

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051220\
 Data File : PQ047706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2020 14:36
 Operator : AJ\MA
 Sample : L2182-08
 Misc : AR1660 50PPB LOQ
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 00:11:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 06 16:27:16 2020
 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...	5.103	4.260	361.6E6	62906171	18.840	19.110
2)	SA Decachlor...	11.177	9.642	432.3E6	64482751	19.875	19.768
Target Compounds							
3)	L1 AR-1016-1	6.418	5.533	34694028	5696723	50.222	48.051
4)	L1 AR-1016-2	6.442	5.553	48163762	7701254	49.743	48.494
5)	L1 AR-1016-3	6.509	5.749	29432346	3925495	50.424	47.162
6)	L1 AR-1016-4	6.615	5.797	24997411	3328349	50.269	50.377
7)	L1 AR-1016-5	6.931	6.030	25807167	4337690	53.738	48.608
8)	L2 AR-1221-1	5.343	4.520	2837384	439160	13.420	12.782
9)	L2 AR-1221-2	5.452	4.622	7911401	1612401	49.185	60.368
10)	L2 AR-1221-3	5.534	4.713	19015396	2955331	38.998	36.231
11)	L3 AR-1232-1	5.534	4.713	19015396	2955331	50.161	46.299
12)	L3 AR-1232-2	6.124	5.553	29732033	7701254	150.677	118.334
13)	L3 AR-1232-3	6.442	5.749	48163762	3925495	119.952	116.798
14)	L3 AR-1232-4	6.615	5.842	24997411	3869123	121.125	132.021
15)	L3 AR-1232-5	6.713	6.030	22153885	4337690	142.939	125.545
16)	L4 AR-1242-1	6.418	5.533	34694028	5696723	62.455	59.037
17)	L4 AR-1242-2	6.442	5.553	48163762	7701254	59.903	58.368
18)	L4 AR-1242-3	6.509	5.749	29432346	3925495	61.399	56.240
19)	L4 AR-1242-4	6.615	5.842	24997411	3869123	60.885	58.535
20)	L4 AR-1242-5	7.399	6.411	4413275	3302341	9.470	35.557 #
21)	L5 AR-1248-1	6.418	5.533	34694028	5696723	89.611	85.542
22)	L5 AR-1248-2	6.713	5.797	22153885	3328349	42.770	39.836
23)	L5 AR-1248-3	6.931	5.842	25807167	3869123	44.832	45.361
24)	L5 AR-1248-4	7.359	6.030	7908270	4337690	11.516	41.338 #
25)	L5 AR-1248-5	7.399	6.454	4413275	1057446	6.805	10.026 #
26)	L6 AR-1254-1	7.329	6.411	19062855	3302341	27.221	18.981 #
27)	L6 AR-1254-2	7.557	6.569	19591057	2969985	17.964	19.671
28)	L6 AR-1254-3	7.940	7.010	12755016	5112885	10.962	21.062 #
29)	L6 AR-1254-4	8.234	7.234	9251486	878021	9.576	5.622 #
30)	L6 AR-1254-5	8.663	7.665	60544020	9495331	61.842	45.369 #
31)	L7 AR-1260-1	8.107	7.130	45012798	7462884	52.016	47.309
32)	L7 AR-1260-2	8.372	7.326	56796530	9417257	49.937	47.902
33)	L7 AR-1260-3	8.739	7.486	45319780	8080285	46.682	44.195
34)	L7 AR-1260-4	8.973	7.970	46194476	6781286	47.576	44.946
35)	L7 AR-1260-5	9.305	8.216	100.0E6	16768196	43.990	43.268
36)	L8 AR-1262-1	8.739	7.665	45319780	9495331	32.792	85.722 #
37)	L8 AR-1262-2	9.305	8.216	100.0E6	16768196	38.657	39.774
38)	L8 AR-1262-3	9.645	8.503	65186259	3976060	37.514	24.681 #
39)	L8 AR-1262-4	9.705	8.569	44795936	12527044	33.312	40.934
40)	L8 AR-1262-5	10.402	9.076	33633935	4465147	34.287	31.171
41)	L9 AR-1268-1	9.645	8.503	65186259	3976060	18.137	7.228 #

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 Operator : AJ\MA
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 Misc : AR1660 50PPB LOQ
 ALS Vial : 20 Sample Multiplier: 1

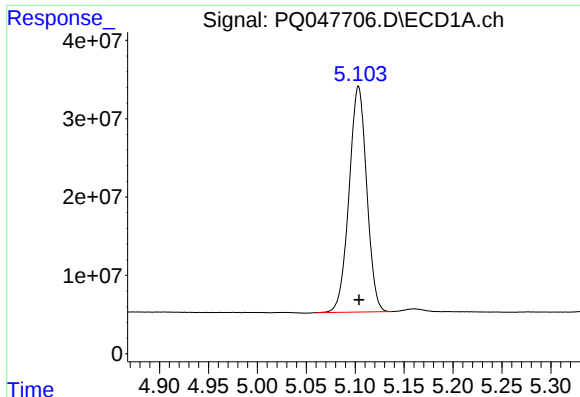
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 00:11:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
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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	9.705	8.569	44795936	12527044	13.951	24.634 #
43) L9	AR-1268-3	9.959	8.780	4095464	621563	1.471	1.500
44) L9	AR-1268-4	10.402	9.076	33633935	4465147	28.982	26.214
45) L9	AR-1268-5	10.830	9.379	12466763	1649836	1.561	1.263

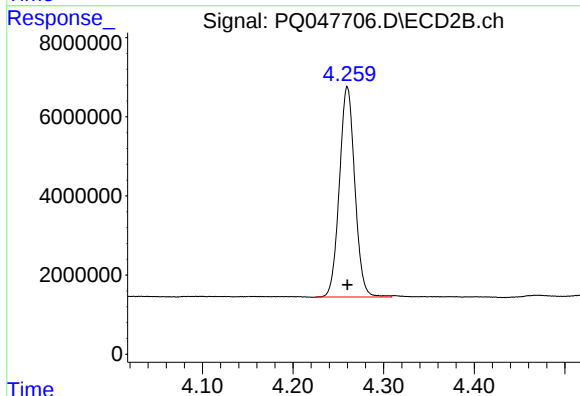
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

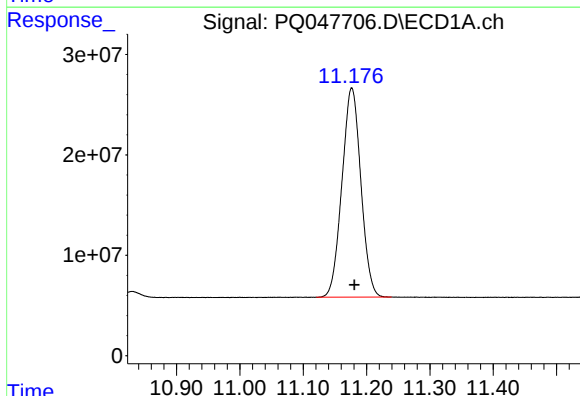
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 361557867
Conc: 18.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



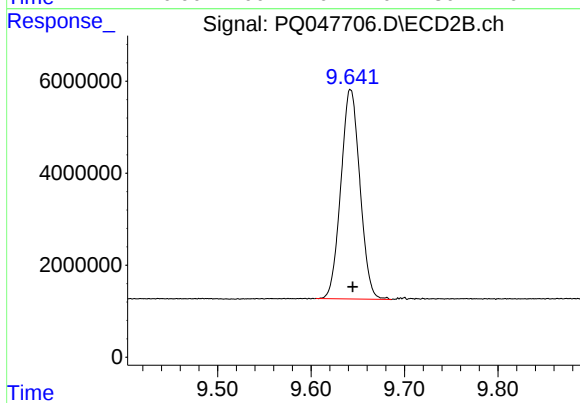
#1 Tetrachloro-m-xylene

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 62906171
Conc: 19.11 ng/ml



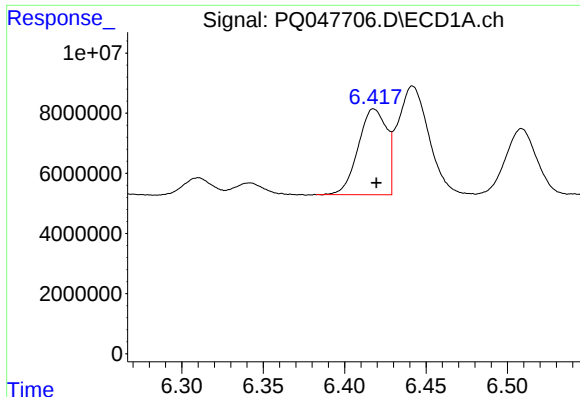
#2 Decachlorobiphenyl

R.T.: 11.177 min
Delta R.T.: -0.004 min
Response: 432250191
Conc: 19.88 ng/ml



#2 Decachlorobiphenyl

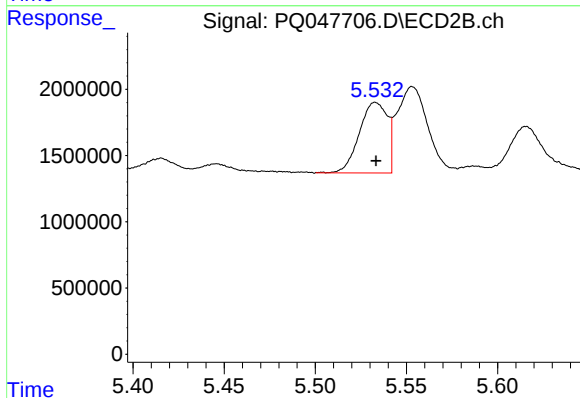
R.T.: 9.642 min
Delta R.T.: -0.002 min
Response: 64482751
Conc: 19.77 ng/ml



#3 AR-1016-1

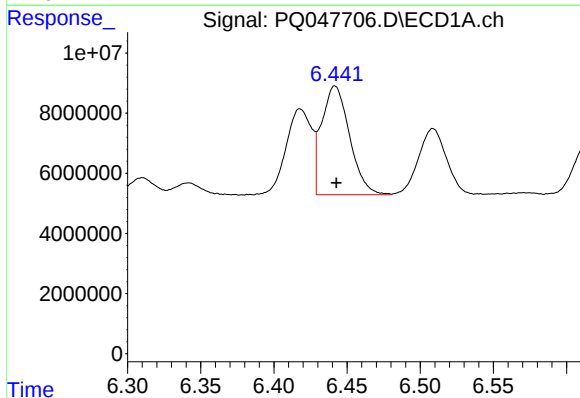
R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 34694028
Conc: 50.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



