

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2019 02:51
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:50:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 04 03:26:03 2019
 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...	4.704	3.985	175.7E6	89008070	23.760	21.720
2)	SA Decachlor...	10.639	9.101	136.3E6	66678131	26.182	21.391
Target Compounds							
3)	L1 AR-1016-1	5.944	0.000	546540	0	2.389	N.D. #
4)	L1 AR-1016-2	5.944	0.000	546540	0	1.625	N.D. #
5)	L1 AR-1016-3	5.944	0.000	546540	0	2.724	N.D. #
6)	L1 AR-1016-4	6.091	0.000	1067751	0	6.488	N.D. #
7)	L1 AR-1016-5	6.299	5.501	1493739	124925	9.442	1.219 #
8)	L2 AR-1221-1	4.909	4.163	615929	421149	8.737	10.439
9)	L2 AR-1221-2	5.016	4.294	3503705	1266482	69.879	43.061 #
10)	L2 AR-1221-3	5.080	0.000	142079	0	0.886	N.D. #
11)	L3 AR-1232-1	5.080	0.000	142079	0	1.069	N.D. #
13)	L3 AR-1232-3	5.944	0.000	546540	0	4.254	N.D. #
14)	L3 AR-1232-4	6.091	5.394	1067751	1678714	16.363	50.867 #
15)	L3 AR-1232-5	6.194	5.501	3857449	124925	78.155	3.593 #
16)	L4 AR-1242-1	5.944	0.000	546540	0	3.406	N.D. #
17)	L4 AR-1242-2	5.944	0.000	546540	0	2.317	N.D. #
18)	L4 AR-1242-3	5.944	0.000	546540	0	3.758	N.D. #
19)	L4 AR-1242-4	6.091	5.394	1067751	1678714	8.933	24.497 #
20)	L4 AR-1242-5	6.821	0.000	587303	0	5.250	N.D. #
21)	L5 AR-1248-1	5.944	0.000	546540	0	4.665	N.D. #
22)	L5 AR-1248-2	6.194	0.000	3857449	0	24.134	N.D. #
23)	L5 AR-1248-3	6.299	5.394	1493739	1678714	8.697	17.820 #
24)	L5 AR-1248-4	6.794	5.501	849346	124925	4.788	1.089 #
25)	L5 AR-1248-5	6.821	0.000	587303	0	3.462	N.D. #
26)	L6 AR-1254-1	6.745	0.000	2448186	0	12.476	N.D. #
28)	L6 AR-1254-3	7.354	6.450	1293583	450977	4.324	1.737 #
29)	L6 AR-1254-4	7.573	0.000	110670	0	0.556	N.D. #
30)	L6 AR-1254-5	0.000	7.132	0	2569894	N.D.	12.181 #
31)	L7 AR-1260-1	7.499	0.000	626050	0	2.464	N.D. #
32)	L7 AR-1260-2	0.000	6.762	0	446413	N.D.	2.052 #
33)	L7 AR-1260-3	8.112	0.000	4171831	0	18.219	N.D. #
34)	L7 AR-1260-4	8.371	7.392	7904126	2934553	29.814	17.395 #
35)	L7 AR-1260-5	8.692	7.632	2764374	1317394	5.441	3.260 #
36)	L8 AR-1262-1	8.172	7.132	608642	2569894	4.801	10.746 #
37)	L8 AR-1262-2	8.692	7.632	2764374	1317394	5.367	3.129 #
38)	L8 AR-1262-3	9.023	7.918	20279403	12802445	57.868	80.228 #
39)	L8 AR-1262-4	9.124	7.984	19631289	10964766	67.957	36.003 #
40)	L8 AR-1262-5	9.828	8.501	8128766	4063002	44.871	30.471 #
41)	L9 AR-1268-1	9.023	7.918	20279403	12802445	32.216	27.071
42)	L9 AR-1268-2	9.124	7.984	19631289	10964766	31.995	25.118
43)	L9 AR-1268-3	9.369	8.197	16255849	9656853	32.226	27.090

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 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 51 Sample Multiplier: 1

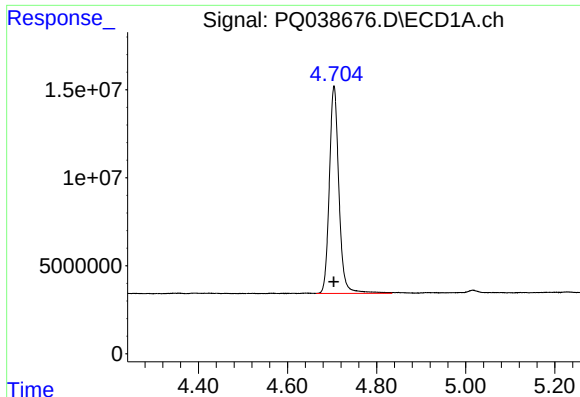
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:50:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040319.M
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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
44) L9	AR-1268-4	9.828	8.501	8128766	4063002	37.165	27.088 #
45) L9	AR-1268-5	10.275	8.819	57916953	28412939	33.716	24.595 #

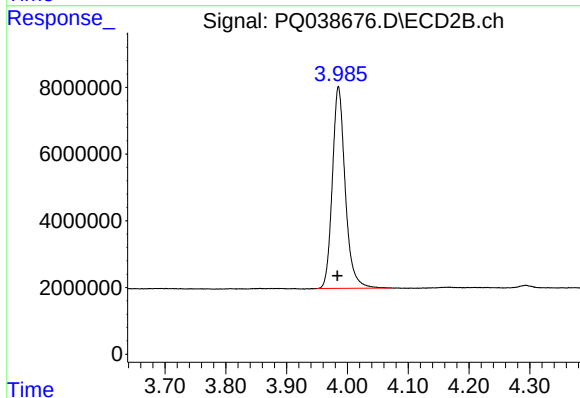
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

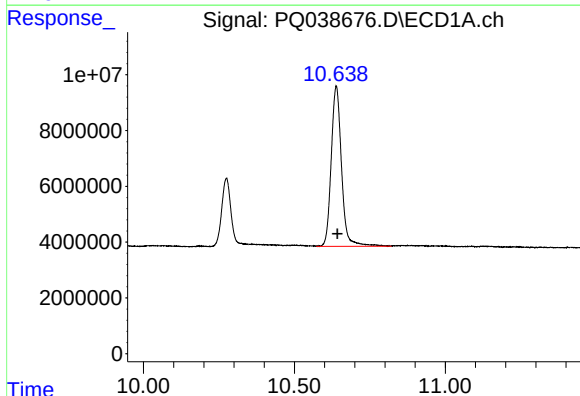
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 175745823
Conc: 23.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



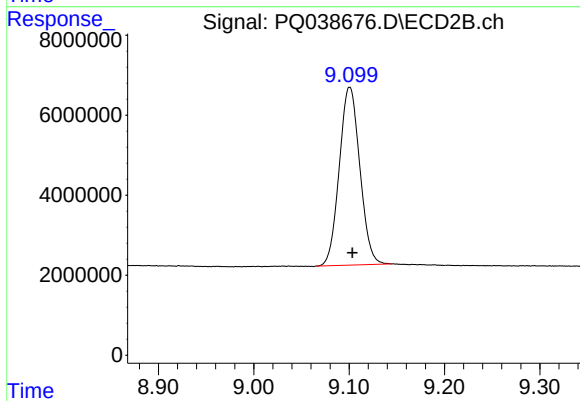
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 89008070
Conc: 21.72 ng/ml



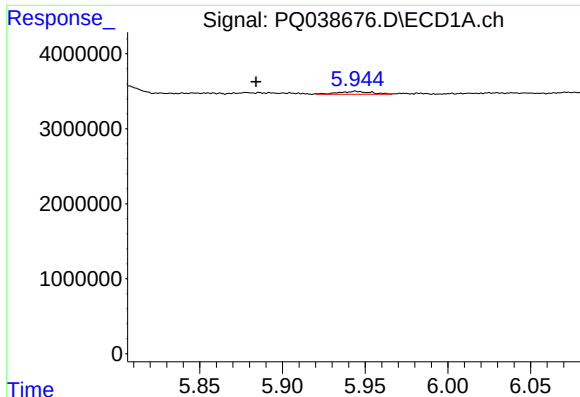
#2 Decachlorobiphenyl

R.T.: 10.639 min
Delta R.T.: -0.003 min
Response: 136298718
Conc: 26.18 ng/ml



#2 Decachlorobiphenyl

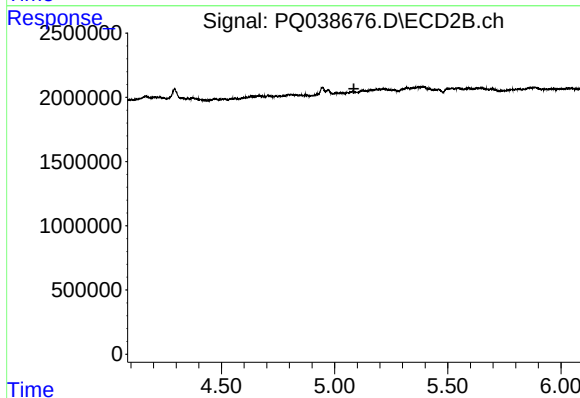
R.T.: 9.101 min
Delta R.T.: -0.003 min
Response: 66678131
Conc: 21.39 ng/ml



#3 AR-1016-1

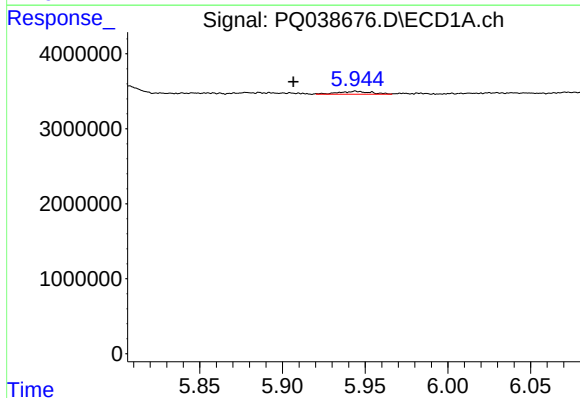
R.T.: 5.944 min
Delta R.T.: 0.060 min
Response: 546540
Conc: 2.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



