

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 14:39
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:29:59 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	170.6E6	91658655	23.067	22.367
2)	SA Decachlor...	10.642	9.103	119.6E6	70667615	22.970	22.671
Target Compounds							
3)	L1 AR-1016-1	5.884	5.085	12672495	6419945	55.382	45.989
4)	L1 AR-1016-2	5.907	5.104	17646916	8903144	52.472	44.441
5)	L1 AR-1016-3	5.970	5.286	12008517	3800931	59.841	41.197 #
6)	L1 AR-1016-4	6.070	5.322	11893663	3669402	72.274	45.812 #
7)	L1 AR-1016-5	6.365	5.541	9888386	4855414	62.508	47.377
8)	L2 AR-1221-1	4.910	4.195	3899303	942025	55.310	23.351 #
9)	L2 AR-1221-2	5.013	4.290	4352738	2020064	86.812	68.683
10)	L2 AR-1221-3	5.080	4.365	6778874	4548903	42.289	47.261
11)	L3 AR-1232-1	5.080	4.365	6778874	4548903	50.989	57.294
12)	L3 AR-1232-2	5.615	5.104	9850050	8903144	152.385	120.672
13)	L3 AR-1232-3	5.907	5.286	17646916	3800931	137.347	111.715
14)	L3 AR-1232-4	6.070	5.365	11893663	4337166	182.262	131.422 #
15)	L3 AR-1232-5	6.157	5.541	9486044	4855414	192.195	139.666 #
16)	L4 AR-1242-1	5.884	5.085	12672495	6419945	78.969	65.717
17)	L4 AR-1242-2	5.907	5.104	17646916	8903144	74.821	63.484
18)	L4 AR-1242-3	5.970	5.286	12008517	3800931	82.572	57.104 #
19)	L4 AR-1242-4	6.070	5.365	11893663	4337166	99.506	63.292 #
20)	L4 AR-1242-5	6.810	5.895	2531878	5060553	22.631	58.477 #
21)	L5 AR-1248-1	5.884	5.085	12672495	6419945	108.176	89.931
22)	L5 AR-1248-2	6.157	5.322	9486044	3669402	59.348	39.945 #
23)	L5 AR-1248-3	6.365	5.365	9888386	4337166	57.571	46.041
24)	L5 AR-1248-4	6.743	5.541	9884484	4855414	55.727	42.309
25)	L5 AR-1248-5	6.810	5.935	2531878	1447580	14.926	13.362
26)	L6 AR-1254-1	6.743	5.895	9884484	5060553	50.371	27.420 #
27)	L6 AR-1254-2	6.961	6.040	6042710	4056891	20.823	25.938
28)	L6 AR-1254-3	7.333	6.462	3140196	7835924	10.495	30.187 #
29)	L6 AR-1254-4	7.619	6.679	1723738	304951	8.658	1.794 #
30)	L6 AR-1254-5	8.039	7.096	21365710	11785510	80.887	55.863 #
31)	L7 AR-1260-1	7.495	6.578	14261118	9072194	56.119	50.217
32)	L7 AR-1260-2	7.751	6.764	16291355	10911190	54.897	50.160
33)	L7 AR-1260-3	8.114	6.923	13234063	9833251	57.796	48.235
34)	L7 AR-1260-4	8.353	7.396	15101978	7783993	56.963	46.141
35)	L7 AR-1260-5	8.693	7.634	25188963	18452709	49.578	45.665
36)	L8 AR-1262-1	8.174	7.132	8558136	9057769	67.504	37.876 #
37)	L8 AR-1262-2	8.693	7.634	25188963	18452709	48.906	43.823
38)	L8 AR-1262-3	9.045	7.920	18196934	5081022	51.925	31.841 #
39)	L8 AR-1262-4	9.106	7.986	10768059	13388178	37.275	43.960
40)	L8 AR-1262-5	9.831	8.504	6822926	5626895	37.663	42.199
41)	L9 AR-1268-1	9.045	7.920	18196934	5081022	28.908	10.744 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 14:39
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 6 Sample Multiplier: 1

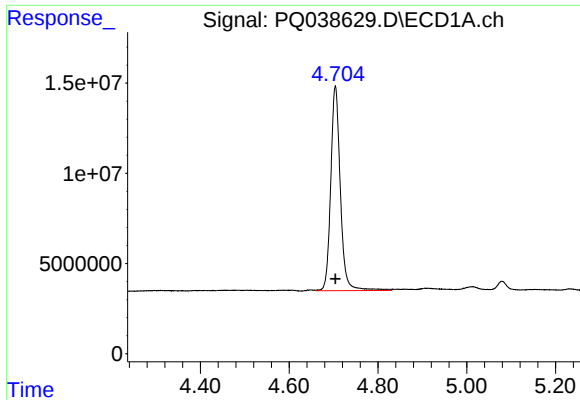
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:29:59 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
42) L9	AR-1268-2	9.106	7.986	10768059	13388178	17.550	30.670 #
43) L9	AR-1268-3	9.372	8.199	4815906	472519	9.547	1.326 #
44) L9	AR-1268-4	9.831	8.504	6822926	5626895	31.195	37.515
45) L9	AR-1268-5	10.276	8.820	5827876	1843476	3.393	1.596 #

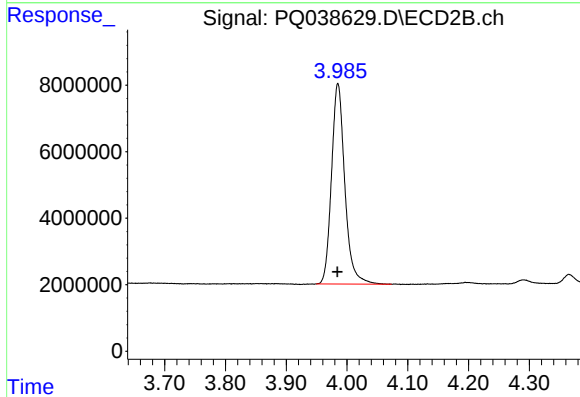
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

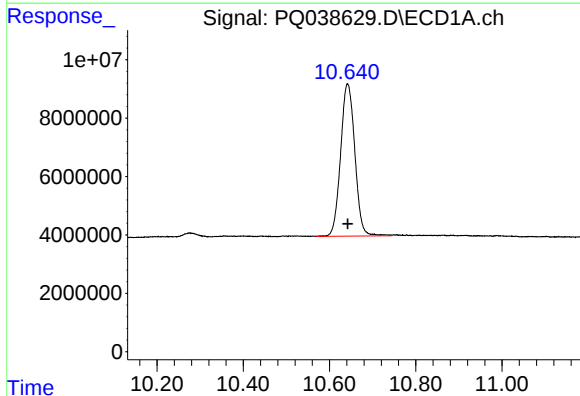
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 170623868
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



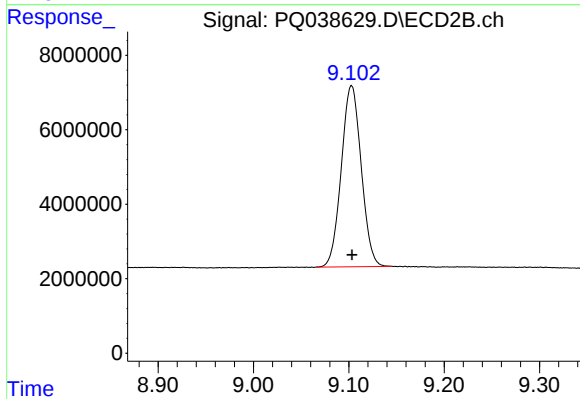
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 91658655
Conc: 22.37 ng/ml



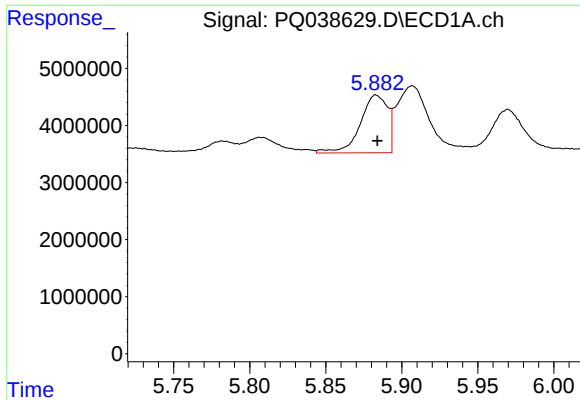
#2 Decachlorobiphenyl

R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 119580483
Conc: 22.97 ng/ml



#2 Decachlorobiphenyl

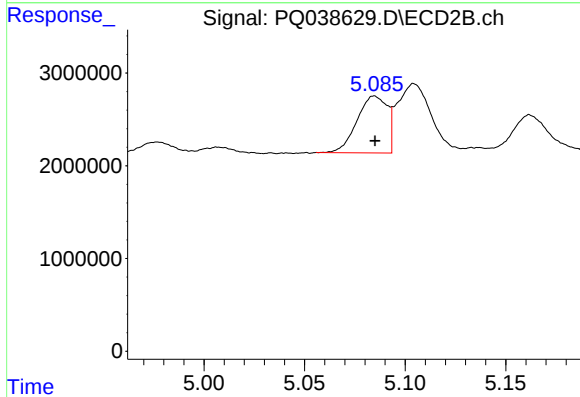
R.T.: 9.103 min
Delta R.T.: 0.000 min
Response: 70667615
Conc: 22.67 ng/ml



#3 AR-1016-1

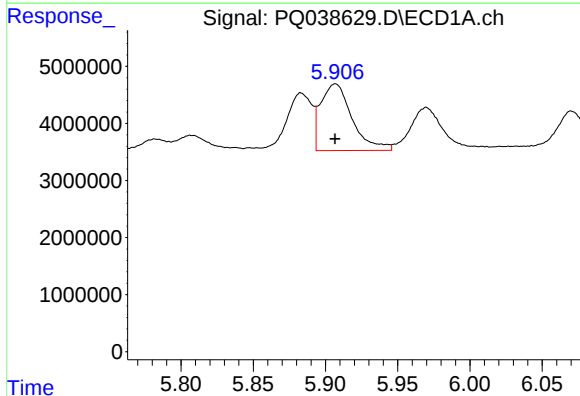
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 12672495
Conc: 55.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



