

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 20:20
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : AR1268 LOQ 100 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:37:36 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	3.986	171.9E6	90145589	23.240	21.998
2)	SA Decachlor...	10.644	9.103	176.9E6	89735260	33.986	28.788
Target Compounds							
3)	L1 AR-1016-1	5.883	0.000	2766145	0	12.089	N.D. #
4)	L1 AR-1016-2	5.883	0.000	2766145	0	8.225	N.D. #
5)	L1 AR-1016-3	5.941	5.324	3358781	121888	16.738	1.321 #
6)	L1 AR-1016-4	6.077	5.324	3372888	121888	20.496	1.522 #
8)	L2 AR-1221-1	4.904	0.000	1294230	0	18.358	N.D. #
9)	L2 AR-1221-2	5.015	4.293	3517592	1035748	70.156	35.216 #
10)	L2 AR-1221-3	5.071	0.000	234808	0	1.465	N.D. #
11)	L3 AR-1232-1	5.071	0.000	234808	0	1.766	N.D. #
12)	L3 AR-1232-2	5.617	0.000	1297140	0	20.067	N.D. #
13)	L3 AR-1232-3	5.883	5.324	2766145	121888	21.529	3.582 #
14)	L3 AR-1232-4	6.077	5.398	3372888	602006	51.687	18.242 #
15)	L3 AR-1232-5	6.157	0.000	2114089	0	42.833	N.D. #
16)	L4 AR-1242-1	5.883	0.000	2766145	0	17.237	N.D. #
17)	L4 AR-1242-2	5.883	0.000	2766145	0	11.728	N.D. #
18)	L4 AR-1242-3	5.941	5.324	3358781	121888	23.095	1.831 #
19)	L4 AR-1242-4	6.077	5.398	3372888	602006	28.219	8.785 #
20)	L4 AR-1242-5	6.812	0.000	2301430	0	20.572	N.D. #
21)	L5 AR-1248-1	5.883	0.000	2766145	0	23.613	N.D. #
22)	L5 AR-1248-2	6.157	5.324	2114089	121888	13.227	1.327 #
23)	L5 AR-1248-3	0.000	5.398	0	602006	N.D.	6.391 #
24)	L5 AR-1248-4	6.770	0.000	1627185	0	9.174	N.D. #
25)	L5 AR-1248-5	6.812	0.000	2301430	0	13.568	N.D. #
26)	L6 AR-1254-1	6.743	0.000	4463171	0	22.744	N.D. #
27)	L6 AR-1254-2	6.936	0.000	385260	0	1.328	N.D. #
28)	L6 AR-1254-3	7.350	0.000	2429756	0	8.121	N.D. #
30)	L6 AR-1254-5	8.023	7.132	2424176	9798299	9.178	46.444 #
31)	L7 AR-1260-1	7.499	0.000	342770	0	1.349	N.D. #
32)	L7 AR-1260-2	0.000	6.765	0	551658	N.D.	2.536 #
33)	L7 AR-1260-3	8.115	6.929	14716027	553655	64.268	2.716 #
34)	L7 AR-1260-4	8.374	7.393	20548534	11824813	77.507	70.094
35)	L7 AR-1260-5	8.694	7.634	7905515	4446363	15.560	11.003 #
36)	L8 AR-1262-1	8.175	7.132	1658113	9798299	13.079	40.973 #
37)	L8 AR-1262-2	8.694	7.634	7905515	4446363	15.349	10.560 #
38)	L8 AR-1262-3	9.026	7.920	80810817	51400480	230.595	322.109 #
39)	L8 AR-1262-4	9.128	7.985	80216192	47094286	277.681	154.634 #
40)	L8 AR-1262-5	9.832	8.504	28375813	15183745	156.636	113.871 #
41)	L9 AR-1268-1	9.026	7.920	80810817	51400480	128.375	108.687
42)	L9 AR-1268-2	9.128	7.985	80216192	47094286	130.738	107.884
43)	L9 AR-1268-3	9.373	8.199	69147931	39489505	137.081	110.777

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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	9.832	8.504	28375813	15183745	129.736	101.231
45) L9	AR-1268-5	10.278	8.822	221.8E6	122.8E6	129.130	106.331

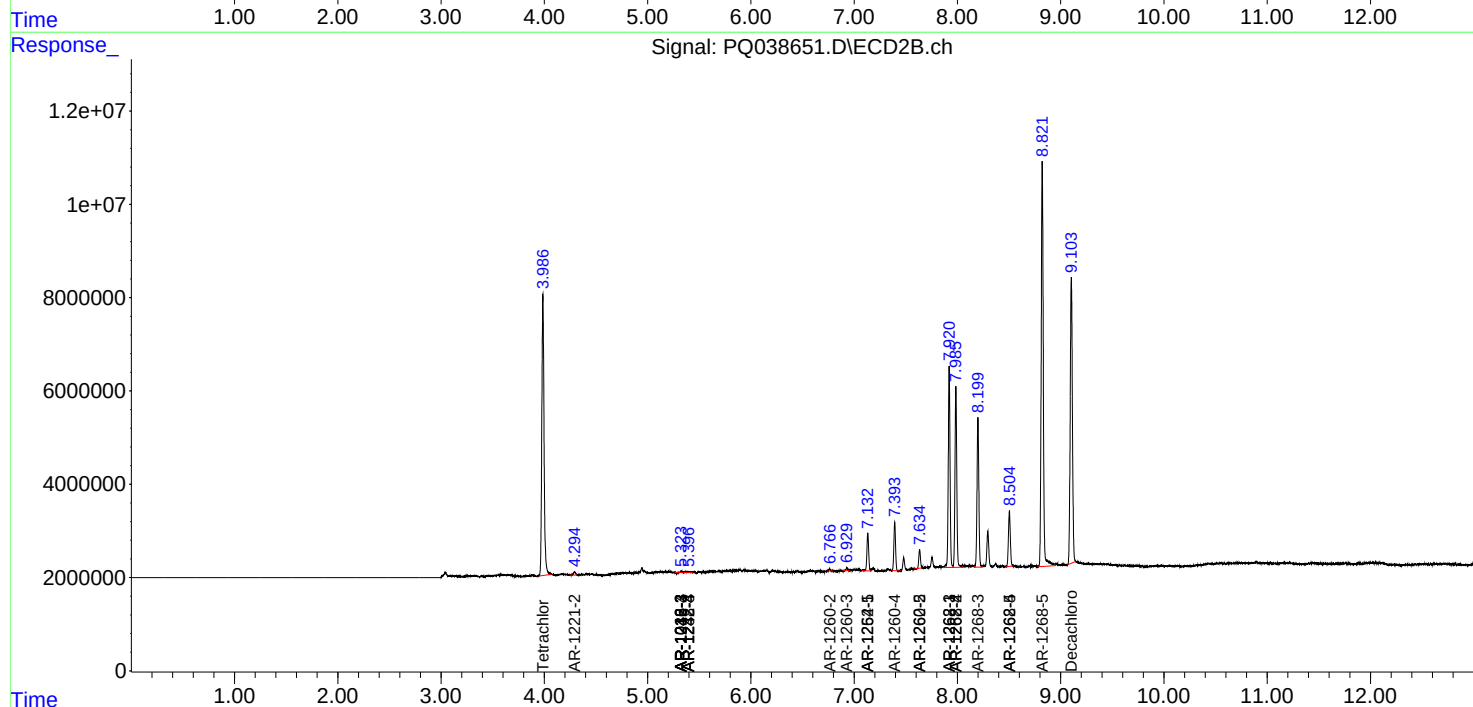
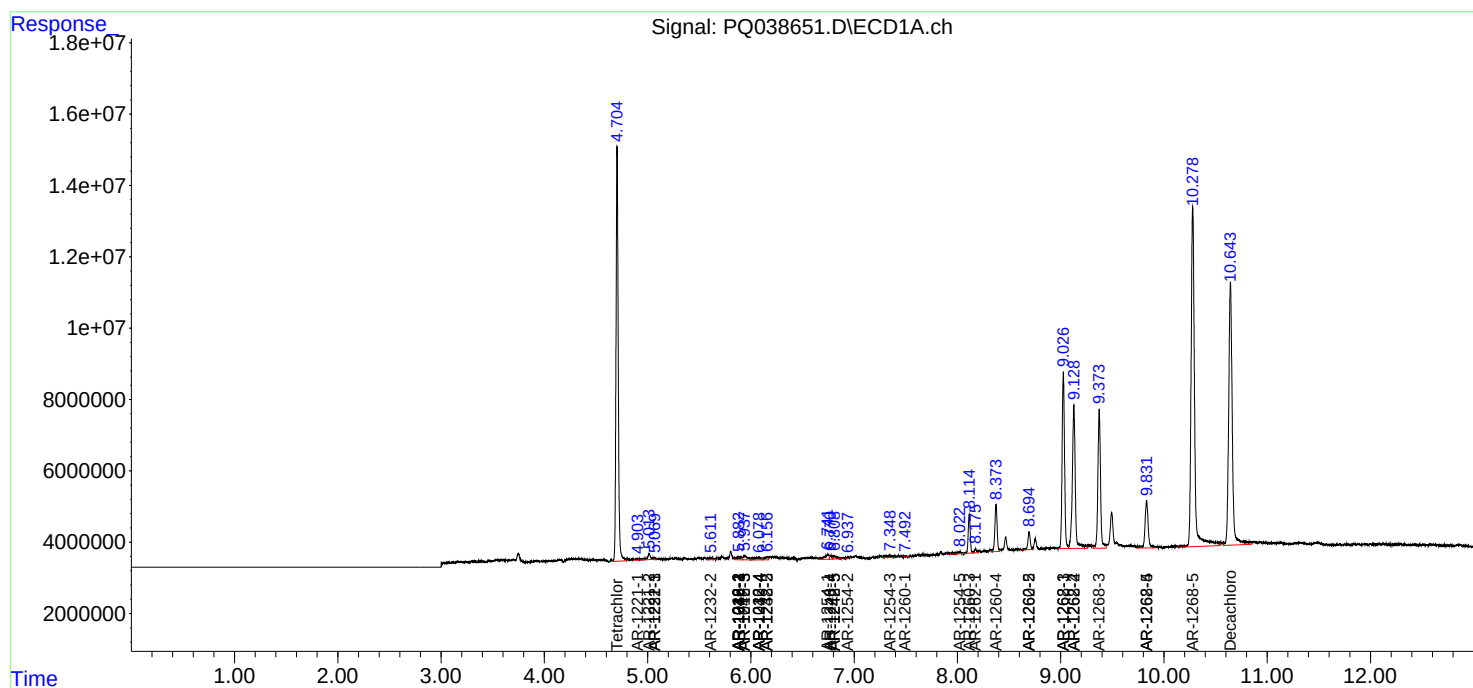
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

