

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ010821\
 Data File : PQ051633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2021 17:29
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 22:19:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.235	4.255	546.6E6	145.9E6	21.200	19.972
2)	SA Decachlor...	11.435	9.609	687.1E6	215.1E6	37.476	35.374
Target Compounds							
3)	L1 AR-1016-1	6.558	5.514	204.4E6	56857193	241.945	221.792
4)	L1 AR-1016-2	6.583	5.536	244.1E6	57172202	197.057	159.707
5)	L1 AR-1016-3	6.650	5.729	116.3E6	36195329	158.881	196.633
6)	L1 AR-1016-4	6.756	5.778	134.7E6	76528106	219.155	530.320 #
7)	L1 AR-1016-5	7.071	6.008	332.9E6	91650882	559.527	481.698
8)	L2 AR-1221-1	5.481	4.512	2820713	1070007	10.627	13.882 #
9)	L2 AR-1221-2	5.590	4.611	10770846	2973358	58.970	55.599
10)	L2 AR-1221-3	5.672	4.702	15789714	5262459	25.582	28.729
11)	L3 AR-1232-1	5.672	4.702	15789714	5262459	34.301	38.496
12)	L3 AR-1232-2	6.264	5.536	84675800	57172202	343.090	406.536
13)	L3 AR-1232-3	6.583	5.729	244.1E6	36195329	482.336	505.804
14)	L3 AR-1232-4	6.756	5.823	134.7E6	79029427	539.378	1285.492 #
15)	L3 AR-1232-5	6.852	6.008	290.2E6	91650882	1636.004	1428.706
16)	L4 AR-1242-1	6.558	5.514	204.4E6	56857193	290.924	270.427
17)	L4 AR-1242-2	6.583	5.536	244.1E6	57172202	236.873	195.923
18)	L4 AR-1242-3	6.650	5.729	116.3E6	36195329	189.104	239.887 #
19)	L4 AR-1242-4	6.756	5.823	134.7E6	79029427	262.091	545.911 #
20)	L4 AR-1242-5	7.540	6.388	374.4E6	140.7E6	679.217	736.125
21)	L5 AR-1248-1	6.558	5.514	204.4E6	56857193	361.346	338.341
22)	L5 AR-1248-2	6.852	5.778	290.2E6	76528106	360.776	337.900
23)	L5 AR-1248-3	7.071	5.823	332.9E6	79029427	359.108	336.078
24)	L5 AR-1248-4	7.499	6.008	375.7E6	91650882	354.109	333.407
25)	L5 AR-1248-5	7.540	6.432	374.4E6	97287127	360.859	337.159
26)	L6 AR-1254-1	7.469	6.388	293.5E6	140.7E6	298.437	331.427
27)	L6 AR-1254-2	7.705	6.547	374.1E6	39896889	245.670	108.693 #
28)	L6 AR-1254-3	8.081	6.968	202.6E6	61646190	122.650	101.023
29)	L6 AR-1254-4	8.377	7.207	133.7E6	41721540	112.469	110.471
30)	L6 AR-1254-5	8.805	7.637	29918166	13303804	23.705	25.330
31)	L7 AR-1260-1	8.248	7.118	20856419	27853686	20.137	78.519 #
32)	L7 AR-1260-2	8.506	7.300	34515427	5297310	27.911	11.974 #
33)	L7 AR-1260-3	8.870	7.456	4708002	8629309	5.184	20.824 #
34)	L7 AR-1260-4	9.116	7.944	11121892	1171138	10.432	3.377 #
35)	L7 AR-1260-5	9.467	8.187	6536894	2378016	2.936	2.754
36)	L8 AR-1262-1	8.870	7.637	4708002	13303804	3.103	46.405 #
37)	L8 AR-1262-2	9.467	8.187	6536894	2378016	2.330	2.332
38)	L8 AR-1262-3	9.831	8.469	3437928	368262	2.865	0.979 #
39)	L8 AR-1262-4	9.831f	8.539	3437928	2995038	4.880	4.084
40)	L8 AR-1262-5	0.000	9.047	0	3012863	N.D.	9.152 #
41)	L9 AR-1268-1	9.831	8.469	3437928	368262	1.042	0.317 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ010821\
 Data File : PQ051633.D
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 Acq On : 08 Jan 2021 17:29
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

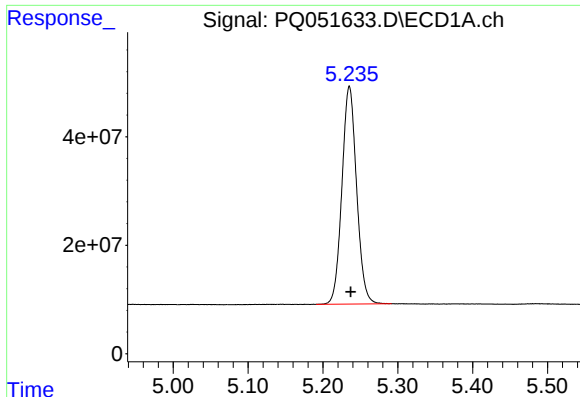
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 22:19:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122120CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 22 06:18:29 2020
 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	0.000	8.539	0	2995038	N.D.	2.815 #
43) L9	AR-1268-3	10.148	8.751	3011817	1085190	1.178	1.217
44) L9	AR-1268-4	0.000	9.047	0	3012863	N.D.	8.168 #
45) L9	AR-1268-5	11.068	9.346	5044895	2315185	0.603	0.831 #

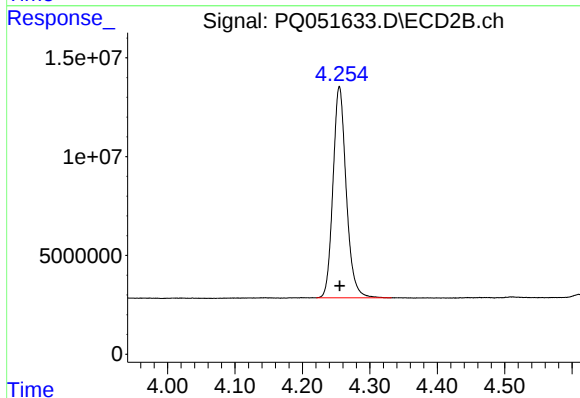
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

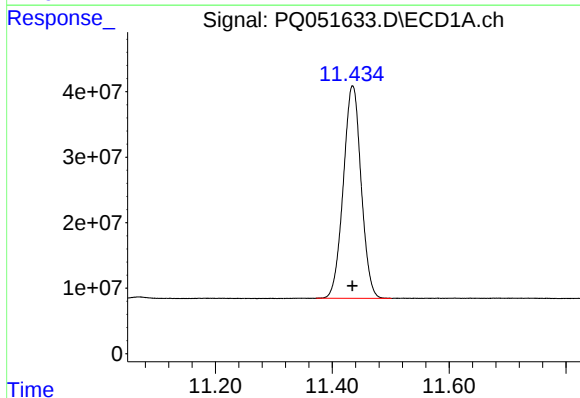
R.T.: 5.235 min
Delta R.T.: -0.002 min
Response: 546643705
Conc: 21.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



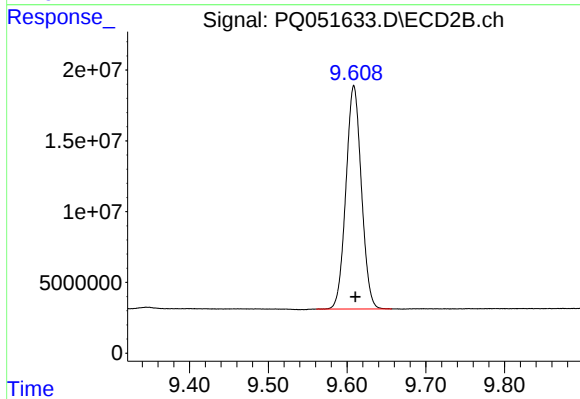
#1 Tetrachloro-m-xylene

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 145858872
Conc: 19.97 ng/ml



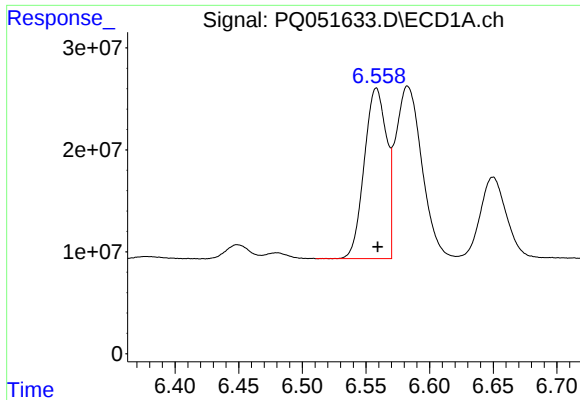
#2 Decachlorobiphenyl

R.T.: 11.435 min
Delta R.T.: 0.000 min
Response: 687108687
Conc: 37.48 ng/ml



#2 Decachlorobiphenyl

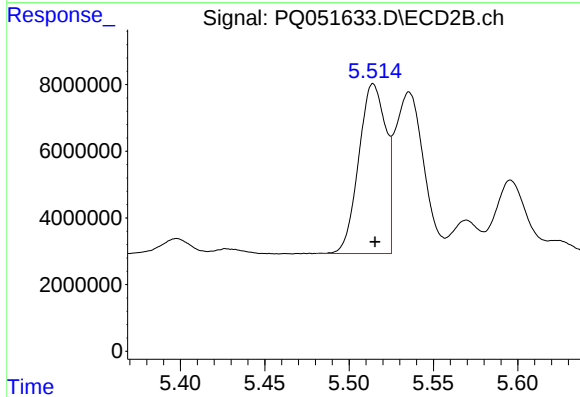
R.T.: 9.609 min
Delta R.T.: -0.002 min
Response: 215136395
Conc: 35.37 ng/ml



#3 AR-1016-1

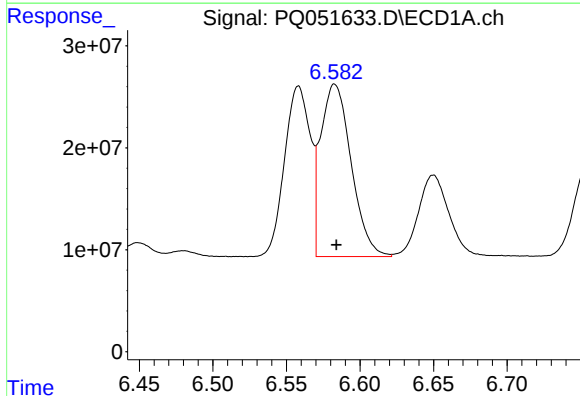
R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 204422521
Conc: 241.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