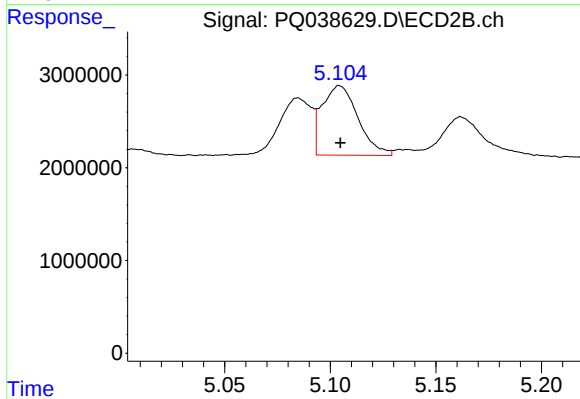
#3 AR-1016-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 6419945
Conc: 45.99 ng/ml



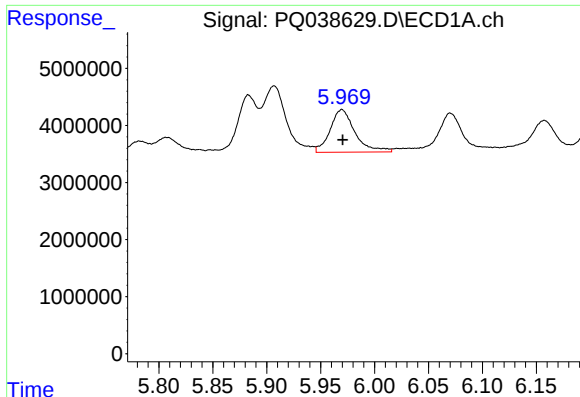
#4 AR-1016-2

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 17646916
Conc: 52.47 ng/ml



#4 AR-1016-2

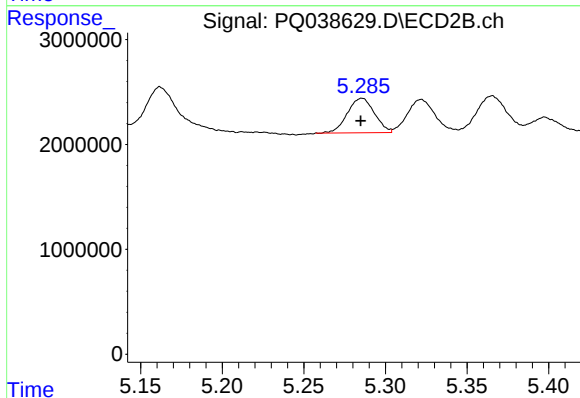
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 8903144
Conc: 44.44 ng/ml



#5 AR-1016-3

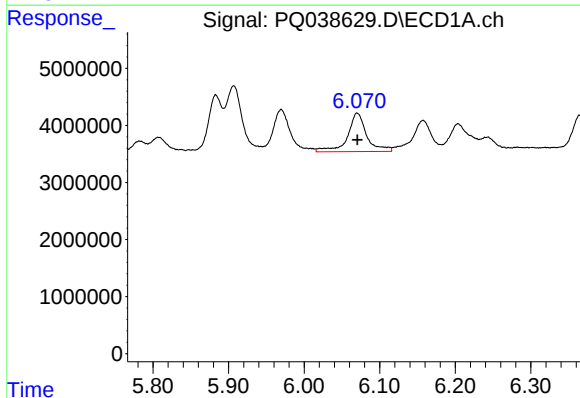
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 12008517
Conc: 59.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



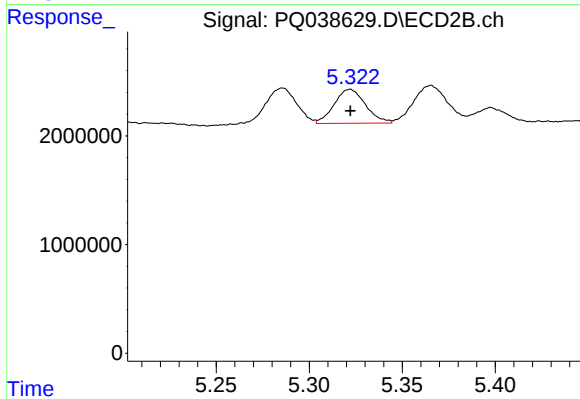
#5 AR-1016-3

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 3800931
Conc: 41.20 ng/ml



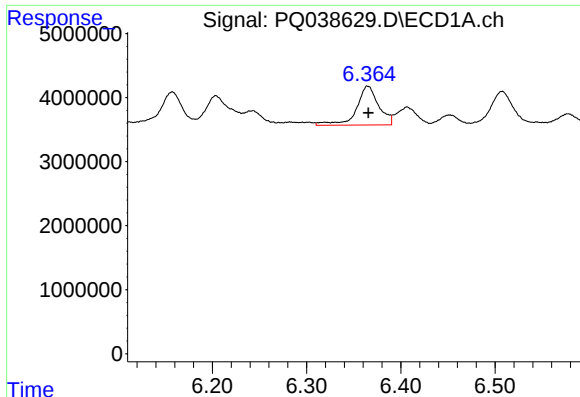
#6 AR-1016-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 11893663
Conc: 72.27 ng/ml



#6 AR-1016-4

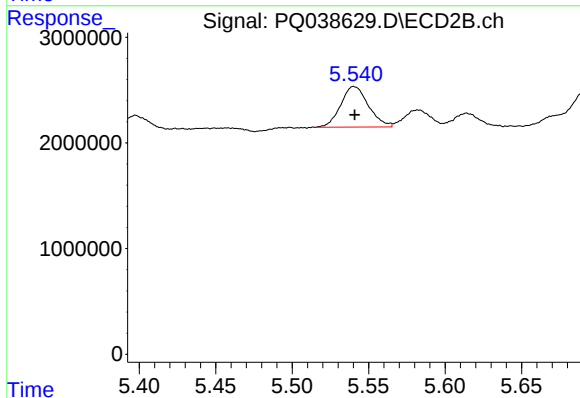
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 3669402
Conc: 45.81 ng/ml



#7 AR-1016-5

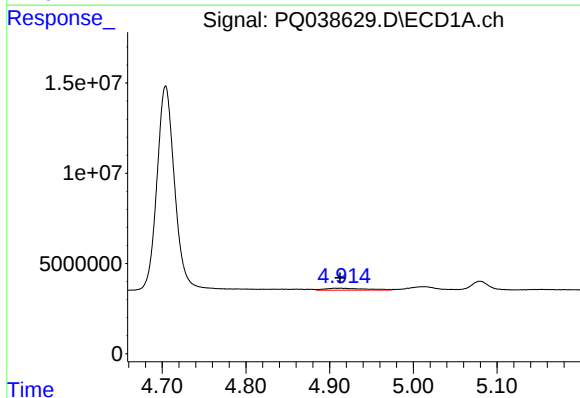
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 9888386
Conc: 62.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



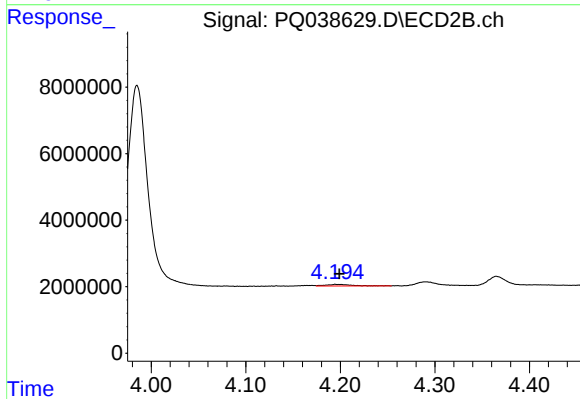
#7 AR-1016-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 4855414
Conc: 47.38 ng/ml



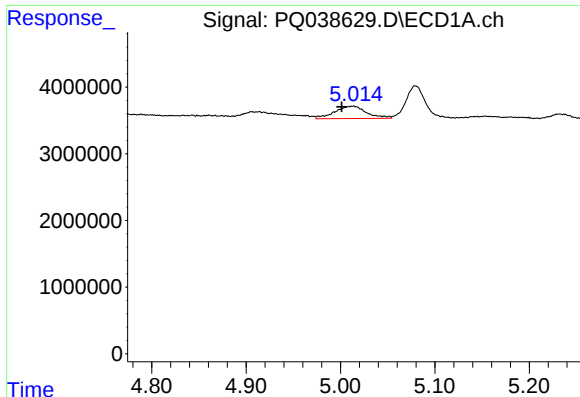
#8 AR-1221-1

R.T.: 4.910 min
Delta R.T.: -0.002 min
Response: 3899303
Conc: 55.31 ng/ml



#8 AR-1221-1

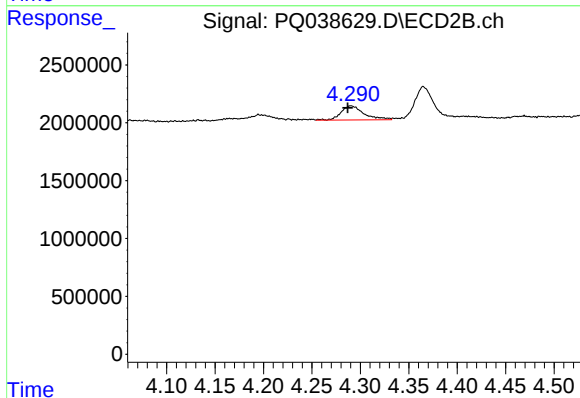
R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 942025
Conc: 23.35 ng/ml



#9 AR-1221-2

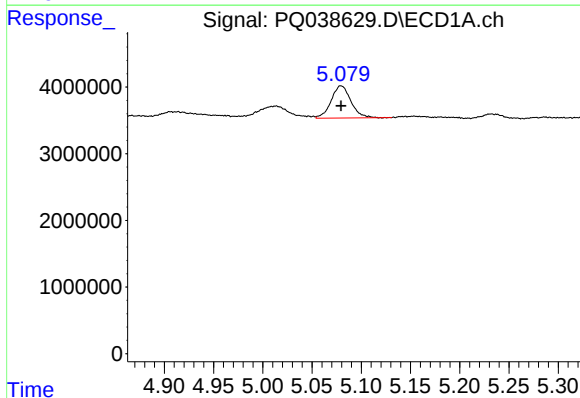
R.T.: 5.013 min
Delta R.T.: 0.011 min
Response: 4352738
Conc: 86.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



