

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092518\
 Data File : PQ032207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2018 18:19
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:49:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 21 05:45:25 2018
 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...	4.595	3.874	55713603	45370355	26.344	25.976
2)	SA Decachlor...	10.449	8.948	59859893	56259087	28.465	30.340
Target Compounds							
3)	L1 AR-1016-1	5.772	4.972	33177252	31853081	445.647	484.921
4)	L1 AR-1016-2	5.795	4.991	48290127	44463215	429.513	475.371
5)	L1 AR-1016-3	5.858	5.170	28933395	23009903	430.002	474.073
6)	L1 AR-1016-4	5.958	5.208	23720194	17469177	431.905	472.906
7)	L1 AR-1016-5	6.253	5.425	24035156	23178804	419.379	453.973
8)	L2 AR-1221-1	4.800	4.089	2977126	2542197	147.700	140.876
9)	L2 AR-1221-2	4.892	4.177	4132131	3406171	283.003	275.231
10)	L2 AR-1221-3	4.970	4.254	17593120	15582177	343.089	351.739
11)	L3 AR-1232-1	4.970	4.254	17593120	15582177	494.317	504.456
12)	L3 AR-1232-2	5.504	4.991	24139559	44463215	1305.934	1344.176
13)	L3 AR-1232-3	5.795	5.170	48290127	23009903	1256.142	1375.805
14)	L3 AR-1232-4	5.958	5.251	23720194	21482809	1309.122	1442.285
15)	L3 AR-1232-5	6.045	5.425	19879065	23178804	1417.649	1449.211
16)	L4 AR-1242-1	5.772	4.972	33177252	31853081	654.635	699.196
17)	L4 AR-1242-2	5.795	4.991	48290127	44463215	631.847	699.596
18)	L4 AR-1242-3	5.858	5.170	28933395	23009903	617.536	675.034
19)	L4 AR-1242-4	5.958	5.251	23720194	21482809	633.268	637.619
20)	L4 AR-1242-5	6.696	5.778	6247904	22698789	143.650	513.420 #
21)	L5 AR-1248-1	5.772	4.972	33177252	31853081	704.229	774.574
22)	L5 AR-1248-2	6.045	5.208	19879065	17469177	289.519	311.156
23)	L5 AR-1248-3	6.253	5.251	24035156	21482809	307.973	372.701
24)	L5 AR-1248-4	6.657	5.425	7616840	23178804	83.601	325.615 #
25)	L5 AR-1248-5	6.696	5.820	6247904	5466292	72.394	76.957
26)	L6 AR-1254-1	6.630	5.778	21855754	22698789	222.603	190.254
27)	L6 AR-1254-2	6.847	5.924	18852381	16201765	121.743	154.678 #
28)	L6 AR-1254-3	7.217	6.345	8736387	35704962	51.826	200.779 #
29)	L6 AR-1254-4	7.502	6.559	5746367	2825819	45.948	24.831 #
30)	L6 AR-1254-5	7.921	6.977	55303503	51901915	400.657	334.332
31)	L7 AR-1260-1	7.380	6.461	41679227	42314385	336.023	378.285
32)	L7 AR-1260-2	7.636	6.646	48402341	50473581	329.621	371.301
33)	L7 AR-1260-3	7.996	6.803	33095716	45373685	313.554	361.244
34)	L7 AR-1260-4	8.229	7.276	37290926	34362969	306.630	337.251
35)	L7 AR-1260-5	8.560	7.514	71852537	78743506	297.240	318.858
36)	L8 AR-1262-1	7.996	7.013	33095716	37076525	233.483	265.831
37)	L8 AR-1262-2	8.560	7.514	71852537	78743506	275.670	300.222
38)	L8 AR-1262-3	8.903	7.799	44021891	15376302	253.016	157.403 #
39)	L8 AR-1262-4	8.961	7.864	25343559	53021111	194.997	283.016 #
40)	L8 AR-1262-5	9.665	8.371	17088689	17039086	183.387	195.124
41)	L9 AR-1268-1	8.903	7.799	44021891	15376302	126.715	45.962 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 21 05:45:25 2018
 Response via : Initial Calibration
 Integrator: ChemStation

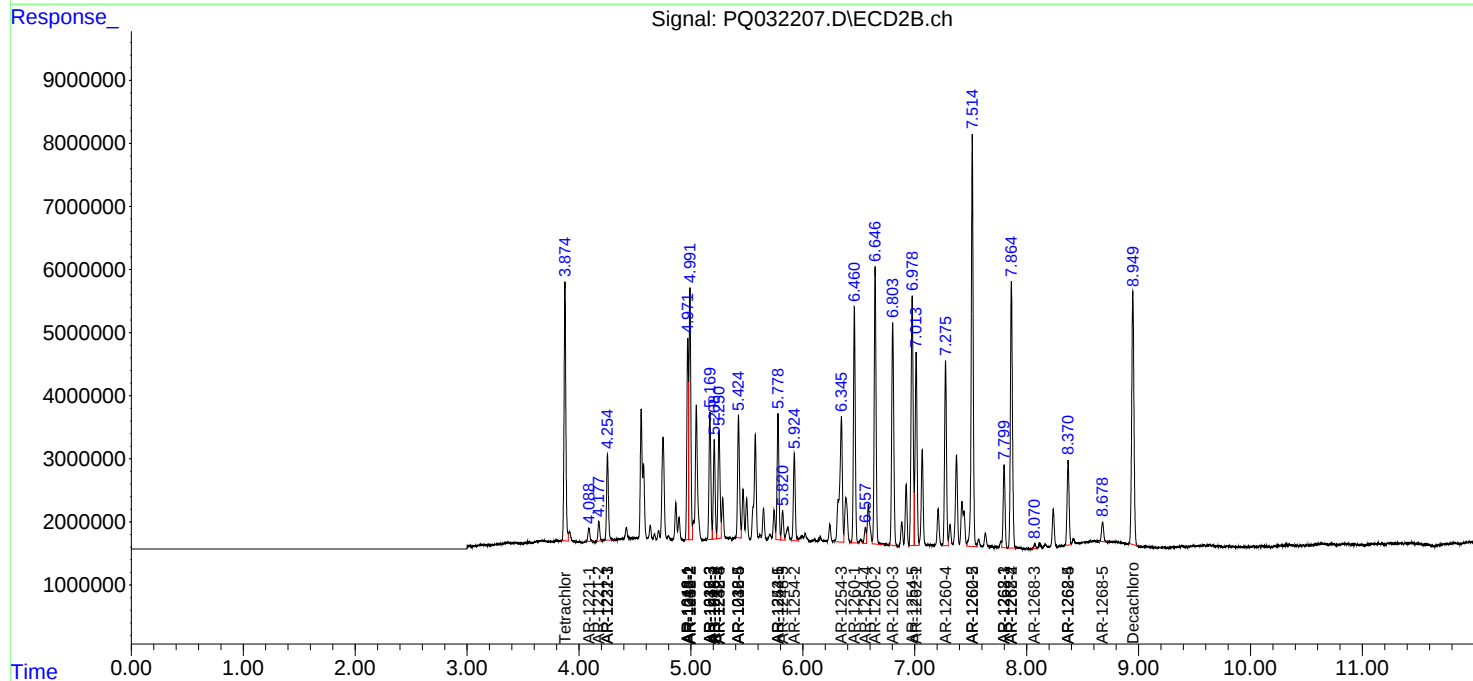
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

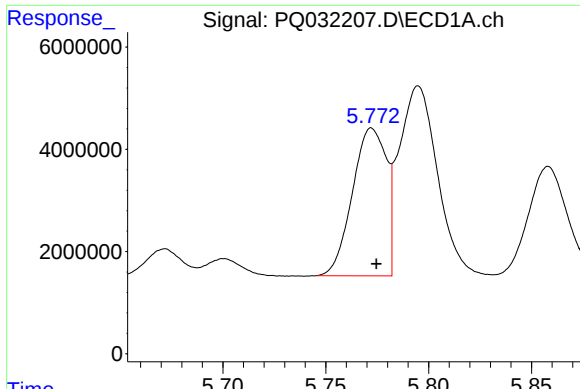
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.961	7.864	25343559	53021111	80.291	176.112 #
43) L9	AR-1268-3	9.220	8.072	760208	766223	2.846	3.078
44) L9	AR-1268-4	9.665	8.371	17088689	17039086	147.233	157.684
45) L9	AR-1268-5	10.098	8.679	4371390	4172853	5.088	5.258

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

Instrument :
ECD_Q
ClientSampleId :

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

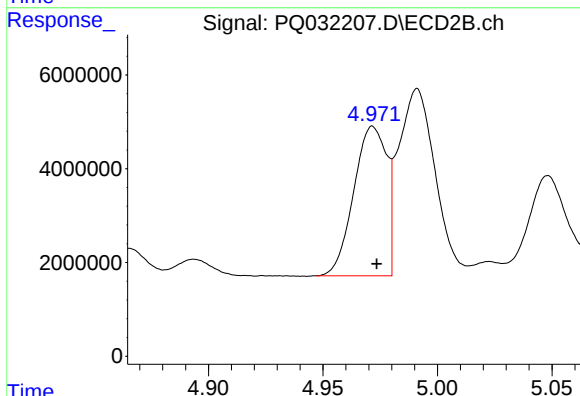




#3 AR-1016-1

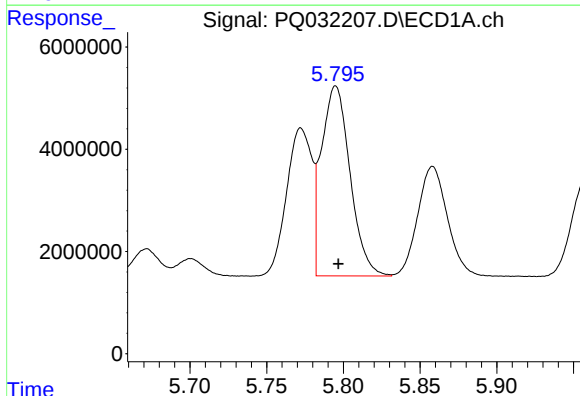
R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 33177252
Conc: 445.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



