

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2021 06:42
 Operator : DD\AJ
 Sample : M2262-08
 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 12:07:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 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...	5.221	4.236	565.2E6	250.1E6	19.579	19.411
2)	SA Decachlor...	11.410	9.573	607.1E6	293.5E6	20.326	20.674
Target Compounds							
3)	L1 AR-1016-1	6.548	5.516f	-952047	1462031	N.D.	3.212 #
4)	L1 AR-1016-2	6.572	5.516	1445298	1462031	0.939	2.158 #
5)	L1 AR-1016-3	6.636	0.000	2211763	0	2.415	N.D. #
6)	L1 AR-1016-4	6.748	5.760	2566841	1429154	3.483	5.052 #
7)	L1 AR-1016-5	7.055	0.000	6422984	0	8.905	N.D. #
8)	L2 AR-1221-1	5.463	4.482	3600666	4610354	12.341	34.470 #
9)	L2 AR-1221-2	5.579	4.590	25005613	7822460	117.731	77.990 #
10)	L2 AR-1221-3	5.659	4.682	27555401	2716641	39.482	8.331 #
11)	L3 AR-1232-1	5.659	4.682	27555401	2716641	53.475	11.454 #
12)	L3 AR-1232-2	6.243	5.516	24783546	1462031	89.001	5.780 #
13)	L3 AR-1232-3	6.572	0.000	1445298	0	2.462	N.D. #
14)	L3 AR-1232-4	6.748	0.000	2566841	0	9.404	N.D. #
15)	L3 AR-1232-5	6.835	0.000	4263412	0	21.438	N.D. #
16)	L4 AR-1242-1	6.548	5.516f	-952047	1462031	N.D.	4.555 #
17)	L4 AR-1242-2	6.572	5.516	1445298	1462031	1.334	3.095 #
18)	L4 AR-1242-3	6.636	0.000	2211763	0	3.406	N.D. #
19)	L4 AR-1242-4	6.748	0.000	2566841	0	4.903	N.D. #
20)	L4 AR-1242-5	7.528	6.367	10988594	5793134	18.825	18.160
21)	L5 AR-1248-1	6.548	5.516f	-952047	1462031	N.D.	6.048 #
22)	L5 AR-1248-2	6.835	5.760	4263412	1429154	5.623	4.144 #
23)	L5 AR-1248-3	7.055	0.000	6422984	0	7.479	N.D. #
24)	L5 AR-1248-4	7.489	0.000	8912879	0	9.162	N.D. #
25)	L5 AR-1248-5	7.528	6.401	10988594	2421812	11.240	5.711 #
26)	L6 AR-1254-1	7.457	6.367	28276401	5793134	29.046	8.558 #
27)	L6 AR-1254-2	7.683	6.526	19231264	6993896	12.741	11.233
28)	L6 AR-1254-3	8.069	6.965f	4835838	24800509	3.095	24.979 #
29)	L6 AR-1254-4	8.358	7.187	6452363	2923802	5.563	4.708
30)	L6 AR-1254-5	8.788	7.613	63771128	28462679	49.526	29.434 #
31)	L7 AR-1260-1	8.233	7.083	57580544	34813279	42.278	43.155
32)	L7 AR-1260-2	8.496	7.279	69735117	44581000	40.581	39.270
33)	L7 AR-1260-3	8.862	7.437	105.9E6	40165152	87.867	42.103 #
34)	L7 AR-1260-4	9.107	7.917	85738292	53820430	67.318	74.070
35)	L7 AR-1260-5	9.451	8.164	179.3E6	113.5E6	65.231	59.275
36)	L8 AR-1262-1	8.862	7.613	105.9E6	28462679	61.160	59.383
37)	L8 AR-1262-2	9.451	8.164	179.3E6	113.5E6	59.182	55.440
38)	L8 AR-1262-3	9.782	8.451	89028868	52754941	43.326	62.633 #
39)	L8 AR-1262-4	9.883	8.515	100.4E6	83425946	58.793	58.787
40)	L8 AR-1262-5	10.599	9.016	73577287	37623320	64.639	61.023
41)	L9 AR-1268-1	9.782	8.451	89028868	52754941	25.322	22.769

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 Operator : DD\AJ
 Sample : M2262-08
 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 50 Sample Multiplier: 1

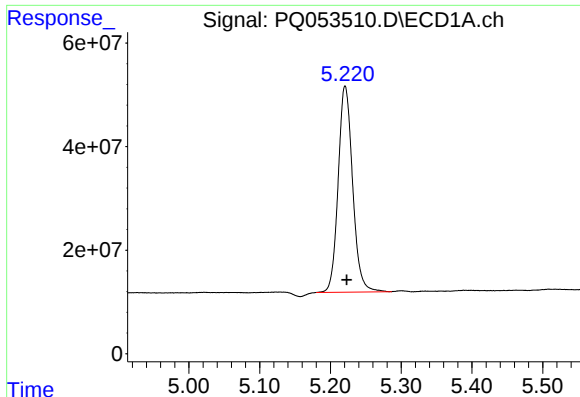
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 12:07:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 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	9.883	8.515	100.4E6	83425946	30.055	42.896 #
43) L9	AR-1268-3	10.128	8.724	6903668	5403403	2.355	3.169 #
44) L9	AR-1268-4	10.599	9.016	73577287	37623320	63.838	58.753
45) L9	AR-1268-5	11.046	9.315	31345878	14635336	3.354	3.023

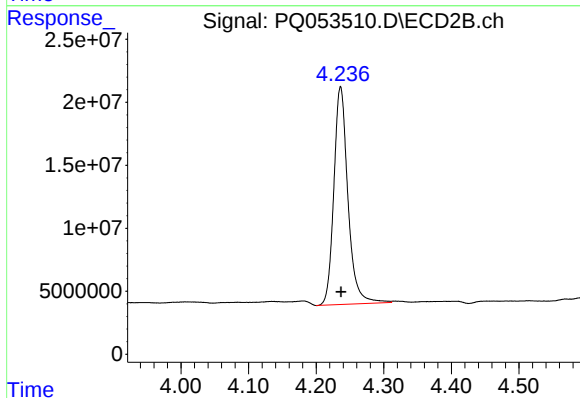
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

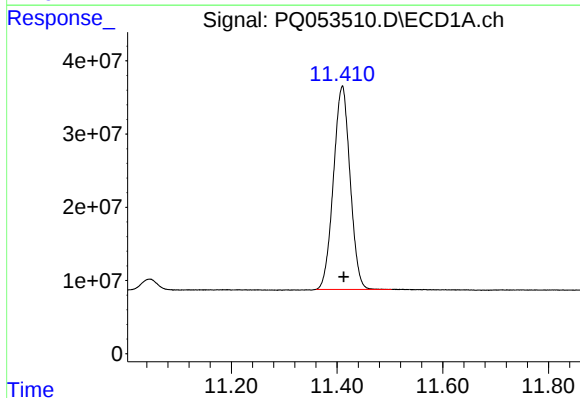
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 565243153
Conc: 19.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



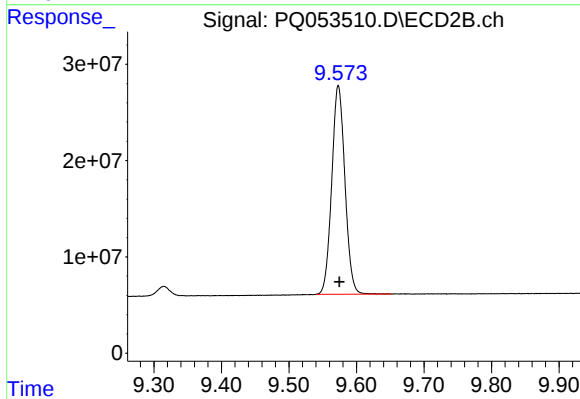
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 250101677
Conc: 19.41 ng/ml



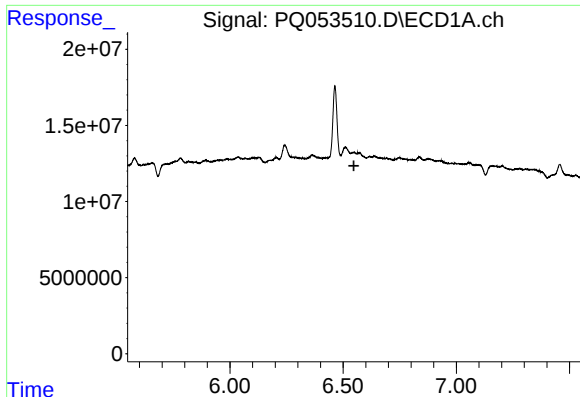
#2 Decachlorobiphenyl

R.T.: 11.410 min
Delta R.T.: -0.002 min
Response: 607074461
Conc: 20.33 ng/ml



#2 Decachlorobiphenyl

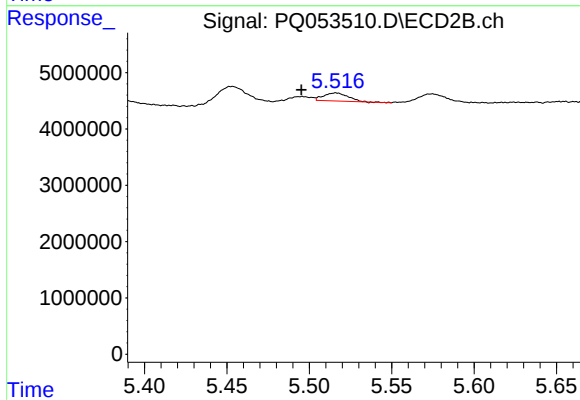
R.T.: 9.573 min
Delta R.T.: -0.002 min
Response: 293533920
Conc: 20.67 ng/ml



#3 AR-1016-1

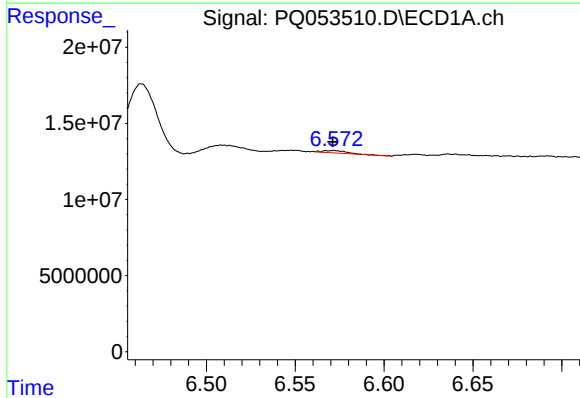
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: -952047
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



