

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040319\
 Data File : PQ038657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2019 21:55
 Operator : AJ\SJ
 Sample : K1560-02
 Misc : AR1660 LOQ 100 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:39:34 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...	4.705	3.986	165.1E6	86115072	22.318	21.014
2)	SA Decachlor...	10.641	9.103	117.0E6	61665180	22.467	19.783
Target Compounds							
3)	L1 AR-1016-1	5.884	5.086	26527882	13793814	115.933	98.812
4)	L1 AR-1016-2	5.907	5.105	37829076	19323287	112.483	96.454
5)	L1 AR-1016-3	5.969	5.286	24795057	9600692	123.559	104.058
6)	L1 AR-1016-4	6.070	5.323	21205386	8139862	128.858	101.625
7)	L1 AR-1016-5	6.365	5.542	19264665	10307375	121.779	100.575
8)	L2 AR-1221-1	4.908	4.200	3628667	1414731	51.471	35.068 #
9)	L2 AR-1221-2	5.002	4.290	6018063	3027491	120.025	102.936
10)	L2 AR-1221-3	5.079	4.366	15383395	7992973	95.967	83.043
11)	L3 AR-1232-1	5.079	4.366	15383395	7992973	115.710	100.672
12)	L3 AR-1232-2	5.615	5.105	19735070	19323287	305.311	261.905
13)	L3 AR-1232-3	5.907	5.286	37829076	9600692	294.427	282.178
14)	L3 AR-1232-4	6.070	5.366	21205386	9887865	324.958	299.615
15)	L3 AR-1232-5	6.157	5.542	18011662	10307375	364.932	296.492
16)	L4 AR-1242-1	5.884	5.086	26527882	13793814	165.310	141.198
17)	L4 AR-1242-2	5.907	5.105	37829076	19323287	160.392	137.786
18)	L4 AR-1242-3	5.969	5.286	24795057	9600692	170.493	144.239
19)	L4 AR-1242-4	6.070	5.366	21205386	9887865	177.411	144.294
20)	L4 AR-1242-5	6.810	5.895	5152571	10282402	46.057	118.818 #
21)	L5 AR-1248-1	5.884	5.086	26527882	13793814	226.450	193.224
22)	L5 AR-1248-2	6.157	5.323	18011662	8139862	112.688	88.610
23)	L5 AR-1248-3	6.365	5.366	19264665	9887865	112.160	104.964
24)	L5 AR-1248-4	6.769	5.542	5465121	10307375	30.811	89.817 #
25)	L5 AR-1248-5	6.810	5.937	5152571	2435946	30.376	22.486 #
26)	L6 AR-1254-1	6.743	5.895	16199841	10282402	82.555	55.715 #
27)	L6 AR-1254-2	6.960	6.040	13730102	7128176	47.313	45.575
28)	L6 AR-1254-3	7.332	6.463	5991130	16693632	20.024	64.310 #
29)	L6 AR-1254-4	7.618	6.676	3729236	1005000	18.731	5.912 #
30)	L6 AR-1254-5	8.038	7.096	41184620	24799943	155.919	117.551
31)	L7 AR-1260-1	7.495	6.579	31673537	19994321	124.638	110.673
32)	L7 AR-1260-2	7.751	6.764	36577162	23491352	123.254	107.993
33)	L7 AR-1260-3	8.113	6.923	27143208	21732655	118.540	106.604
34)	L7 AR-1260-4	8.353	7.395	30082378	17106010	113.468	101.400
35)	L7 AR-1260-5	8.693	7.634	56401292	38093656	111.012	94.270
36)	L8 AR-1262-1	8.173	7.132	13775142	18796759	108.654	78.601 #
37)	L8 AR-1262-2	8.693	7.634	56401292	38093656	109.507	90.469
38)	L8 AR-1262-3	9.047	7.920	35152813	8207562	100.309	51.434 #
39)	L8 AR-1262-4	9.105	7.985	25766209	27982151	89.194	91.879
40)	L8 AR-1262-5	9.830	8.504	15274361	8832686	84.316	66.241
41)	L9 AR-1268-1	9.047	7.920	35152813	8207562	55.844	17.355 #

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 Operator : AJ\SJ
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 Misc : AR1660 LOQ 100 PPB
 ALS Vial : 32 Sample Multiplier: 1

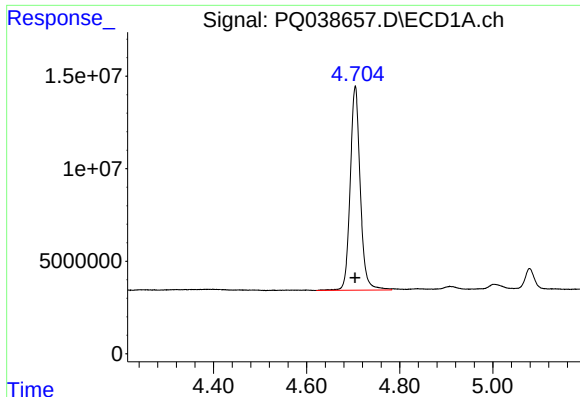
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 03:39:34 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
42) L9	AR-1268-2	9.105	7.985	25766209	27982151	41.994	64.102 #
43) L9	AR-1268-3	9.369	8.198	1511382	1044741	2.996	2.931
44) L9	AR-1268-4	9.830	8.504	15274361	8832686	69.835	58.888
45) L9	AR-1268-5	10.276	8.821	6800253	3091362	3.959	2.676 #

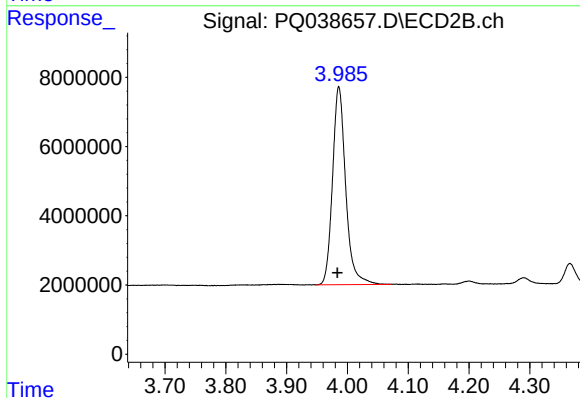
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

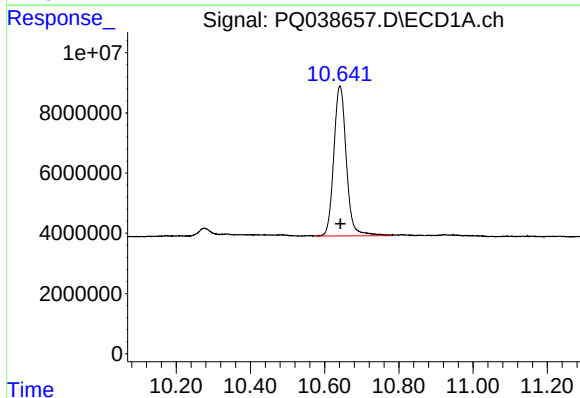
R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 165085144
Conc: 22.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



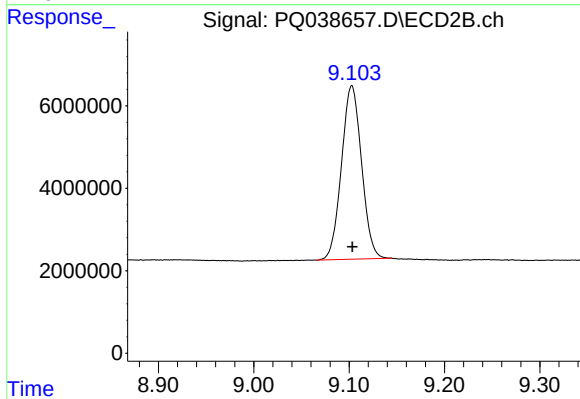
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: 0.002 min
Response: 86115072
Conc: 21.01 ng/ml



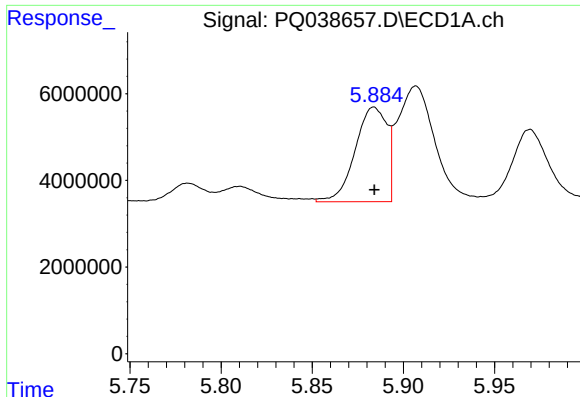
#2 Decachlorobiphenyl

R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 116959919
Conc: 22.47 ng/ml



#2 Decachlorobiphenyl

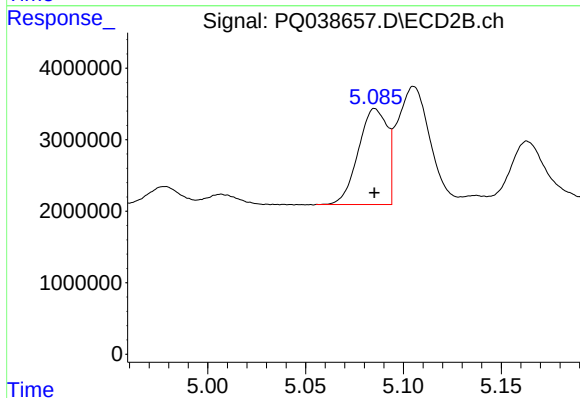
R.T.: 9.103 min
Delta R.T.: 0.000 min
Response: 61665180
Conc: 19.78 ng/ml



#3 AR-1016-1

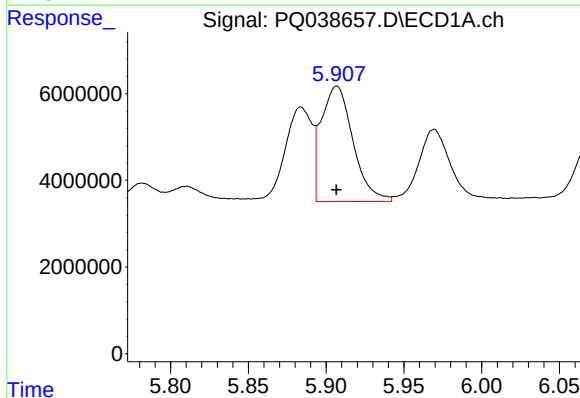
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 26527882
Conc: 115.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