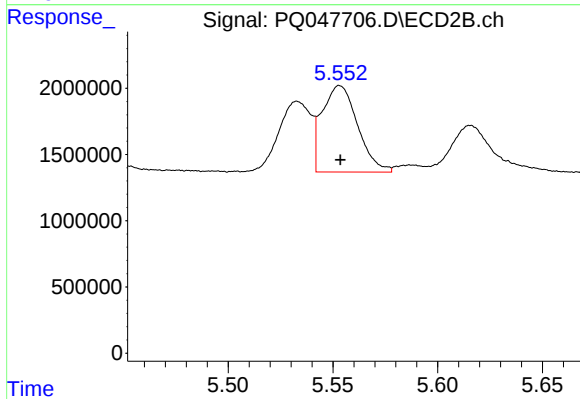
#3 AR-1016-1

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 5696723
Conc: 48.05 ng/ml



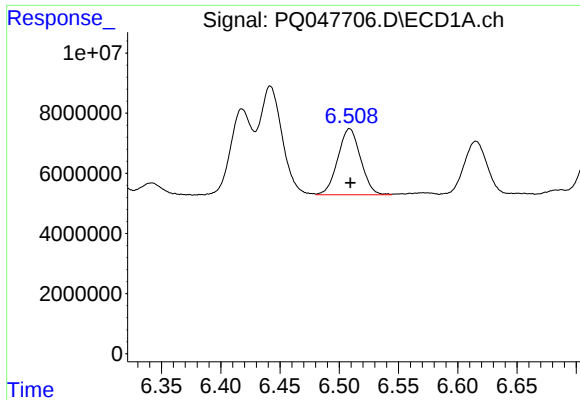
#4 AR-1016-2

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 48163762
Conc: 49.74 ng/ml



#4 AR-1016-2

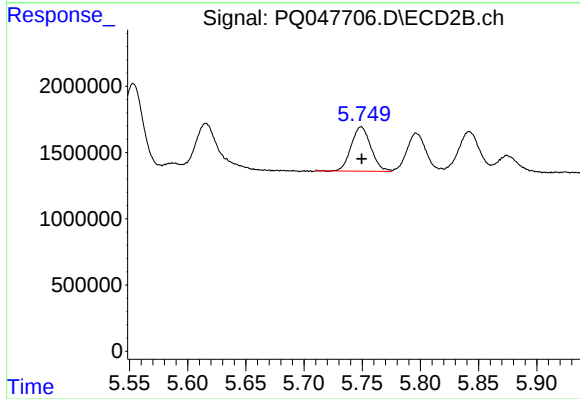
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 7701254
Conc: 48.49 ng/ml



#5 AR-1016-3

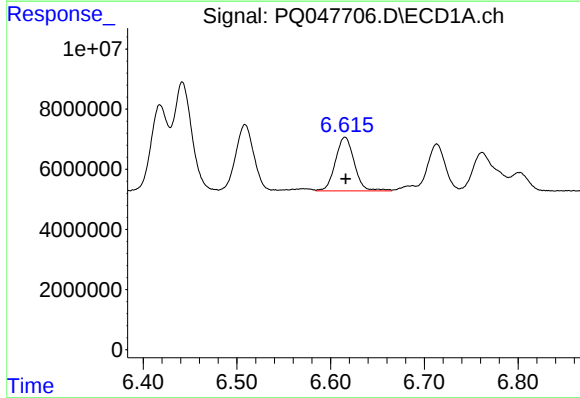
R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 29432346
Conc: 50.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



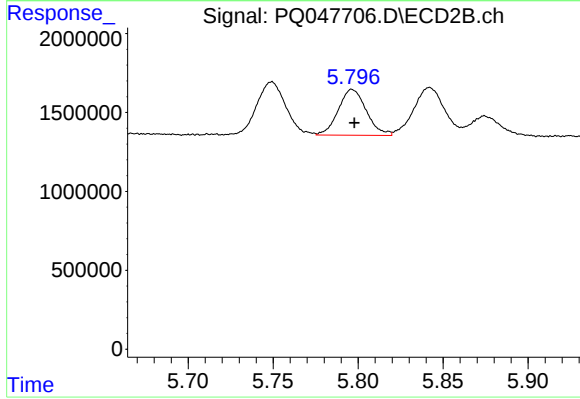
#5 AR-1016-3

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 3925495
Conc: 47.16 ng/ml



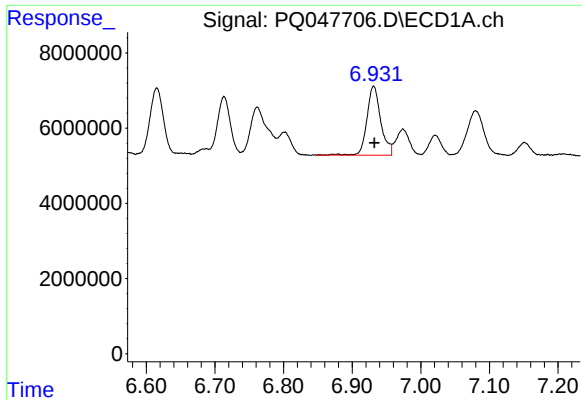
#6 AR-1016-4

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 24997411
Conc: 50.27 ng/ml



#6 AR-1016-4

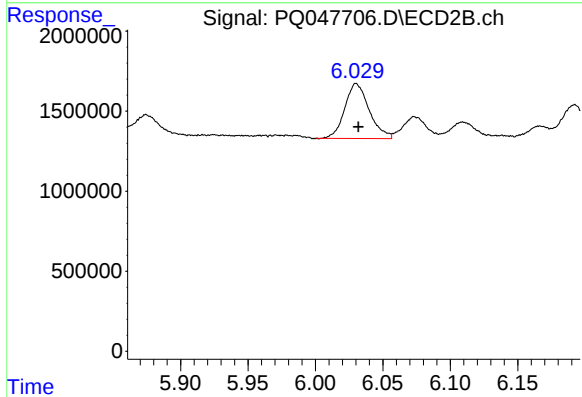
R.T.: 5.797 min
Delta R.T.: -0.001 min
Response: 3328349
Conc: 50.38 ng/ml



#7 AR-1016-5

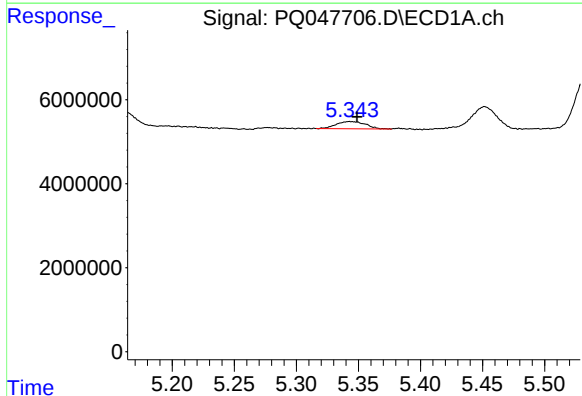
R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 25807167
Conc: 53.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



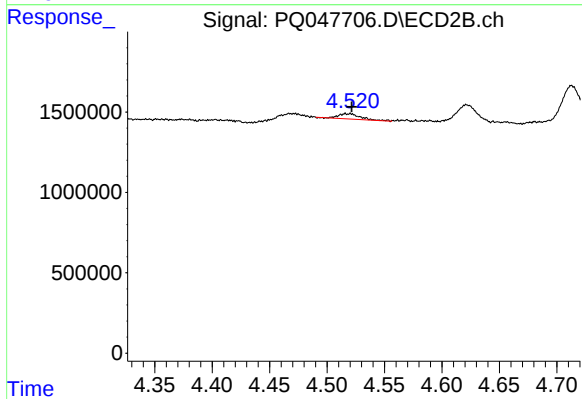
#7 AR-1016-5

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 4337690
Conc: 48.61 ng/ml



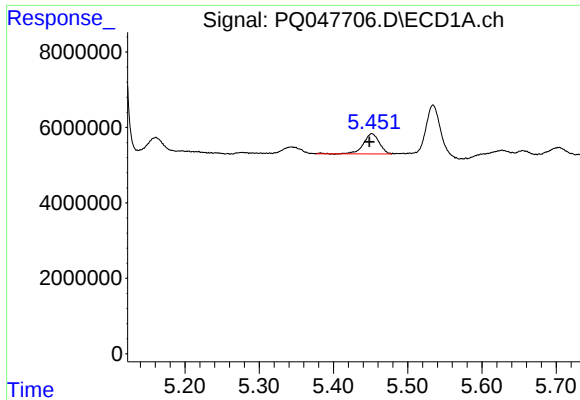
#8 AR-1221-1

R.T.: 5.343 min
Delta R.T.: -0.005 min
Response: 2837384
Conc: 13.42 ng/ml



#8 AR-1221-1

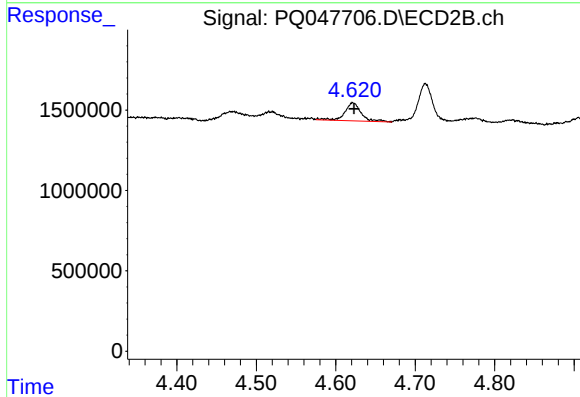
R.T.: 4.520 min
Delta R.T.: -0.001 min
Response: 439160
Conc: 12.78 ng/ml



#9 AR-1221-2

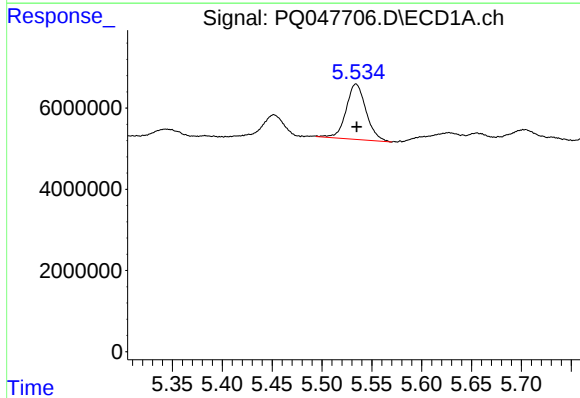
R.T.: 5.452 min
Delta R.T.: 0.003 min
Response: 7911401
Conc: 49.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