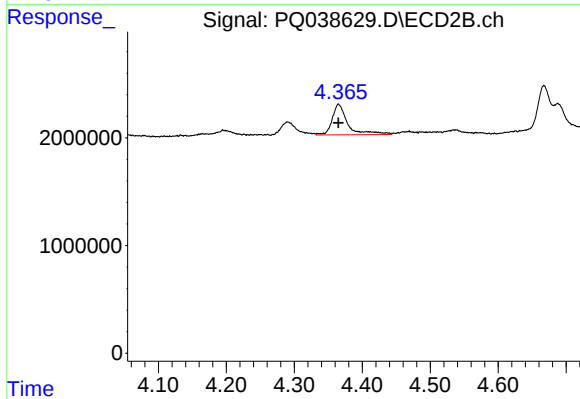
#9 AR-1221-2

R.T.: 4.290 min
Delta R.T.: 0.003 min
Response: 2020064
Conc: 68.68 ng/ml



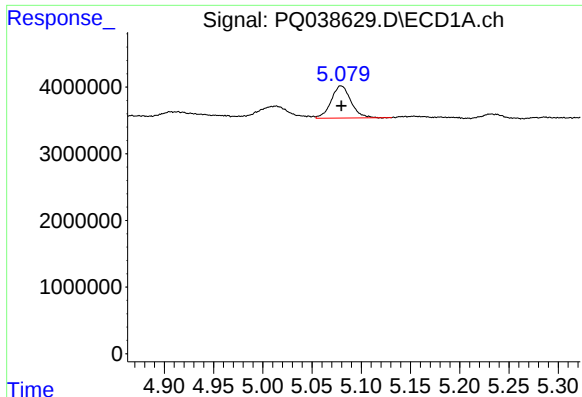
#10 AR-1221-3

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 6778874
Conc: 42.29 ng/ml



#10 AR-1221-3

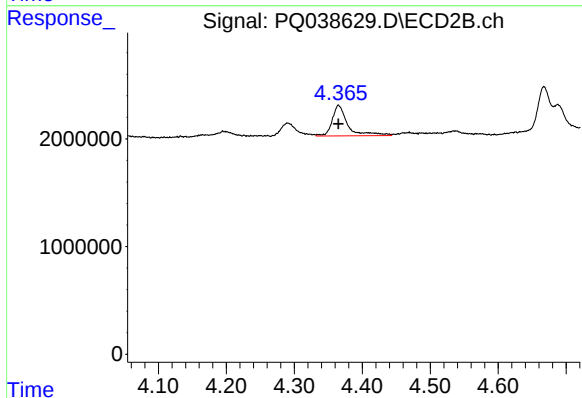
R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 4548903
Conc: 47.26 ng/ml



#11 AR-1232-1

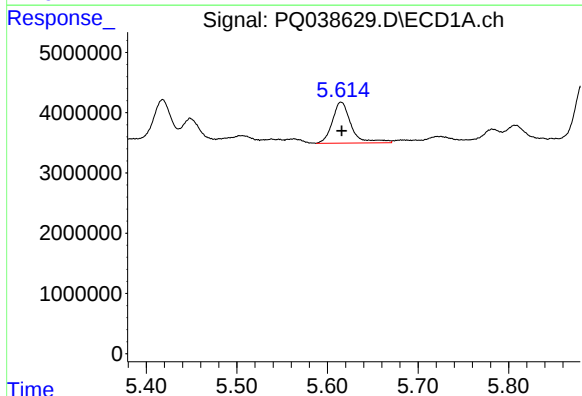
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 6778874
Conc: 50.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



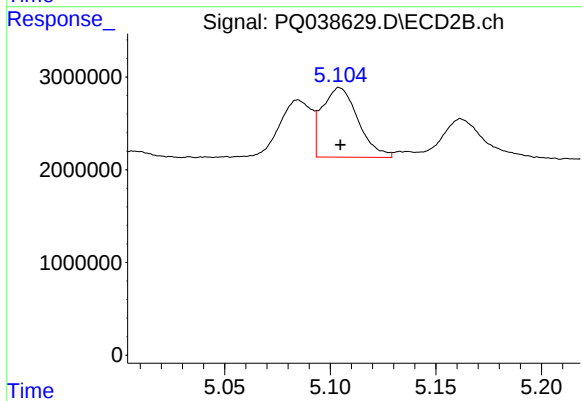
#11 AR-1232-1

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 4548903
Conc: 57.29 ng/ml



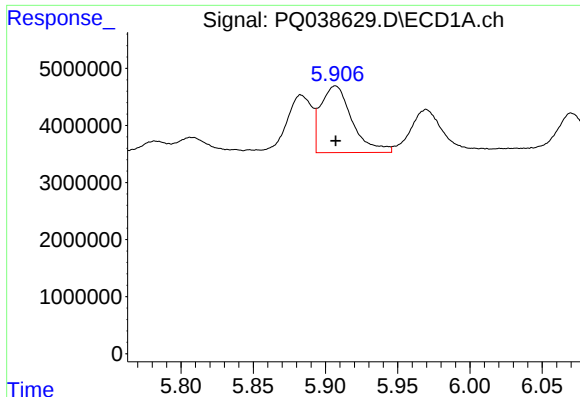
#12 AR-1232-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 9850050
Conc: 152.39 ng/ml



#12 AR-1232-2

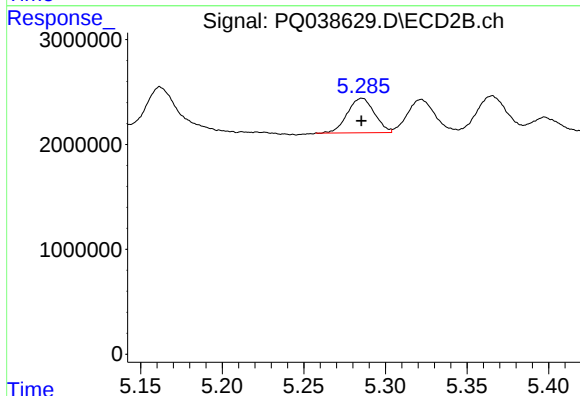
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 8903144
Conc: 120.67 ng/ml



#13 AR-1232-3

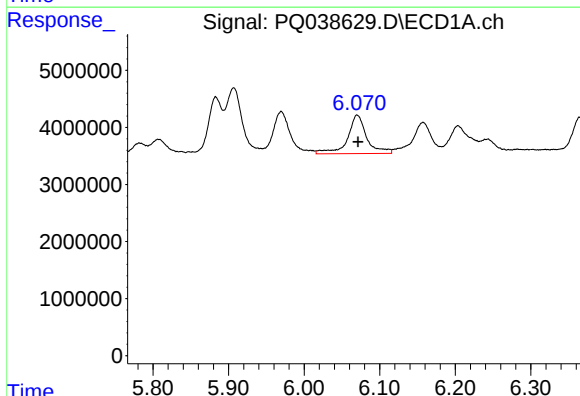
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 17646916
Conc: 137.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



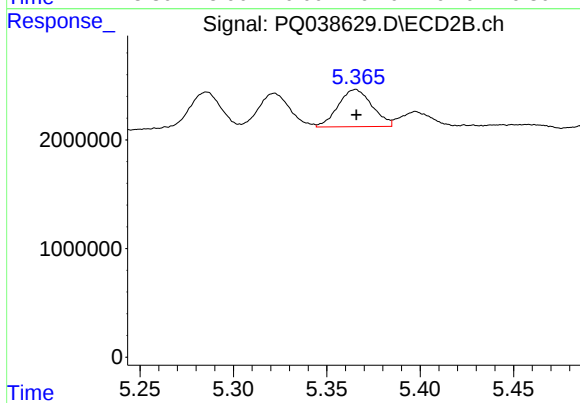
#13 AR-1232-3

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 3800931
Conc: 111.71 ng/ml



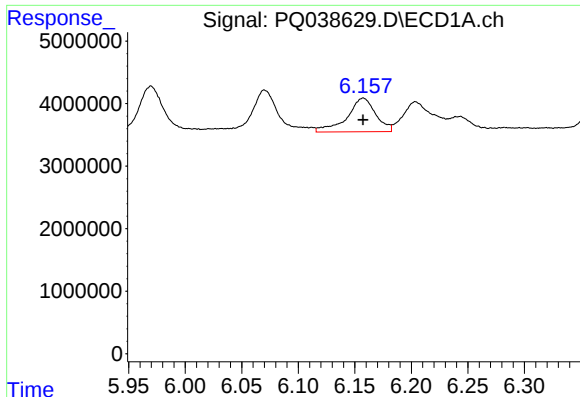
#14 AR-1232-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 11893663
Conc: 182.26 ng/ml



#14 AR-1232-4

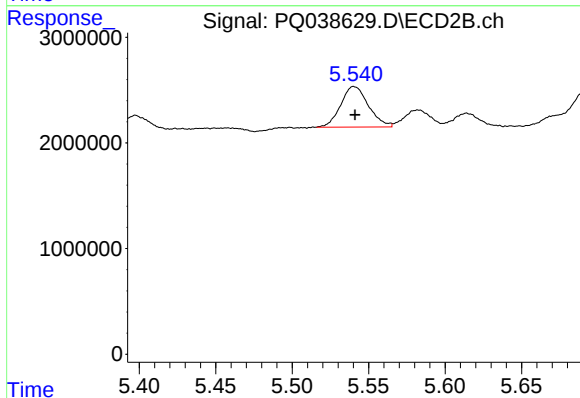
R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 4337166
Conc: 131.42 ng/ml



#15 AR-1232-5

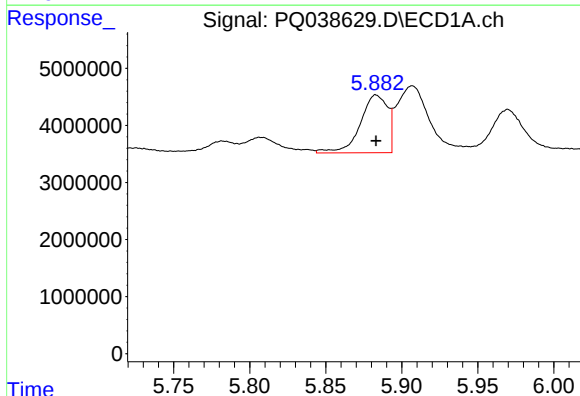
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 9486044
Conc: 192.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