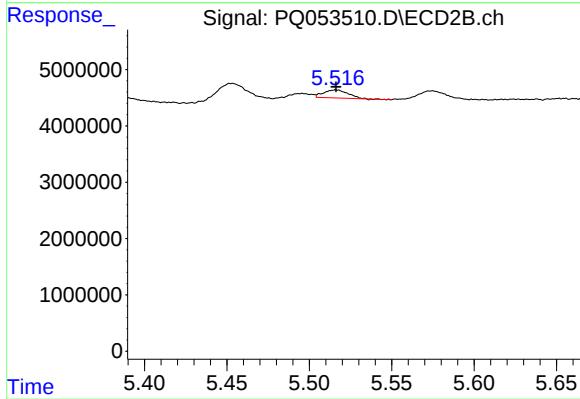
#3 AR-1016-1

R.T.: 5.516 min
Delta R.T.: 0.021 min
Response: 1462031
Conc: 3.21 ng/ml



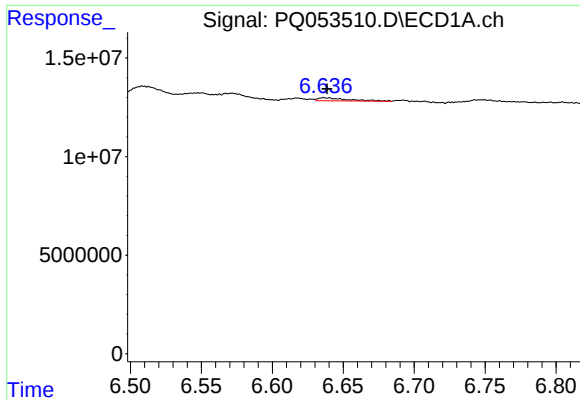
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 1445298
Conc: 0.94 ng/ml



#4 AR-1016-2

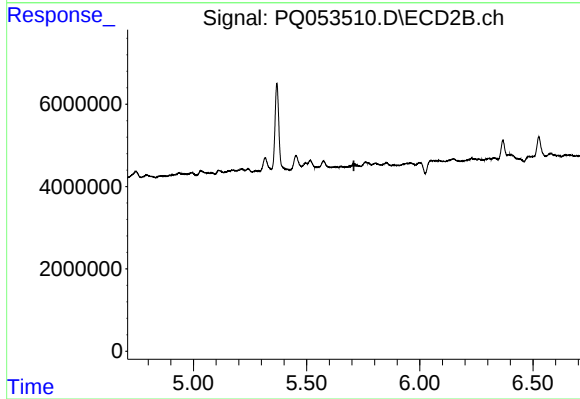
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1462031
Conc: 2.16 ng/ml



#5 AR-1016-3

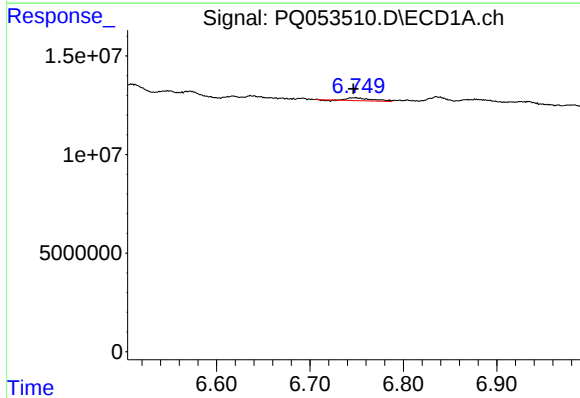
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 2211763
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



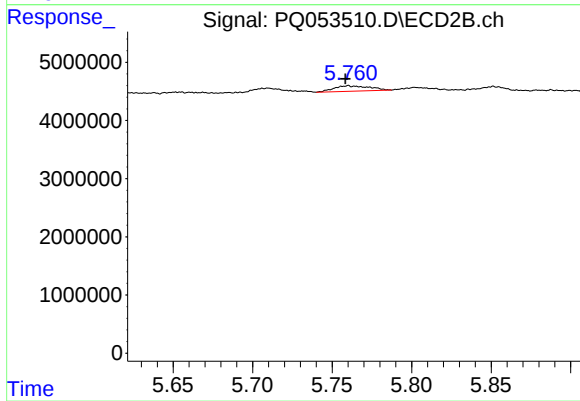
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.



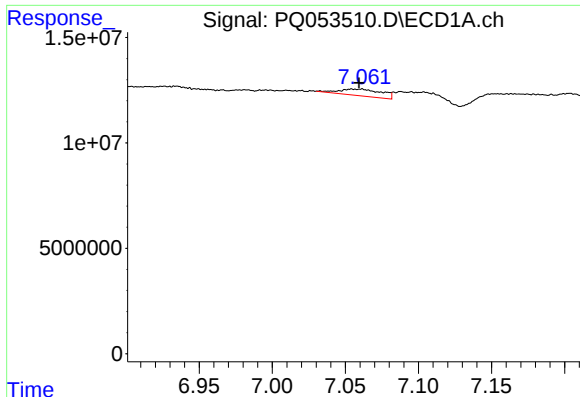
#6 AR-1016-4

R.T.: 6.748 min
Delta R.T.: 0.001 min
Response: 2566841
Conc: 3.48 ng/ml



#6 AR-1016-4

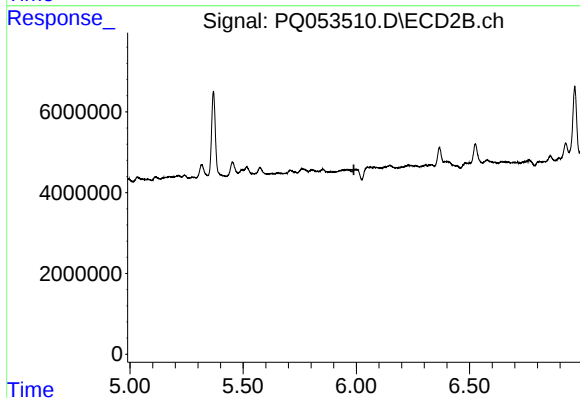
R.T.: 5.760 min
Delta R.T.: 0.002 min
Response: 1429154
Conc: 5.05 ng/ml



#7 AR-1016-5

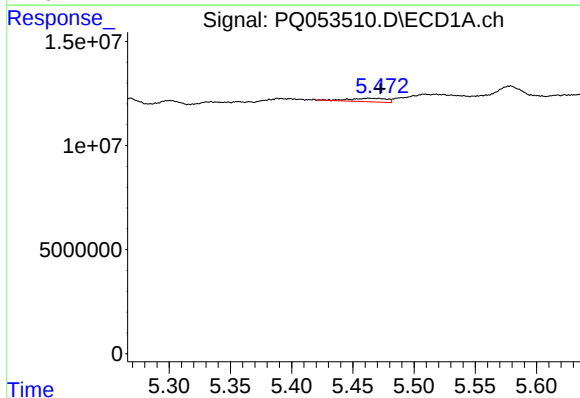
R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 6422984
Conc: 8.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



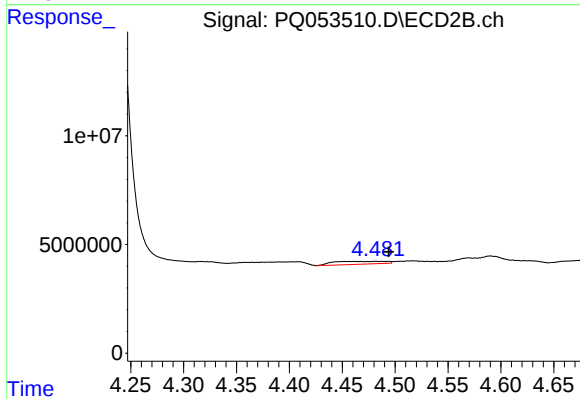
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



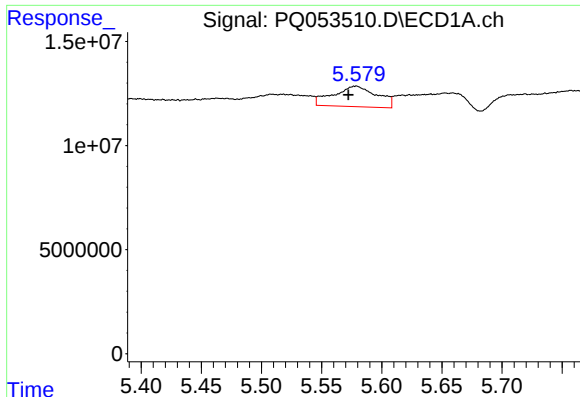
#8 AR-1221-1

R.T.: 5.463 min
Delta R.T.: -0.009 min
Response: 3600666
Conc: 12.34 ng/ml



#8 AR-1221-1

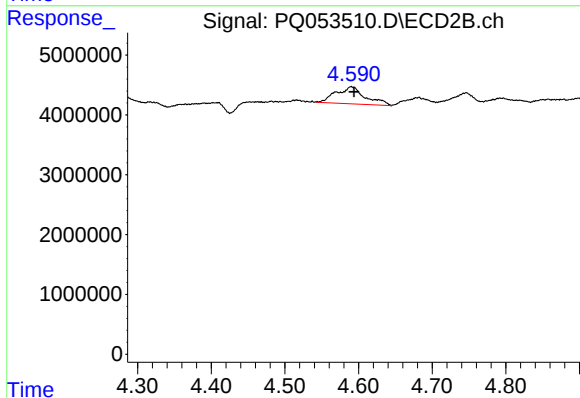
R.T.: 4.482 min
Delta R.T.: -0.012 min
Response: 4610354
Conc: 34.47 ng/ml