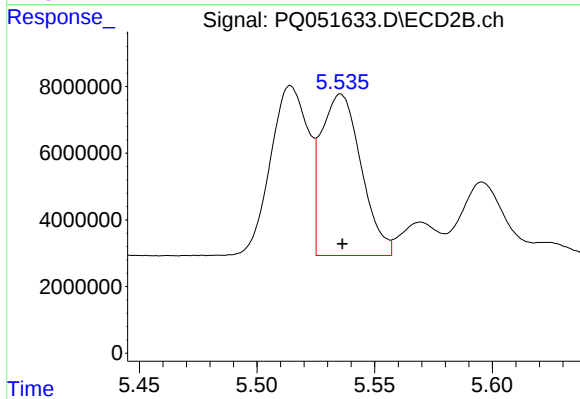
#3 AR-1016-1

R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 56857193
Conc: 221.79 ng/ml



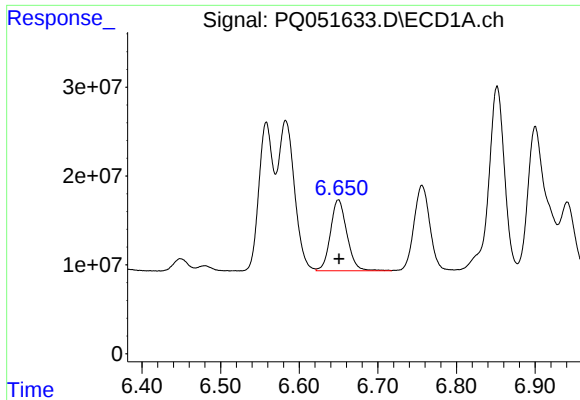
#4 AR-1016-2

R.T.: 6.583 min
Delta R.T.: -0.001 min
Response: 244087847
Conc: 197.06 ng/ml



#4 AR-1016-2

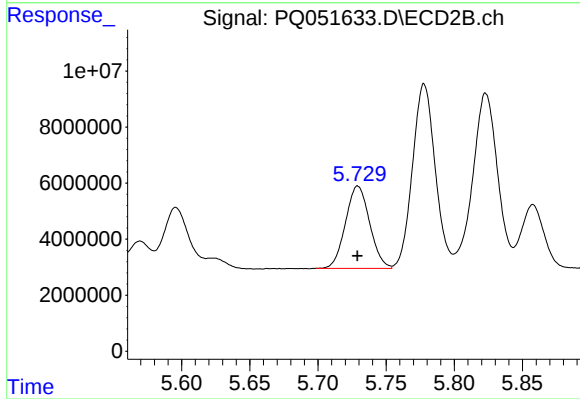
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 57172202
Conc: 159.71 ng/ml



#5 AR-1016-3

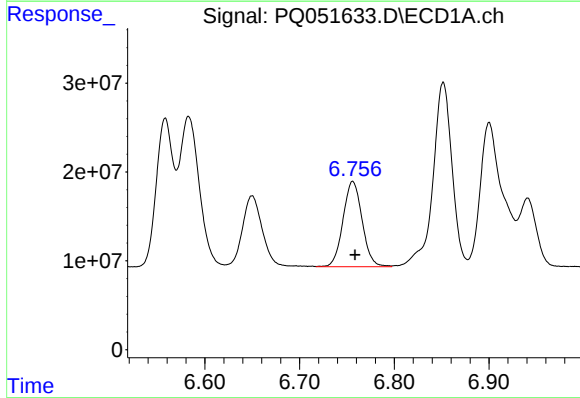
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 116272624
Conc: 158.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



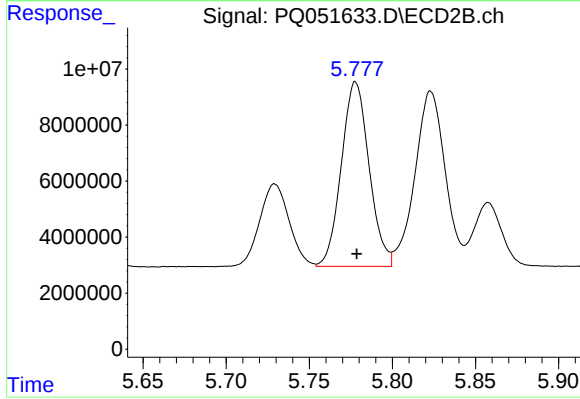
#5 AR-1016-3

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 36195329
Conc: 196.63 ng/ml



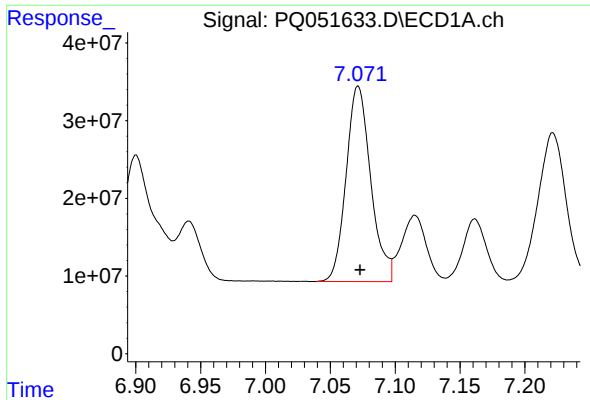
#6 AR-1016-4

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 134701407
Conc: 219.16 ng/ml



#6 AR-1016-4

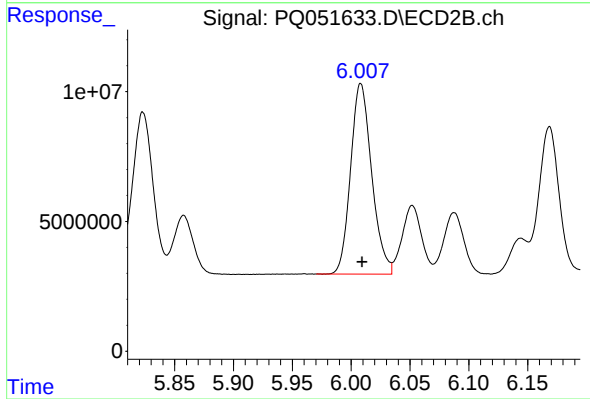
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 76528106
Conc: 530.32 ng/ml



#7 AR-1016-5

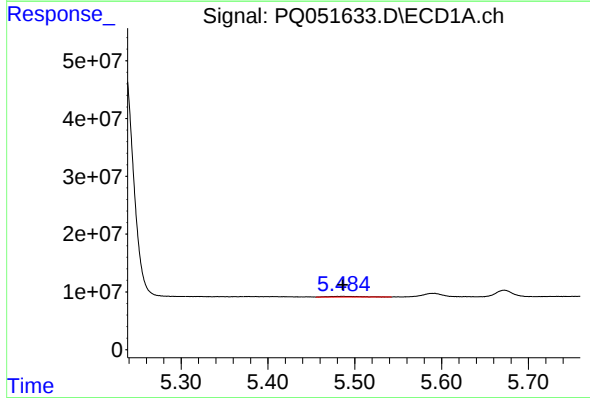
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 332917248
Conc: 559.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



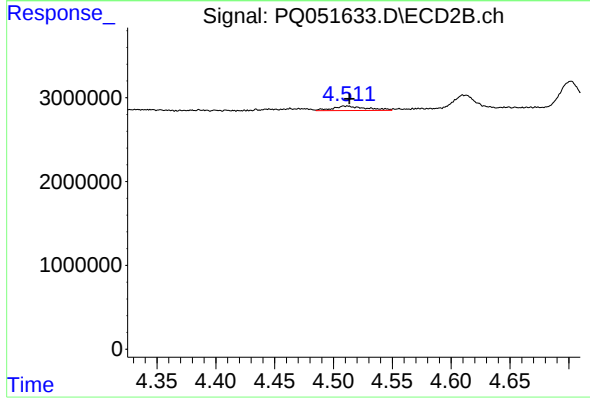
#7 AR-1016-5

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 91650882
Conc: 481.70 ng/ml



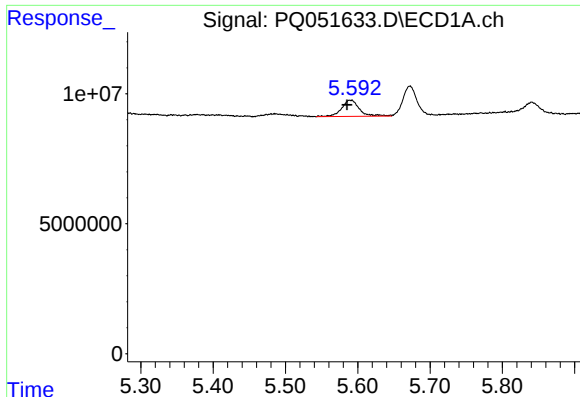
#8 AR-1221-1

R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 2820713
Conc: 10.63 ng/ml



#8 AR-1221-1

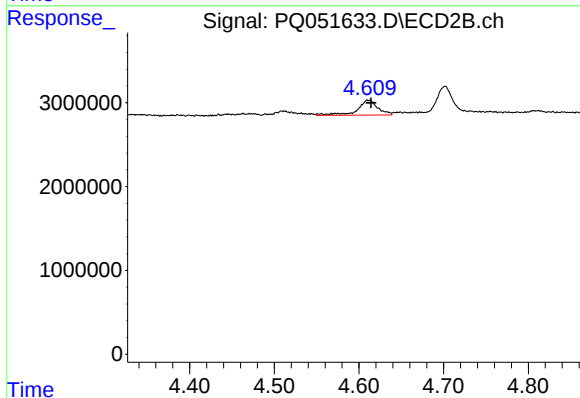
R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 1070007
Conc: 13.88 ng/ml



#9 AR-1221-2

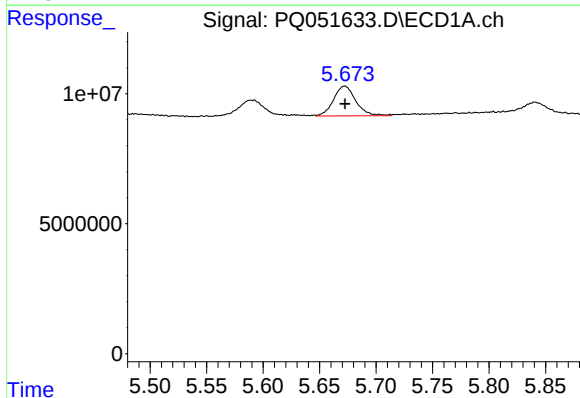
R.T.: 5.590 min
Delta R.T.: 0.005 min
Response: 10770846
Conc: 58.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