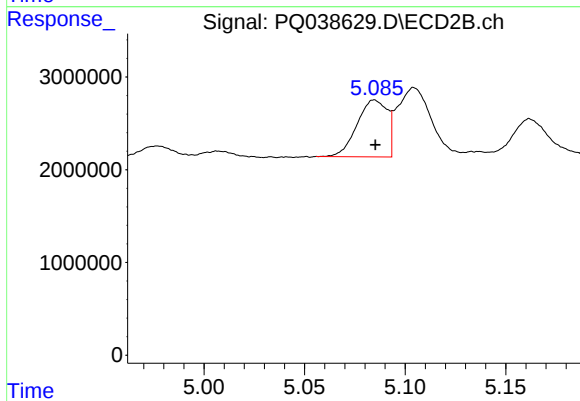
#15 AR-1232-5

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 4855414
Conc: 139.67 ng/ml



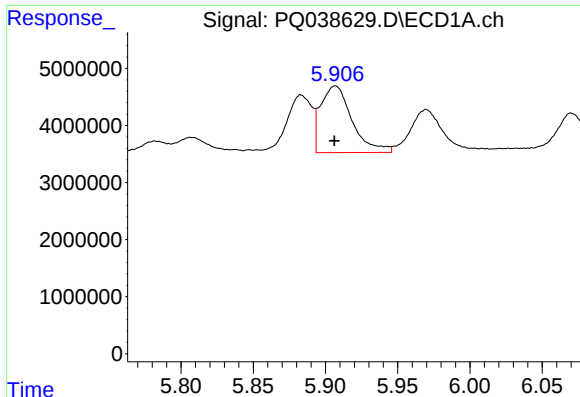
#16 AR-1242-1

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 12672495
Conc: 78.97 ng/ml



#16 AR-1242-1

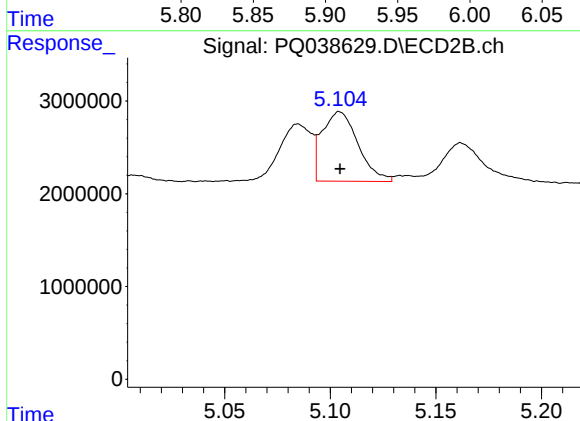
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 6419945
Conc: 65.72 ng/ml



#17 AR-1242-2

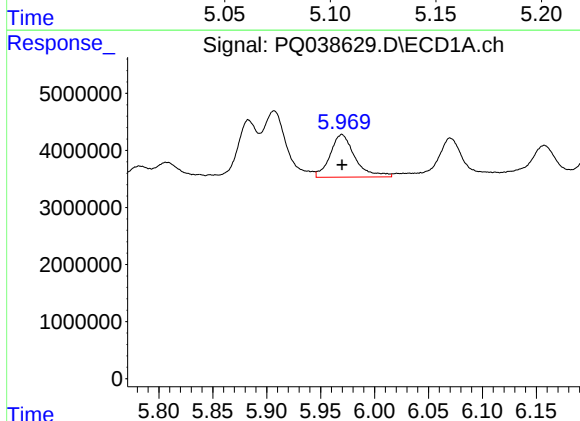
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 17646916
Conc: 74.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



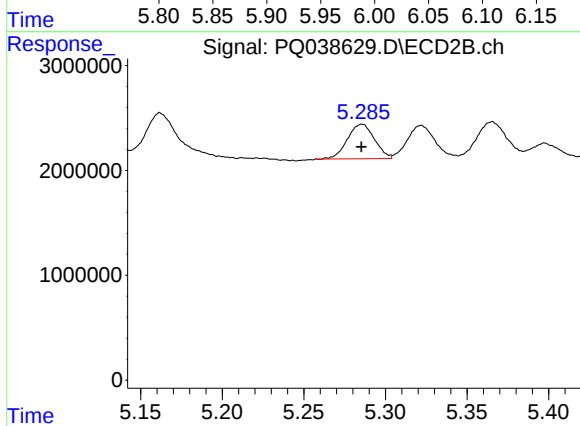
#17 AR-1242-2

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 8903144
Conc: 63.48 ng/ml



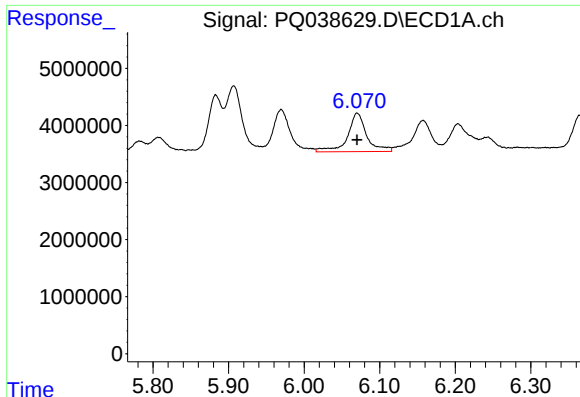
#18 AR-1242-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 12008517
Conc: 82.57 ng/ml



#18 AR-1242-3

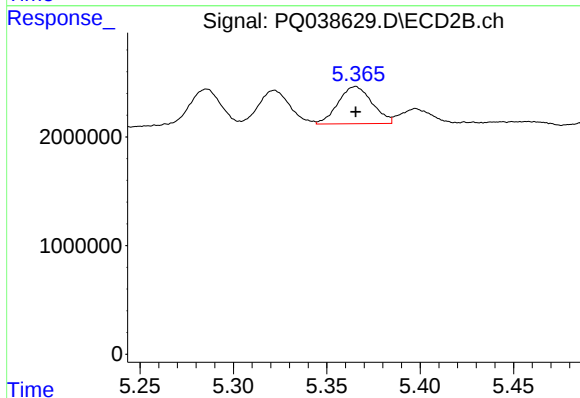
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 3800931
Conc: 57.10 ng/ml



#19 AR-1242-4

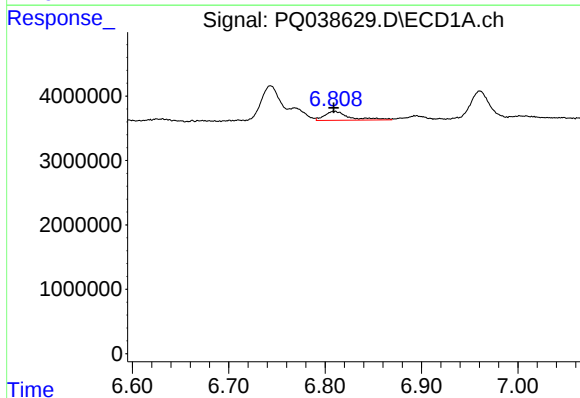
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 11893663
Conc: 99.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



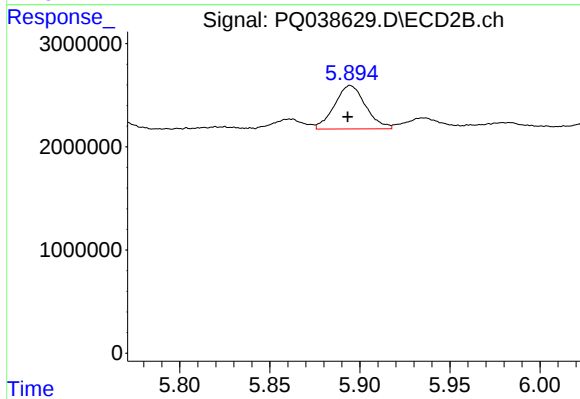
#19 AR-1242-4

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 4337166
Conc: 63.29 ng/ml



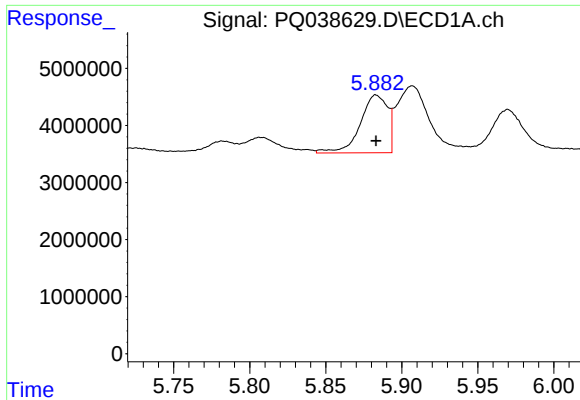
#20 AR-1242-5

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 2531878
Conc: 22.63 ng/ml



#20 AR-1242-5

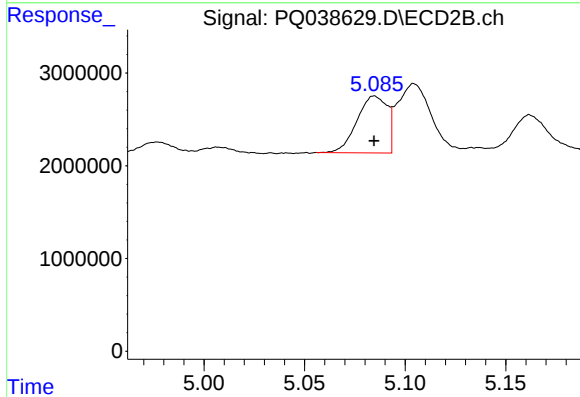
R.T.: 5.895 min
Delta R.T.: 0.001 min
Response: 5060553
Conc: 58.48 ng/ml



#21 AR-1248-1

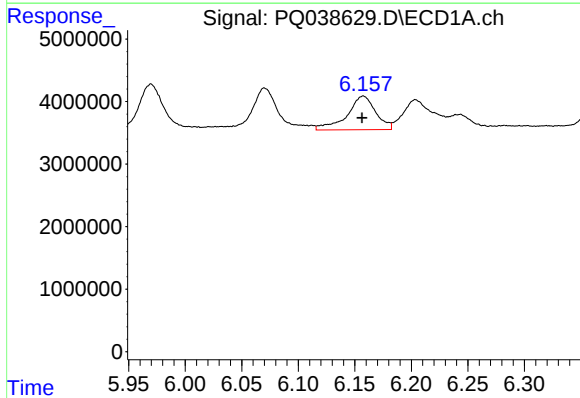
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 12672495
Conc: 108.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