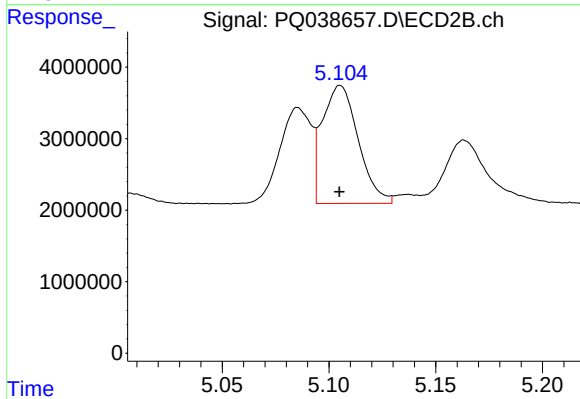
#3 AR-1016-1

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 13793814
Conc: 98.81 ng/ml



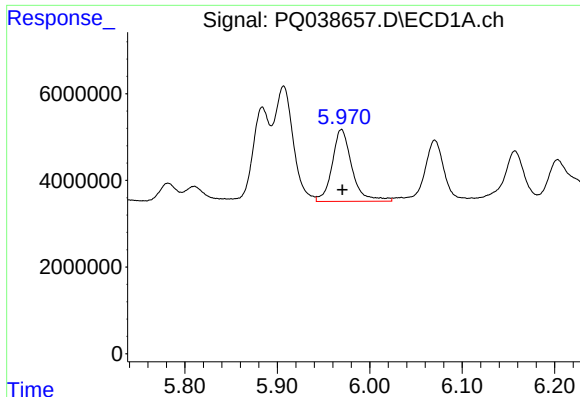
#4 AR-1016-2

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 37829076
Conc: 112.48 ng/ml



#4 AR-1016-2

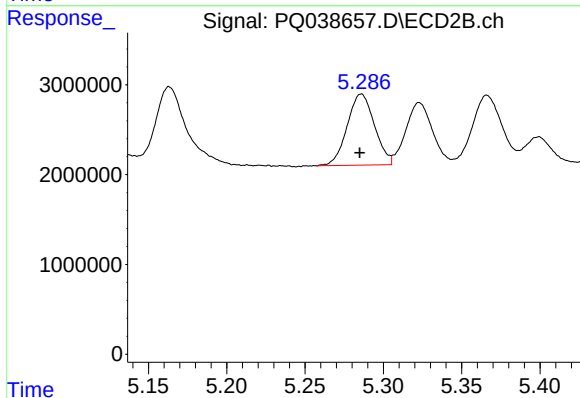
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 19323287
Conc: 96.45 ng/ml



#5 AR-1016-3

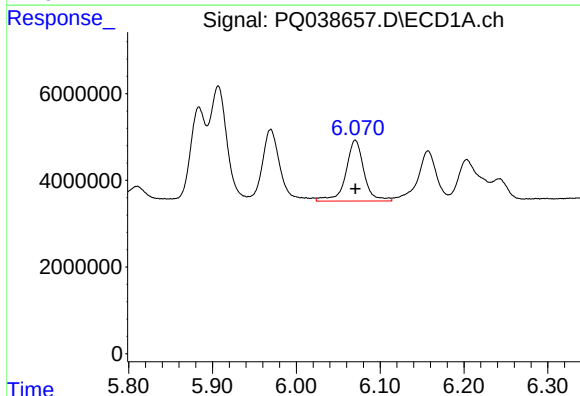
R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 24795057
Conc: 123.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



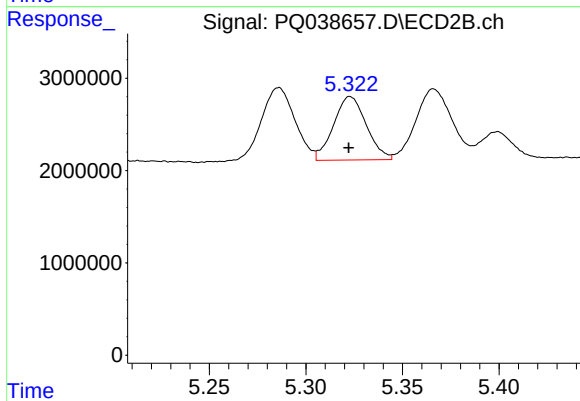
#5 AR-1016-3

R.T.: 5.286 min
Delta R.T.: 0.001 min
Response: 9600692
Conc: 104.06 ng/ml



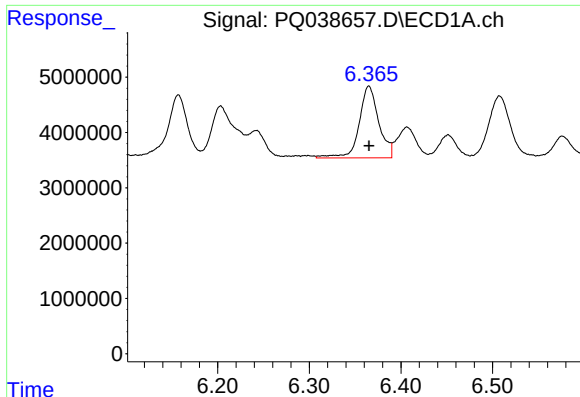
#6 AR-1016-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 21205386
Conc: 128.86 ng/ml



#6 AR-1016-4

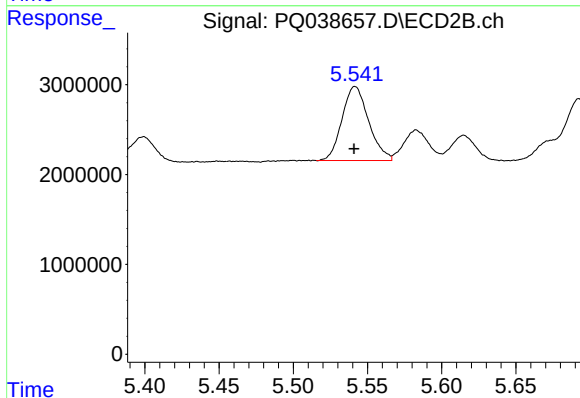
R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 8139862
Conc: 101.63 ng/ml



#7 AR-1016-5

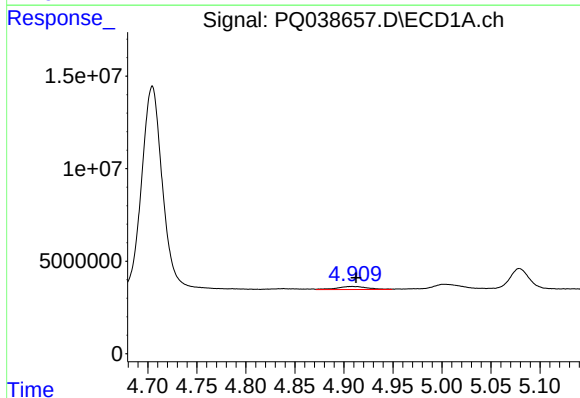
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 19264665
Conc: 121.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



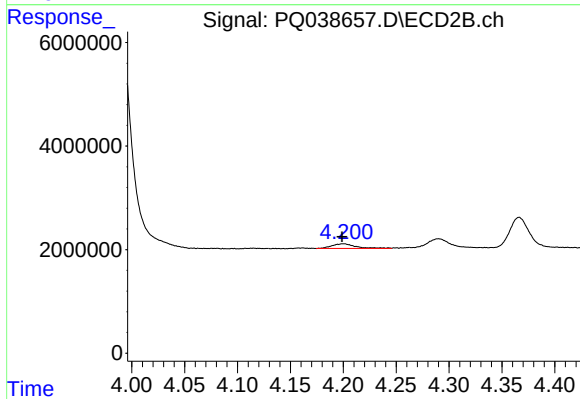
#7 AR-1016-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 10307375
Conc: 100.58 ng/ml



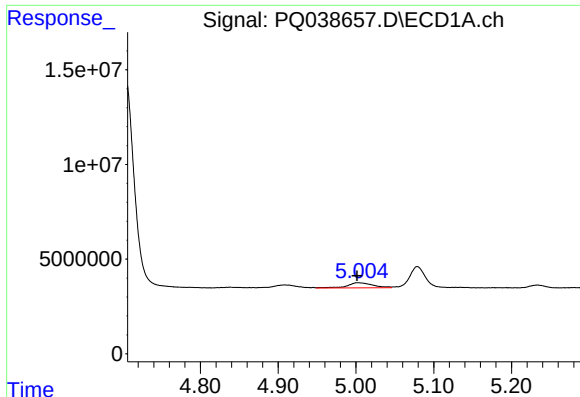
#8 AR-1221-1

R.T.: 4.908 min
Delta R.T.: -0.004 min
Response: 3628667
Conc: 51.47 ng/ml



#8 AR-1221-1

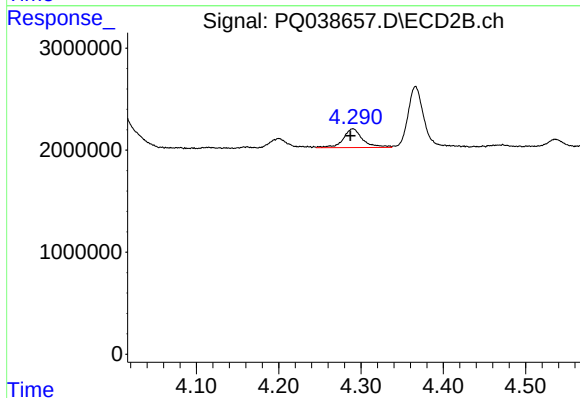
R.T.: 4.200 min
Delta R.T.: 0.001 min
Response: 1414731
Conc: 35.07 ng/ml



#9 AR-1221-2

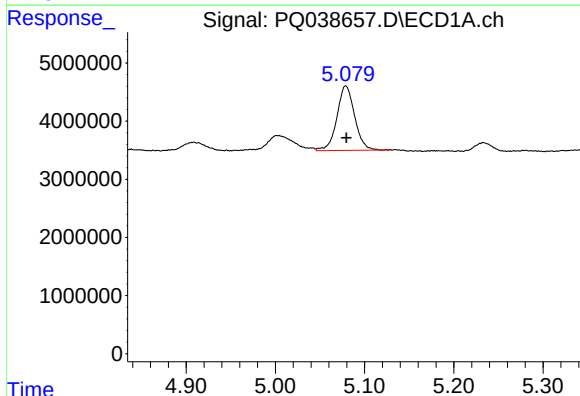
R.T.: 5.002 min
Delta R.T.: 0.001 min
Response: 6018063
Conc: 120.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