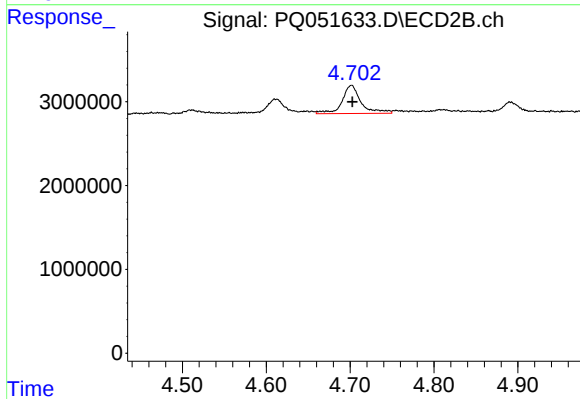
#9 AR-1221-2

R.T.: 4.611 min
Delta R.T.: -0.003 min
Response: 2973358
Conc: 55.60 ng/ml



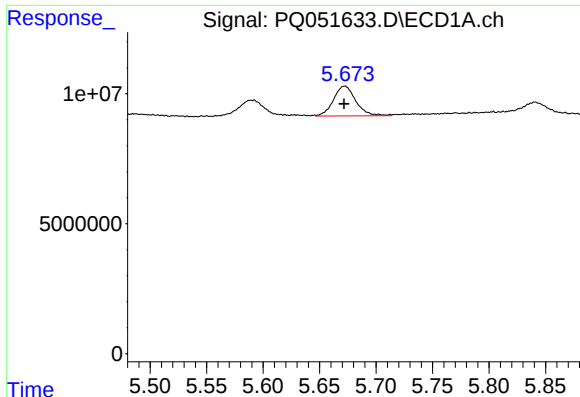
#10 AR-1221-3

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 15789714
Conc: 25.58 ng/ml



#10 AR-1221-3

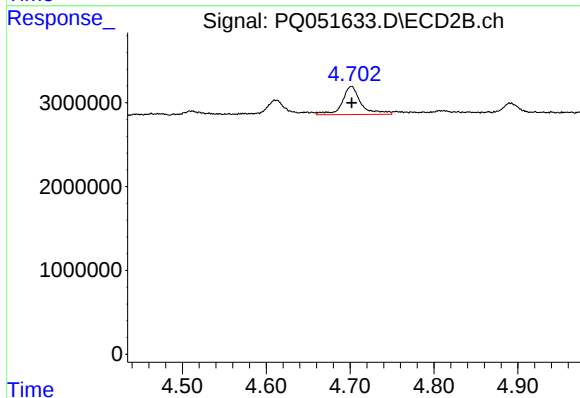
R.T.: 4.702 min
Delta R.T.: -0.001 min
Response: 5262459
Conc: 28.73 ng/ml



#11 AR-1232-1

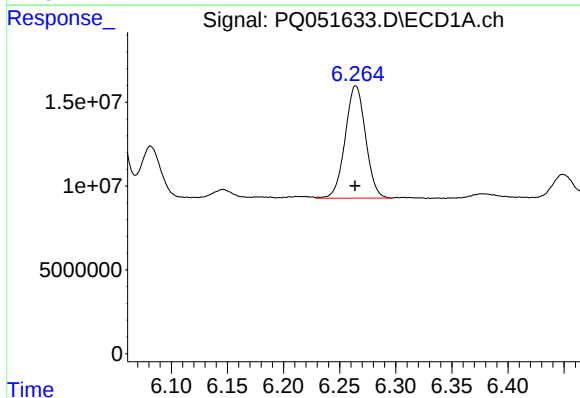
R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 15789714
Conc: 34.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



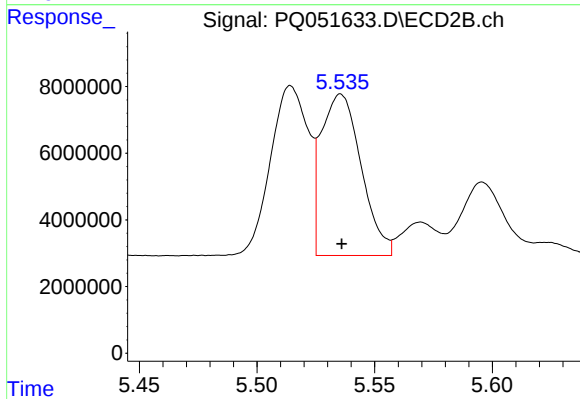
#11 AR-1232-1

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 5262459
Conc: 38.50 ng/ml



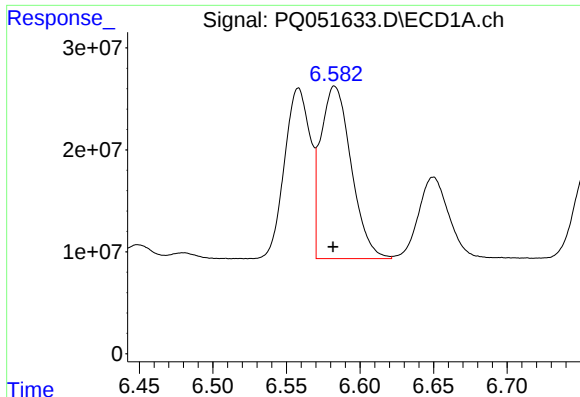
#12 AR-1232-2

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 84675800
Conc: 343.09 ng/ml



#12 AR-1232-2

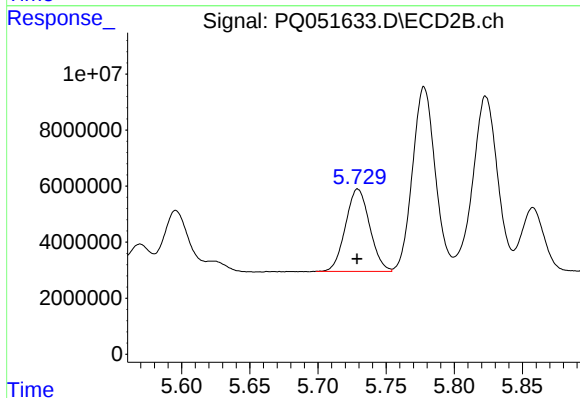
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 57172202
Conc: 406.54 ng/ml



#13 AR-1232-3

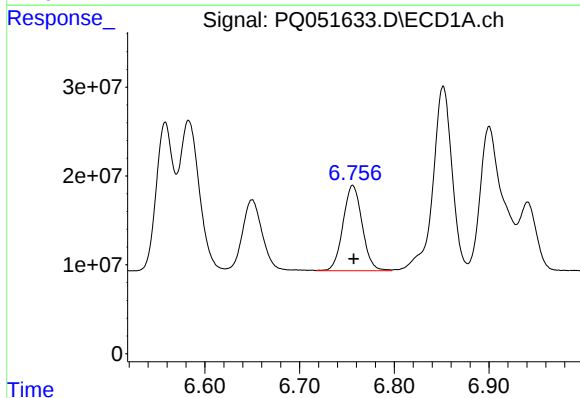
R.T.: 6.583 min
Delta R.T.: 0.001 min
Response: 244087847
Conc: 482.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



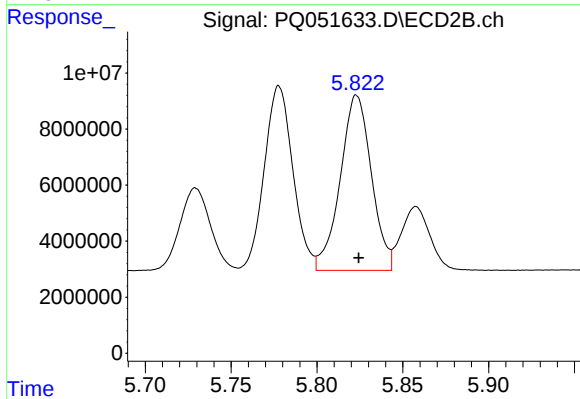
#13 AR-1232-3

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 36195329
Conc: 505.80 ng/ml



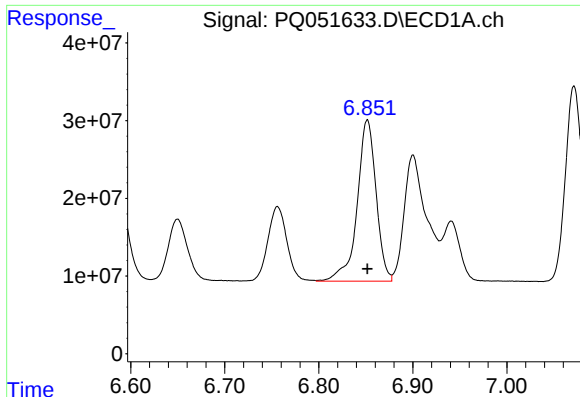
#14 AR-1232-4

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 134701407
Conc: 539.38 ng/ml



#14 AR-1232-4

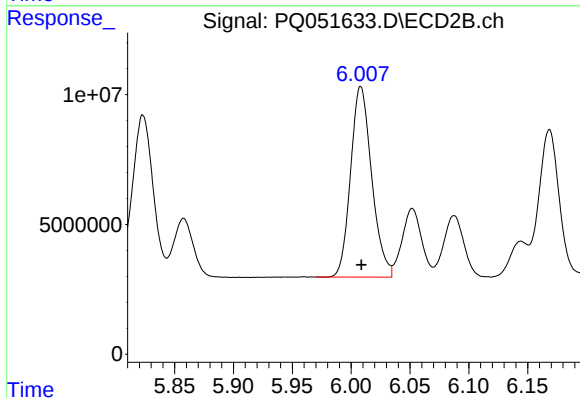
R.T.: 5.823 min
Delta R.T.: -0.001 min
Response: 79029427
Conc: 1285.49 ng/ml



#15 AR-1232-5

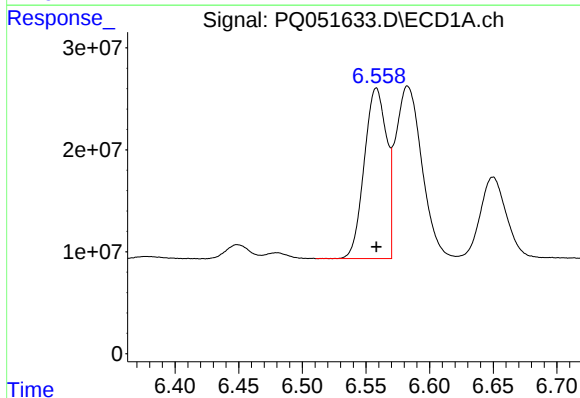
R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 290244521
Conc: 1636.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