#9 AR-1221-2

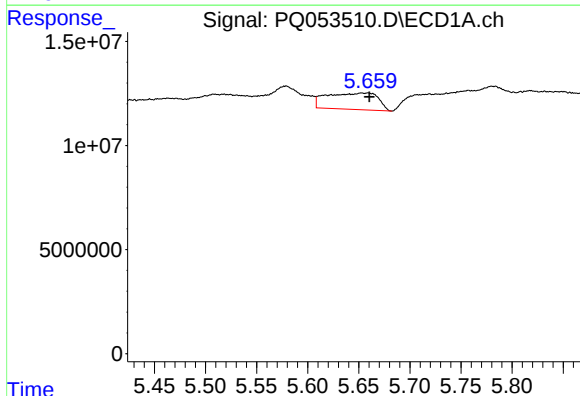
R.T.: 5.579 min
Delta R.T.: 0.006 min
Response: 25005613
Conc: 117.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



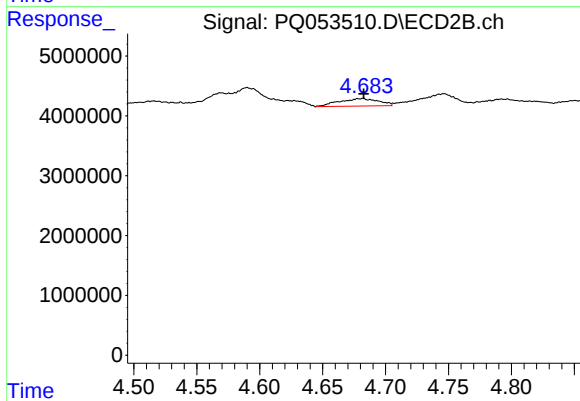
#9 AR-1221-2

R.T.: 4.590 min
Delta R.T.: -0.004 min
Response: 7822460
Conc: 77.99 ng/ml



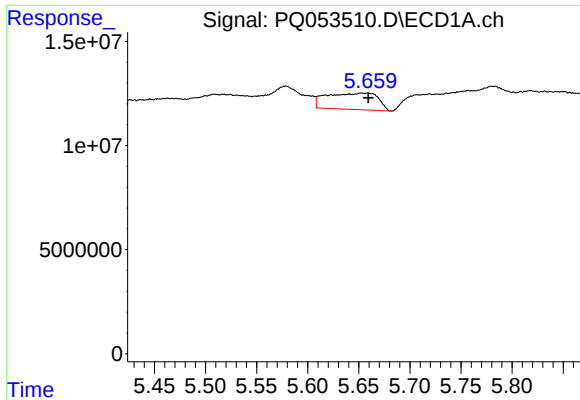
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: -0.001 min
Response: 27555401
Conc: 39.48 ng/ml



#10 AR-1221-3

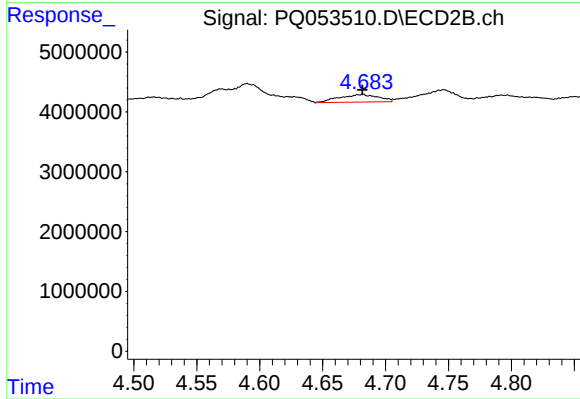
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 2716641
Conc: 8.33 ng/ml



#11 AR-1232-1

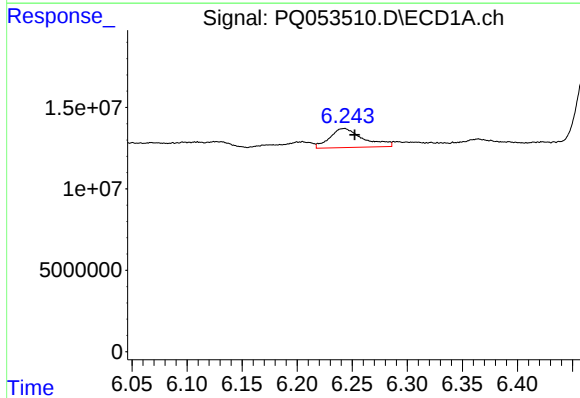
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 27555401
Conc: 53.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



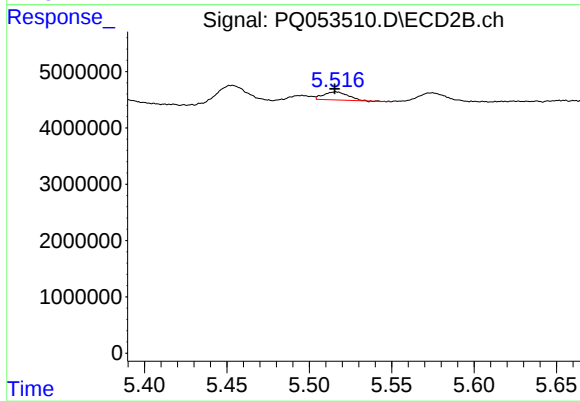
#11 AR-1232-1

R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 2716641
Conc: 11.45 ng/ml



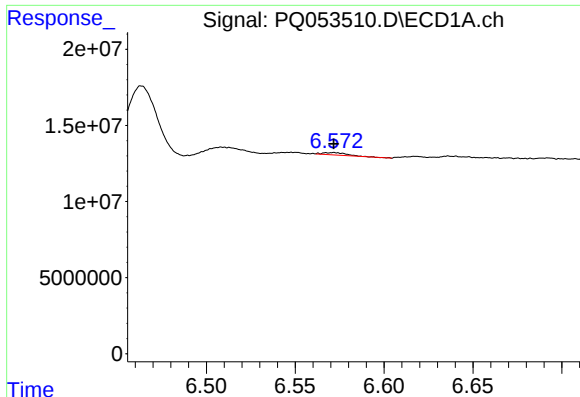
#12 AR-1232-2

R.T.: 6.243 min
Delta R.T.: -0.010 min
Response: 24783546
Conc: 89.00 ng/ml



#12 AR-1232-2

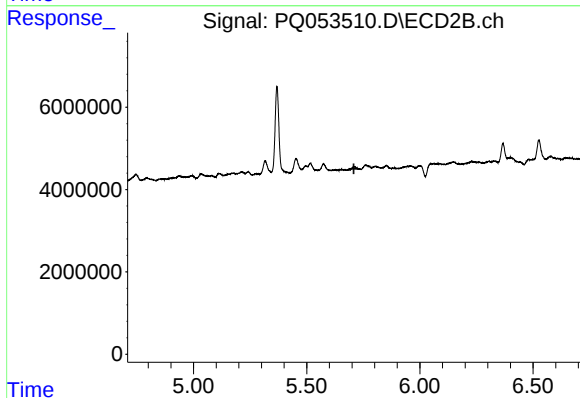
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1462031
Conc: 5.78 ng/ml



#13 AR-1232-3

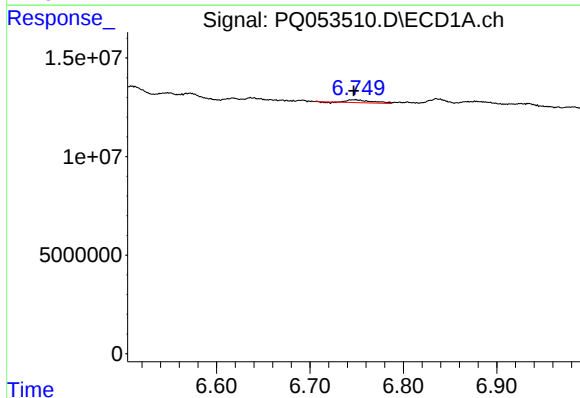
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 1445298
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



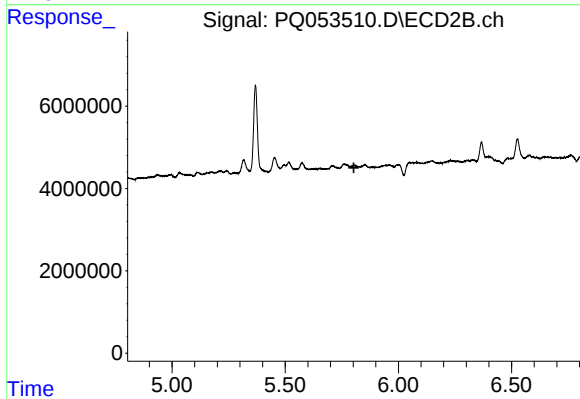
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



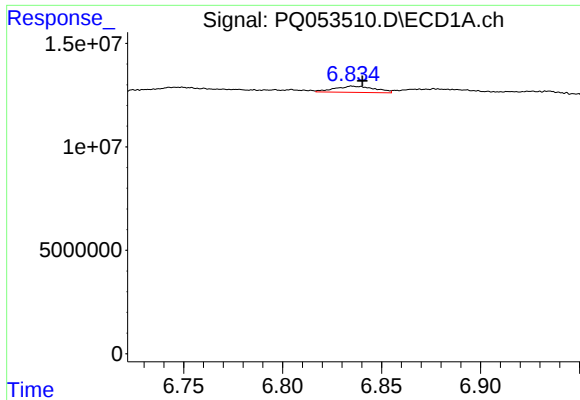
#14 AR-1232-4

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 2566841
Conc: 9.40 ng/ml



#14 AR-1232-4

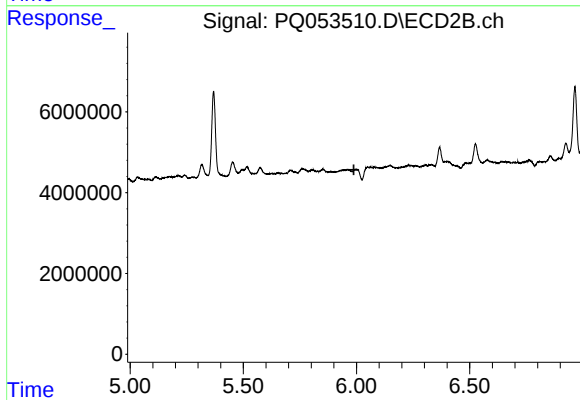
R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