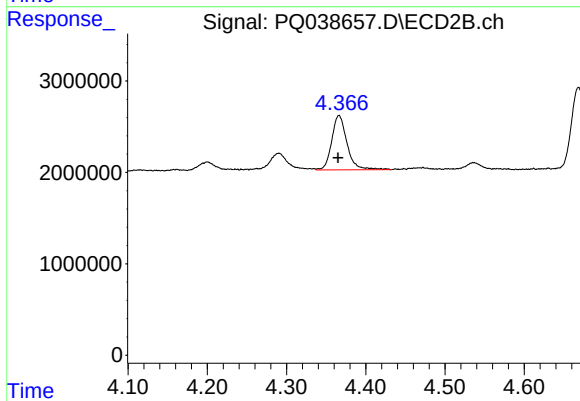
#9 AR-1221-2

R.T.: 4.290 min
Delta R.T.: 0.003 min
Response: 3027491
Conc: 102.94 ng/ml



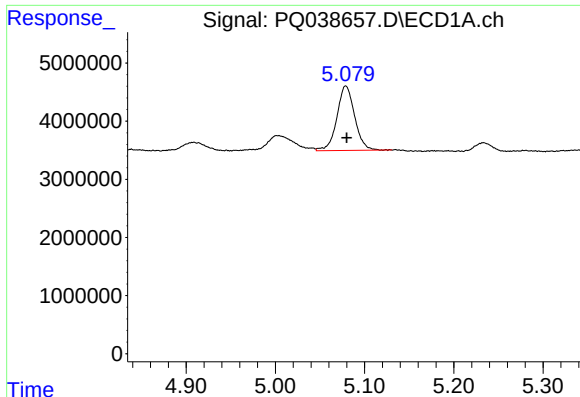
#10 AR-1221-3

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 15383395
Conc: 95.97 ng/ml



#10 AR-1221-3

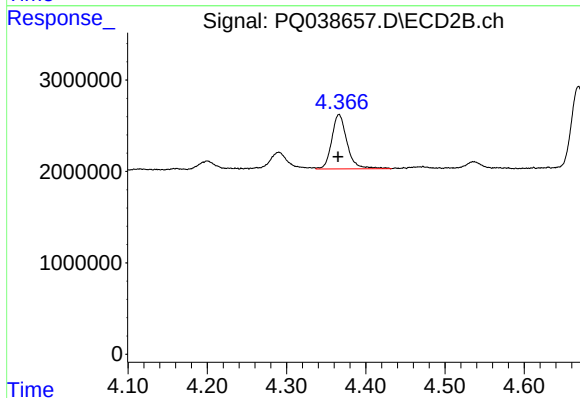
R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 7992973
Conc: 83.04 ng/ml



#11 AR-1232-1

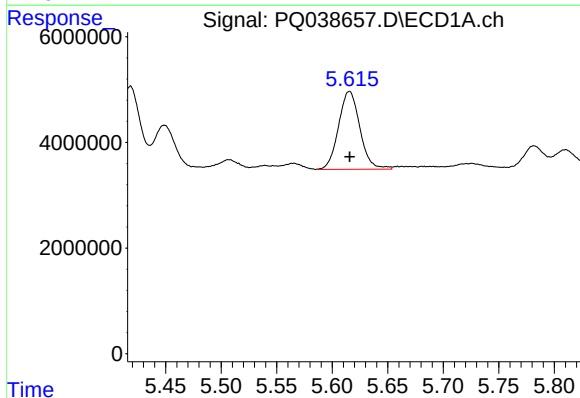
R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 15383395
Conc: 115.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



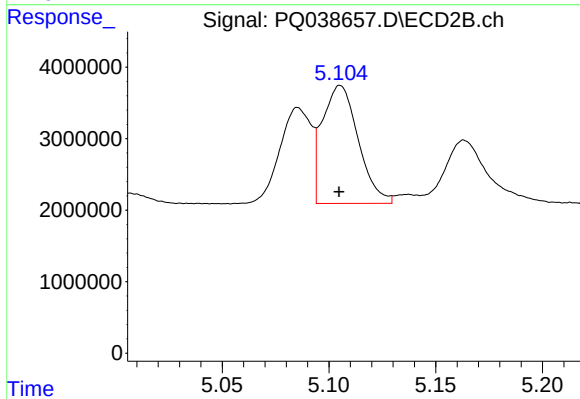
#11 AR-1232-1

R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 7992973
Conc: 100.67 ng/ml



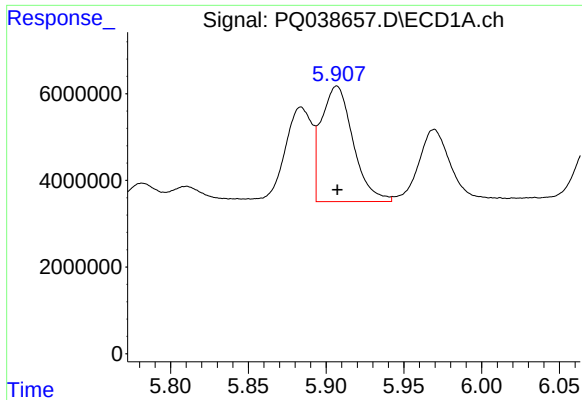
#12 AR-1232-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 19735070
Conc: 305.31 ng/ml



#12 AR-1232-2

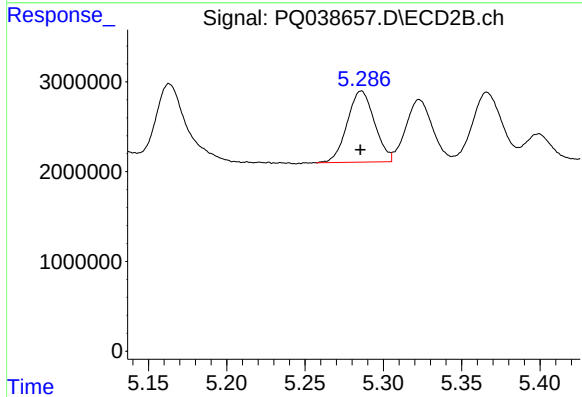
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 19323287
Conc: 261.91 ng/ml



#13 AR-1232-3

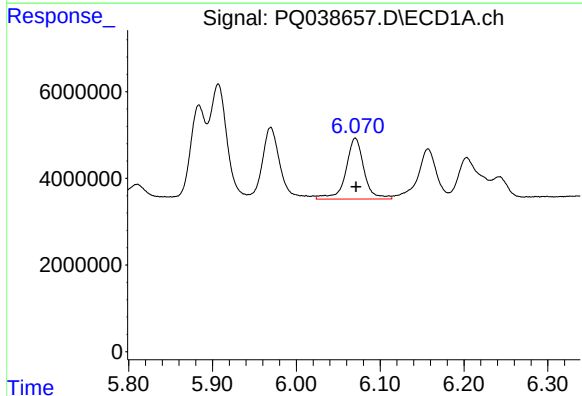
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 37829076
Conc: 294.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



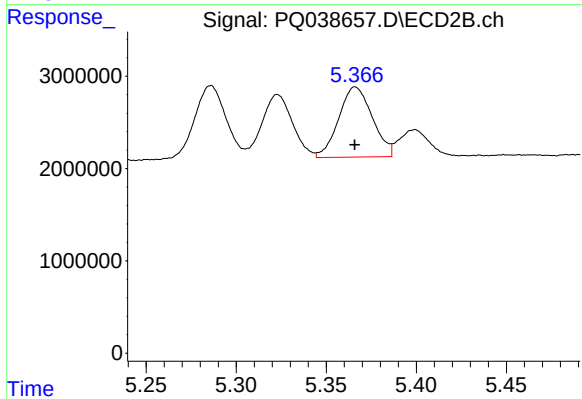
#13 AR-1232-3

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 9600692
Conc: 282.18 ng/ml



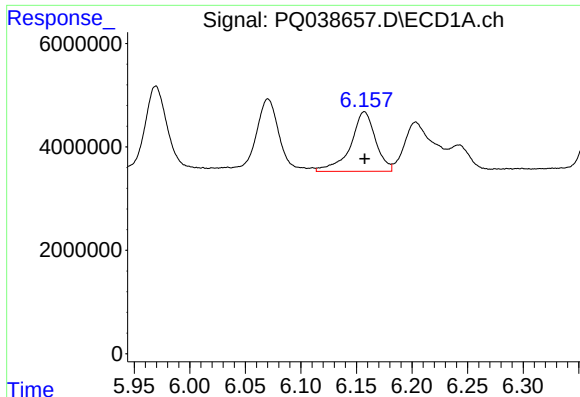
#14 AR-1232-4

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 21205386
Conc: 324.96 ng/ml



#14 AR-1232-4

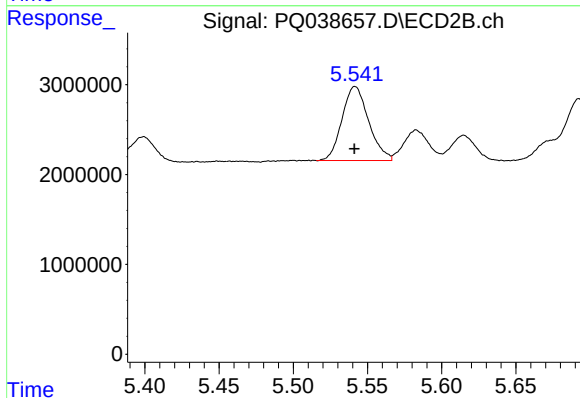
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 9887865
Conc: 299.62 ng/ml



#15 AR-1232-5

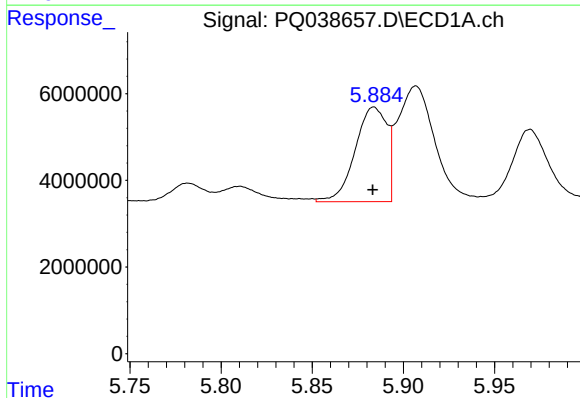
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 18011662
Conc: 364.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