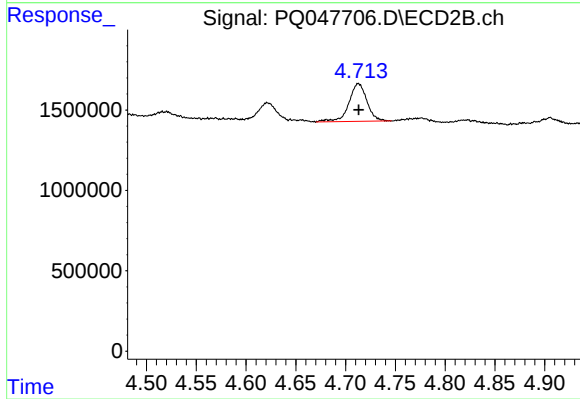
#9 AR-1221-2

R.T.: 4.622 min
Delta R.T.: -0.002 min
Response: 1612401
Conc: 60.37 ng/ml



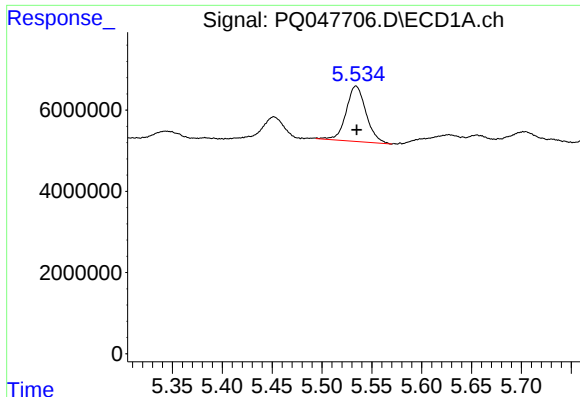
#10 AR-1221-3

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 19015396
Conc: 39.00 ng/ml



#10 AR-1221-3

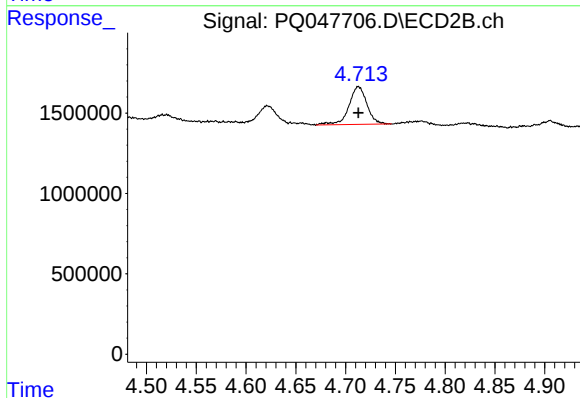
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 2955331
Conc: 36.23 ng/ml



#11 AR-1232-1

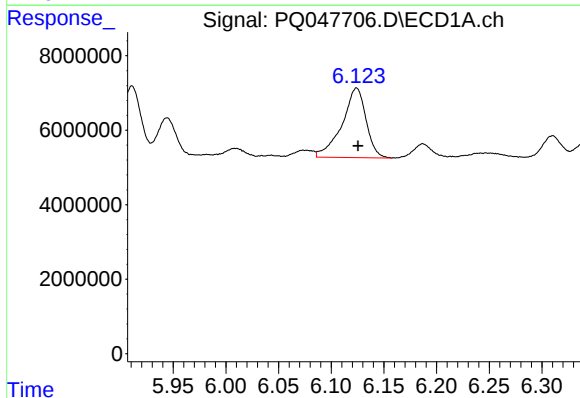
R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 19015396
Conc: 50.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



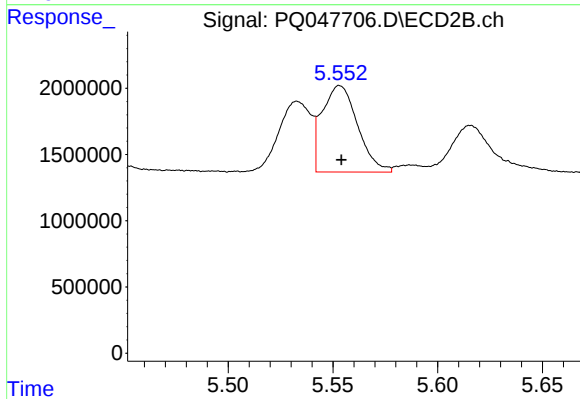
#11 AR-1232-1

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 2955331
Conc: 46.30 ng/ml



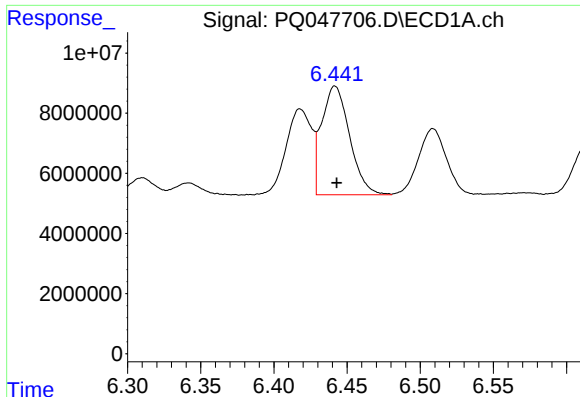
#12 AR-1232-2

R.T.: 6.124 min
Delta R.T.: -0.001 min
Response: 29732033
Conc: 150.68 ng/ml



#12 AR-1232-2

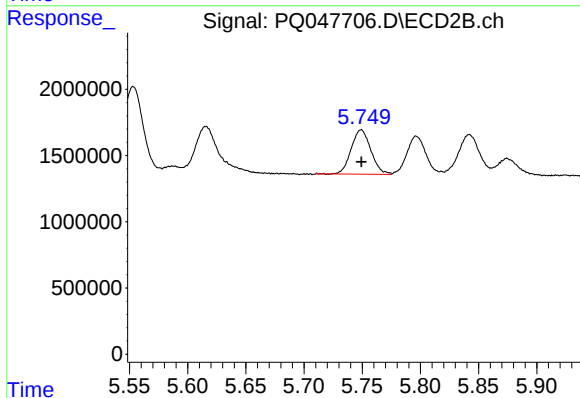
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 7701254
Conc: 118.33 ng/ml



#13 AR-1232-3

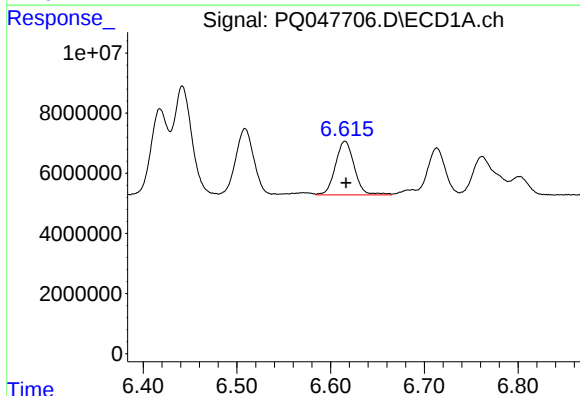
R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 48163762
Conc: 119.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



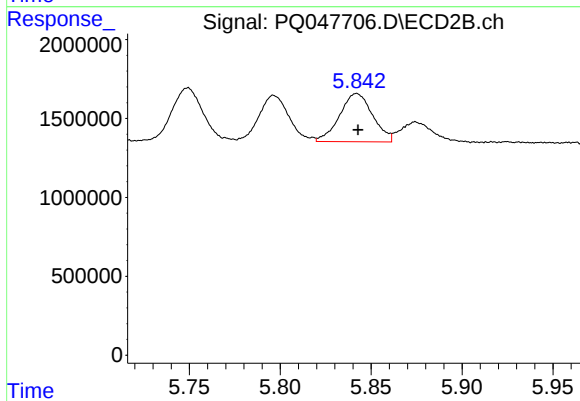
#13 AR-1232-3

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 3925495
Conc: 116.80 ng/ml



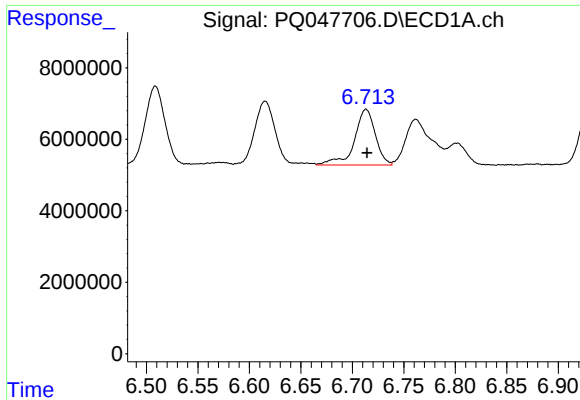
#14 AR-1232-4

R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 24997411
Conc: 121.12 ng/ml



#14 AR-1232-4

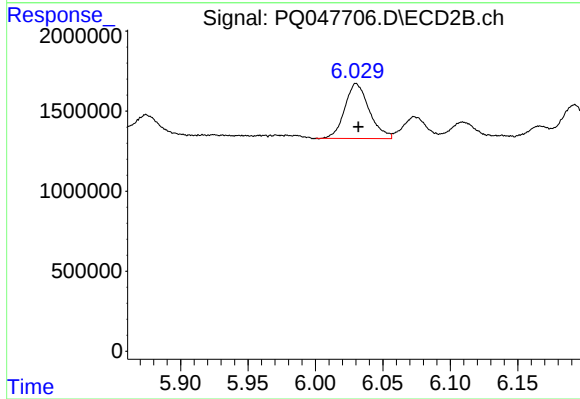
R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 3869123
Conc: 132.02 ng/ml



#15 AR-1232-5

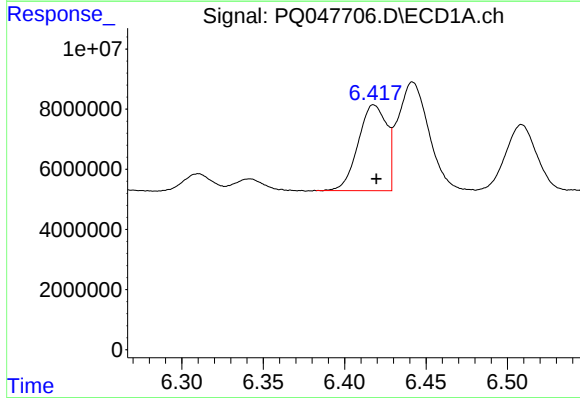
R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 22153885
Conc: 142.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



