

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021921\
 Data File : PQ052408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2021 22:06
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 05:11:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 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...	5.228	4.245	542.4E6	182.2E6	22.087	21.715
2)	SA Decachlor...	11.419	9.590	800.0E6	310.8E6	39.031	40.296
Target Compounds							
3)	L1 AR-1016-1	6.552	5.505	257.8E6	98257836	320.896	318.994
4)	L1 AR-1016-2	6.576	5.525	381.7E6	139.6E6	323.285	325.576
5)	L1 AR-1016-3	6.643	5.718	228.7E6	71936929	320.461	328.397
6)	L1 AR-1016-4	6.752	5.768	188.7E6	52555994	313.450	313.837
7)	L1 AR-1016-5	7.065	5.998	181.4E6	65546070	322.460	306.928
8)	L2 AR-1221-1	5.473	4.501	27820944	8627185	109.085	95.448
9)	L2 AR-1221-2	5.578	4.603	33392930	12505524	189.848	197.633
10)	L2 AR-1221-3	5.665	4.691	139.1E6	49270014	236.187	228.488
11)	L3 AR-1232-1	5.665	4.691	139.1E6	49270014	282.994	272.459
12)	L3 AR-1232-2	6.257	5.525	182.5E6	139.6E6	709.187	707.058
13)	L3 AR-1232-3	6.576	5.718	381.7E6	71936929	725.488	731.302
14)	L3 AR-1232-4	6.752	5.813	188.7E6	66819061	719.830	807.274
15)	L3 AR-1232-5	6.846	5.998	147.7E6	65546070	799.662	736.734
16)	L4 AR-1242-1	6.552	5.505	257.8E6	98257836	375.177	372.996
17)	L4 AR-1242-2	6.576	5.525	381.7E6	139.6E6	378.031	379.937
18)	L4 AR-1242-3	6.643	5.718	228.7E6	71936929	376.632	377.331
19)	L4 AR-1242-4	6.752	5.813	188.7E6	66819061	371.090	378.342
20)	L4 AR-1242-5	7.533	6.377	209.7E6	92974933	371.765	370.841
21)	L5 AR-1248-1	6.552	5.505	257.8E6	98257836	470.769	477.819
22)	L5 AR-1248-2	6.846	5.768	147.7E6	52555994	192.199	194.448
23)	L5 AR-1248-3	7.065	5.813	181.4E6	66819061	205.490	239.626
24)	L5 AR-1248-4	7.492	5.998	192.4E6	65546070	185.039	196.984
25)	L5 AR-1248-5	7.533	6.421	209.7E6	77875250	204.744	217.803
26)	L6 AR-1254-1	7.463	6.377	150.5E6	92974933	151.519	174.342
27)	L6 AR-1254-2	7.699	6.536	173.7E6	19925072	112.356	43.636 #
28)	L6 AR-1254-3	8.075	6.958	84527172	35092386	50.012	46.665
29)	L6 AR-1254-4	8.369	7.196	63344654	27525920	50.502	54.557
30)	L6 AR-1254-5	8.798	7.626	21657172	7788696	16.116	11.451 #
31)	L7 AR-1260-1	8.240	7.106	16637400	15221529	16.648	37.164 #
32)	L7 AR-1260-2	8.499	7.289	29915455	6359815	24.356	11.978 #
33)	L7 AR-1260-3	8.864	7.446	6192832	5589693	6.772	11.696 #
34)	L7 AR-1260-4	9.108	7.929	11472929	989328	10.649	2.443 #
35)	L7 AR-1260-5	9.456	8.175	5034962	1978965	2.219	1.838
36)	L8 AR-1262-1	8.864	7.626	6192832	7788696	3.933	22.555 #
37)	L8 AR-1262-2	9.456	8.175	5034962	1978965	1.681	1.476
38)	L8 AR-1262-3	9.819	8.526f	4453565	2235245	2.237	4.275 #
39)	L8 AR-1262-4	9.871	8.526	3065501	2235245	2.015	2.288
40)	L8 AR-1262-5	10.603	9.029	736661	1047938	0.677	2.312 #
41)	L9 AR-1268-1	9.819	8.526f	4453565	2235245	1.267	1.388