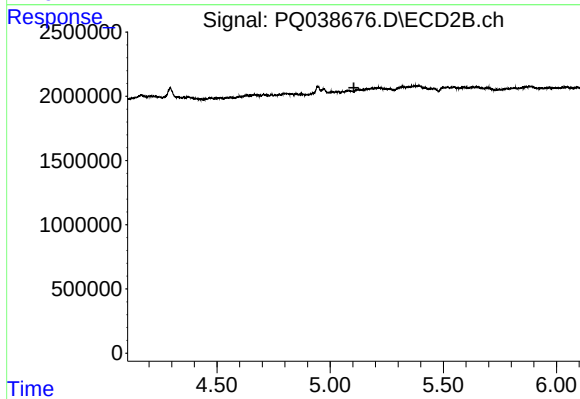
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



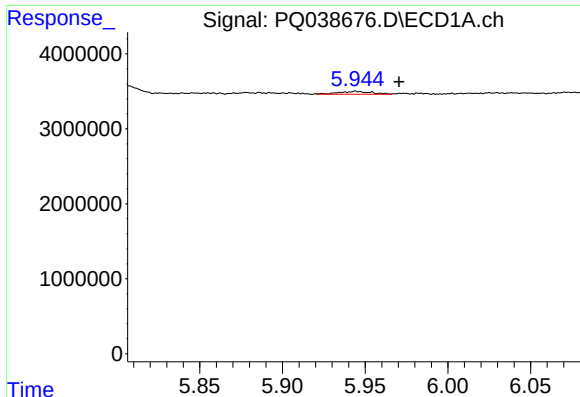
#4 AR-1016-2

R.T.: 5.944 min
Delta R.T.: 0.038 min
Response: 546540
Conc: 1.63 ng/ml



#4 AR-1016-2

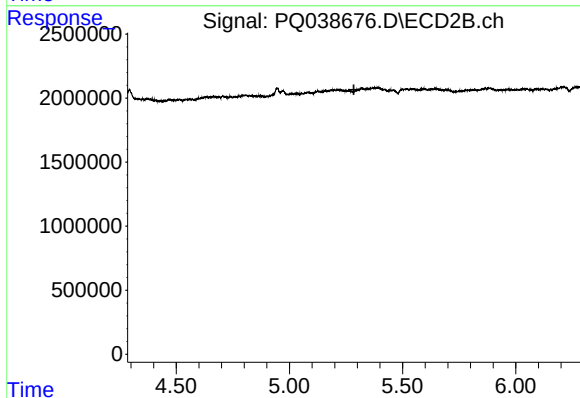
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#5 AR-1016-3

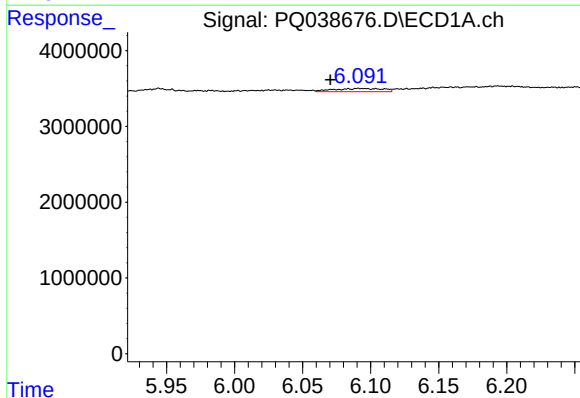
R.T.: 5.944 min
Delta R.T.: -0.026 min
Response: 546540
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



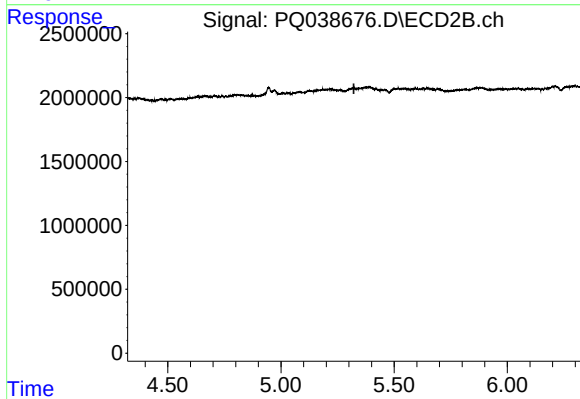
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.285 min
Response: 0
Conc: N.D.



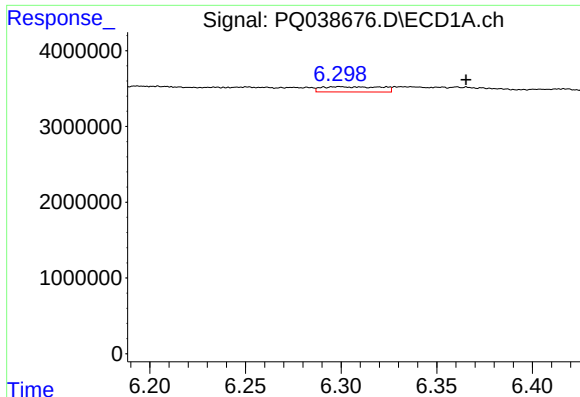
#6 AR-1016-4

R.T.: 6.091 min
Delta R.T.: 0.021 min
Response: 1067751
Conc: 6.49 ng/ml



#6 AR-1016-4

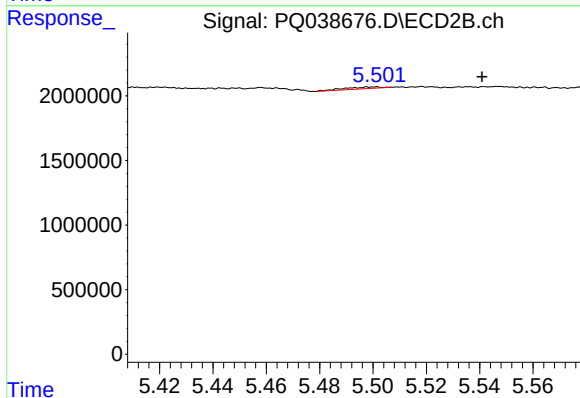
R.T.: 0.000 min
Exp R.T. : 5.322 min
Response: 0
Conc: N.D.



#7 AR-1016-5

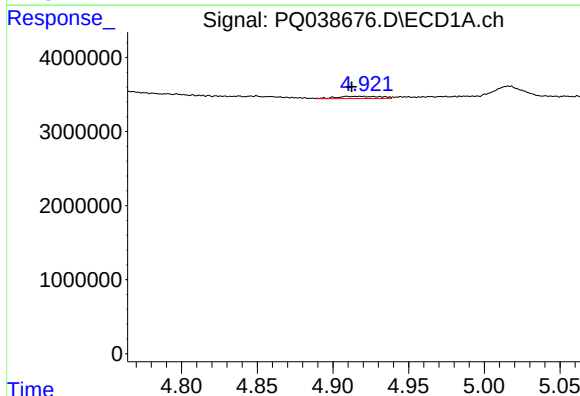
R.T.: 6.299 min
Delta R.T.: -0.066 min
Response: 1493739
Conc: 9.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



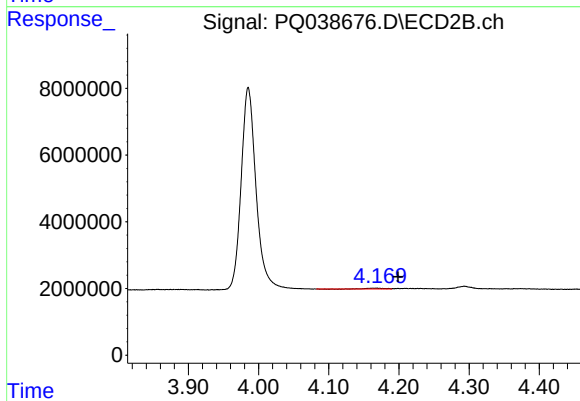
#7 AR-1016-5

R.T.: 5.501 min
Delta R.T.: -0.040 min
Response: 124925
Conc: 1.22 ng/ml



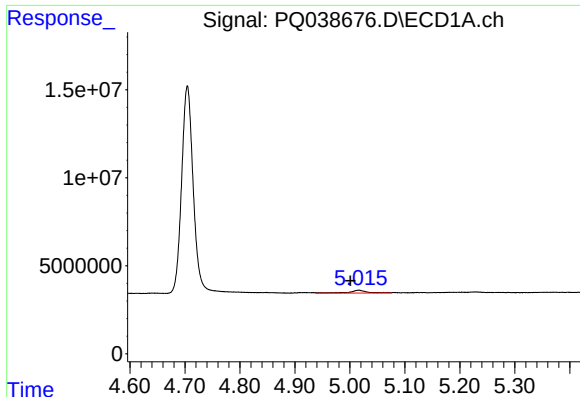
#8 AR-1221-1

R.T.: 4.909 min
Delta R.T.: -0.003 min
Response: 615929
Conc: 8.74 ng/ml



#8 AR-1221-1

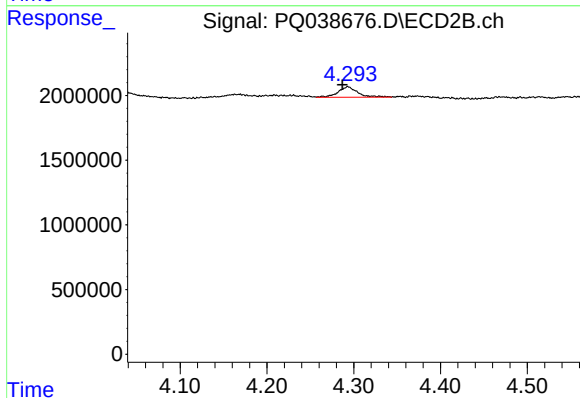
R.T.: 4.163 min
Delta R.T.: -0.035 min
Response: 421149
Conc: 10.44 ng/ml



