

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021522\
 Data File : PQ056214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2022 16:36
 Operator : YP\AJ
 Sample : PB142648BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:29:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 15 04:32:21 2022
 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...	4.682	3.852	250.0E6	221.1E6	16.885	18.524
2)	SA Decachlor...	10.592	8.844	630.8E6	358.1E6	35.313	35.435
Target Compounds							
3)	L1 AR-1016-1	5.867	4.928	35389704	30387160	111.615	99.744
4)	L1 AR-1016-2	5.891	4.948	66778156	56024379	93.739	96.147
5)	L1 AR-1016-3	5.952	5.123	44179869	23931246	91.507	96.816
6)	L1 AR-1016-4	6.053	5.159	33645533	22522996	90.648	93.319
7)	L1 AR-1016-5	6.343	5.372	28497064	27947004	94.390	98.011
8)	L2 AR-1221-1	4.894	4.062	3412817	3041453	21.966	25.922
9)	L2 AR-1221-2	4.991	4.150	7458192	6023234	65.061	75.795
10)	L2 AR-1221-3	5.064	4.224	22731172	17916482	60.479	64.471
11)	L3 AR-1232-1	5.064	4.224	22731172	17916482	75.507	78.232
12)	L3 AR-1232-2	5.594	4.948	32752802	56024379	185.688	220.281
13)	L3 AR-1232-3	5.891	5.123	66778156	23931246	207.534	227.568
14)	L3 AR-1232-4	6.053	5.202	33645533	26915992	209.908	243.419
15)	L3 AR-1232-5	6.135	5.372	24040544	27947004	237.531	234.897
16)	L4 AR-1242-1	5.867	4.928	35389704	30387160	135.633	123.019
17)	L4 AR-1242-2	5.891	4.948	66778156	56024379	115.972	118.106
18)	L4 AR-1242-3	5.952	5.123	44179869	23931246	112.368	118.935
19)	L4 AR-1242-4	6.053	5.202	33645533	26915992	111.692	117.755
20)	L4 AR-1242-5	6.792	5.721	4007389	22259294	12.481	80.954 #
21)	L5 AR-1248-1	5.867	4.928	35389704	30387160	184.531	162.422
22)	L5 AR-1248-2	6.135	5.159	24040544	22522996	73.287	69.121
23)	L5 AR-1248-3	6.343	5.202	28497064	26915992	70.740	79.180
24)	L5 AR-1248-4	6.750	5.372	3890382	27947004	8.439	71.503 #
25)	L5 AR-1248-5	6.792	5.765	4007389	2703136	7.494	6.773
26)	L6 AR-1254-1	6.720	5.721	19873728	22259294	48.087	35.894 #
27)	L6 AR-1254-2	6.936	5.866	20878898	20990989	31.264	39.687 #
28)	L6 AR-1254-3	7.310	6.279	14628134	38356778	17.921	44.340 #
29)	L6 AR-1254-4	7.596	6.497	8514065	3094362	14.745	4.957 #
30)	L6 AR-1254-5	8.015	6.907	85171454	73821285	109.584	94.461
31)	L7 AR-1260-1	7.469	6.394	50740580	56592824	98.851	101.220
32)	L7 AR-1260-2	7.727	6.580	63628375	69679653	102.722	105.303
33)	L7 AR-1260-3	8.015	6.733	85171454	61474771	95.455	98.056
34)	L7 AR-1260-4	8.325	7.201	54248382	44079392	88.298	83.194
35)	L7 AR-1260-5	8.666	7.441	120.8E6	101.0E6	85.357	80.164
36)	L8 AR-1262-1	8.085	6.907	45906100	73821285	58.711	189.871 #
37)	L8 AR-1262-2	8.666	7.441	120.8E6	101.0E6	71.962	67.764
38)	L8 AR-1262-3	8.995	7.722	26860611	20757818	30.358	35.610
39)	L8 AR-1262-4	9.075	7.786	52411972	75279970	67.372	68.850
40)	L8 AR-1262-5	9.797	8.285	43270195	22028595	53.022	45.883
41)	L9 AR-1268-1	8.995	7.722	26860611	20757818	12.479	12.282

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 Acq On : 15 Feb 2022 16:36
 Operator : YP\AJ
 Sample : PB142648BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

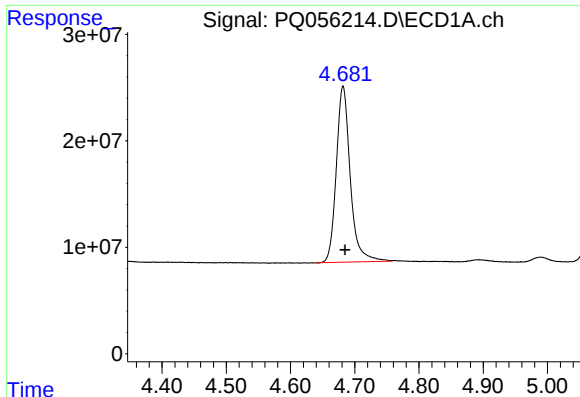
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 06:29:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 15 04:32:21 2022
 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
42) L9	AR-1268-2	9.075	7.786	52411972	75279970	22.986	48.271 #
43) L9	AR-1268-3	9.334	7.992	5360542	2321979	2.684	1.800 #
44) L9	AR-1268-4	9.797	8.285	43270195	22028595	48.720	41.087
45) L9	AR-1268-5	10.236	8.585	18531110	9217387	2.743	2.255

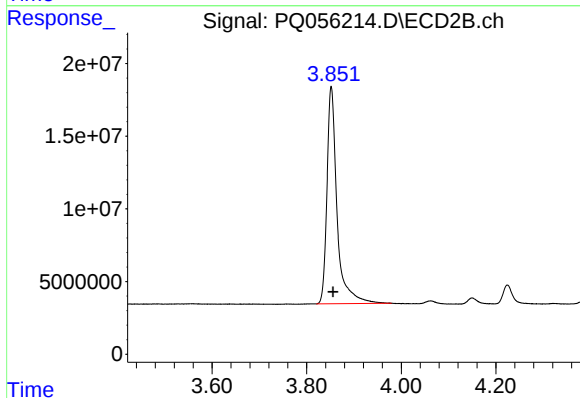
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

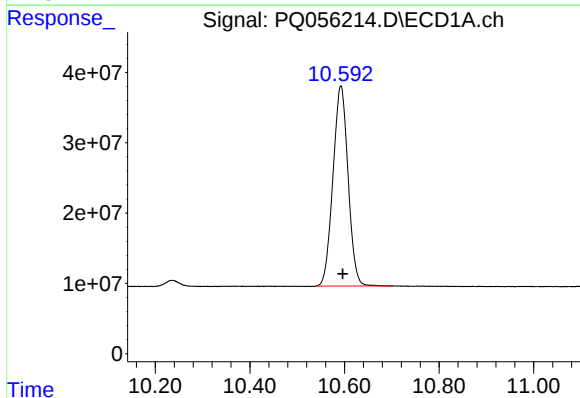
R.T.: 4.682 min
Delta R.T.: -0.003 min
Response: 249961702
Conc: 16.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



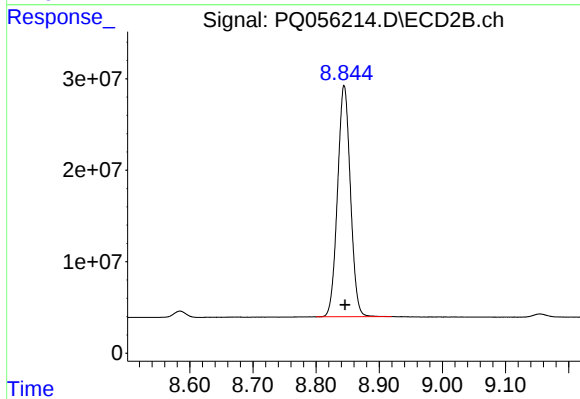
#1 Tetrachloro-m-xylene

R.T.: 3.852 min
Delta R.T.: -0.004 min
Response: 221144620
Conc: 18.52 ng/ml



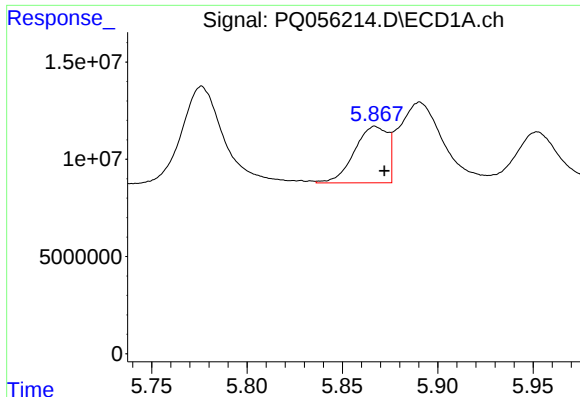
#2 Decachlorobiphenyl

R.T.: 10.592 min
Delta R.T.: -0.004 min
Response: 630766277
Conc: 35.31 ng/ml



#2 Decachlorobiphenyl

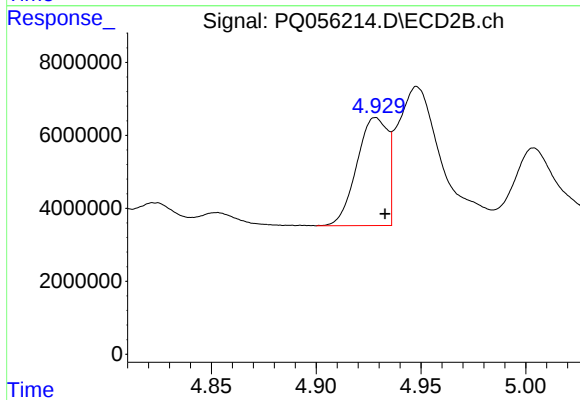
R.T.: 8.844 min
Delta R.T.: -0.002 min
Response: 358102639
Conc: 35.44 ng/ml



#3 AR-1016-1

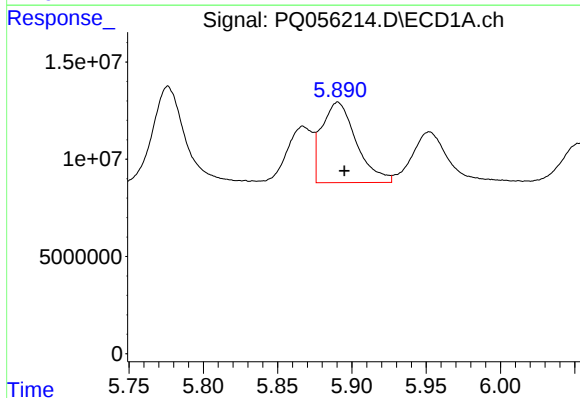
R.T.: 5.867 min
Delta R.T.: -0.005 min
Response: 35389704
Conc: 111.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



