#33 AR-1260-3

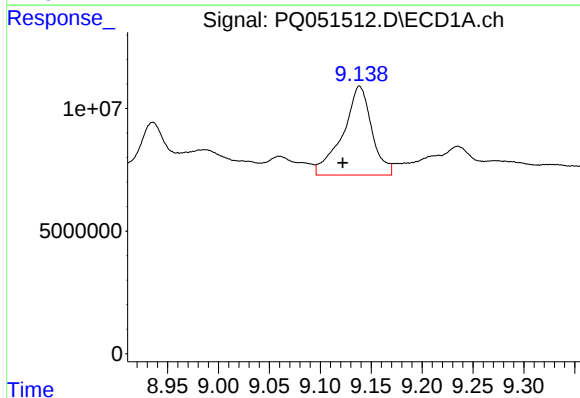
R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 50031867
Conc: 54.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



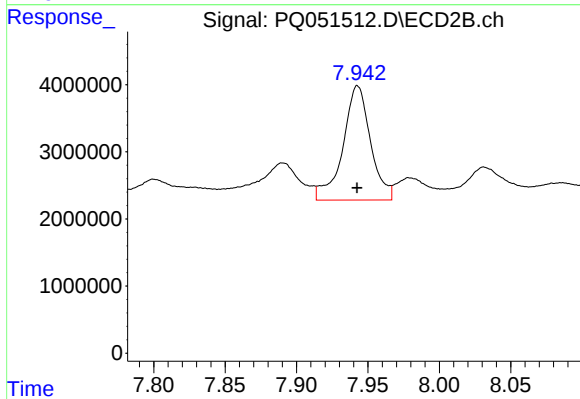
#33 AR-1260-3

R.T.: 7.451 min
Delta R.T.: -0.007 min
Response: 12970115
Conc: 31.73 ng/ml



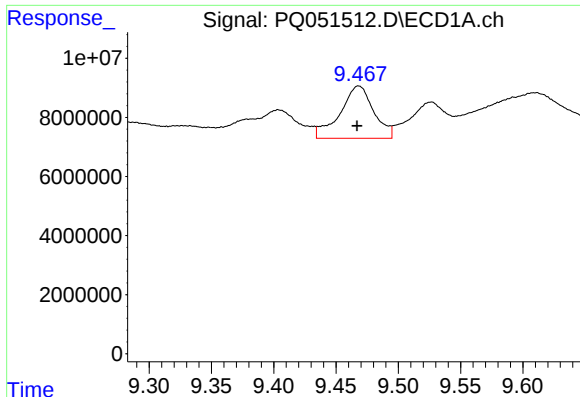
#34 AR-1260-4

R.T.: 9.138 min
Delta R.T.: 0.016 min
Response: 71801850
Conc: 67.48 ng/ml



#34 AR-1260-4

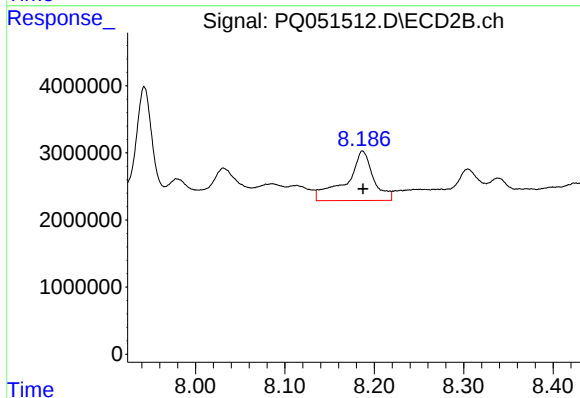
R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 22990660
Conc: 67.00 ng/ml



#35 AR-1260-5

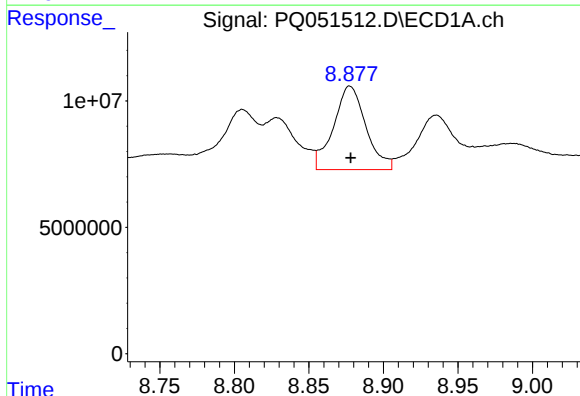
R.T.: 9.468 min
Delta R.T.: 0.001 min
Response: 33393362
Conc: 15.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