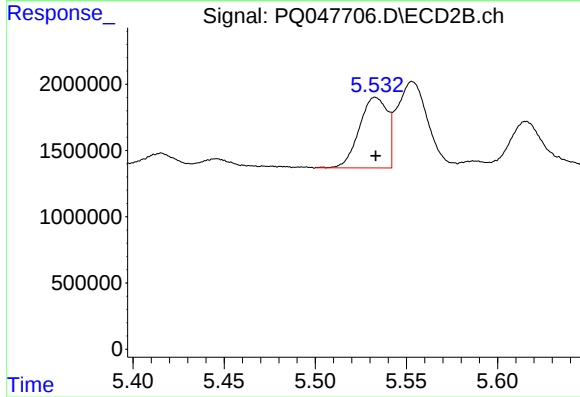
#15 AR-1232-5

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 4337690
Conc: 125.54 ng/ml



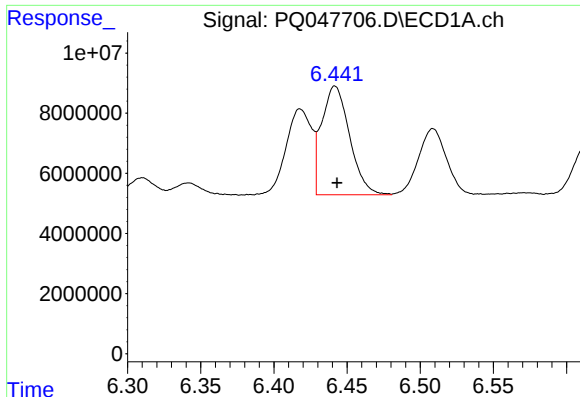
#16 AR-1242-1

R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 34694028
Conc: 62.45 ng/ml



#16 AR-1242-1

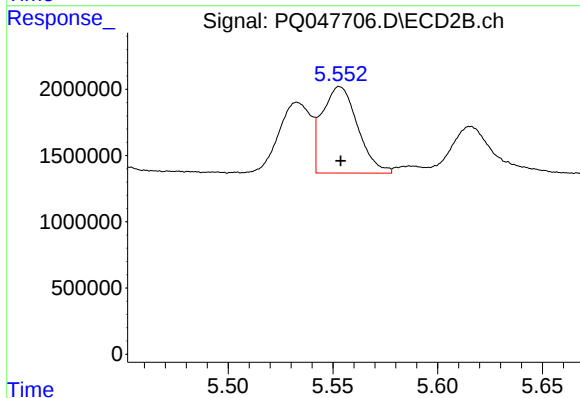
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 5696723
Conc: 59.04 ng/ml



#17 AR-1242-2

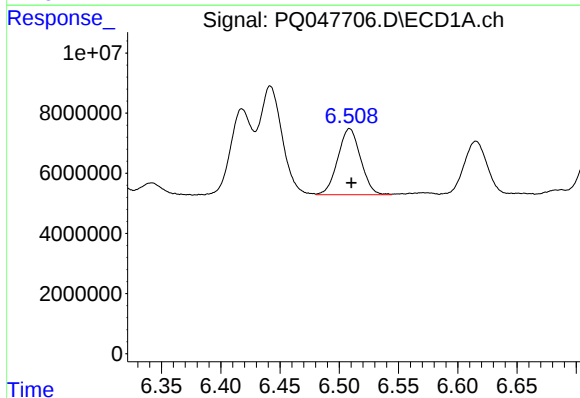
R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 48163762
Conc: 59.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



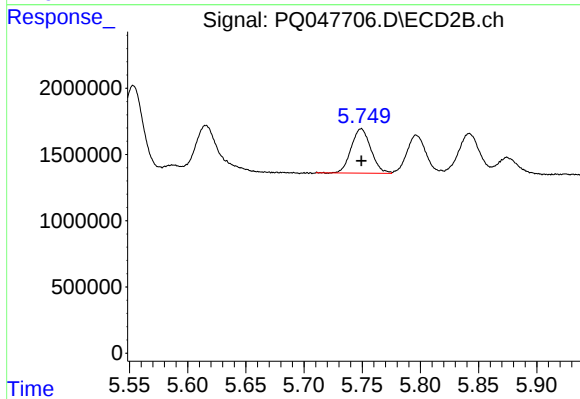
#17 AR-1242-2

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 7701254
Conc: 58.37 ng/ml



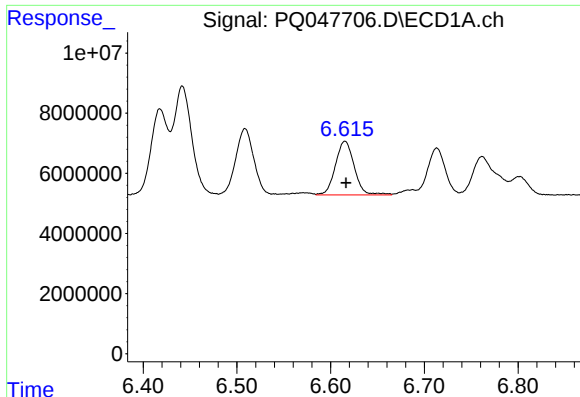
#18 AR-1242-3

R.T.: 6.509 min
Delta R.T.: -0.001 min
Response: 29432346
Conc: 61.40 ng/ml



#18 AR-1242-3

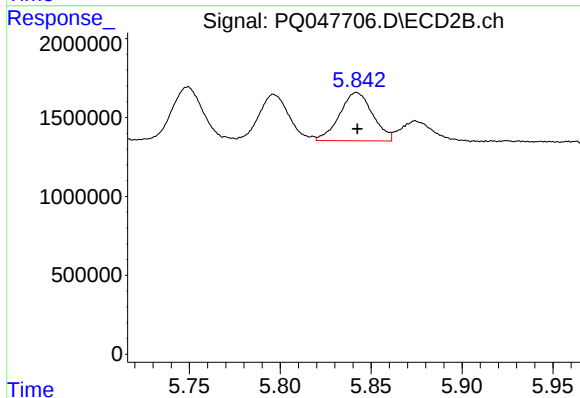
R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 3925495
Conc: 56.24 ng/ml



#19 AR-1242-4

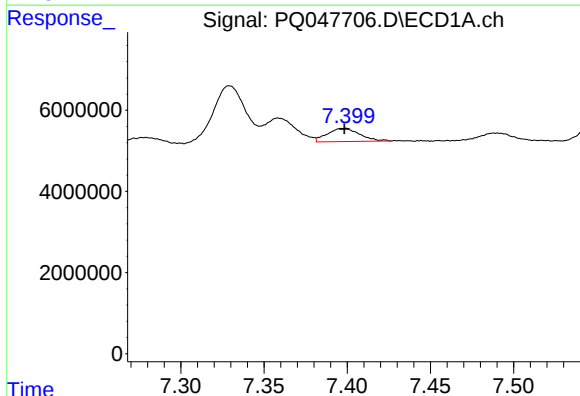
R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 24997411
Conc: 60.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



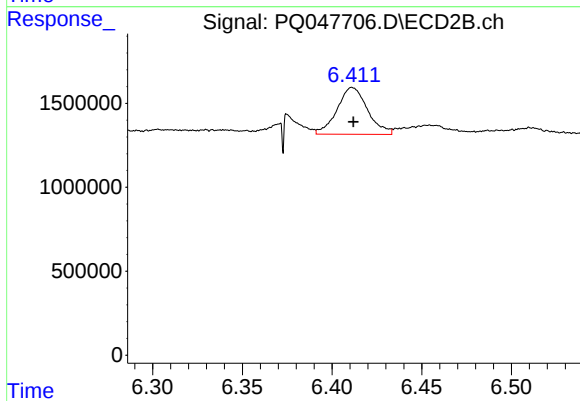
#19 AR-1242-4

R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 3869123
Conc: 58.53 ng/ml



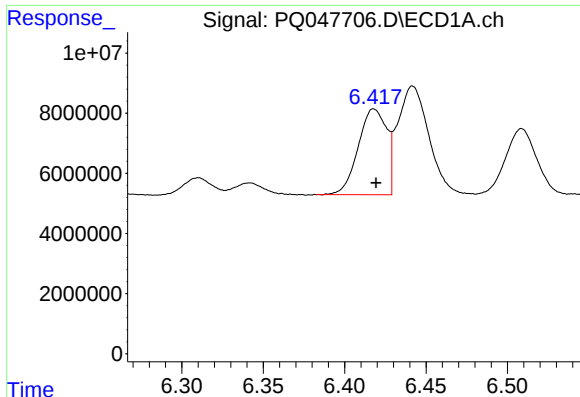
#20 AR-1242-5

R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 4413275
Conc: 9.47 ng/ml



#20 AR-1242-5

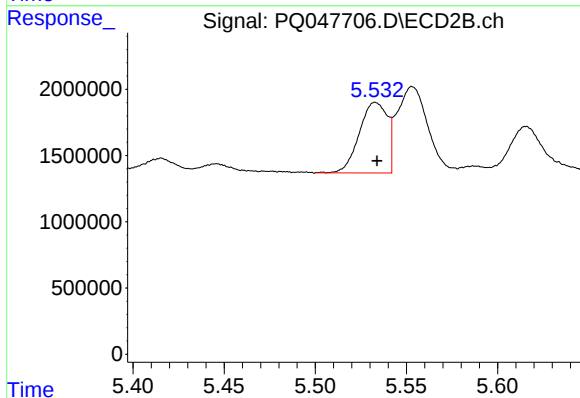
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 3302341
Conc: 35.56 ng/ml



#21 AR-1248-1

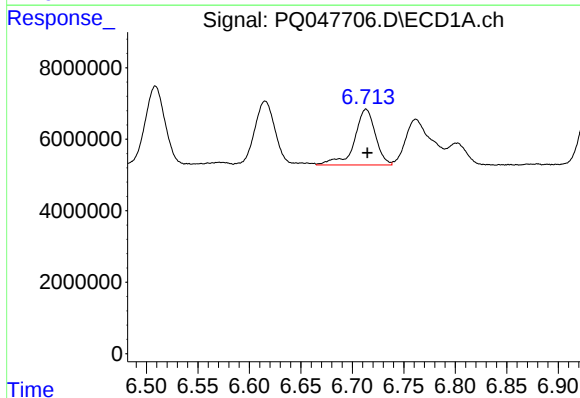
R.T.: 6.418 min
Delta R.T.: -0.001 min
Response: 34694028
Conc: 89.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



