

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040721\
 Data File : PQ052966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2021 18:59
 Operator : DD\AJ
 Sample : M1959-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 03:09:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 2021
 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...	5.226	4.244	650.0E6	265.0E6	28.206	27.711
2)	SA Decachlor...	11.413	9.581	835.9E6	350.8E6	33.803	35.450
Target Compounds							
3)	L1 AR-1016-1	6.572	5.521	48128396	17148643	56.092	44.247
4)	L1 AR-1016-2	6.572	5.521	48128396	17148643	37.710	30.909
5)	L1 AR-1016-3	6.645	5.712	3856241	8869866	5.088	31.194 #
6)	L1 AR-1016-4	6.747	5.763	19419568	13650903	30.516	60.823 #
7)	L1 AR-1016-5	7.060	5.994	26410359	15794234	43.335	55.061 #
8)	L2 AR-1221-1	5.501	0.000	8513114	0	34.970	N.D. #
9)	L2 AR-1221-2	5.582	4.598	11396807	5804400	67.138	77.663
10)	L2 AR-1221-3	5.672	4.639f	9844250	3238007	17.062	12.757 #
11)	L3 AR-1232-1	5.672	4.639f	9844250	3238007	20.992	15.463 #
12)	L3 AR-1232-2	6.253	5.521	39356995	17148643	155.625	73.507 #
13)	L3 AR-1232-3	6.572	5.712	48128396	8869866	89.443	75.794
14)	L3 AR-1232-4	6.747	5.808	19419568	10716748	72.472	107.857 #
15)	L3 AR-1232-5	6.842	5.994	24366025	15794234	124.090	143.028
16)	L4 AR-1242-1	6.572	5.521	48128396	17148643	60.380	48.553
17)	L4 AR-1242-2	6.572	5.521	48128396	17148643	40.898	34.225
18)	L4 AR-1242-3	6.645	5.712	3856241	8869866	5.458	34.127 #
19)	L4 AR-1242-4	6.747	5.808	19419568	10716748	33.052	43.649 #
20)	L4 AR-1242-5	7.528	6.372	54804166	65284435	81.799	187.907 #
21)	L5 AR-1248-1	6.572	5.521	48128396	17148643	87.699	70.132
22)	L5 AR-1248-2	6.842	5.763	24366025	13650903	31.283	41.139 #
23)	L5 AR-1248-3	7.060	5.808	26410359	10716748	29.620	31.194
24)	L5 AR-1248-4	7.488	5.994	27631348	15794234	25.830	38.118 #
25)	L5 AR-1248-5	7.528	6.416	54804166	23563771	51.564	52.811
26)	L6 AR-1254-1	7.458	6.372	117.7E6	65284435	86.628	72.796
27)	L6 AR-1254-2	7.685	6.530	185.7E6	86715822	86.986	109.468 #
28)	L6 AR-1254-3	8.070	6.969	126.9E6	177.5E6	54.160	136.839 #
29)	L6 AR-1254-4	8.363	7.189	108.2E6	42735386	62.633	48.025
30)	L6 AR-1254-5	8.792	7.618	823.8E6	459.3E6	449.045	383.930
31)	L7 AR-1260-1	8.235	7.088	441.6E6	250.3E6	409.811	433.032
32)	L7 AR-1260-2	8.498	7.284	675.0E6	442.9E6	513.678	555.344
33)	L7 AR-1260-3	8.865	7.440	331.7E6	248.0E6	330.351	376.282
34)	L7 AR-1260-4	9.108	7.923	434.2E6	185.6E6	379.915	329.216
35)	L7 AR-1260-5	9.453	8.169	930.0E6	603.0E6	390.917	394.012
36)	L8 AR-1262-1	8.865	7.618	331.7E6	459.3E6	182.712	911.868 #
37)	L8 AR-1262-2	9.453	8.169	930.0E6	603.0E6	277.712	289.850
38)	L8 AR-1262-3	9.812	8.456	589.6E6	96532130	265.701	119.423 #
39)	L8 AR-1262-4	9.866	8.519	302.0E6	399.6E6	172.856	286.712 #
40)	L8 AR-1262-5	10.601	9.023	202.6E6	97490288	166.877	158.926
41)	L9 AR-1268-1	9.812	8.456	589.6E6	96532130	150.230	40.701 #

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 Operator : DD\AJ
 Sample : M1959-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

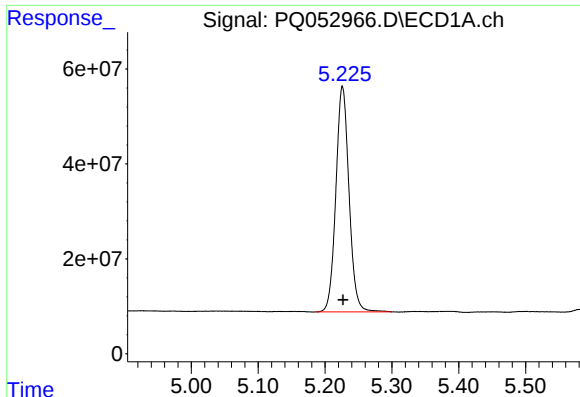
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 03:09:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 2021
 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	9.866	8.519	302.0E6	399.6E6	81.471	196.578 #
43) L9	AR-1268-3	10.095f	8.719	11231112	15192498	3.516	8.541 #
44) L9	AR-1268-4	10.601	9.023	202.6E6	97490288	157.103	147.141
45) L9	AR-1268-5	11.049	9.321	43965411	17700730	4.100	3.670

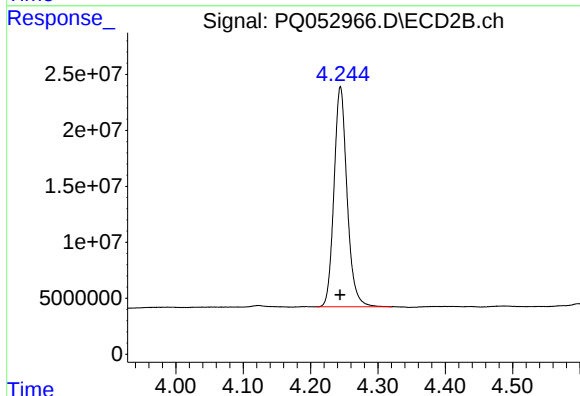
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

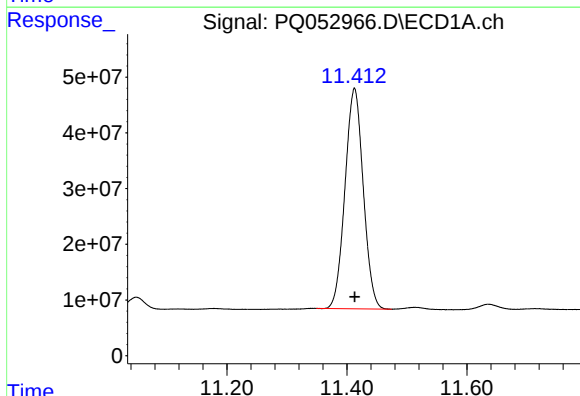
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 650043742
Conc: 28.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



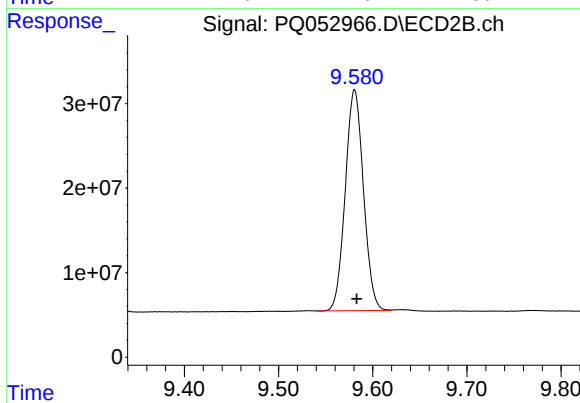
#1 Tetrachloro-m-xylene

R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 265046738
Conc: 27.71 ng/ml



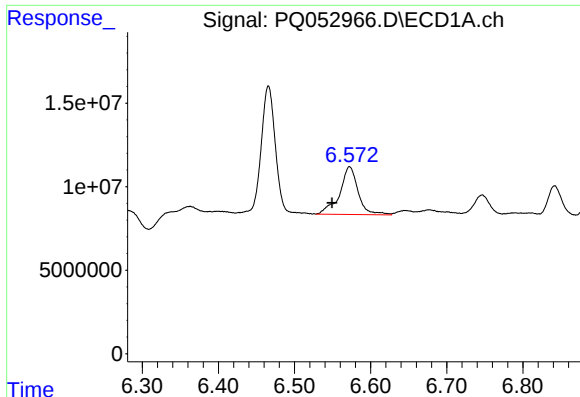
#2 Decachlorobiphenyl

R.T.: 11.413 min
Delta R.T.: 0.000 min
Response: 835897589
Conc: 33.80 ng/ml



#2 Decachlorobiphenyl

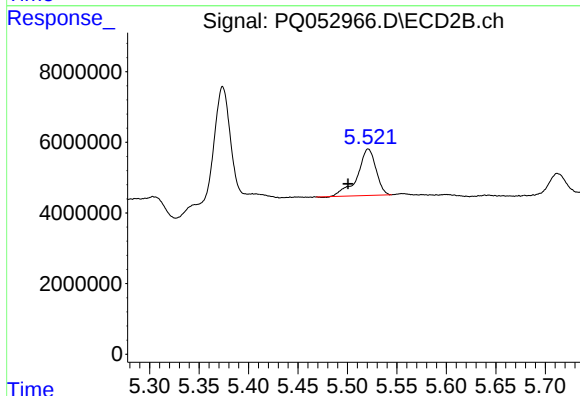
R.T.: 9.581 min
Delta R.T.: -0.002 min
Response: 350818445
Conc: 35.45 ng/ml



#3 AR-1016-1

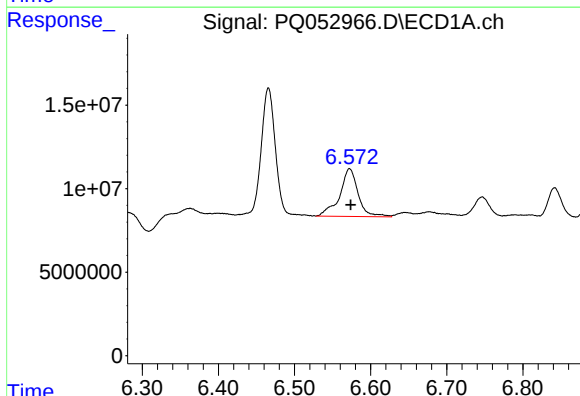
R.T.: 6.572 min
Delta R.T.: 0.023 min
Response: 48128396
Conc: 56.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