#9 AR-1221-2

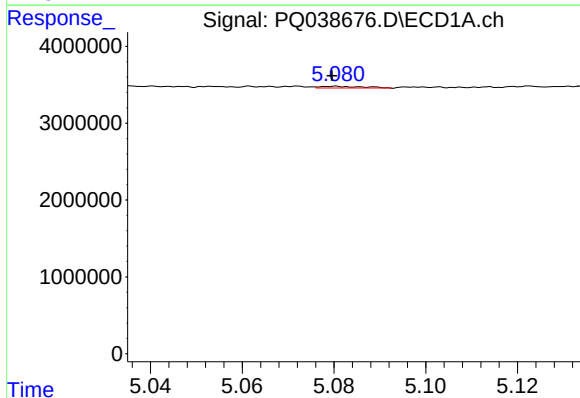
R.T.: 5.016 min
Delta R.T.: 0.015 min
Response: 3503705
Conc: 69.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



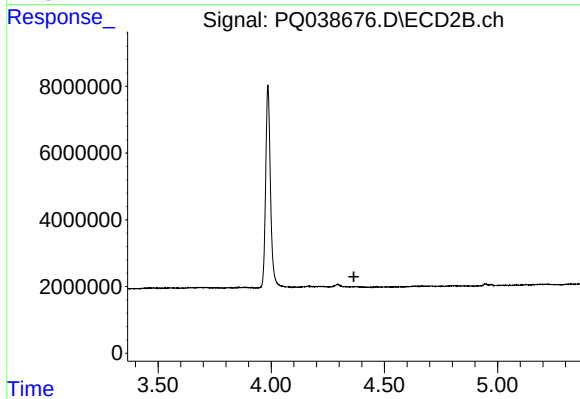
#9 AR-1221-2

R.T.: 4.294 min
Delta R.T.: 0.006 min
Response: 1266482
Conc: 43.06 ng/ml



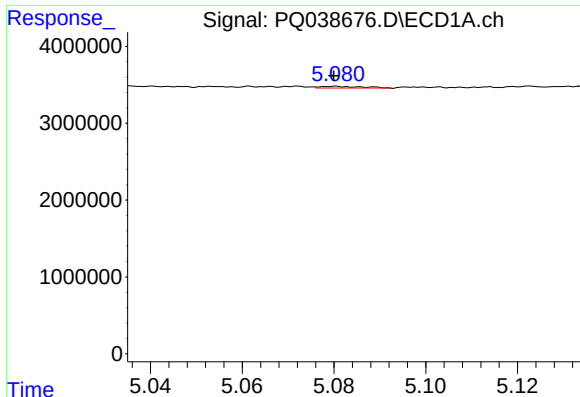
#10 AR-1221-3

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 142079
Conc: 0.89 ng/ml



#10 AR-1221-3

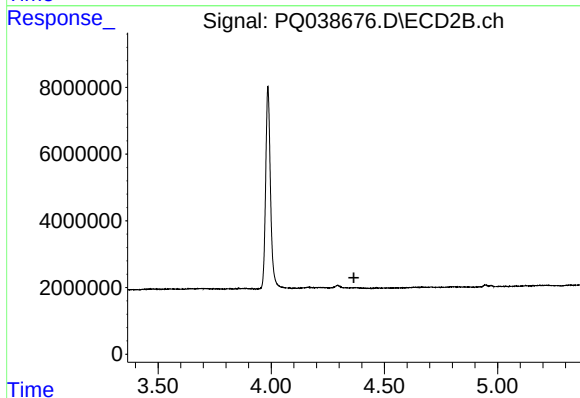
R.T.: 0.000 min
Exp R.T.: 4.365 min
Response: 0
Conc: N.D.



#11 AR-1232-1

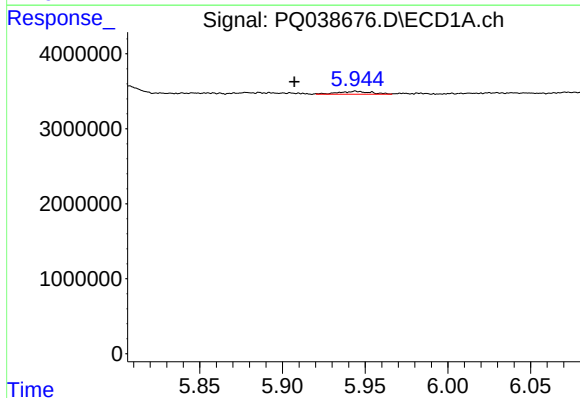
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 142079
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



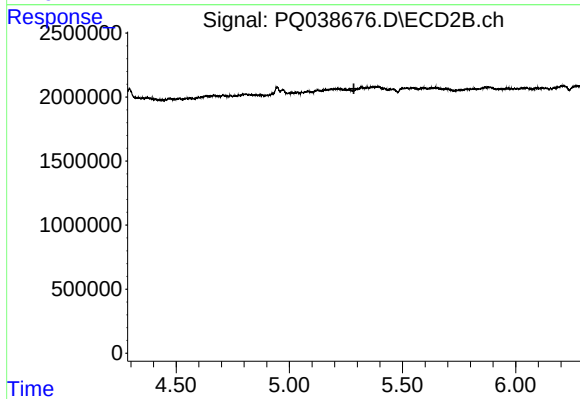
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



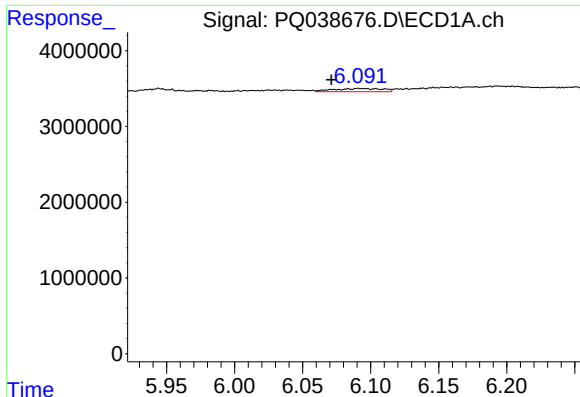
#13 AR-1232-3

R.T.: 5.944 min
Delta R.T.: 0.037 min
Response: 546540
Conc: 4.25 ng/ml



#13 AR-1232-3

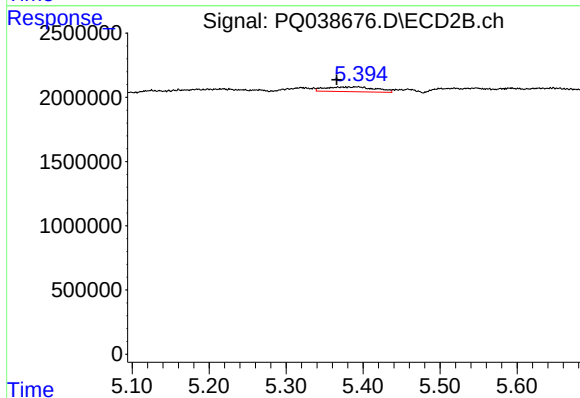
R.T.: 0.000 min
Exp R.T. : 5.285 min
Response: 0
Conc: N.D.



#14 AR-1232-4

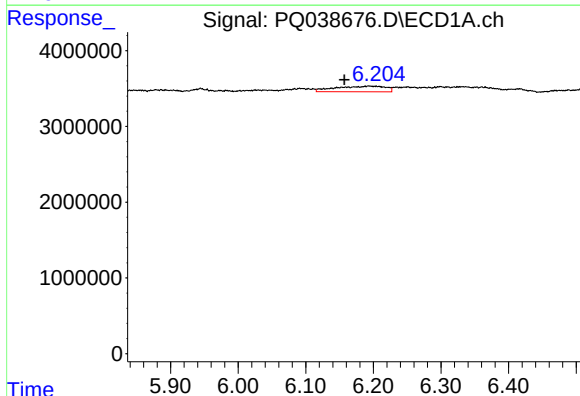
R.T.: 6.091 min
Delta R.T.: 0.020 min
Response: 1067751
Conc: 16.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



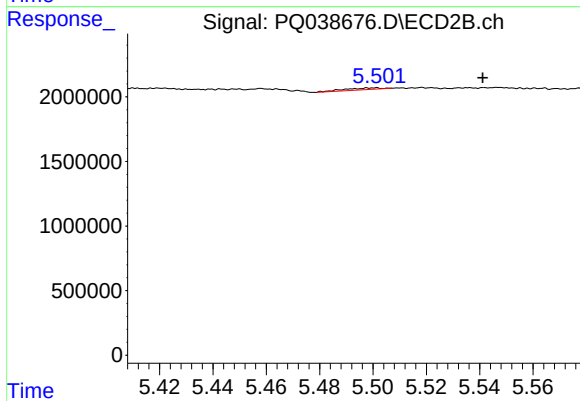
#14 AR-1232-4

R.T.: 5.394 min
Delta R.T.: 0.028 min
Response: 1678714
Conc: 50.87 ng/ml



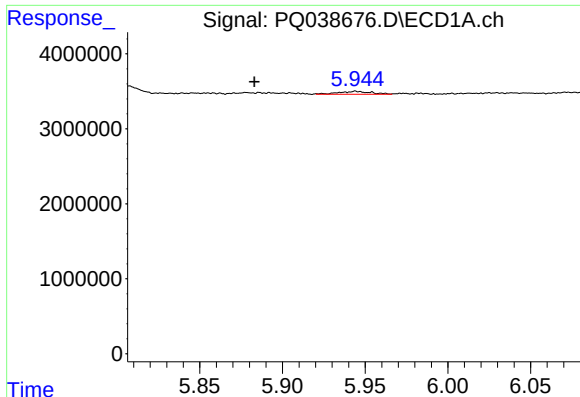
#15 AR-1232-5

R.T.: 6.194 min
Delta R.T.: 0.036 min
Response: 3857449
Conc: 78.16 ng/ml



#15 AR-1232-5

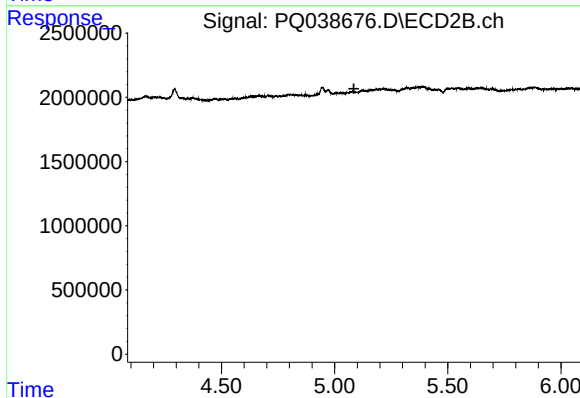
R.T.: 5.501 min
Delta R.T.: -0.040 min
Response: 124925
Conc: 3.59 ng/ml