#15 AR-1232-5

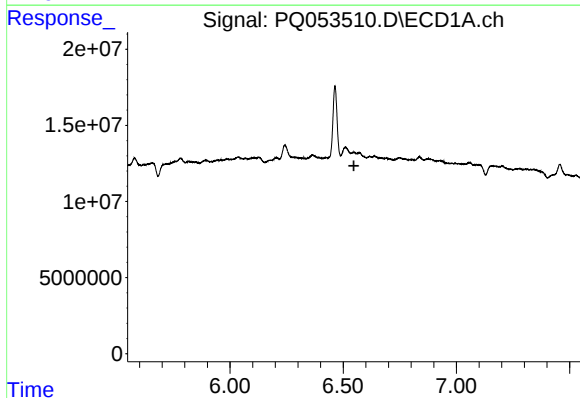
R.T.: 6.835 min
Delta R.T.: -0.005 min
Response: 4263412
Conc: 21.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



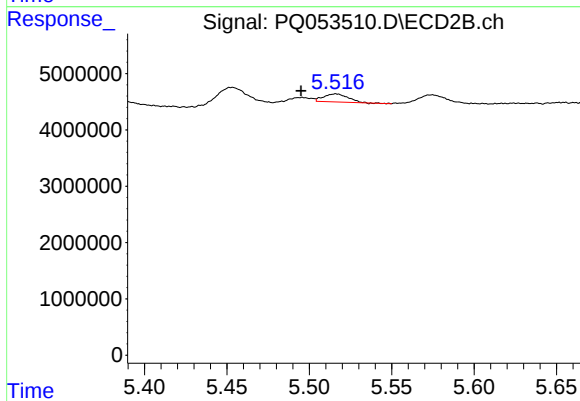
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



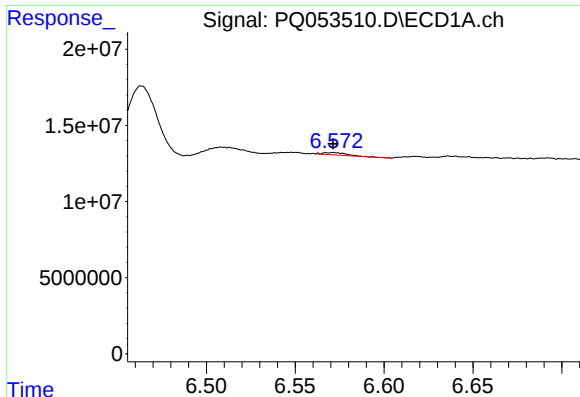
#16 AR-1242-1

R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: -952047
Conc: N.D.



#16 AR-1242-1

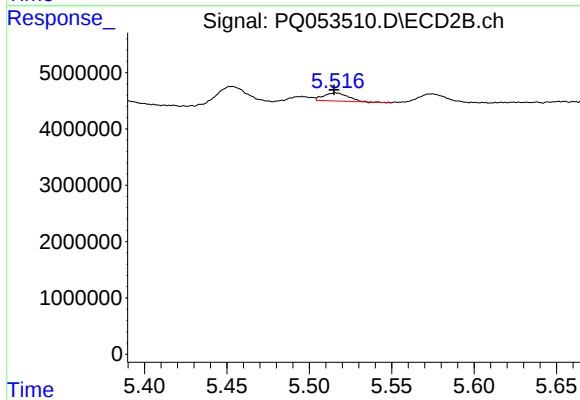
R.T.: 5.516 min
Delta R.T.: 0.021 min
Response: 1462031
Conc: 4.56 ng/ml



#17 AR-1242-2

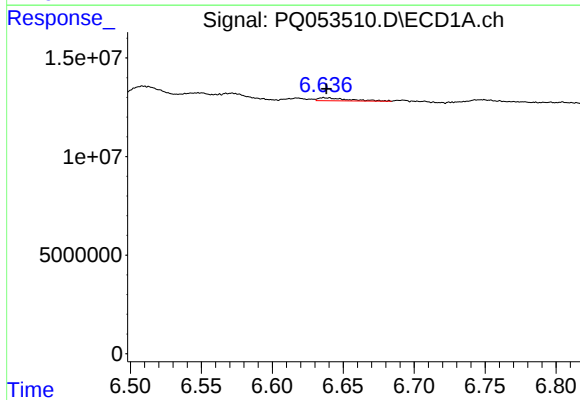
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 1445298
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



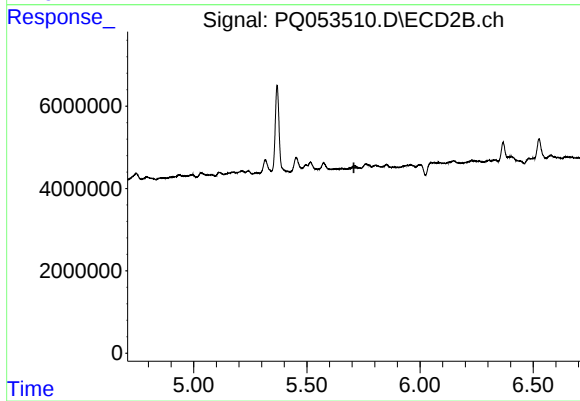
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.001 min
Response: 1462031
Conc: 3.09 ng/ml



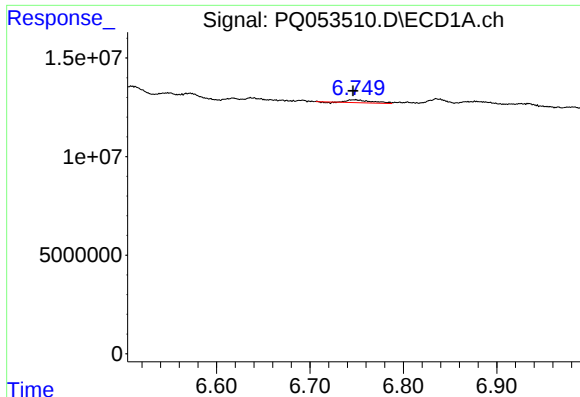
#18 AR-1242-3

R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 2211763
Conc: 3.41 ng/ml



#18 AR-1242-3

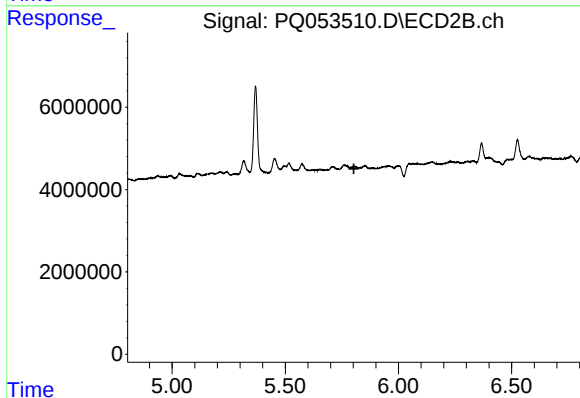
R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.



#19 AR-1242-4

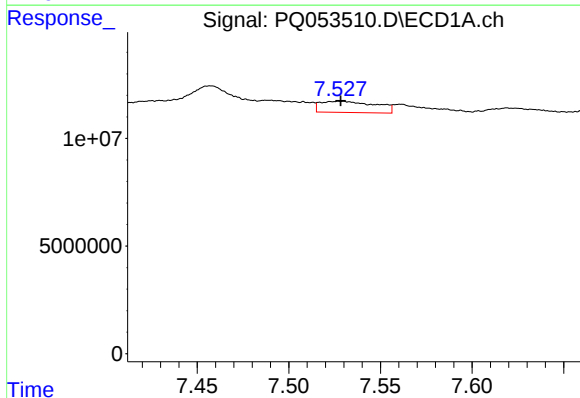
R.T.: 6.748 min
Delta R.T.: 0.002 min
Response: 2566841
Conc: 4.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



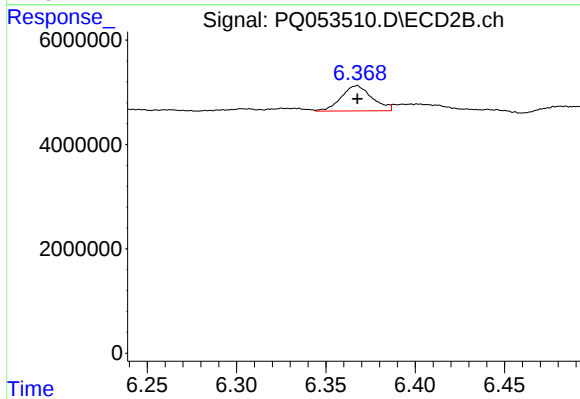
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.



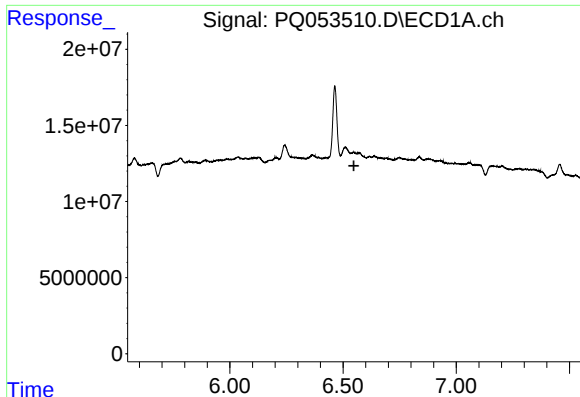
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 10988594
Conc: 18.82 ng/ml



#20 AR-1242-5

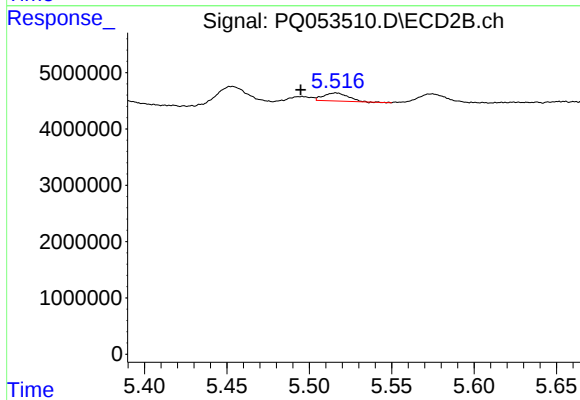
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 5793134
Conc: 18.16 ng/ml