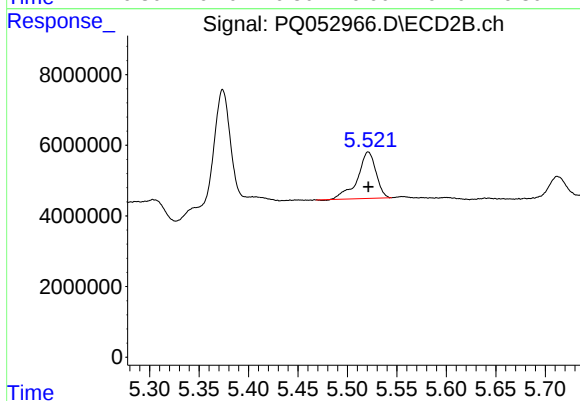
#3 AR-1016-1

R.T.: 5.521 min
Delta R.T.: 0.020 min
Response: 17148643
Conc: 44.25 ng/ml



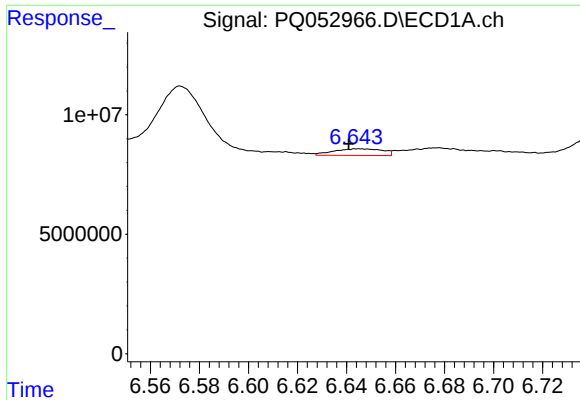
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 48128396
Conc: 37.71 ng/ml



#4 AR-1016-2

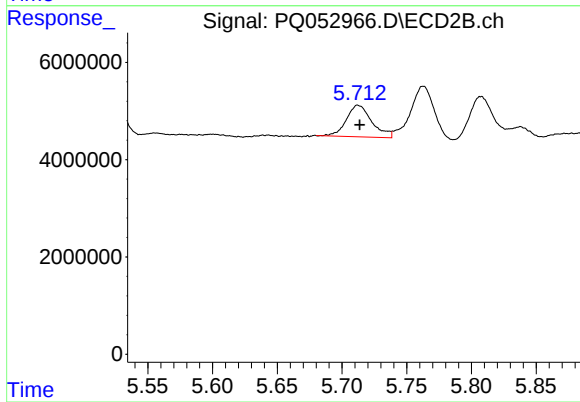
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 17148643
Conc: 30.91 ng/ml



#5 AR-1016-3

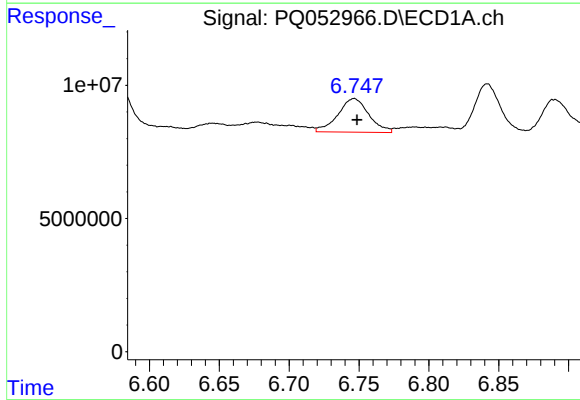
R.T.: 6.645 min
Delta R.T.: 0.004 min
Response: 3856241
Conc: 5.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



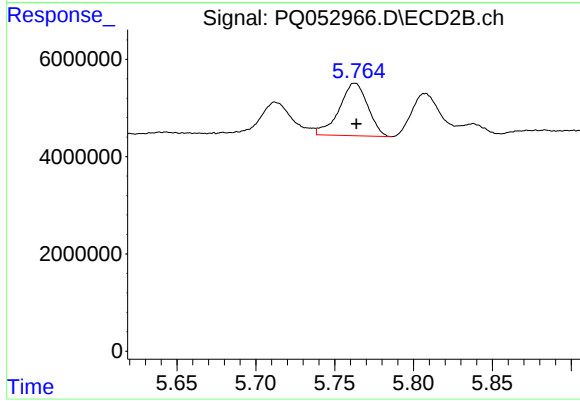
#5 AR-1016-3

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 8869866
Conc: 31.19 ng/ml



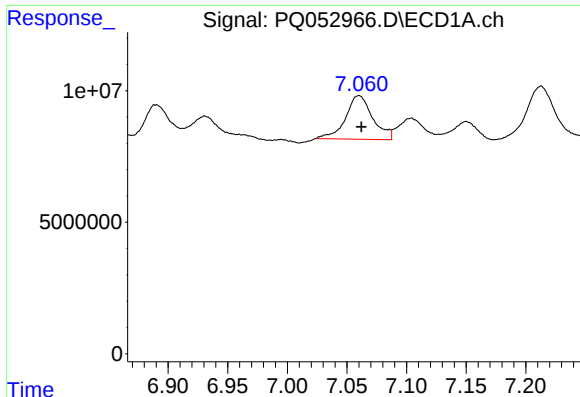
#6 AR-1016-4

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 19419568
Conc: 30.52 ng/ml



#6 AR-1016-4

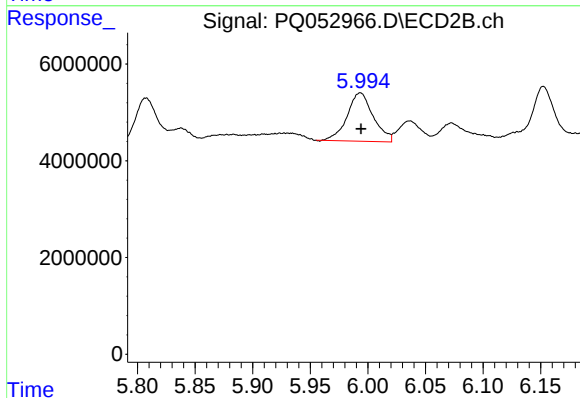
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 13650903
Conc: 60.82 ng/ml



#7 AR-1016-5

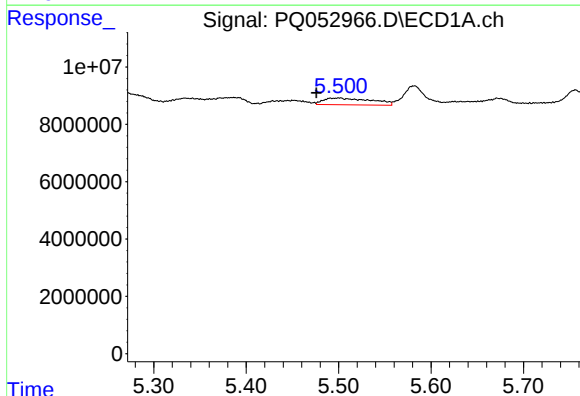
R.T.: 7.060 min
Delta R.T.: -0.002 min
Response: 26410359
Conc: 43.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



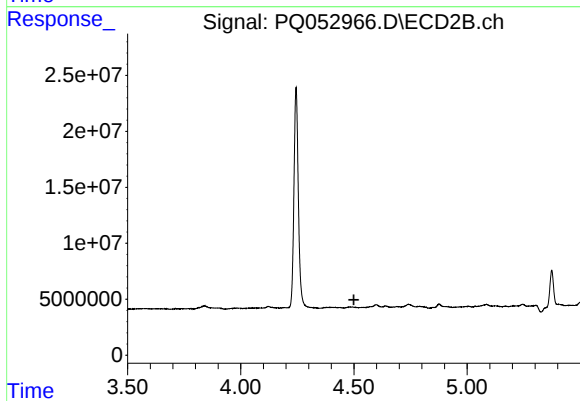
#7 AR-1016-5

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 15794234
Conc: 55.06 ng/ml



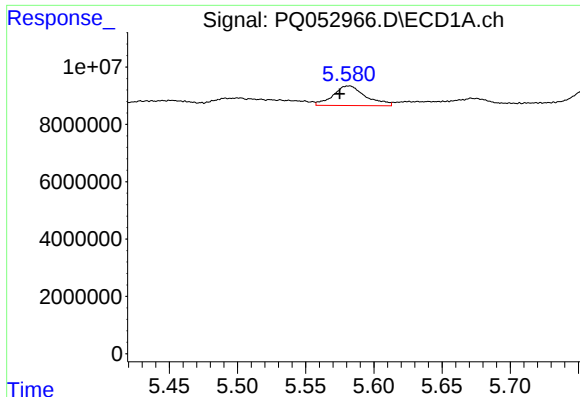
#8 AR-1221-1

R.T.: 5.501 min
Delta R.T.: 0.025 min
Response: 8513114
Conc: 34.97 ng/ml



#8 AR-1221-1

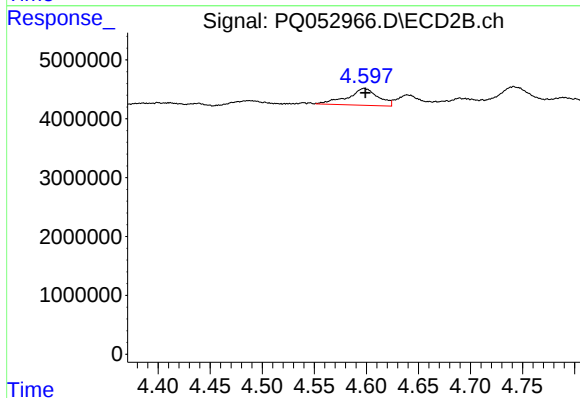
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.