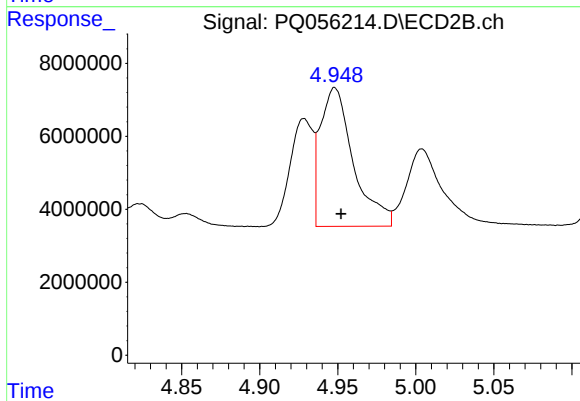
#3 AR-1016-1

R.T.: 4.928 min
Delta R.T.: -0.005 min
Response: 30387160
Conc: 99.74 ng/ml



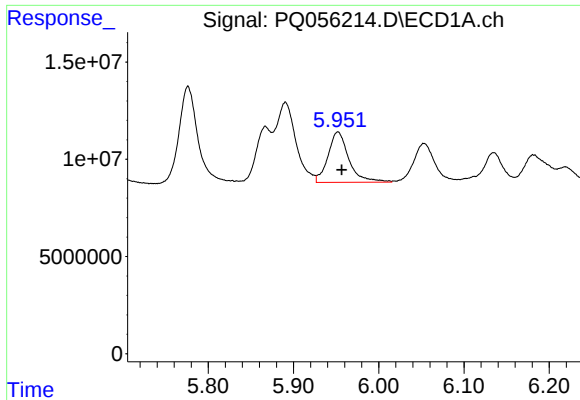
#4 AR-1016-2

R.T.: 5.891 min
Delta R.T.: -0.004 min
Response: 66778156
Conc: 93.74 ng/ml



#4 AR-1016-2

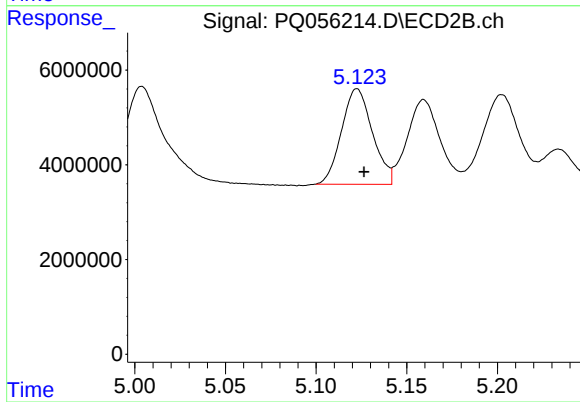
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 56024379
Conc: 96.15 ng/ml



#5 AR-1016-3

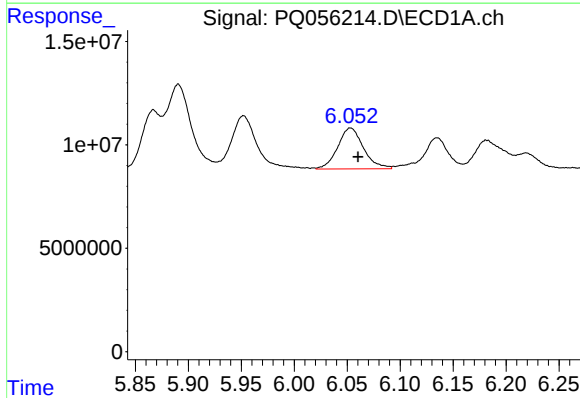
R.T.: 5.952 min
Delta R.T.: -0.004 min
Response: 44179869
Conc: 91.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



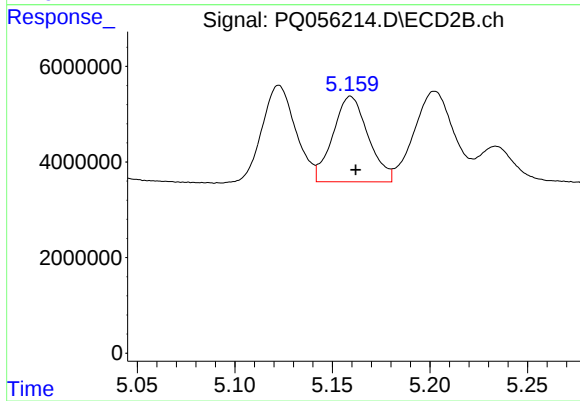
#5 AR-1016-3

R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 23931246
Conc: 96.82 ng/ml



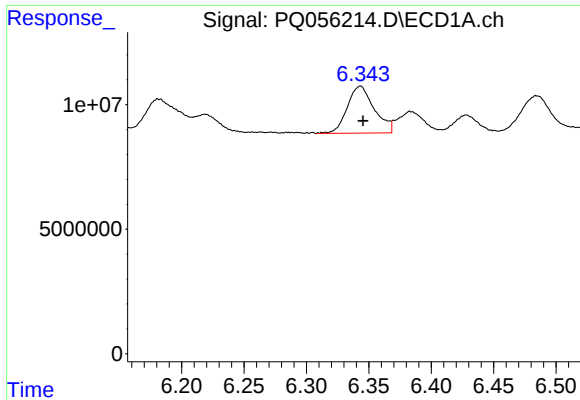
#6 AR-1016-4

R.T.: 6.053 min
Delta R.T.: -0.007 min
Response: 33645533
Conc: 90.65 ng/ml



#6 AR-1016-4

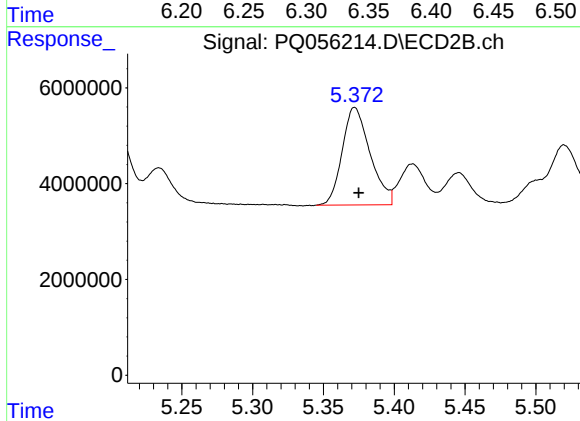
R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 22522996
Conc: 93.32 ng/ml



#7 AR-1016-5

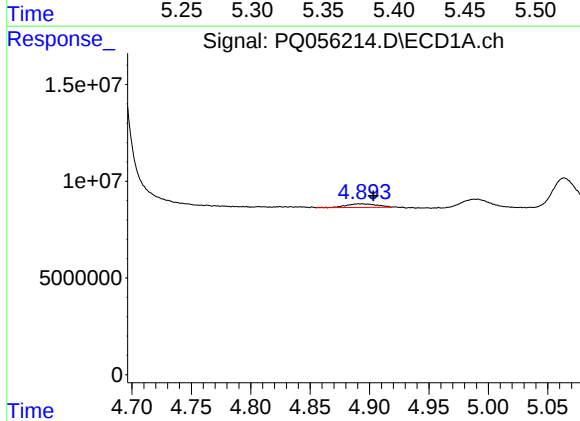
R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 28497064
Conc: 94.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



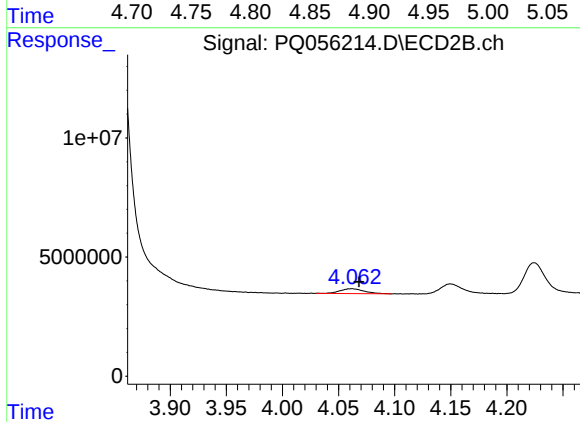
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 27947004
Conc: 98.01 ng/ml



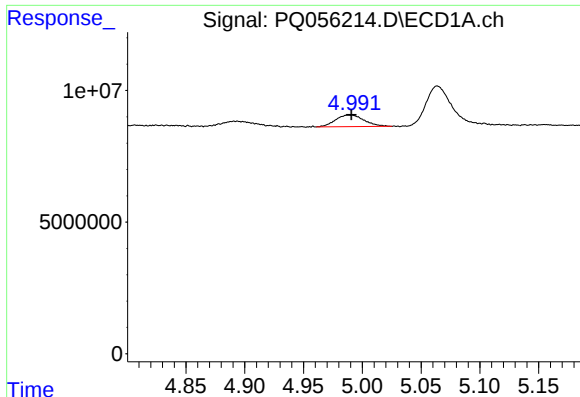
#8 AR-1221-1

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 3412817
Conc: 21.97 ng/ml



#8 AR-1221-1

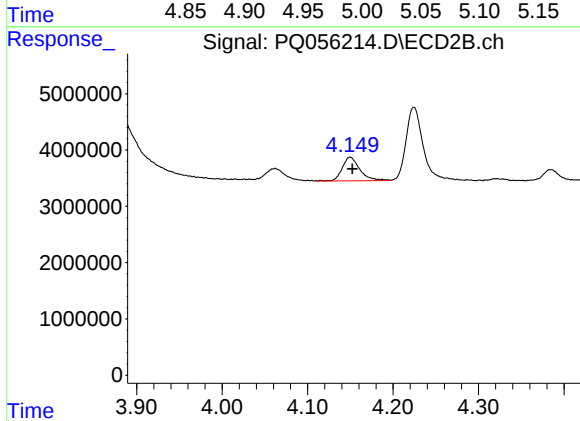
R.T.: 4.062 min
Delta R.T.: -0.006 min
Response: 3041453
Conc: 25.92 ng/ml



#9 AR-1221-2

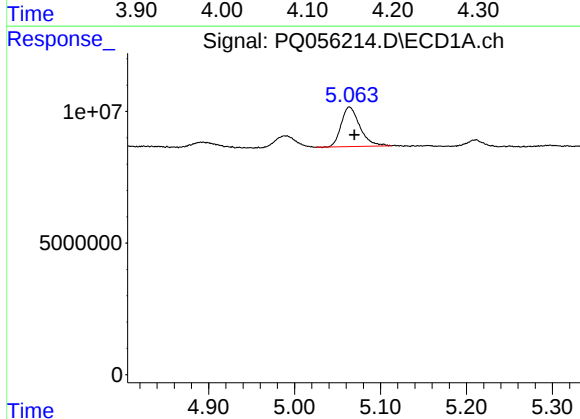
R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 7458192
Conc: 65.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