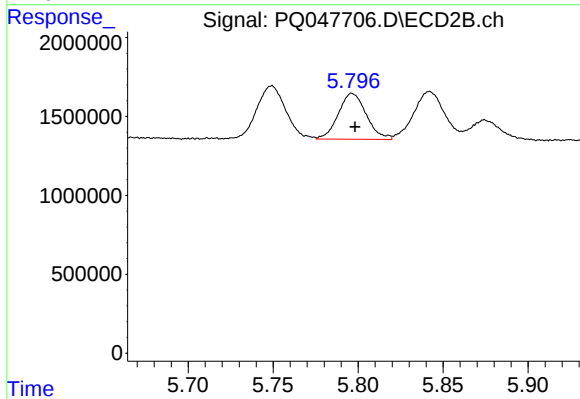
#21 AR-1248-1

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 5696723
Conc: 85.54 ng/ml



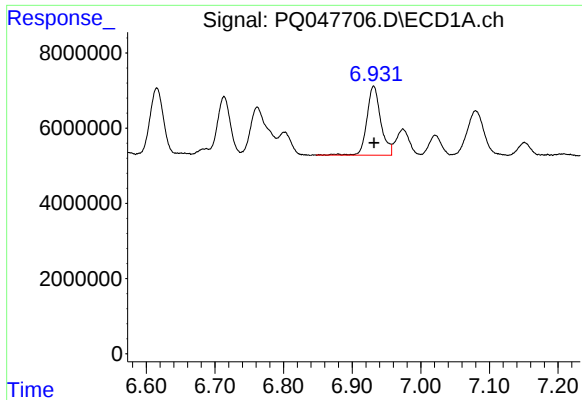
#22 AR-1248-2

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 22153885
Conc: 42.77 ng/ml



#22 AR-1248-2

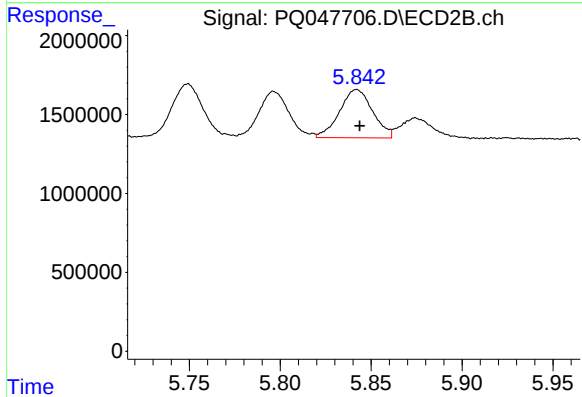
R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 3328349
Conc: 39.84 ng/ml



#23 AR-1248-3

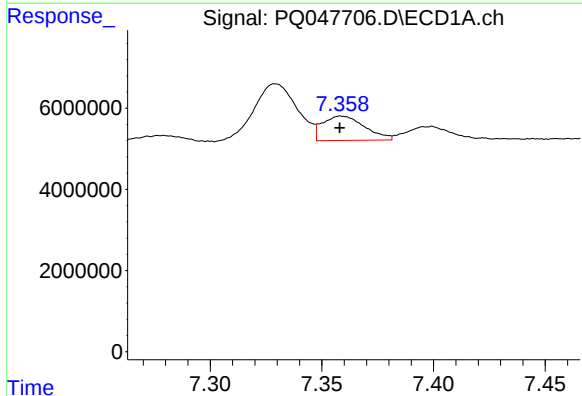
R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 25807167
Conc: 44.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



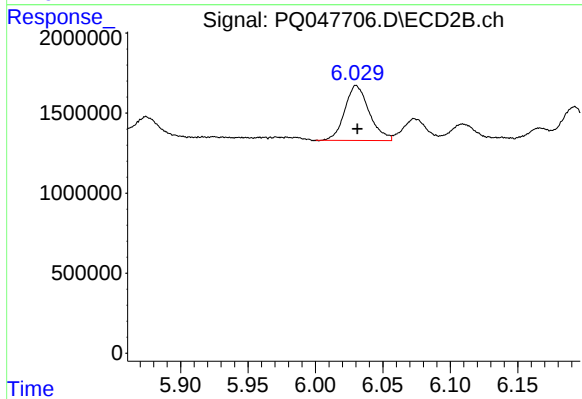
#23 AR-1248-3

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 3869123
Conc: 45.36 ng/ml



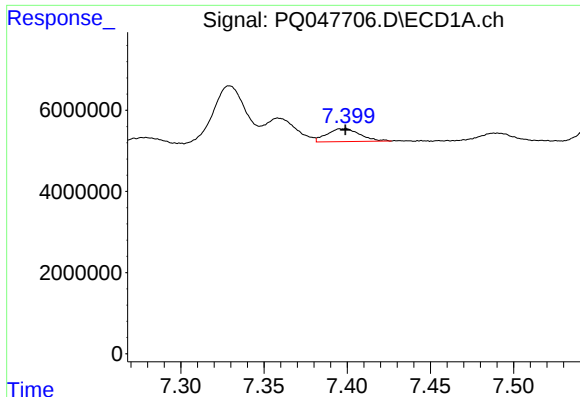
#24 AR-1248-4

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 7908270
Conc: 11.52 ng/ml



#24 AR-1248-4

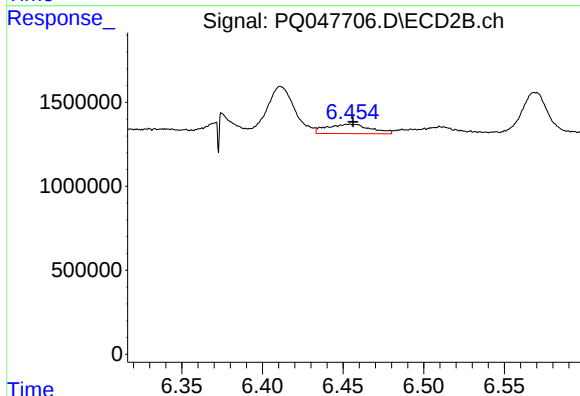
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 4337690
Conc: 41.34 ng/ml



#25 AR-1248-5

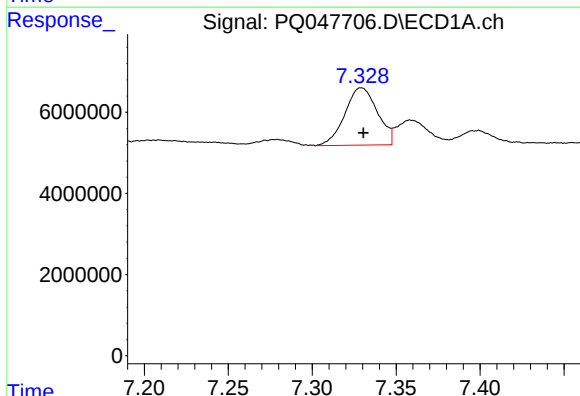
R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 4413275
Conc: 6.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



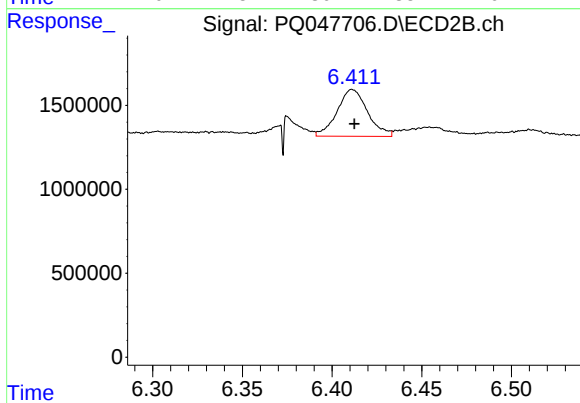
#25 AR-1248-5

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 1057446
Conc: 10.03 ng/ml



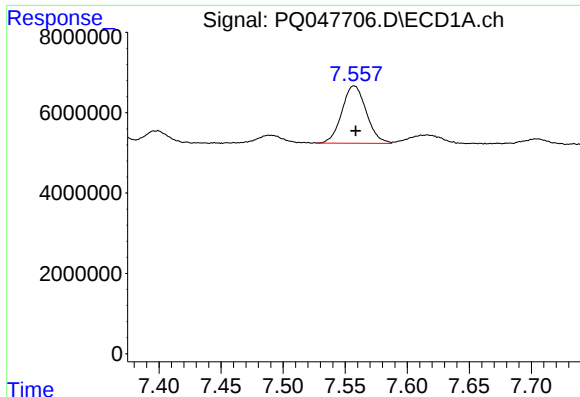
#26 AR-1254-1

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 19062855
Conc: 27.22 ng/ml



#26 AR-1254-1

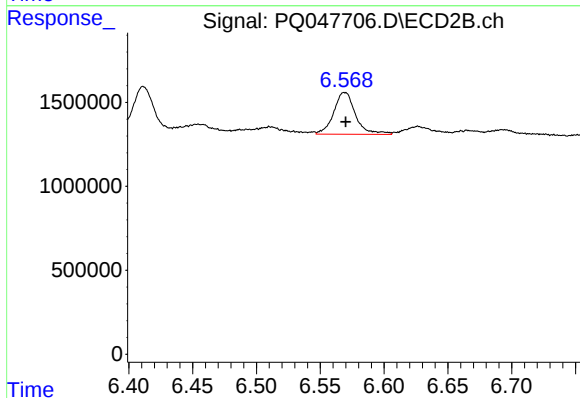
R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 3302341
Conc: 18.98 ng/ml



#27 AR-1254-2

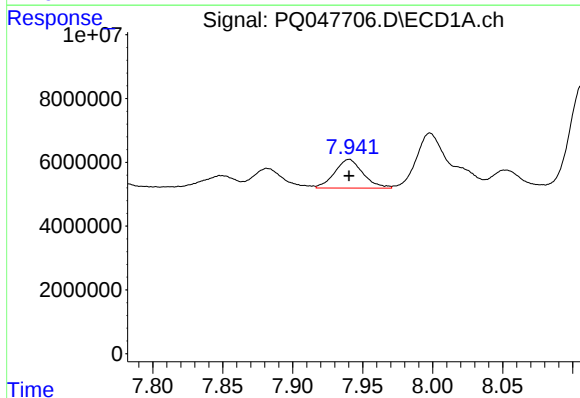
R.T.: 7.557 min
Delta R.T.: -0.001 min
Response: 19591057
Conc: 17.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