#21 AR-1248-1

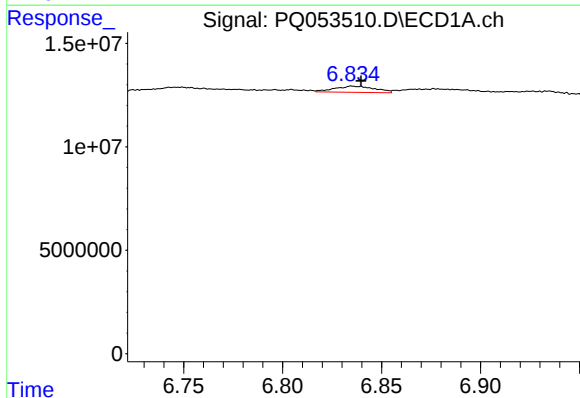
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: -952047
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



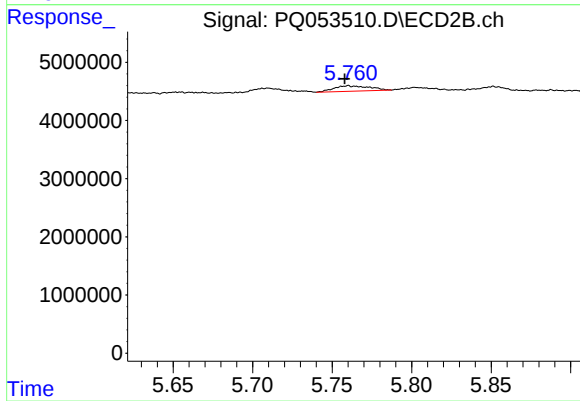
#21 AR-1248-1

R.T.: 5.516 min
Delta R.T.: 0.021 min
Response: 1462031
Conc: 6.05 ng/ml



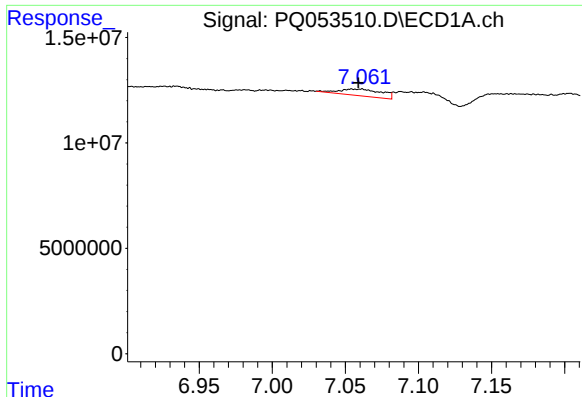
#22 AR-1248-2

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 4263412
Conc: 5.62 ng/ml



#22 AR-1248-2

R.T.: 5.760 min
Delta R.T.: 0.002 min
Response: 1429154
Conc: 4.14 ng/ml



#23 AR-1248-3

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 6422984
Conc: 7.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :

#23 AR-1248-3

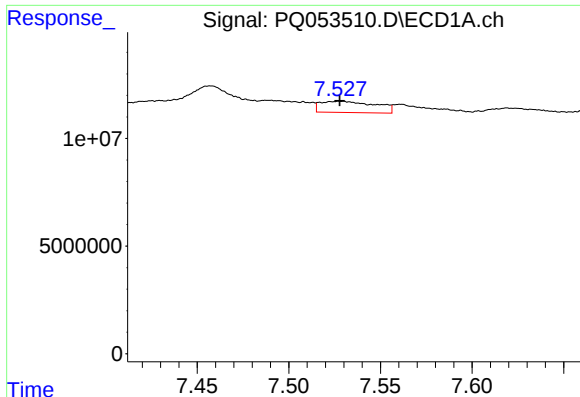
R.T.: 0.000 min
Exp R.T. : 5.803 min
Response: 0
Conc: N.D.

#24 AR-1248-4

R.T.: 7.489 min
Delta R.T.: 0.002 min
Response: 8912879
Conc: 9.16 ng/ml

#24 AR-1248-4

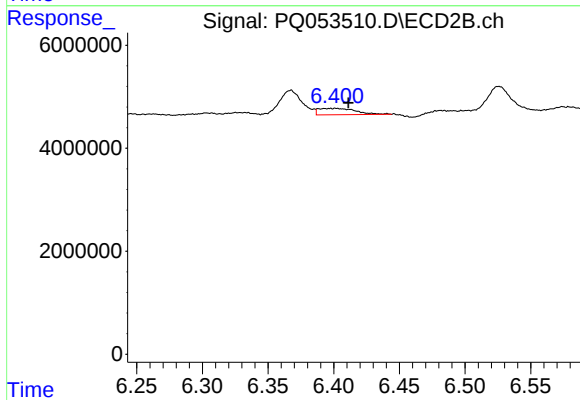
R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



#25 AR-1248-5

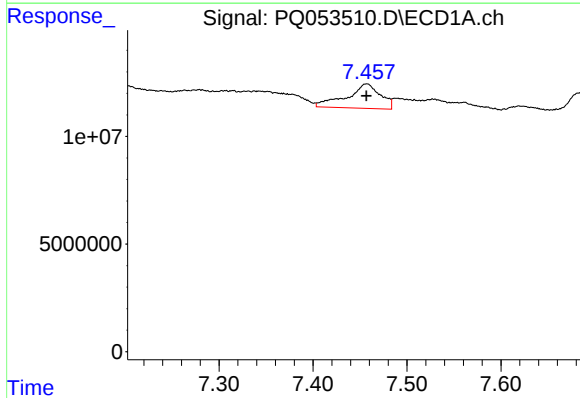
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 10988594
Conc: 11.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



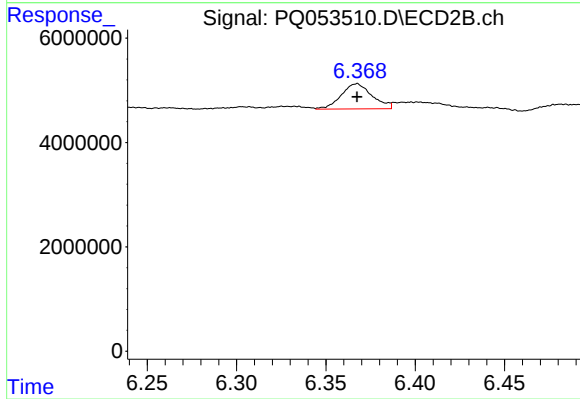
#25 AR-1248-5

R.T.: 6.401 min
Delta R.T.: -0.010 min
Response: 2421812
Conc: 5.71 ng/ml



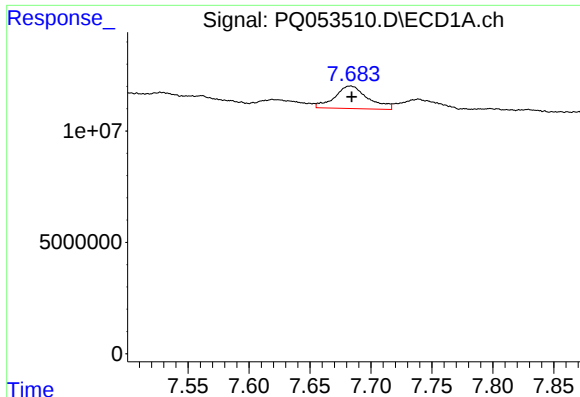
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 28276401
Conc: 29.05 ng/ml



#26 AR-1254-1

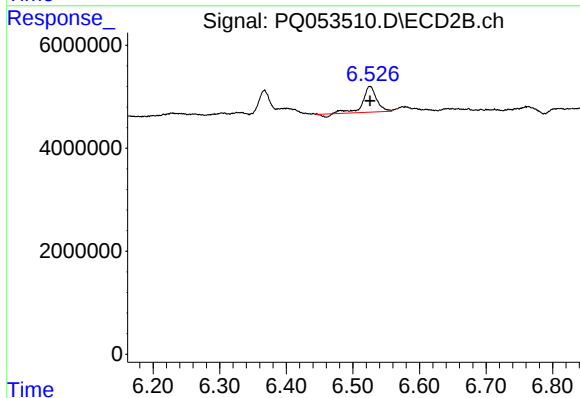
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 5793134
Conc: 8.56 ng/ml



#27 AR-1254-2

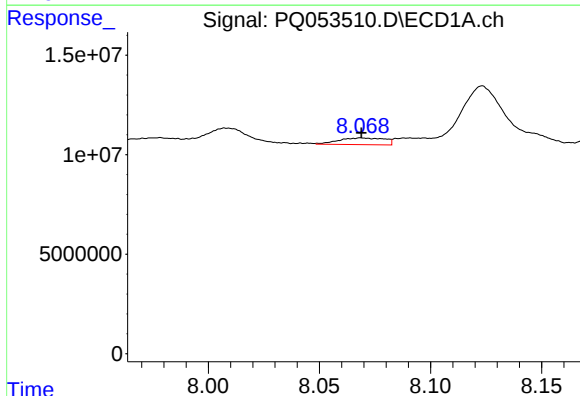
R.T.: 7.683 min
Delta R.T.: -0.001 min
Response: 19231264
Conc: 12.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



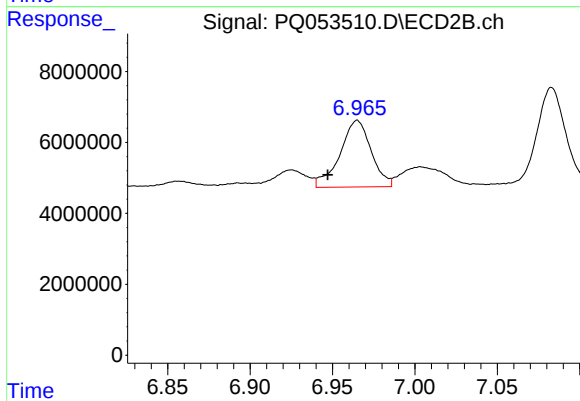
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 6993896
Conc: 11.23 ng/ml