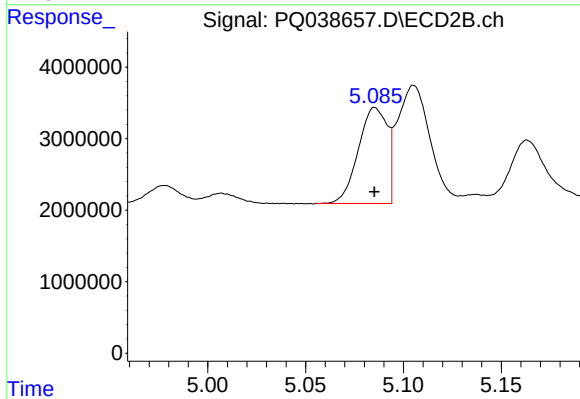
#15 AR-1232-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 10307375
Conc: 296.49 ng/ml



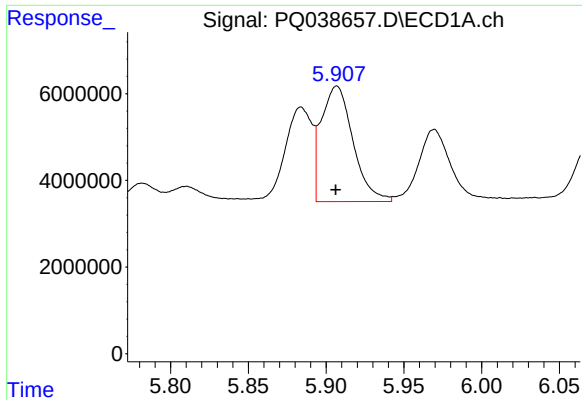
#16 AR-1242-1

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 26527882
Conc: 165.31 ng/ml



#16 AR-1242-1

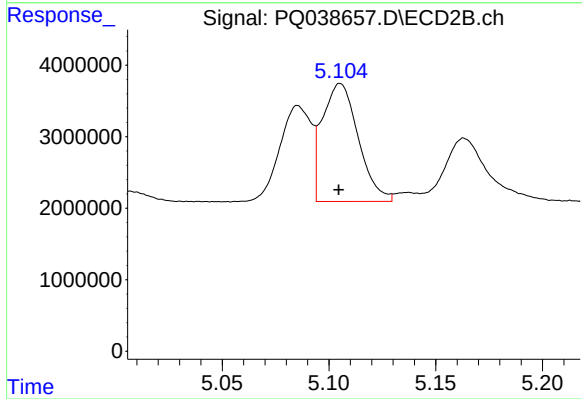
R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 13793814
Conc: 141.20 ng/ml



#17 AR-1242-2

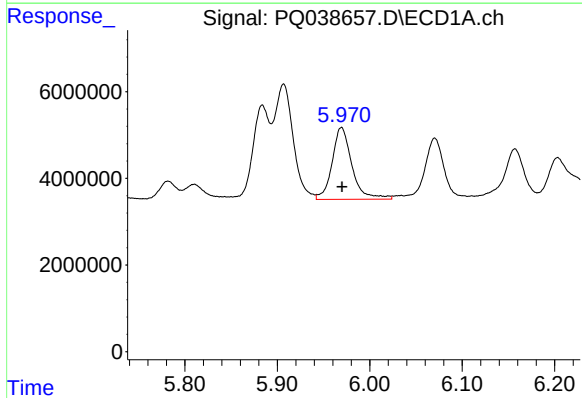
R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 37829076
Conc: 160.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



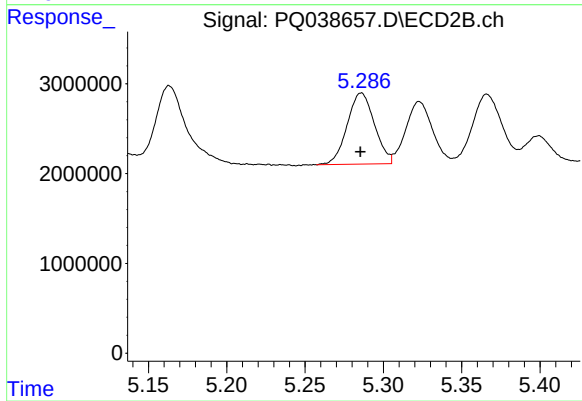
#17 AR-1242-2

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 19323287
Conc: 137.79 ng/ml



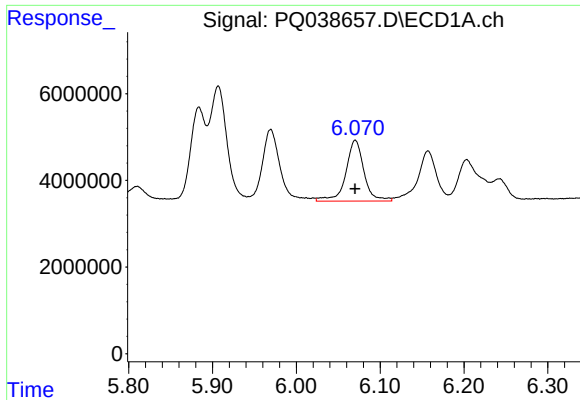
#18 AR-1242-3

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 24795057
Conc: 170.49 ng/ml



#18 AR-1242-3

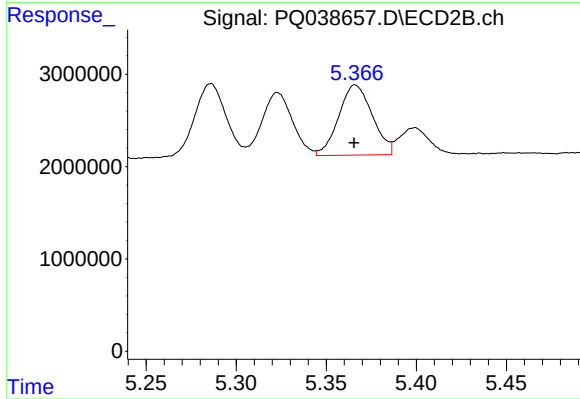
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 9600692
Conc: 144.24 ng/ml



#19 AR-1242-4

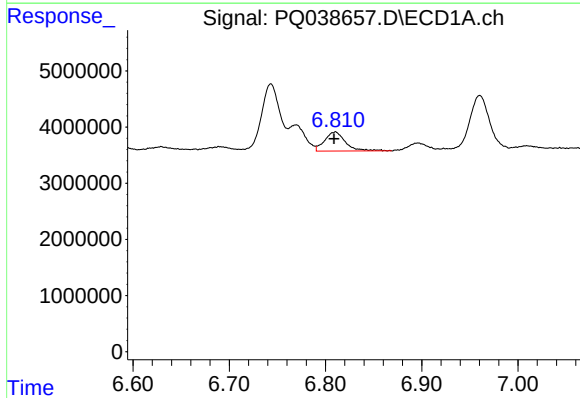
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 21205386
Conc: 177.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



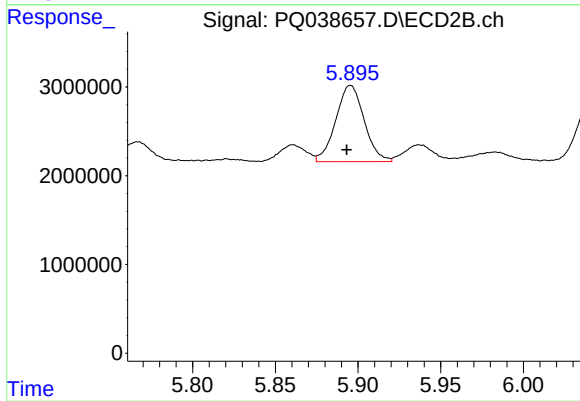
#19 AR-1242-4

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 9887865
Conc: 144.29 ng/ml



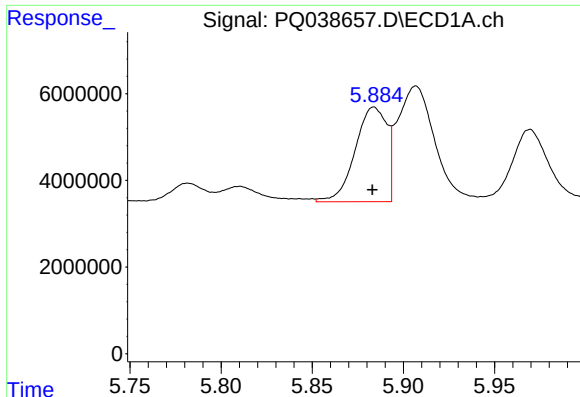
#20 AR-1242-5

R.T.: 6.810 min
Delta R.T.: 0.001 min
Response: 5152571
Conc: 46.06 ng/ml



#20 AR-1242-5

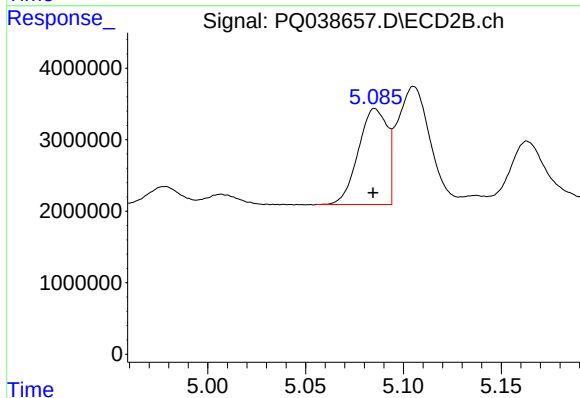
R.T.: 5.895 min
Delta R.T.: 0.002 min
Response: 10282402
Conc: 118.82 ng/ml



#21 AR-1248-1

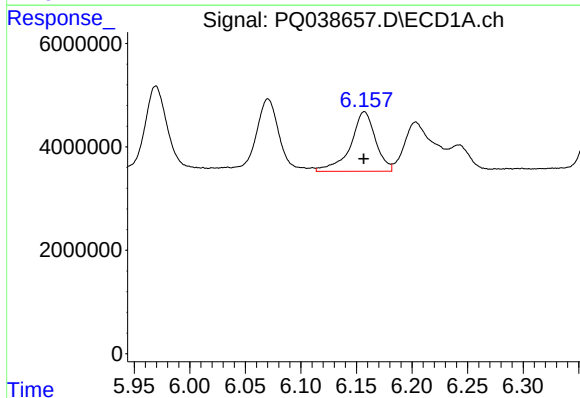
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 26527882
Conc: 226.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