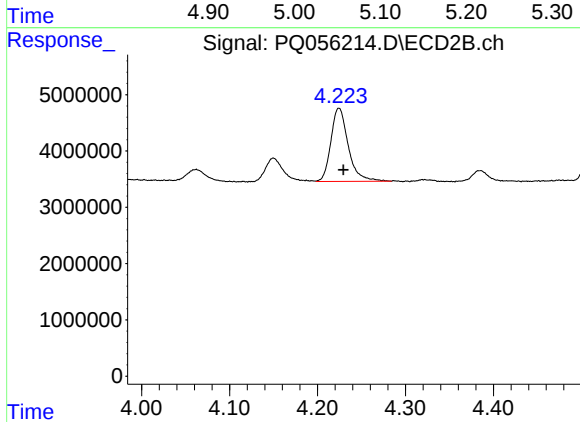
#9 AR-1221-2

R.T.: 4.150 min
Delta R.T.: -0.003 min
Response: 6023234
Conc: 75.80 ng/ml



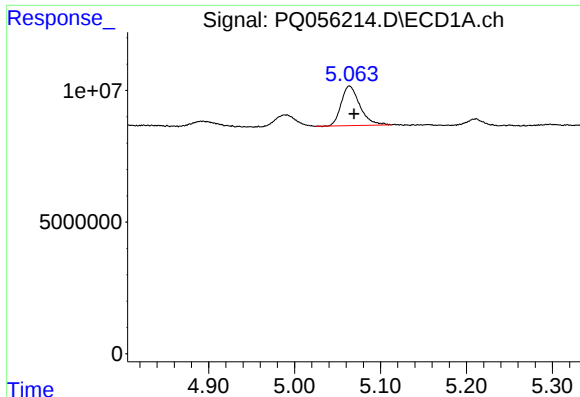
#10 AR-1221-3

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 22731172
Conc: 60.48 ng/ml



#10 AR-1221-3

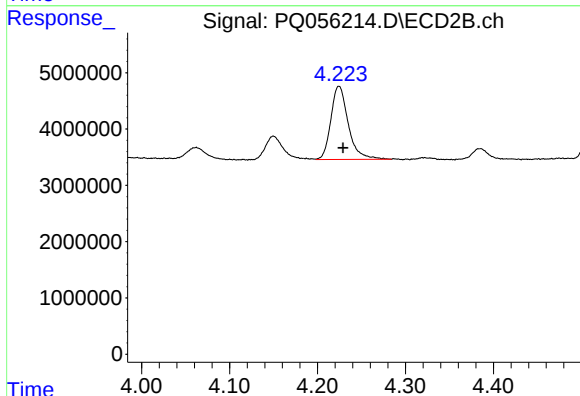
R.T.: 4.224 min
Delta R.T.: -0.005 min
Response: 17916482
Conc: 64.47 ng/ml



#11 AR-1232-1

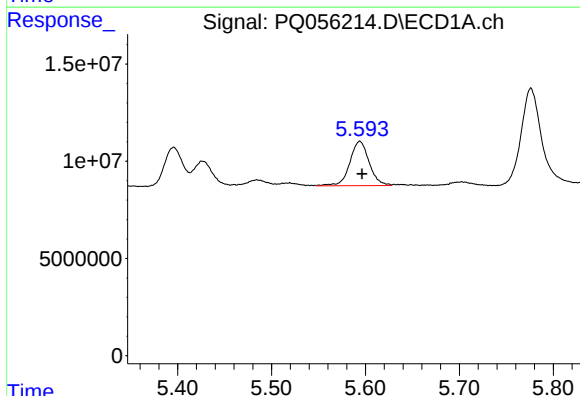
R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 22731172
Conc: 75.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



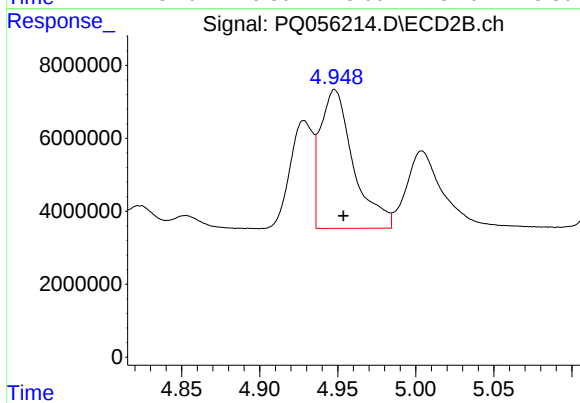
#11 AR-1232-1

R.T.: 4.224 min
Delta R.T.: -0.005 min
Response: 17916482
Conc: 78.23 ng/ml



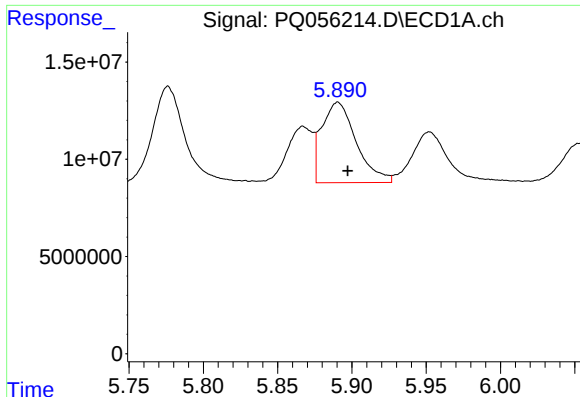
#12 AR-1232-2

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 32752802
Conc: 185.69 ng/ml



#12 AR-1232-2

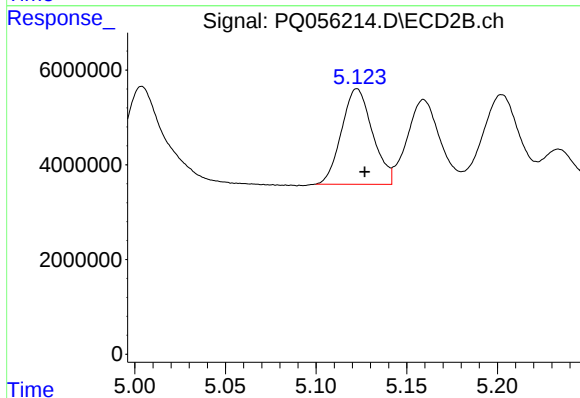
R.T.: 4.948 min
Delta R.T.: -0.006 min
Response: 56024379
Conc: 220.28 ng/ml



#13 AR-1232-3

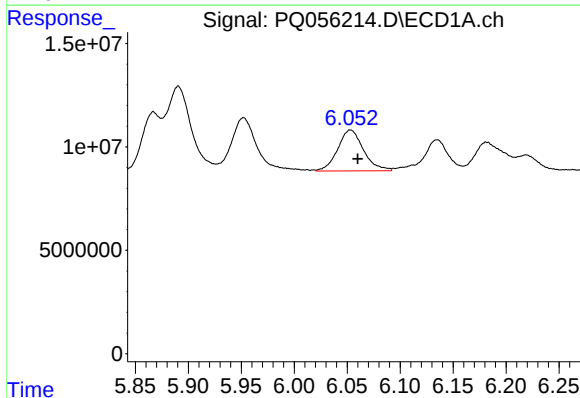
R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 66778156
Conc: 207.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



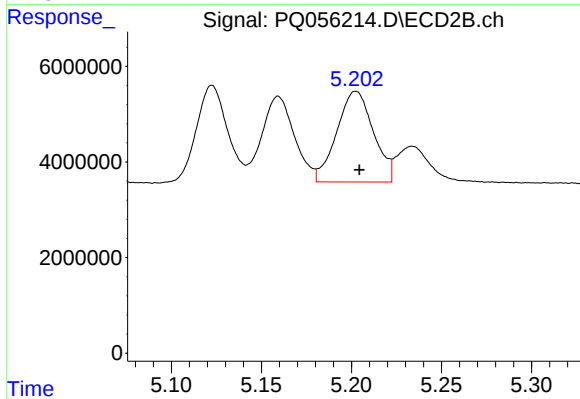
#13 AR-1232-3

R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 23931246
Conc: 227.57 ng/ml



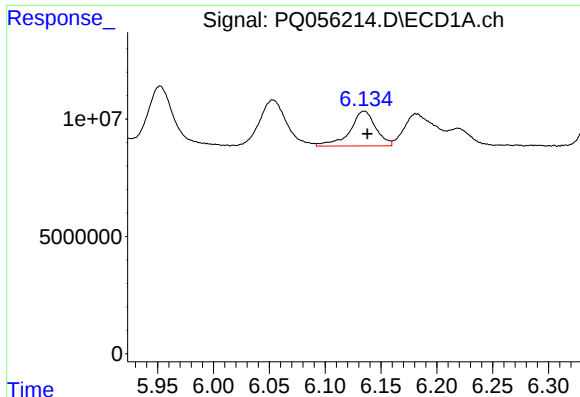
#14 AR-1232-4

R.T.: 6.053 min
Delta R.T.: -0.007 min
Response: 33645533
Conc: 209.91 ng/ml



#14 AR-1232-4

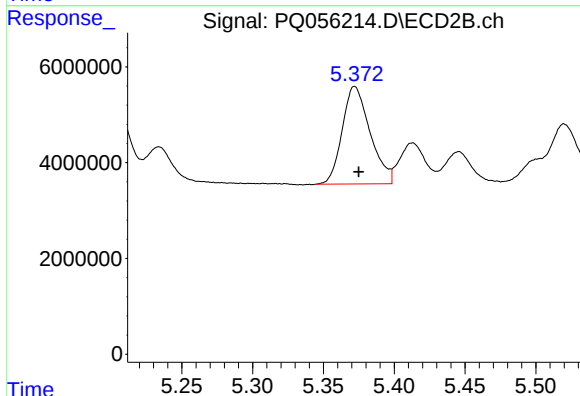
R.T.: 5.202 min
Delta R.T.: -0.002 min
Response: 26915992
Conc: 243.42 ng/ml



#15 AR-1232-5

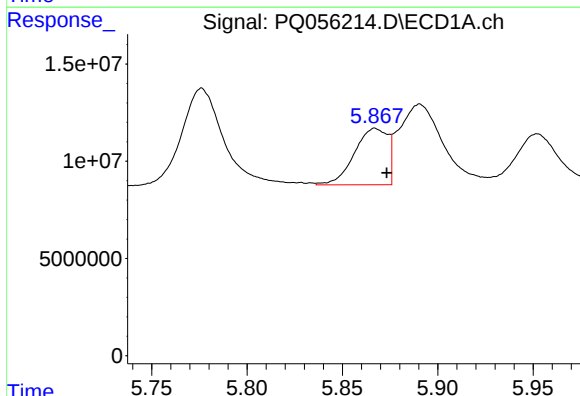
R.T.: 6.135 min
Delta R.T.: -0.003 min
Response: 24040544
Conc: 237.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