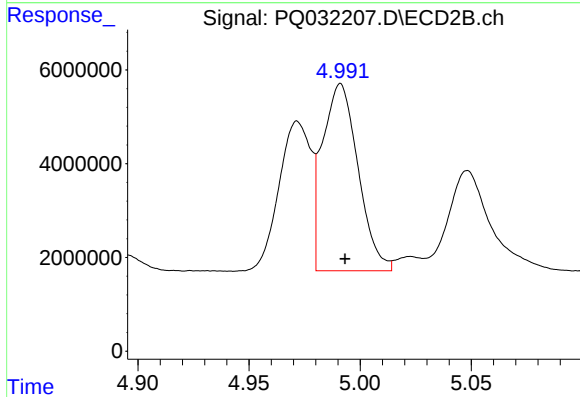
#3 AR-1016-1

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 31853081
Conc: 484.92 ng/ml



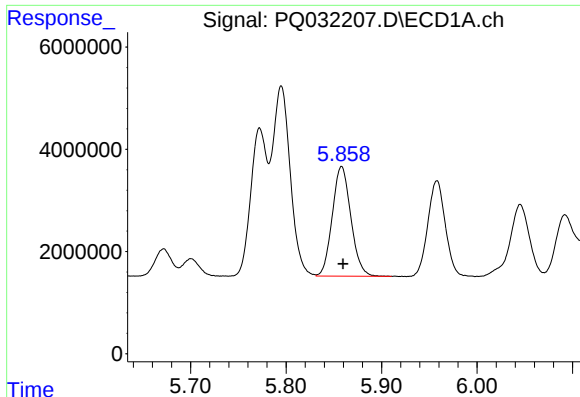
#4 AR-1016-2

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 48290127
Conc: 429.51 ng/ml



#4 AR-1016-2

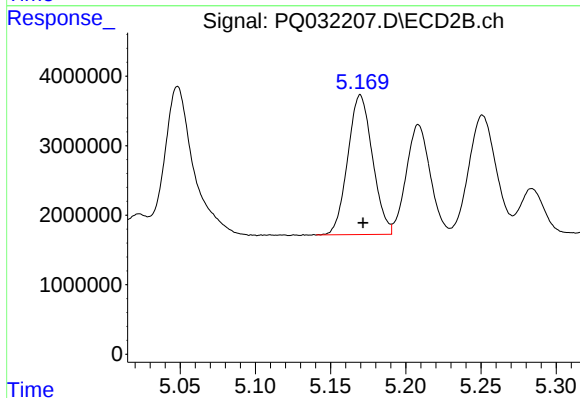
R.T.: 4.991 min
Delta R.T.: -0.002 min
Response: 44463215
Conc: 475.37 ng/ml



#5 AR-1016-3

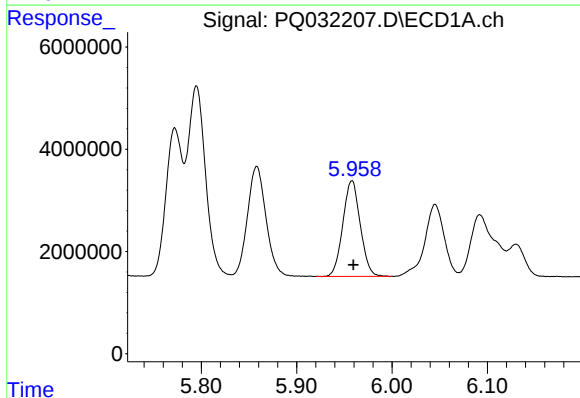
R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 28933395
Conc: 430.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



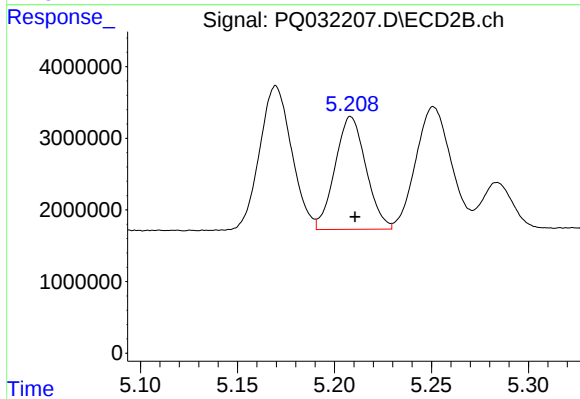
#5 AR-1016-3

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 23009903
Conc: 474.07 ng/ml



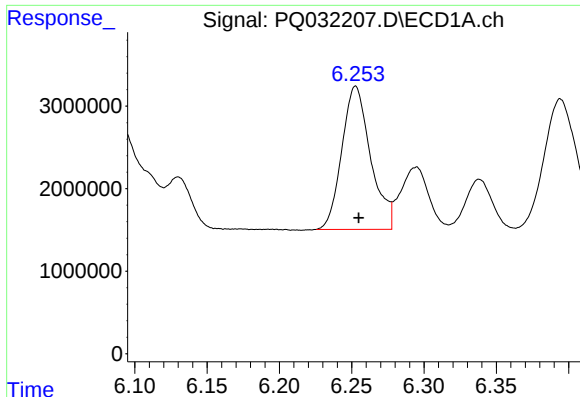
#6 AR-1016-4

R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 23720194
Conc: 431.90 ng/ml



#6 AR-1016-4

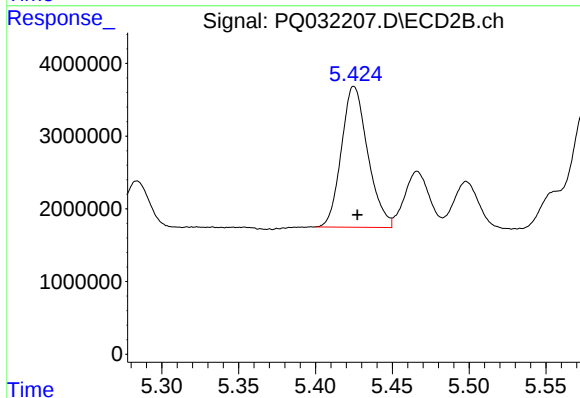
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 17469177
Conc: 472.91 ng/ml



#7 AR-1016-5

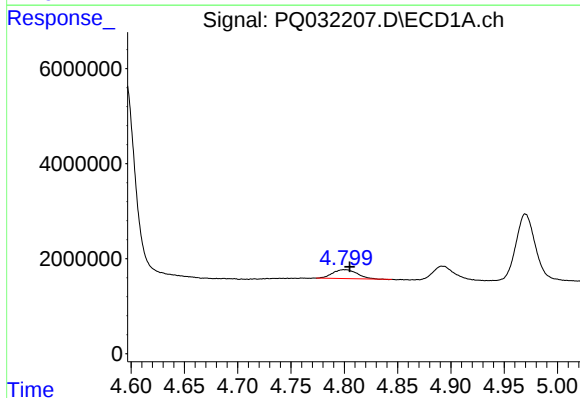
R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 24035156
Conc: 419.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



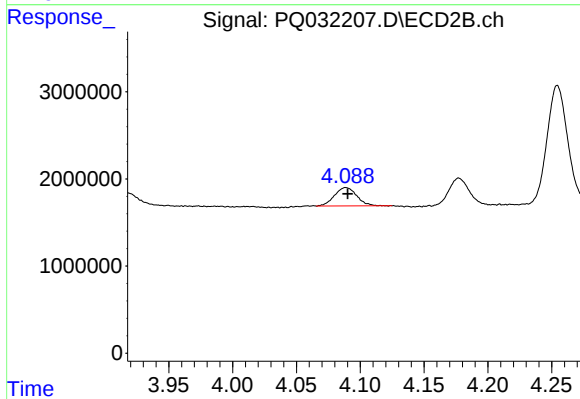
#7 AR-1016-5

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 23178804
Conc: 453.97 ng/ml



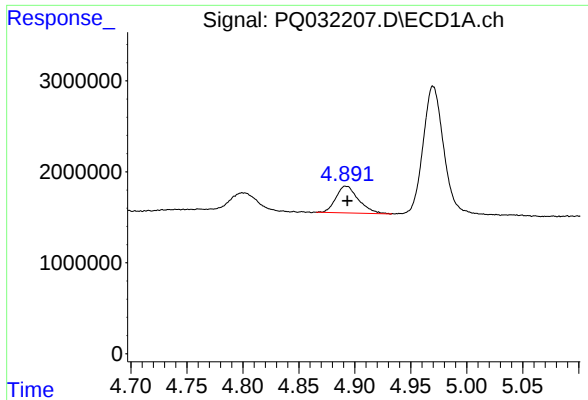
#8 AR-1221-1

R.T.: 4.800 min
Delta R.T.: -0.005 min
Response: 2977126
Conc: 147.70 ng/ml



#8 AR-1221-1

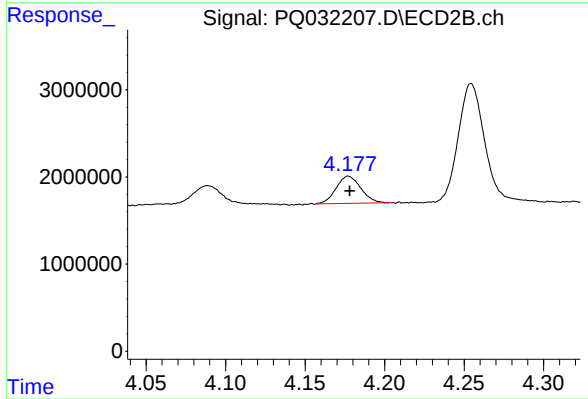
R.T.: 4.089 min
Delta R.T.: -0.001 min
Response: 2542197
Conc: 140.88 ng/ml



#9 AR-1221-2

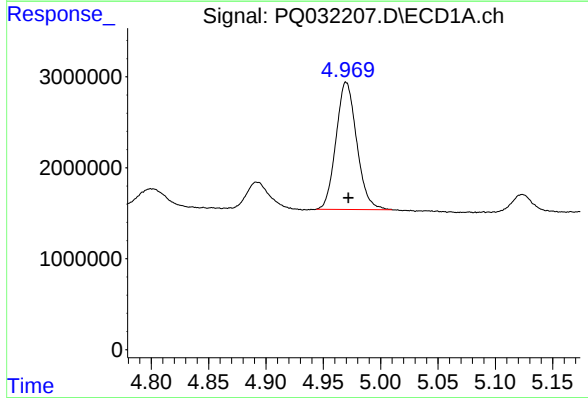
R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 4132131
Conc: 283.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