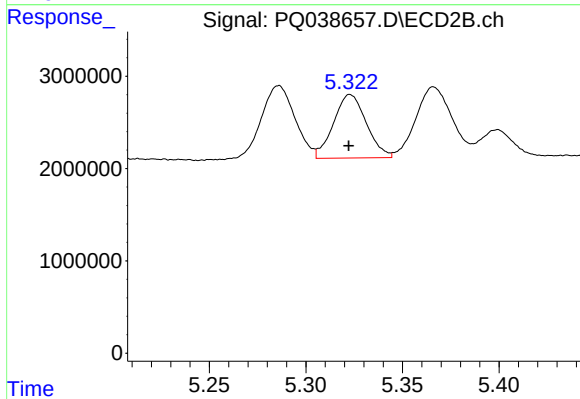
#21 AR-1248-1

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 13793814
Conc: 193.22 ng/ml



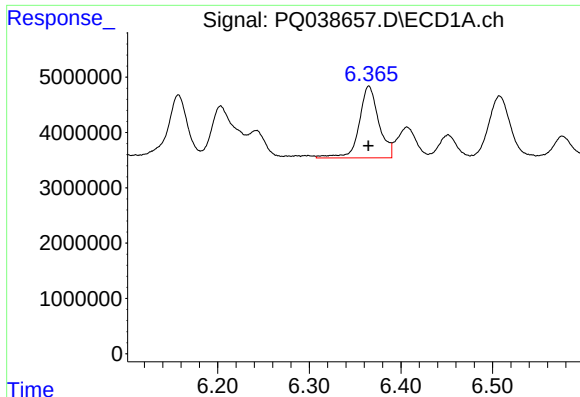
#22 AR-1248-2

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 18011662
Conc: 112.69 ng/ml



#22 AR-1248-2

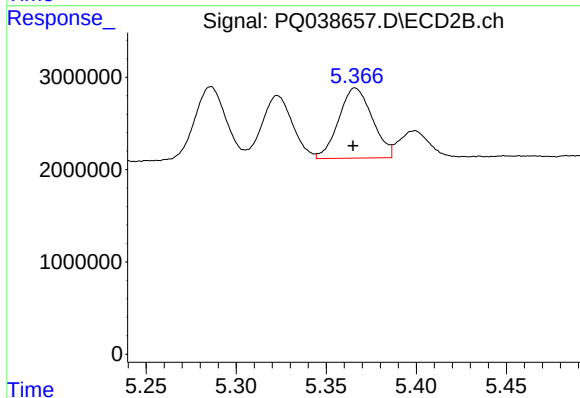
R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 8139862
Conc: 88.61 ng/ml



#23 AR-1248-3

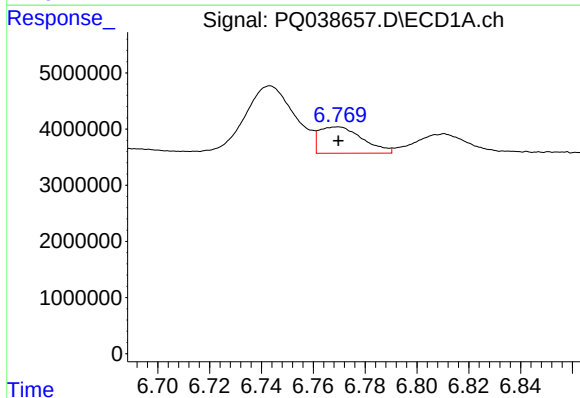
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 19264665
Conc: 112.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



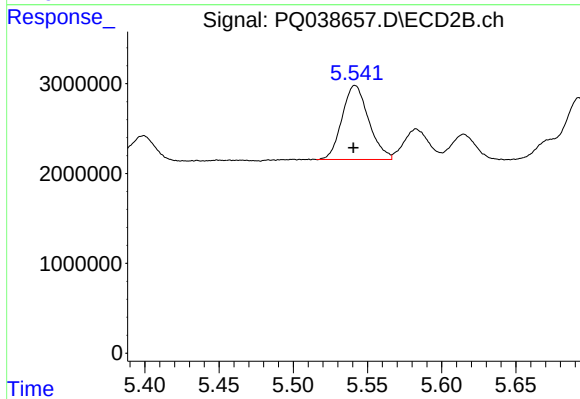
#23 AR-1248-3

R.T.: 5.366 min
Delta R.T.: 0.001 min
Response: 9887865
Conc: 104.96 ng/ml



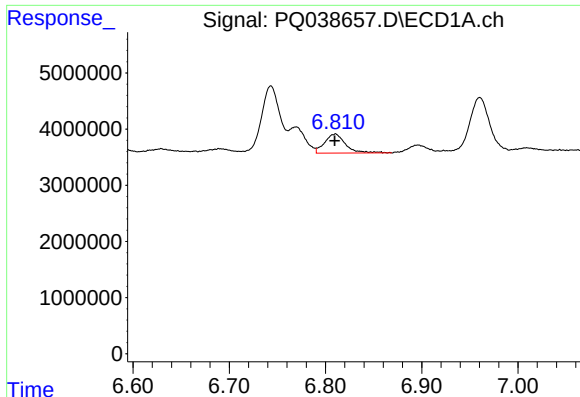
#24 AR-1248-4

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 5465121
Conc: 30.81 ng/ml



#24 AR-1248-4

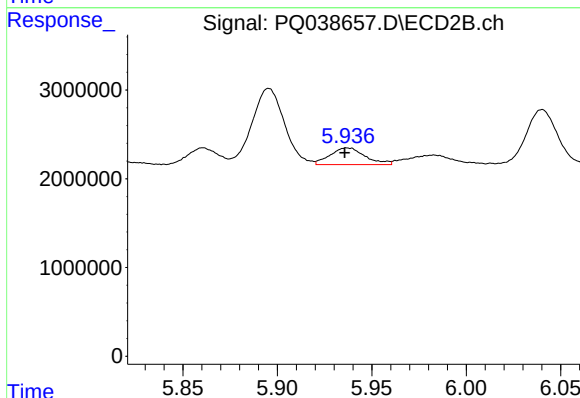
R.T.: 5.542 min
Delta R.T.: 0.001 min
Response: 10307375
Conc: 89.82 ng/ml



#25 AR-1248-5

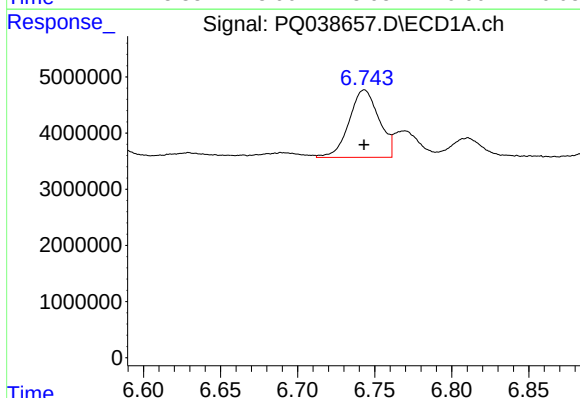
R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 5152571
Conc: 30.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



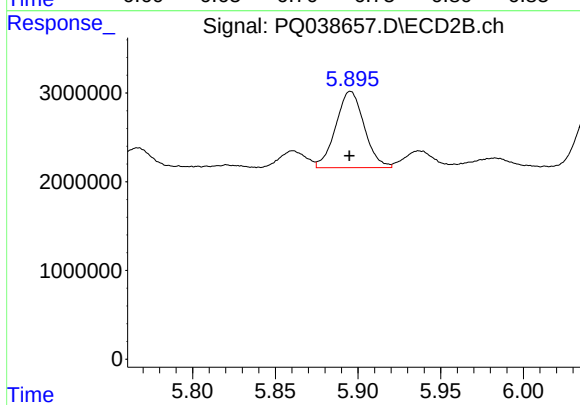
#25 AR-1248-5

R.T.: 5.937 min
Delta R.T.: 0.001 min
Response: 2435946
Conc: 22.49 ng/ml



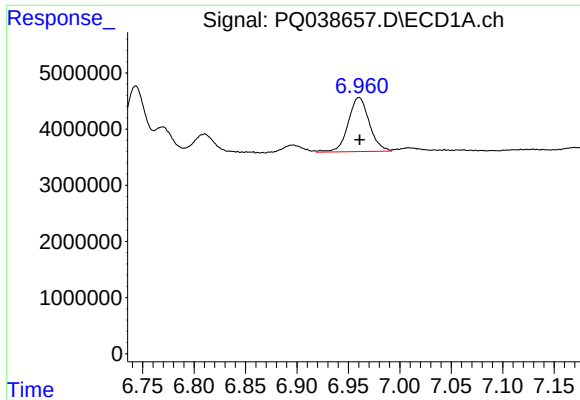
#26 AR-1254-1

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 16199841
Conc: 82.55 ng/ml



#26 AR-1254-1

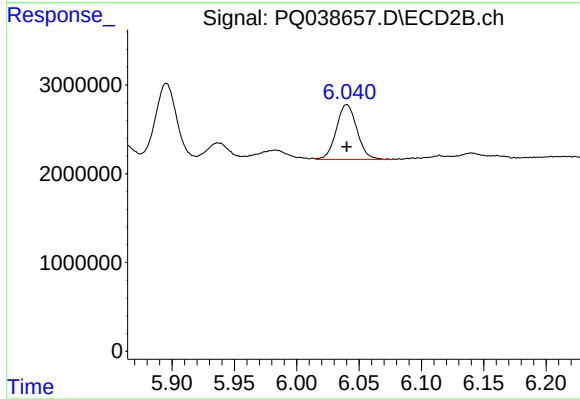
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 10282402
Conc: 55.71 ng/ml



#27 AR-1254-2

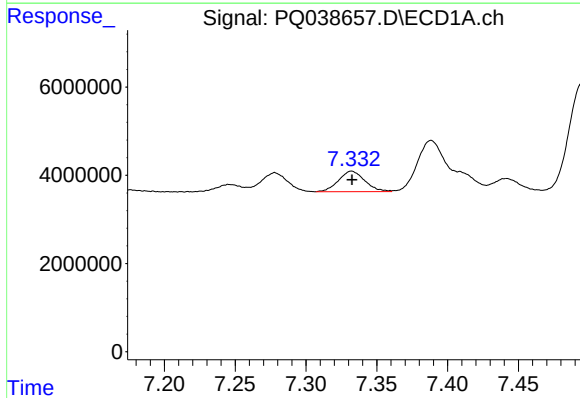
R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 13730102
Conc: 47.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