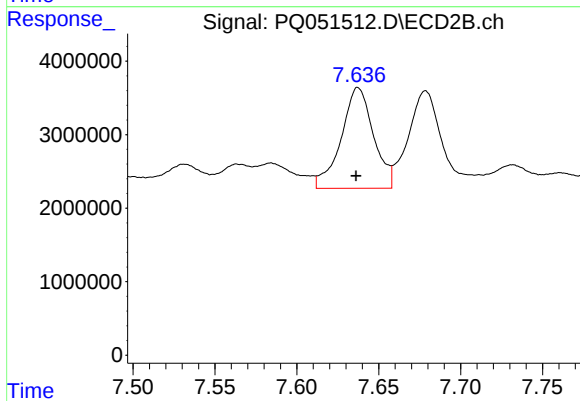
#35 AR-1260-5

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 15505936
Conc: 18.50 ng/ml



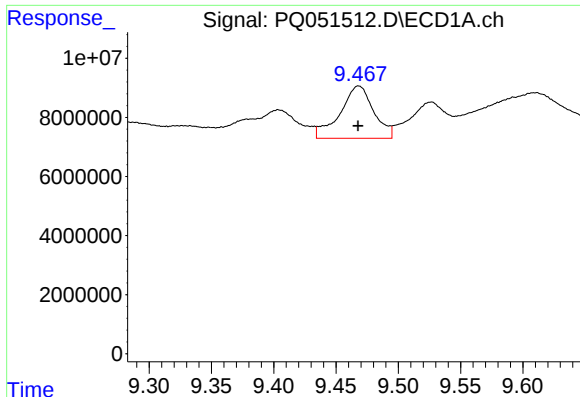
#36 AR-1262-1

R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 50031867
Conc: 35.40 ng/ml



#36 AR-1262-1

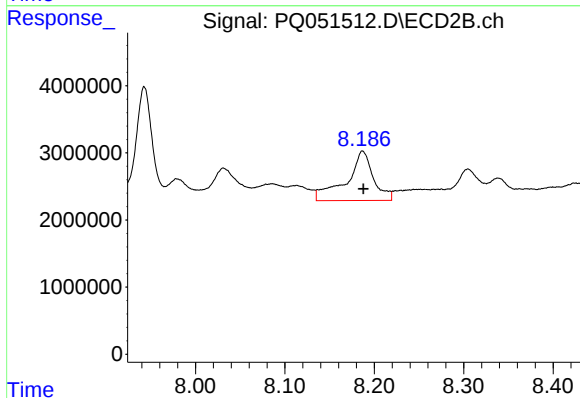
R.T.: 7.637 min
Delta R.T.: 0.001 min
Response: 18872218
Conc: 71.22 ng/ml



#37 AR-1262-2

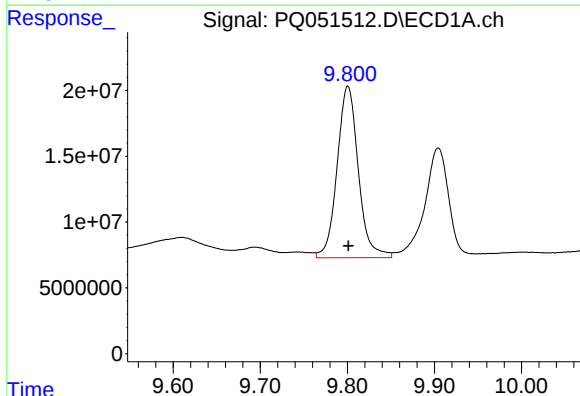
R.T.: 9.468 min
Delta R.T.: 0.000 min
Response: 33393362
Conc: 12.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