#16 AR-1242-1

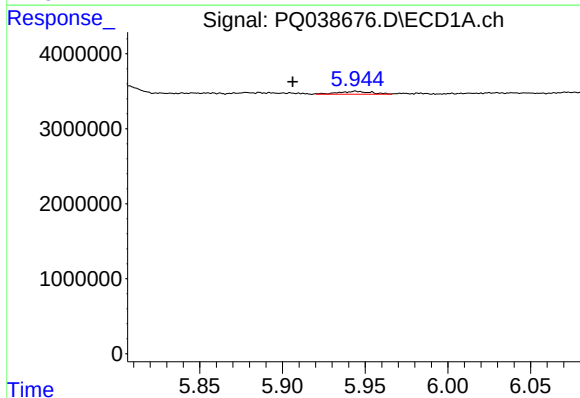
R.T.: 5.944 min
Delta R.T.: 0.061 min
Response: 546540
Conc: 3.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



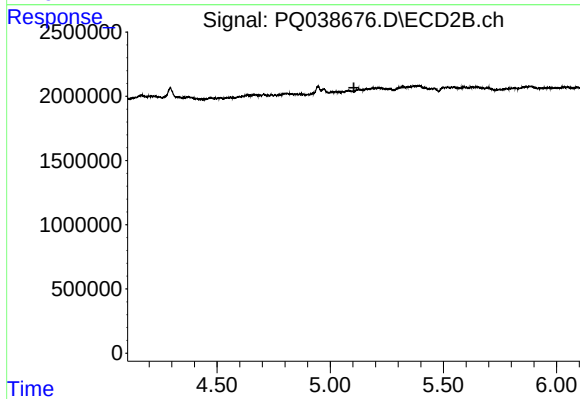
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



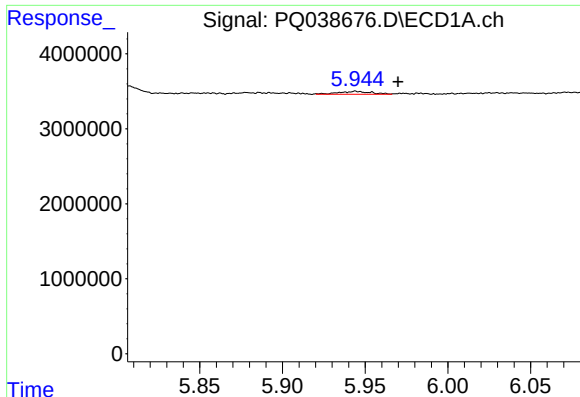
#17 AR-1242-2

R.T.: 5.944 min
Delta R.T.: 0.038 min
Response: 546540
Conc: 2.32 ng/ml



#17 AR-1242-2

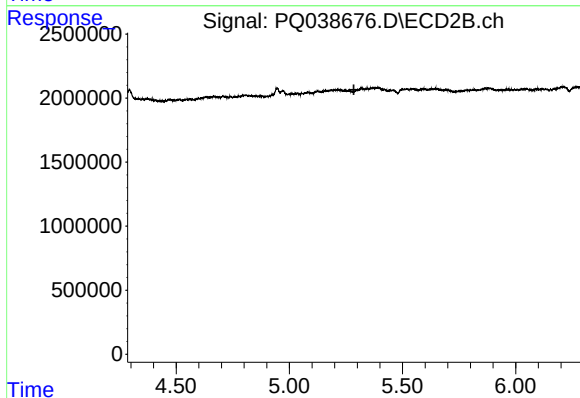
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#18 AR-1242-3

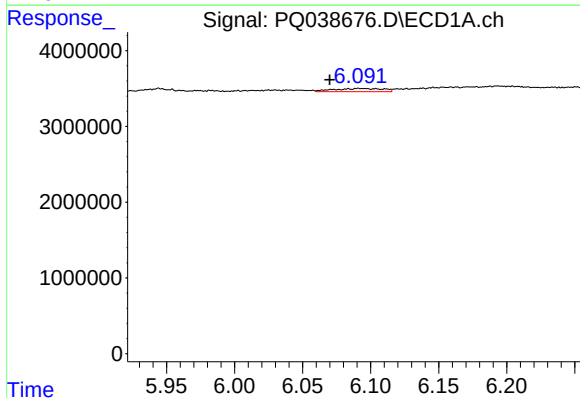
R.T.: 5.944 min
Delta R.T.: -0.026 min
Response: 546540
Conc: 3.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



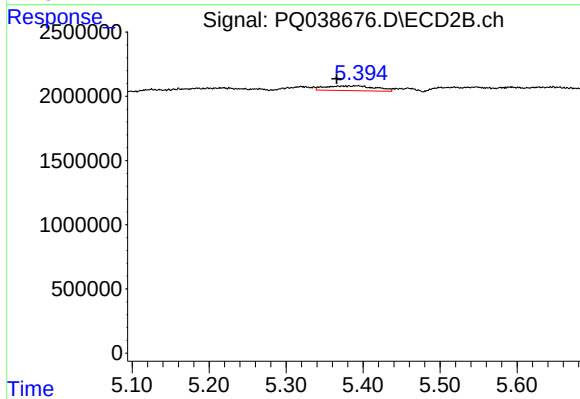
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.285 min
Response: 0
Conc: N.D.



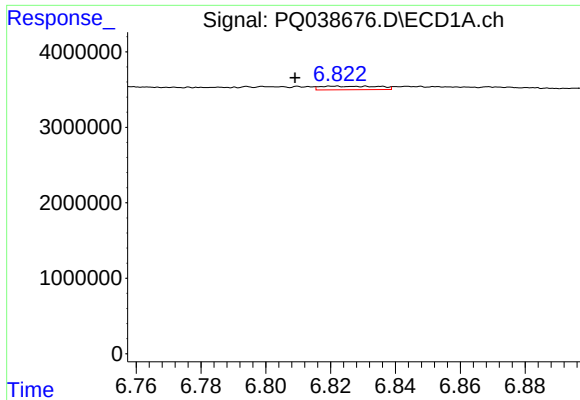
#19 AR-1242-4

R.T.: 6.091 min
Delta R.T.: 0.021 min
Response: 1067751
Conc: 8.93 ng/ml



#19 AR-1242-4

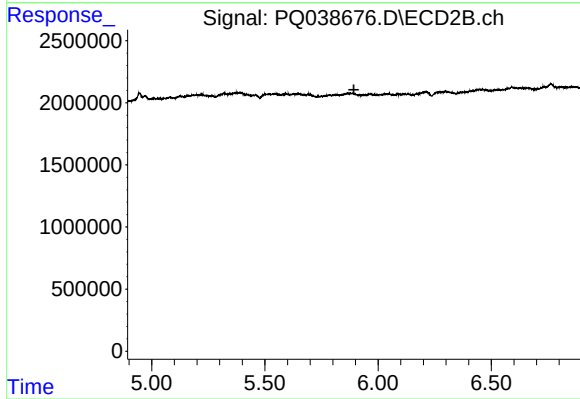
R.T.: 5.394 min
Delta R.T.: 0.028 min
Response: 1678714
Conc: 24.50 ng/ml



#20 AR-1242-5

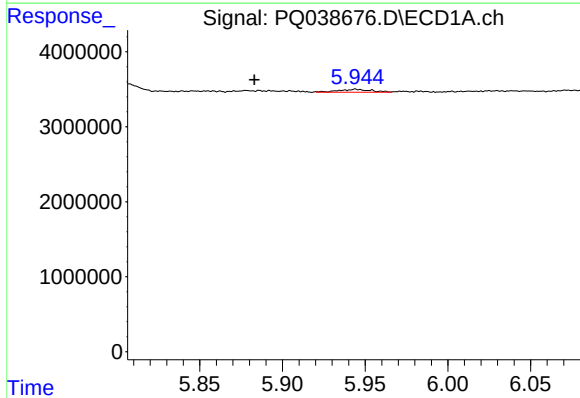
R.T.: 6.821 min
Delta R.T.: 0.012 min
Response: 587303
Conc: 5.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



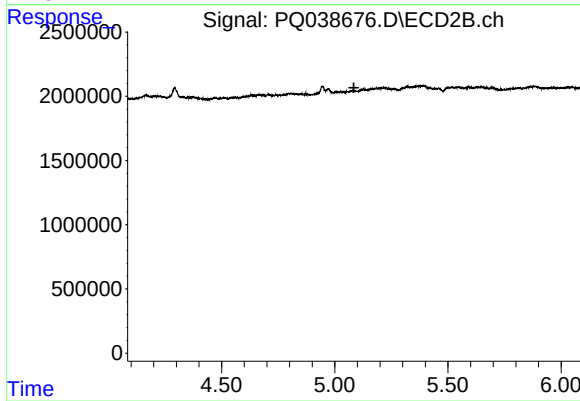
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.893 min
Response: 0
Conc: N.D.