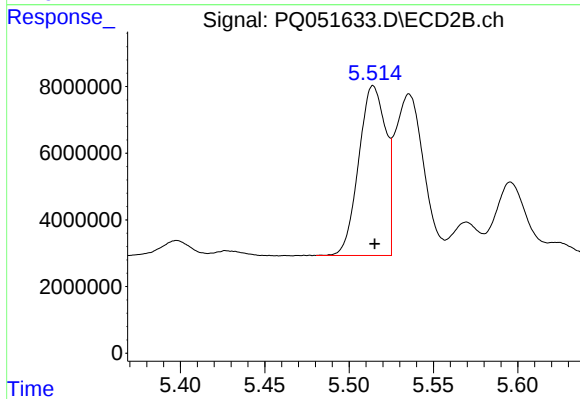
#15 AR-1232-5

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 91650882
Conc: 1428.71 ng/ml



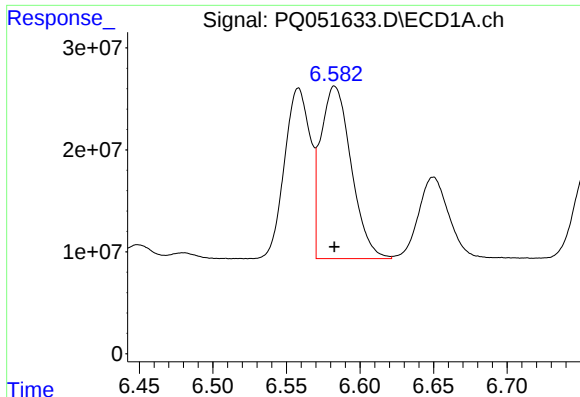
#16 AR-1242-1

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 204422521
Conc: 290.92 ng/ml



#16 AR-1242-1

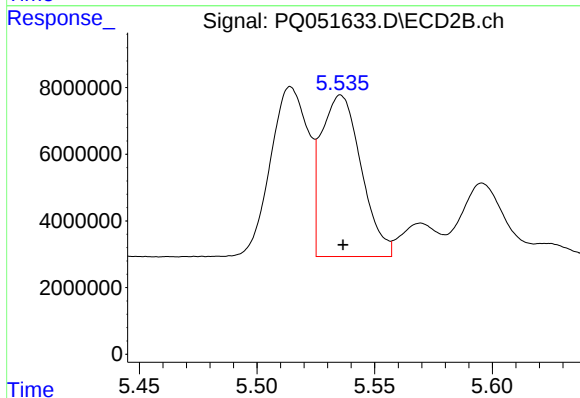
R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 56857193
Conc: 270.43 ng/ml



#17 AR-1242-2

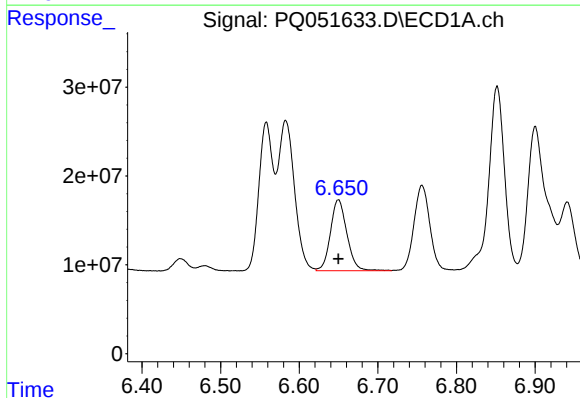
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 244087847
Conc: 236.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



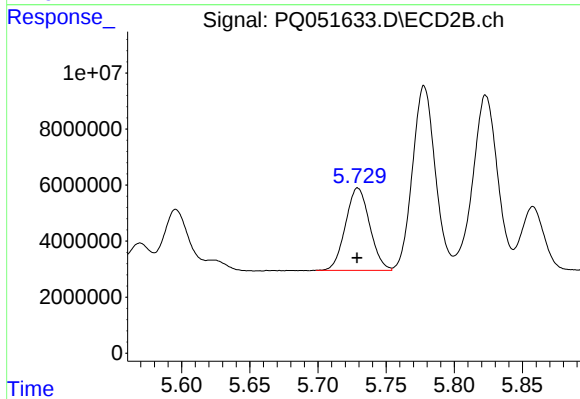
#17 AR-1242-2

R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 57172202
Conc: 195.92 ng/ml



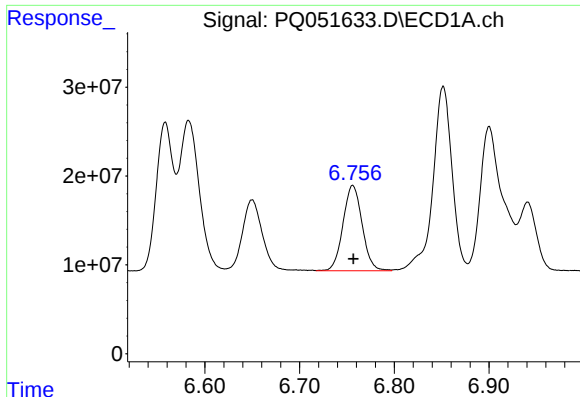
#18 AR-1242-3

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 116272624
Conc: 189.10 ng/ml



#18 AR-1242-3

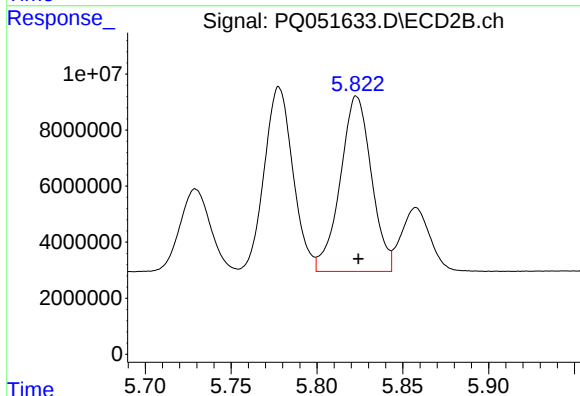
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 36195329
Conc: 239.89 ng/ml



#19 AR-1242-4

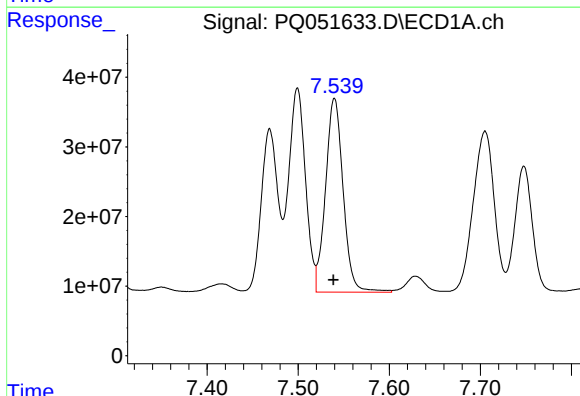
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 134701407
Conc: 262.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



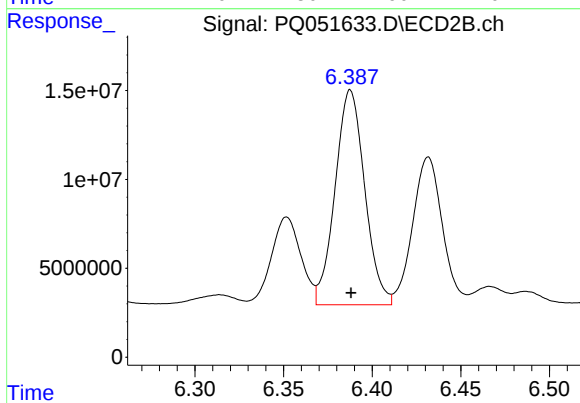
#19 AR-1242-4

R.T.: 5.823 min
Delta R.T.: -0.001 min
Response: 79029427
Conc: 545.91 ng/ml



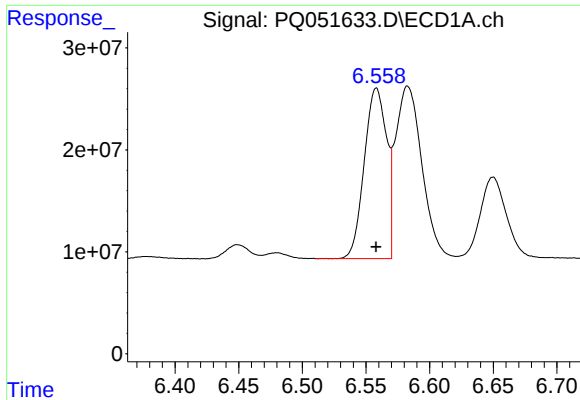
#20 AR-1242-5

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 374444442
Conc: 679.22 ng/ml



#20 AR-1242-5

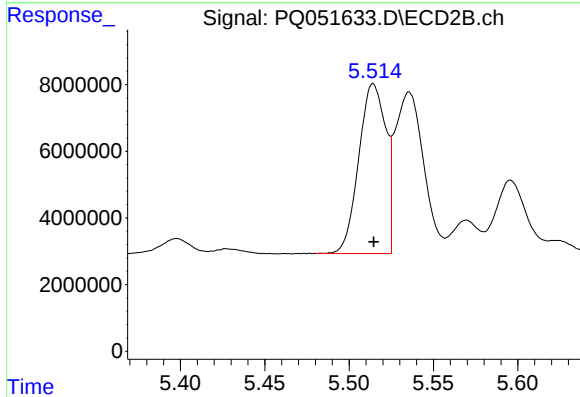
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 140654919
Conc: 736.13 ng/ml



#21 AR-1248-1

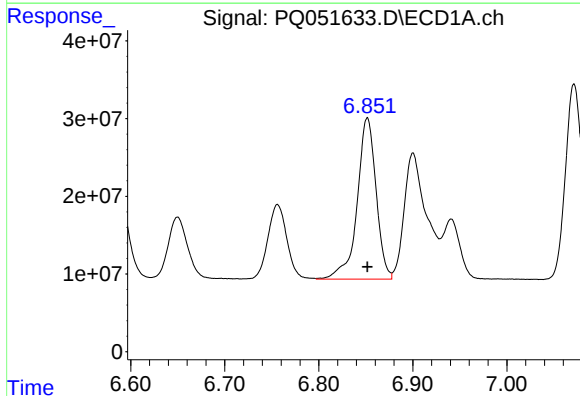
R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 204422521
Conc: 361.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