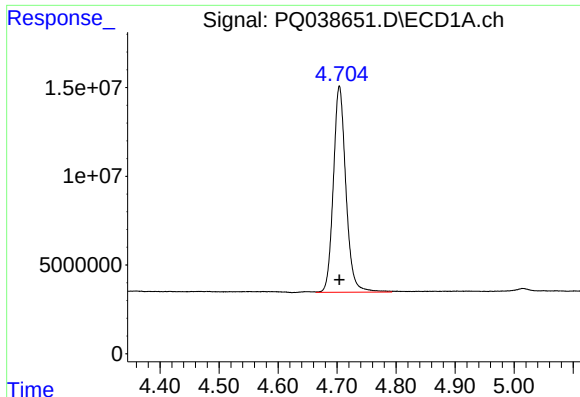
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

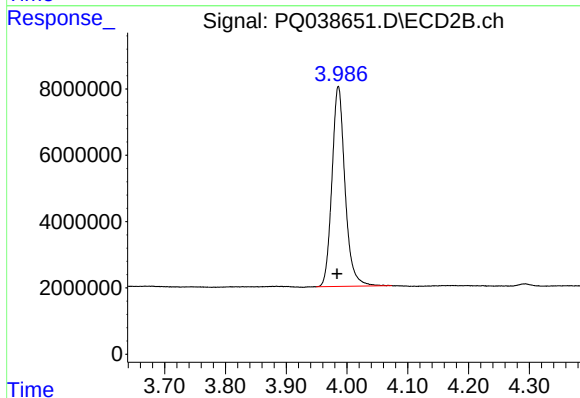




#1 Tetrachloro-m-xylene

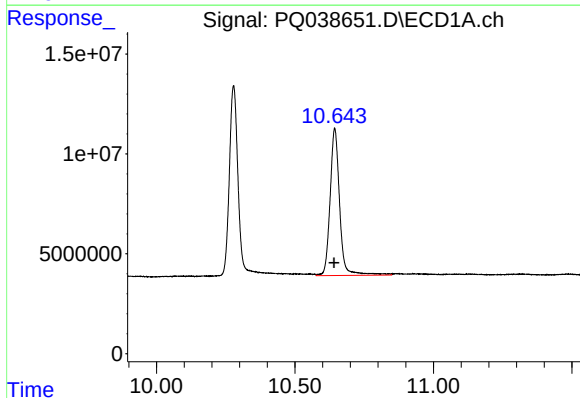
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 171905517
Conc: 23.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



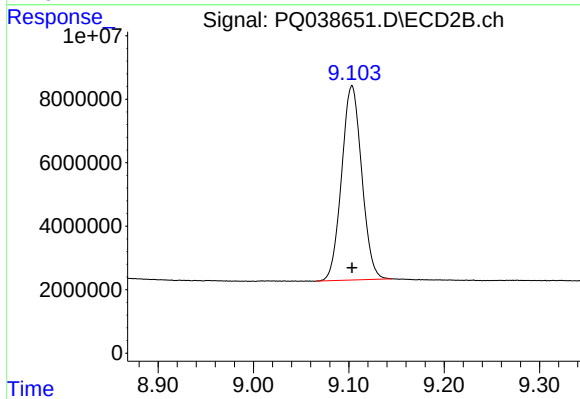
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: 0.002 min
Response: 90145589
Conc: 22.00 ng/ml



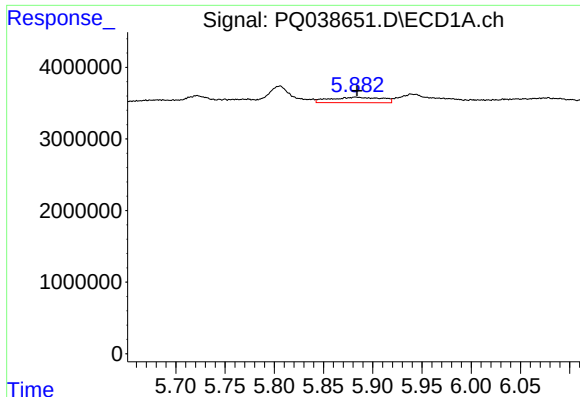
#2 Decachlorobiphenyl

R.T.: 10.644 min
Delta R.T.: 0.002 min
Response: 176927453
Conc: 33.99 ng/ml



#2 Decachlorobiphenyl

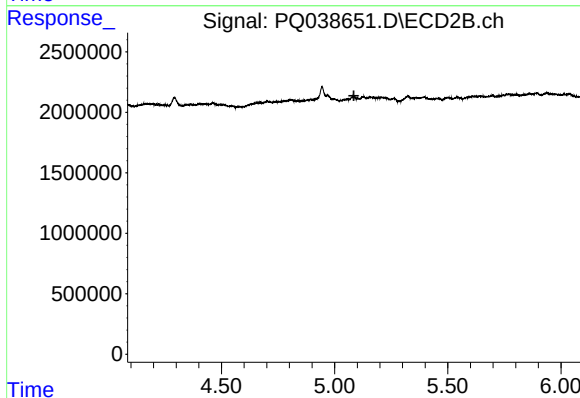
R.T.: 9.103 min
Delta R.T.: 0.000 min
Response: 89735260
Conc: 28.79 ng/ml



#3 AR-1016-1

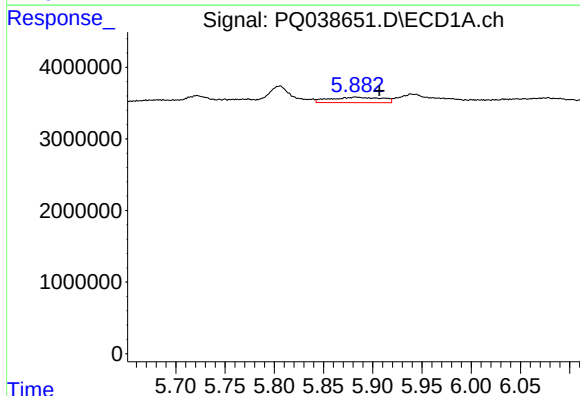
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 2766145
Conc: 12.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



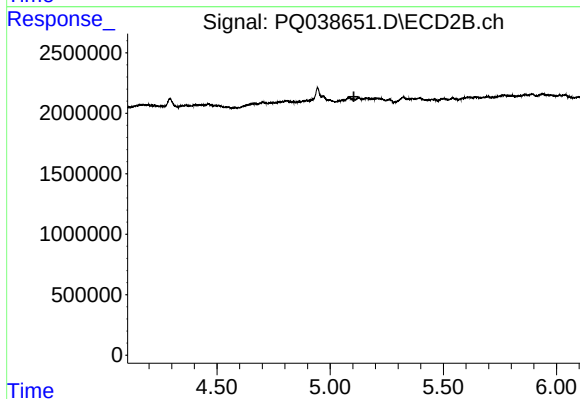
#3 AR-1016-1

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



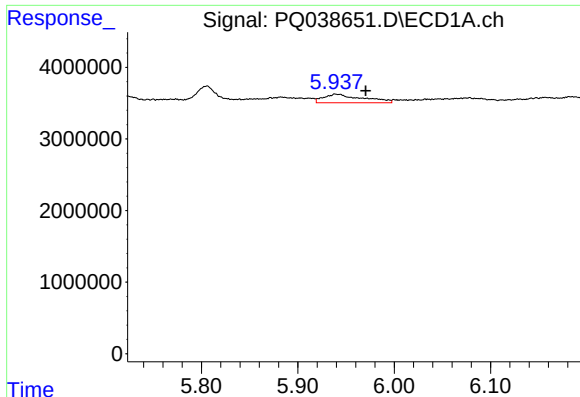
#4 AR-1016-2

R.T.: 5.883 min
Delta R.T.: -0.023 min
Response: 2766145
Conc: 8.23 ng/ml



#4 AR-1016-2

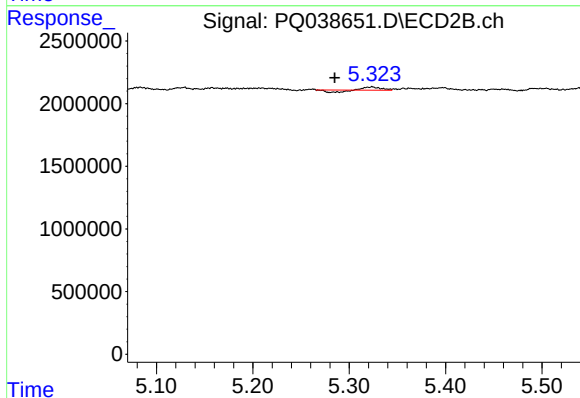
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#5 AR-1016-3

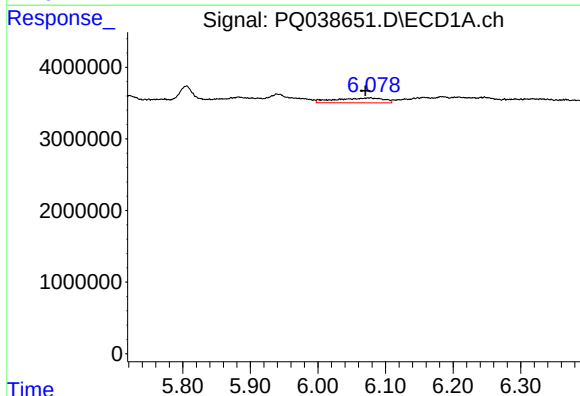
R.T.: 5.941 min
Delta R.T.: -0.030 min
Response: 3358781
Conc: 16.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



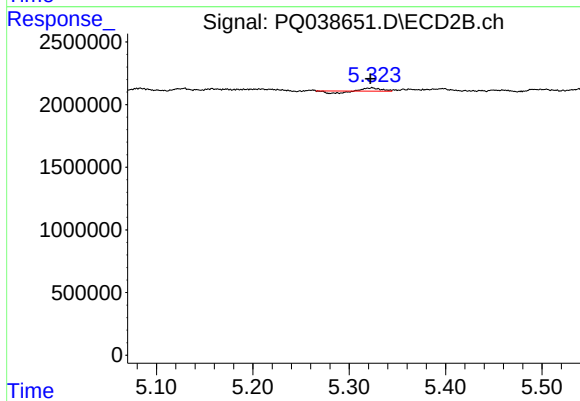
#5 AR-1016-3

R.T.: 5.324 min
Delta R.T.: 0.039 min
Response: 121888
Conc: 1.32 ng/ml



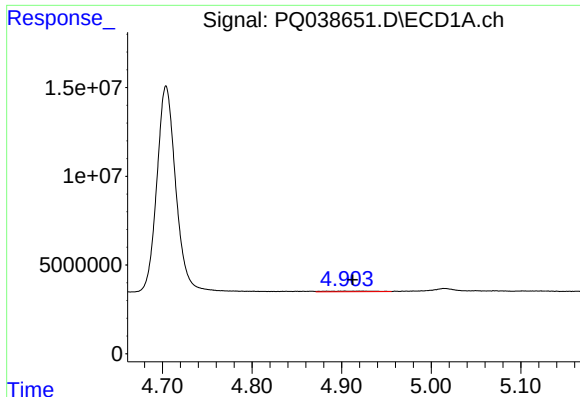
#6 AR-1016-4

R.T.: 6.077 min
Delta R.T.: 0.006 min
Response: 3372888
Conc: 20.50 ng/ml



#6 AR-1016-4

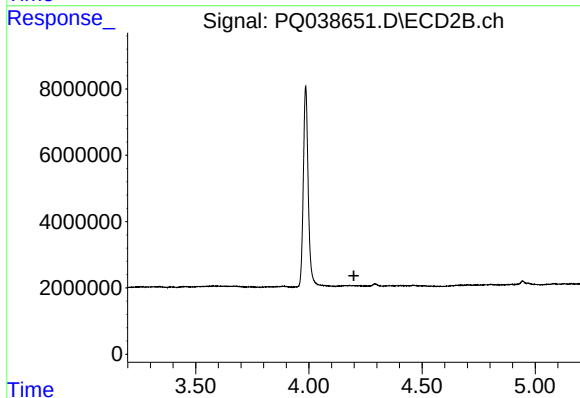
R.T.: 5.324 min
Delta R.T.: 0.002 min
Response: 121888
Conc: 1.52 ng/ml