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 Acq On : 19 Feb 2021 22:06
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

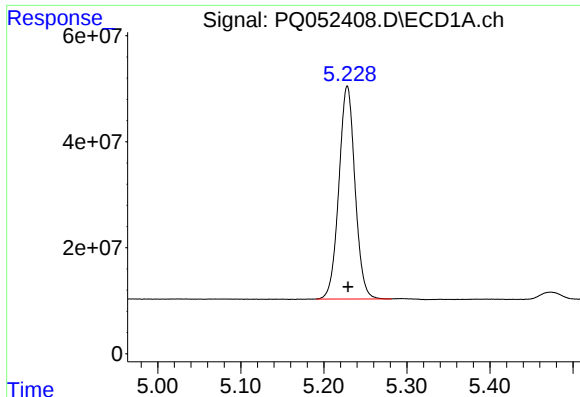
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 05:11:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.871	8.526	3065501	2235245	0.933	1.499 #
43) L9	AR-1268-3	10.134	8.737	2631477	1796012	0.946	1.432 #
44) L9	AR-1268-4	10.603	9.029	736661	1047938	0.604	2.005 #
45) L9	AR-1268-5	11.057	9.328	7649721	2061182	0.783	0.513 #

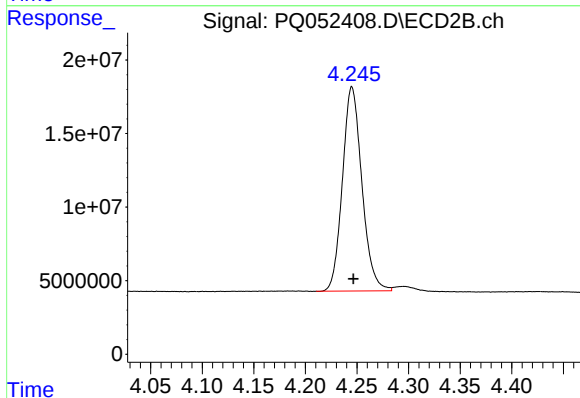
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

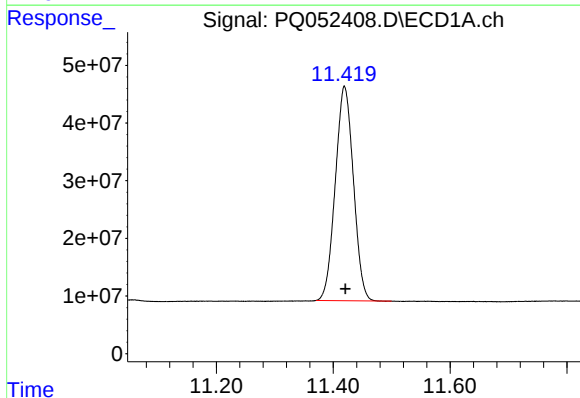
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 542418896
Conc: 22.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