#9 AR-1221-2

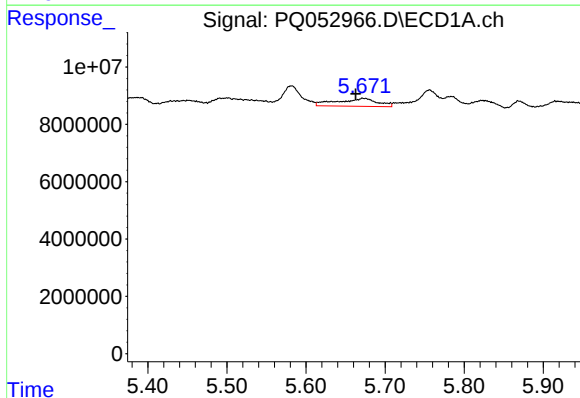
R.T.: 5.582 min
Delta R.T.: 0.007 min
Response: 11396807
Conc: 67.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



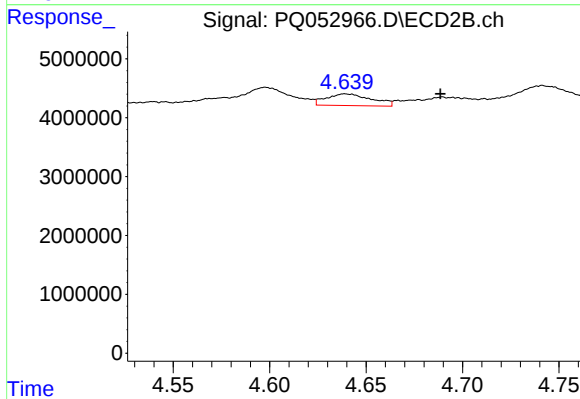
#9 AR-1221-2

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 5804400
Conc: 77.66 ng/ml



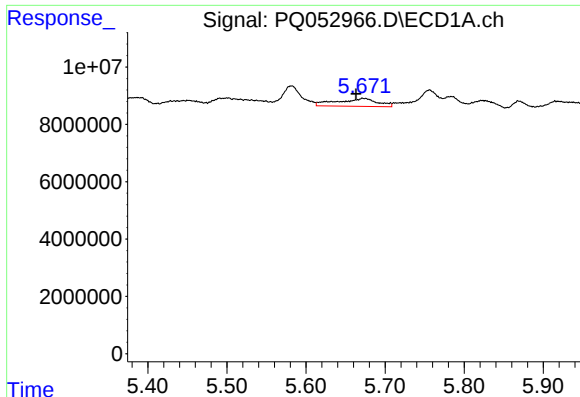
#10 AR-1221-3

R.T.: 5.672 min
Delta R.T.: 0.009 min
Response: 9844250
Conc: 17.06 ng/ml



#10 AR-1221-3

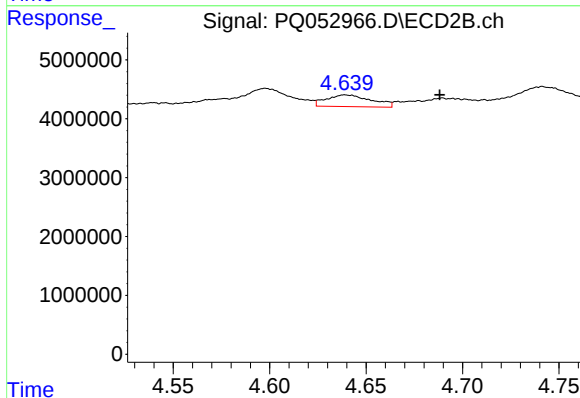
R.T.: 4.639 min
Delta R.T.: -0.049 min
Response: 3238007
Conc: 12.76 ng/ml



#11 AR-1232-1

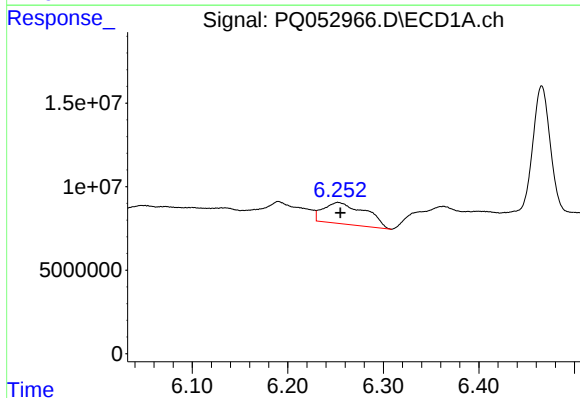
R.T.: 5.672 min
Delta R.T.: 0.009 min
Response: 9844250
Conc: 20.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



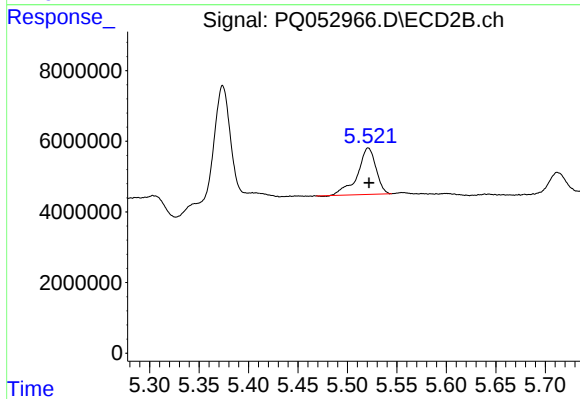
#11 AR-1232-1

R.T.: 4.639 min
Delta R.T.: -0.049 min
Response: 3238007
Conc: 15.46 ng/ml



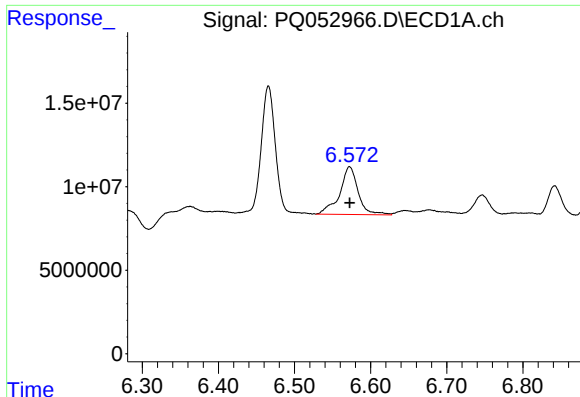
#12 AR-1232-2

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 39356995
Conc: 155.63 ng/ml



#12 AR-1232-2

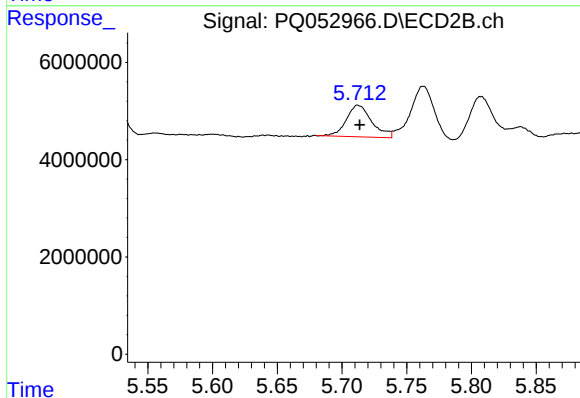
R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 17148643
Conc: 73.51 ng/ml



#13 AR-1232-3

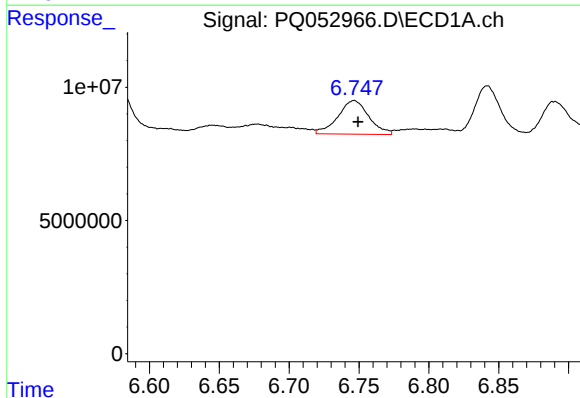
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 48128396
Conc: 89.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



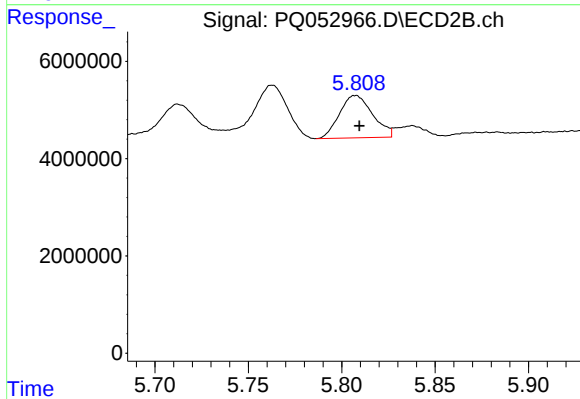
#13 AR-1232-3

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 8869866
Conc: 75.79 ng/ml



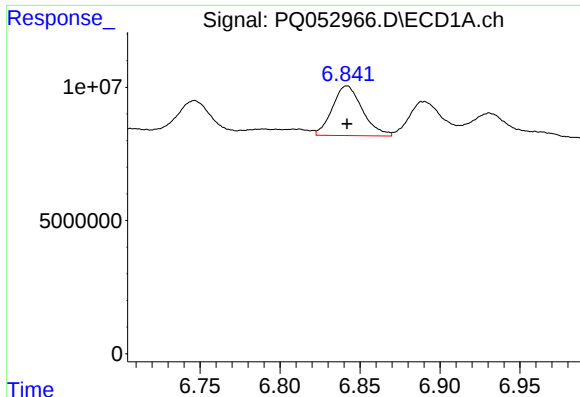
#14 AR-1232-4

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 19419568
Conc: 72.47 ng/ml



#14 AR-1232-4

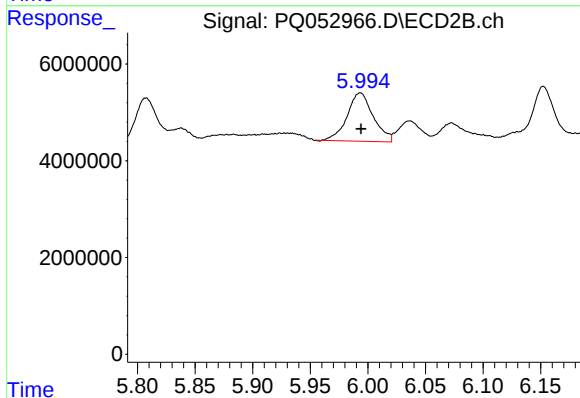
R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 10716748
Conc: 107.86 ng/ml



#15 AR-1232-5

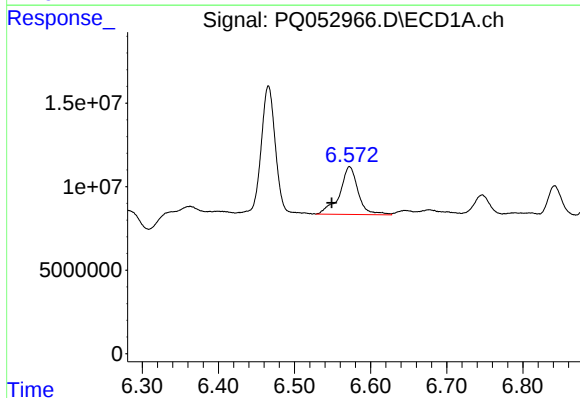
R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 24366025
Conc: 124.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