#8 AR-1221-1

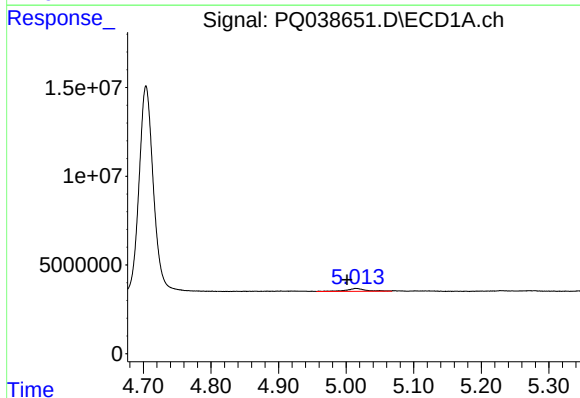
R.T.: 4.904 min
Delta R.T.: -0.008 min
Response: 1294230
Conc: 18.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



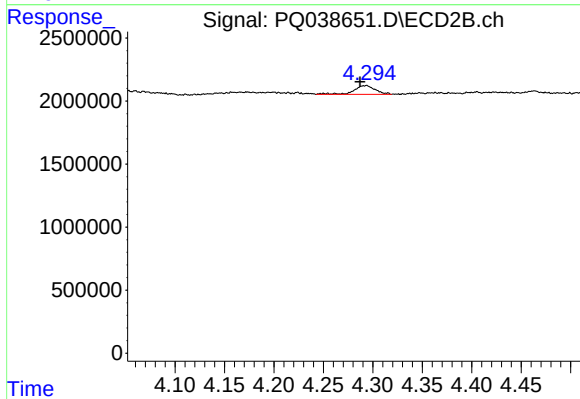
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.199 min
Response: 0
Conc: N.D.



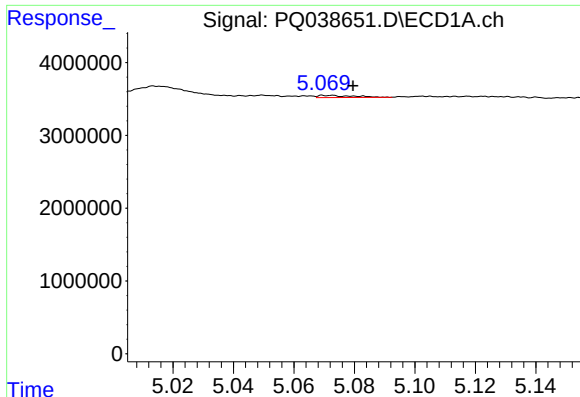
#9 AR-1221-2

R.T.: 5.015 min
Delta R.T.: 0.014 min
Response: 3517592
Conc: 70.16 ng/ml



#9 AR-1221-2

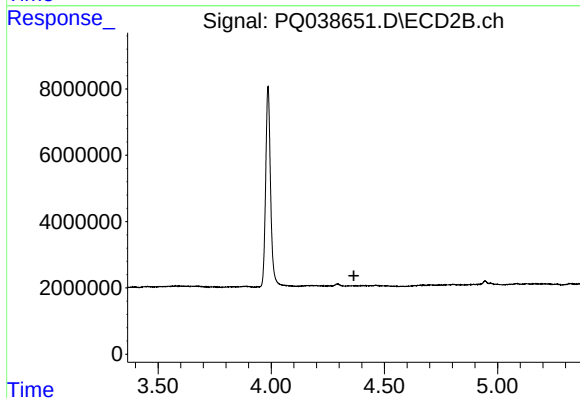
R.T.: 4.293 min
Delta R.T.: 0.006 min
Response: 1035748
Conc: 35.22 ng/ml



#10 AR-1221-3

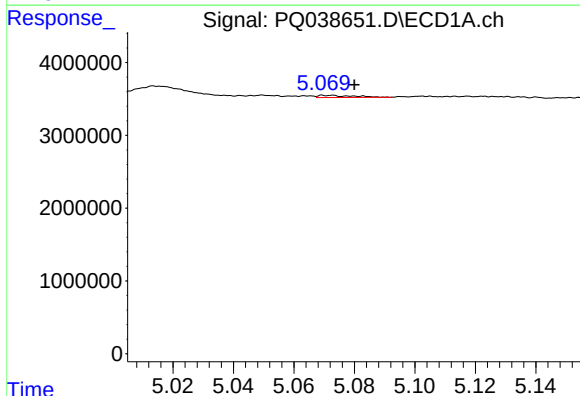
R.T.: 5.071 min
Delta R.T.: -0.008 min
Response: 234808
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



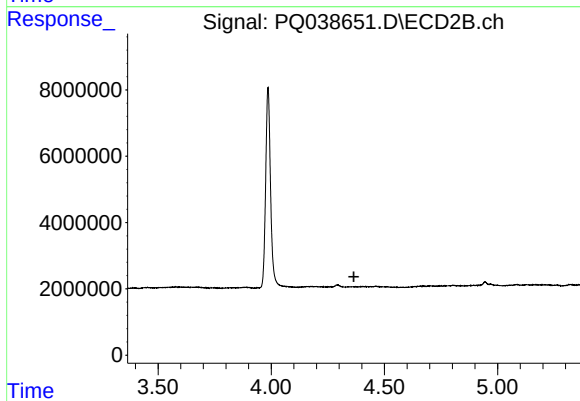
#10 AR-1221-3

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



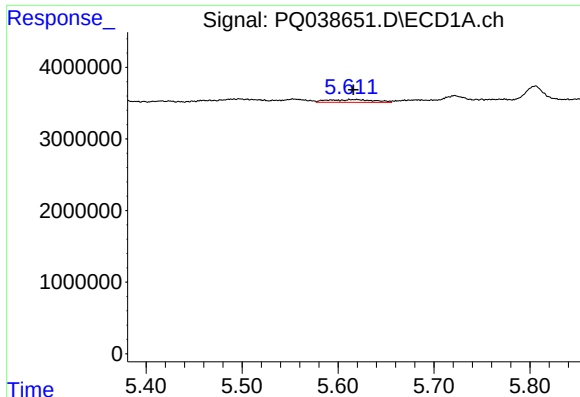
#11 AR-1232-1

R.T.: 5.071 min
Delta R.T.: -0.009 min
Response: 234808
Conc: 1.77 ng/ml



#11 AR-1232-1

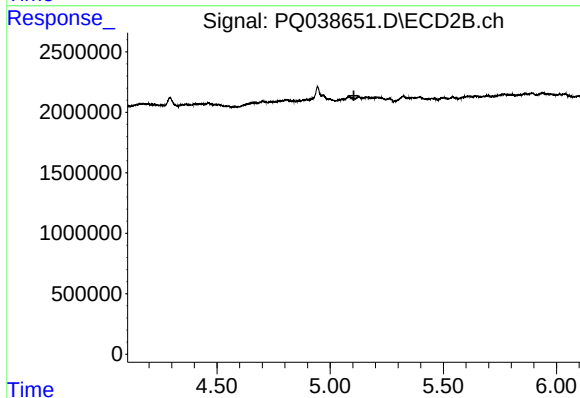
R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



#12 AR-1232-2

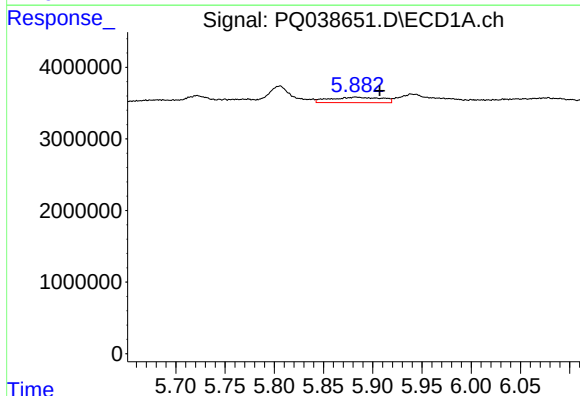
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 1297140
Conc: 20.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



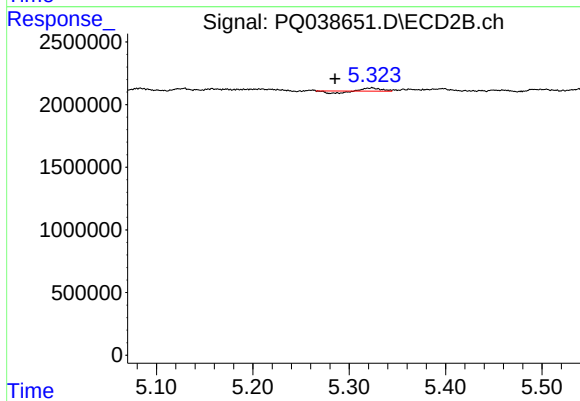
#12 AR-1232-2

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



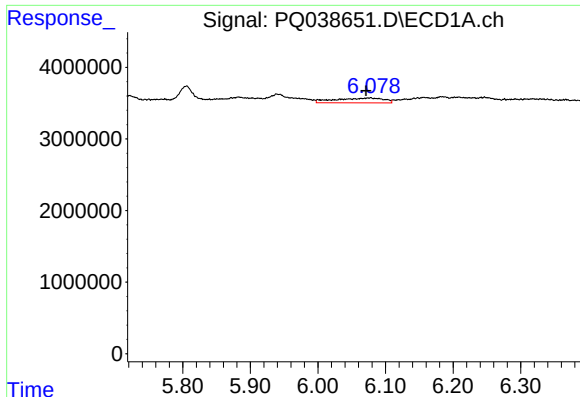
#13 AR-1232-3

R.T.: 5.883 min
Delta R.T.: -0.024 min
Response: 2766145
Conc: 21.53 ng/ml



#13 AR-1232-3

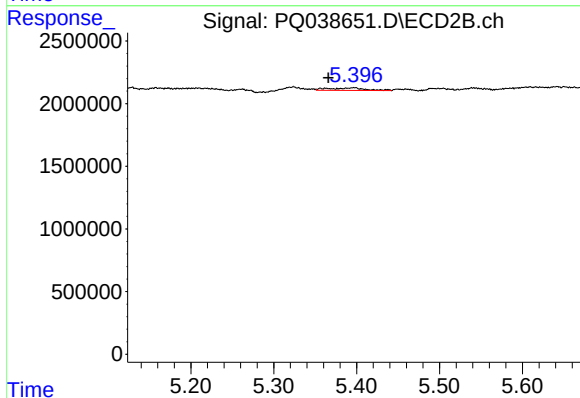
R.T.: 5.324 min
Delta R.T.: 0.039 min
Response: 121888
Conc: 3.58 ng/ml