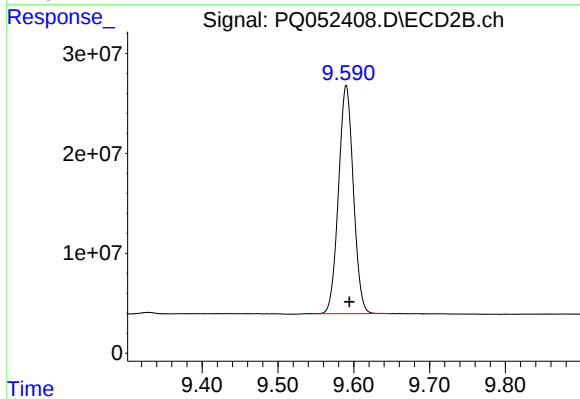
#1 Tetrachloro-m-xylene

R.T.: 4.245 min
Delta R.T.: -0.002 min
Response: 182153234
Conc: 21.71 ng/ml



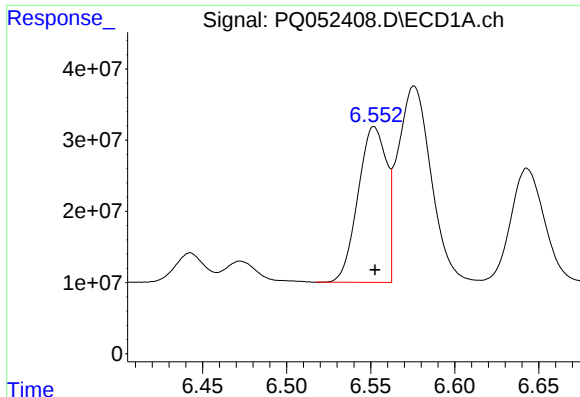
#2 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: -0.002 min
Response: 799951012
Conc: 39.03 ng/ml



#2 Decachlorobiphenyl

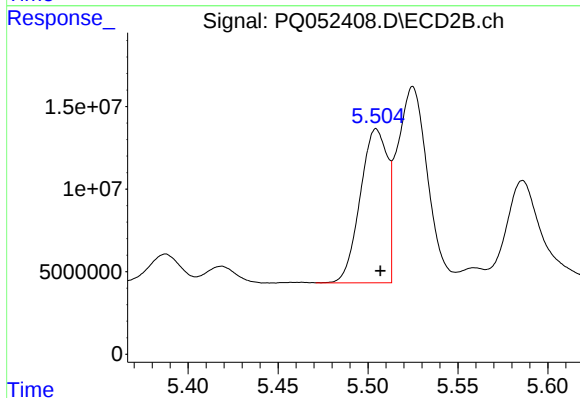
R.T.: 9.590 min
Delta R.T.: -0.004 min
Response: 310797468
Conc: 40.30 ng/ml



#3 AR-1016-1

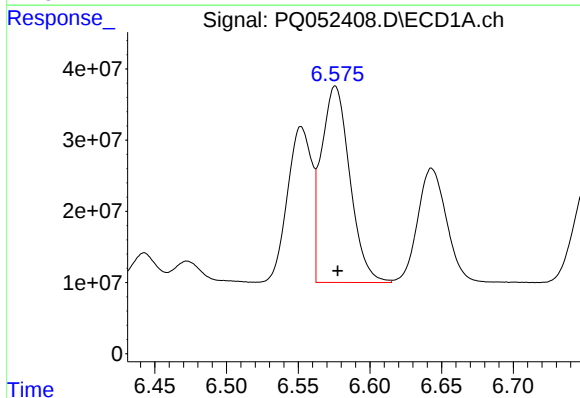
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 257836271
Conc: 320.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



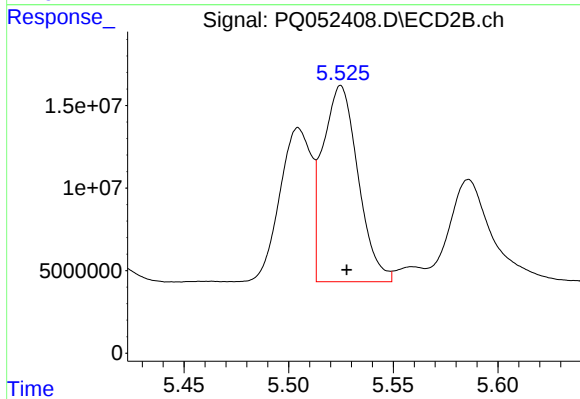
#3 AR-1016-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 98257836
Conc: 318.99 ng/ml



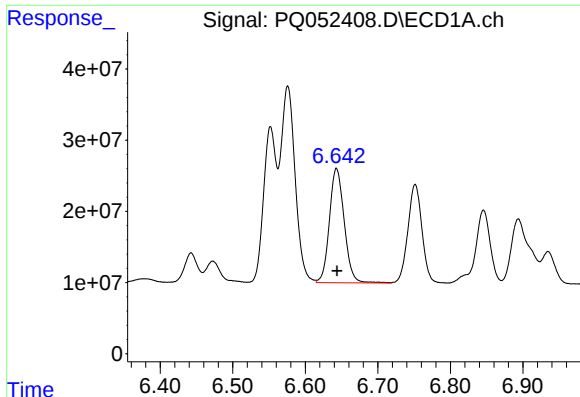
#4 AR-1016-2

R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 381661285
Conc: 323.28 ng/ml