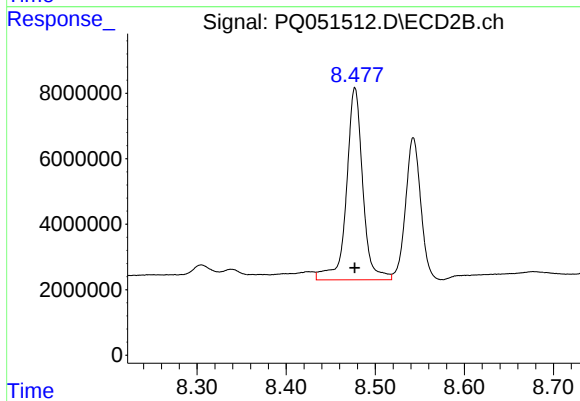
#37 AR-1262-2

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 15505936
Conc: 16.17 ng/ml



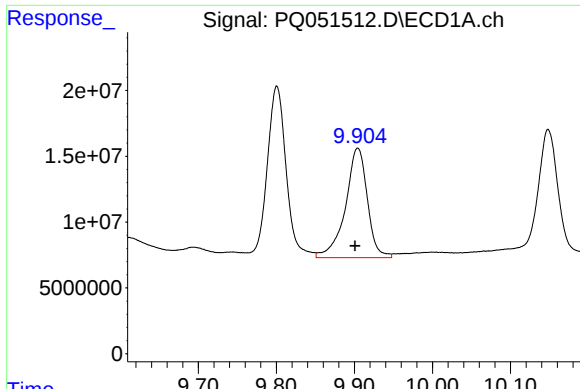
#38 AR-1262-3

R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 220555376
Conc: 197.38 ng/ml



#38 AR-1262-3

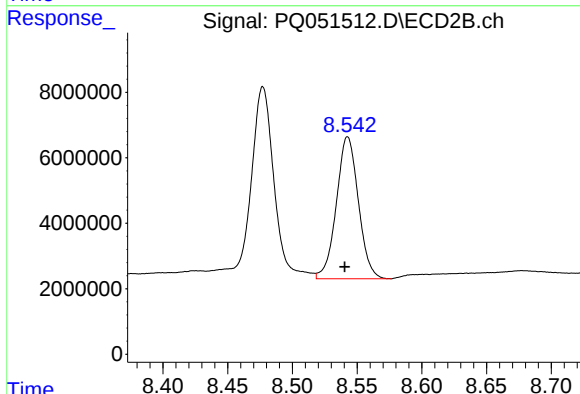
R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 74927560
Conc: 211.95 ng/ml



#39 AR-1262-4

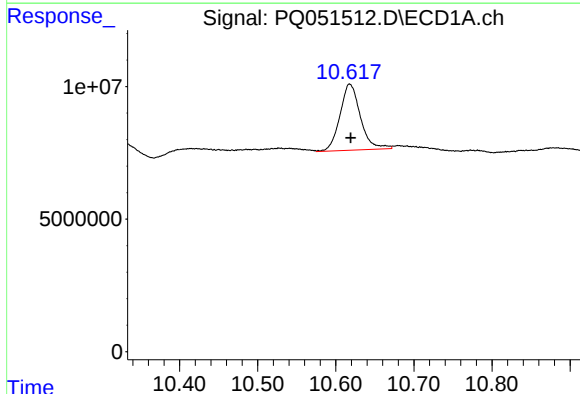
R.T.: 9.904 min
Delta R.T.: 0.004 min
Response: 162895402
Conc: 128.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