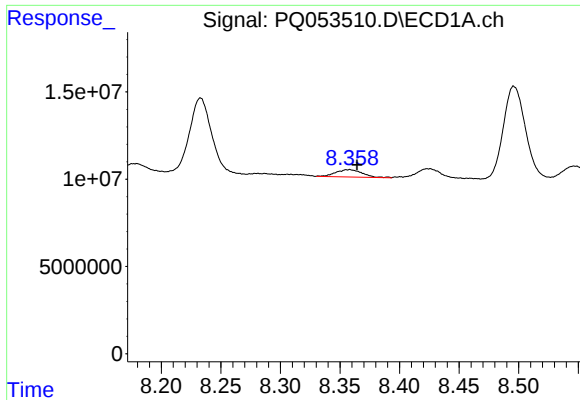
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 4835838
Conc: 3.09 ng/ml



#28 AR-1254-3

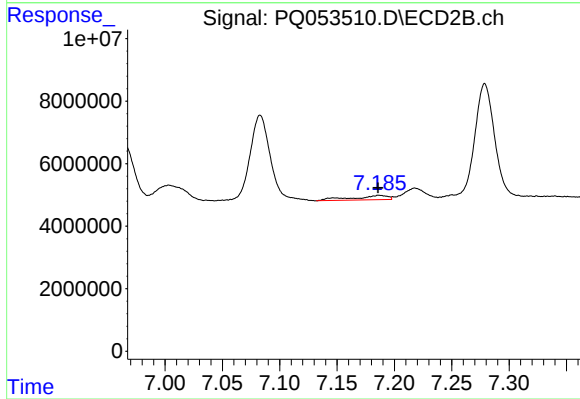
R.T.: 6.965 min
Delta R.T.: 0.018 min
Response: 24800509
Conc: 24.98 ng/ml



#29 AR-1254-4

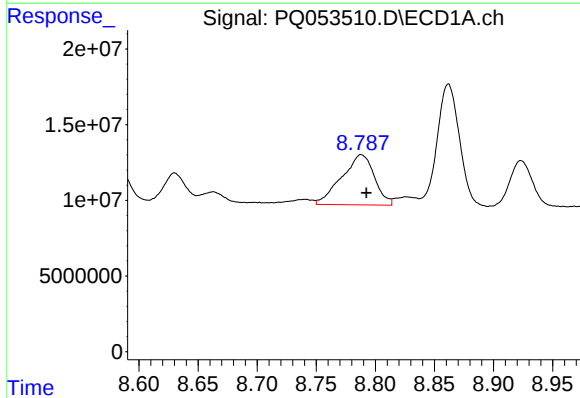
R.T.: 8.358 min
Delta R.T.: -0.006 min
Response: 6452363
Conc: 5.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



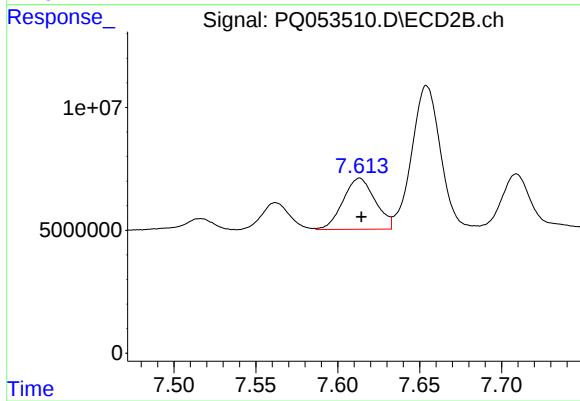
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.001 min
Response: 2923802
Conc: 4.71 ng/ml



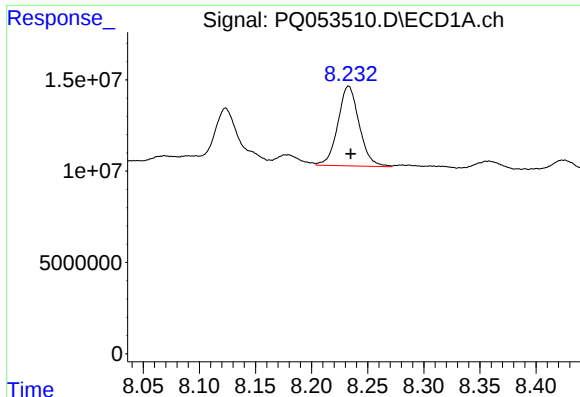
#30 AR-1254-5

R.T.: 8.788 min
Delta R.T.: -0.004 min
Response: 63771128
Conc: 49.53 ng/ml



#30 AR-1254-5

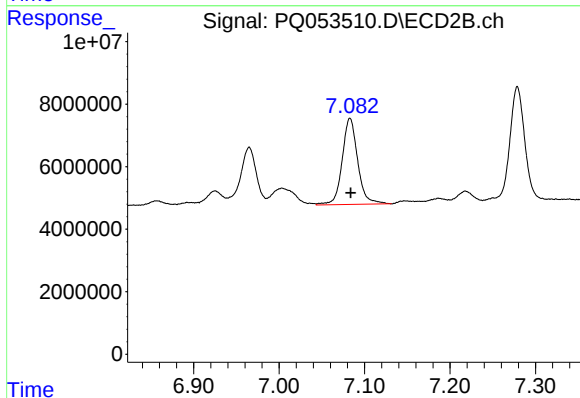
R.T.: 7.613 min
Delta R.T.: -0.001 min
Response: 28462679
Conc: 29.43 ng/ml



#31 AR-1260-1

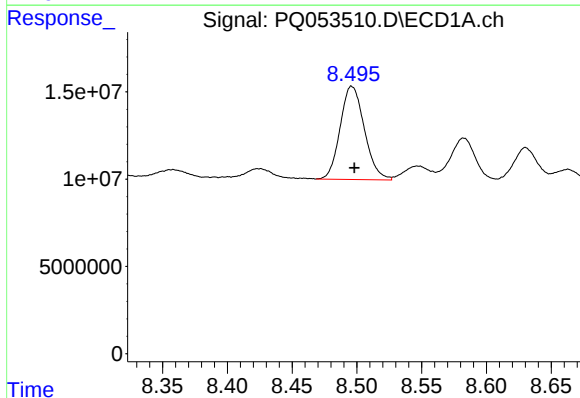
R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 57580544
Conc: 42.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



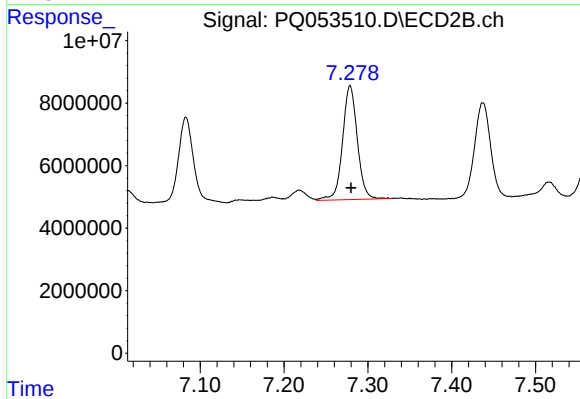
#31 AR-1260-1

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 34813279
Conc: 43.16 ng/ml



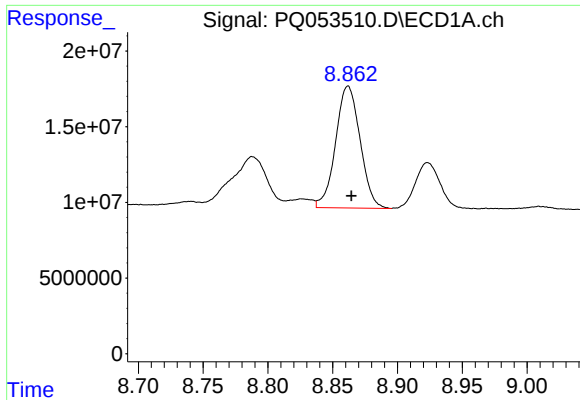
#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 69735117
Conc: 40.58 ng/ml



#32 AR-1260-2

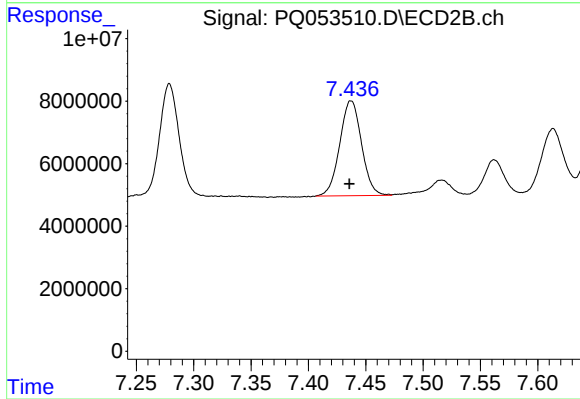
R.T.: 7.279 min
Delta R.T.: -0.001 min
Response: 44581000
Conc: 39.27 ng/ml



#33 AR-1260-3

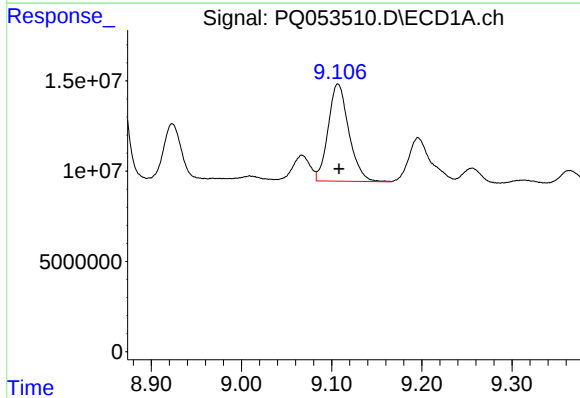
R.T.: 8.862 min
Delta R.T.: -0.003 min
Response: 105900530
Conc: 87.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