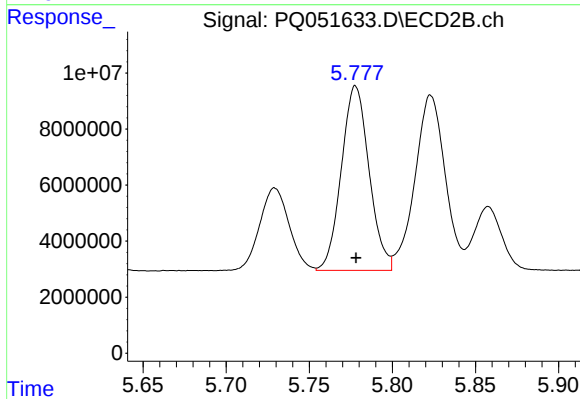
#21 AR-1248-1

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 56857193
Conc: 338.34 ng/ml



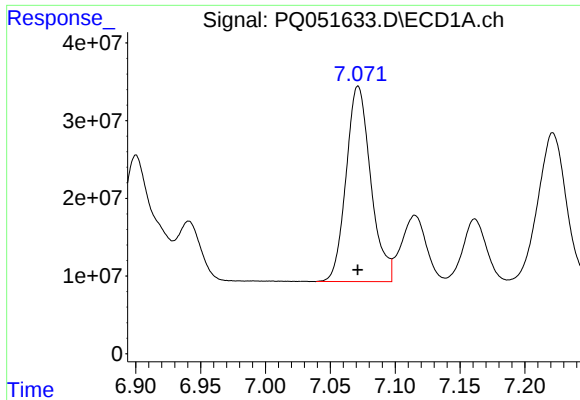
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 290244521
Conc: 360.78 ng/ml



#22 AR-1248-2

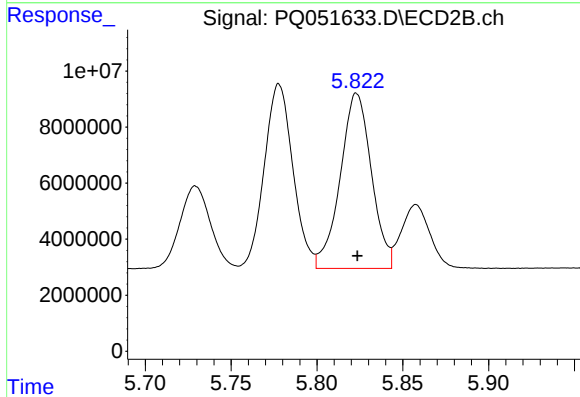
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 76528106
Conc: 337.90 ng/ml



#23 AR-1248-3

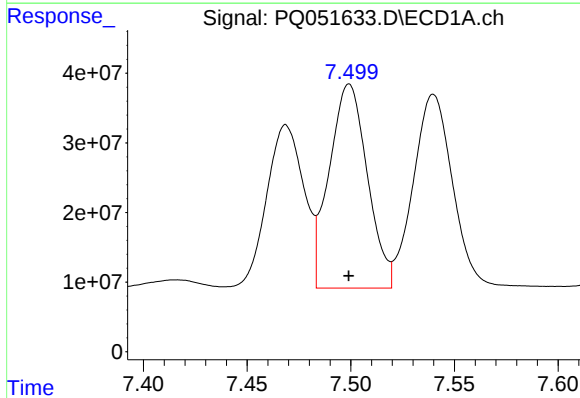
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 332917248
Conc: 359.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



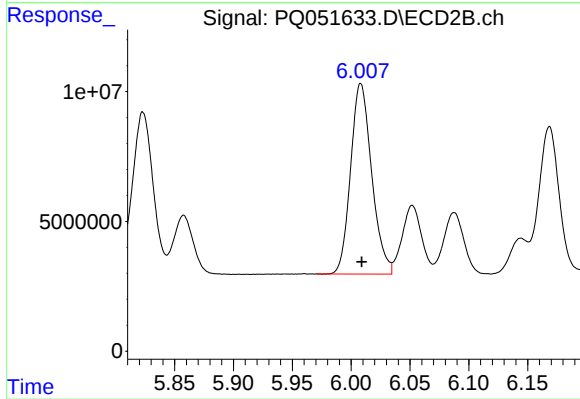
#23 AR-1248-3

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 79029427
Conc: 336.08 ng/ml



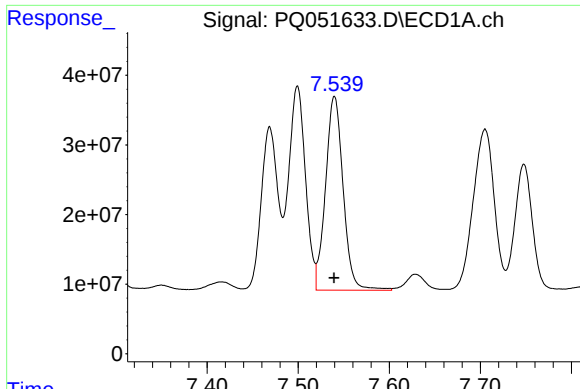
#24 AR-1248-4

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 375743090
Conc: 354.11 ng/ml



#24 AR-1248-4

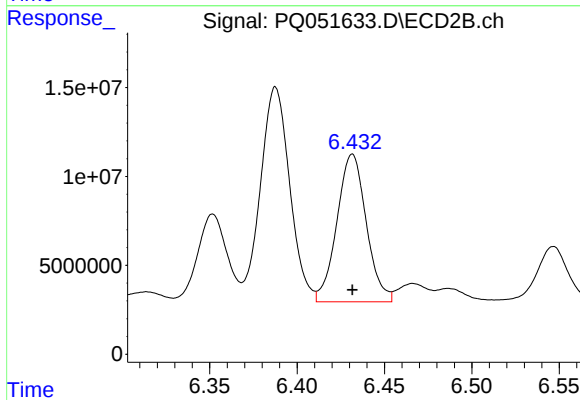
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 91650882
Conc: 333.41 ng/ml



#25 AR-1248-5

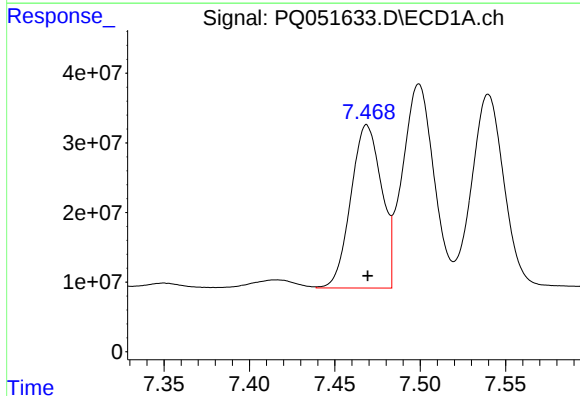
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 374444442
Conc: 360.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



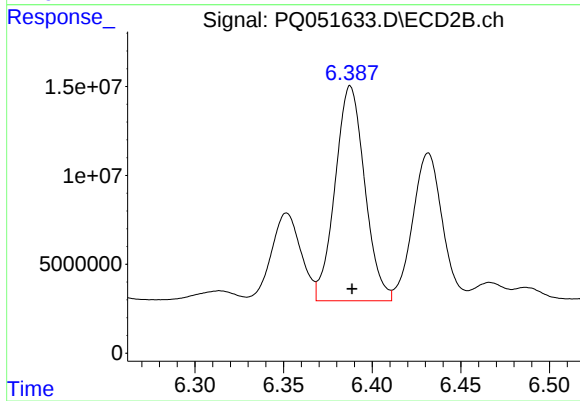
#25 AR-1248-5

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 97287127
Conc: 337.16 ng/ml



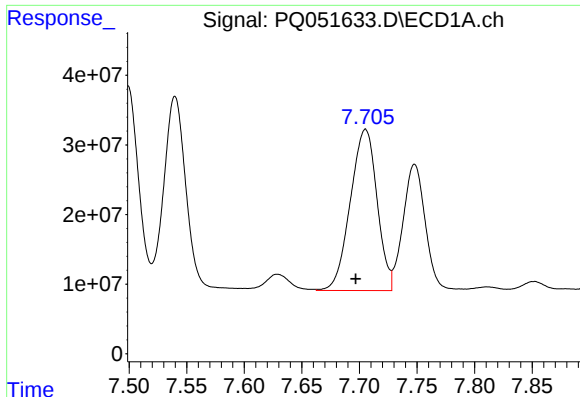
#26 AR-1254-1

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 293500699
Conc: 298.44 ng/ml



#26 AR-1254-1

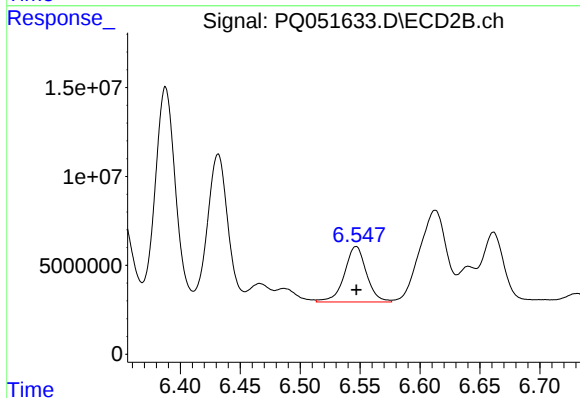
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 140654919
Conc: 331.43 ng/ml



#27 AR-1254-2

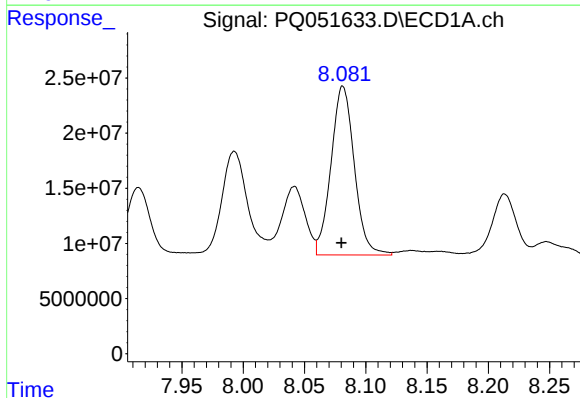
R.T.: 7.705 min
Delta R.T.: 0.009 min
Response: 374082456
Conc: 245.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