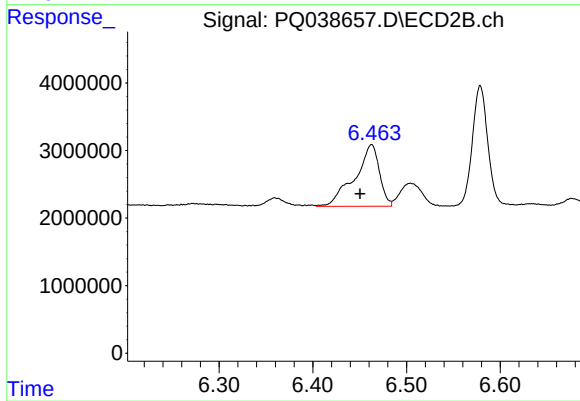
#27 AR-1254-2

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 7128176
Conc: 45.57 ng/ml



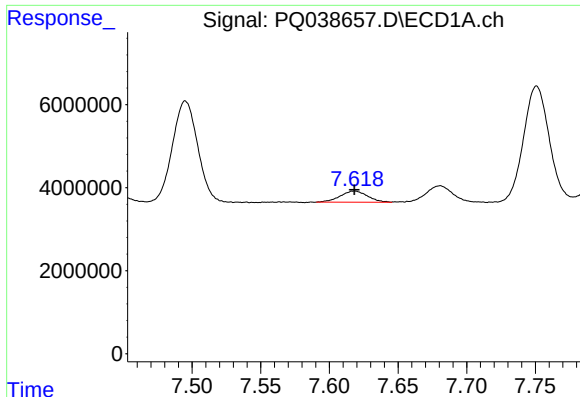
#28 AR-1254-3

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 5991130
Conc: 20.02 ng/ml



#28 AR-1254-3

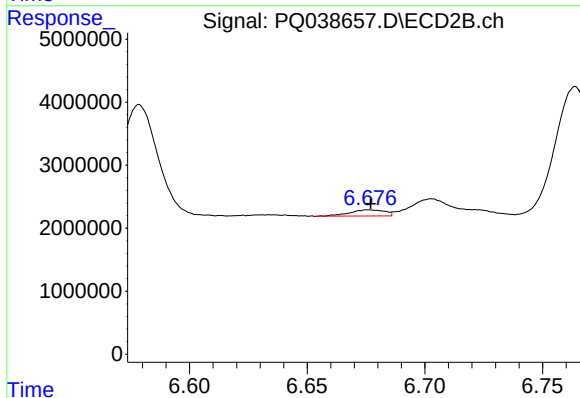
R.T.: 6.463 min
Delta R.T.: 0.012 min
Response: 16693632
Conc: 64.31 ng/ml



#29 AR-1254-4

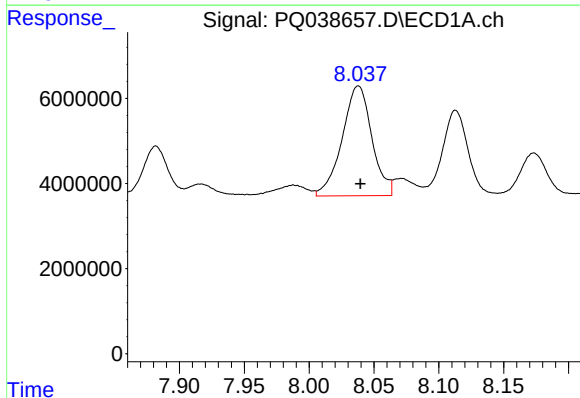
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 3729236
Conc: 18.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



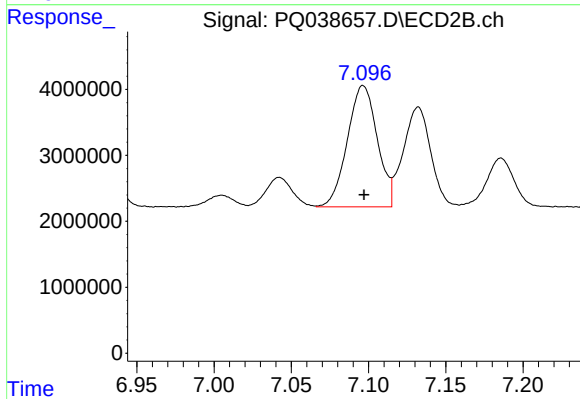
#29 AR-1254-4

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 1005000
Conc: 5.91 ng/ml



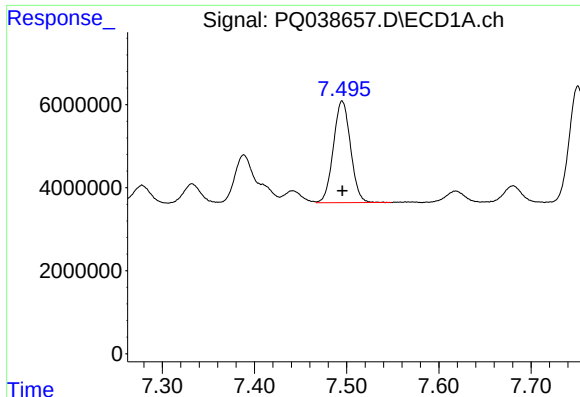
#30 AR-1254-5

R.T.: 8.038 min
Delta R.T.: -0.002 min
Response: 41184620
Conc: 155.92 ng/ml



#30 AR-1254-5

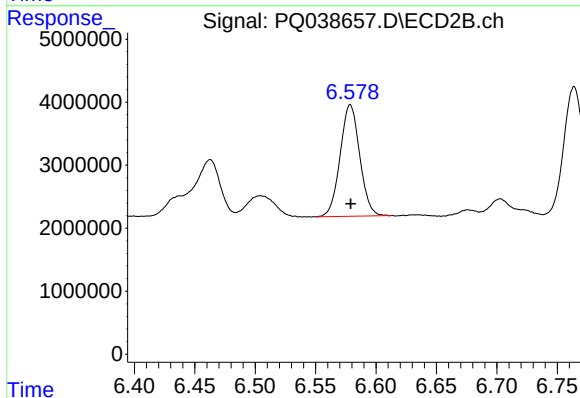
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 24799943
Conc: 117.55 ng/ml



#31 AR-1260-1

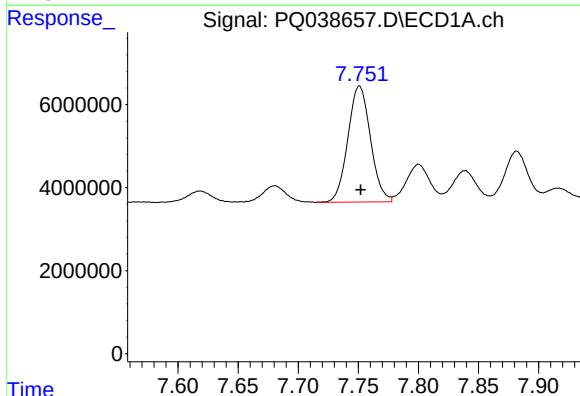
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 31673537
Conc: 124.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



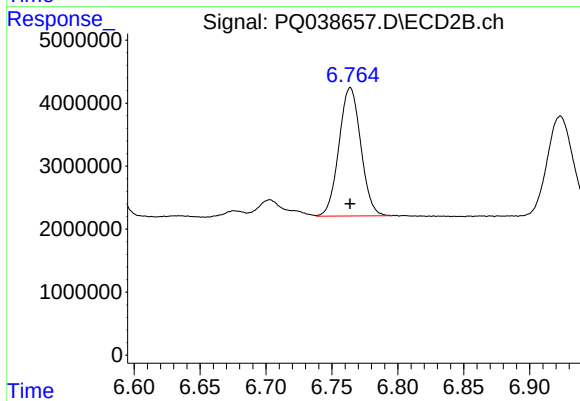
#31 AR-1260-1

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 19994321
Conc: 110.67 ng/ml



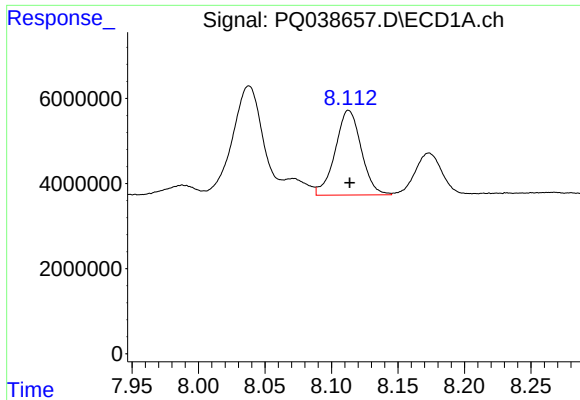
#32 AR-1260-2

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 36577162
Conc: 123.25 ng/ml



#32 AR-1260-2

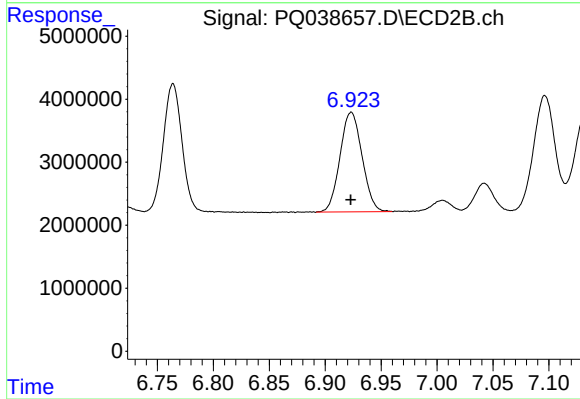
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 23491352
Conc: 107.99 ng/ml



#33 AR-1260-3

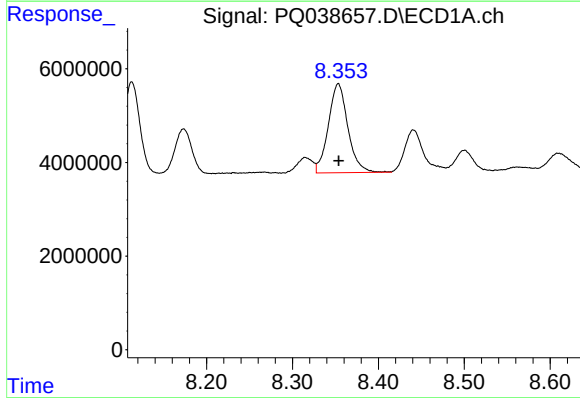
R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 27143208
Conc: 118.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