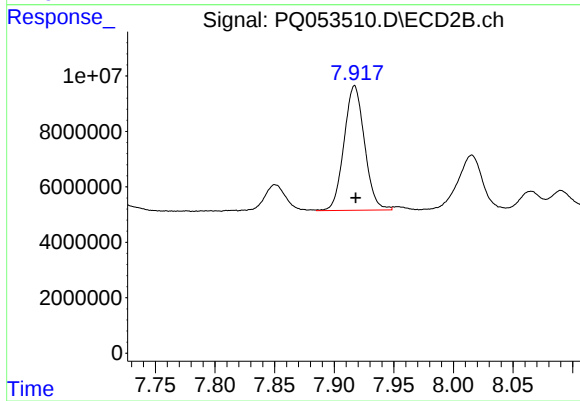
#33 AR-1260-3

R.T.: 7.437 min
Delta R.T.: 0.001 min
Response: 40165152
Conc: 42.10 ng/ml



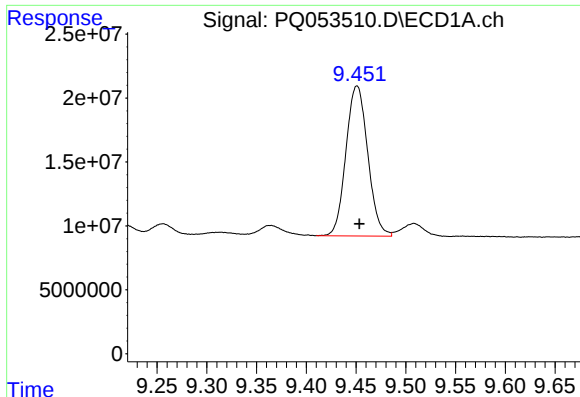
#34 AR-1260-4

R.T.: 9.107 min
Delta R.T.: -0.001 min
Response: 85738292
Conc: 67.32 ng/ml



#34 AR-1260-4

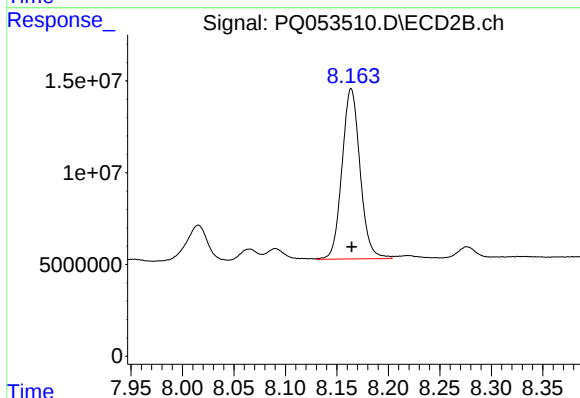
R.T.: 7.917 min
Delta R.T.: -0.001 min
Response: 53820430
Conc: 74.07 ng/ml



#35 AR-1260-5

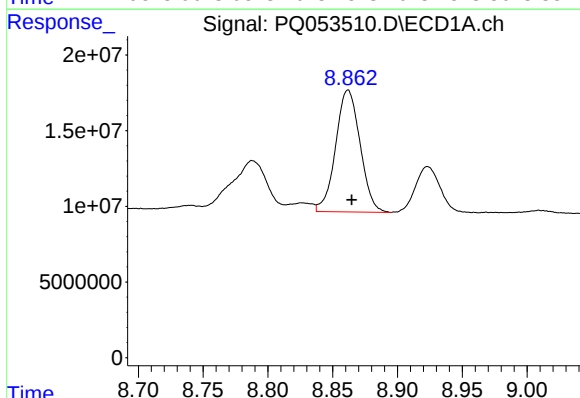
R.T.: 9.451 min
Delta R.T.: -0.002 min
Response: 179302154
Conc: 65.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



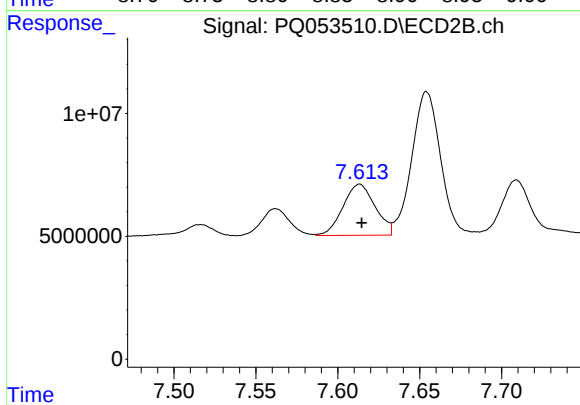
#35 AR-1260-5

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 113541231
Conc: 59.28 ng/ml



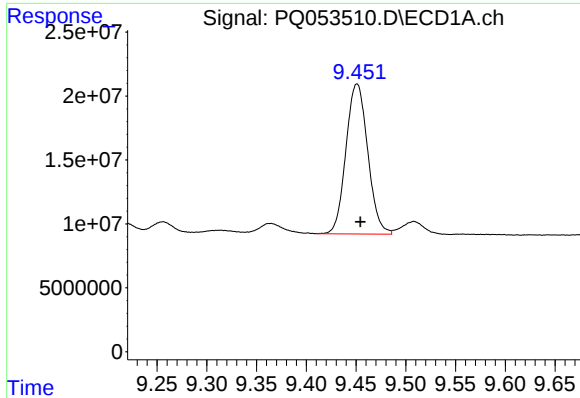
#36 AR-1262-1

R.T.: 8.862 min
Delta R.T.: -0.003 min
Response: 105900530
Conc: 61.16 ng/ml



#36 AR-1262-1

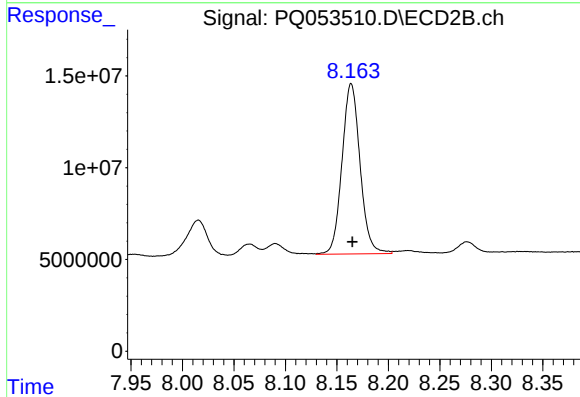
R.T.: 7.613 min
Delta R.T.: -0.001 min
Response: 28462679
Conc: 59.38 ng/ml



#37 AR-1262-2

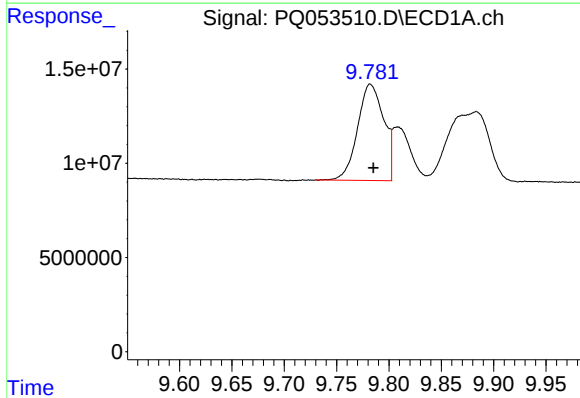
R.T.: 9.451 min
Delta R.T.: -0.003 min
Response: 179302154
Conc: 59.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



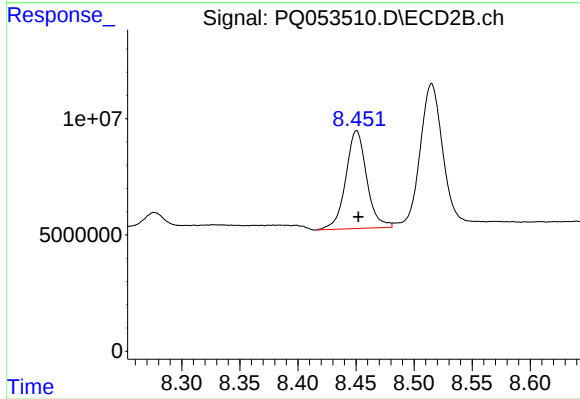
#37 AR-1262-2

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 113541231
Conc: 55.44 ng/ml



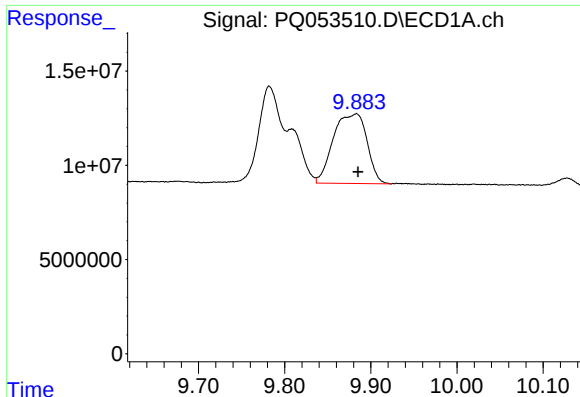
#38 AR-1262-3

R.T.: 9.782 min
Delta R.T.: -0.003 min
Response: 89028868
Conc: 43.33 ng/ml



#38 AR-1262-3

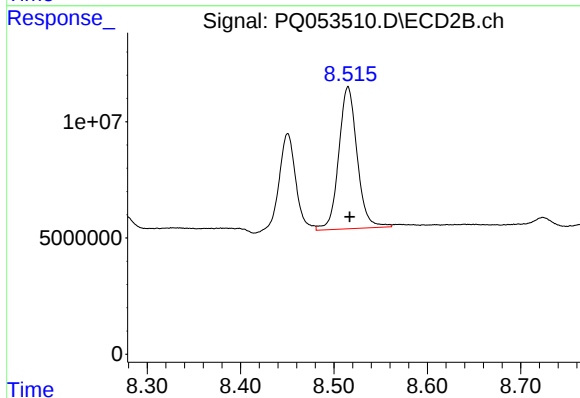
R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 52754941
Conc: 62.63 ng/ml



#39 AR-1262-4

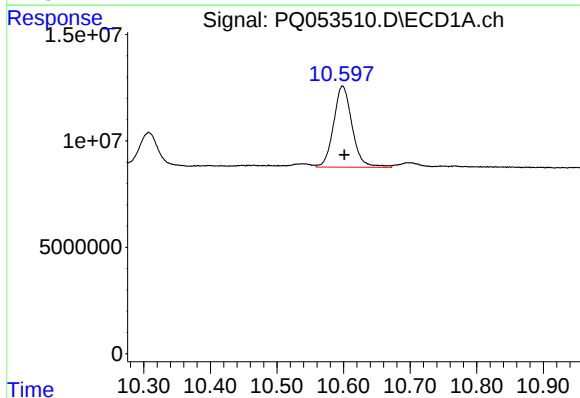
R.T.: 9.883 min
Delta R.T.: -0.002 min
Response: 100356887
Conc: 58.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