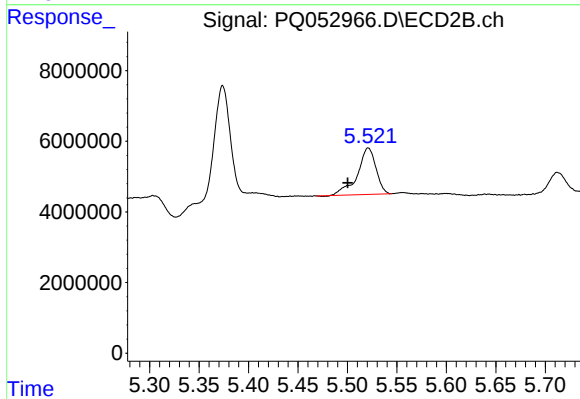
#15 AR-1232-5

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 15794234
Conc: 143.03 ng/ml



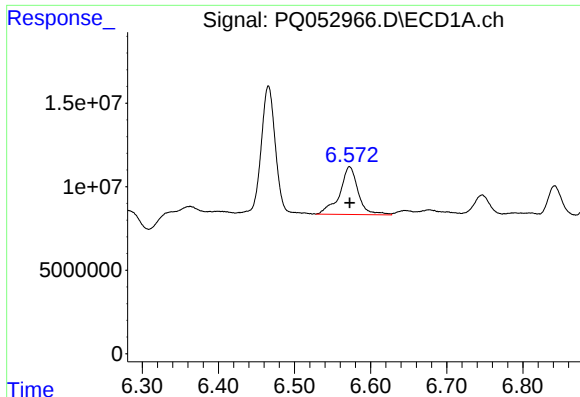
#16 AR-1242-1

R.T.: 6.572 min
Delta R.T.: 0.023 min
Response: 48128396
Conc: 60.38 ng/ml



#16 AR-1242-1

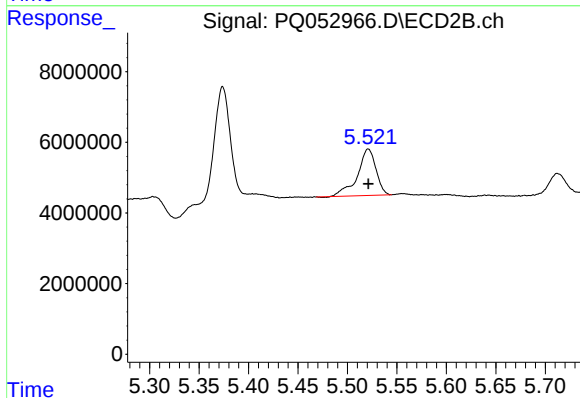
R.T.: 5.521 min
Delta R.T.: 0.021 min
Response: 17148643
Conc: 48.55 ng/ml



#17 AR-1242-2

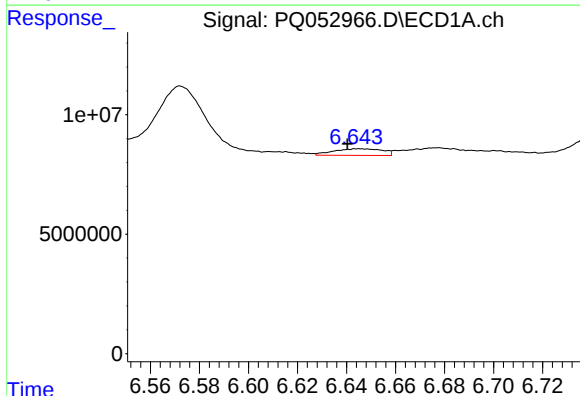
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 48128396
Conc: 40.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



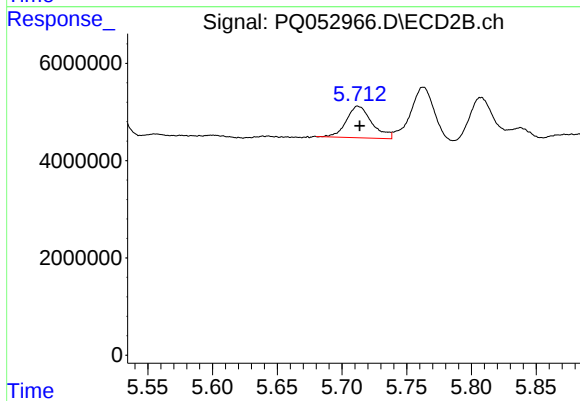
#17 AR-1242-2

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 17148643
Conc: 34.23 ng/ml



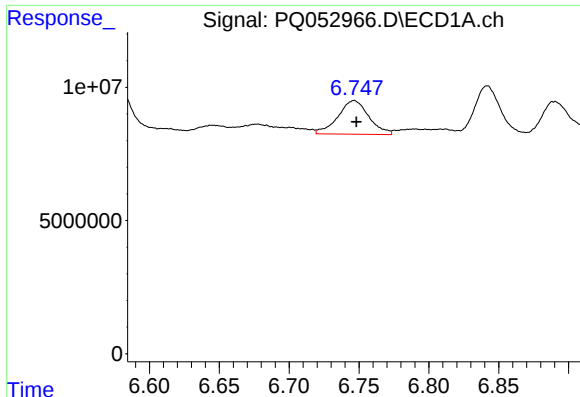
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: 0.005 min
Response: 3856241
Conc: 5.46 ng/ml



#18 AR-1242-3

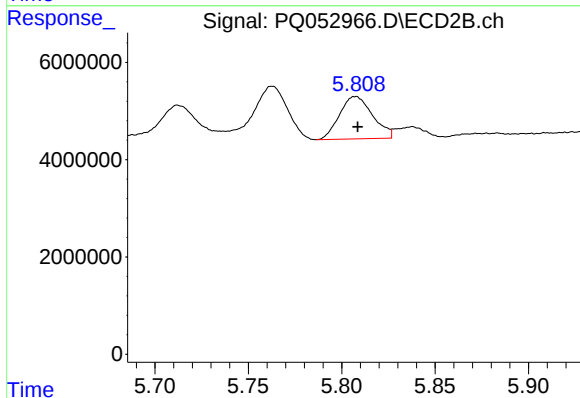
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 8869866
Conc: 34.13 ng/ml



#19 AR-1242-4

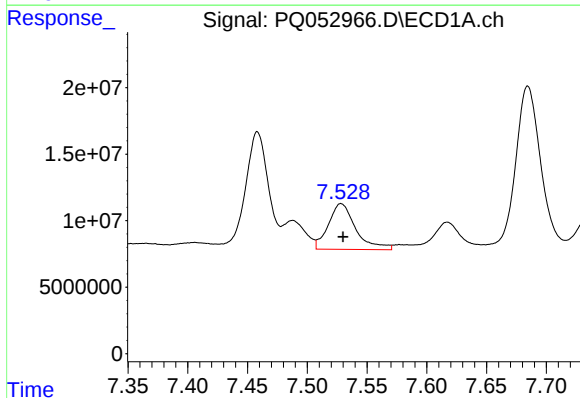
R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 19419568
Conc: 33.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



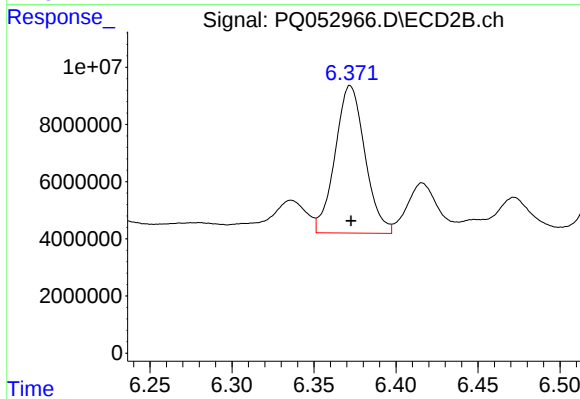
#19 AR-1242-4

R.T.: 5.808 min
Delta R.T.: -0.001 min
Response: 10716748
Conc: 43.65 ng/ml



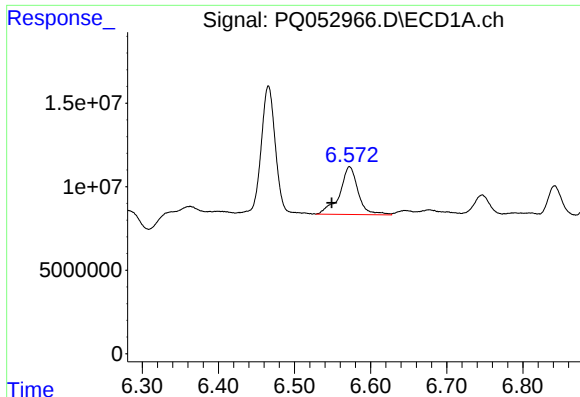
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 54804166
Conc: 81.80 ng/ml



#20 AR-1242-5

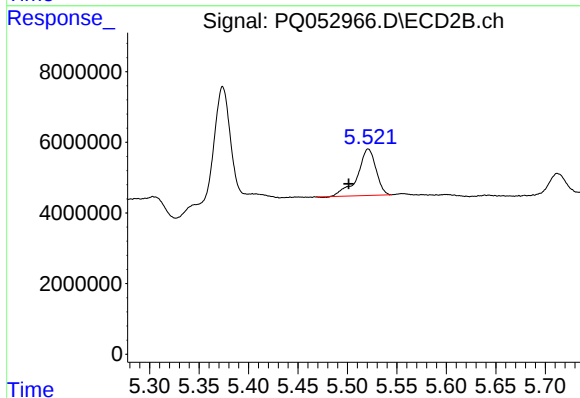
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 65284435
Conc: 187.91 ng/ml



#21 AR-1248-1

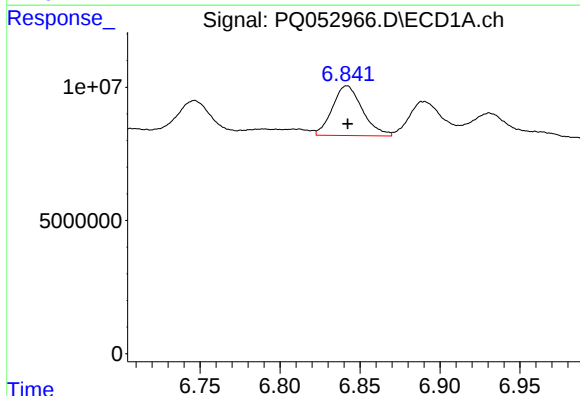
R.T.: 6.572 min
Delta R.T.: 0.023 min
Response: 48128396
Conc: 87.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