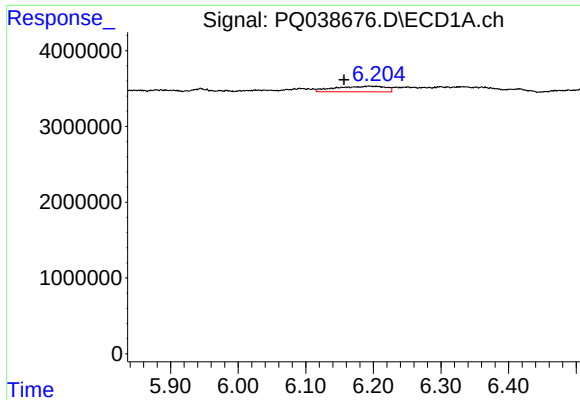
#21 AR-1248-1

R.T.: 5.944 min
Delta R.T.: 0.061 min
Response: 546540
Conc: 4.67 ng/ml



#21 AR-1248-1

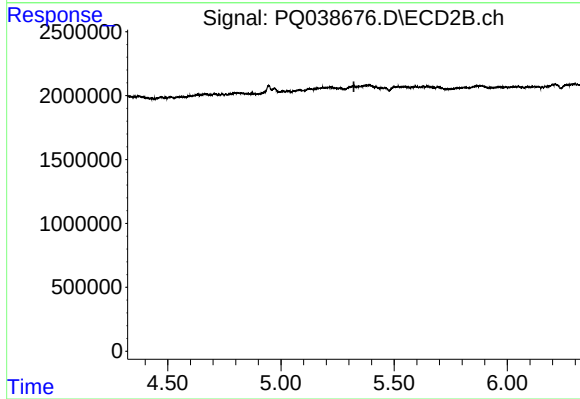
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#22 AR-1248-2

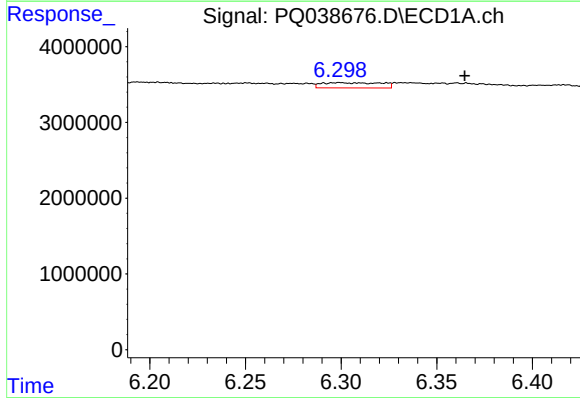
R.T.: 6.194 min
Delta R.T.: 0.037 min
Response: 3857449
Conc: 24.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



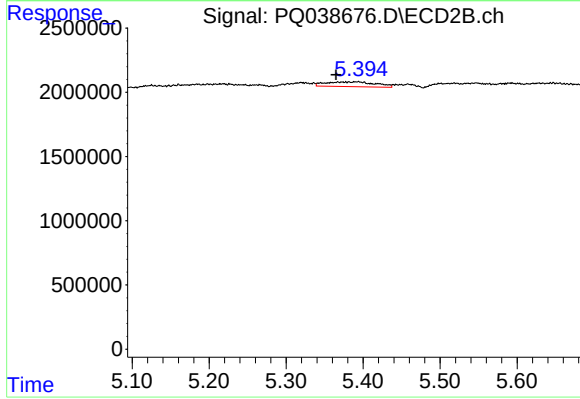
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.322 min
Response: 0
Conc: N.D.



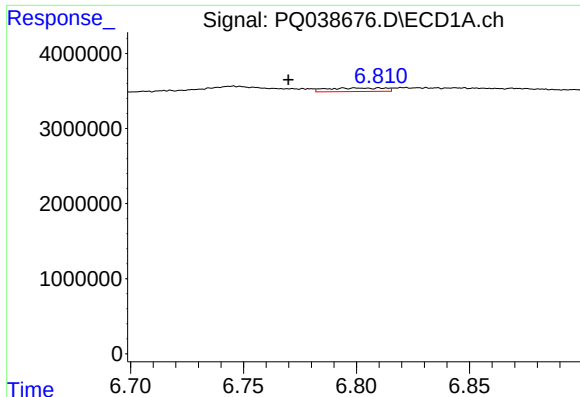
#23 AR-1248-3

R.T.: 6.299 min
Delta R.T.: -0.065 min
Response: 1493739
Conc: 8.70 ng/ml



#23 AR-1248-3

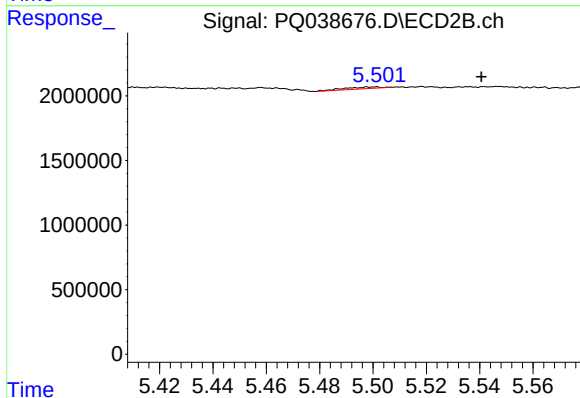
R.T.: 5.394 min
Delta R.T.: 0.029 min
Response: 1678714
Conc: 17.82 ng/ml



#24 AR-1248-4

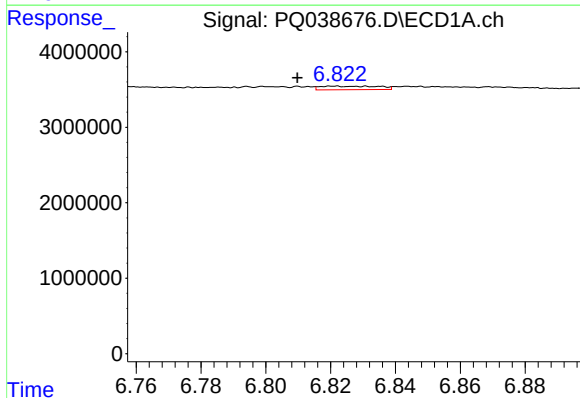
R.T.: 6.794 min
Delta R.T.: 0.025 min
Response: 849346
Conc: 4.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



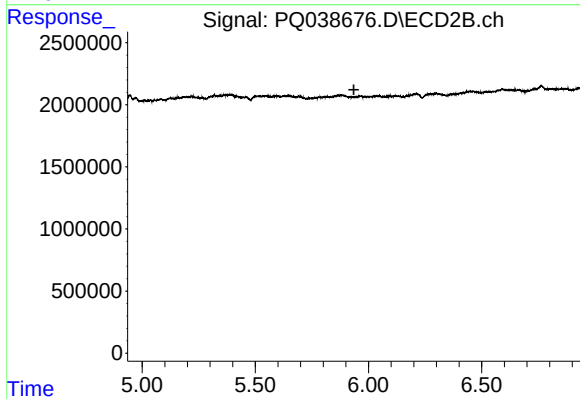
#24 AR-1248-4

R.T.: 5.501 min
Delta R.T.: -0.040 min
Response: 124925
Conc: 1.09 ng/ml



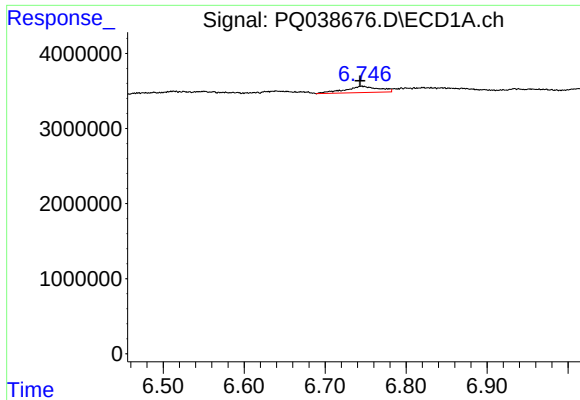
#25 AR-1248-5

R.T.: 6.821 min
Delta R.T.: 0.011 min
Response: 587303
Conc: 3.46 ng/ml



#25 AR-1248-5

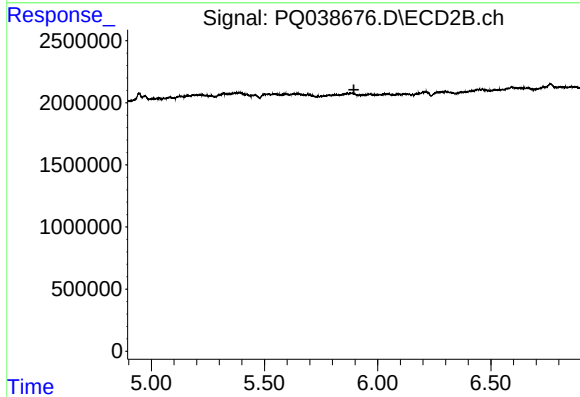
R.T.: 0.000 min
Exp R.T.: 5.936 min
Response: 0
Conc: N.D.



#26 AR-1254-1

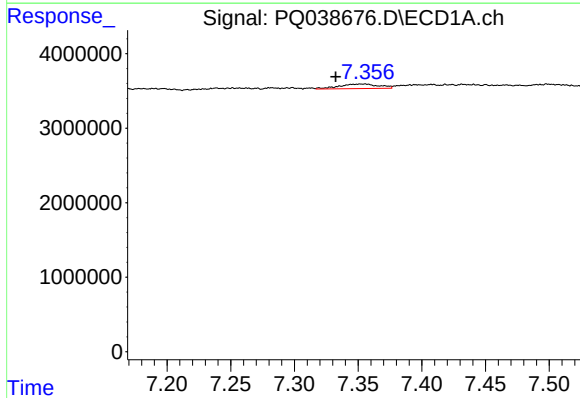
R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 2448186
Conc: 12.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



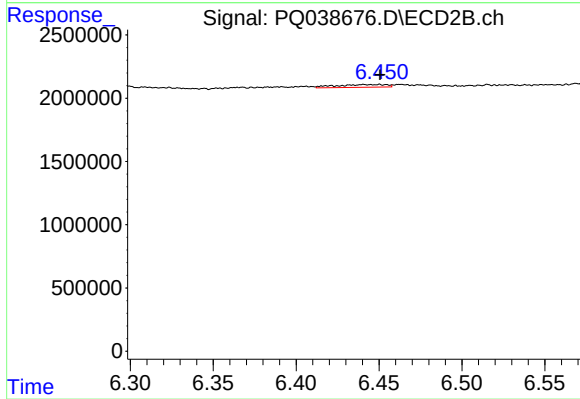
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.895 min
Response: 0
Conc: N.D.