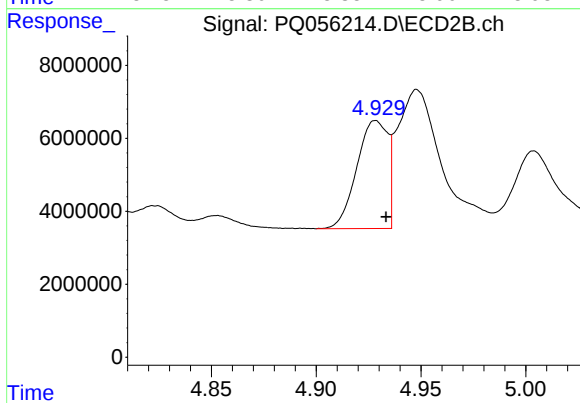
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 27947004
Conc: 234.90 ng/ml



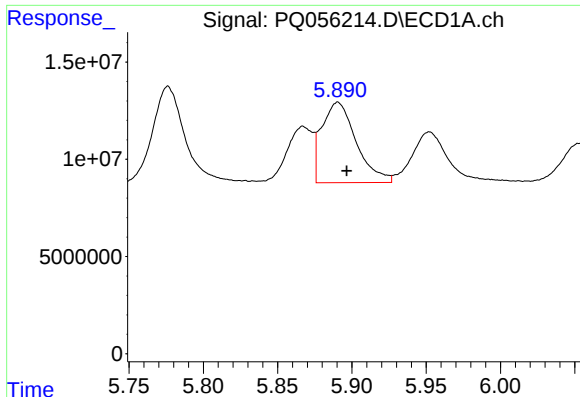
#16 AR-1242-1

R.T.: 5.867 min
Delta R.T.: -0.006 min
Response: 35389704
Conc: 135.63 ng/ml



#16 AR-1242-1

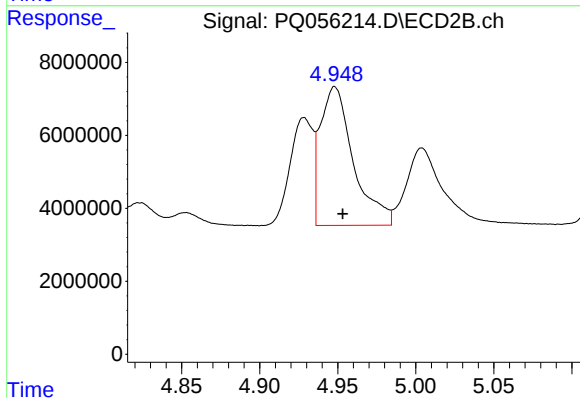
R.T.: 4.928 min
Delta R.T.: -0.005 min
Response: 30387160
Conc: 123.02 ng/ml



#17 AR-1242-2

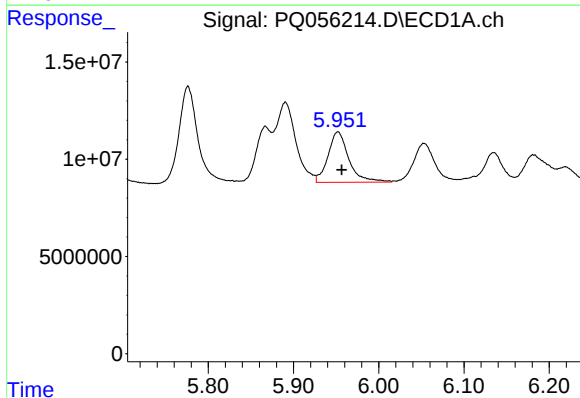
R.T.: 5.891 min
Delta R.T.: -0.006 min
Response: 66778156
Conc: 115.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



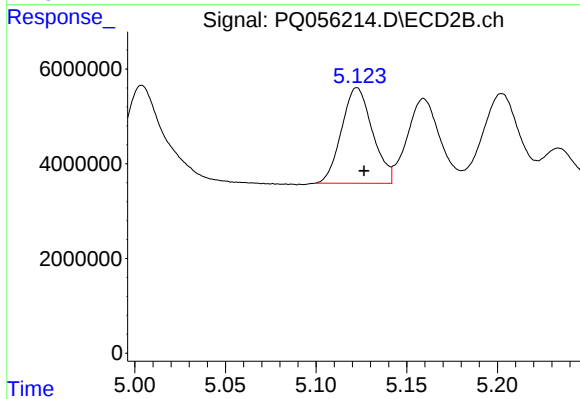
#17 AR-1242-2

R.T.: 4.948 min
Delta R.T.: -0.005 min
Response: 56024379
Conc: 118.11 ng/ml



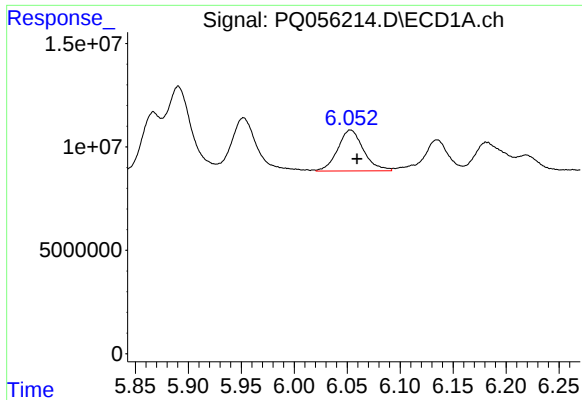
#18 AR-1242-3

R.T.: 5.952 min
Delta R.T.: -0.005 min
Response: 44179869
Conc: 112.37 ng/ml



#18 AR-1242-3

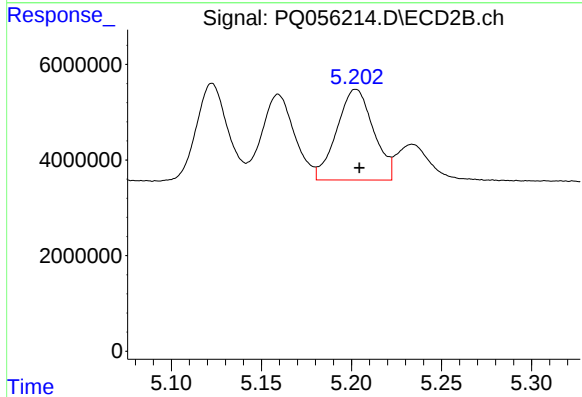
R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 23931246
Conc: 118.94 ng/ml



#19 AR-1242-4

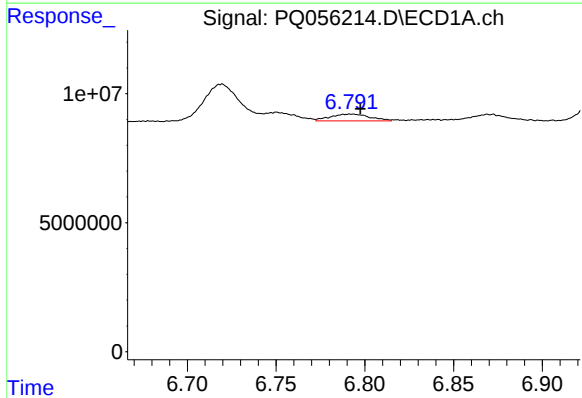
R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 33645533
Conc: 111.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



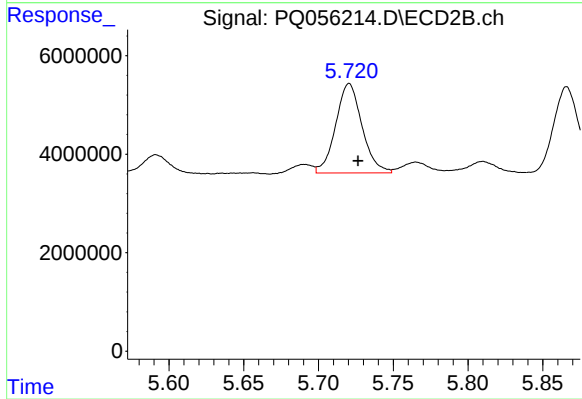
#19 AR-1242-4

R.T.: 5.202 min
Delta R.T.: -0.002 min
Response: 26915992
Conc: 117.75 ng/ml



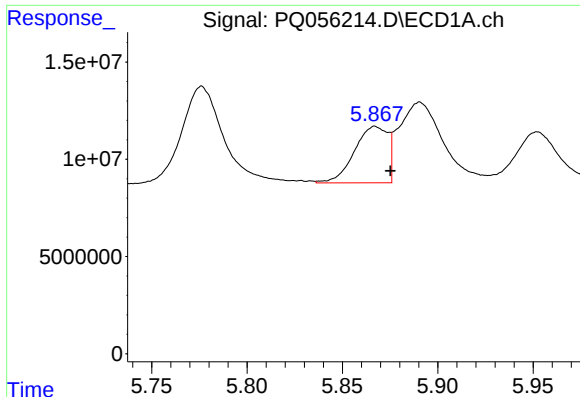
#20 AR-1242-5

R.T.: 6.792 min
Delta R.T.: -0.006 min
Response: 4007389
Conc: 12.48 ng/ml



#20 AR-1242-5

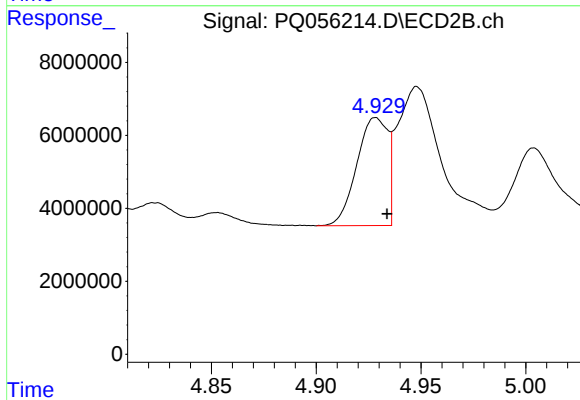
R.T.: 5.721 min
Delta R.T.: -0.006 min
Response: 22259294
Conc: 80.95 ng/ml