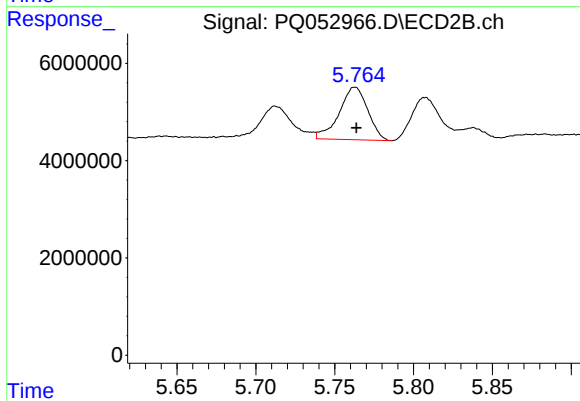
#21 AR-1248-1

R.T.: 5.521 min
Delta R.T.: 0.020 min
Response: 17148643
Conc: 70.13 ng/ml



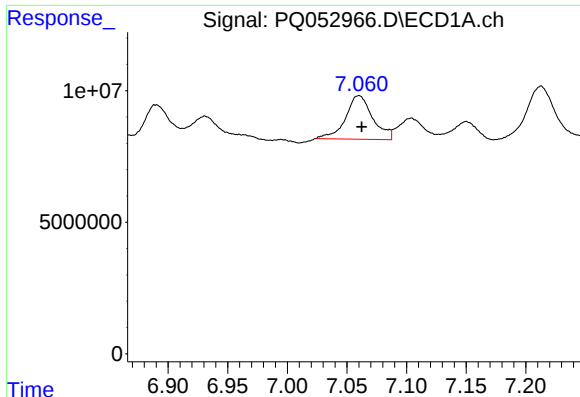
#22 AR-1248-2

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 24366025
Conc: 31.28 ng/ml



#22 AR-1248-2

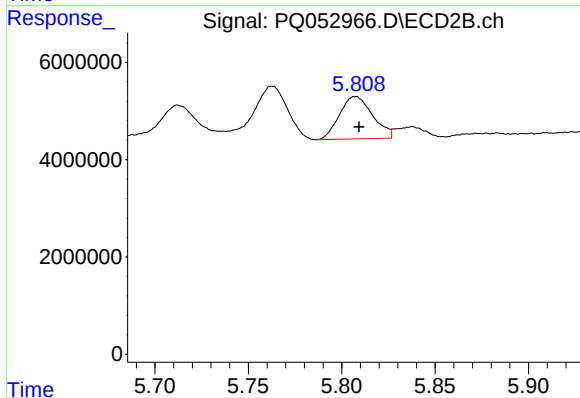
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 13650903
Conc: 41.14 ng/ml



#23 AR-1248-3

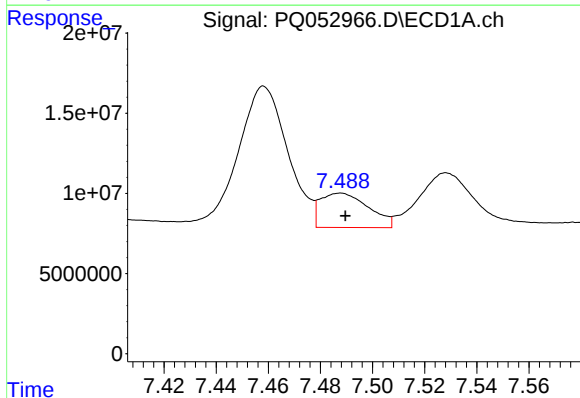
R.T.: 7.060 min
Delta R.T.: -0.003 min
Response: 26410359
Conc: 29.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



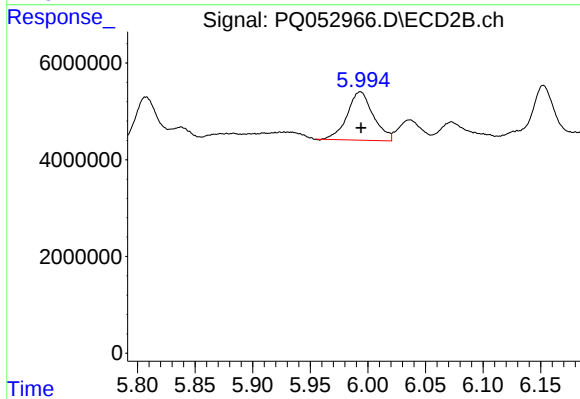
#23 AR-1248-3

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 10716748
Conc: 31.19 ng/ml



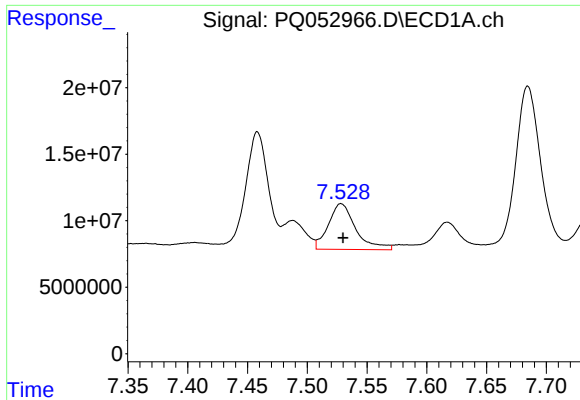
#24 AR-1248-4

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 27631348
Conc: 25.83 ng/ml



#24 AR-1248-4

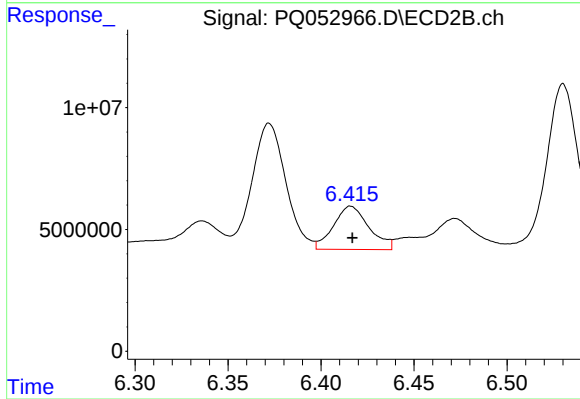
R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 15794234
Conc: 38.12 ng/ml



#25 AR-1248-5

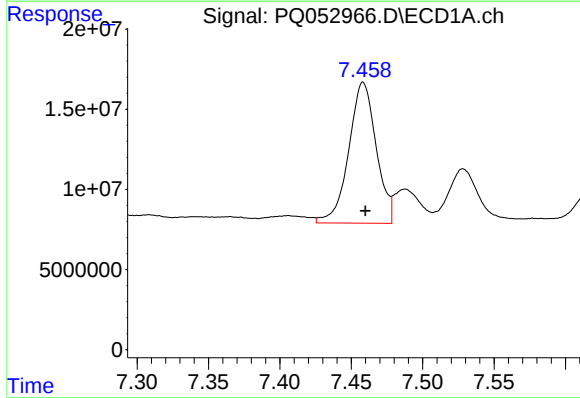
R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 54804166
Conc: 51.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



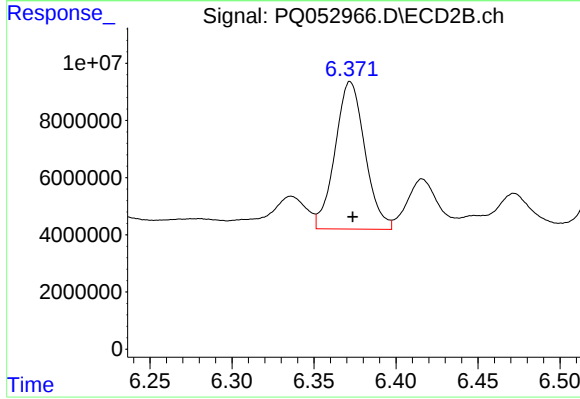
#25 AR-1248-5

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 23563771
Conc: 52.81 ng/ml



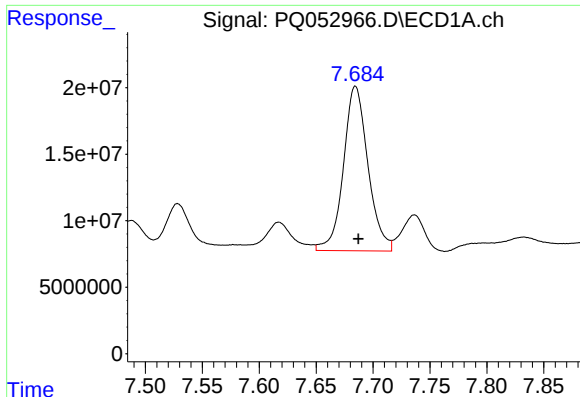
#26 AR-1254-1

R.T.: 7.458 min
Delta R.T.: -0.001 min
Response: 117713586
Conc: 86.63 ng/ml



#26 AR-1254-1

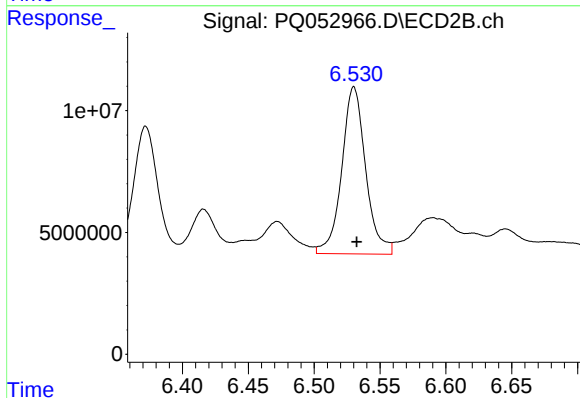
R.T.: 6.372 min
Delta R.T.: -0.002 min
Response: 65284435
Conc: 72.80 ng/ml



#27 AR-1254-2

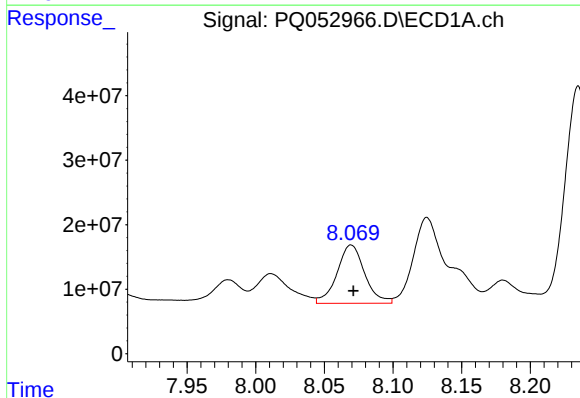
R.T.: 7.685 min
Delta R.T.: -0.003 min
Response: 185656425
Conc: 86.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