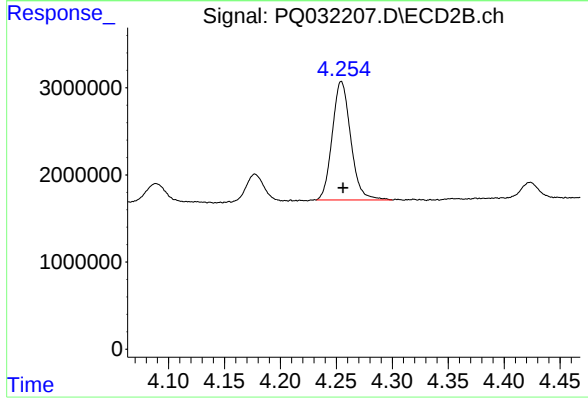
#9 AR-1221-2

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 3406171
Conc: 275.23 ng/ml



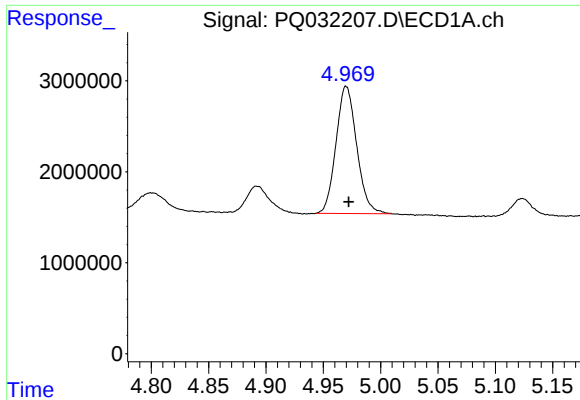
#10 AR-1221-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 17593120
Conc: 343.09 ng/ml



#10 AR-1221-3

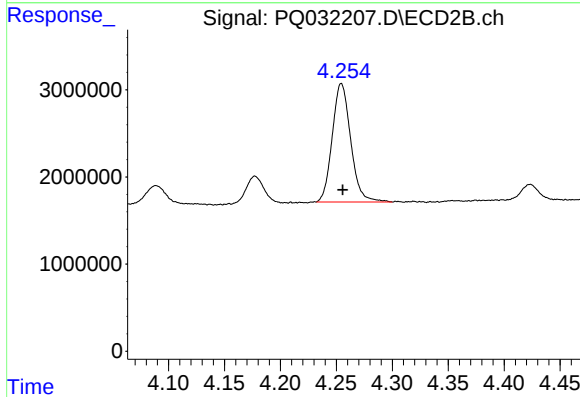
R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 15582177
Conc: 351.74 ng/ml



#11 AR-1232-1

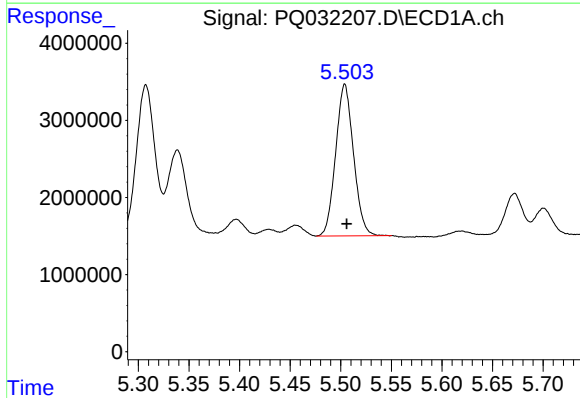
R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 17593120
Conc: 494.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



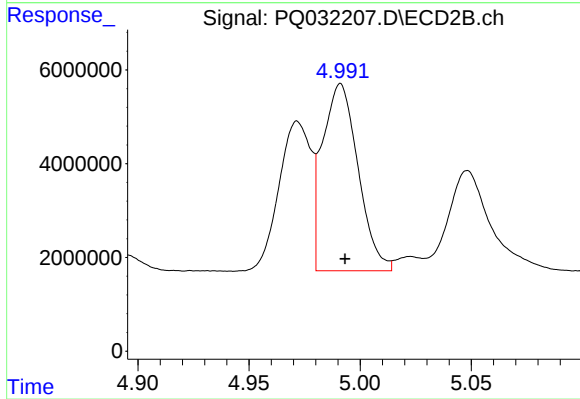
#11 AR-1232-1

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 15582177
Conc: 504.46 ng/ml



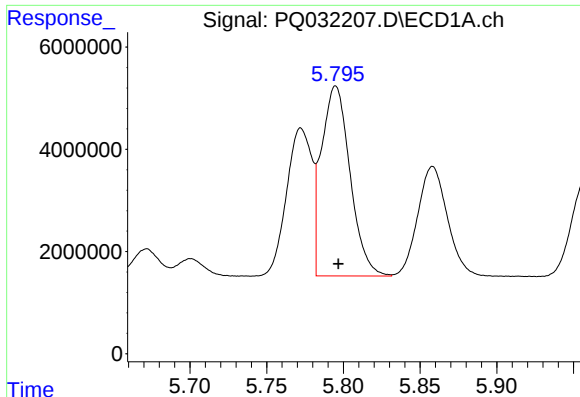
#12 AR-1232-2

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 24139559
Conc: 1305.93 ng/ml



#12 AR-1232-2

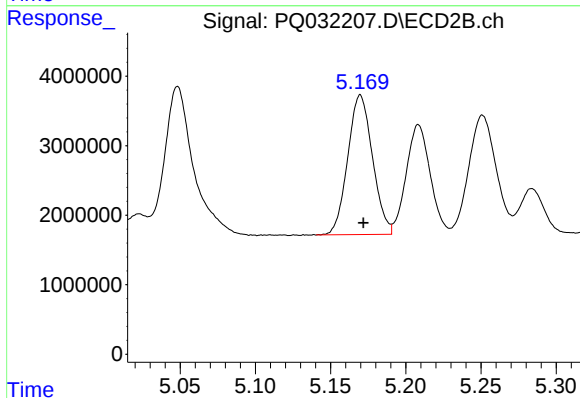
R.T.: 4.991 min
Delta R.T.: -0.002 min
Response: 44463215
Conc: 1344.18 ng/ml



#13 AR-1232-3

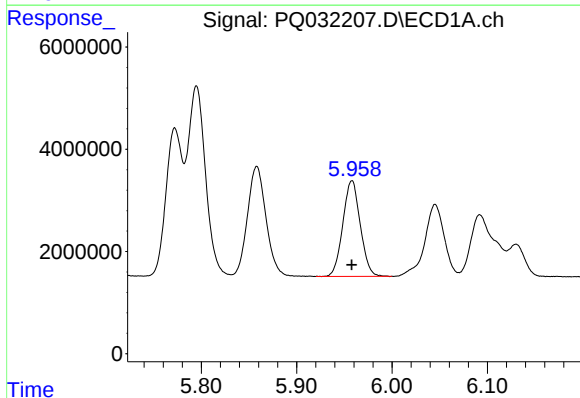
R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 48290127
Conc: 1256.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



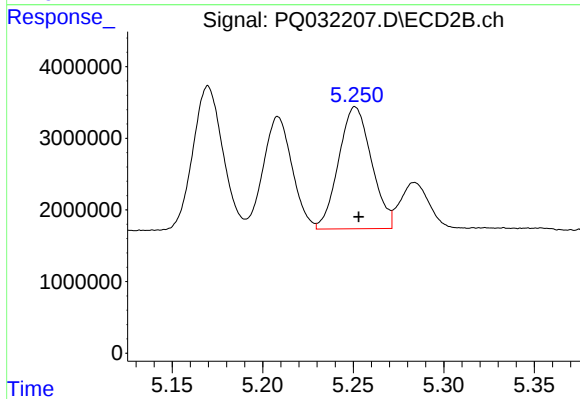
#13 AR-1232-3

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 23009903
Conc: 1375.80 ng/ml



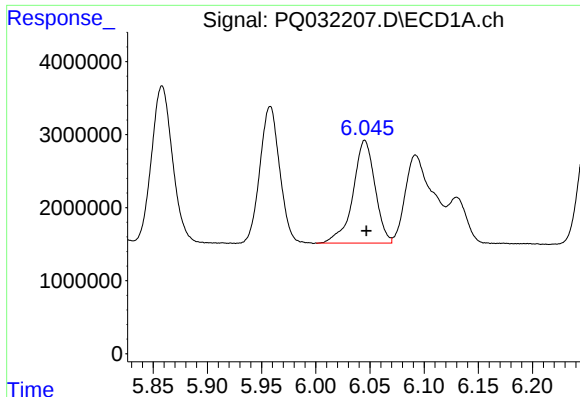
#14 AR-1232-4

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 23720194
Conc: 1309.12 ng/ml



#14 AR-1232-4

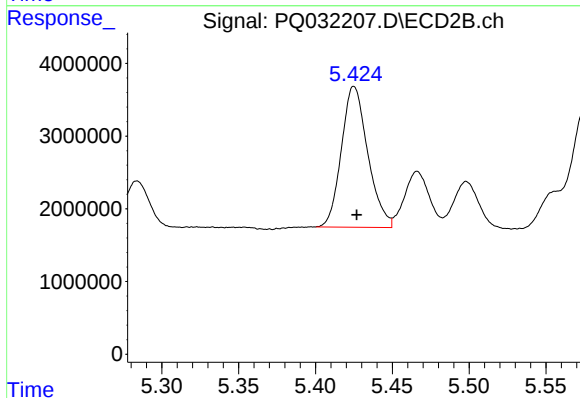
R.T.: 5.251 min
Delta R.T.: -0.002 min
Response: 21482809
Conc: 1442.28 ng/ml



#15 AR-1232-5

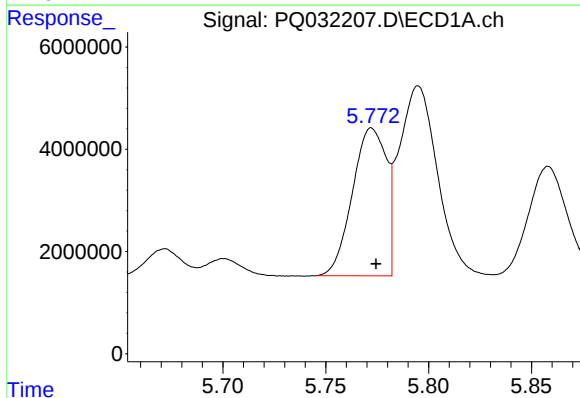
R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 19879065
Conc: 1417.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