#21 AR-1248-1

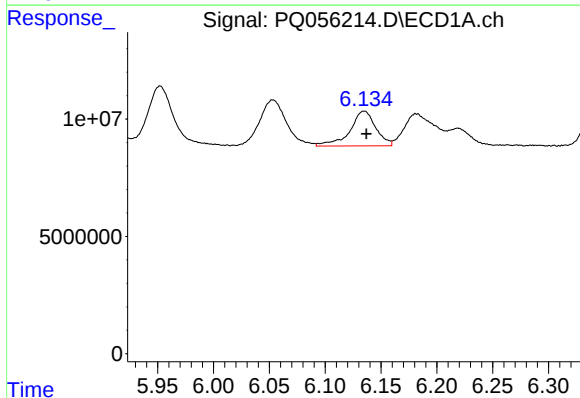
R.T.: 5.867 min
Delta R.T.: -0.008 min
Response: 35389704
Conc: 184.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



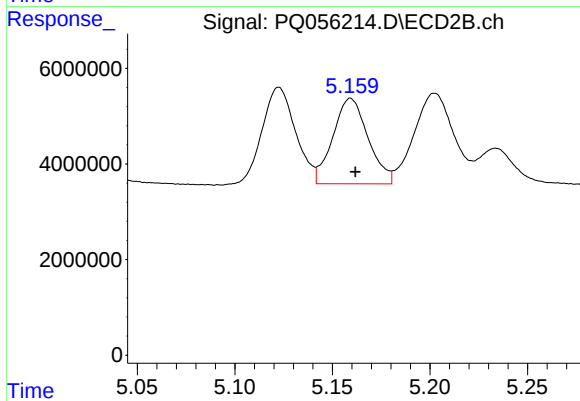
#21 AR-1248-1

R.T.: 4.928 min
Delta R.T.: -0.005 min
Response: 30387160
Conc: 162.42 ng/ml



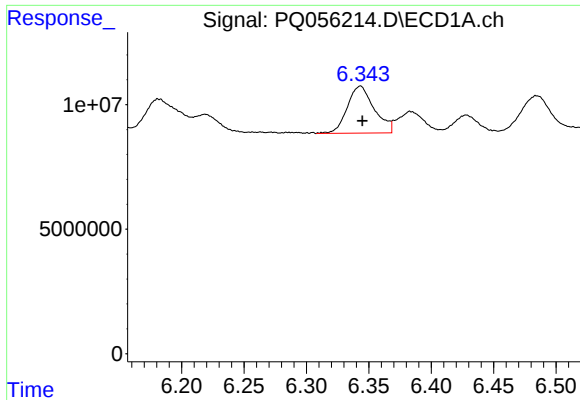
#22 AR-1248-2

R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 24040544
Conc: 73.29 ng/ml



#22 AR-1248-2

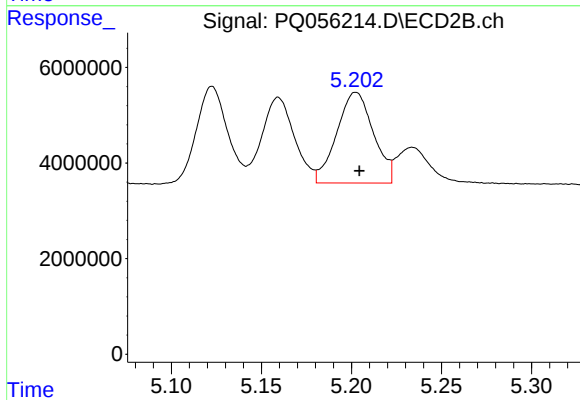
R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 22522996
Conc: 69.12 ng/ml



#23 AR-1248-3

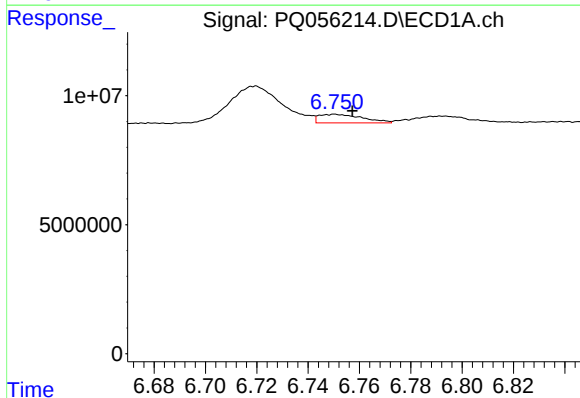
R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 28497064
Conc: 70.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



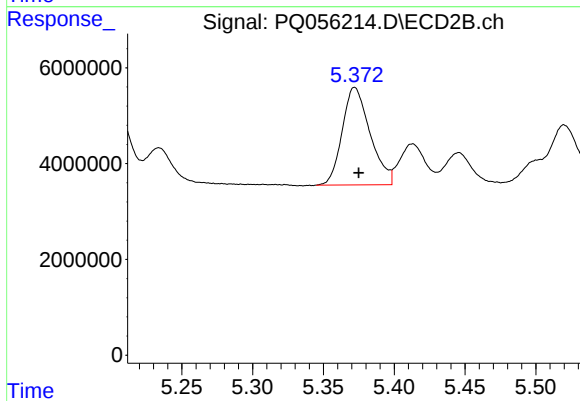
#23 AR-1248-3

R.T.: 5.202 min
Delta R.T.: -0.002 min
Response: 26915992
Conc: 79.18 ng/ml



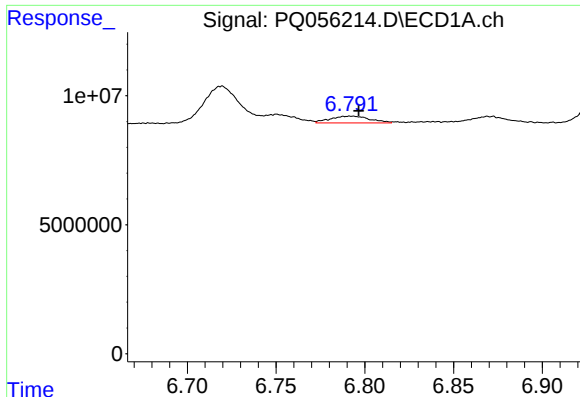
#24 AR-1248-4

R.T.: 6.750 min
Delta R.T.: -0.007 min
Response: 3890382
Conc: 8.44 ng/ml



#24 AR-1248-4

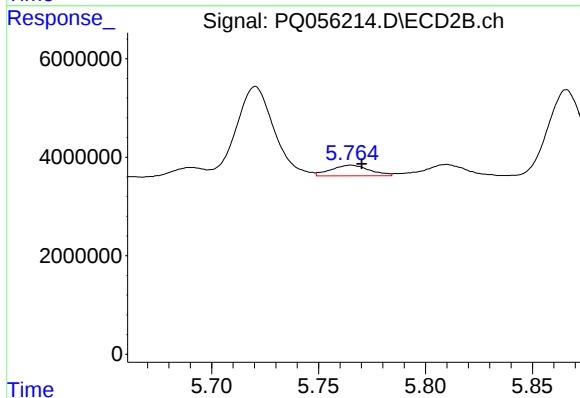
R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 27947004
Conc: 71.50 ng/ml



#25 AR-1248-5

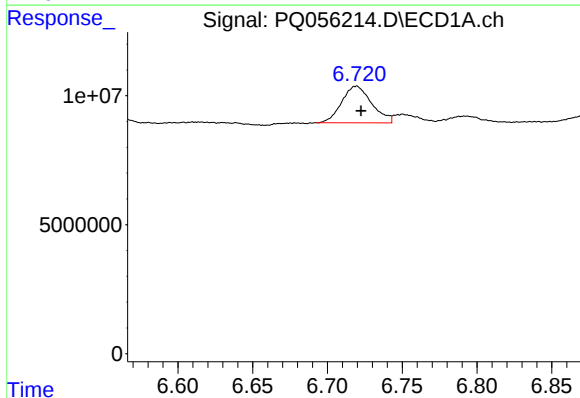
R.T.: 6.792 min
Delta R.T.: -0.005 min
Response: 4007389
Conc: 7.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



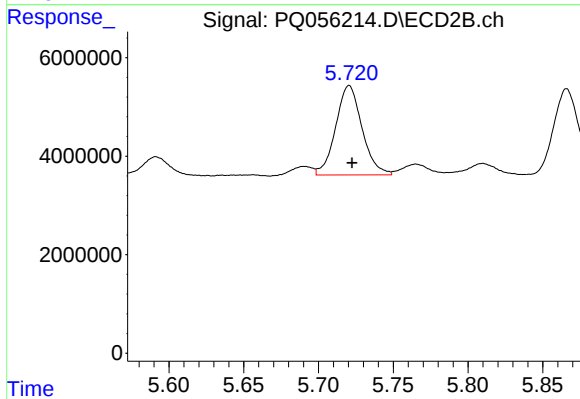
#25 AR-1248-5

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 2703136
Conc: 6.77 ng/ml



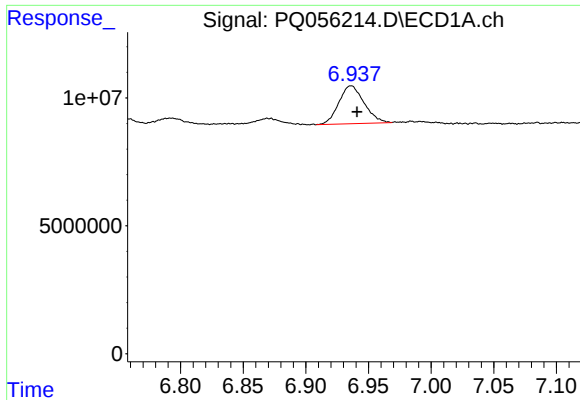
#26 AR-1254-1

R.T.: 6.720 min
Delta R.T.: -0.003 min
Response: 19873728
Conc: 48.09 ng/ml



#26 AR-1254-1

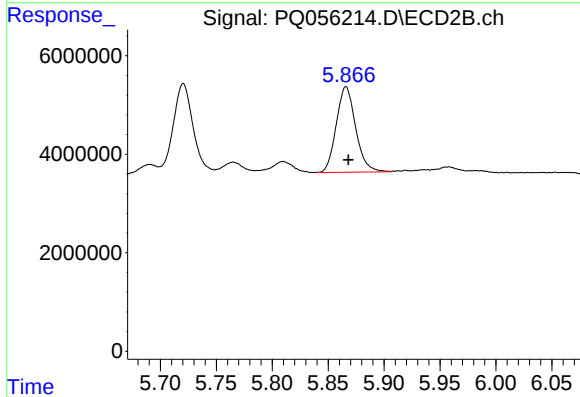
R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 22259294
Conc: 35.89 ng/ml