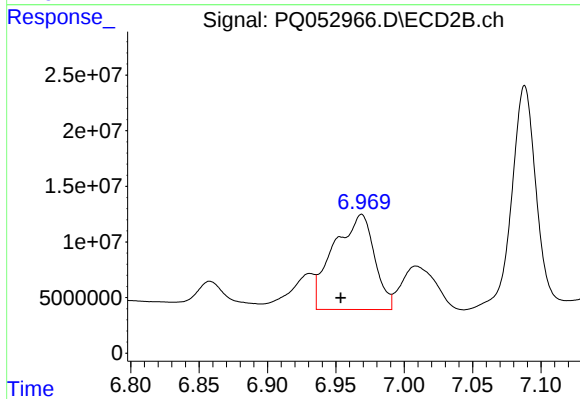
#27 AR-1254-2

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 86715822
Conc: 109.47 ng/ml



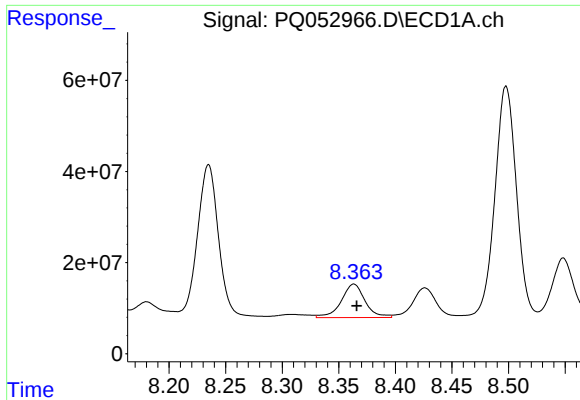
#28 AR-1254-3

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 126949652
Conc: 54.16 ng/ml



#28 AR-1254-3

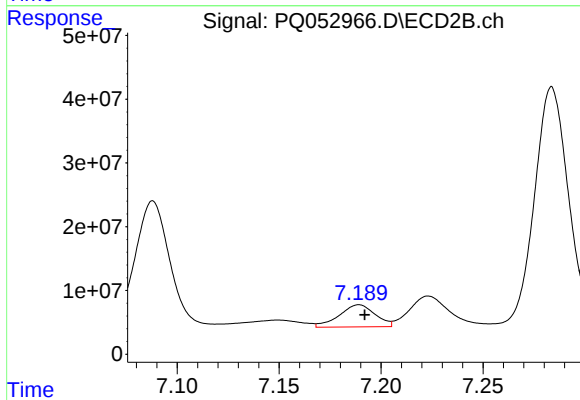
R.T.: 6.969 min
Delta R.T.: 0.015 min
Response: 177471192
Conc: 136.84 ng/ml



#29 AR-1254-4

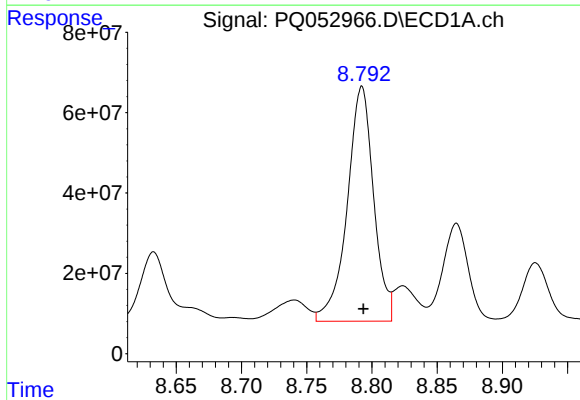
R.T.: 8.363 min
Delta R.T.: -0.003 min
Response: 108188906
Conc: 62.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



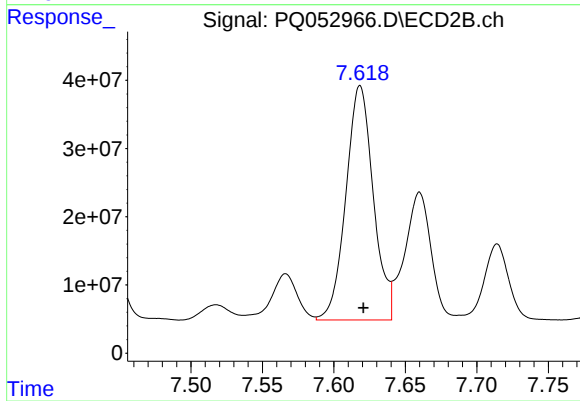
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 42735386
Conc: 48.02 ng/ml



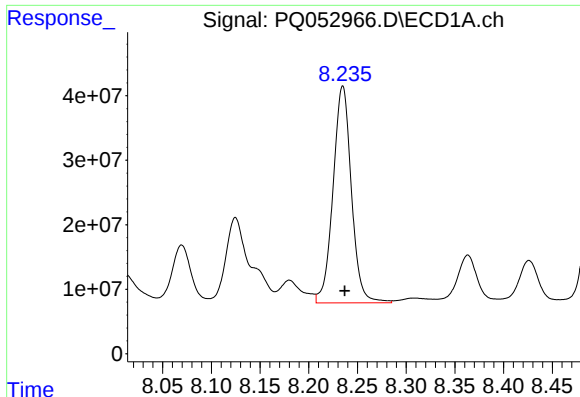
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 823831103
Conc: 449.05 ng/ml



#30 AR-1254-5

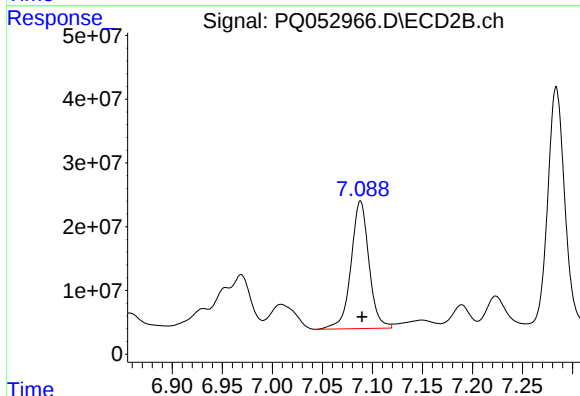
R.T.: 7.618 min
Delta R.T.: -0.002 min
Response: 459276208
Conc: 383.93 ng/ml



#31 AR-1260-1

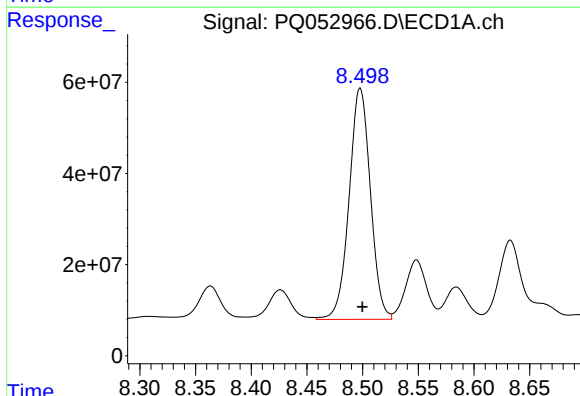
R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 441565219
Conc: 409.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



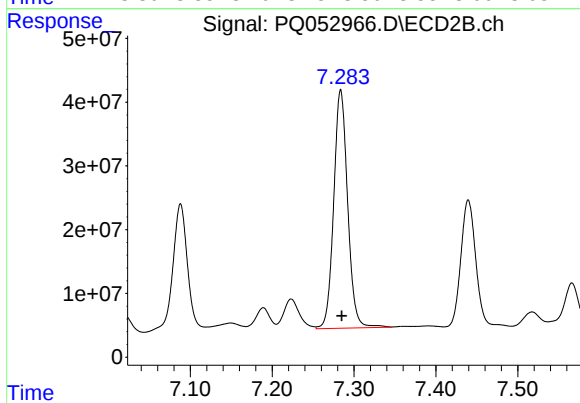
#31 AR-1260-1

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 250335537
Conc: 433.03 ng/ml



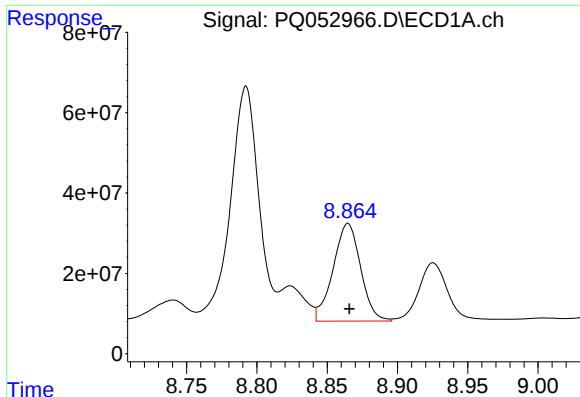
#32 AR-1260-2

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 674992103
Conc: 513.68 ng/ml



#32 AR-1260-2

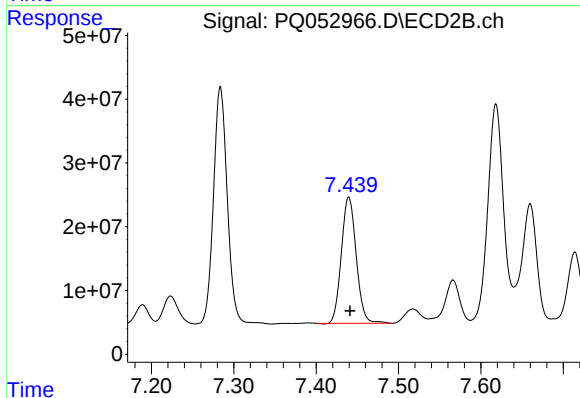
R.T.: 7.284 min
Delta R.T.: -0.001 min
Response: 442949276
Conc: 555.34 ng/ml



#33 AR-1260-3

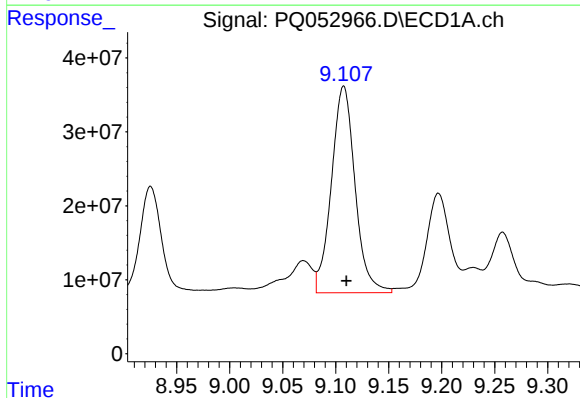
R.T.: 8.865 min
Delta R.T.: -0.001 min
Response: 331655132
Conc: 330.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