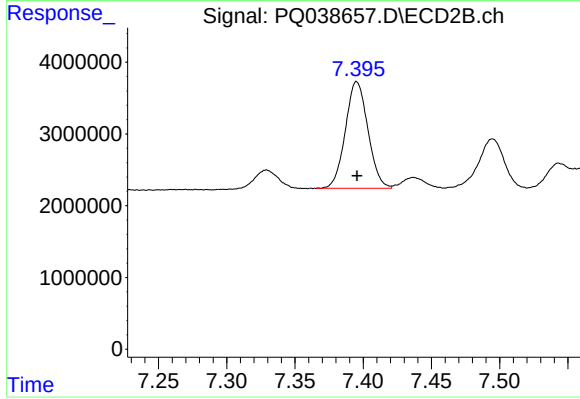
#33 AR-1260-3

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 21732655
Conc: 106.60 ng/ml



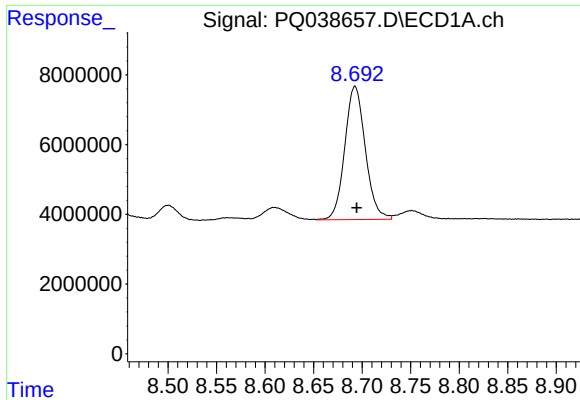
#34 AR-1260-4

R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 30082378
Conc: 113.47 ng/ml



#34 AR-1260-4

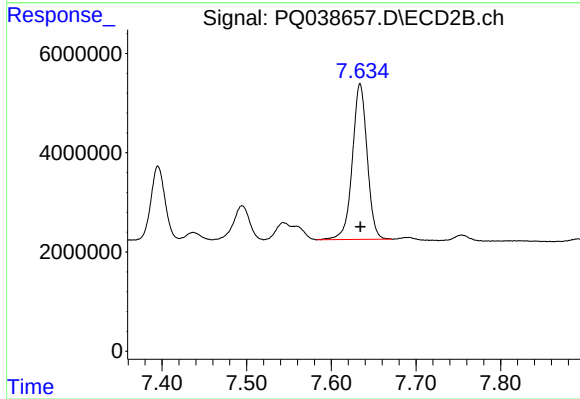
R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 17106010
Conc: 101.40 ng/ml



#35 AR-1260-5

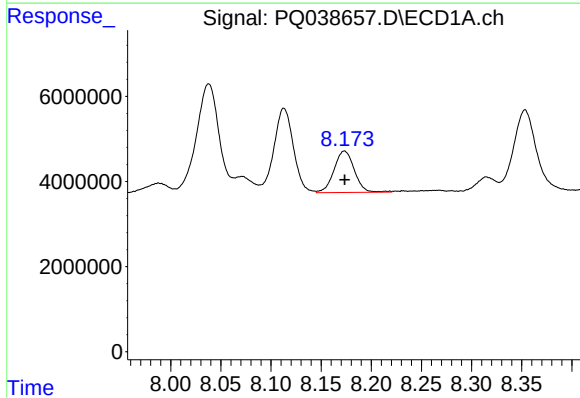
R.T.: 8.693 min
Delta R.T.: -0.002 min
Response: 56401292
Conc: 111.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



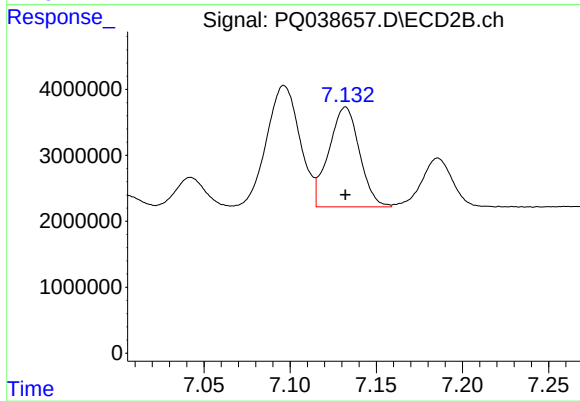
#35 AR-1260-5

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 38093656
Conc: 94.27 ng/ml



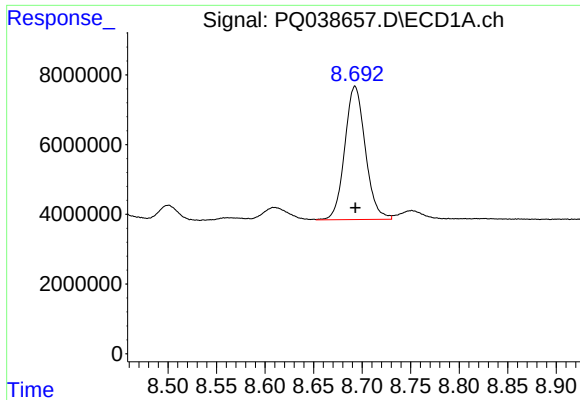
#36 AR-1262-1

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 13775142
Conc: 108.65 ng/ml



#36 AR-1262-1

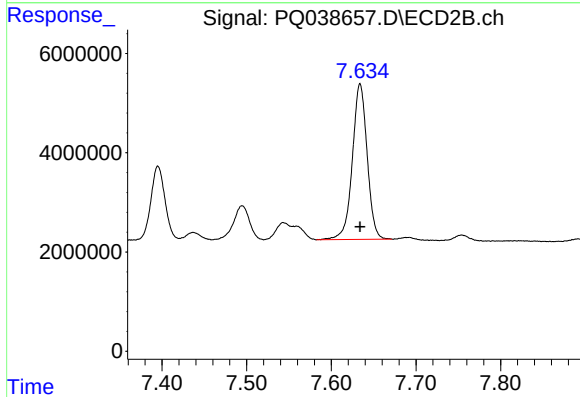
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 18796759
Conc: 78.60 ng/ml



#37 AR-1262-2

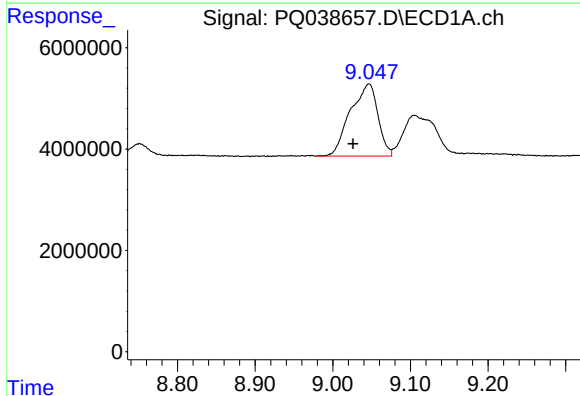
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 56401292
Conc: 109.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



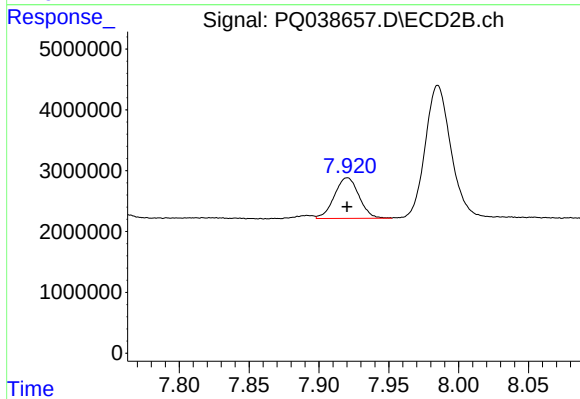
#37 AR-1262-2

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 38093656
Conc: 90.47 ng/ml



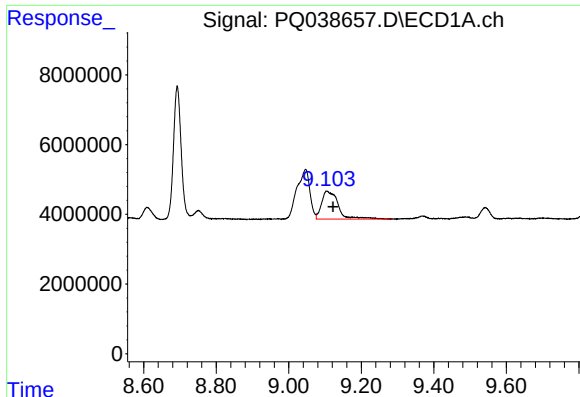
#38 AR-1262-3

R.T.: 9.047 min
Delta R.T.: 0.021 min
Response: 35152813
Conc: 100.31 ng/ml



#38 AR-1262-3

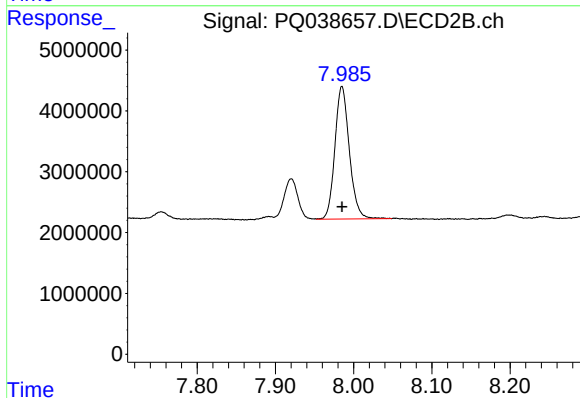
R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 8207562
Conc: 51.43 ng/ml



#39 AR-1262-4

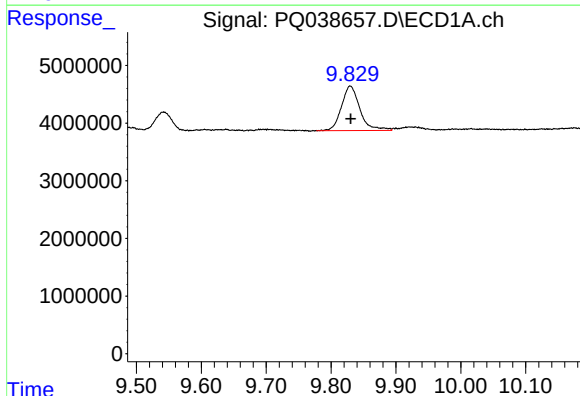
R.T.: 9.105 min
Delta R.T.: -0.017 min
Response: 25766209
Conc: 89.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