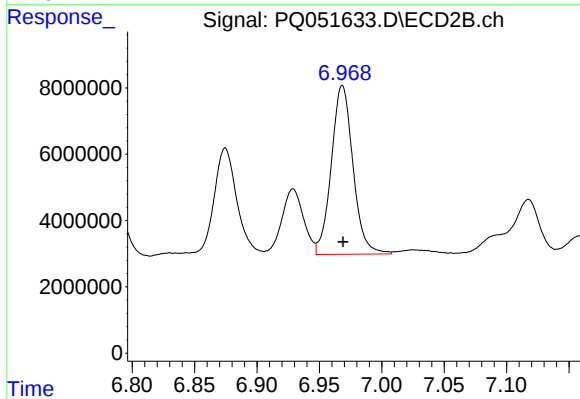
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 39896889
Conc: 108.69 ng/ml



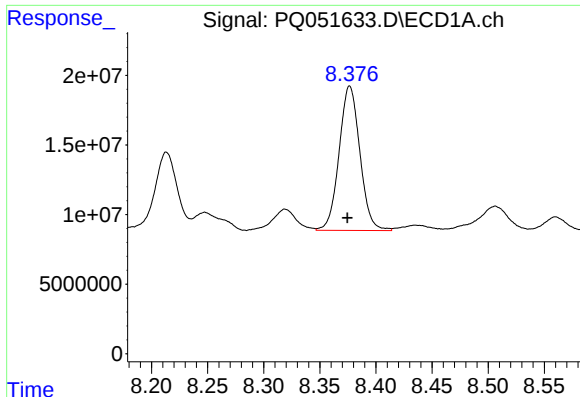
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: 0.001 min
Response: 202649827
Conc: 122.65 ng/ml



#28 AR-1254-3

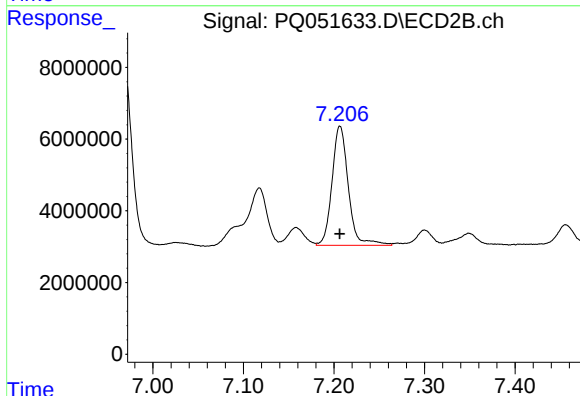
R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 61646190
Conc: 101.02 ng/ml



#29 AR-1254-4

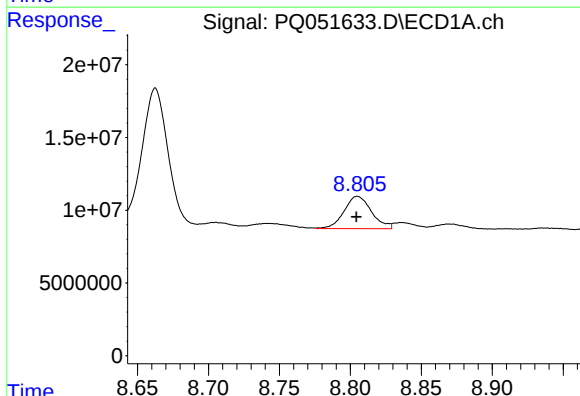
R.T.: 8.377 min
Delta R.T.: 0.002 min
Response: 133727189
Conc: 112.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



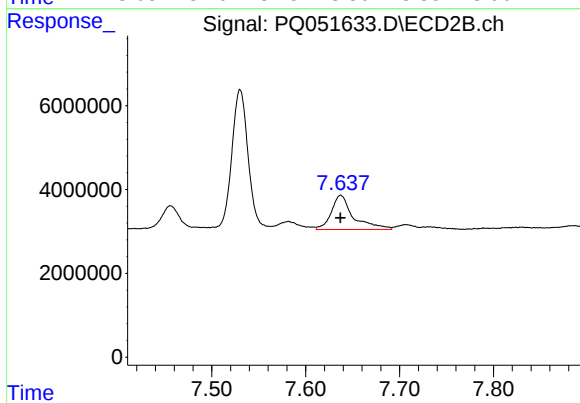
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 41721540
Conc: 110.47 ng/ml



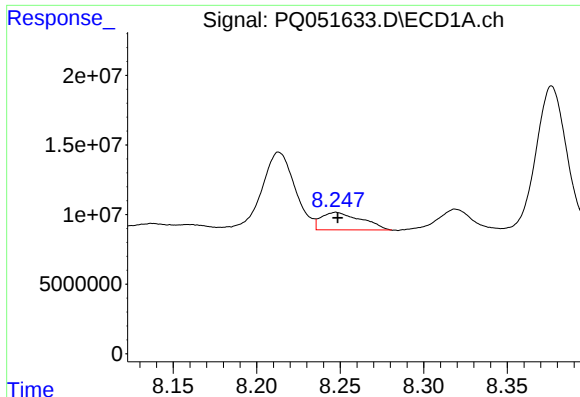
#30 AR-1254-5

R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 29918166
Conc: 23.70 ng/ml



#30 AR-1254-5

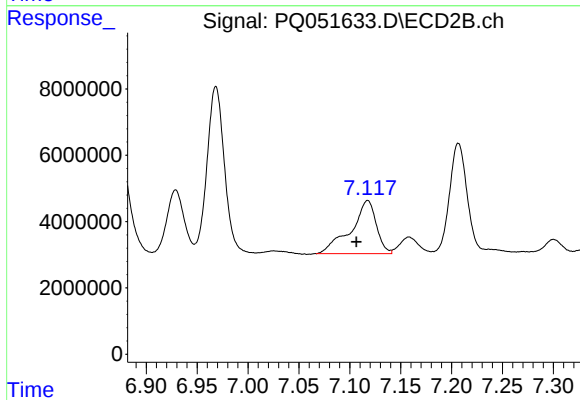
R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 13303804
Conc: 25.33 ng/ml



#31 AR-1260-1

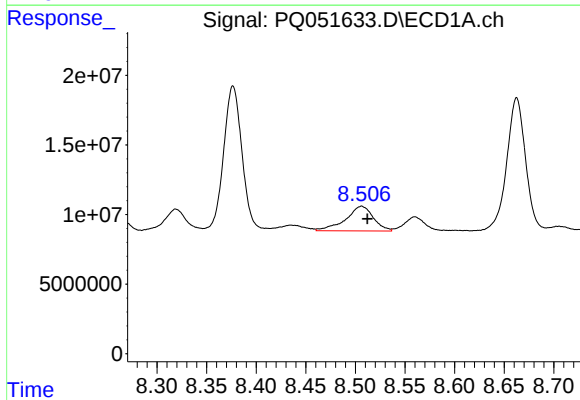
R.T.: 8.248 min
Delta R.T.: -0.001 min
Response: 20856419
Conc: 20.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



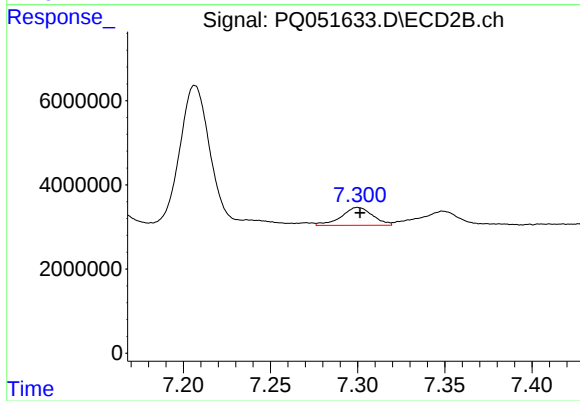
#31 AR-1260-1

R.T.: 7.118 min
Delta R.T.: 0.011 min
Response: 27853686
Conc: 78.52 ng/ml



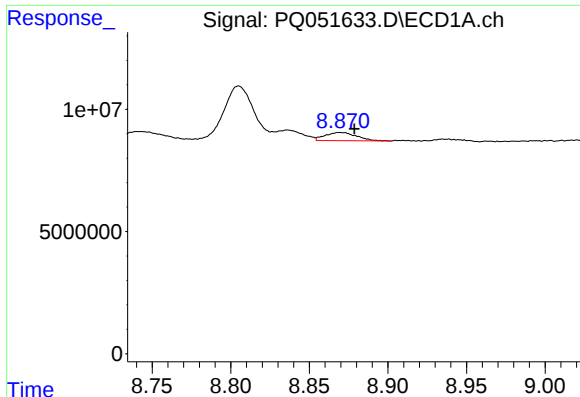
#32 AR-1260-2

R.T.: 8.506 min
Delta R.T.: -0.006 min
Response: 34515427
Conc: 27.91 ng/ml



#32 AR-1260-2

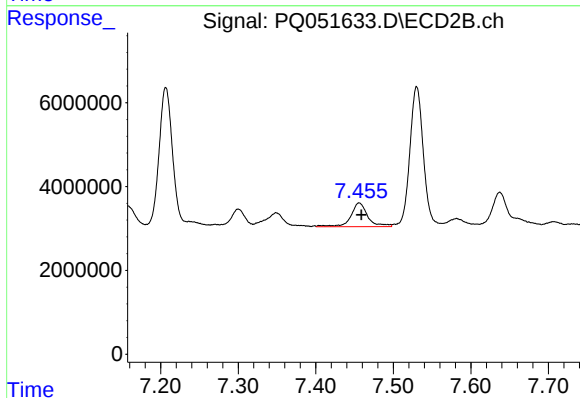
R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 5297310
Conc: 11.97 ng/ml



#33 AR-1260-3

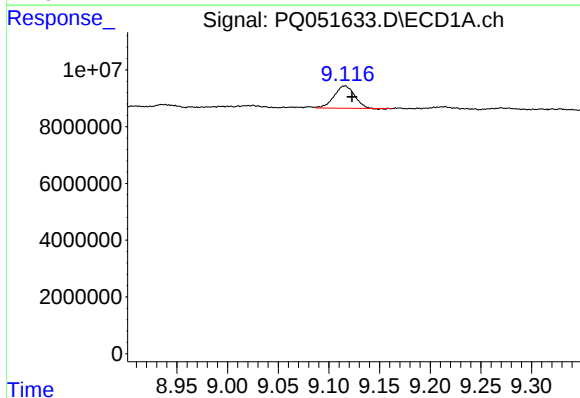
R.T.: 8.870 min
Delta R.T.: -0.009 min
Response: 4708002
Conc: 5.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