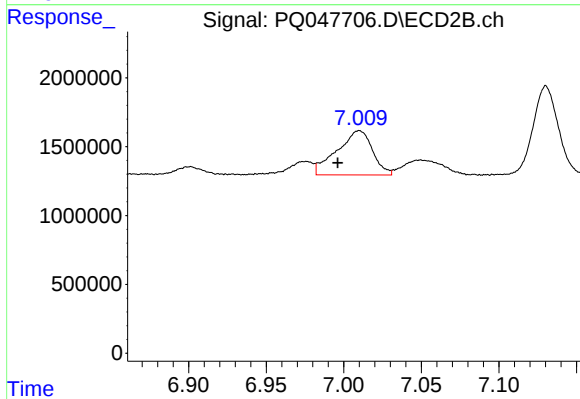
#27 AR-1254-2

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 2969985
Conc: 19.67 ng/ml



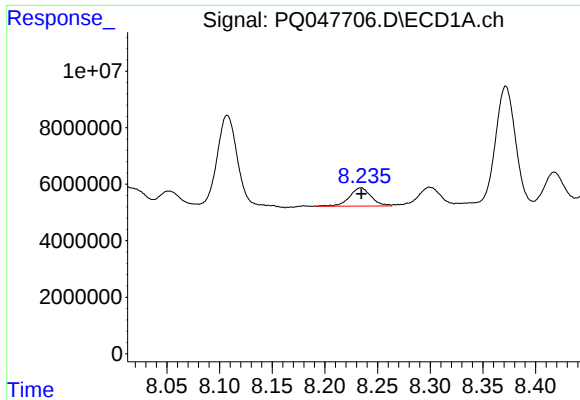
#28 AR-1254-3

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 12755016
Conc: 10.96 ng/ml



#28 AR-1254-3

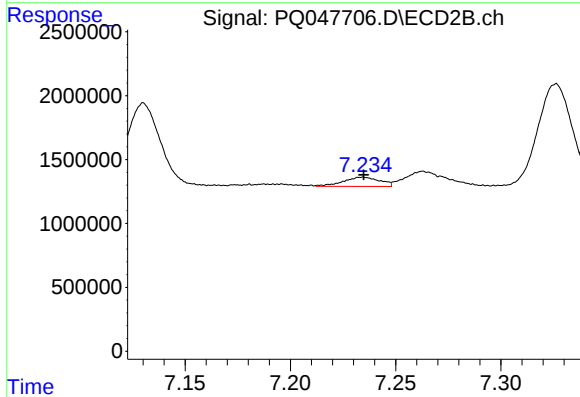
R.T.: 7.010 min
Delta R.T.: 0.014 min
Response: 5112885
Conc: 21.06 ng/ml



#29 AR-1254-4

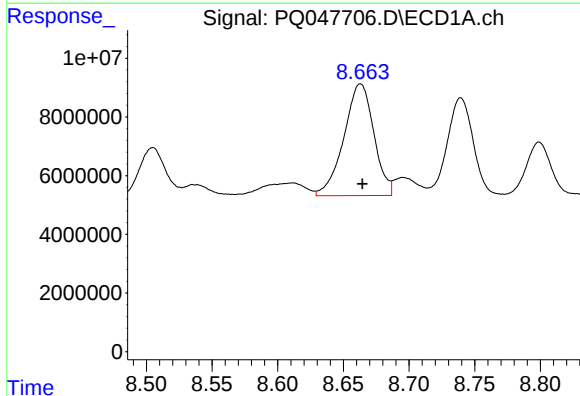
R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 9251486
Conc: 9.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



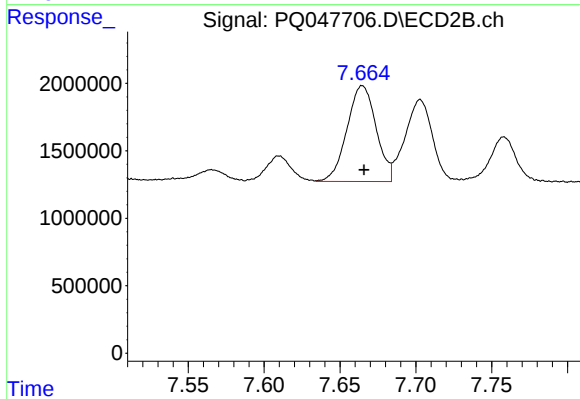
#29 AR-1254-4

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 878021
Conc: 5.62 ng/ml



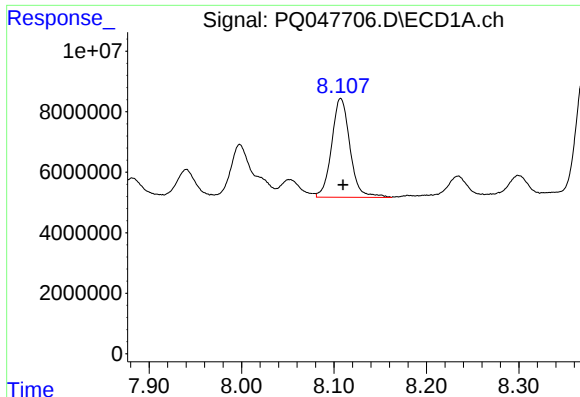
#30 AR-1254-5

R.T.: 8.663 min
Delta R.T.: -0.001 min
Response: 60544020
Conc: 61.84 ng/ml



#30 AR-1254-5

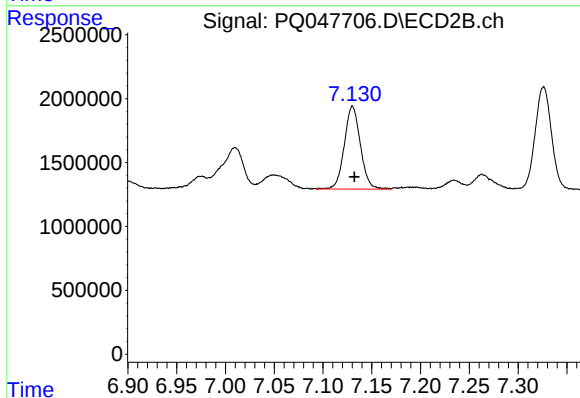
R.T.: 7.665 min
Delta R.T.: -0.001 min
Response: 9495331
Conc: 45.37 ng/ml



#31 AR-1260-1

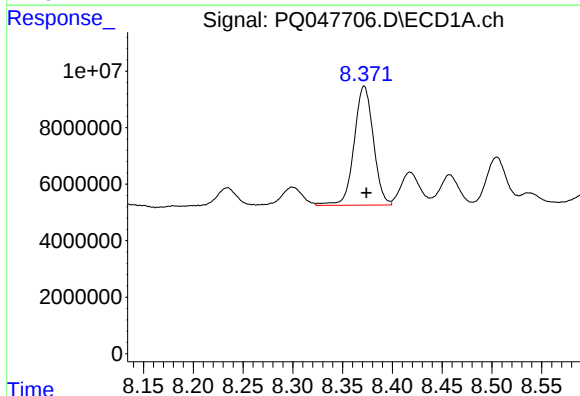
R.T.: 8.107 min
Delta R.T.: -0.003 min
Response: 45012798
Conc: 52.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



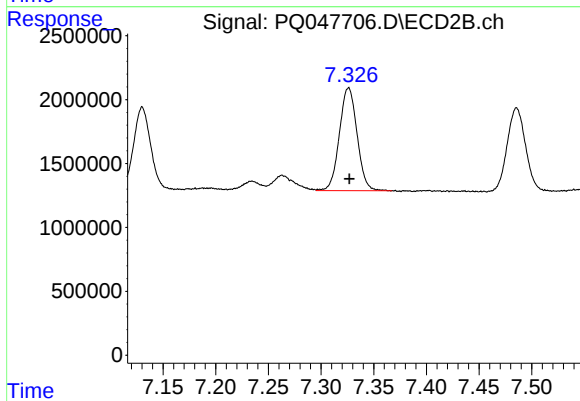
#31 AR-1260-1

R.T.: 7.130 min
Delta R.T.: -0.002 min
Response: 7462884
Conc: 47.31 ng/ml



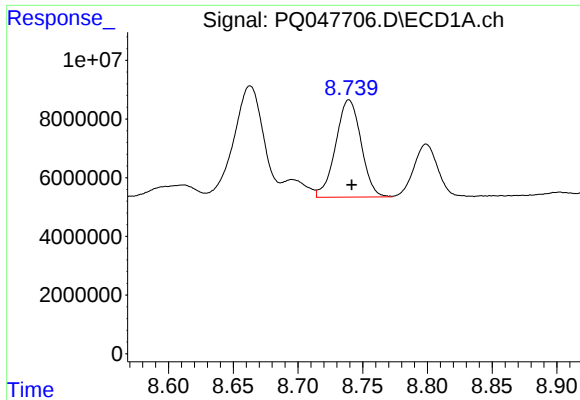
#32 AR-1260-2

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 56796530
Conc: 49.94 ng/ml



#32 AR-1260-2

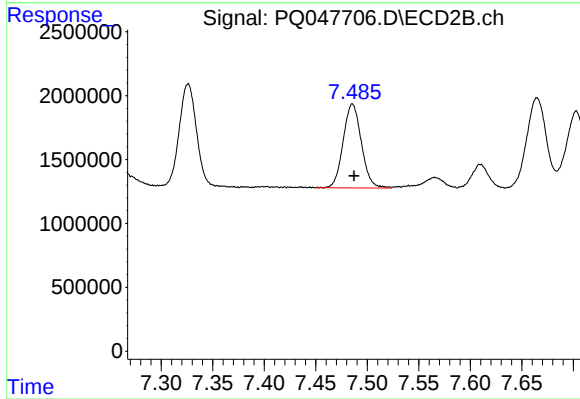
R.T.: 7.326 min
Delta R.T.: -0.001 min
Response: 9417257
Conc: 47.90 ng/ml



#33 AR-1260-3

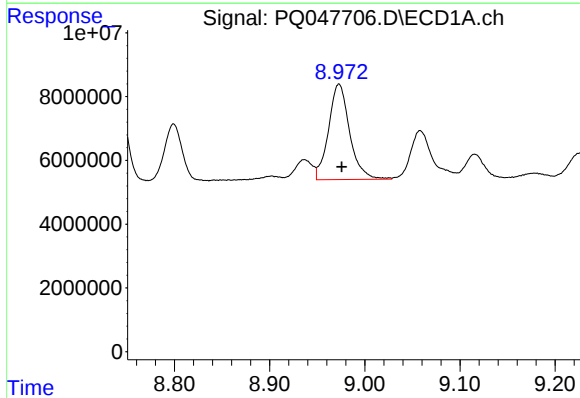
R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 45319780
Conc: 46.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