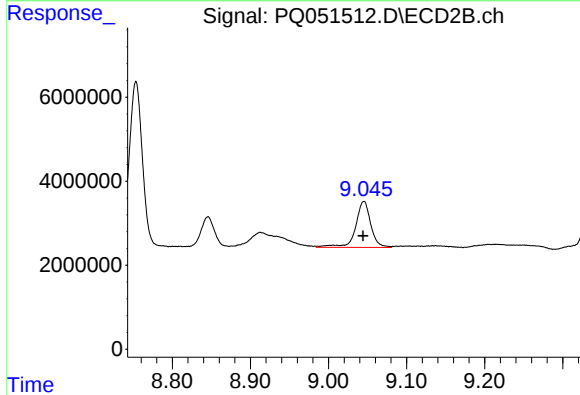
#39 AR-1262-4

R.T.: 8.543 min
Delta R.T.: 0.002 min
Response: 51382661
Conc: 74.27 ng/ml



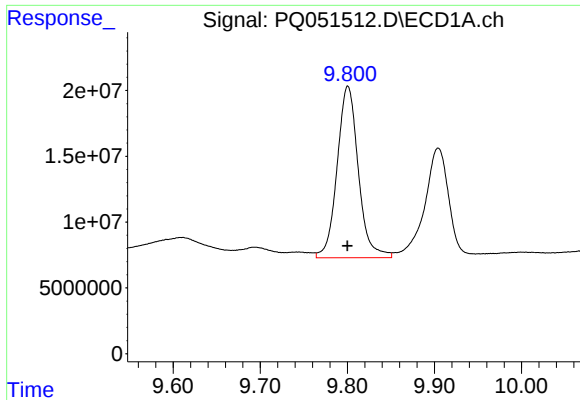
#40 AR-1262-5

R.T.: 10.618 min
Delta R.T.: -0.001 min
Response: 45392761
Conc: 50.53 ng/ml



#40 AR-1262-5

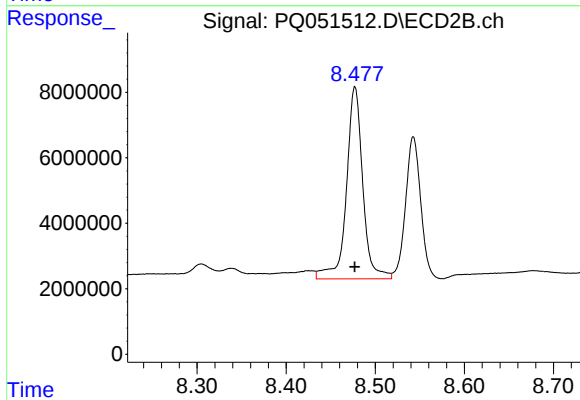
R.T.: 9.045 min
Delta R.T.: 0.001 min
Response: 14869089
Conc: 49.32 ng/ml



#41 AR-1268-1

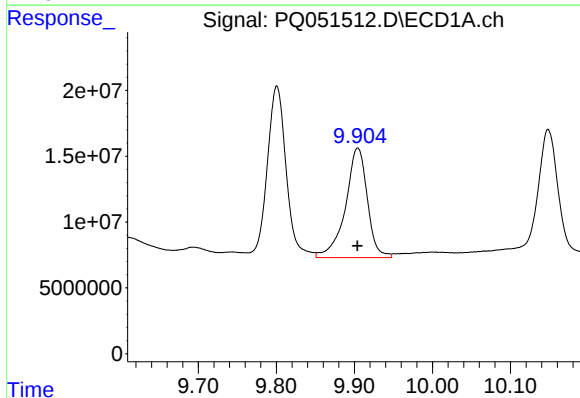
R.T.: 9.801 min
Delta R.T.: 0.000 min
Response: 22055376
Conc: 79.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



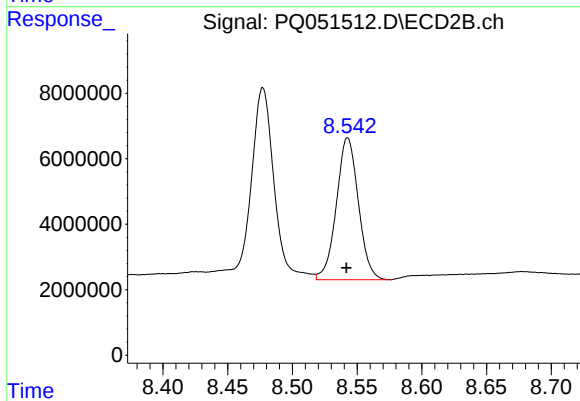
#41 AR-1268-1

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 74927560
Conc: 76.57 ng/ml



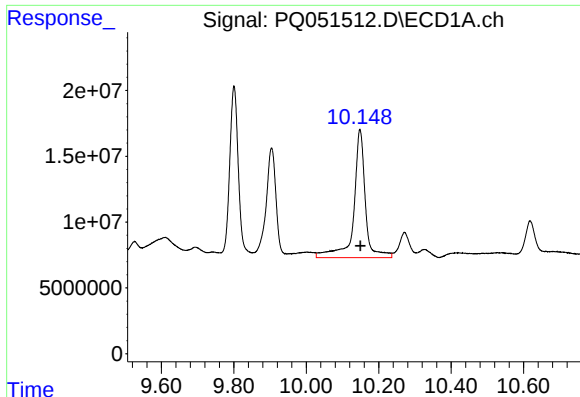
#42 AR-1268-2

R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 162895402
Conc: 64.23 ng/ml



#42 AR-1268-2

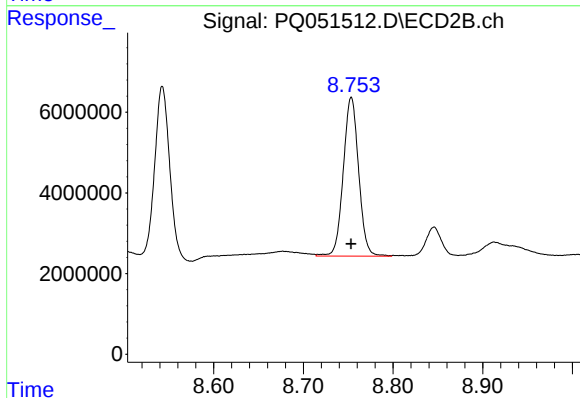
R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 51382661
Conc: 56.84 ng/ml