#14 AR-1232-4

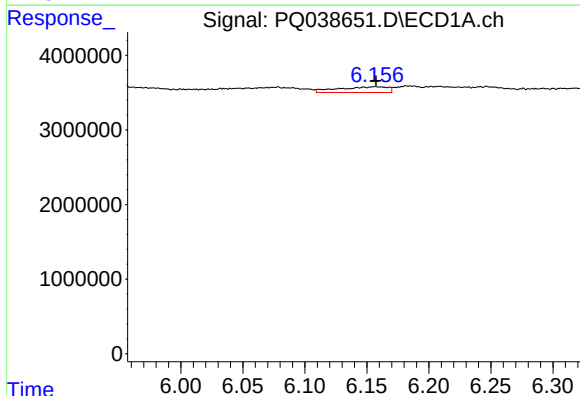
R.T.: 6.077 min
Delta R.T.: 0.005 min
Response: 3372888
Conc: 51.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



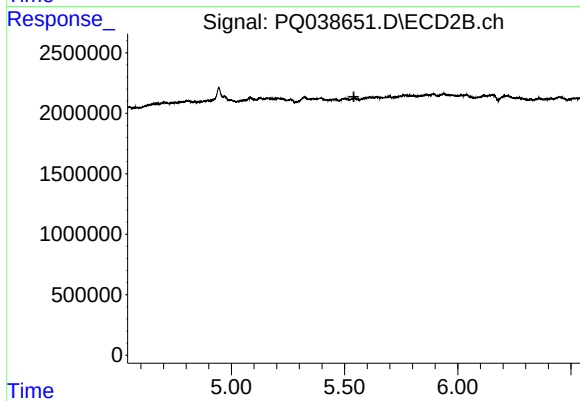
#14 AR-1232-4

R.T.: 5.398 min
Delta R.T.: 0.032 min
Response: 602006
Conc: 18.24 ng/ml



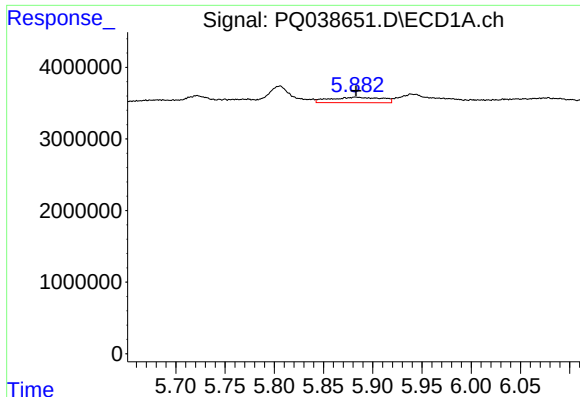
#15 AR-1232-5

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 2114089
Conc: 42.83 ng/ml



#15 AR-1232-5

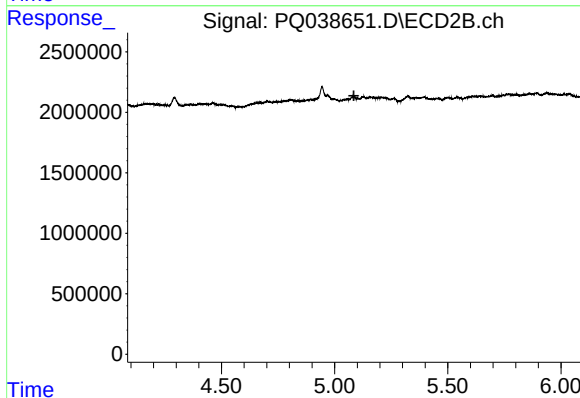
R.T.: 0.000 min
Exp R.T. : 5.541 min
Response: 0
Conc: N.D.



#16 AR-1242-1

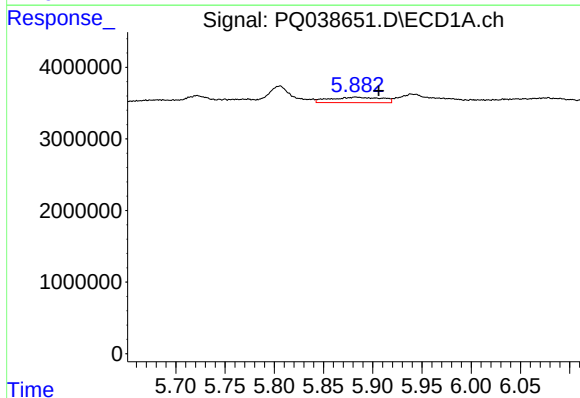
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 2766145
Conc: 17.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



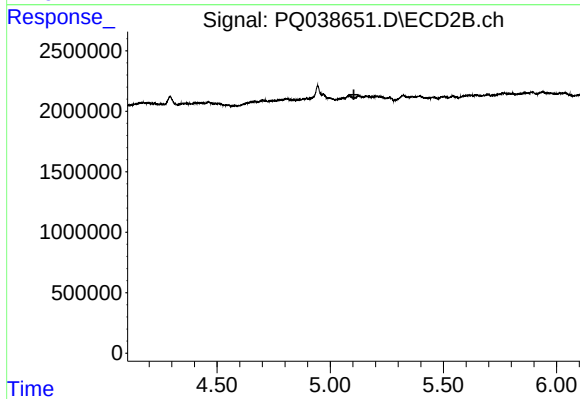
#16 AR-1242-1

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



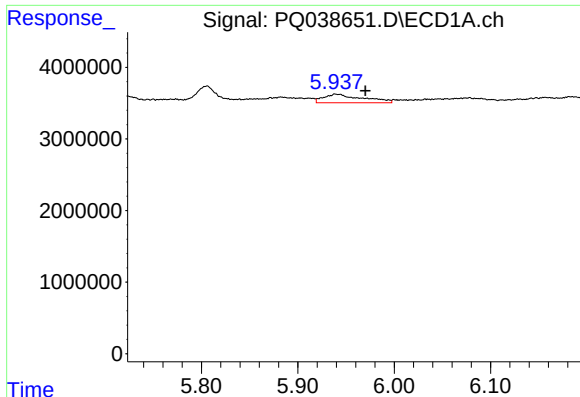
#17 AR-1242-2

R.T.: 5.883 min
Delta R.T.: -0.023 min
Response: 2766145
Conc: 11.73 ng/ml



#17 AR-1242-2

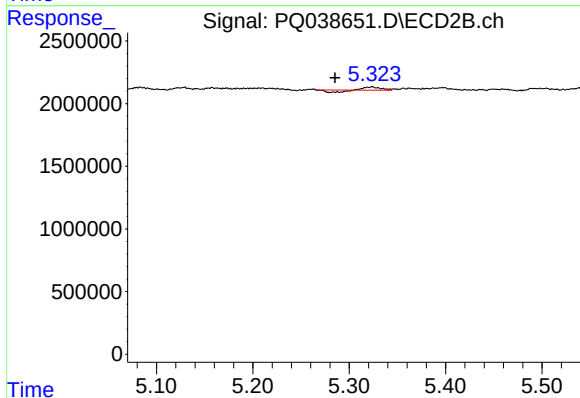
R.T.: 0.000 min
Exp R.T. : 5.105 min
Response: 0
Conc: N.D.



#18 AR-1242-3

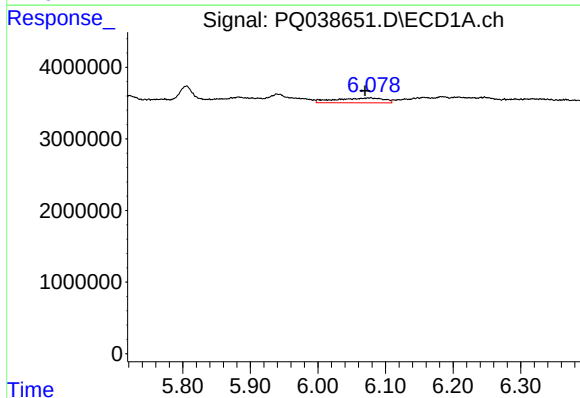
R.T.: 5.941 min
Delta R.T.: -0.029 min
Response: 3358781
Conc: 23.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



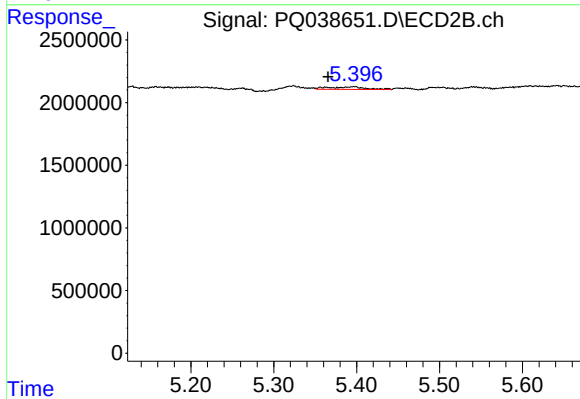
#18 AR-1242-3

R.T.: 5.324 min
Delta R.T.: 0.039 min
Response: 121888
Conc: 1.83 ng/ml



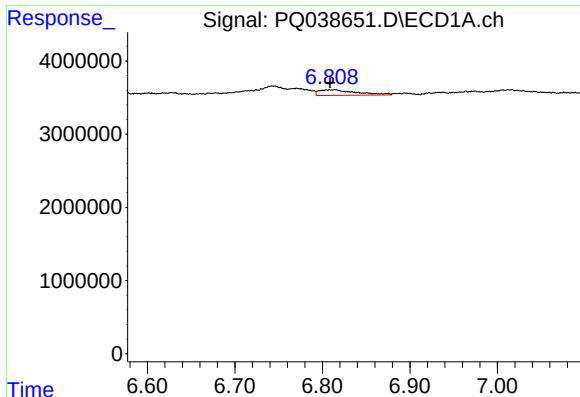
#19 AR-1242-4

R.T.: 6.077 min
Delta R.T.: 0.007 min
Response: 3372888
Conc: 28.22 ng/ml



#19 AR-1242-4

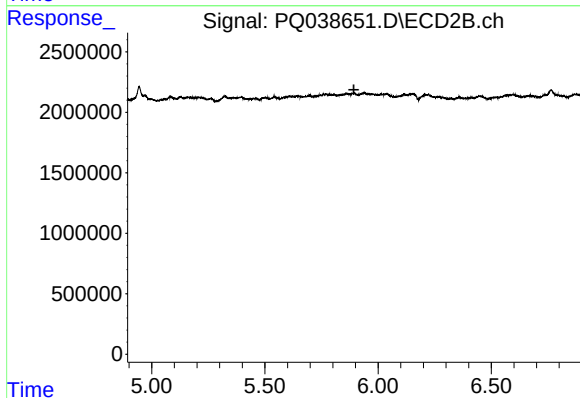
R.T.: 5.398 min
Delta R.T.: 0.032 min
Response: 602006
Conc: 8.79 ng/ml