#27 AR-1254-2

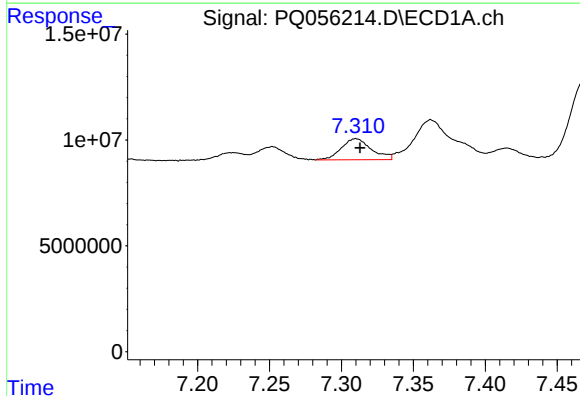
R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 20878898
Conc: 31.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



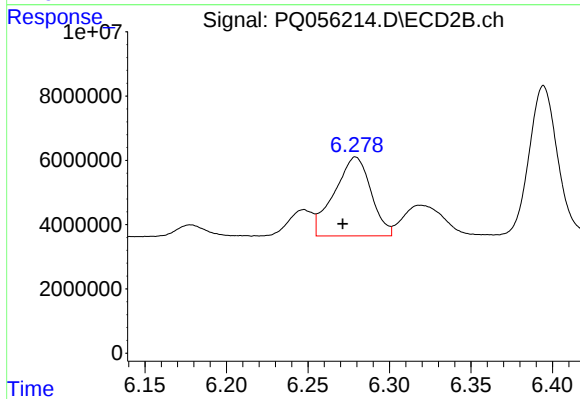
#27 AR-1254-2

R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 20990989
Conc: 39.69 ng/ml



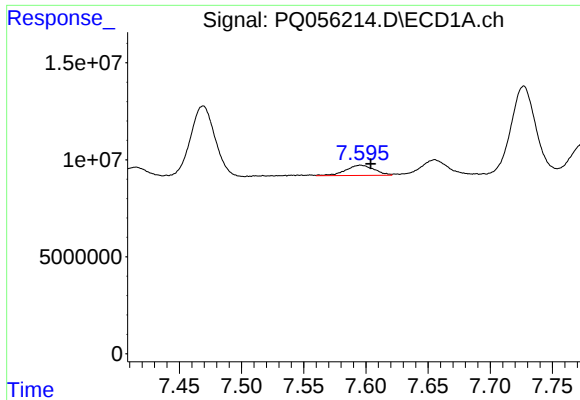
#28 AR-1254-3

R.T.: 7.310 min
Delta R.T.: -0.003 min
Response: 14628134
Conc: 17.92 ng/ml



#28 AR-1254-3

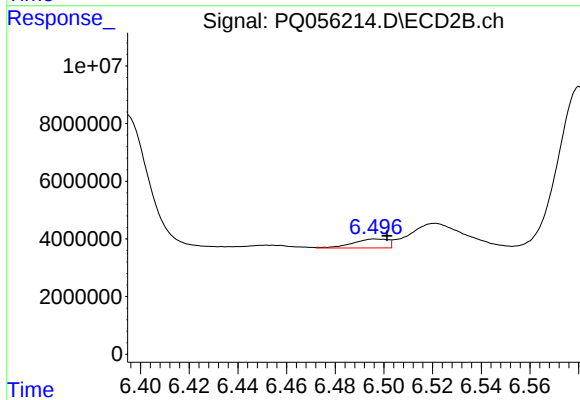
R.T.: 6.279 min
Delta R.T.: 0.008 min
Response: 38356778
Conc: 44.34 ng/ml



#29 AR-1254-4

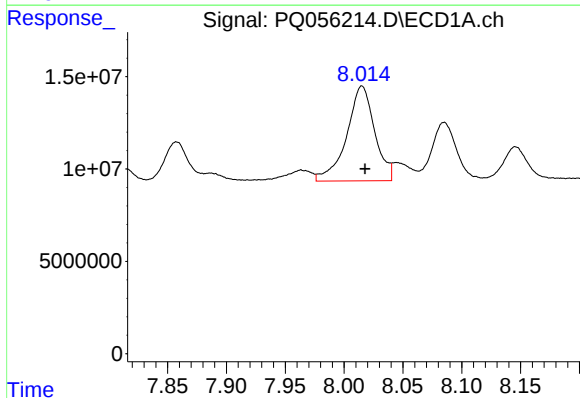
R.T.: 7.596 min
Delta R.T.: -0.008 min
Response: 8514065
Conc: 14.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



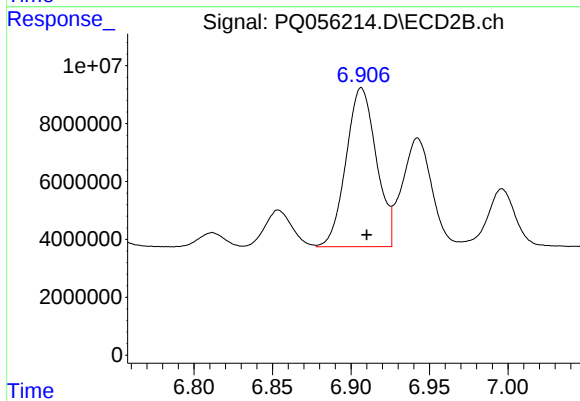
#29 AR-1254-4

R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 3094362
Conc: 4.96 ng/ml



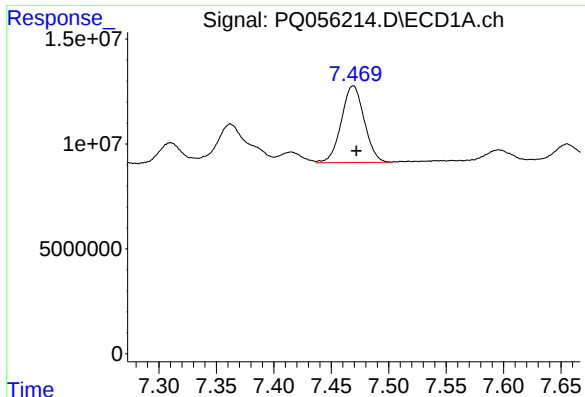
#30 AR-1254-5

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 85171454
Conc: 109.58 ng/ml



#30 AR-1254-5

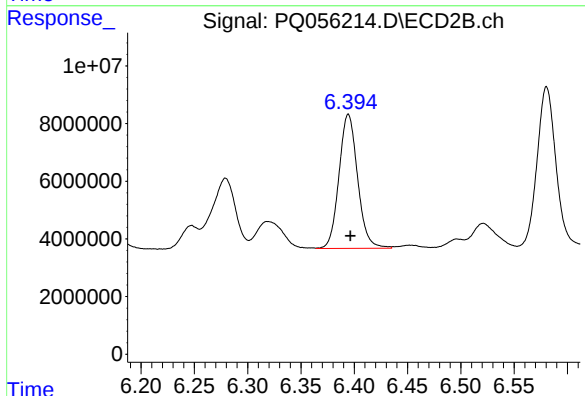
R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 73821285
Conc: 94.46 ng/ml



#31 AR-1260-1

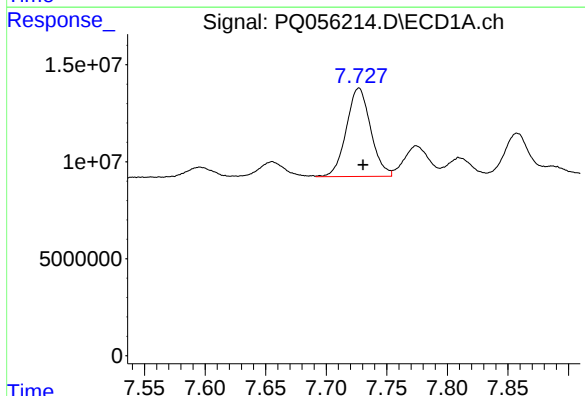
R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 50740580
Conc: 98.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



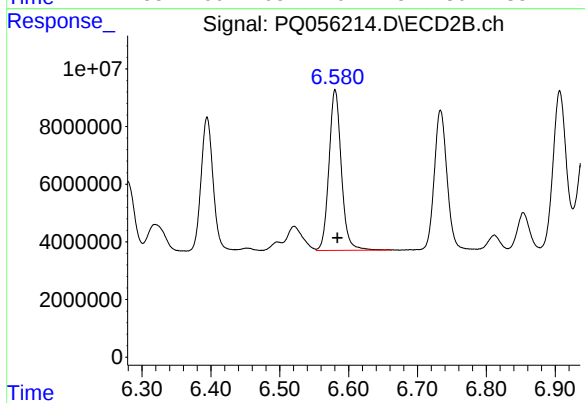
#31 AR-1260-1

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 56592824
Conc: 101.22 ng/ml



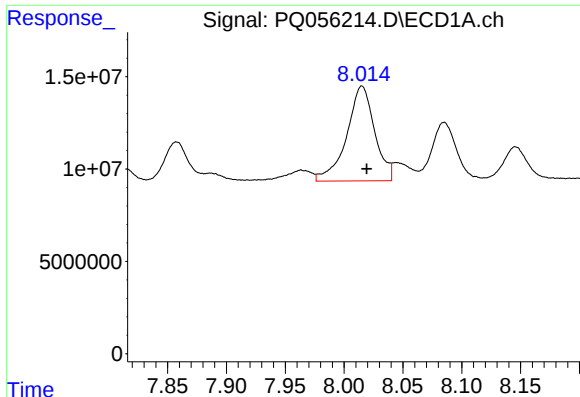
#32 AR-1260-2

R.T.: 7.727 min
Delta R.T.: -0.003 min
Response: 63628375
Conc: 102.72 ng/ml



#32 AR-1260-2

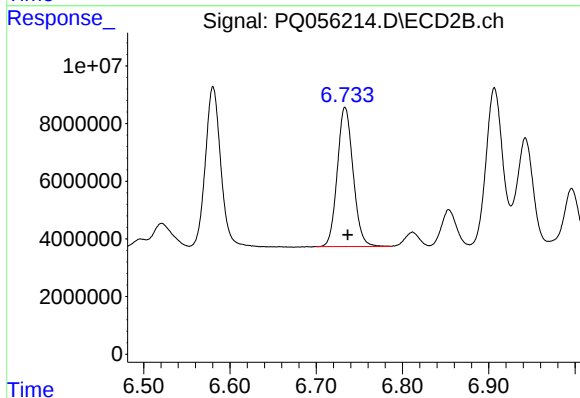
R.T.: 6.580 min
Delta R.T.: -0.003 min
Response: 69679653
Conc: 105.30 ng/ml