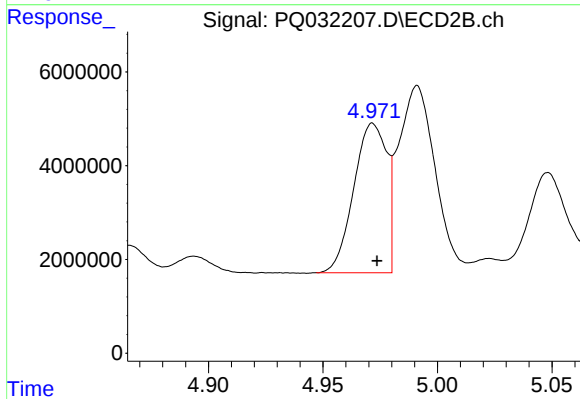
#15 AR-1232-5

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 23178804
Conc: 1449.21 ng/ml



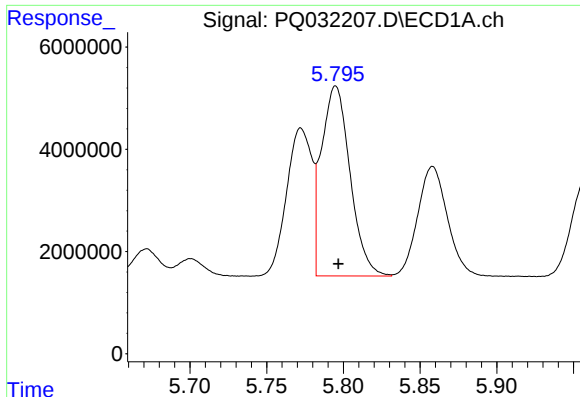
#16 AR-1242-1

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 33177252
Conc: 654.63 ng/ml



#16 AR-1242-1

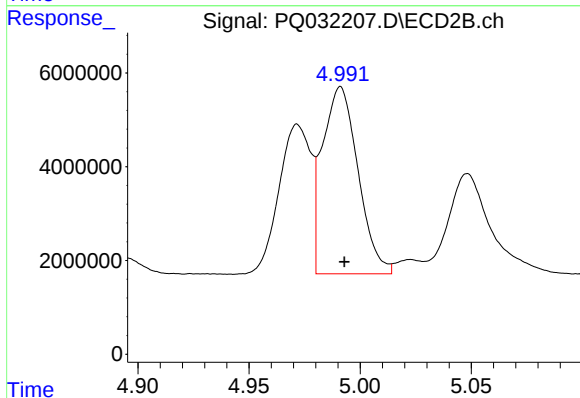
R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 31853081
Conc: 699.20 ng/ml



#17 AR-1242-2

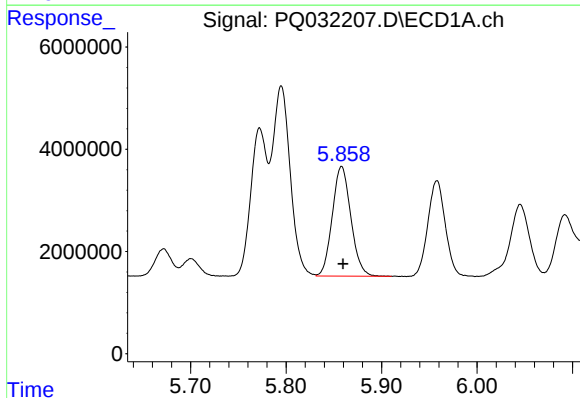
R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 48290127
Conc: 631.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



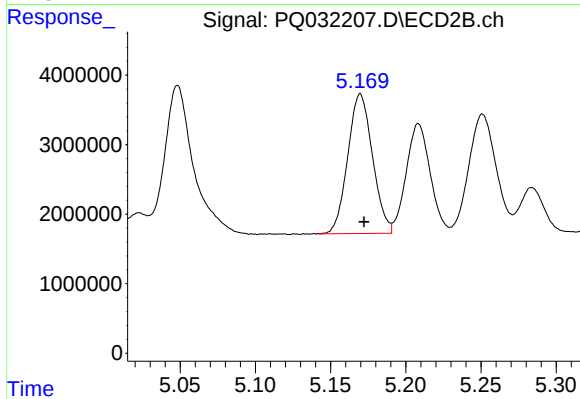
#17 AR-1242-2

R.T.: 4.991 min
Delta R.T.: -0.002 min
Response: 44463215
Conc: 699.60 ng/ml



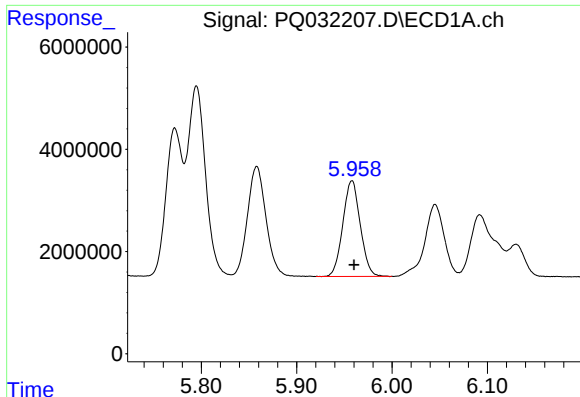
#18 AR-1242-3

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 28933395
Conc: 617.54 ng/ml



#18 AR-1242-3

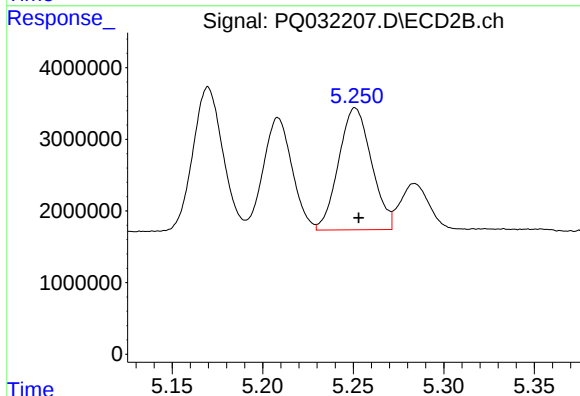
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 23009903
Conc: 675.03 ng/ml



#19 AR-1242-4

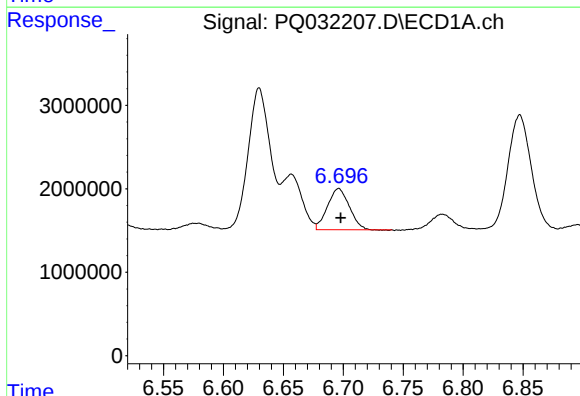
R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 23720194
Conc: 633.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



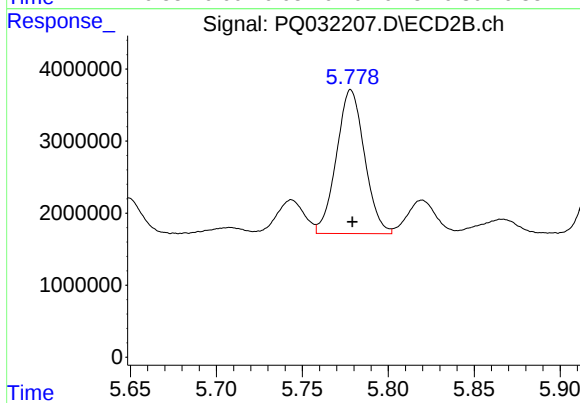
#19 AR-1242-4

R.T.: 5.251 min
Delta R.T.: -0.002 min
Response: 21482809
Conc: 637.62 ng/ml



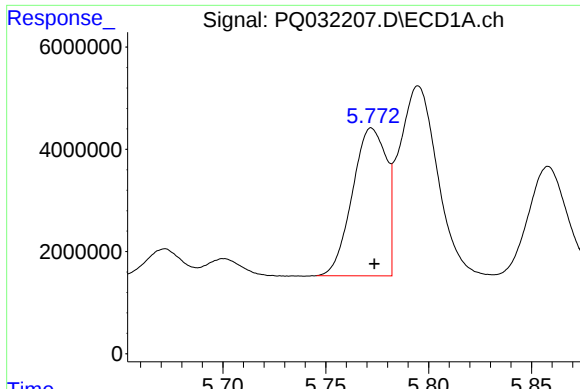
#20 AR-1242-5

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 6247904
Conc: 143.65 ng/ml



#20 AR-1242-5

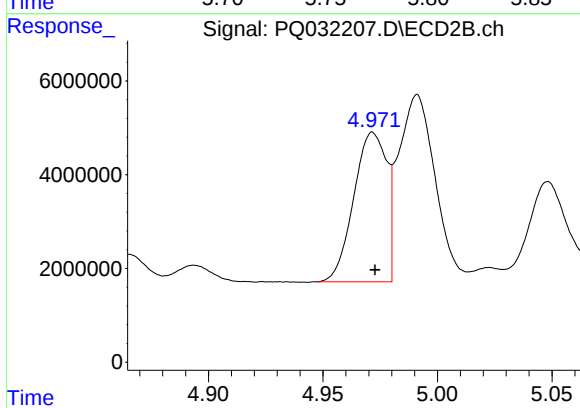
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 22698789
Conc: 513.42 ng/ml



#21 AR-1248-1

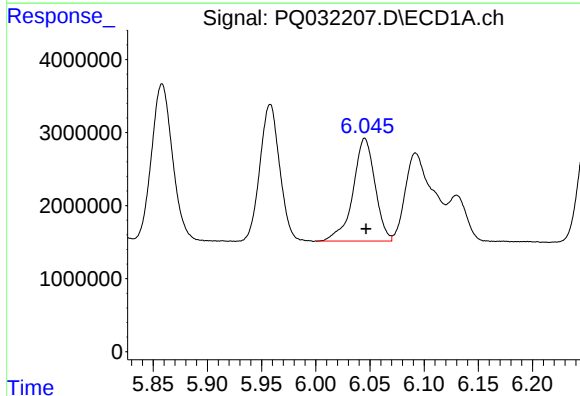
R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 33177252
Conc: 704.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



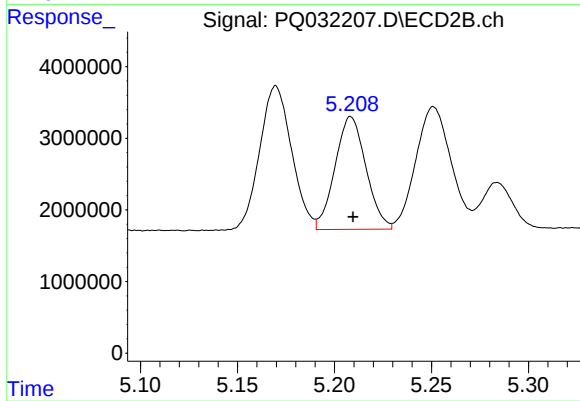
#21 AR-1248-1

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 31853081
Conc: 774.57 ng/ml