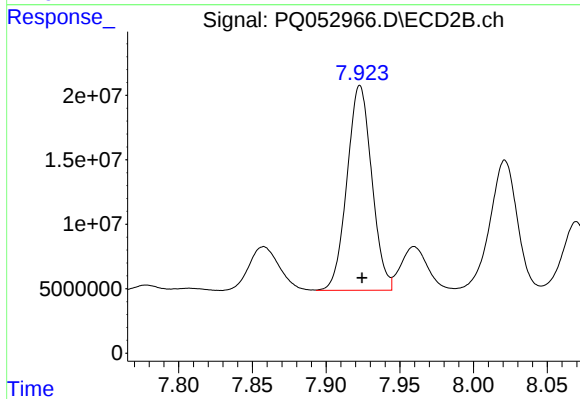
#33 AR-1260-3

R.T.: 7.440 min
Delta R.T.: -0.002 min
Response: 248010979
Conc: 376.28 ng/ml



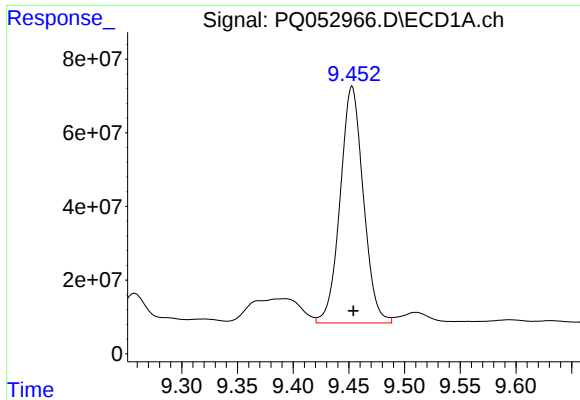
#34 AR-1260-4

R.T.: 9.108 min
Delta R.T.: -0.003 min
Response: 434160666
Conc: 379.91 ng/ml



#34 AR-1260-4

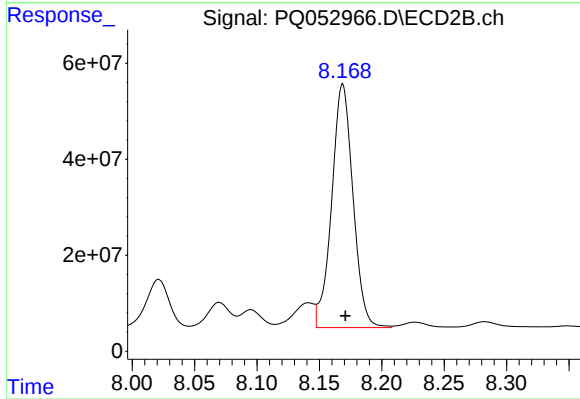
R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 185649050
Conc: 329.22 ng/ml



#35 AR-1260-5

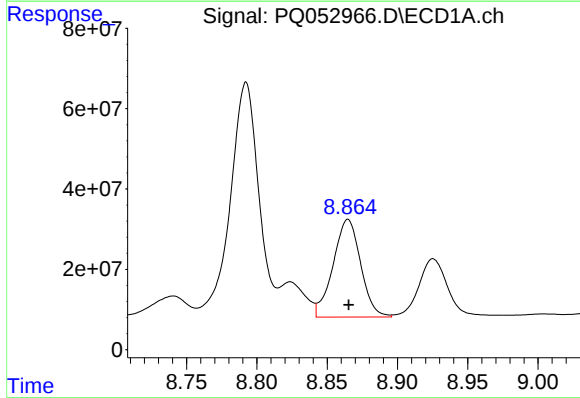
R.T.: 9.453 min
Delta R.T.: -0.001 min
Response: 92960994
Conc: 390.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



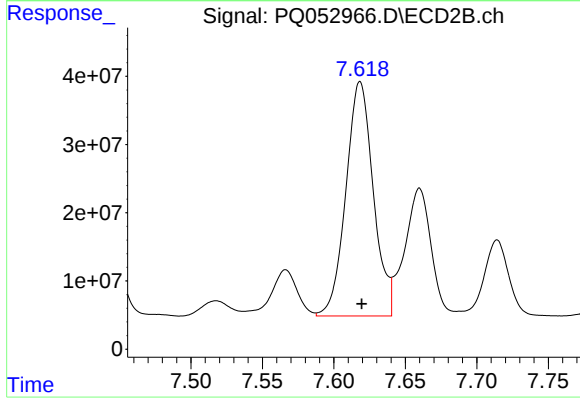
#35 AR-1260-5

R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 602968292
Conc: 394.01 ng/ml



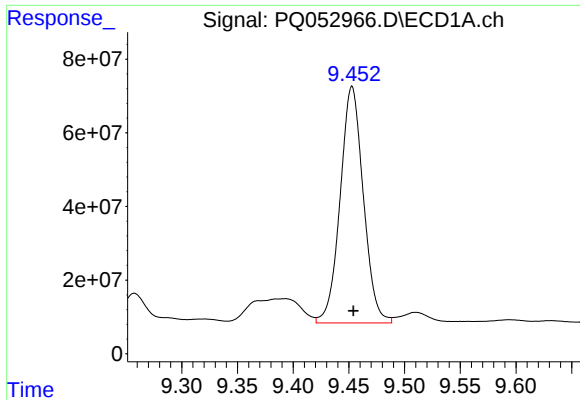
#36 AR-1262-1

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 331655132
Conc: 182.71 ng/ml



#36 AR-1262-1

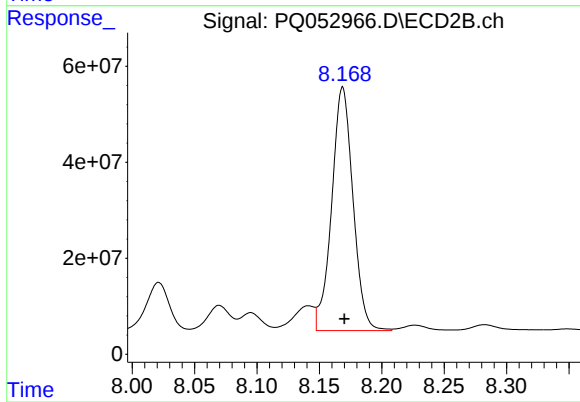
R.T.: 7.618 min
Delta R.T.: -0.001 min
Response: 459276208
Conc: 911.87 ng/ml



#37 AR-1262-2

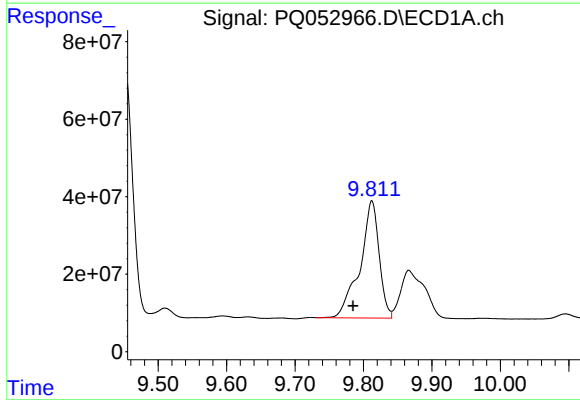
R.T.: 9.453 min
Delta R.T.: -0.001 min
Response: 92960994
Conc: 277.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



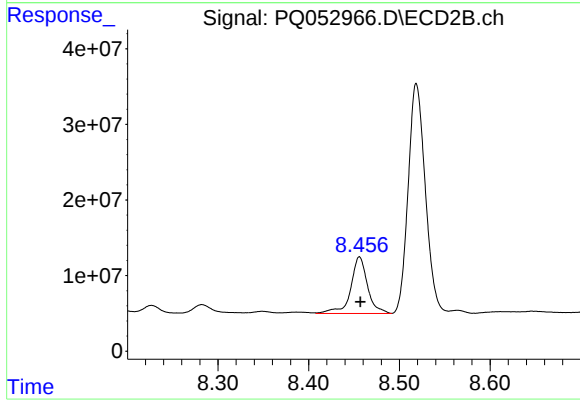
#37 AR-1262-2

R.T.: 8.169 min
Delta R.T.: -0.001 min
Response: 602968292
Conc: 289.85 ng/ml



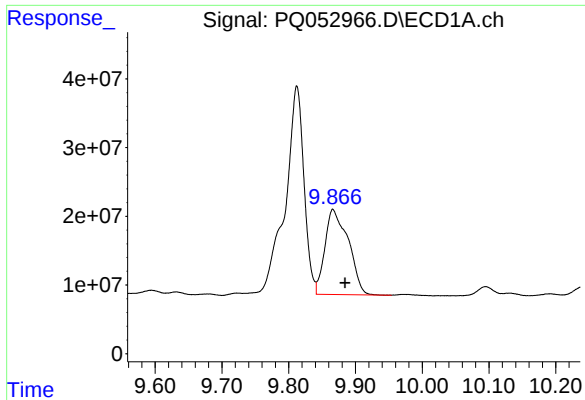
#38 AR-1262-3

R.T.: 9.812 min
Delta R.T.: 0.027 min
Response: 589564986
Conc: 265.70 ng/ml



#38 AR-1262-3

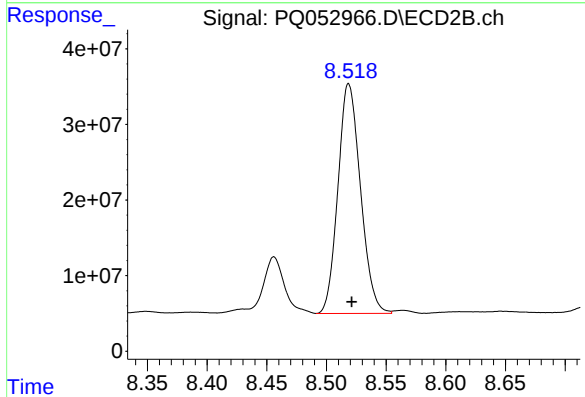
R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 96532130
Conc: 119.42 ng/ml