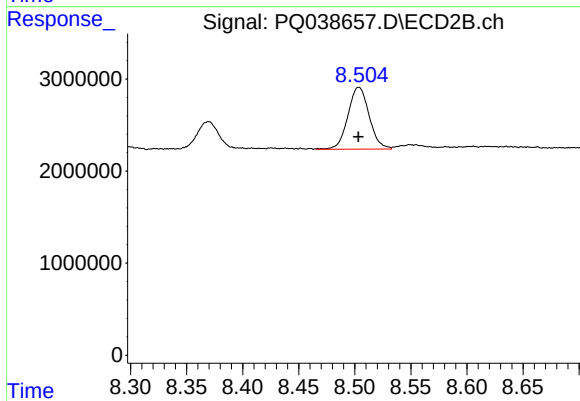
#39 AR-1262-4

R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 27982151
Conc: 91.88 ng/ml



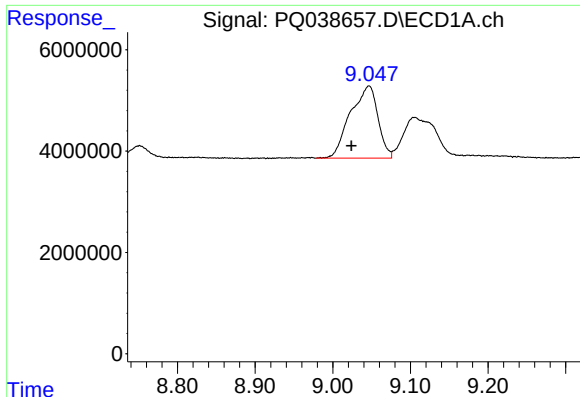
#40 AR-1262-5

R.T.: 9.830 min
Delta R.T.: 0.000 min
Response: 15274361
Conc: 84.32 ng/ml



#40 AR-1262-5

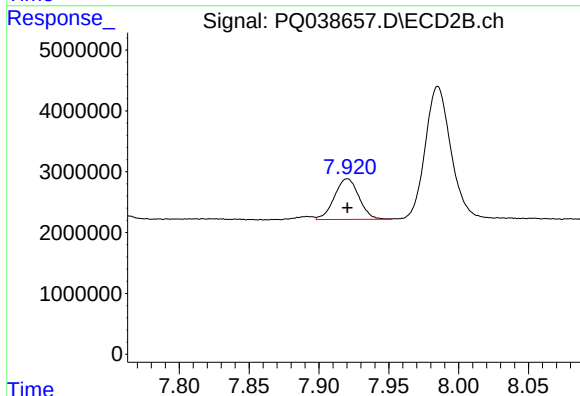
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 8832686
Conc: 66.24 ng/ml



#41 AR-1268-1

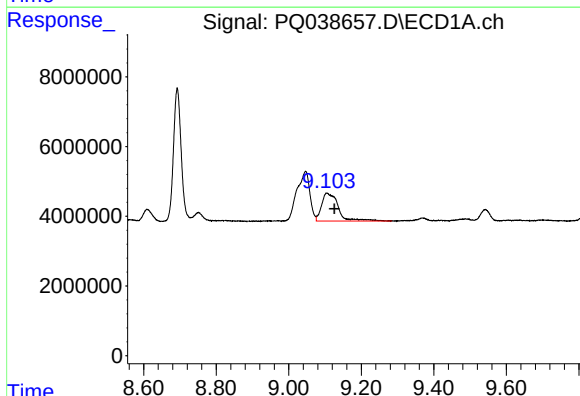
R.T.: 9.047 min
Delta R.T.: 0.023 min
Response: 35152813
Conc: 55.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



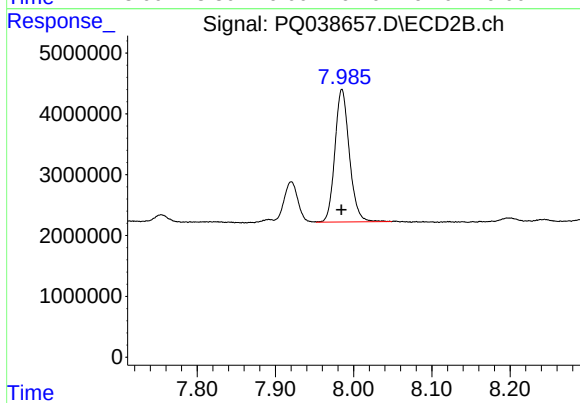
#41 AR-1268-1

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 8207562
Conc: 17.35 ng/ml



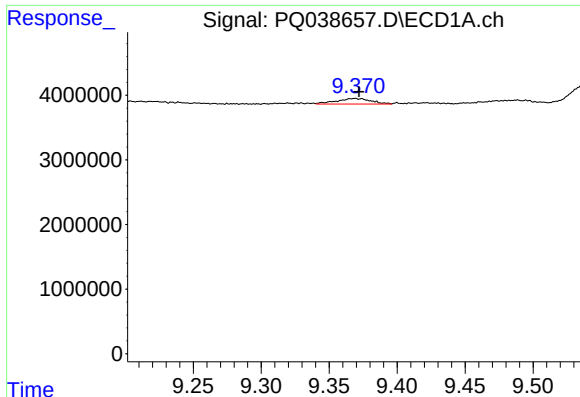
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: -0.021 min
Response: 25766209
Conc: 41.99 ng/ml



#42 AR-1268-2

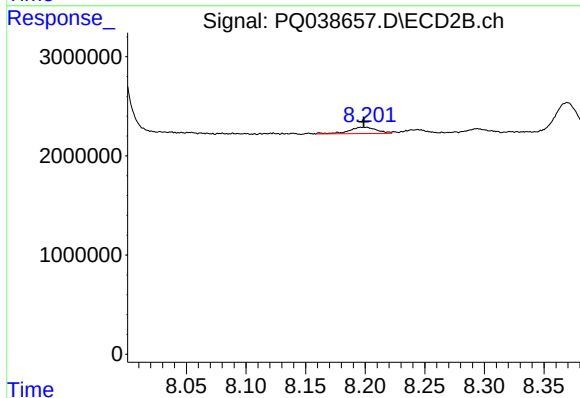
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 27982151
Conc: 64.10 ng/ml



#43 AR-1268-3

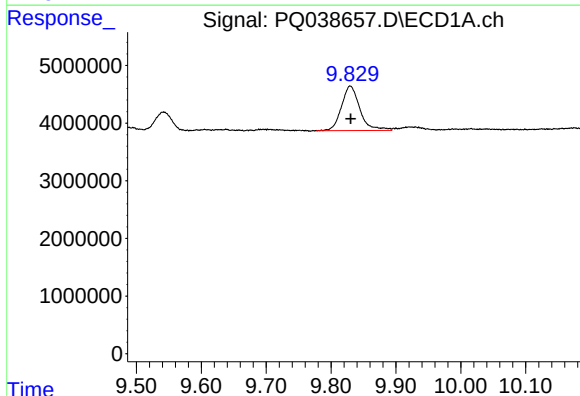
R.T.: 9.369 min
Delta R.T.: -0.003 min
Response: 1511382
Conc: 3.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



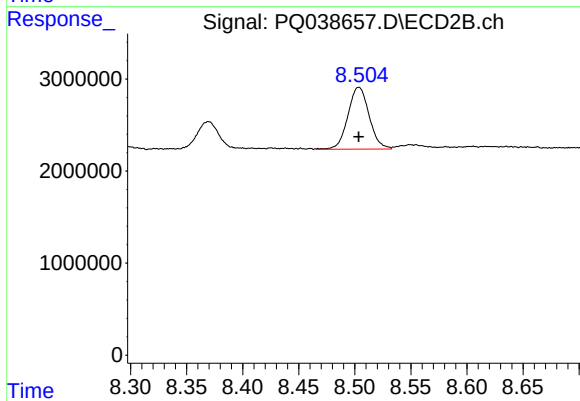
#43 AR-1268-3

R.T.: 8.198 min
Delta R.T.: 0.000 min
Response: 1044741
Conc: 2.93 ng/ml



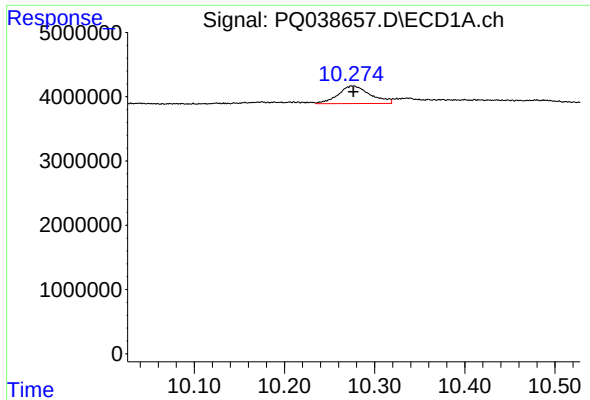
#44 AR-1268-4

R.T.: 9.830 min
Delta R.T.: 0.000 min
Response: 15274361
Conc: 69.84 ng/ml



#44 AR-1268-4

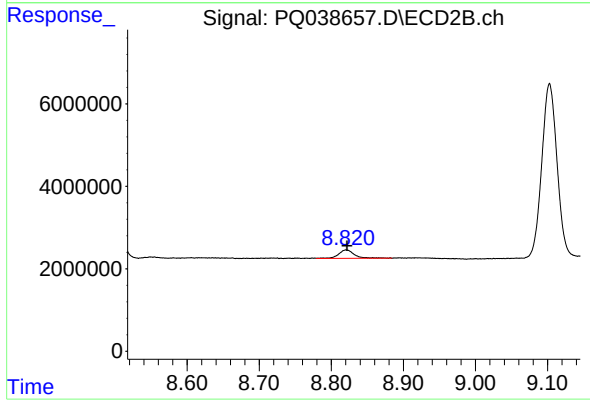
R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 8832686
Conc: 58.89 ng/ml



#45 AR-1268-5

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 6800253
Conc: 3.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 3091362
Conc: 2.68 ng/ml