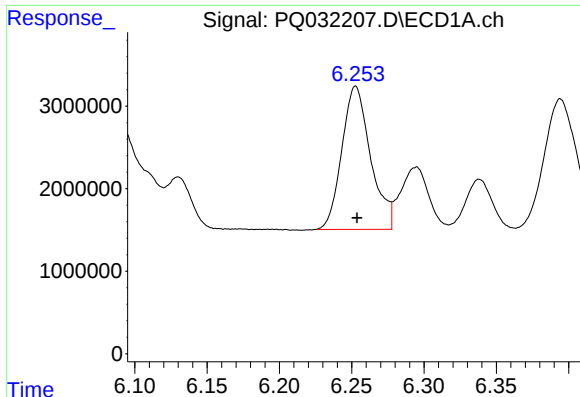
#22 AR-1248-2

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 19879065
Conc: 289.52 ng/ml



#22 AR-1248-2

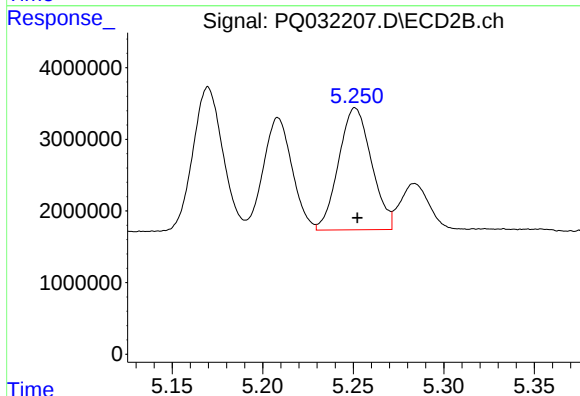
R.T.: 5.208 min
Delta R.T.: -0.001 min
Response: 17469177
Conc: 311.16 ng/ml



#23 AR-1248-3

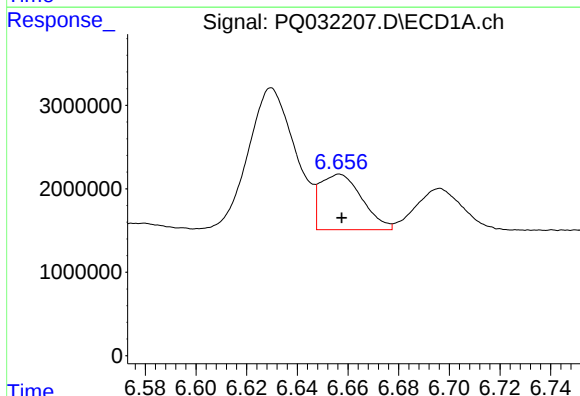
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 24035156
Conc: 307.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



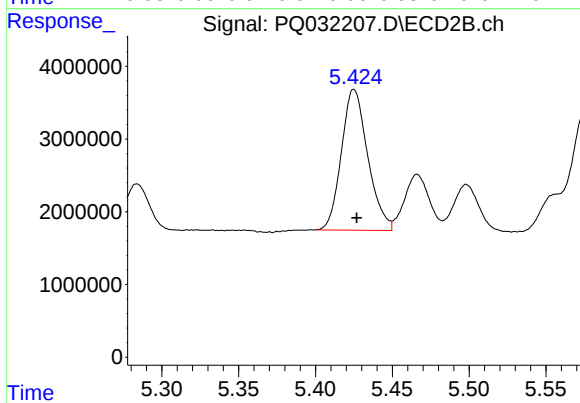
#23 AR-1248-3

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 21482809
Conc: 372.70 ng/ml



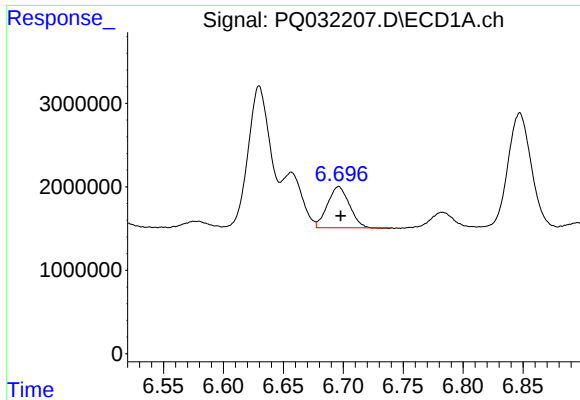
#24 AR-1248-4

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 7616840
Conc: 83.60 ng/ml



#24 AR-1248-4

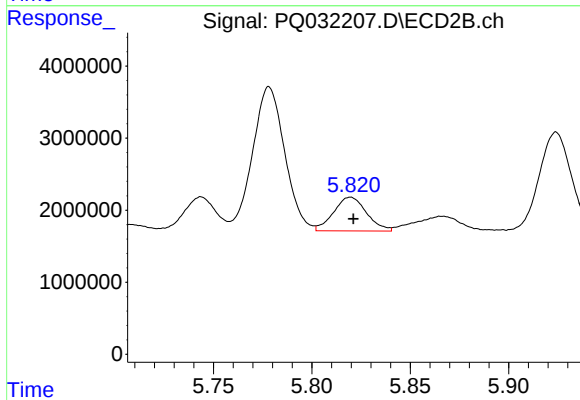
R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 23178804
Conc: 325.62 ng/ml



#25 AR-1248-5

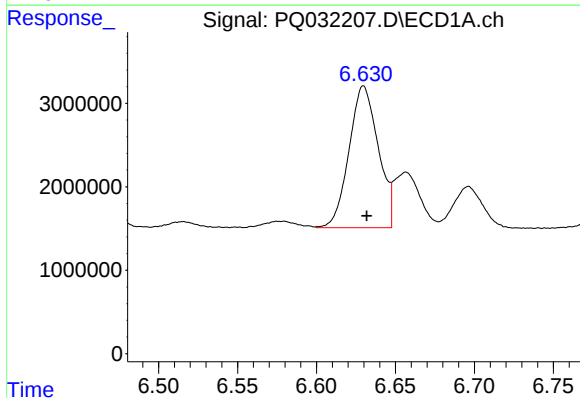
R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 6247904
Conc: 72.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



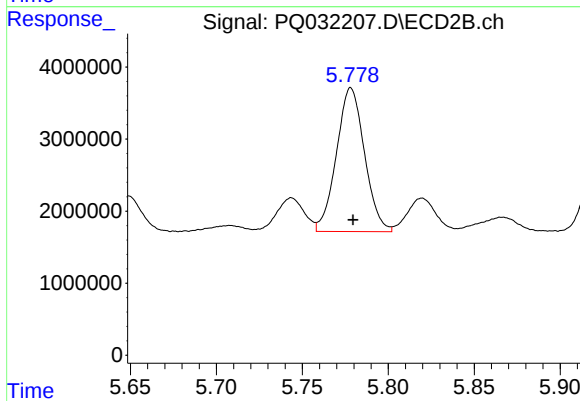
#25 AR-1248-5

R.T.: 5.820 min
Delta R.T.: -0.001 min
Response: 5466292
Conc: 76.96 ng/ml



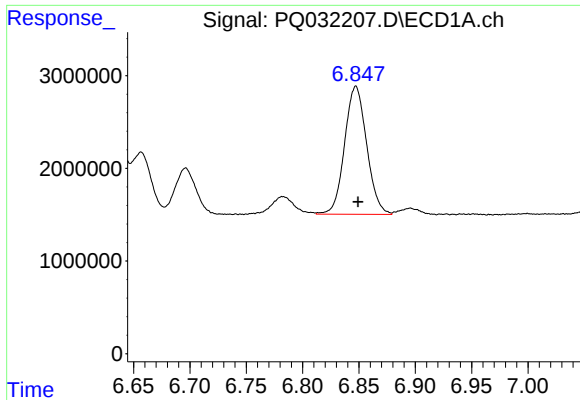
#26 AR-1254-1

R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 21855754
Conc: 222.60 ng/ml



#26 AR-1254-1

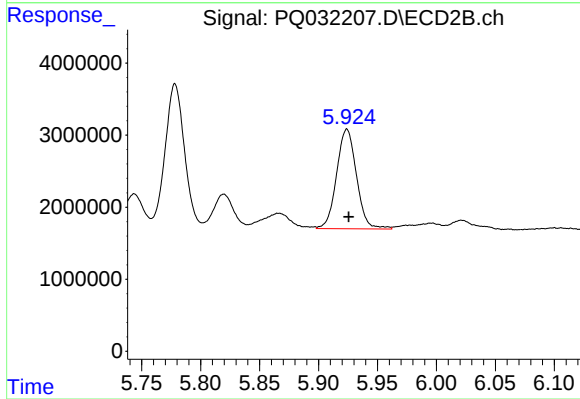
R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 22698789
Conc: 190.25 ng/ml



#27 AR-1254-2

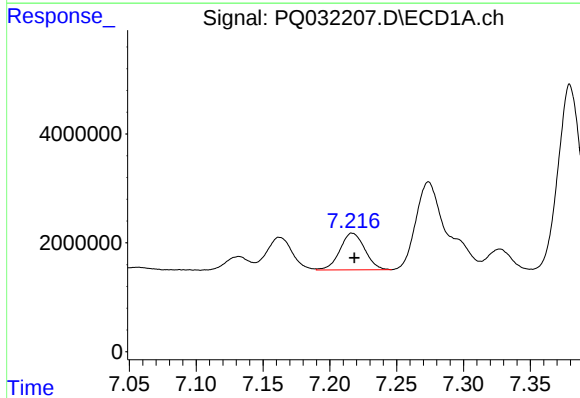
R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 18852381
Conc: 121.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



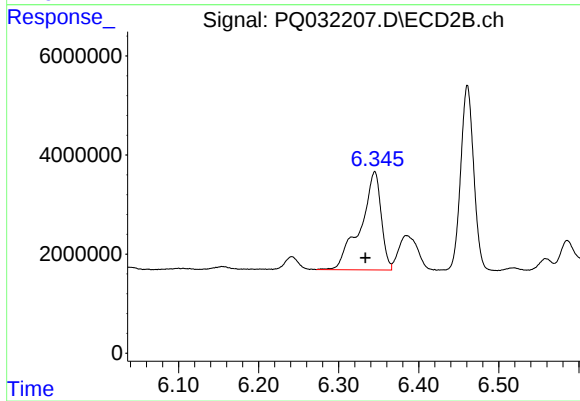
#27 AR-1254-2

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 16201765
Conc: 154.68 ng/ml