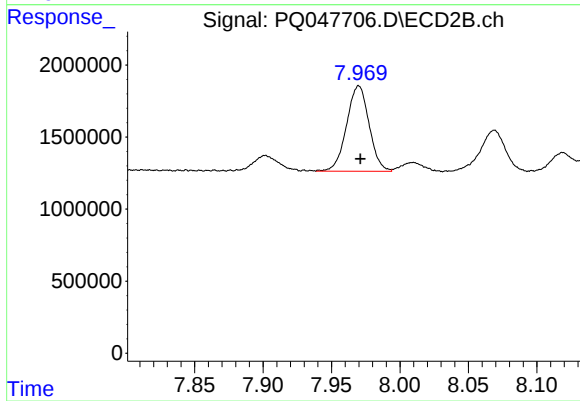
#33 AR-1260-3

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 8080285
Conc: 44.19 ng/ml



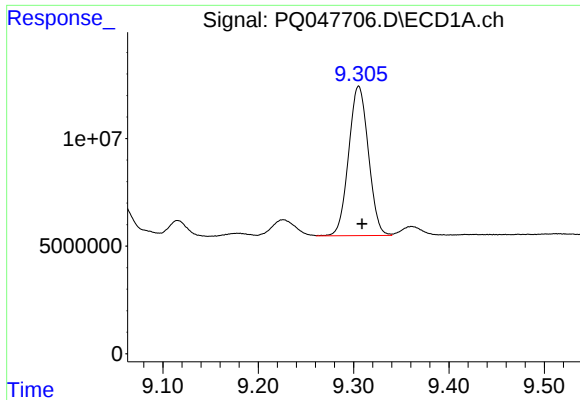
#34 AR-1260-4

R.T.: 8.973 min
Delta R.T.: -0.003 min
Response: 46194476
Conc: 47.58 ng/ml



#34 AR-1260-4

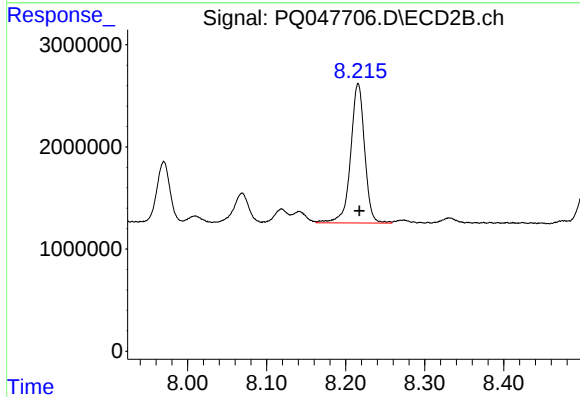
R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 6781286
Conc: 44.95 ng/ml



#35 AR-1260-5

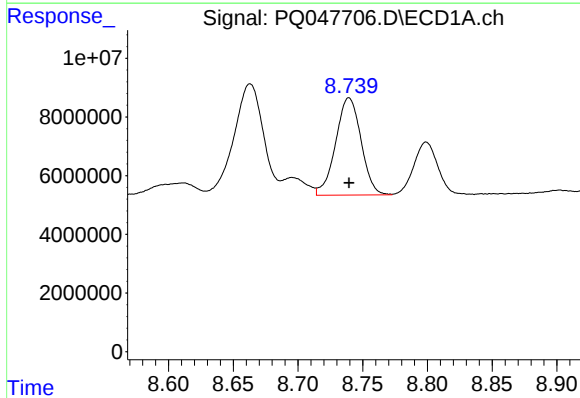
R.T.: 9.305 min
Delta R.T.: -0.003 min
Response: 100007811
Conc: 43.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



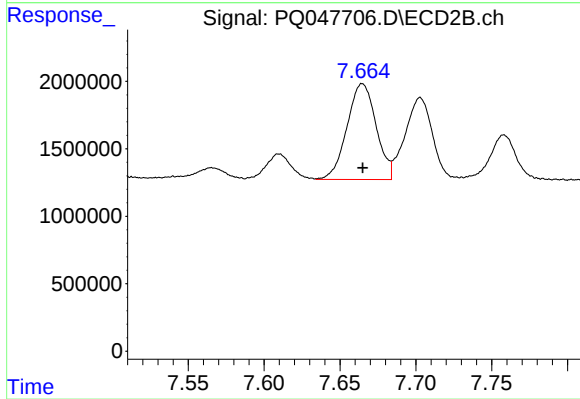
#35 AR-1260-5

R.T.: 8.216 min
Delta R.T.: -0.002 min
Response: 16768196
Conc: 43.27 ng/ml



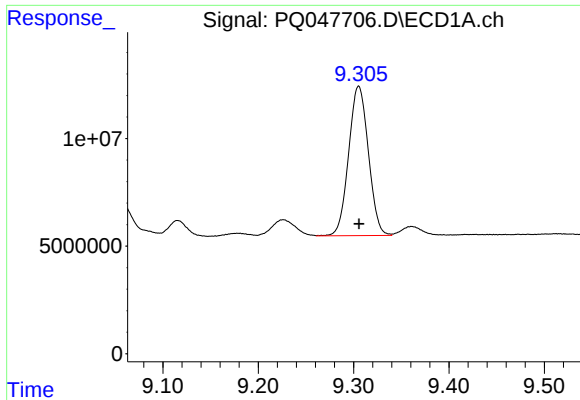
#36 AR-1262-1

R.T.: 8.739 min
Delta R.T.: 0.000 min
Response: 45319780
Conc: 32.79 ng/ml



#36 AR-1262-1

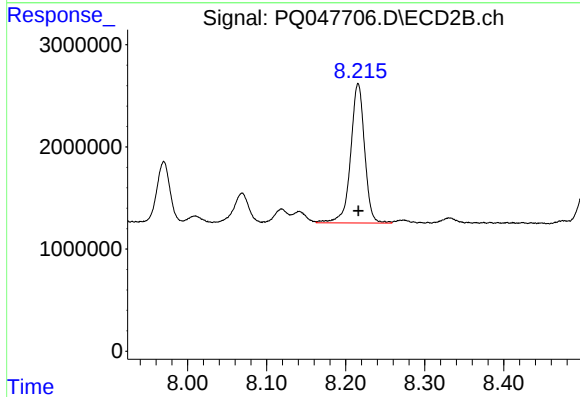
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 9495331
Conc: 85.72 ng/ml



#37 AR-1262-2

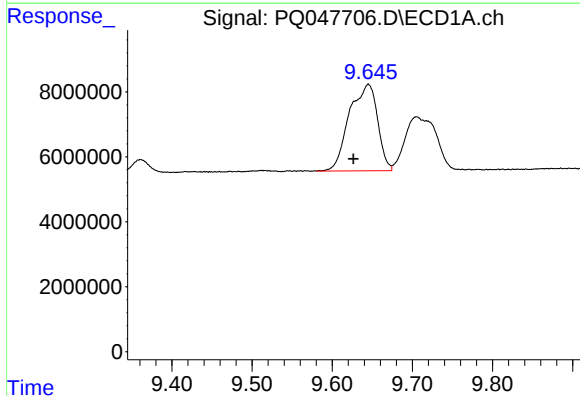
R.T.: 9.305 min
Delta R.T.: 0.000 min
Response: 100007811
Conc: 38.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



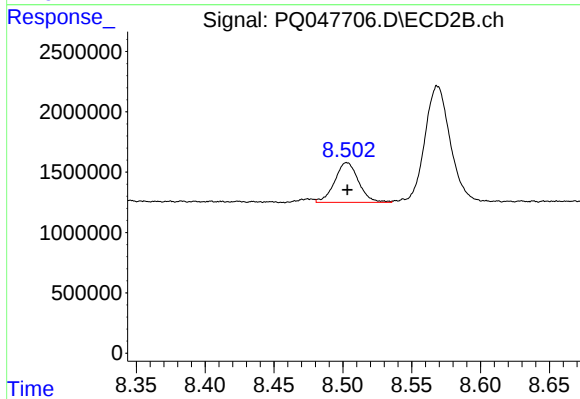
#37 AR-1262-2

R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 16768196
Conc: 39.77 ng/ml



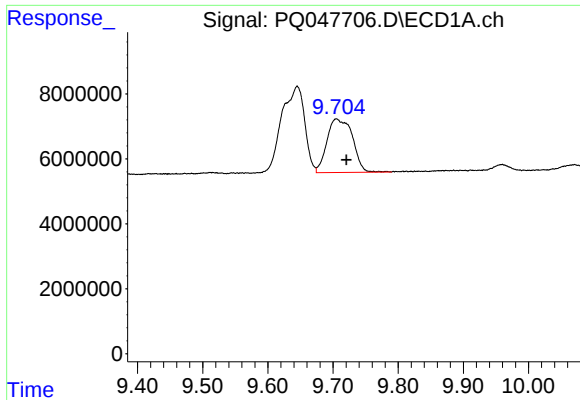
#38 AR-1262-3

R.T.: 9.645 min
Delta R.T.: 0.018 min
Response: 65186259
Conc: 37.51 ng/ml



#38 AR-1262-3

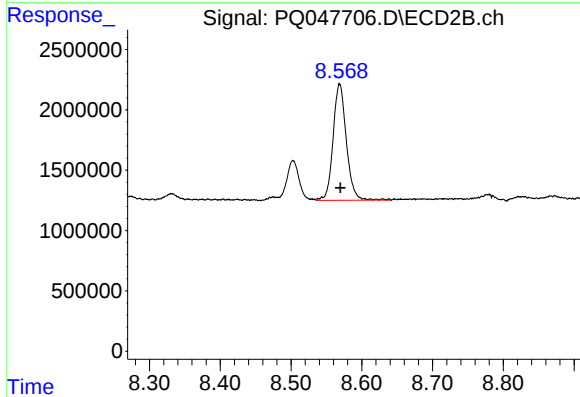
R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 3976060
Conc: 24.68 ng/ml