#33 AR-1260-3

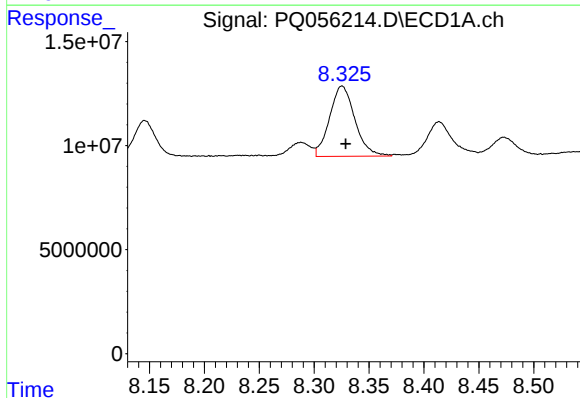
R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 85171454
Conc: 95.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



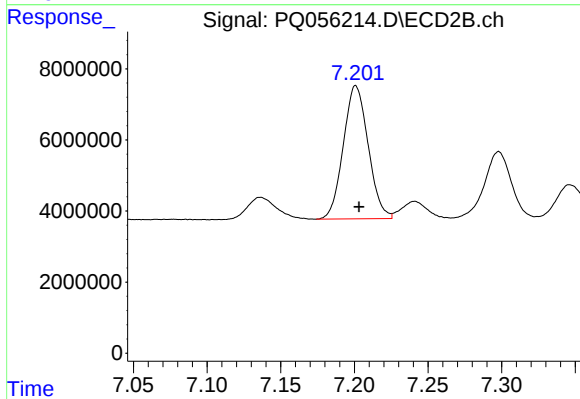
#33 AR-1260-3

R.T.: 6.733 min
Delta R.T.: -0.003 min
Response: 61474771
Conc: 98.06 ng/ml



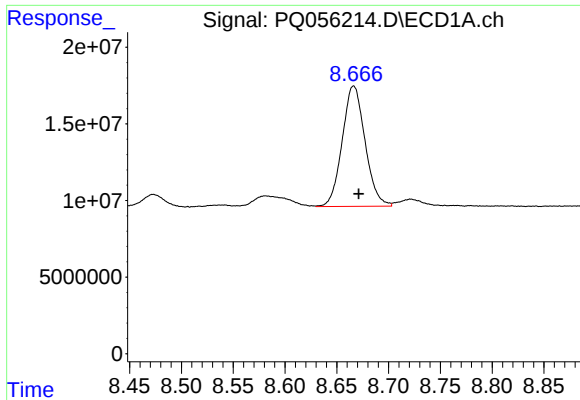
#34 AR-1260-4

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 54248382
Conc: 88.30 ng/ml



#34 AR-1260-4

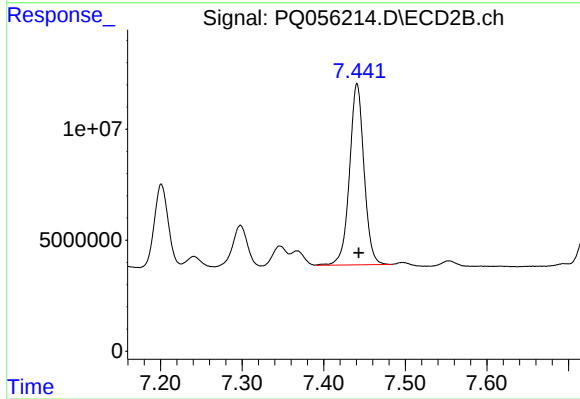
R.T.: 7.201 min
Delta R.T.: -0.002 min
Response: 44079392
Conc: 83.19 ng/ml



#35 AR-1260-5

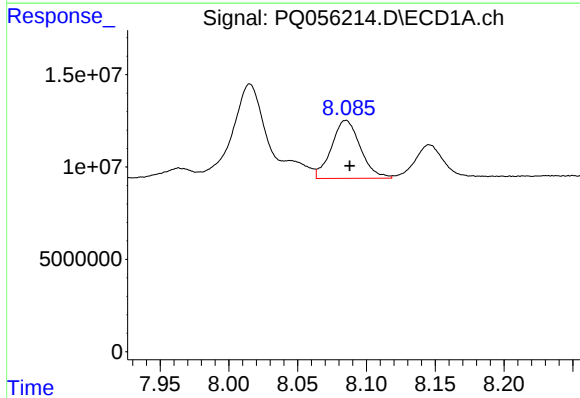
R.T.: 8.666 min
Delta R.T.: -0.005 min
Response: 120828607
Conc: 85.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



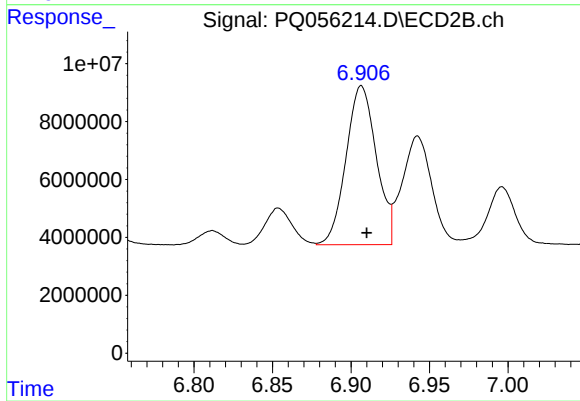
#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: -0.002 min
Response: 100982957
Conc: 80.16 ng/ml



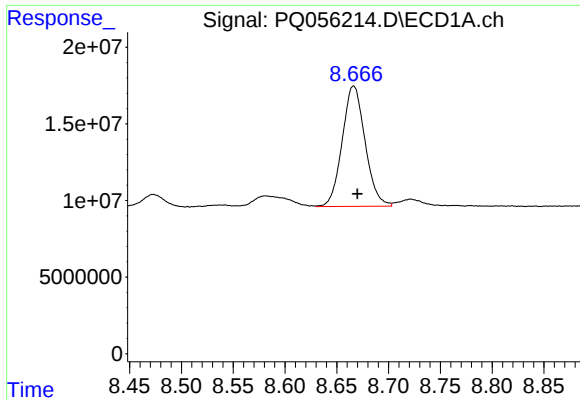
#36 AR-1262-1

R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 45906100
Conc: 58.71 ng/ml



#36 AR-1262-1

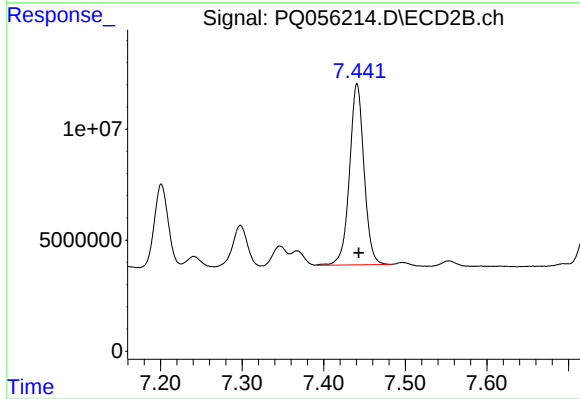
R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 73821285
Conc: 189.87 ng/ml



#37 AR-1262-2

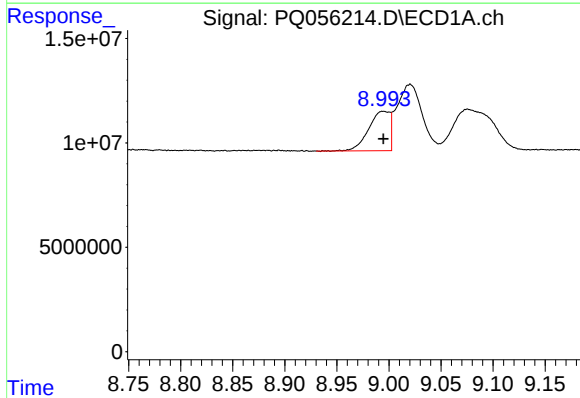
R.T.: 8.666 min
Delta R.T.: -0.004 min
Response: 120828607
Conc: 71.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



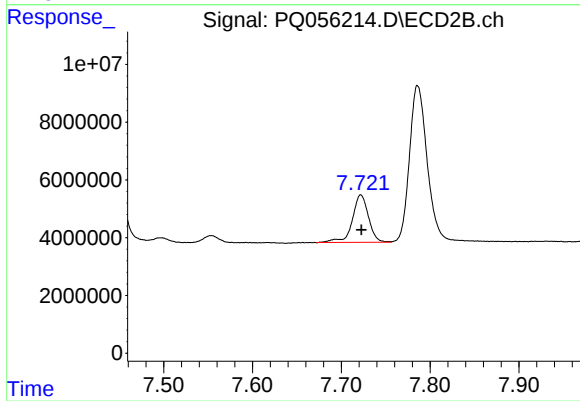
#37 AR-1262-2

R.T.: 7.441 min
Delta R.T.: -0.002 min
Response: 100982957
Conc: 67.76 ng/ml



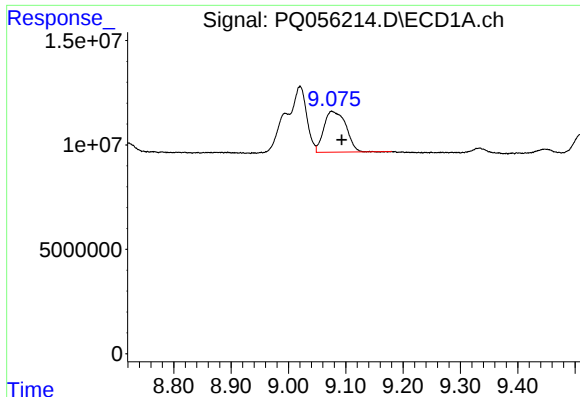
#38 AR-1262-3

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 26860611
Conc: 30.36 ng/ml



#38 AR-1262-3

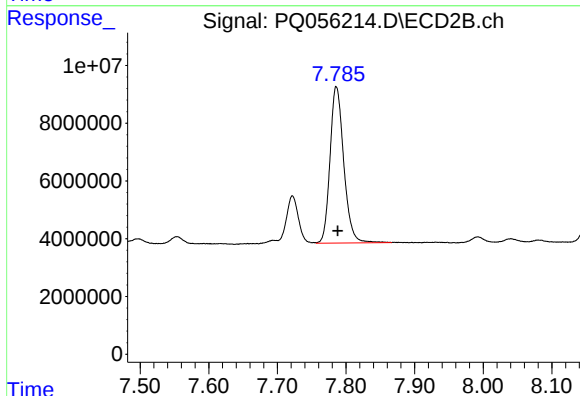
R.T.: 7.722 min
Delta R.T.: 0.000 min
Response: 20757818
Conc: 35.61 ng/ml