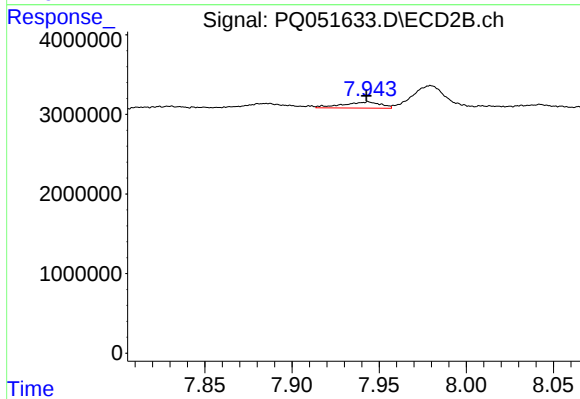
#33 AR-1260-3

R.T.: 7.456 min
Delta R.T.: -0.003 min
Response: 8629309
Conc: 20.82 ng/ml



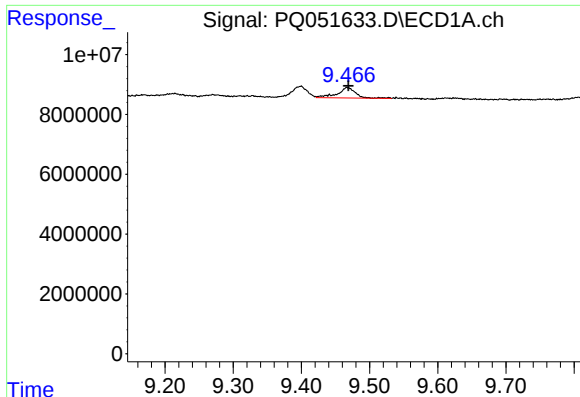
#34 AR-1260-4

R.T.: 9.116 min
Delta R.T.: -0.007 min
Response: 11121892
Conc: 10.43 ng/ml



#34 AR-1260-4

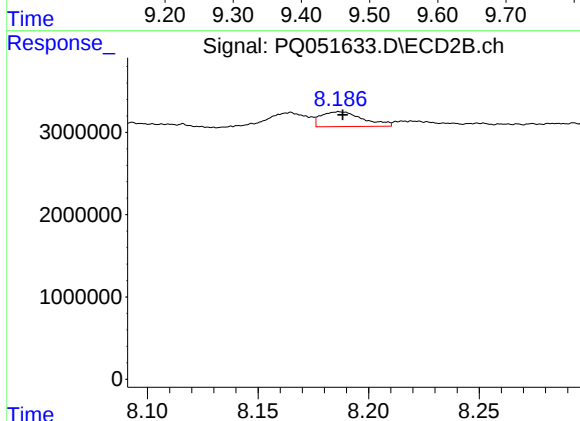
R.T.: 7.944 min
Delta R.T.: 0.001 min
Response: 1171138
Conc: 3.38 ng/ml



#35 AR-1260-5

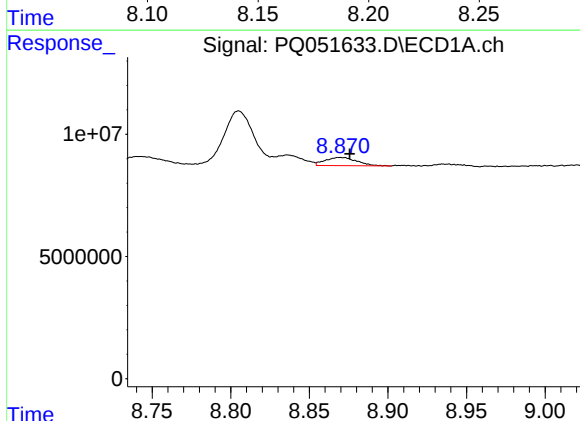
R.T.: 9.467 min
Delta R.T.: -0.001 min
Response: 6536894
Conc: 2.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



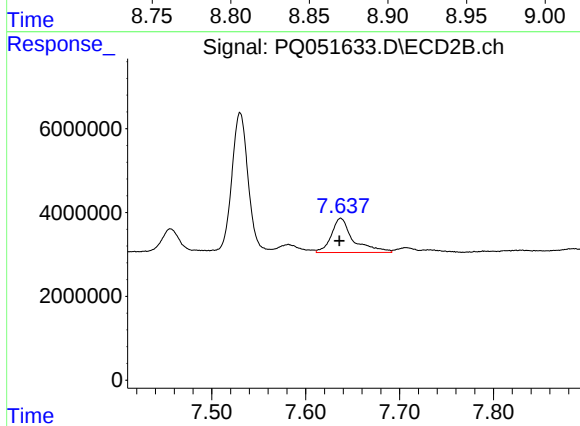
#35 AR-1260-5

R.T.: 8.187 min
Delta R.T.: -0.001 min
Response: 2378016
Conc: 2.75 ng/ml



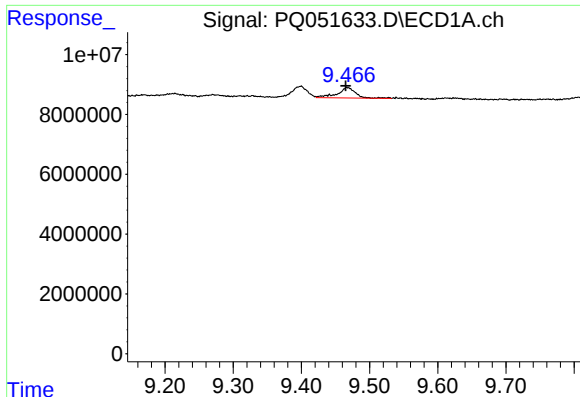
#36 AR-1262-1

R.T.: 8.870 min
Delta R.T.: -0.006 min
Response: 4708002
Conc: 3.10 ng/ml



#36 AR-1262-1

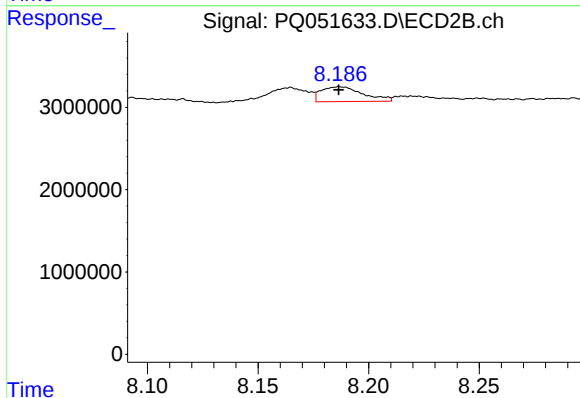
R.T.: 7.637 min
Delta R.T.: 0.001 min
Response: 13303804
Conc: 46.40 ng/ml



#37 AR-1262-2

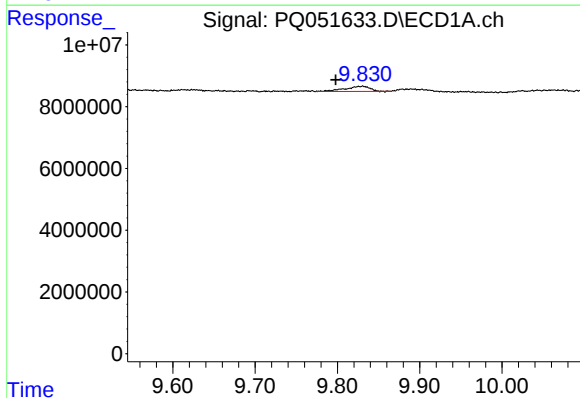
R.T.: 9.467 min
Delta R.T.: 0.002 min
Response: 6536894
Conc: 2.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



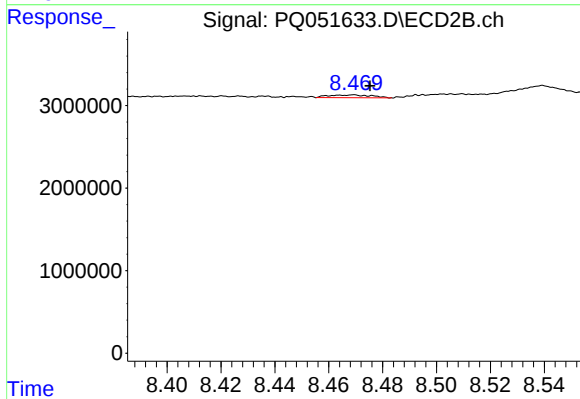
#37 AR-1262-2

R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 2378016
Conc: 2.33 ng/ml



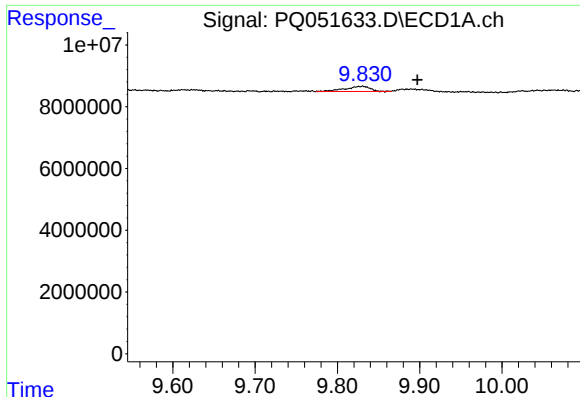
#38 AR-1262-3

R.T.: 9.831 min
Delta R.T.: 0.033 min
Response: 3437928
Conc: 2.86 ng/ml



#38 AR-1262-3

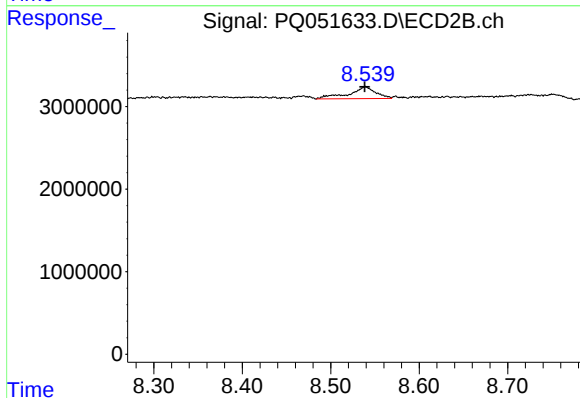
R.T.: 8.469 min
Delta R.T.: -0.006 min
Response: 368262
Conc: 0.98 ng/ml