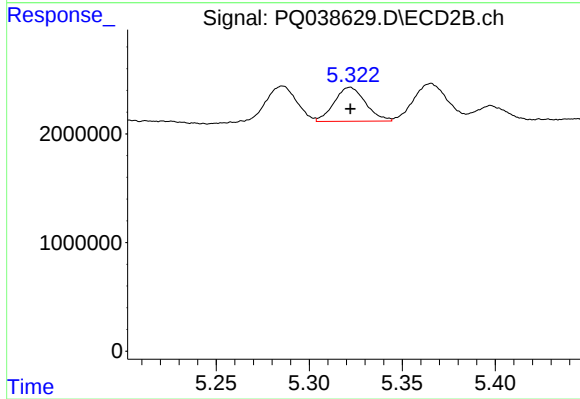
#21 AR-1248-1

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 6419945
Conc: 89.93 ng/ml



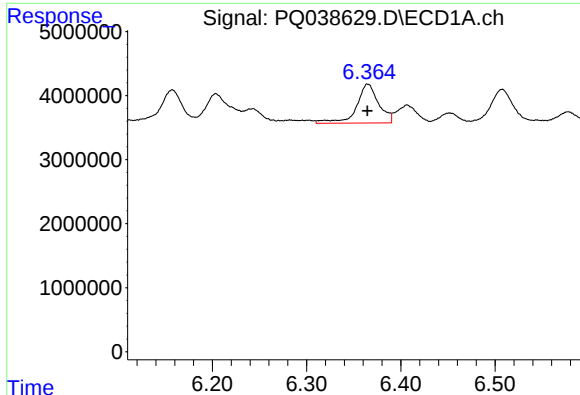
#22 AR-1248-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 9486044
Conc: 59.35 ng/ml



#22 AR-1248-2

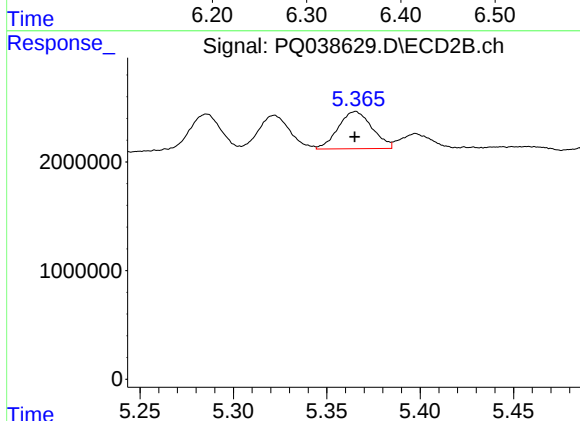
R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 3669402
Conc: 39.94 ng/ml



#23 AR-1248-3

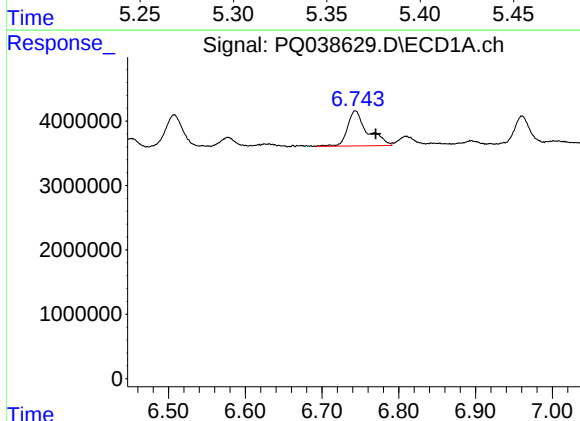
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 9888386
Conc: 57.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



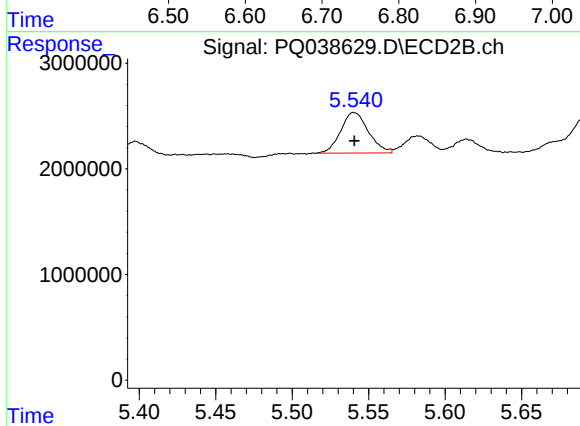
#23 AR-1248-3

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 4337166
Conc: 46.04 ng/ml



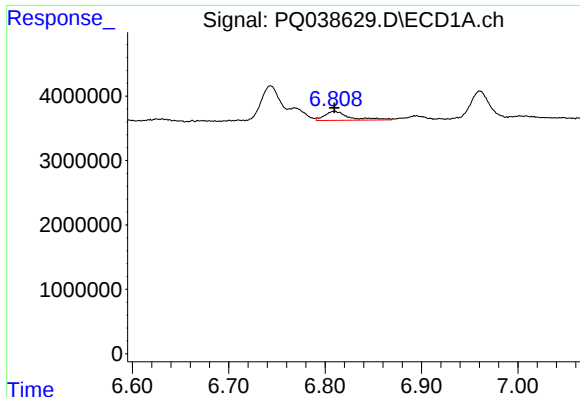
#24 AR-1248-4

R.T.: 6.743 min
Delta R.T.: -0.026 min
Response: 9884484
Conc: 55.73 ng/ml



#24 AR-1248-4

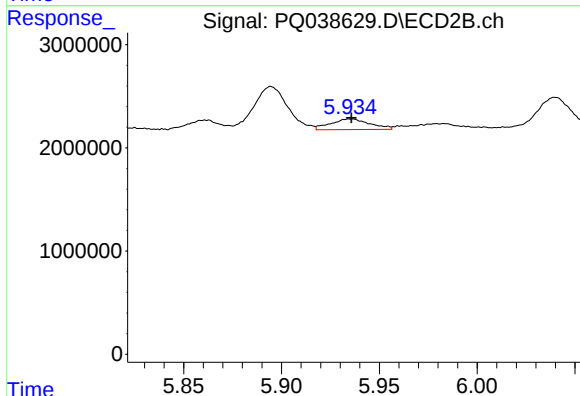
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 4855414
Conc: 42.31 ng/ml



#25 AR-1248-5

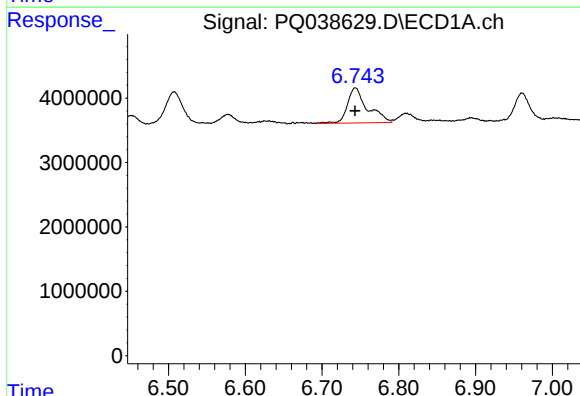
R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 2531878
Conc: 14.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



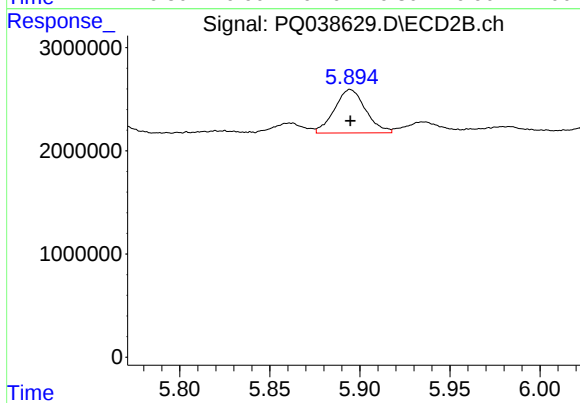
#25 AR-1248-5

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 1447580
Conc: 13.36 ng/ml



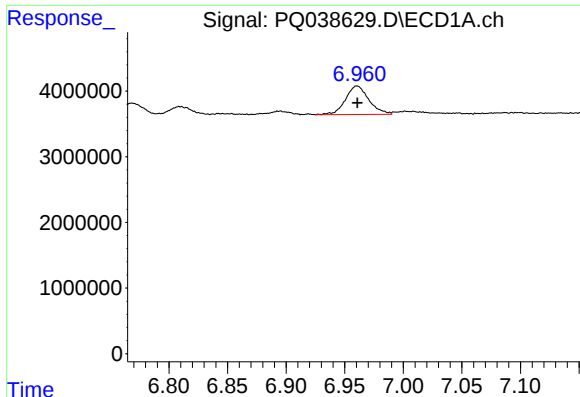
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 9884484
Conc: 50.37 ng/ml



#26 AR-1254-1

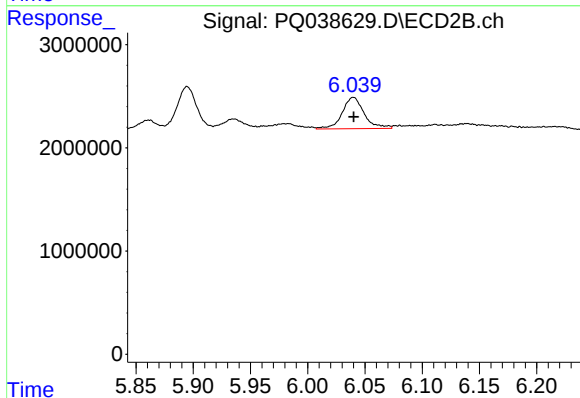
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 5060553
Conc: 27.42 ng/ml



#27 AR-1254-2

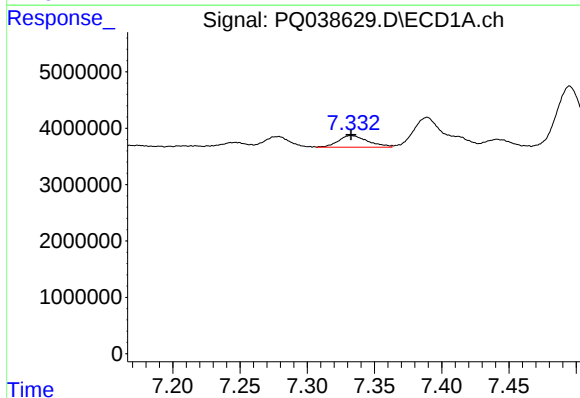
R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 6042710
Conc: 20.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