#20 AR-1242-5

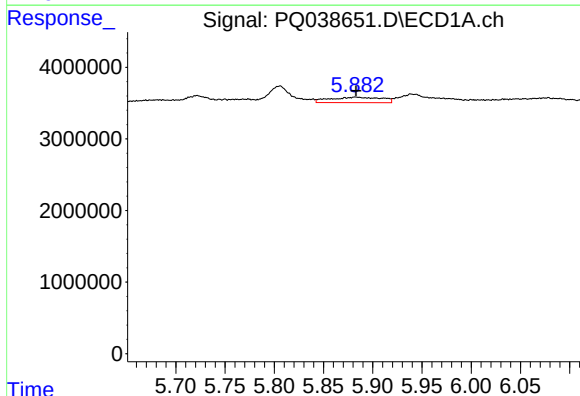
R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 2301430
Conc: 20.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



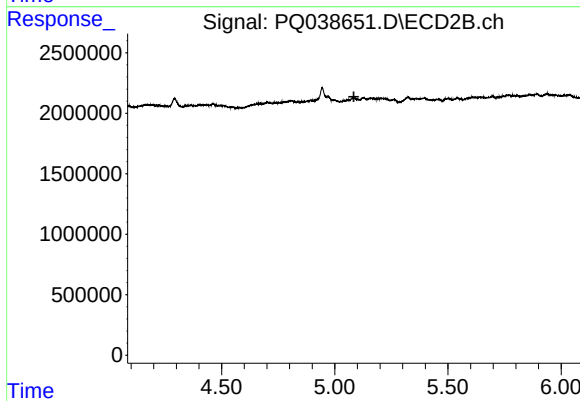
#20 AR-1242-5

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



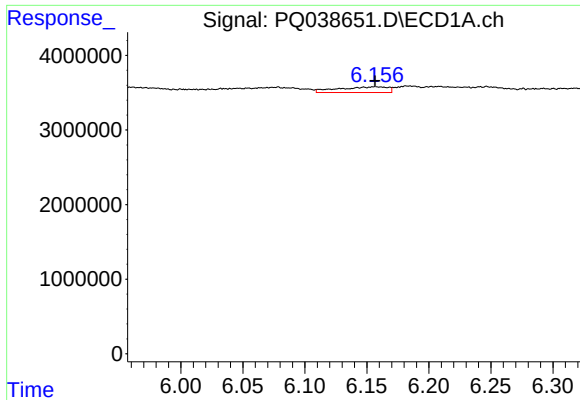
#21 AR-1248-1

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 2766145
Conc: 23.61 ng/ml



#21 AR-1248-1

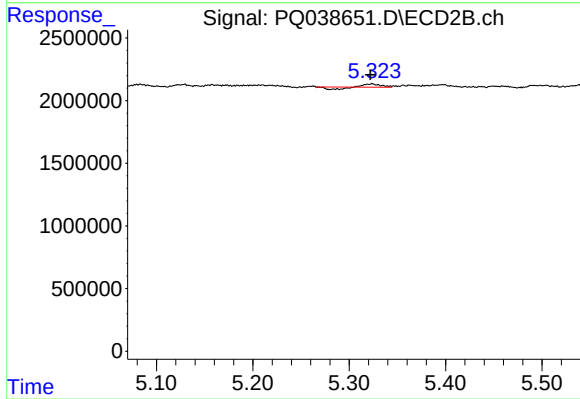
R.T.: 0.000 min
Exp R.T. : 5.085 min
Response: 0
Conc: N.D.



#22 AR-1248-2

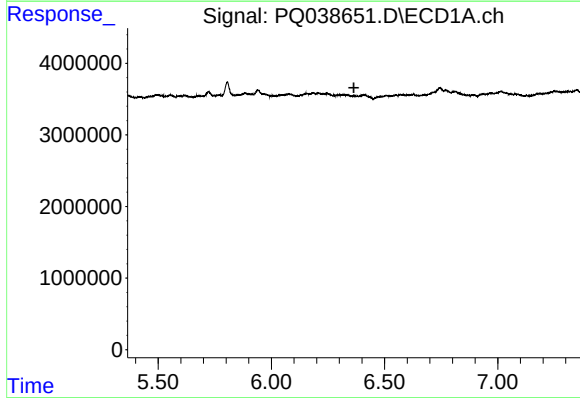
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 2114089
Conc: 13.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



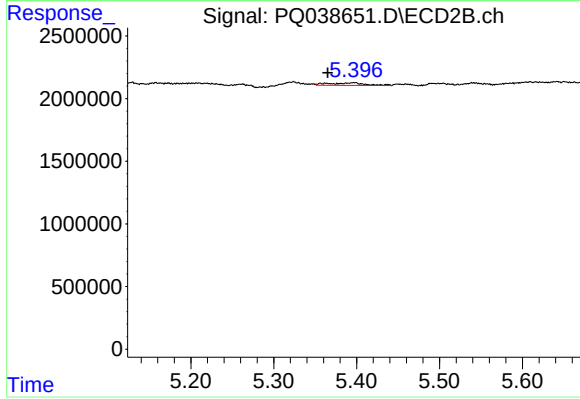
#22 AR-1248-2

R.T.: 5.324 min
Delta R.T.: 0.002 min
Response: 121888
Conc: 1.33 ng/ml



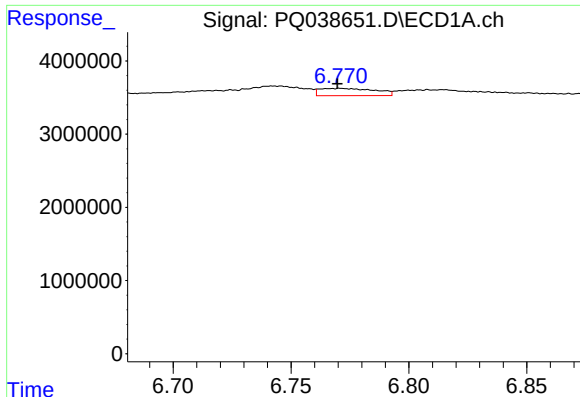
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.365 min
Response: 0
Conc: N.D.



#23 AR-1248-3

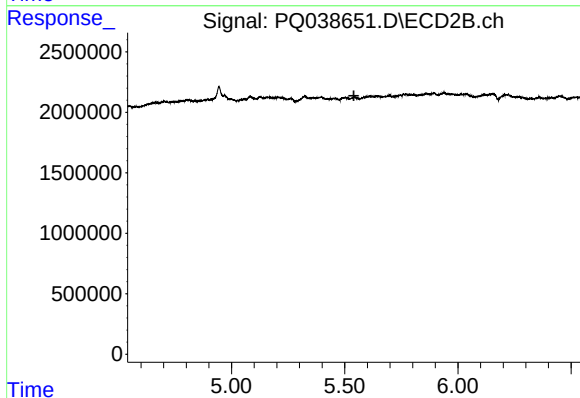
R.T.: 5.398 min
Delta R.T.: 0.033 min
Response: 602006
Conc: 6.39 ng/ml



#24 AR-1248-4

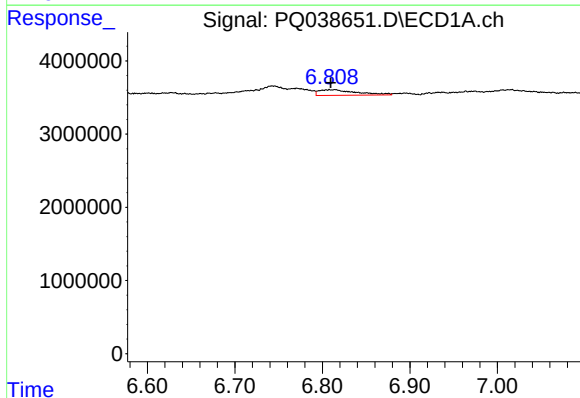
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 1627185
Conc: 9.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



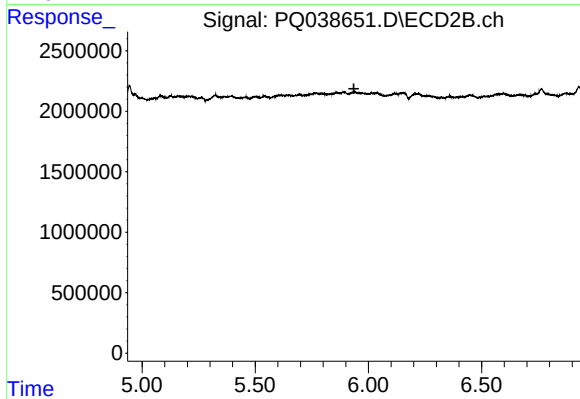
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.541 min
Response: 0
Conc: N.D.



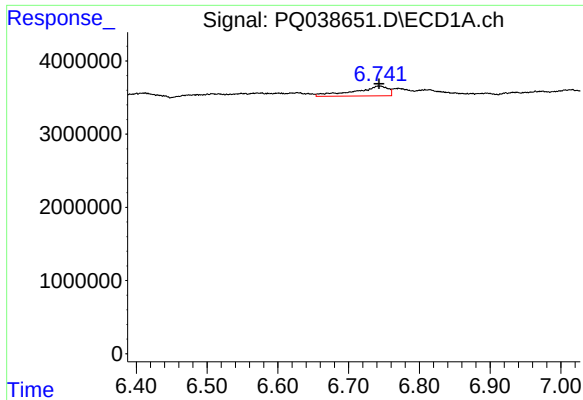
#25 AR-1248-5

R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 2301430
Conc: 13.57 ng/ml



#25 AR-1248-5

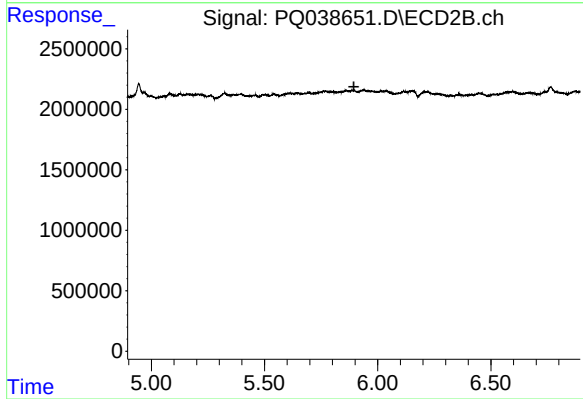
R.T.: 0.000 min
Exp R.T. : 5.936 min
Response: 0
Conc: N.D.