#39 AR-1262-4

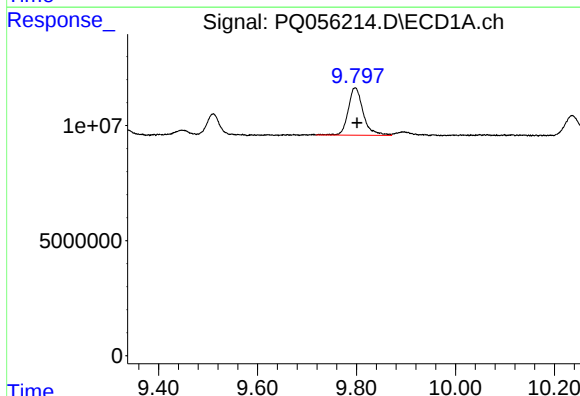
R.T.: 9.075 min
Delta R.T.: -0.018 min
Response: 52411972
Conc: 67.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



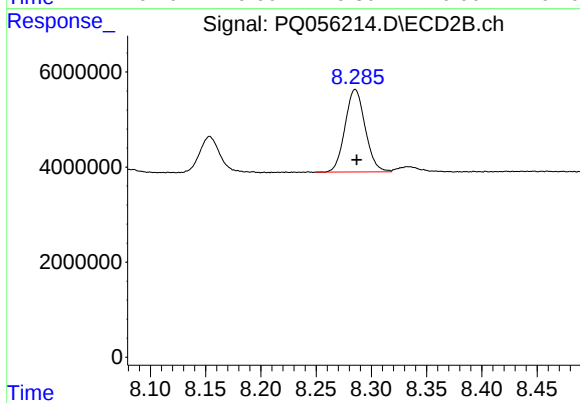
#39 AR-1262-4

R.T.: 7.786 min
Delta R.T.: -0.002 min
Response: 75279970
Conc: 68.85 ng/ml



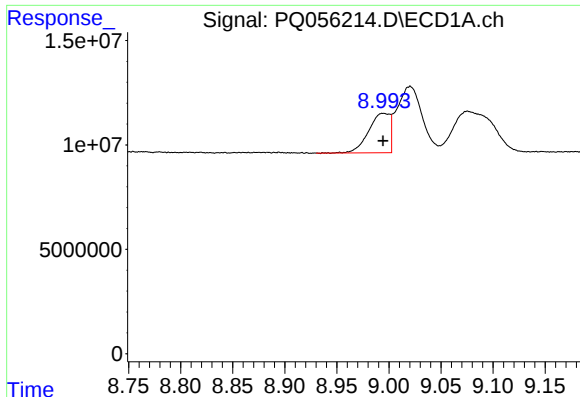
#40 AR-1262-5

R.T.: 9.797 min
Delta R.T.: -0.003 min
Response: 43270195
Conc: 53.02 ng/ml



#40 AR-1262-5

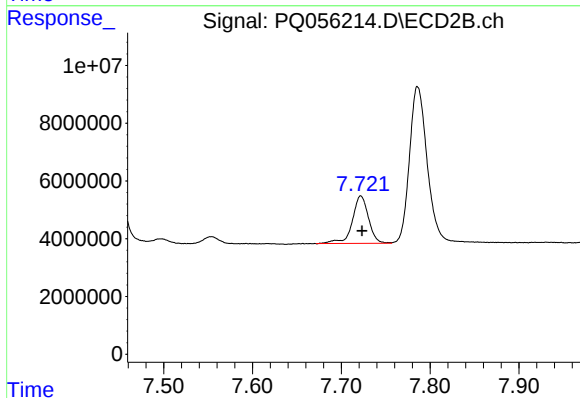
R.T.: 8.285 min
Delta R.T.: -0.001 min
Response: 22028595
Conc: 45.88 ng/ml



#41 AR-1268-1

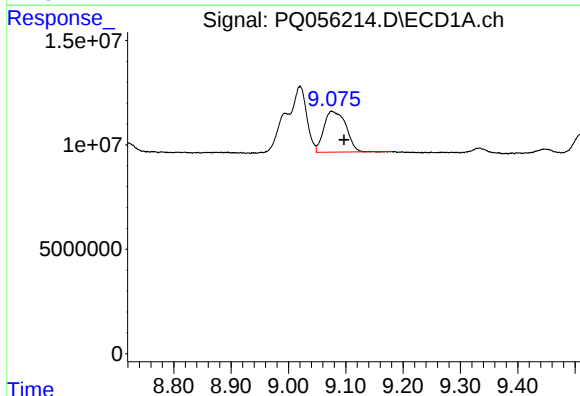
R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 26860611
Conc: 12.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



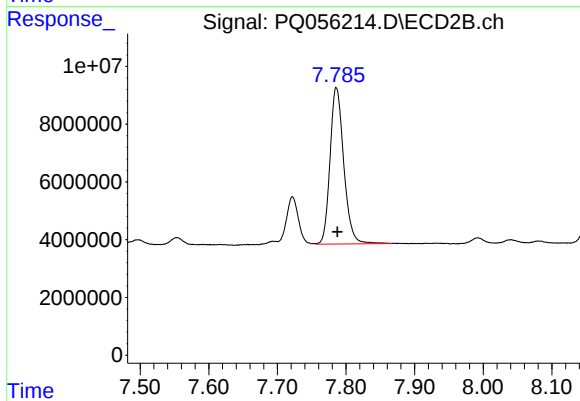
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: -0.001 min
Response: 20757818
Conc: 12.28 ng/ml



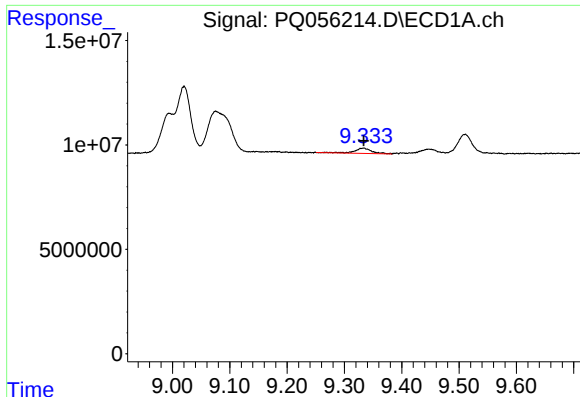
#42 AR-1268-2

R.T.: 9.075 min
Delta R.T.: -0.022 min
Response: 52411972
Conc: 22.99 ng/ml



#42 AR-1268-2

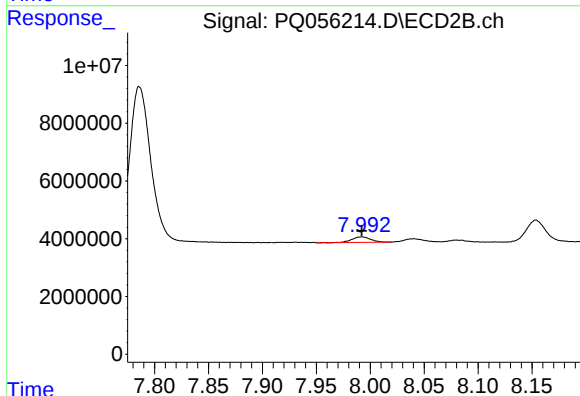
R.T.: 7.786 min
Delta R.T.: -0.002 min
Response: 75279970
Conc: 48.27 ng/ml



#43 AR-1268-3

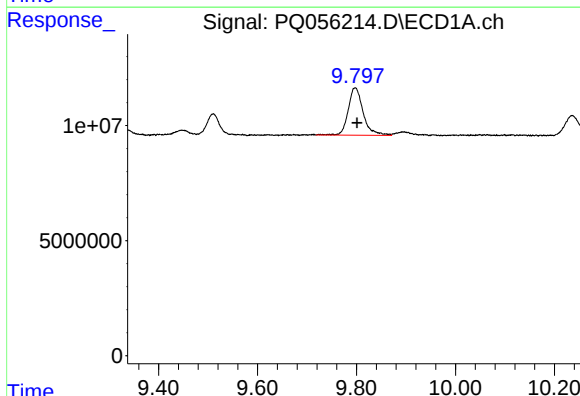
R.T.: 9.334 min
Delta R.T.: 0.000 min
Response: 5360542
Conc: 2.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



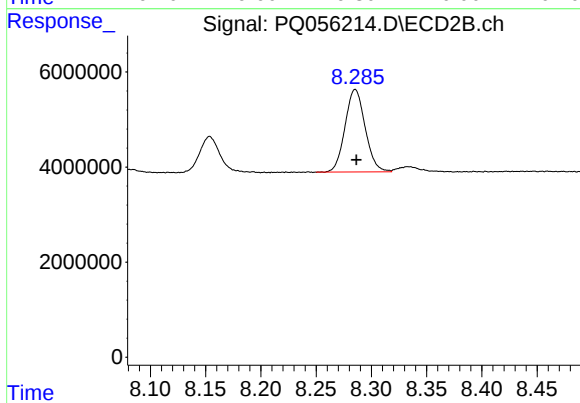
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 2321979
Conc: 1.80 ng/ml



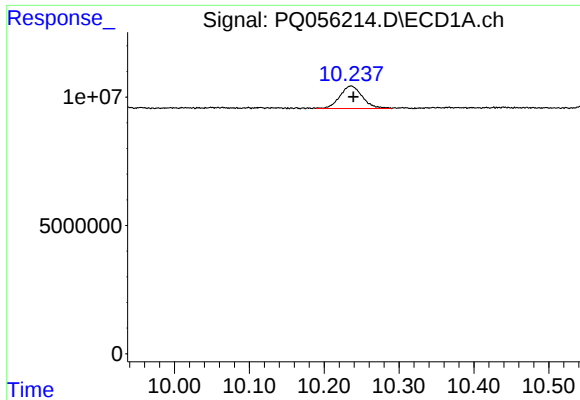
#44 AR-1268-4

R.T.: 9.797 min
Delta R.T.: -0.004 min
Response: 43270195
Conc: 48.72 ng/ml



#44 AR-1268-4

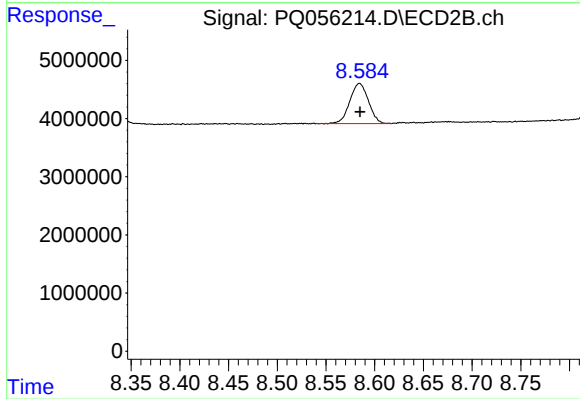
R.T.: 8.285 min
Delta R.T.: -0.001 min
Response: 22028595
Conc: 41.09 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: -0.003 min
Response: 18531110
Conc: 2.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 9217387
Conc: 2.25 ng/ml