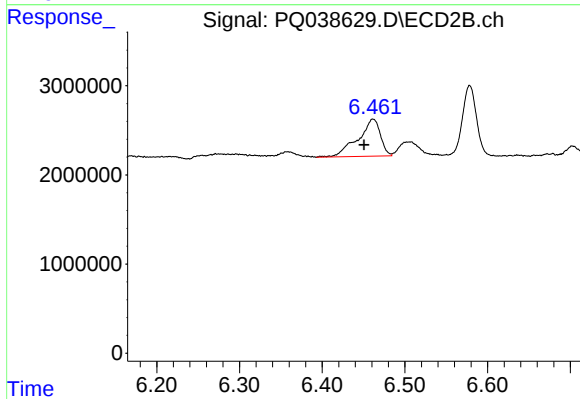
#27 AR-1254-2

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 4056891
Conc: 25.94 ng/ml



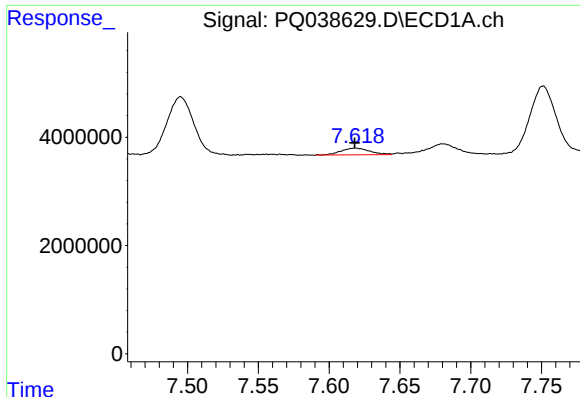
#28 AR-1254-3

R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 3140196
Conc: 10.50 ng/ml



#28 AR-1254-3

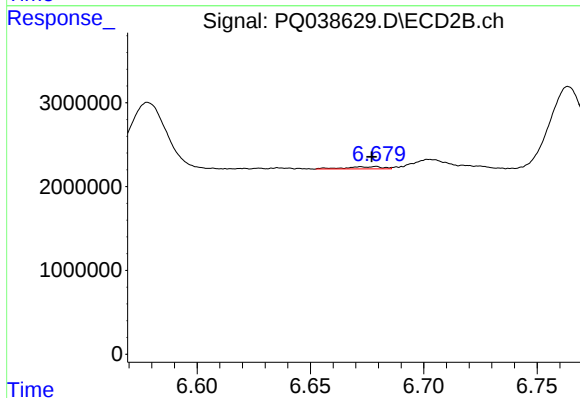
R.T.: 6.462 min
Delta R.T.: 0.011 min
Response: 7835924
Conc: 30.19 ng/ml



#29 AR-1254-4

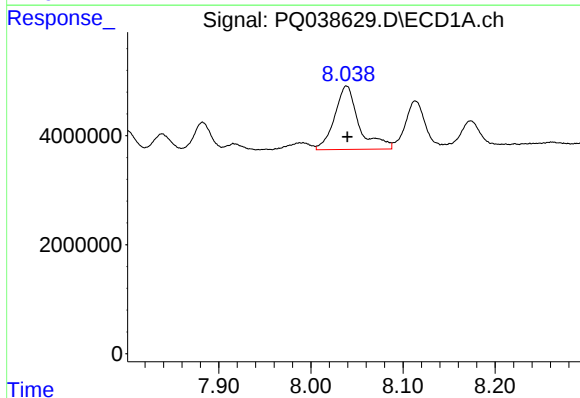
R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 1723738
Conc: 8.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



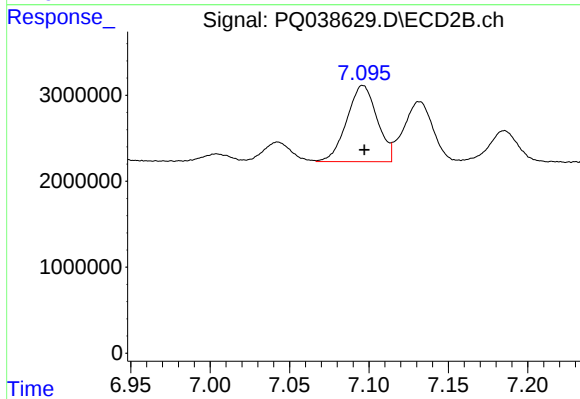
#29 AR-1254-4

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 304951
Conc: 1.79 ng/ml



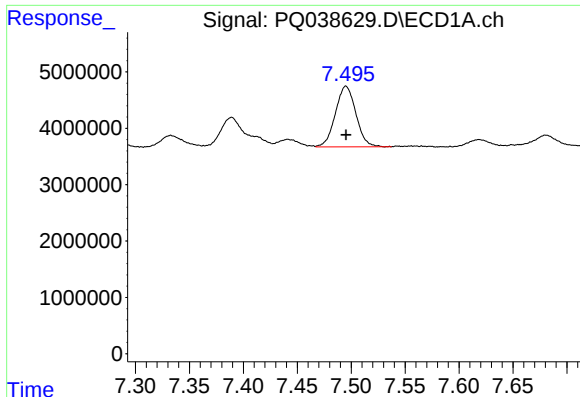
#30 AR-1254-5

R.T.: 8.039 min
Delta R.T.: -0.001 min
Response: 21365710
Conc: 80.89 ng/ml



#30 AR-1254-5

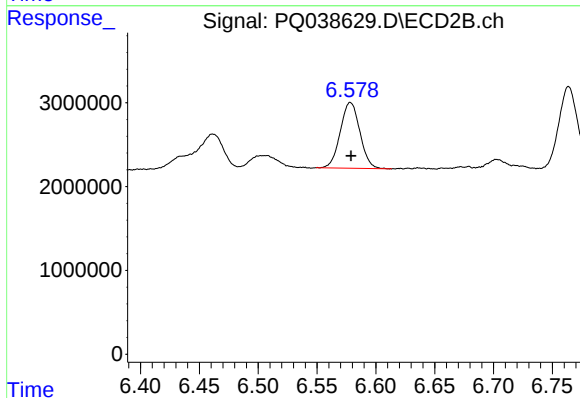
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 11785510
Conc: 55.86 ng/ml



#31 AR-1260-1

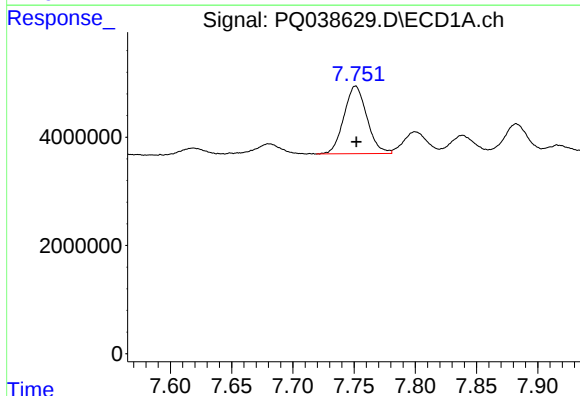
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 14261118
Conc: 56.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



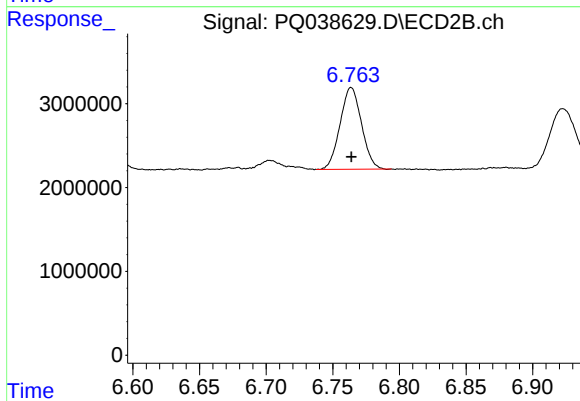
#31 AR-1260-1

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 9072194
Conc: 50.22 ng/ml



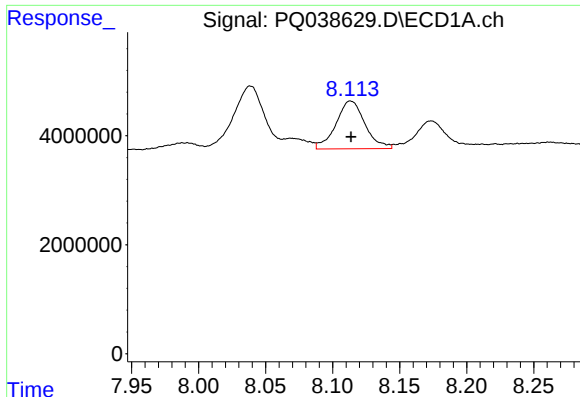
#32 AR-1260-2

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 16291355
Conc: 54.90 ng/ml



#32 AR-1260-2

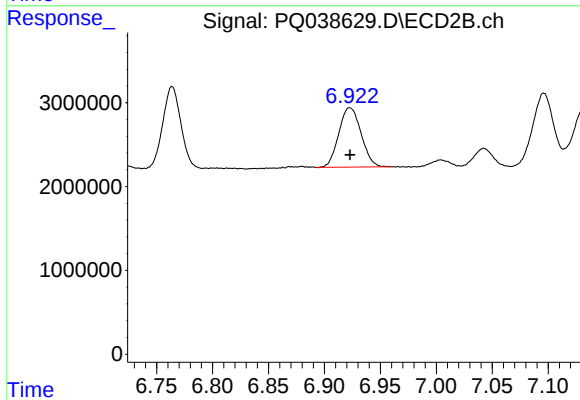
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 10911190
Conc: 50.16 ng/ml



#33 AR-1260-3

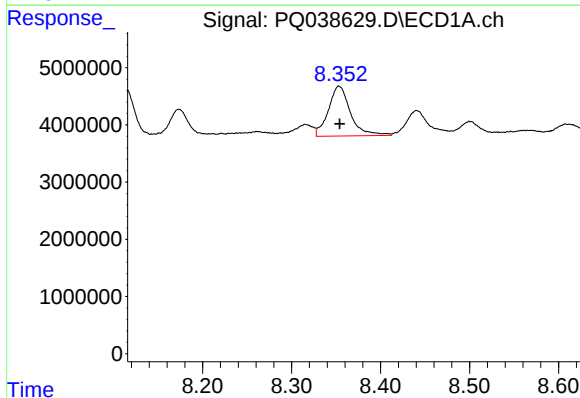
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 13234063
Conc: 57.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