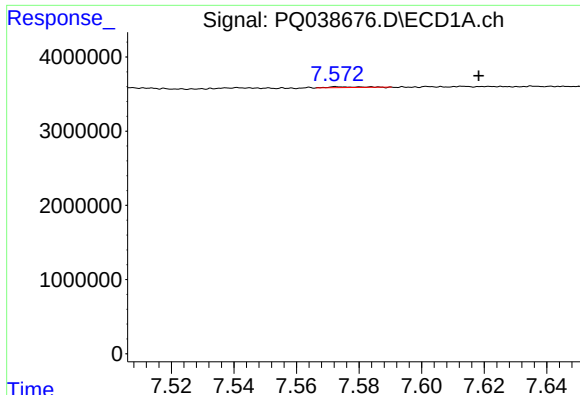
#28 AR-1254-3

R.T.: 7.354 min
Delta R.T.: 0.022 min
Response: 1293583
Conc: 4.32 ng/ml



#28 AR-1254-3

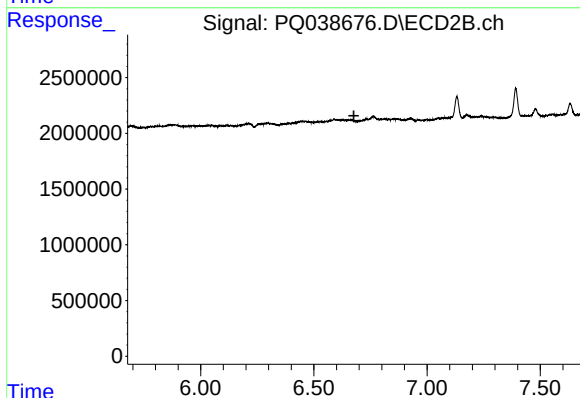
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 450977
Conc: 1.74 ng/ml



#29 AR-1254-4

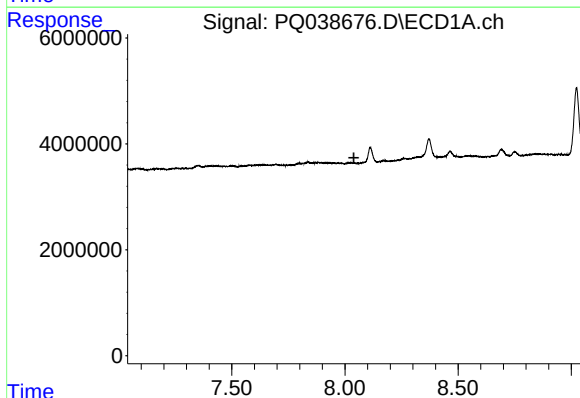
R.T.: 7.573 min
Delta R.T.: -0.045 min
Response: 110670
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



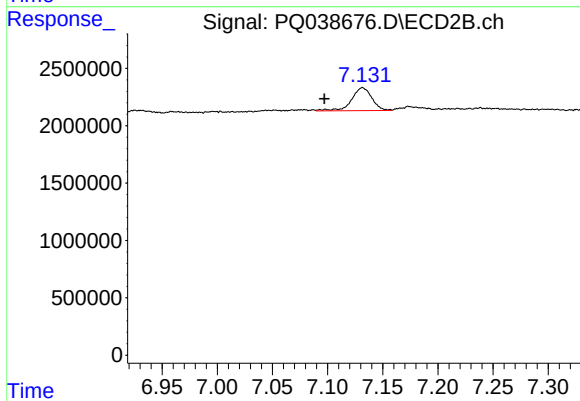
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.677 min
Response: 0
Conc: N.D.



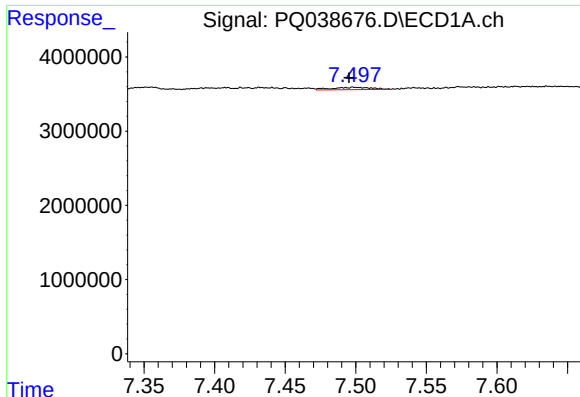
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.040 min
Response: 0
Conc: N.D.



#30 AR-1254-5

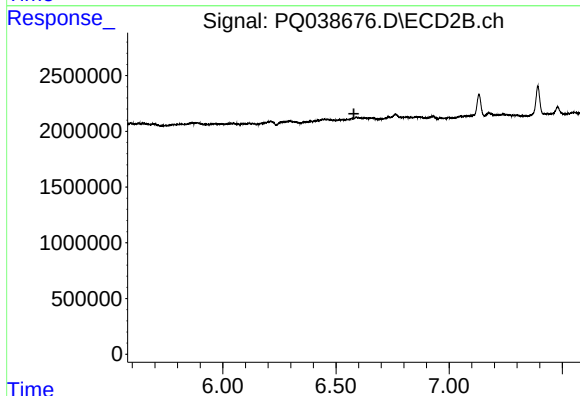
R.T.: 7.132 min
Delta R.T.: 0.035 min
Response: 2569894
Conc: 12.18 ng/ml



#31 AR-1260-1

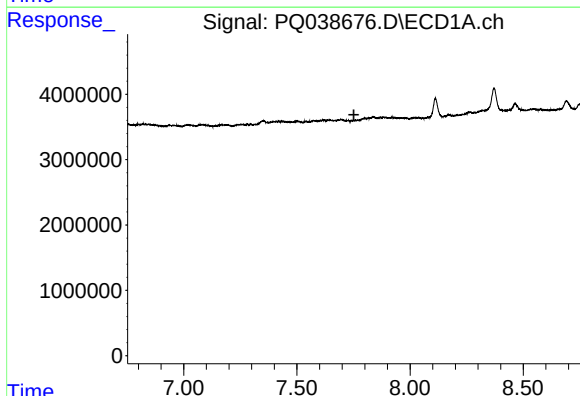
R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 626050
Conc: 2.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



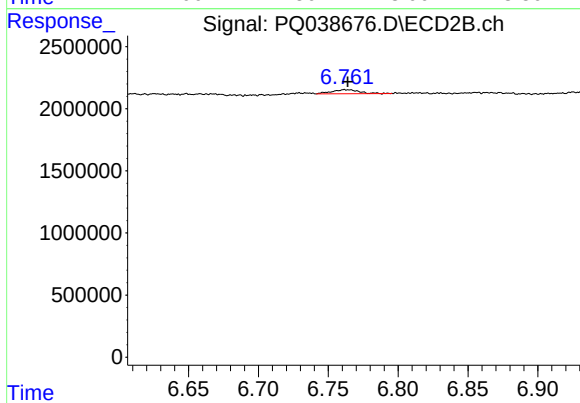
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



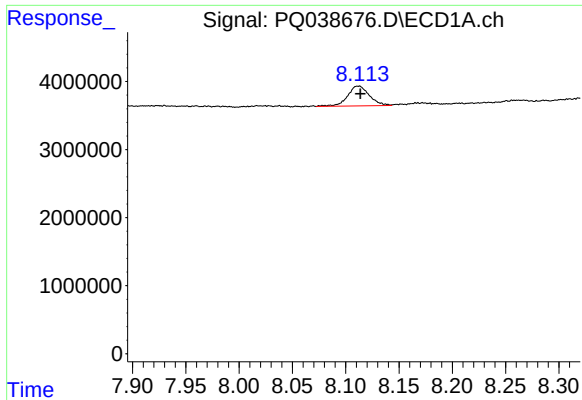
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.752 min
Response: 0
Conc: N.D.



#32 AR-1260-2

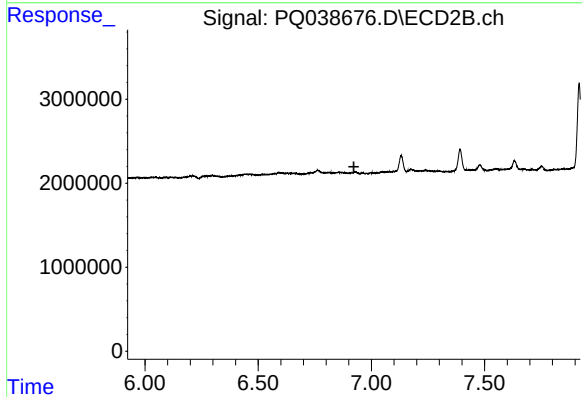
R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 446413
Conc: 2.05 ng/ml



#33 AR-1260-3

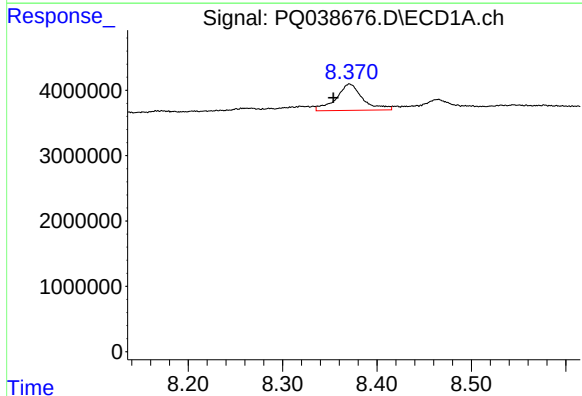
R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 4171831
Conc: 18.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



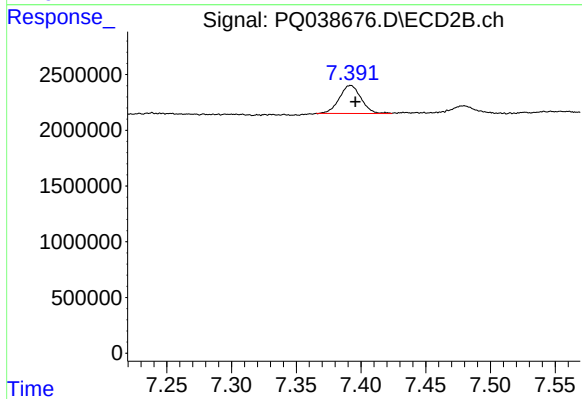
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