#39 AR-1262-4

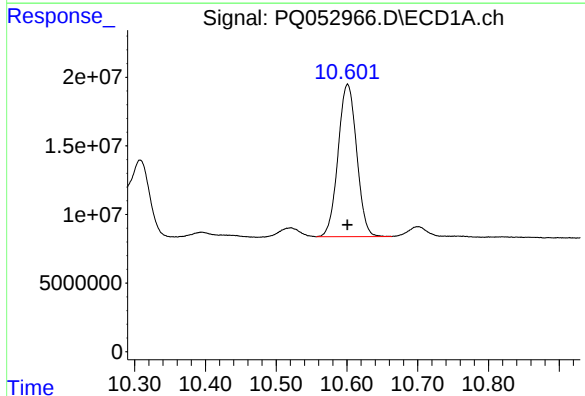
R.T.: 9.866 min
Delta R.T.: -0.018 min
Response: 301953276
Conc: 172.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



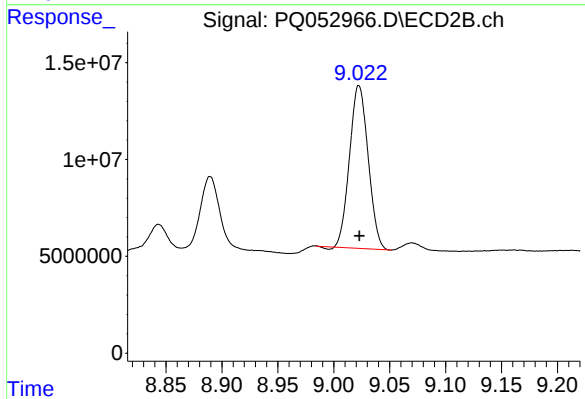
#39 AR-1262-4

R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 399634085
Conc: 286.71 ng/ml



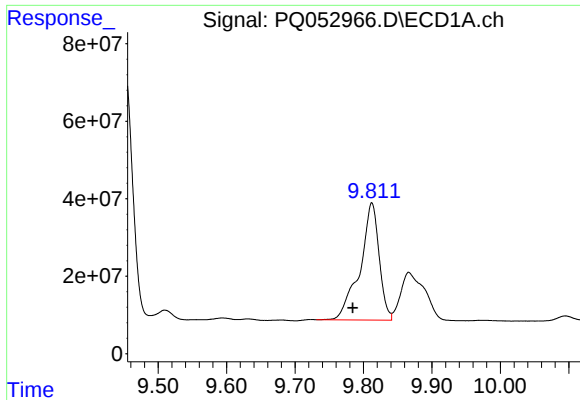
#40 AR-1262-5

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 202602283
Conc: 166.88 ng/ml



#40 AR-1262-5

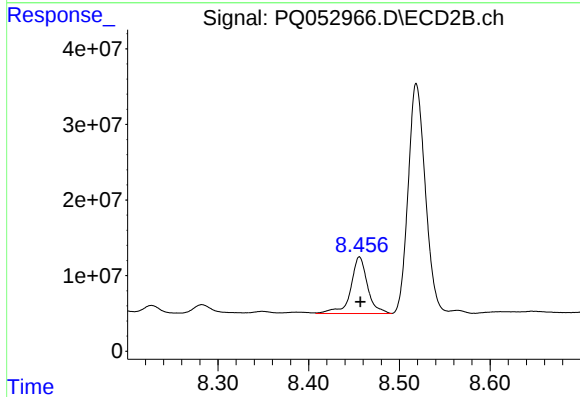
R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 97490288
Conc: 158.93 ng/ml



#41 AR-1268-1

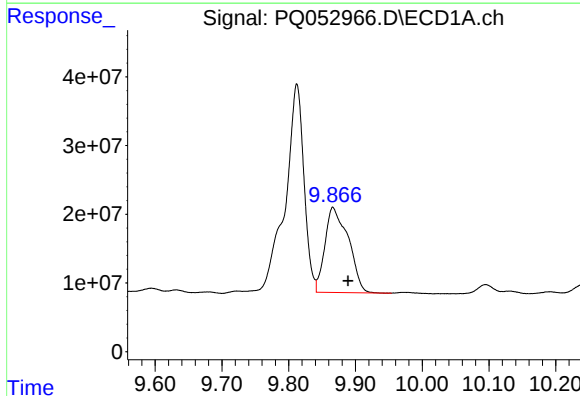
R.T.: 9.812 min
Delta R.T.: 0.028 min
Response: 589564986
Conc: 150.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



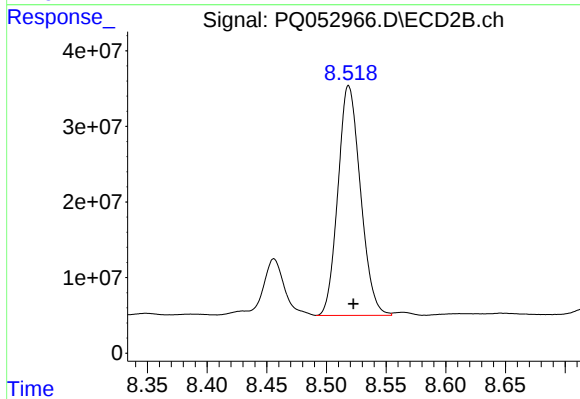
#41 AR-1268-1

R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 96532130
Conc: 40.70 ng/ml



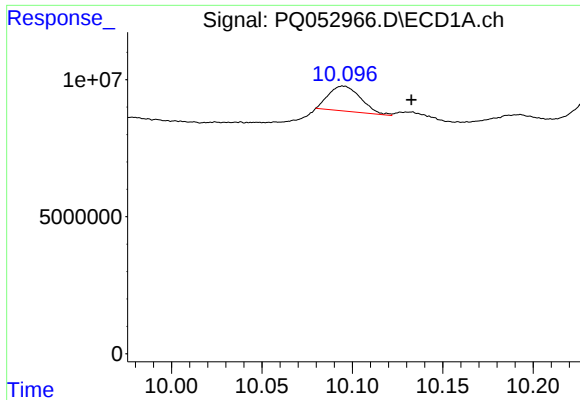
#42 AR-1268-2

R.T.: 9.866 min
Delta R.T.: -0.022 min
Response: 301953276
Conc: 81.47 ng/ml



#42 AR-1268-2

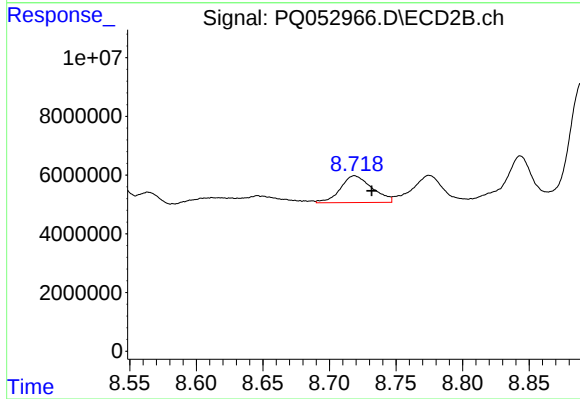
R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 399634085
Conc: 196.58 ng/ml



#43 AR-1268-3

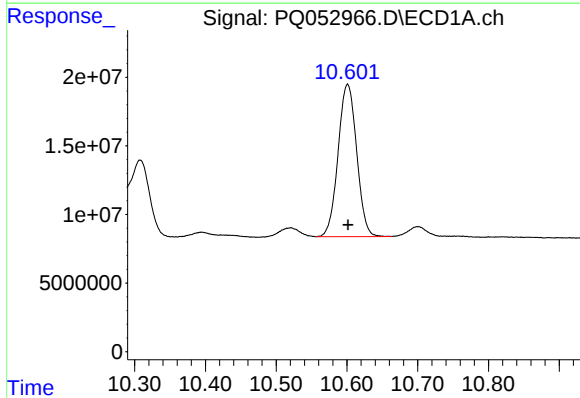
R.T.: 10.095 min
Delta R.T.: -0.038 min
Response: 11231112
Conc: 3.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



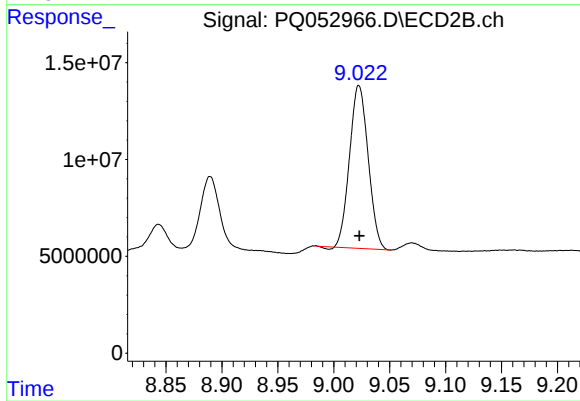
#43 AR-1268-3

R.T.: 8.719 min
Delta R.T.: -0.013 min
Response: 15192498
Conc: 8.54 ng/ml



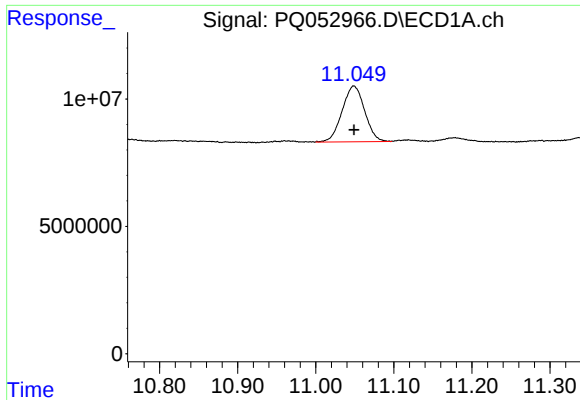
#44 AR-1268-4

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 202602283
Conc: 157.10 ng/ml



#44 AR-1268-4

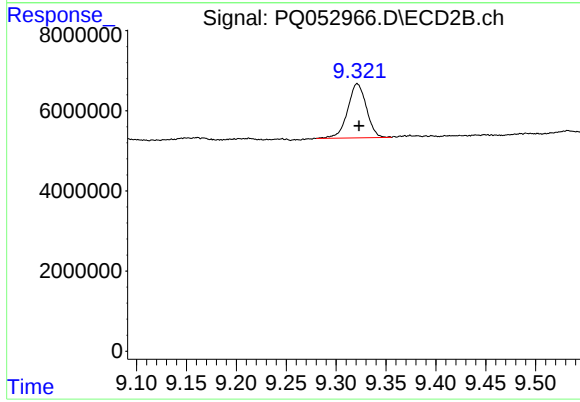
R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 97490288
Conc: 147.14 ng/ml



#45 AR-1268-5

R.T.: 11.049 min
Delta R.T.: 0.000 min
Response: 43965411
Conc: 4.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.321 min
Delta R.T.: -0.002 min
Response: 17700730
Conc: 3.67 ng/ml