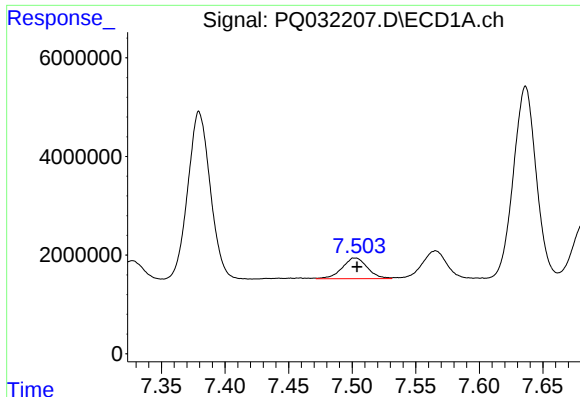
#28 AR-1254-3

R.T.: 7.217 min
Delta R.T.: -0.002 min
Response: 8736387
Conc: 51.83 ng/ml



#28 AR-1254-3

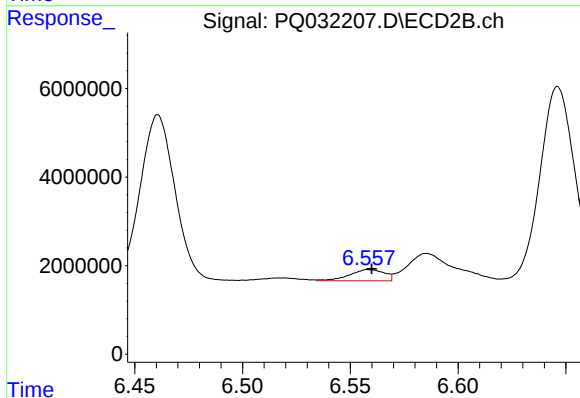
R.T.: 6.345 min
Delta R.T.: 0.012 min
Response: 35704962
Conc: 200.78 ng/ml



#29 AR-1254-4

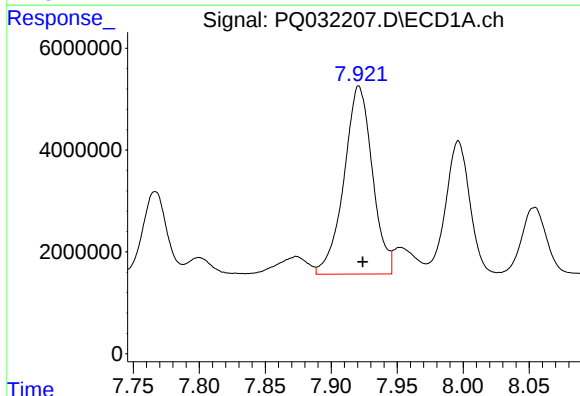
R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 5746367
Conc: 45.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



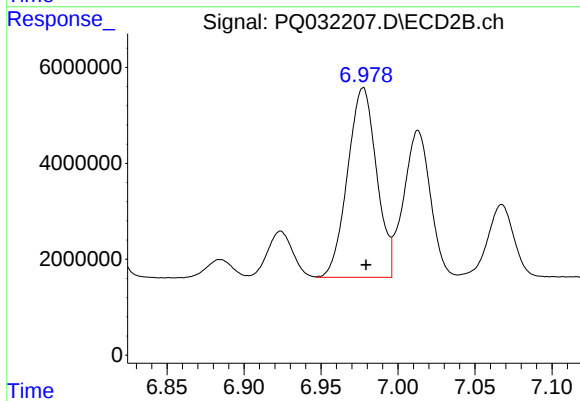
#29 AR-1254-4

R.T.: 6.559 min
Delta R.T.: -0.001 min
Response: 2825819
Conc: 24.83 ng/ml



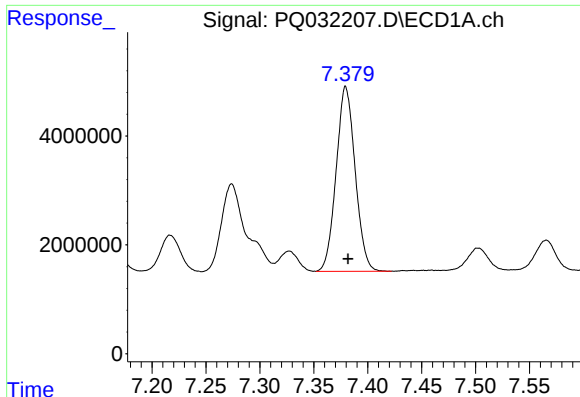
#30 AR-1254-5

R.T.: 7.921 min
Delta R.T.: -0.003 min
Response: 55303503
Conc: 400.66 ng/ml



#30 AR-1254-5

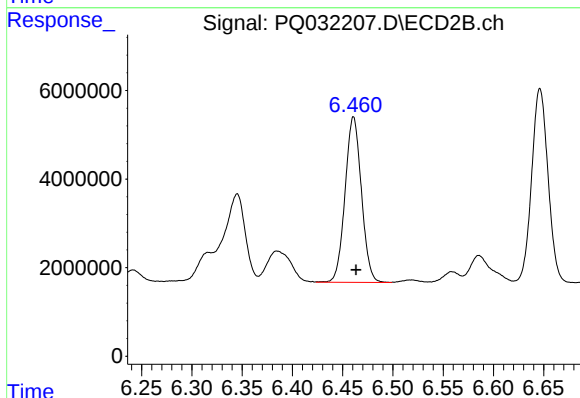
R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 51901915
Conc: 334.33 ng/ml



#31 AR-1260-1

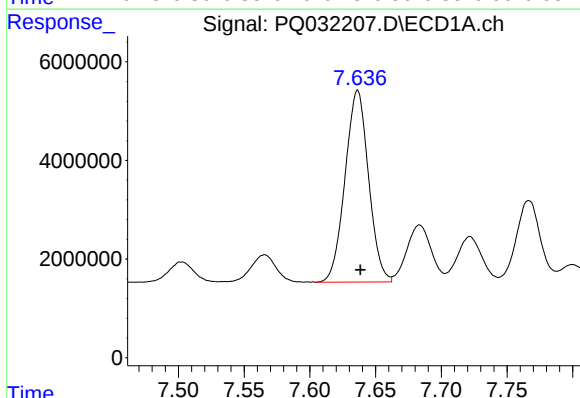
R.T.: 7.380 min
Delta R.T.: -0.002 min
Response: 41679227
Conc: 336.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



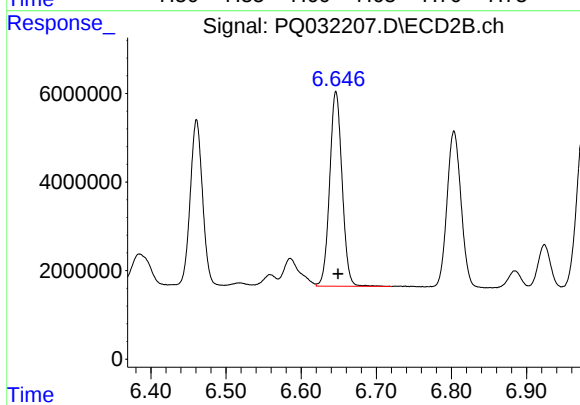
#31 AR-1260-1

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 42314385
Conc: 378.28 ng/ml



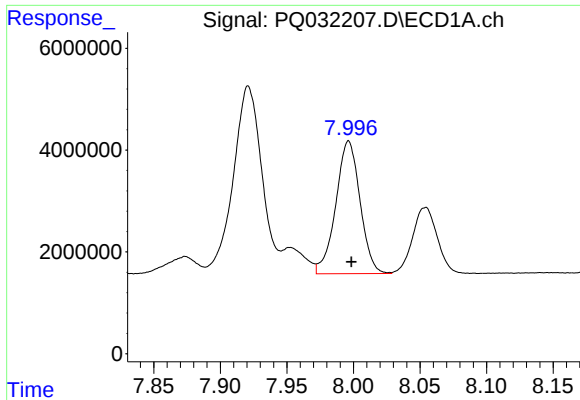
#32 AR-1260-2

R.T.: 7.636 min
Delta R.T.: -0.002 min
Response: 48402341
Conc: 329.62 ng/ml



#32 AR-1260-2

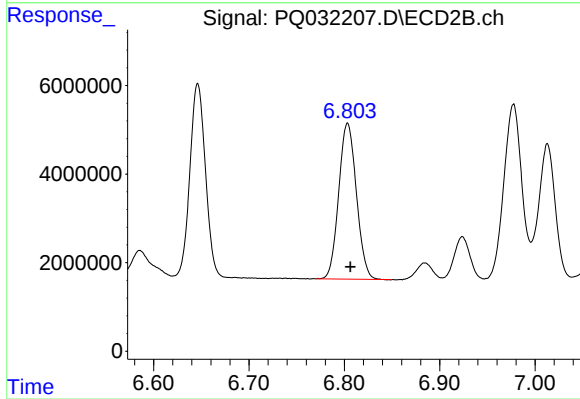
R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 50473581
Conc: 371.30 ng/ml



#33 AR-1260-3

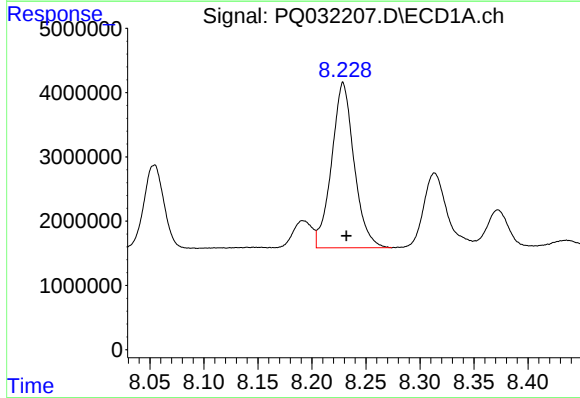
R.T.: 7.996 min
Delta R.T.: -0.002 min
Response: 33095716
Conc: 313.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