#26 AR-1254-1

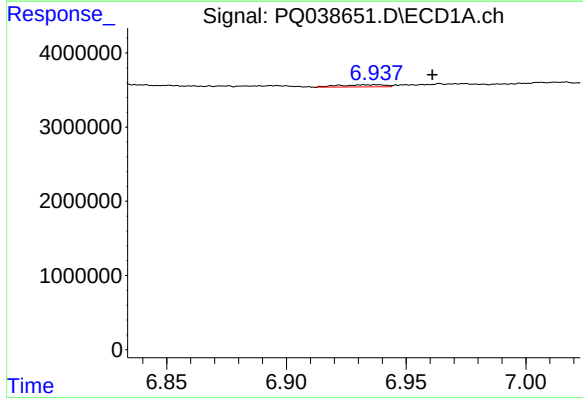
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 4463171
Conc: 22.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



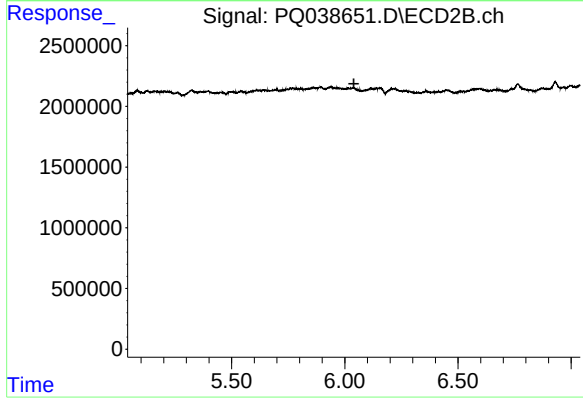
#26 AR-1254-1

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



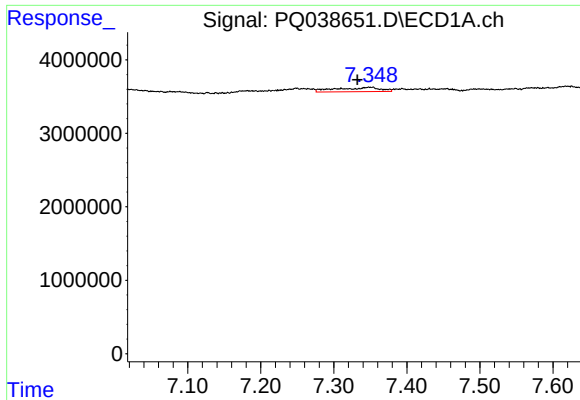
#27 AR-1254-2

R.T.: 6.936 min
Delta R.T.: -0.025 min
Response: 385260
Conc: 1.33 ng/ml



#27 AR-1254-2

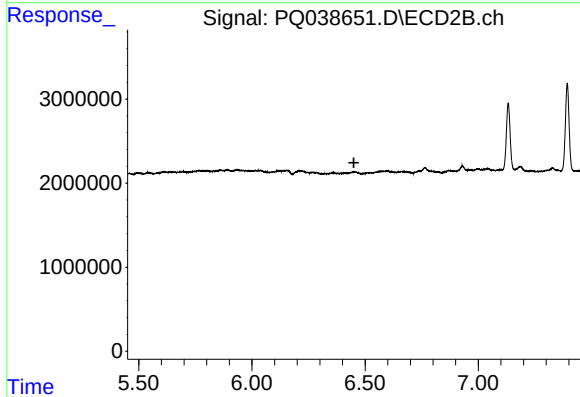
R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



#28 AR-1254-3

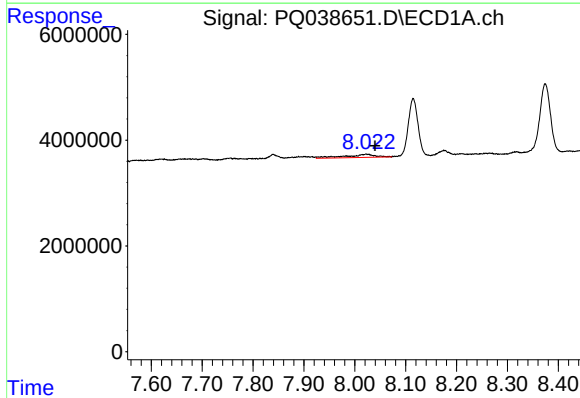
R.T.: 7.350 min
Delta R.T.: 0.017 min
Response: 2429756
Conc: 8.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



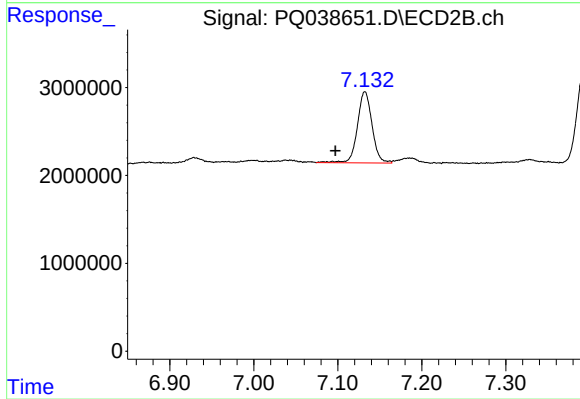
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.451 min
Response: 0
Conc: N.D.



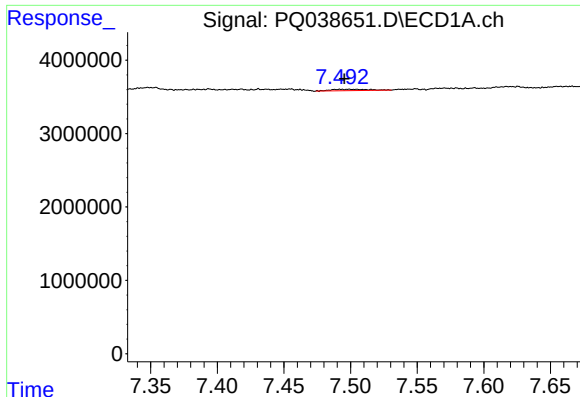
#30 AR-1254-5

R.T.: 8.023 min
Delta R.T.: -0.016 min
Response: 2424176
Conc: 9.18 ng/ml



#30 AR-1254-5

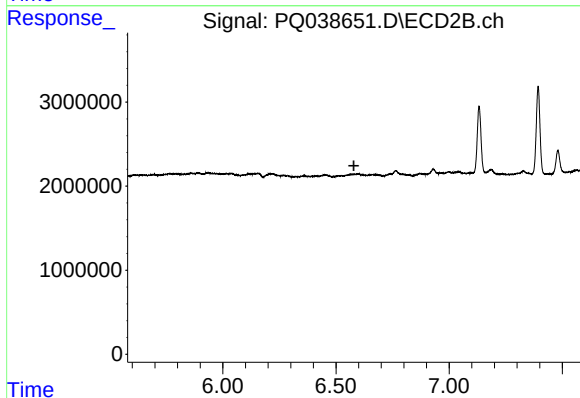
R.T.: 7.132 min
Delta R.T.: 0.035 min
Response: 9798299
Conc: 46.44 ng/ml



#31 AR-1260-1

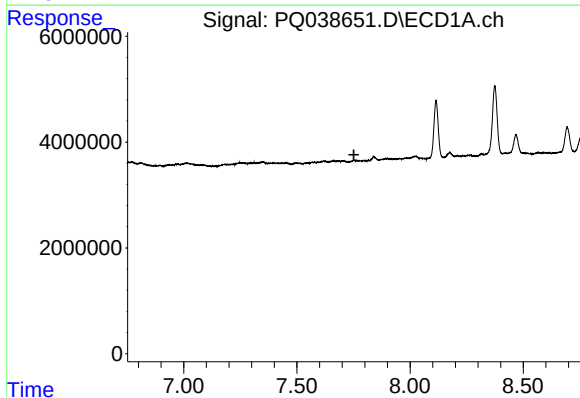
R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 342770
Conc: 1.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



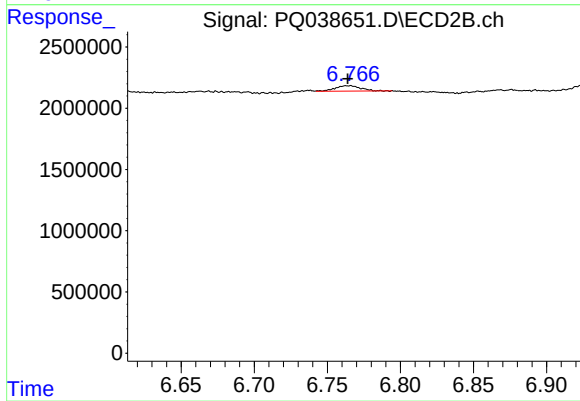
#31 AR-1260-1

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



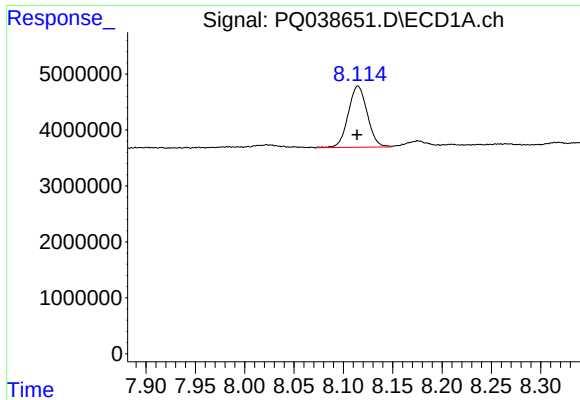
#32 AR-1260-2

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



#32 AR-1260-2

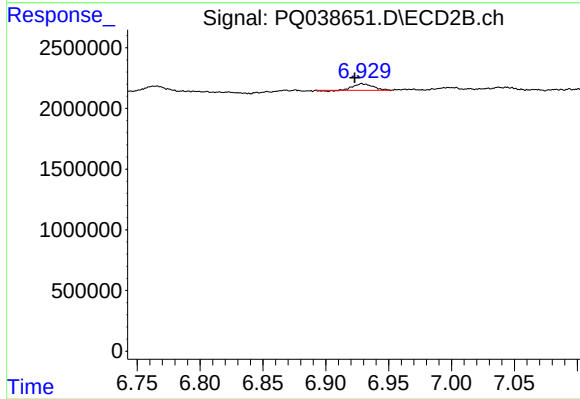
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 551658
Conc: 2.54 ng/ml