#39 AR-1262-4

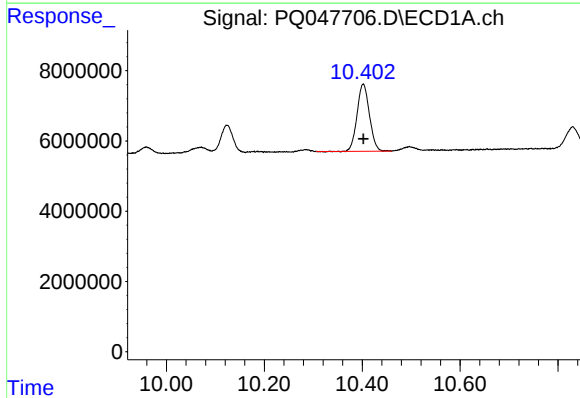
R.T.: 9.705 min
Delta R.T.: -0.016 min
Response: 44795936
Conc: 33.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



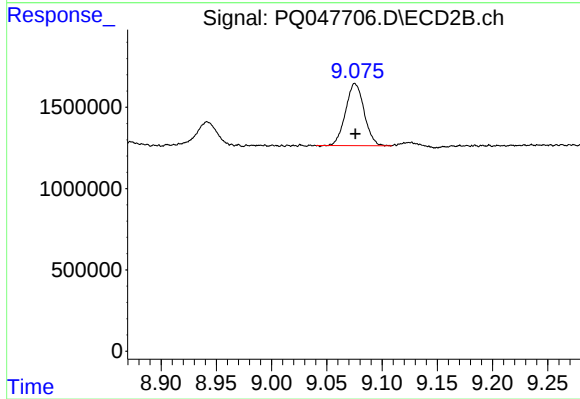
#39 AR-1262-4

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 12527044
Conc: 40.93 ng/ml



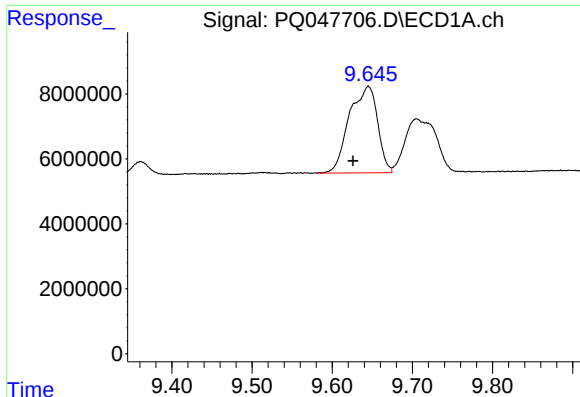
#40 AR-1262-5

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 33633935
Conc: 34.29 ng/ml



#40 AR-1262-5

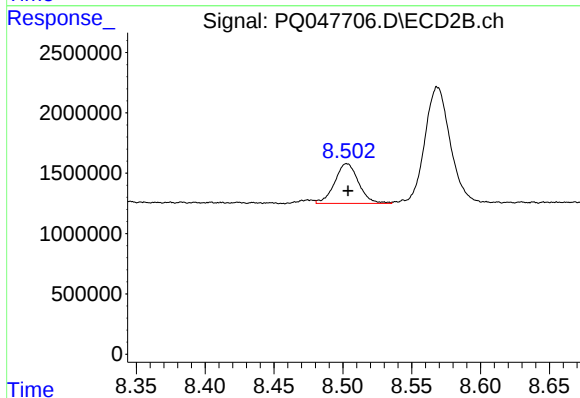
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 4465147
Conc: 31.17 ng/ml



#41 AR-1268-1

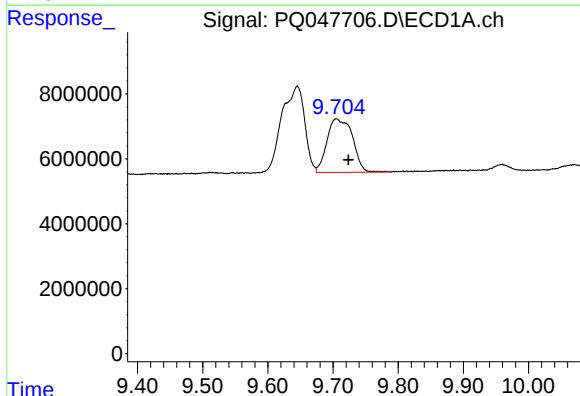
R.T.: 9.645 min
Delta R.T.: 0.019 min
Response: 65186259
Conc: 18.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



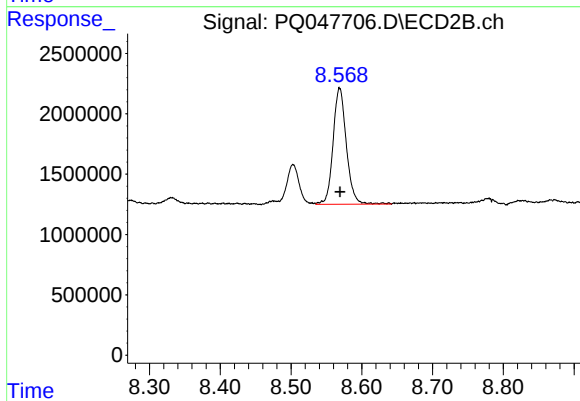
#41 AR-1268-1

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 3976060
Conc: 7.23 ng/ml



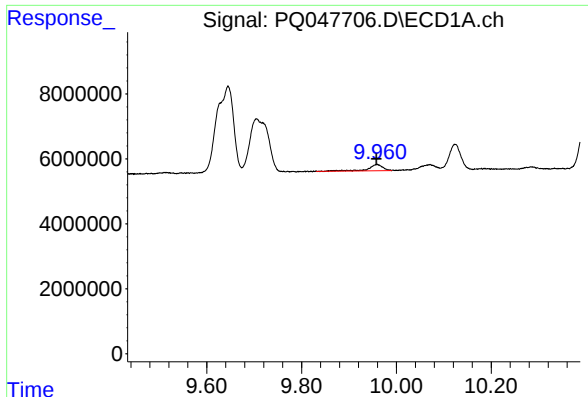
#42 AR-1268-2

R.T.: 9.705 min
Delta R.T.: -0.019 min
Response: 44795936
Conc: 13.95 ng/ml



#42 AR-1268-2

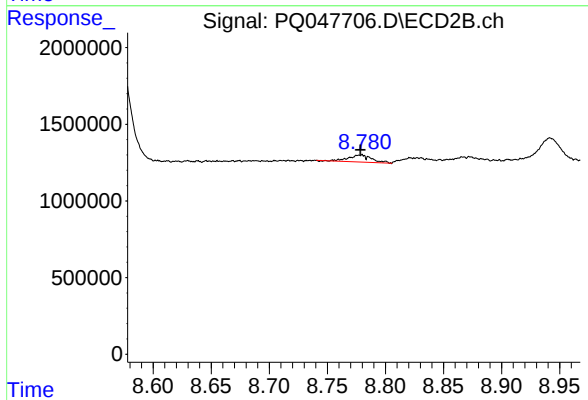
R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 12527044
Conc: 24.63 ng/ml



#43 AR-1268-3

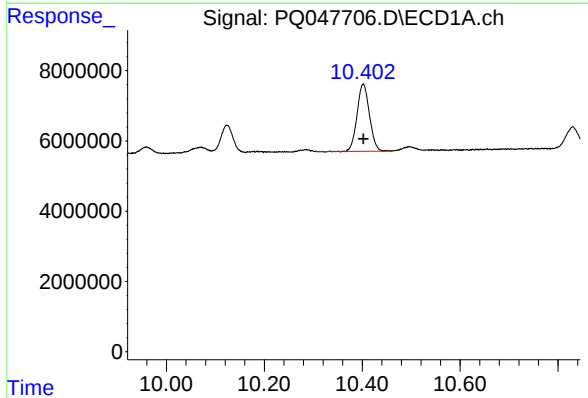
R.T.: 9.959 min
Delta R.T.: 0.001 min
Response: 4095464
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



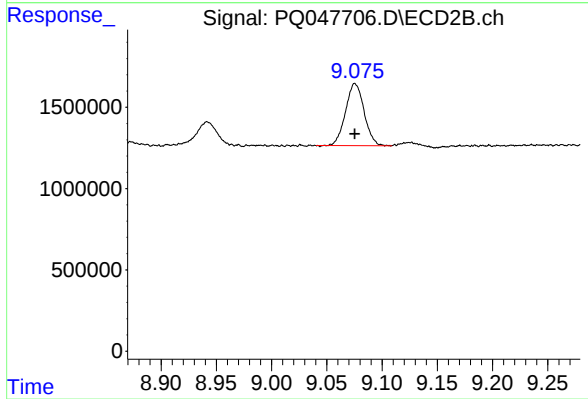
#43 AR-1268-3

R.T.: 8.780 min
Delta R.T.: 0.001 min
Response: 621563
Conc: 1.50 ng/ml



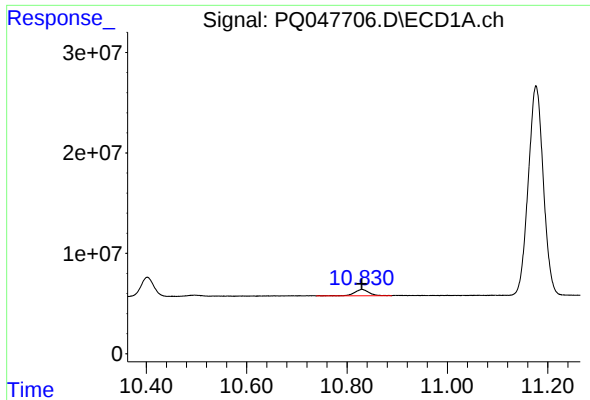
#44 AR-1268-4

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 33633935
Conc: 28.98 ng/ml



#44 AR-1268-4

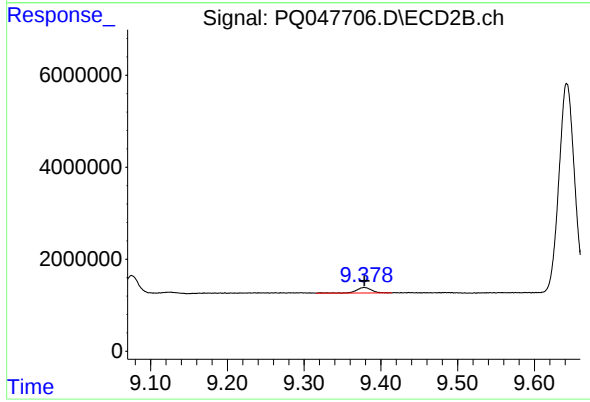
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 4465147
Conc: 26.21 ng/ml



#45 AR-1268-5

R.T.: 10.830 min
Delta R.T.: 0.000 min
Response: 12466763
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: 0.000 min
Response: 1649836
Conc: 1.26 ng/ml