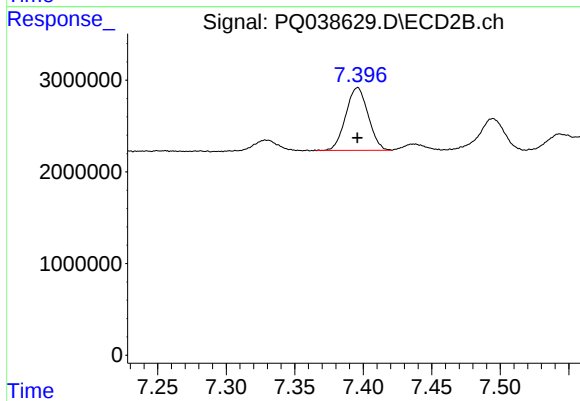
#33 AR-1260-3

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 9833251
Conc: 48.23 ng/ml



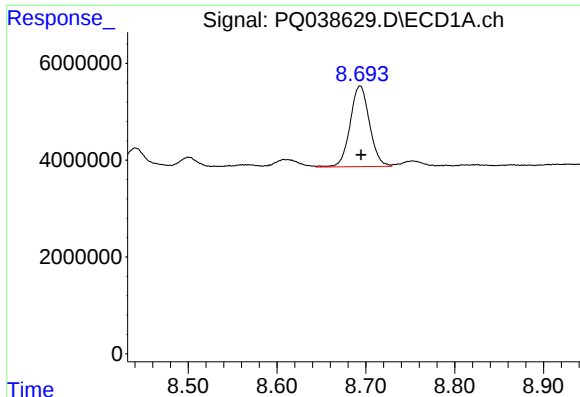
#34 AR-1260-4

R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 15101978
Conc: 56.96 ng/ml



#34 AR-1260-4

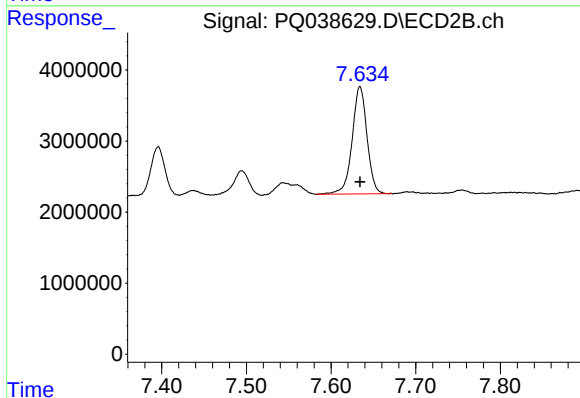
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 7783993
Conc: 46.14 ng/ml



#35 AR-1260-5

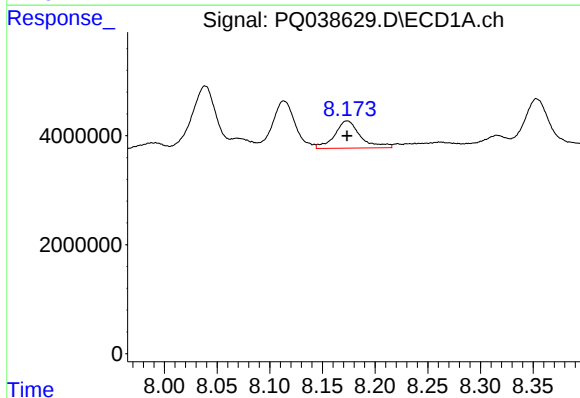
R.T.: 8.693 min
Delta R.T.: -0.001 min
Response: 25188963
Conc: 49.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



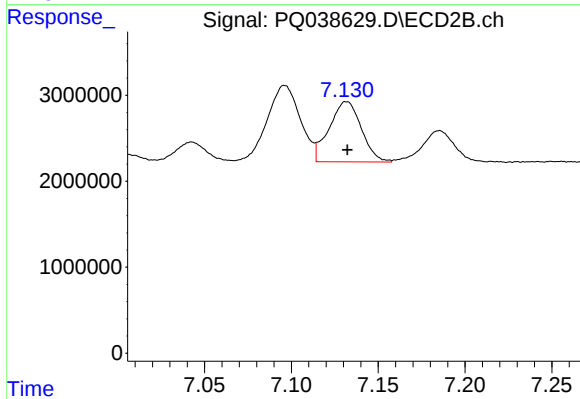
#35 AR-1260-5

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 18452709
Conc: 45.66 ng/ml



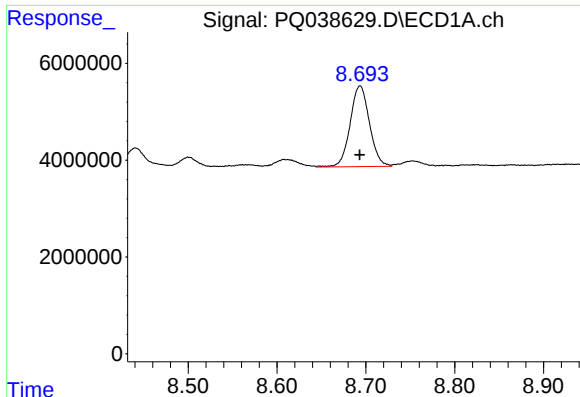
#36 AR-1262-1

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 8558136
Conc: 67.50 ng/ml



#36 AR-1262-1

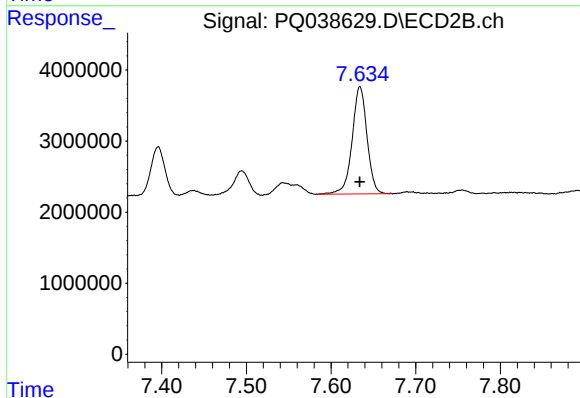
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 9057769
Conc: 37.88 ng/ml



#37 AR-1262-2

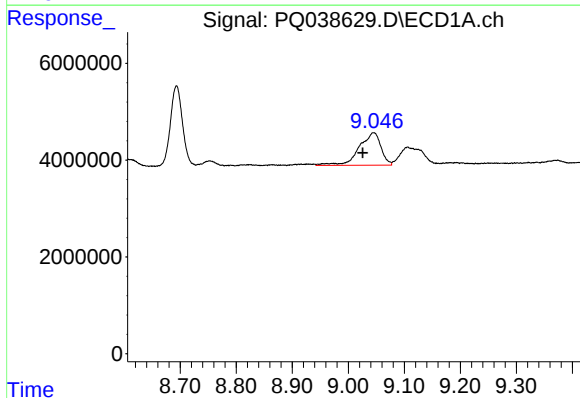
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 25188963
Conc: 48.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



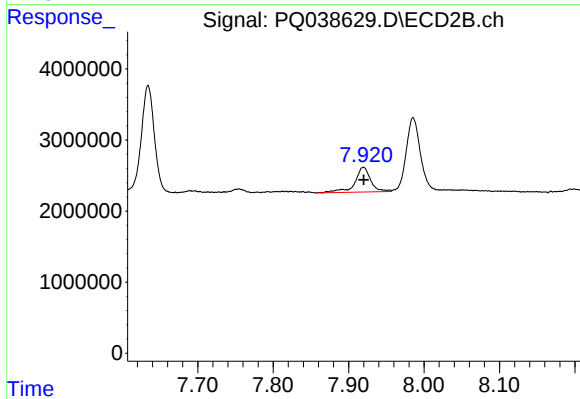
#37 AR-1262-2

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 18452709
Conc: 43.82 ng/ml



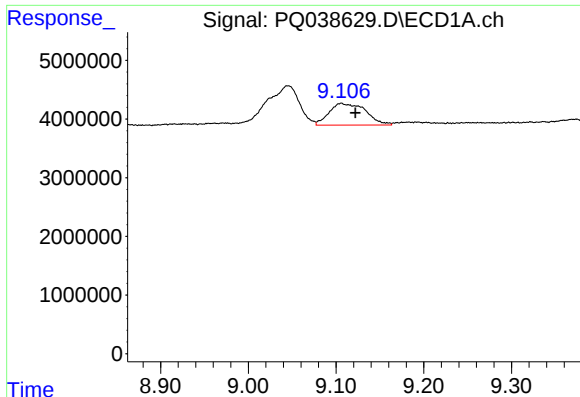
#38 AR-1262-3

R.T.: 9.045 min
Delta R.T.: 0.019 min
Response: 18196934
Conc: 51.93 ng/ml



#38 AR-1262-3

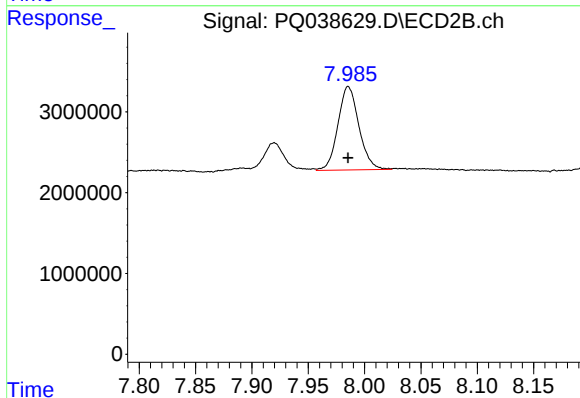
R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 5081022
Conc: 31.84 ng/ml



#39 AR-1262-4

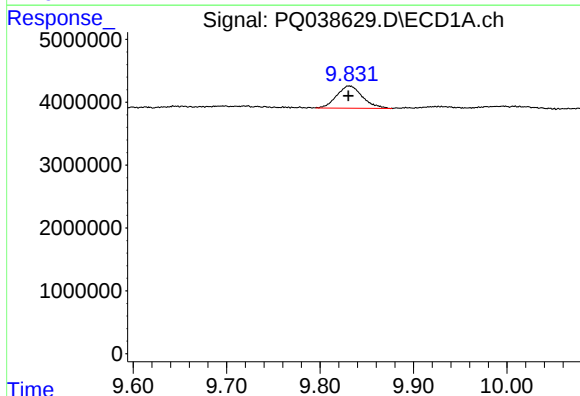
R.T.: 9.106 min
Delta R.T.: -0.016 min
Response: 10768059
Conc: 37.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