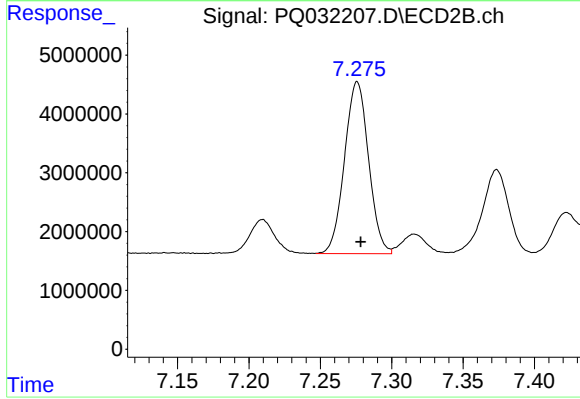
#33 AR-1260-3

R.T.: 6.803 min
Delta R.T.: -0.003 min
Response: 45373685
Conc: 361.24 ng/ml



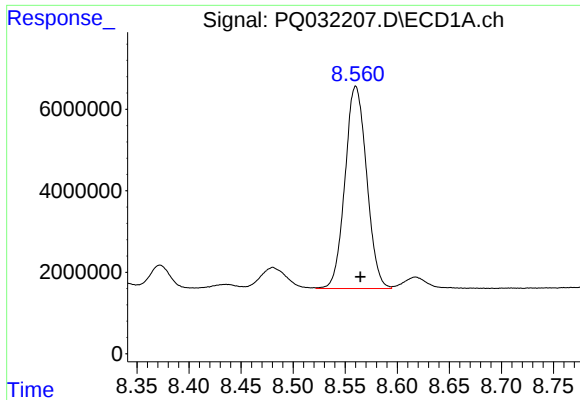
#34 AR-1260-4

R.T.: 8.229 min
Delta R.T.: -0.003 min
Response: 37290926
Conc: 306.63 ng/ml



#34 AR-1260-4

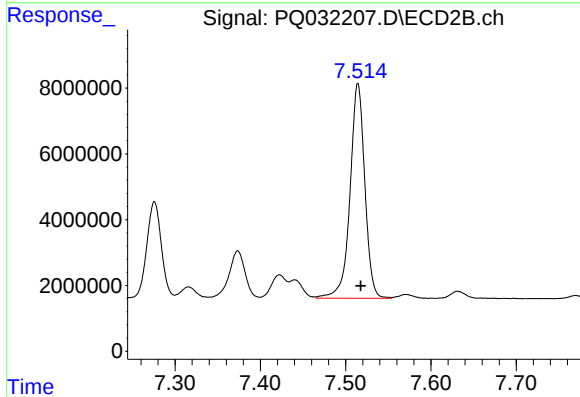
R.T.: 7.276 min
Delta R.T.: -0.002 min
Response: 34362969
Conc: 337.25 ng/ml



#35 AR-1260-5

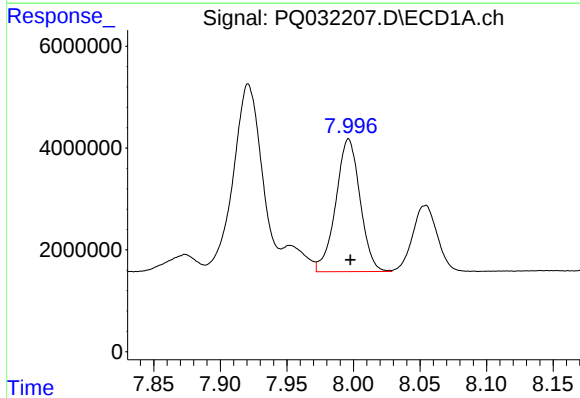
R.T.: 8.560 min
Delta R.T.: -0.004 min
Response: 71852537
Conc: 297.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



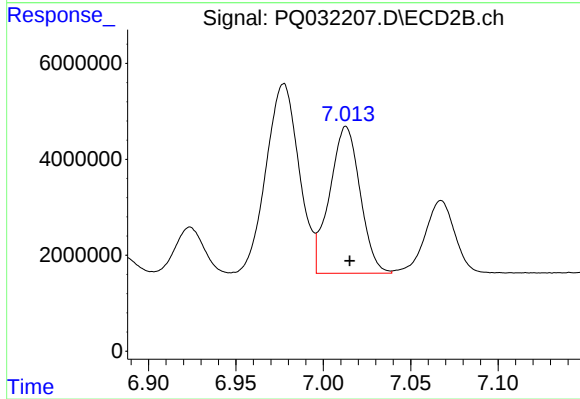
#35 AR-1260-5

R.T.: 7.514 min
Delta R.T.: -0.003 min
Response: 78743506
Conc: 318.86 ng/ml



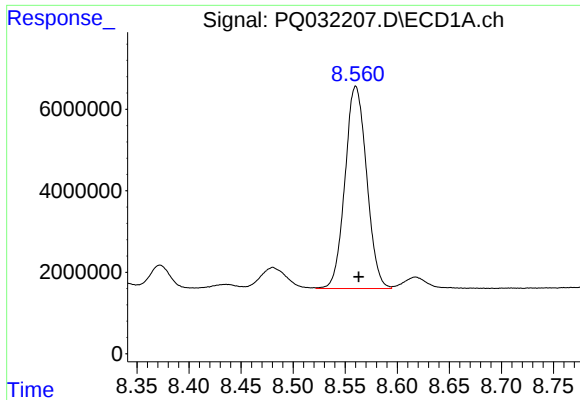
#36 AR-1262-1

R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 33095716
Conc: 233.48 ng/ml



#36 AR-1262-1

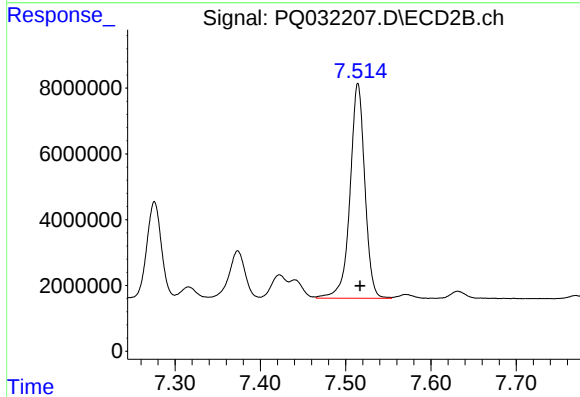
R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 37076525
Conc: 265.83 ng/ml



#37 AR-1262-2

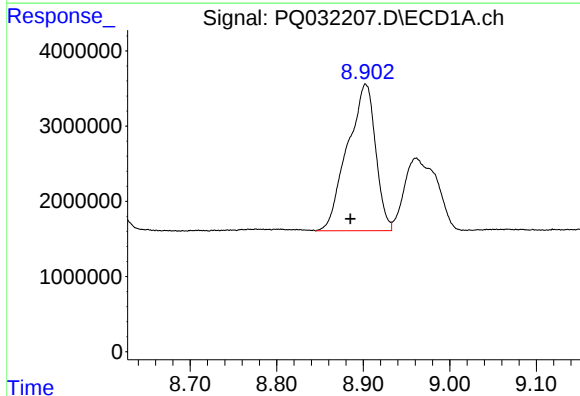
R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 71852537
Conc: 275.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



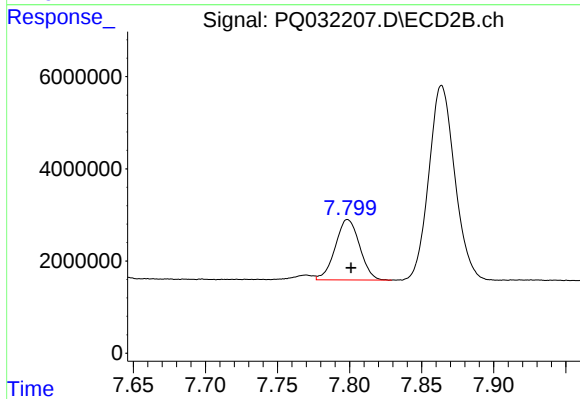
#37 AR-1262-2

R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 78743506
Conc: 300.22 ng/ml



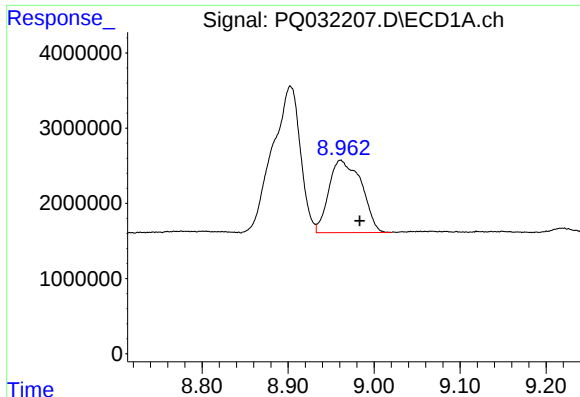
#38 AR-1262-3

R.T.: 8.903 min
Delta R.T.: 0.018 min
Response: 44021891
Conc: 253.02 ng/ml



#38 AR-1262-3

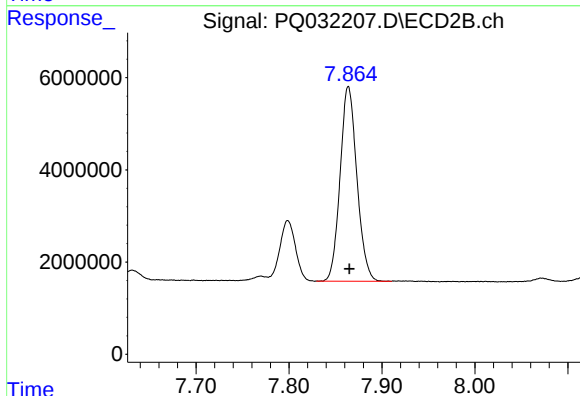
R.T.: 7.799 min
Delta R.T.: -0.002 min
Response: 15376302
Conc: 157.40 ng/ml



#39 AR-1262-4

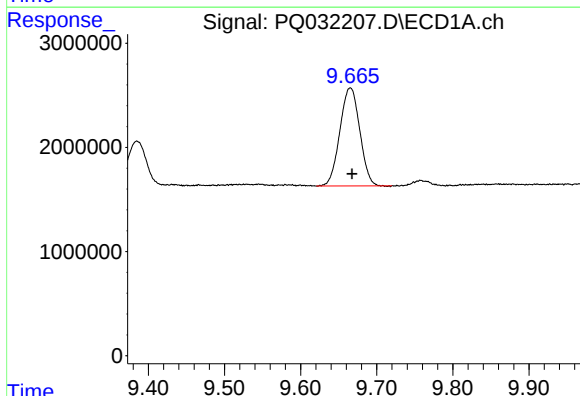
R.T.: 8.961 min
Delta R.T.: -0.022 min
Response: 25343559
Conc: 195.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