#39 AR-1262-4

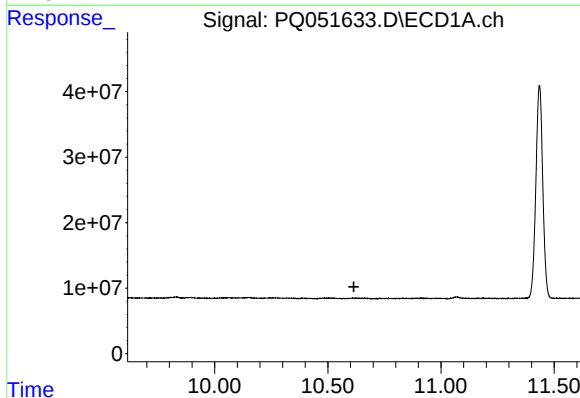
R.T.: 9.831 min
Delta R.T.: -0.066 min
Response: 3437928
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



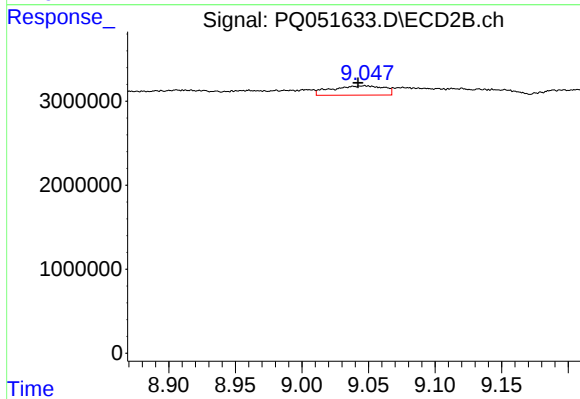
#39 AR-1262-4

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 2995038
Conc: 4.08 ng/ml



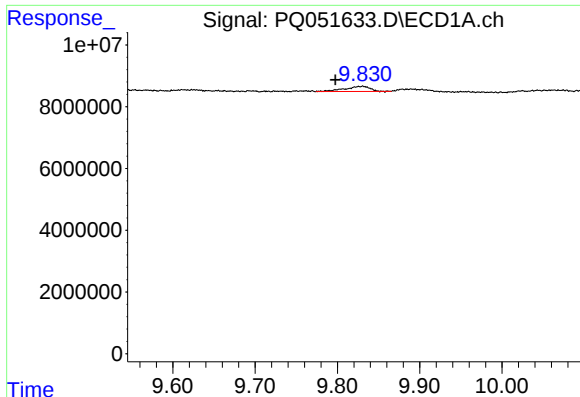
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.615 min
Response: 0
Conc: N.D.



#40 AR-1262-5

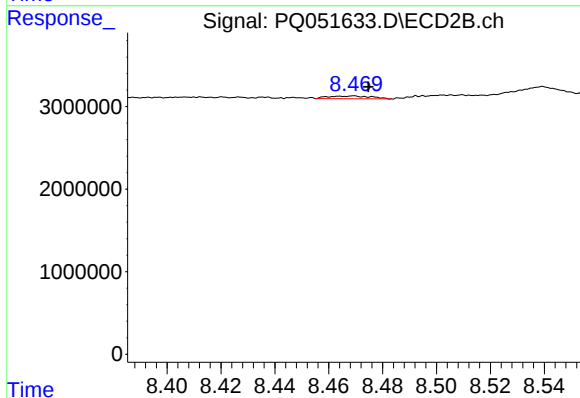
R.T.: 9.047 min
Delta R.T.: 0.005 min
Response: 3012863
Conc: 9.15 ng/ml



#41 AR-1268-1

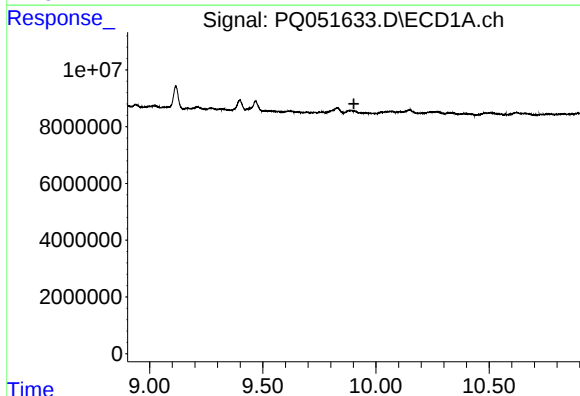
R.T.: 9.831 min
Delta R.T.: 0.033 min
Response: 3437928
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



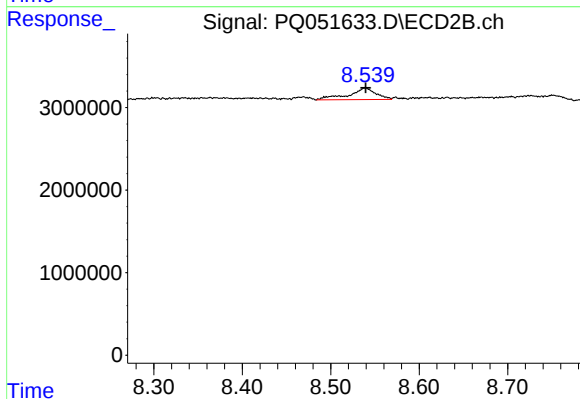
#41 AR-1268-1

R.T.: 8.469 min
Delta R.T.: -0.006 min
Response: 368262
Conc: 0.32 ng/ml



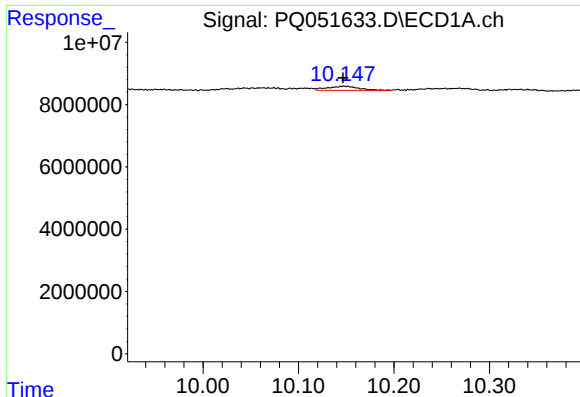
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.902 min
Response: 0
Conc: N.D.



#42 AR-1268-2

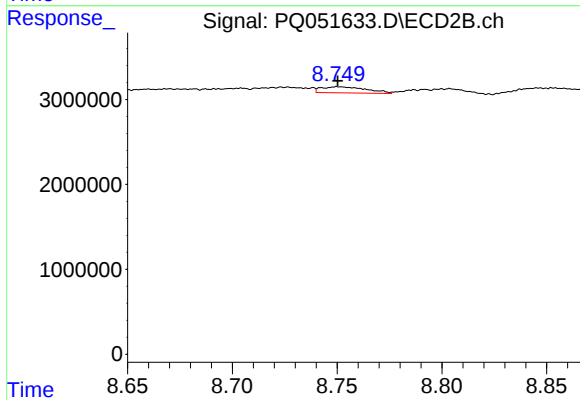
R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 2995038
Conc: 2.81 ng/ml



#43 AR-1268-3

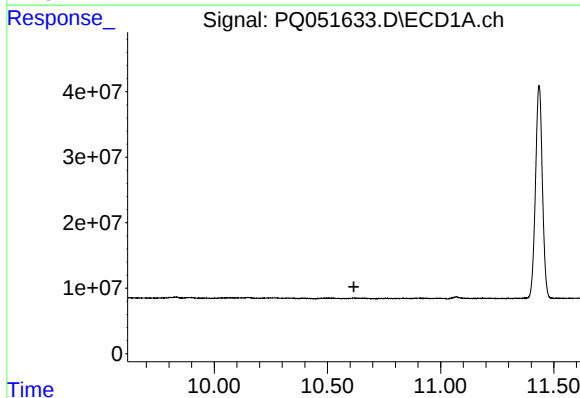
R.T.: 10.148 min
Delta R.T.: 0.001 min
Response: 3011817
Conc: 1.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



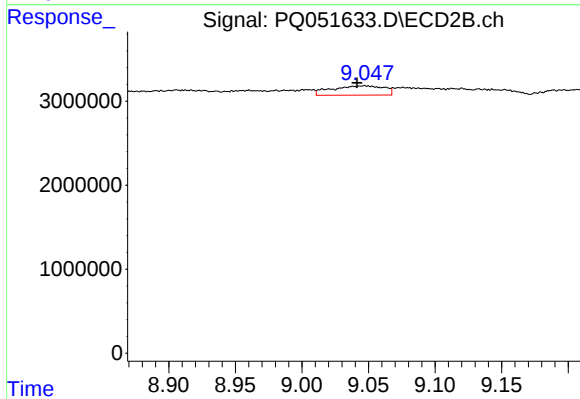
#43 AR-1268-3

R.T.: 8.751 min
Delta R.T.: 0.000 min
Response: 1085190
Conc: 1.22 ng/ml



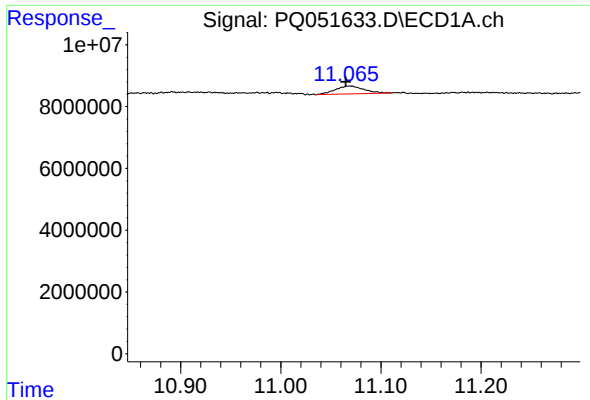
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.617 min
Response: 0
Conc: N.D.



#44 AR-1268-4

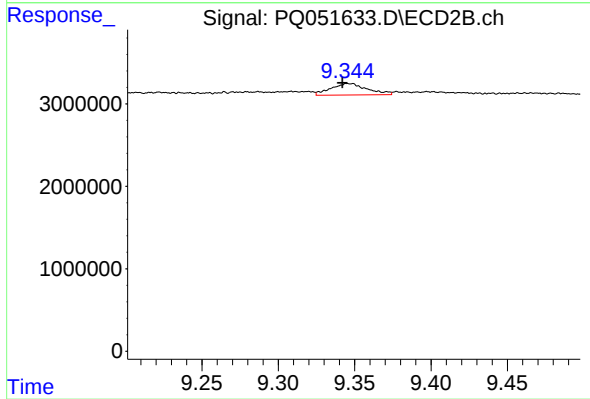
R.T.: 9.047 min
Delta R.T.: 0.006 min
Response: 3012863
Conc: 8.17 ng/ml



#45 AR-1268-5

R.T.: 11.068 min
Delta R.T.: 0.003 min
Response: 5044895
Conc: 0.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: 0.004 min
Response: 2315185
Conc: 0.83 ng/ml