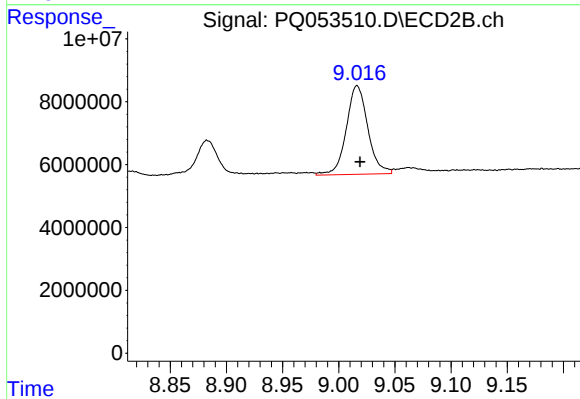
#39 AR-1262-4

R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 83425946
Conc: 58.79 ng/ml



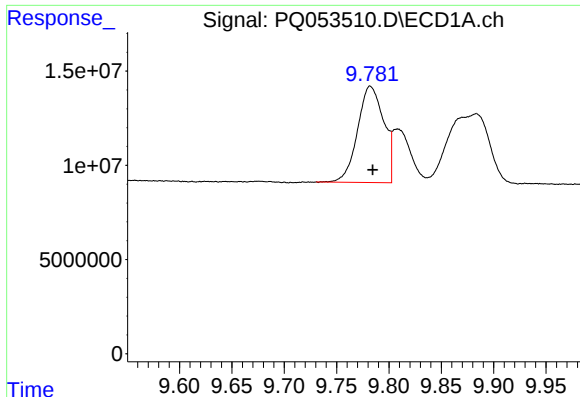
#40 AR-1262-5

R.T.: 10.599 min
Delta R.T.: -0.003 min
Response: 73577287
Conc: 64.64 ng/ml



#40 AR-1262-5

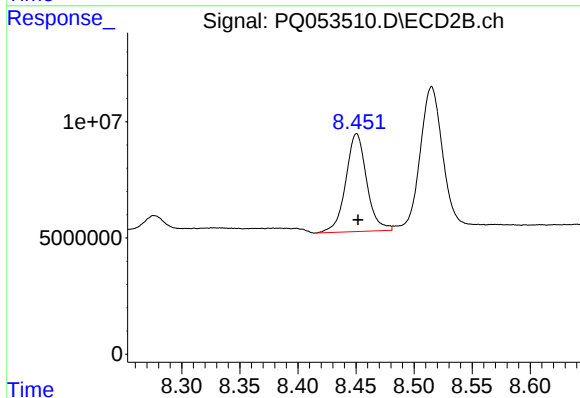
R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 37623320
Conc: 61.02 ng/ml



#41 AR-1268-1

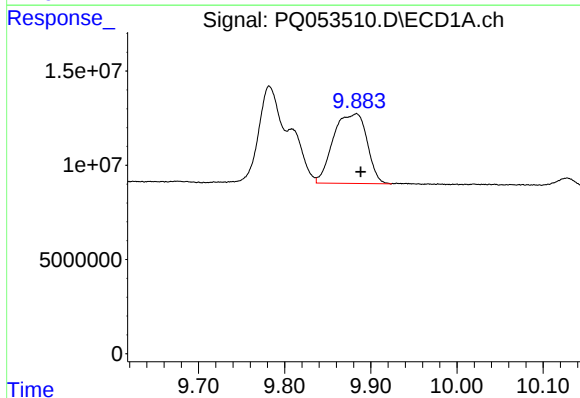
R.T.: 9.782 min
Delta R.T.: -0.002 min
Response: 89028868
Conc: 25.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



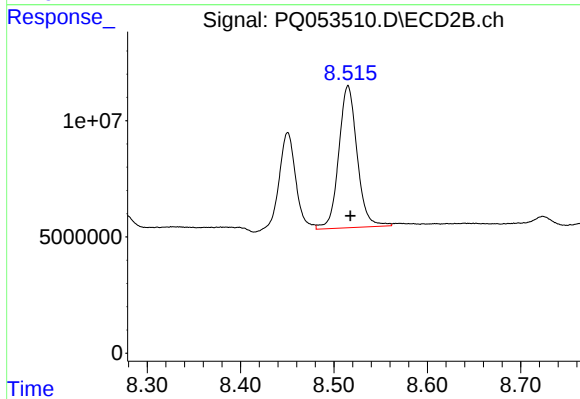
#41 AR-1268-1

R.T.: 8.451 min
Delta R.T.: -0.001 min
Response: 52754941
Conc: 22.77 ng/ml



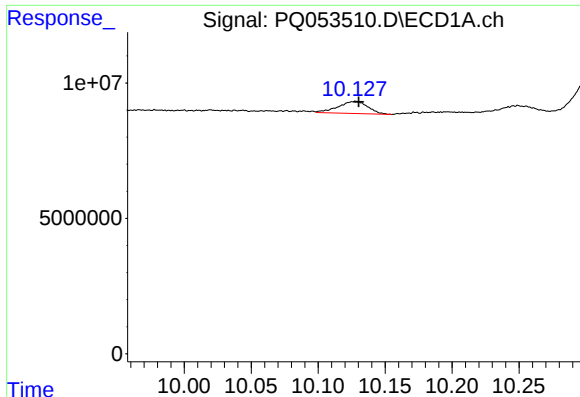
#42 AR-1268-2

R.T.: 9.883 min
Delta R.T.: -0.005 min
Response: 100356887
Conc: 30.05 ng/ml



#42 AR-1268-2

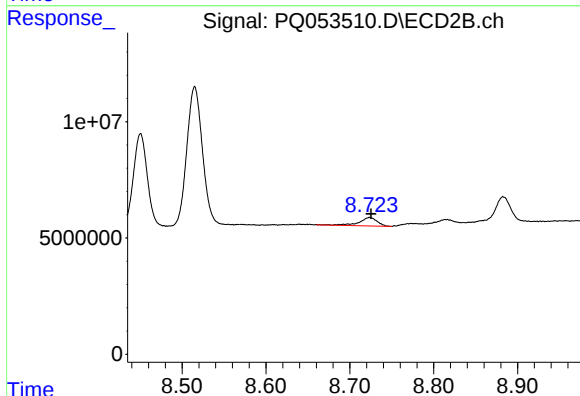
R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 83425946
Conc: 42.90 ng/ml



#43 AR-1268-3

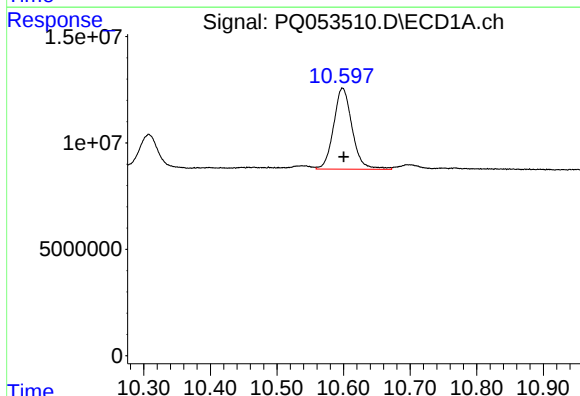
R.T.: 10.128 min
Delta R.T.: -0.002 min
Response: 6903668
Conc: 2.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



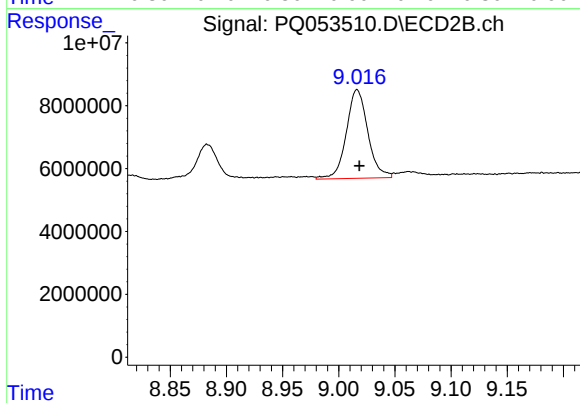
#43 AR-1268-3

R.T.: 8.724 min
Delta R.T.: -0.001 min
Response: 5403403
Conc: 3.17 ng/ml



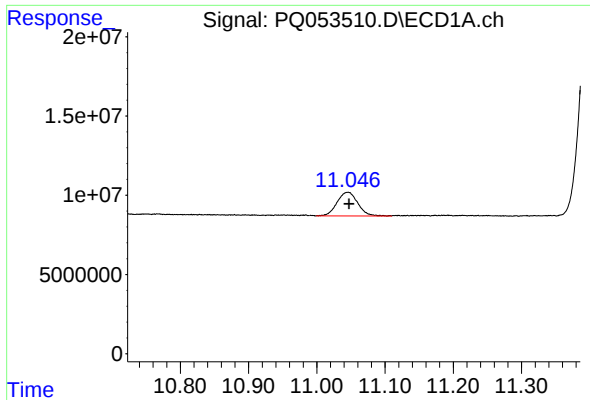
#44 AR-1268-4

R.T.: 10.599 min
Delta R.T.: -0.002 min
Response: 73577287
Conc: 63.84 ng/ml



#44 AR-1268-4

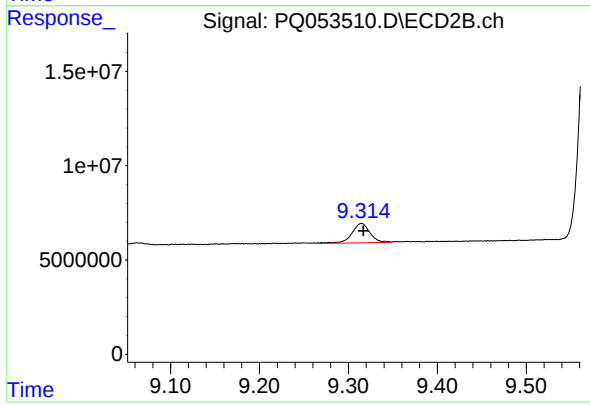
R.T.: 9.016 min
Delta R.T.: -0.002 min
Response: 37623320
Conc: 58.75 ng/ml



#45 AR-1268-5

R.T.: 11.046 min
Delta R.T.: -0.002 min
Response: 31345878
Conc: 3.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: -0.002 min
Response: 14635336
Conc: 3.02 ng/ml