#43 AR-1268-3

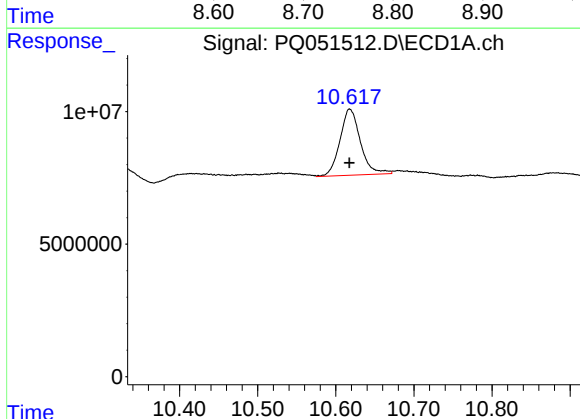
R.T.: 10.148 min
Delta R.T.: -0.001 min
Response: 216963862
Conc: 100.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



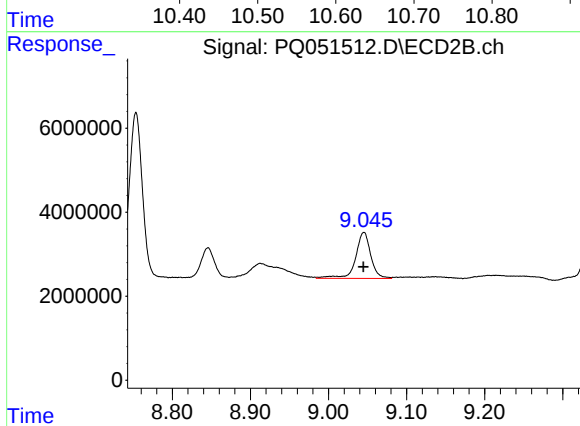
#43 AR-1268-3

R.T.: 8.753 min
Delta R.T.: 0.000 min
Response: 46868659
Conc: 61.99 ng/ml



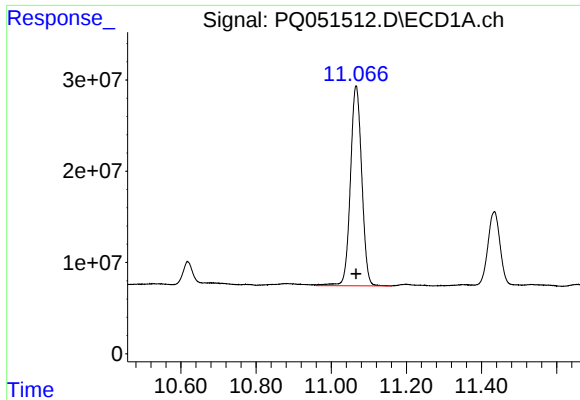
#44 AR-1268-4

R.T.: 10.618 min
Delta R.T.: 0.000 min
Response: 45392761
Conc: 49.76 ng/ml



#44 AR-1268-4

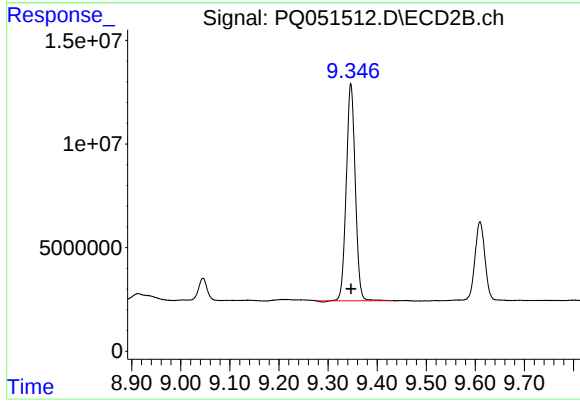
R.T.: 9.045 min
Delta R.T.: 0.000 min
Response: 14869089
Conc: 47.91 ng/ml



#45 AR-1268-5

R.T.: 11.066 min
Delta R.T.: 0.000 min
Response: 457994378
Conc: 64.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.347 min
Delta R.T.: 0.000 min
Response: 133629266
Conc: 55.82 ng/ml