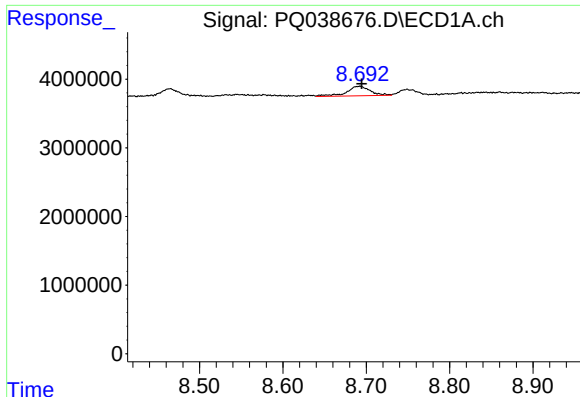
#34 AR-1260-4

R.T.: 8.371 min
Delta R.T.: 0.017 min
Response: 7904126
Conc: 29.81 ng/ml



#34 AR-1260-4

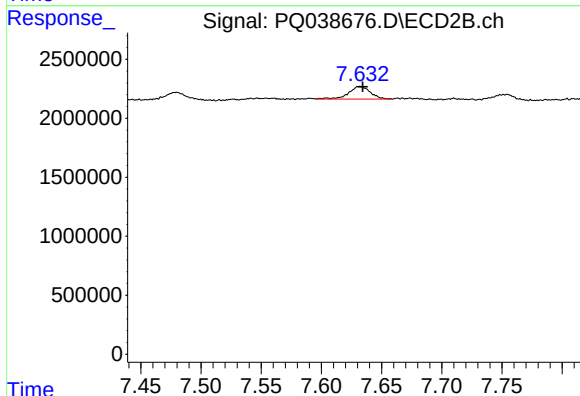
R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 2934553
Conc: 17.40 ng/ml



#35 AR-1260-5

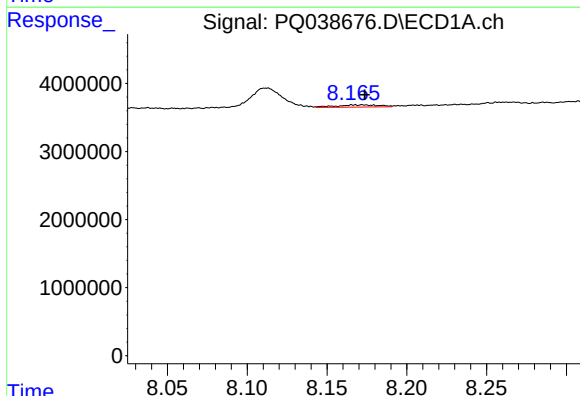
R.T.: 8.692 min
Delta R.T.: -0.003 min
Response: 2764374
Conc: 5.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



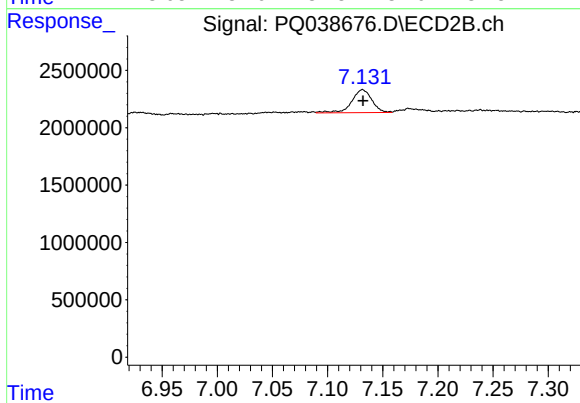
#35 AR-1260-5

R.T.: 7.632 min
Delta R.T.: -0.003 min
Response: 1317394
Conc: 3.26 ng/ml



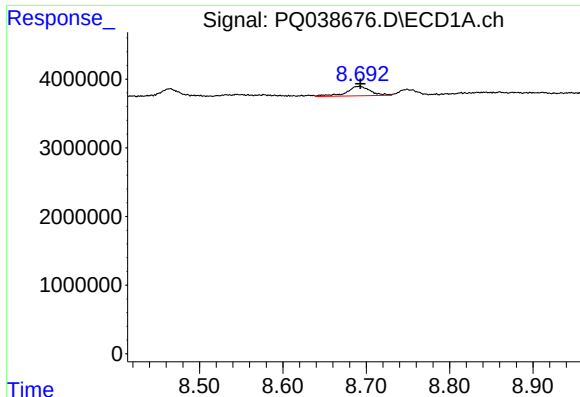
#36 AR-1262-1

R.T.: 8.172 min
Delta R.T.: -0.001 min
Response: 608642
Conc: 4.80 ng/ml



#36 AR-1262-1

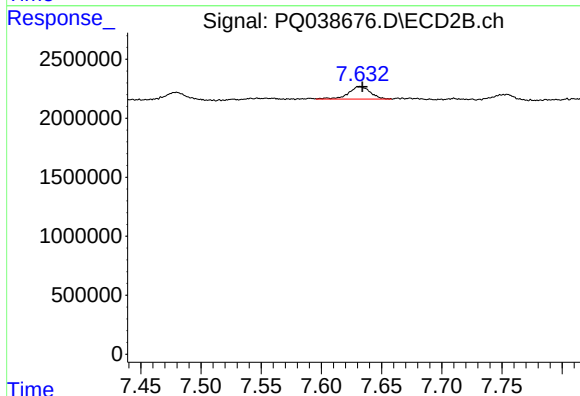
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 2569894
Conc: 10.75 ng/ml



#37 AR-1262-2

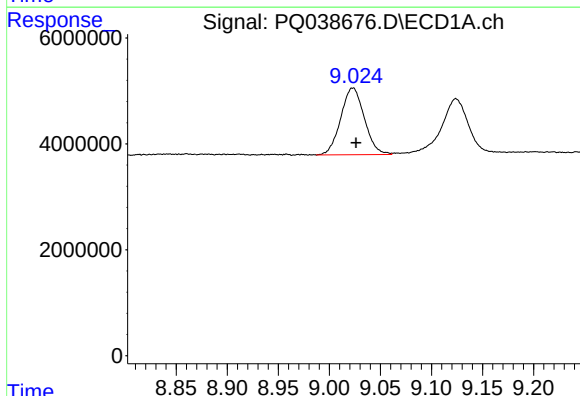
R.T.: 8.692 min
Delta R.T.: -0.001 min
Response: 2764374
Conc: 5.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



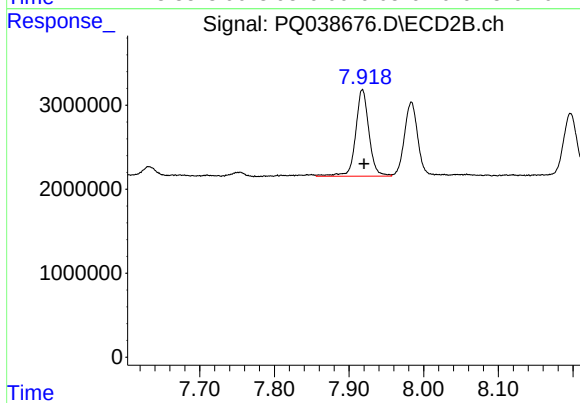
#37 AR-1262-2

R.T.: 7.632 min
Delta R.T.: -0.002 min
Response: 1317394
Conc: 3.13 ng/ml



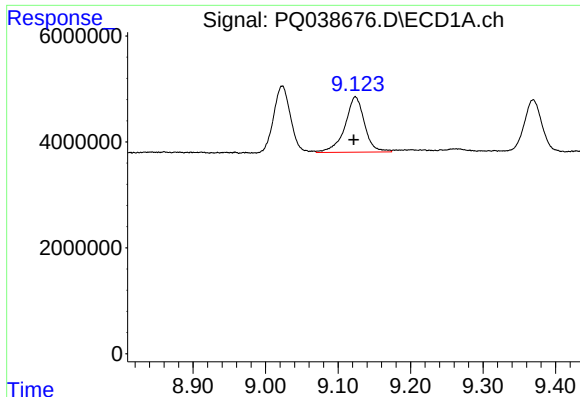
#38 AR-1262-3

R.T.: 9.023 min
Delta R.T.: -0.003 min
Response: 20279403
Conc: 57.87 ng/ml



#38 AR-1262-3

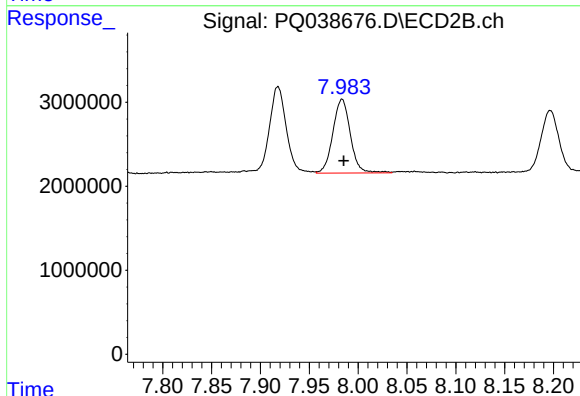
R.T.: 7.918 min
Delta R.T.: -0.002 min
Response: 12802445
Conc: 80.23 ng/ml



#39 AR-1262-4

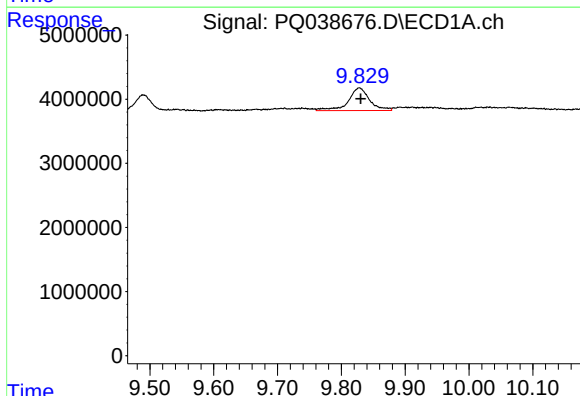
R.T.: 9.124 min
Delta R.T.: 0.002 min
Response: 19631289
Conc: 67.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