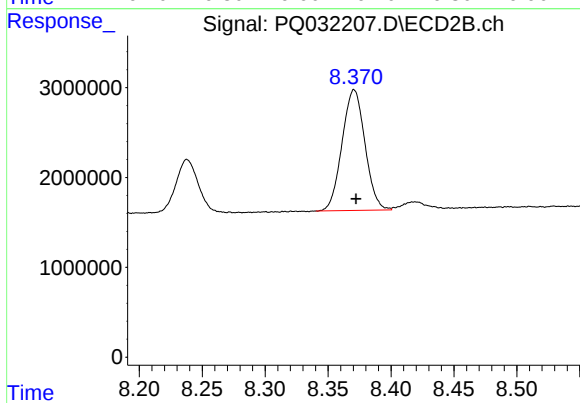
#39 AR-1262-4

R.T.: 7.864 min
Delta R.T.: -0.001 min
Response: 53021111
Conc: 283.02 ng/ml



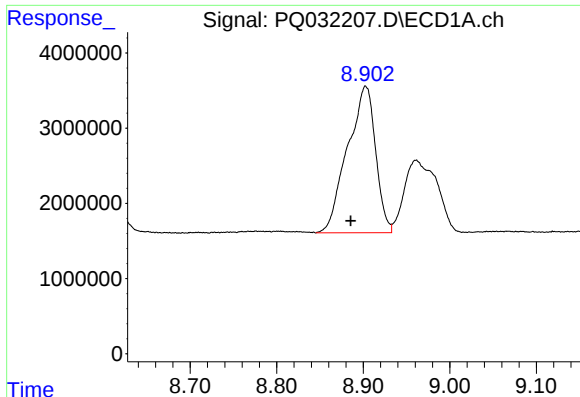
#40 AR-1262-5

R.T.: 9.665 min
Delta R.T.: -0.002 min
Response: 17088689
Conc: 183.39 ng/ml



#40 AR-1262-5

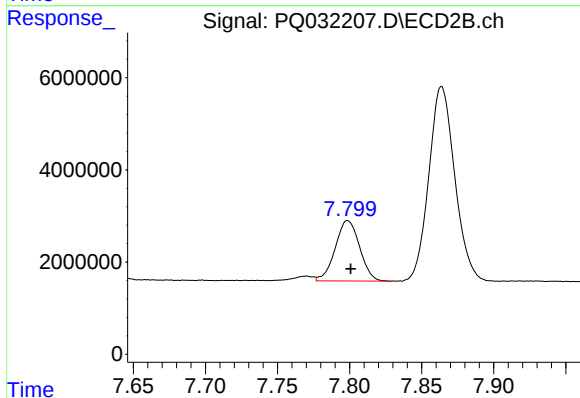
R.T.: 8.371 min
Delta R.T.: -0.001 min
Response: 17039086
Conc: 195.12 ng/ml



#41 AR-1268-1

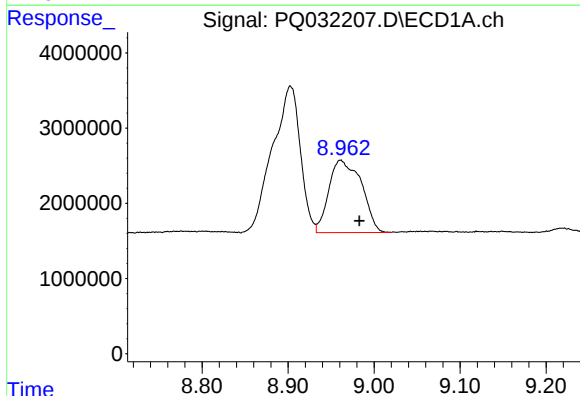
R.T.: 8.903 min
Delta R.T.: 0.017 min
Response: 44021891
Conc: 126.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



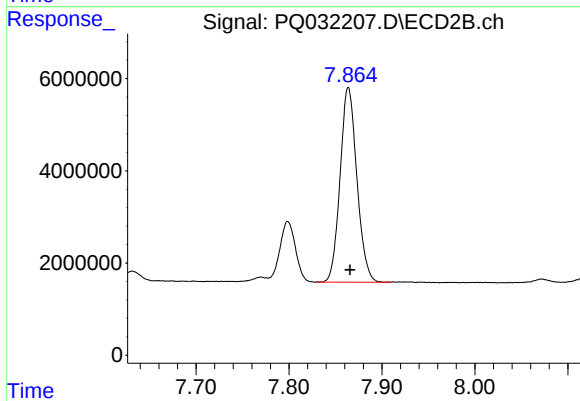
#41 AR-1268-1

R.T.: 7.799 min
Delta R.T.: -0.002 min
Response: 15376302
Conc: 45.96 ng/ml



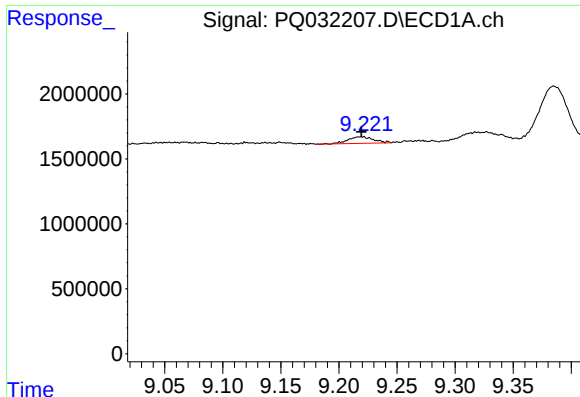
#42 AR-1268-2

R.T.: 8.961 min
Delta R.T.: -0.022 min
Response: 25343559
Conc: 80.29 ng/ml



#42 AR-1268-2

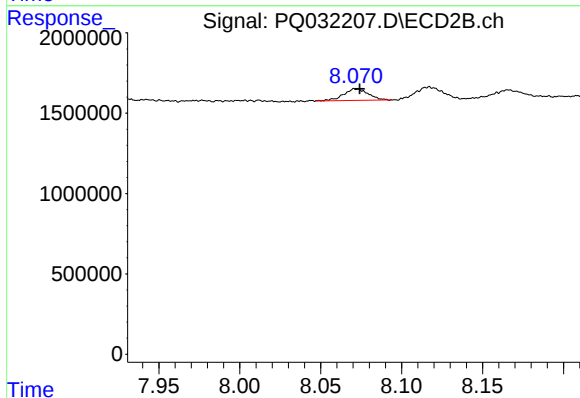
R.T.: 7.864 min
Delta R.T.: -0.002 min
Response: 53021111
Conc: 176.11 ng/ml



#43 AR-1268-3

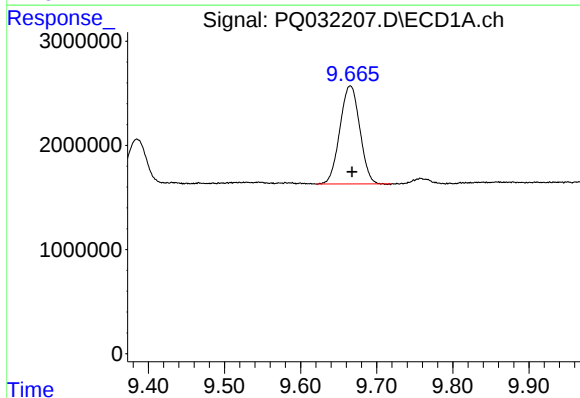
R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 760208
Conc: 2.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



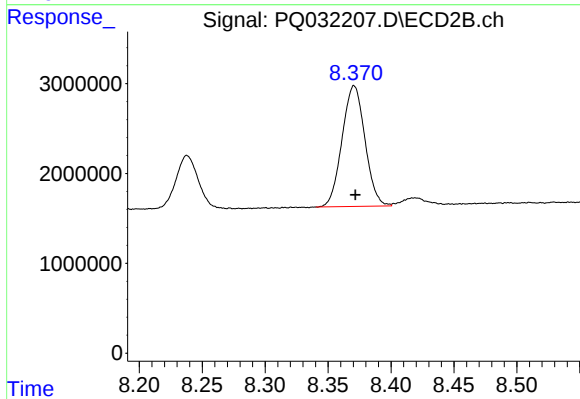
#43 AR-1268-3

R.T.: 8.072 min
Delta R.T.: -0.002 min
Response: 766223
Conc: 3.08 ng/ml



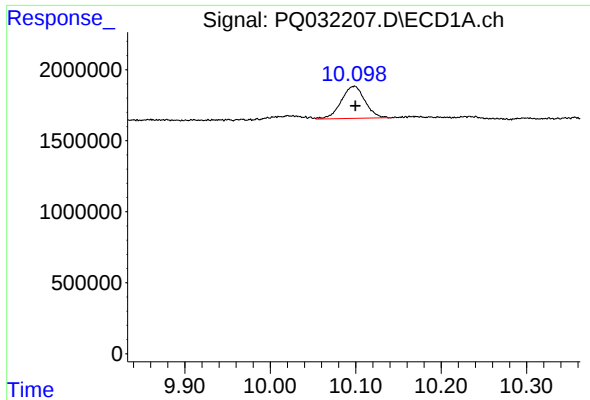
#44 AR-1268-4

R.T.: 9.665 min
Delta R.T.: -0.002 min
Response: 17088689
Conc: 147.23 ng/ml



#44 AR-1268-4

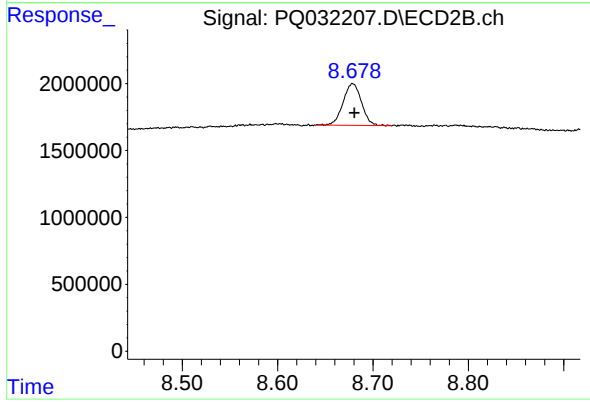
R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 17039086
Conc: 157.68 ng/ml



#45 AR-1268-5

R.T.: 10.098 min
Delta R.T.: -0.001 min
Response: 4371390
Conc: 5.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.679 min
Delta R.T.: -0.002 min
Response: 4172853
Conc: 5.26 ng/ml