#33 AR-1260-3

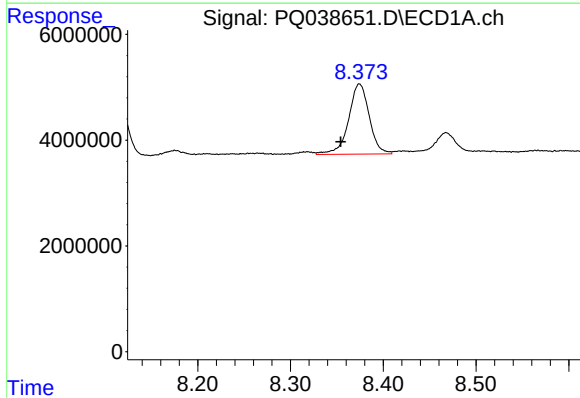
R.T.: 8.115 min
Delta R.T.: 0.001 min
Response: 14716027
Conc: 64.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



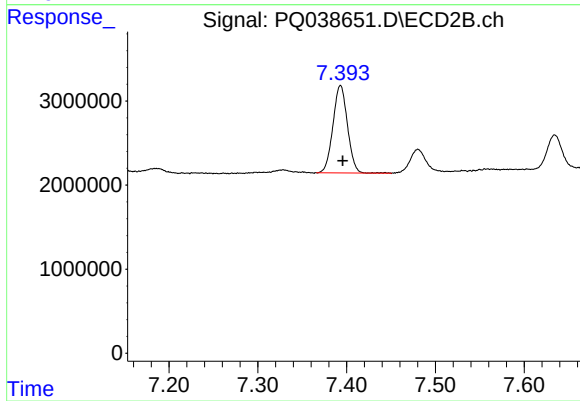
#33 AR-1260-3

R.T.: 6.929 min
Delta R.T.: 0.006 min
Response: 553655
Conc: 2.72 ng/ml



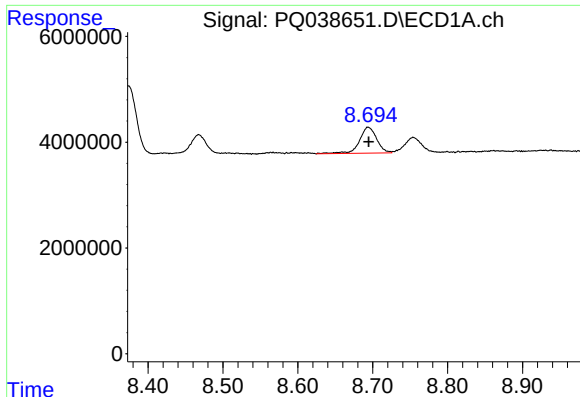
#34 AR-1260-4

R.T.: 8.374 min
Delta R.T.: 0.020 min
Response: 20548534
Conc: 77.51 ng/ml



#34 AR-1260-4

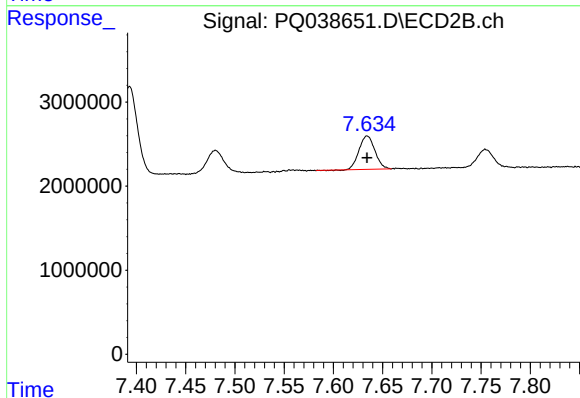
R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 11824813
Conc: 70.09 ng/ml



#35 AR-1260-5

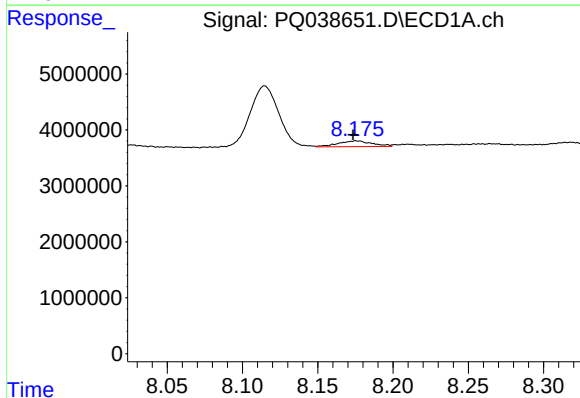
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 7905515
Conc: 15.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



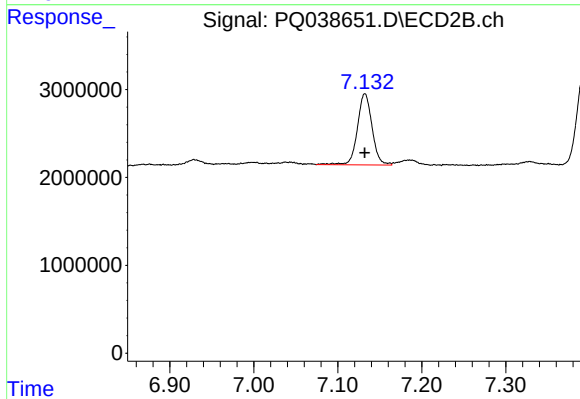
#35 AR-1260-5

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 4446363
Conc: 11.00 ng/ml



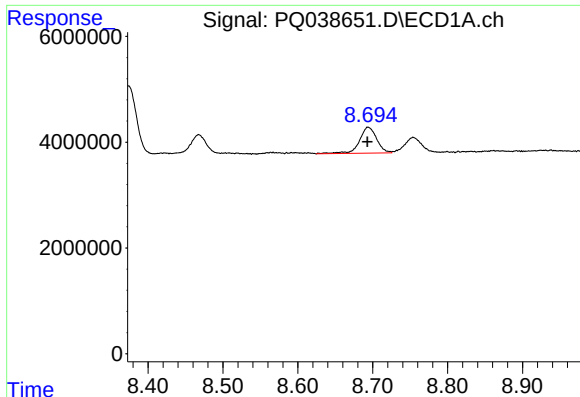
#36 AR-1262-1

R.T.: 8.175 min
Delta R.T.: 0.002 min
Response: 1658113
Conc: 13.08 ng/ml



#36 AR-1262-1

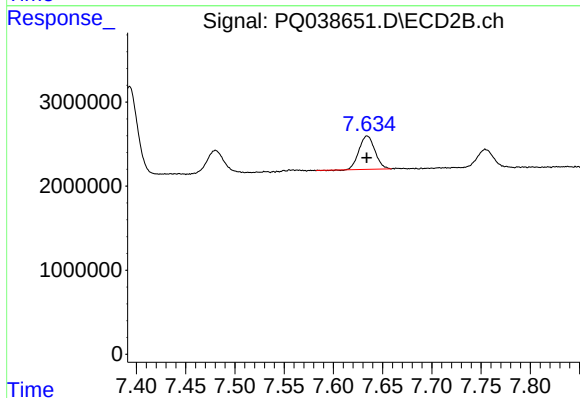
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 9798299
Conc: 40.97 ng/ml



#37 AR-1262-2

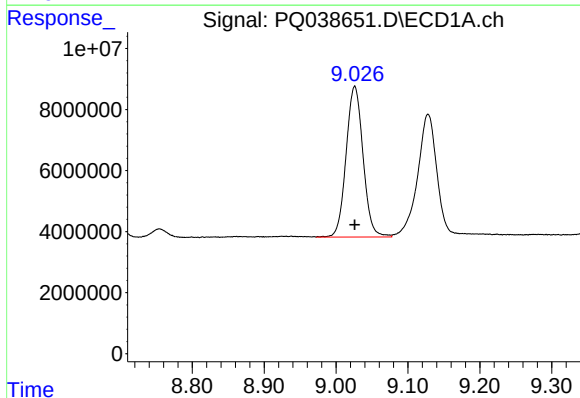
R.T.: 8.694 min
Delta R.T.: 0.001 min
Response: 7905515
Conc: 15.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



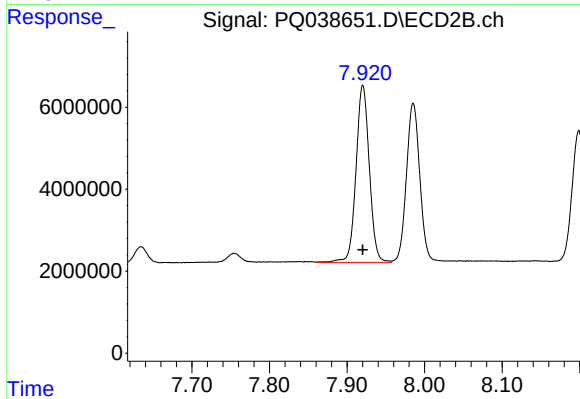
#37 AR-1262-2

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 4446363
Conc: 10.56 ng/ml



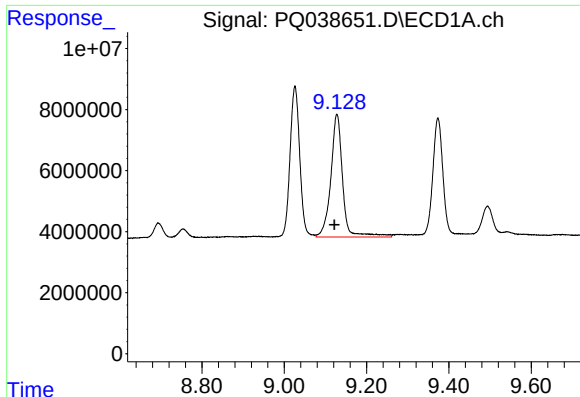
#38 AR-1262-3

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 80810817
Conc: 230.59 ng/ml



#38 AR-1262-3

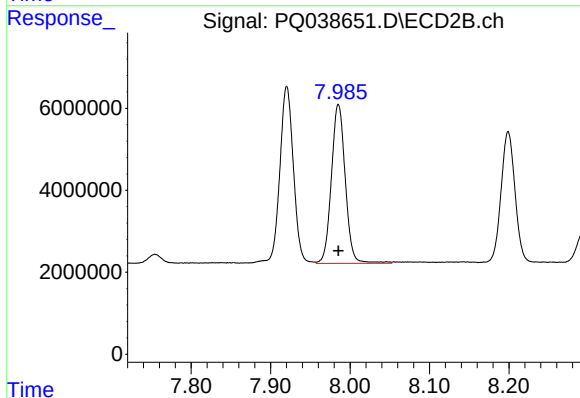
R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 51400480
Conc: 322.11 ng/ml