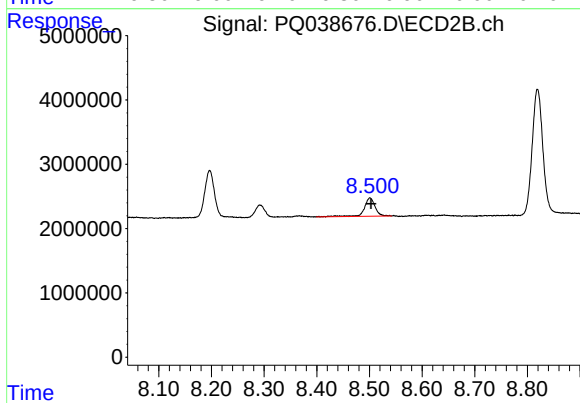
#39 AR-1262-4

R.T.: 7.984 min
Delta R.T.: -0.002 min
Response: 10964766
Conc: 36.00 ng/ml



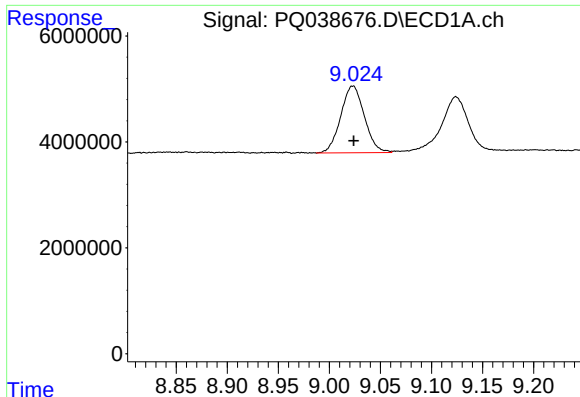
#40 AR-1262-5

R.T.: 9.828 min
Delta R.T.: -0.002 min
Response: 8128766
Conc: 44.87 ng/ml



#40 AR-1262-5

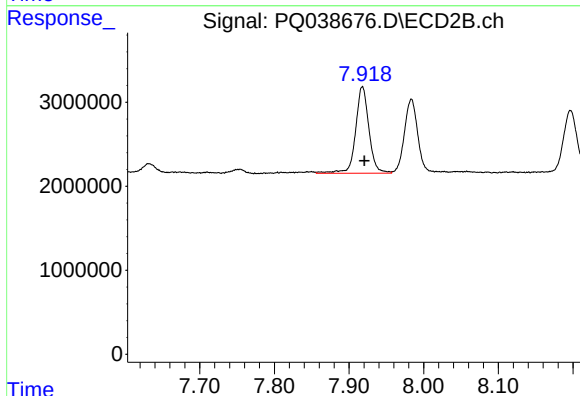
R.T.: 8.501 min
Delta R.T.: -0.002 min
Response: 4063002
Conc: 30.47 ng/ml



#41 AR-1268-1

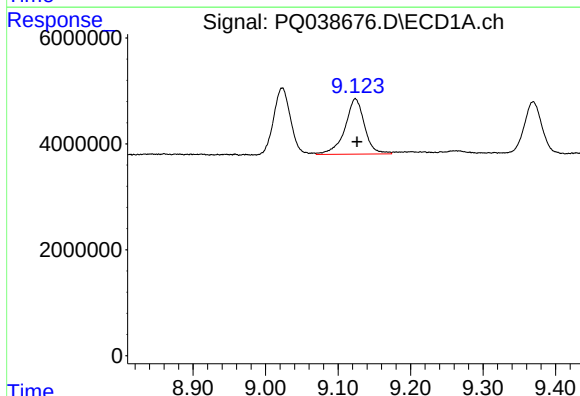
R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 20279403
Conc: 32.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



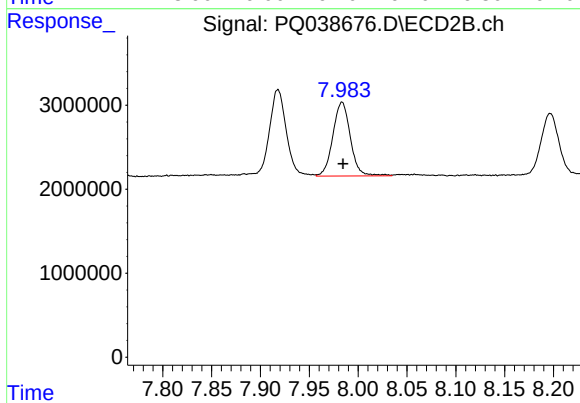
#41 AR-1268-1

R.T.: 7.918 min
Delta R.T.: -0.002 min
Response: 12802445
Conc: 27.07 ng/ml



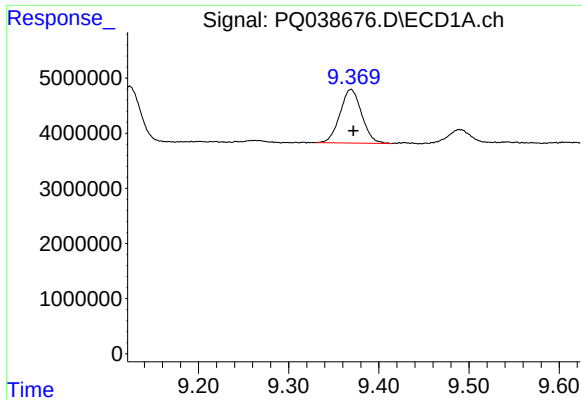
#42 AR-1268-2

R.T.: 9.124 min
Delta R.T.: -0.002 min
Response: 19631289
Conc: 32.00 ng/ml



#42 AR-1268-2

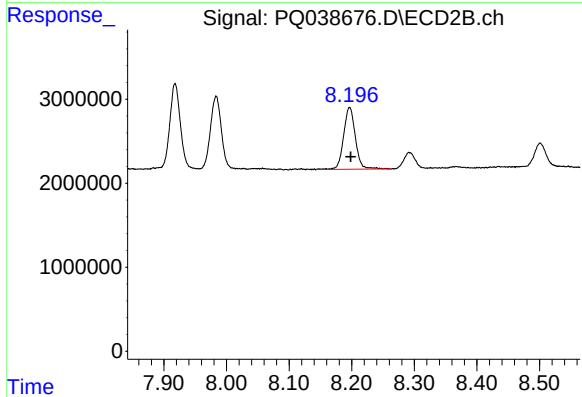
R.T.: 7.984 min
Delta R.T.: -0.001 min
Response: 10964766
Conc: 25.12 ng/ml



#43 AR-1268-3

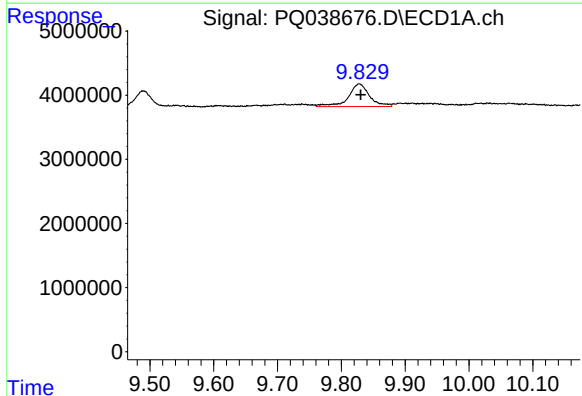
R.T.: 9.369 min
Delta R.T.: -0.003 min
Response: 16255849
Conc: 32.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



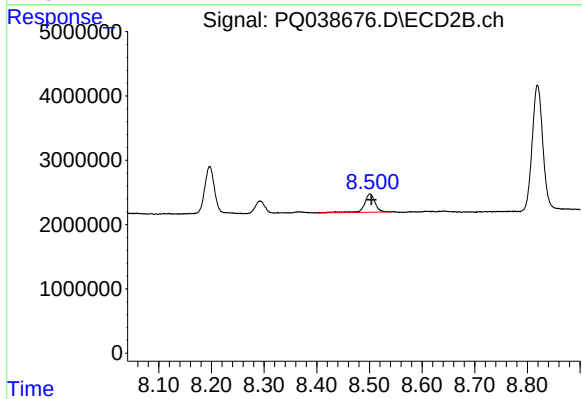
#43 AR-1268-3

R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 9656853
Conc: 27.09 ng/ml



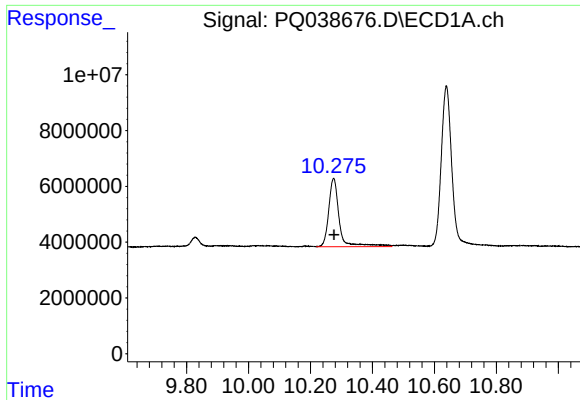
#44 AR-1268-4

R.T.: 9.828 min
Delta R.T.: -0.002 min
Response: 8128766
Conc: 37.17 ng/ml



#44 AR-1268-4

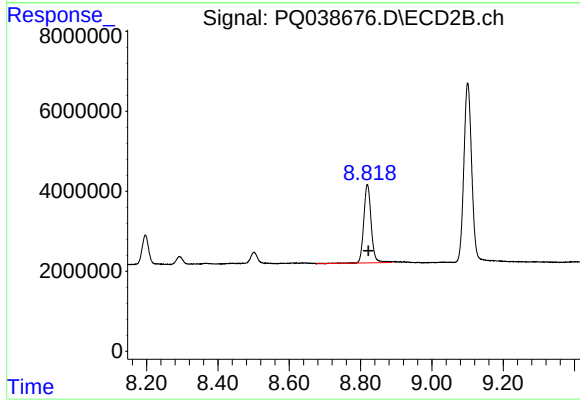
R.T.: 8.501 min
Delta R.T.: -0.002 min
Response: 4063002
Conc: 27.09 ng/ml



#45 AR-1268-5

R.T.: 10.275 min
Delta R.T.: -0.002 min
Response: 57916953
Conc: 33.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.819 min
Delta R.T.: -0.002 min
Response: 28412939
Conc: 24.59 ng/ml