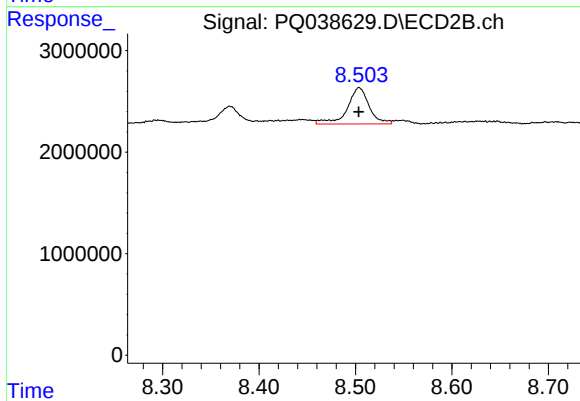
#39 AR-1262-4

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 13388178
Conc: 43.96 ng/ml



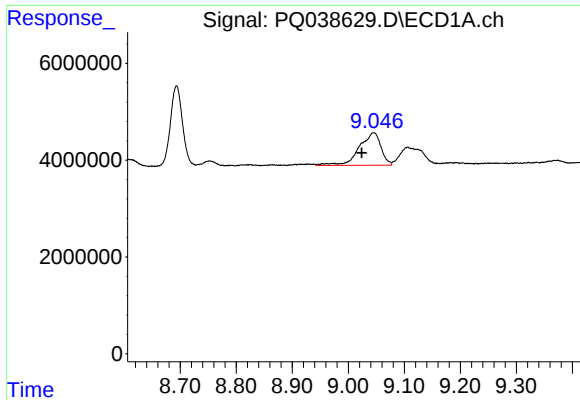
#40 AR-1262-5

R.T.: 9.831 min
Delta R.T.: 0.001 min
Response: 6822926
Conc: 37.66 ng/ml



#40 AR-1262-5

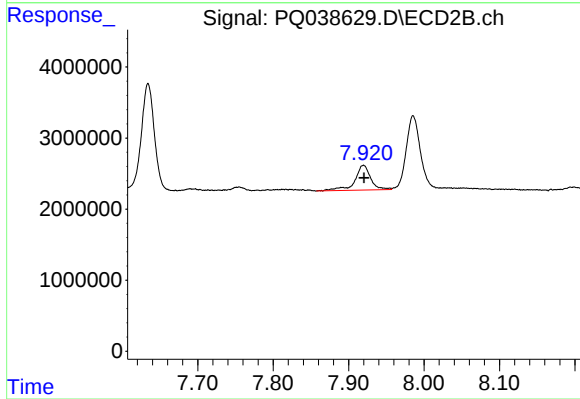
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 5626895
Conc: 42.20 ng/ml



#41 AR-1268-1

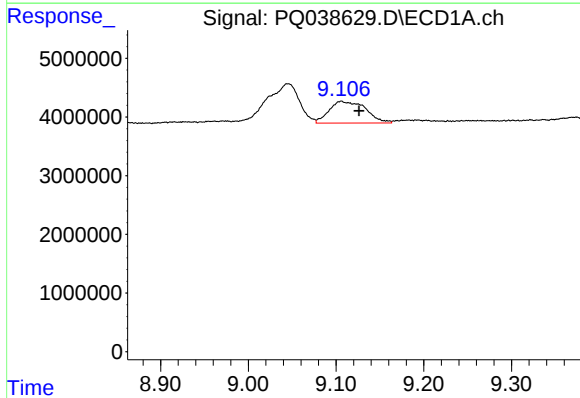
R.T.: 9.045 min
Delta R.T.: 0.021 min
Response: 18196934
Conc: 28.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



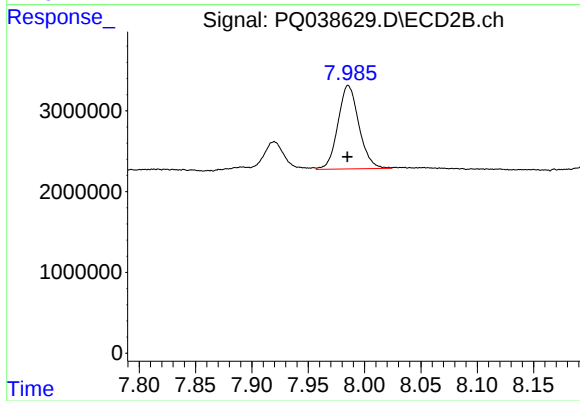
#41 AR-1268-1

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 5081022
Conc: 10.74 ng/ml



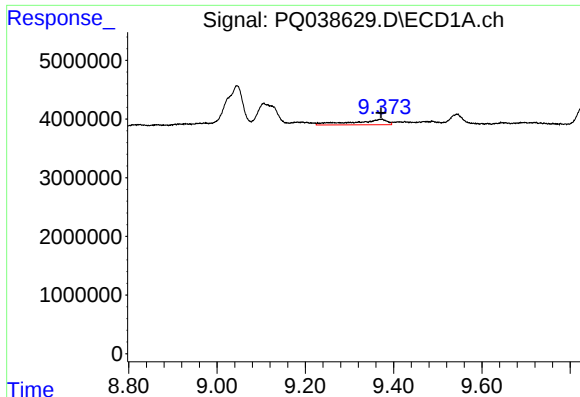
#42 AR-1268-2

R.T.: 9.106 min
Delta R.T.: -0.020 min
Response: 10768059
Conc: 17.55 ng/ml



#42 AR-1268-2

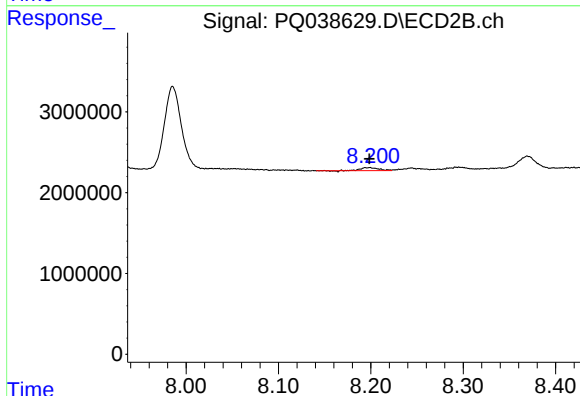
R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 13388178
Conc: 30.67 ng/ml



#43 AR-1268-3

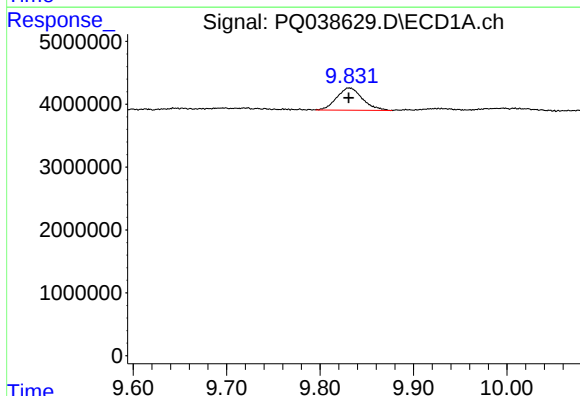
R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 4815906
Conc: 9.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



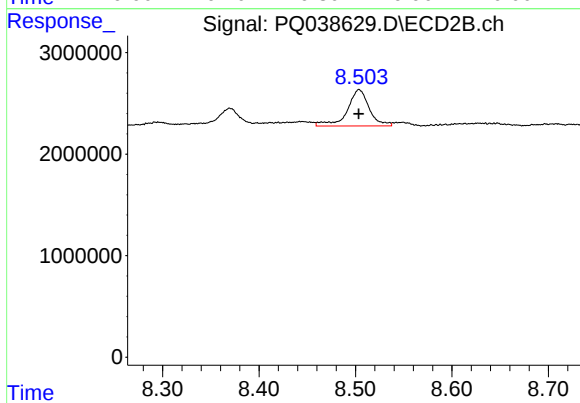
#43 AR-1268-3

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 472519
Conc: 1.33 ng/ml



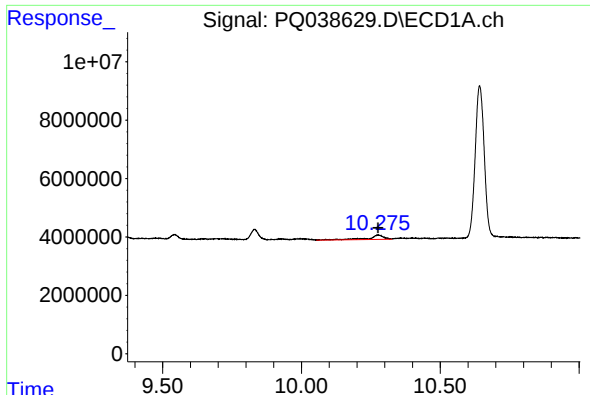
#44 AR-1268-4

R.T.: 9.831 min
Delta R.T.: 0.000 min
Response: 6822926
Conc: 31.19 ng/ml



#44 AR-1268-4

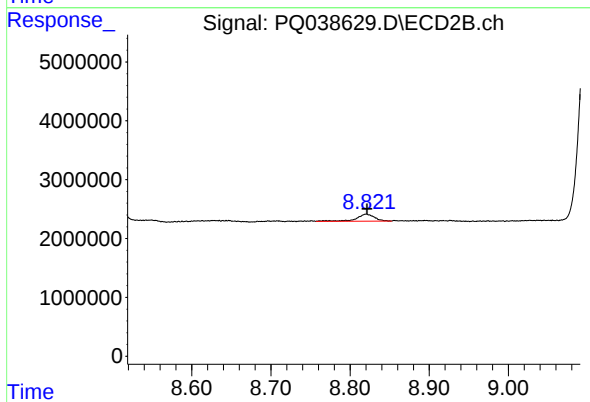
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 5626895
Conc: 37.52 ng/ml



#45 AR-1268-5

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 5827876
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.820 min
Delta R.T.: -0.001 min
Response: 1843476
Conc: 1.60 ng/ml