#39 AR-1262-4

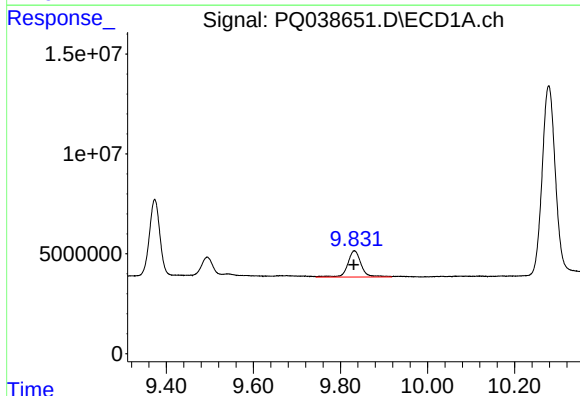
R.T.: 9.128 min
Delta R.T.: 0.006 min
Response: 80216192
Conc: 277.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



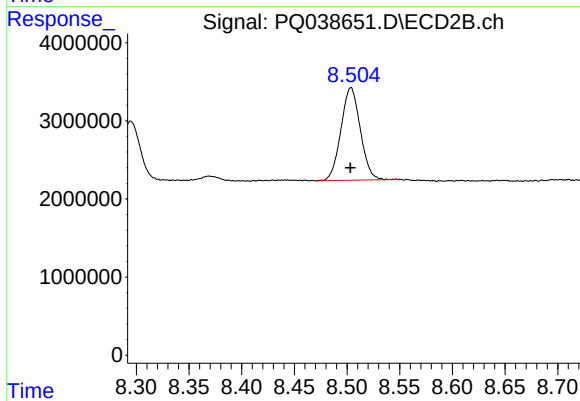
#39 AR-1262-4

R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 47094286
Conc: 154.63 ng/ml



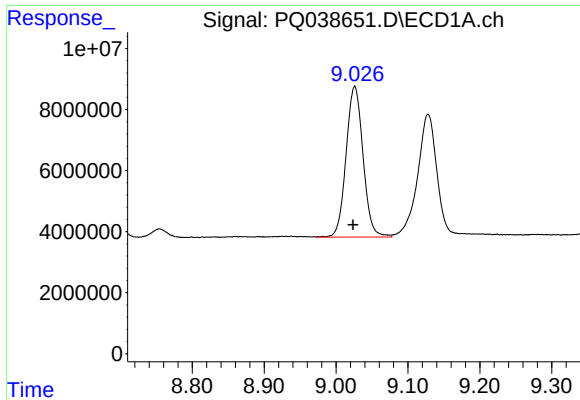
#40 AR-1262-5

R.T.: 9.832 min
Delta R.T.: 0.002 min
Response: 28375813
Conc: 156.64 ng/ml



#40 AR-1262-5

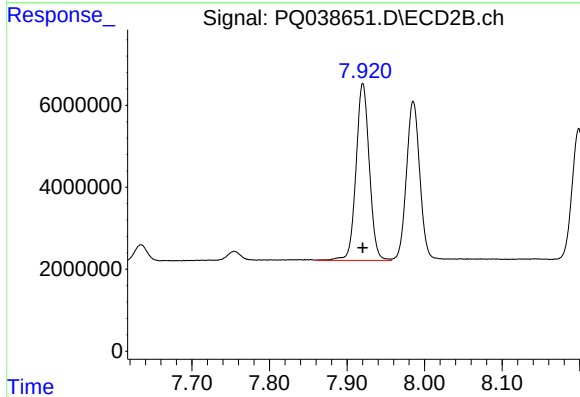
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 15183745
Conc: 113.87 ng/ml



#41 AR-1268-1

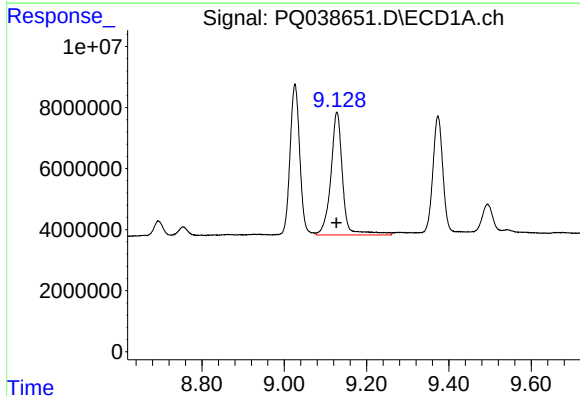
R.T.: 9.026 min
Delta R.T.: 0.002 min
Response: 80810817
Conc: 128.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



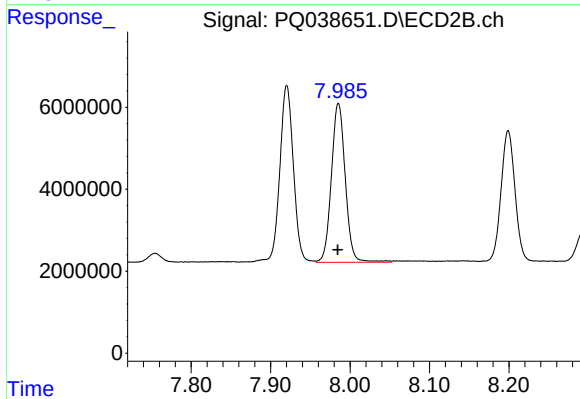
#41 AR-1268-1

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 51400480
Conc: 108.69 ng/ml



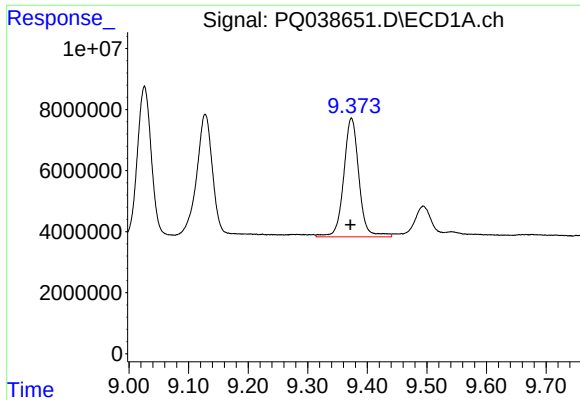
#42 AR-1268-2

R.T.: 9.128 min
Delta R.T.: 0.002 min
Response: 80216192
Conc: 130.74 ng/ml



#42 AR-1268-2

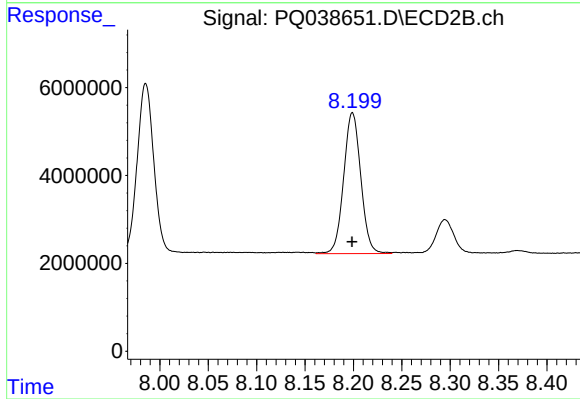
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 47094286
Conc: 107.88 ng/ml



#43 AR-1268-3

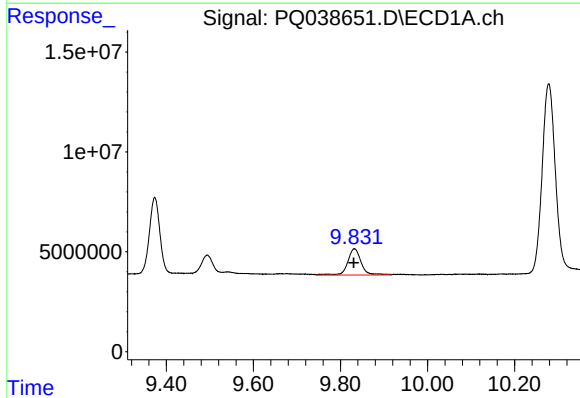
R.T.: 9.373 min
Delta R.T.: 0.001 min
Response: 69147931
Conc: 137.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



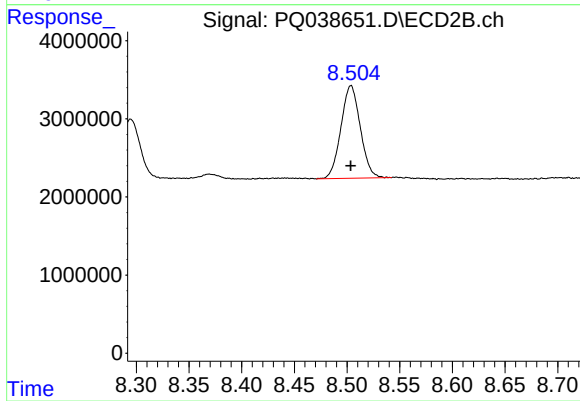
#43 AR-1268-3

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 39489505
Conc: 110.78 ng/ml



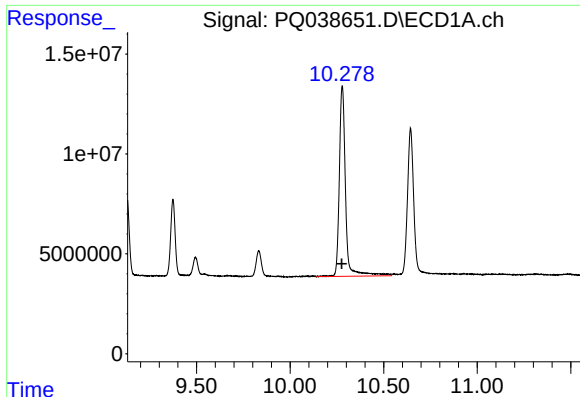
#44 AR-1268-4

R.T.: 9.832 min
Delta R.T.: 0.002 min
Response: 28375813
Conc: 129.74 ng/ml



#44 AR-1268-4

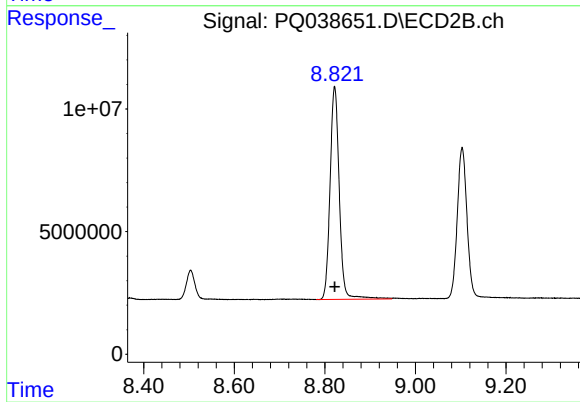
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 15183745
Conc: 101.23 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.002 min
Response: 221820695
Conc: 129.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 122838813
Conc: 106.33 ng/ml