#4 AR-1016-2

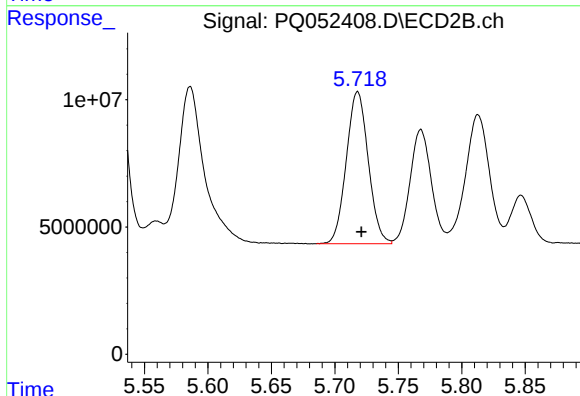
R.T.: 5.525 min
Delta R.T.: -0.003 min
Response: 139596106
Conc: 325.58 ng/ml



#5 AR-1016-3

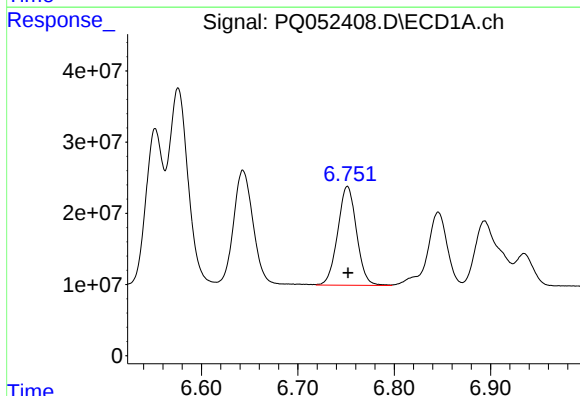
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 228719644
Conc: 320.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



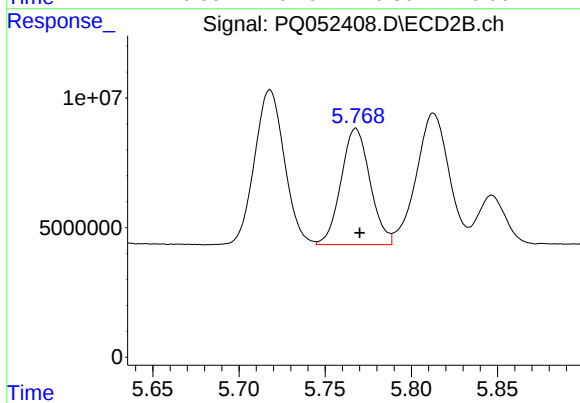
#5 AR-1016-3

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 71936929
Conc: 328.40 ng/ml



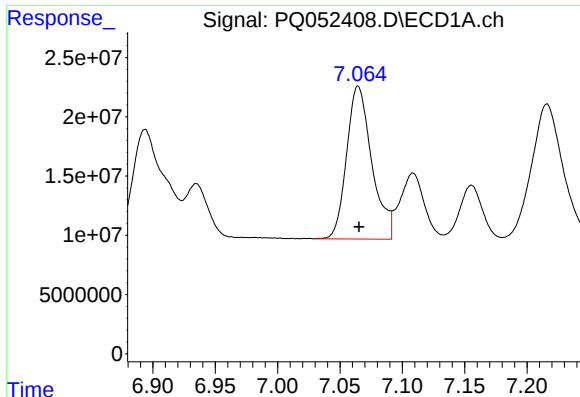
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 188700178
Conc: 313.45 ng/ml



#6 AR-1016-4

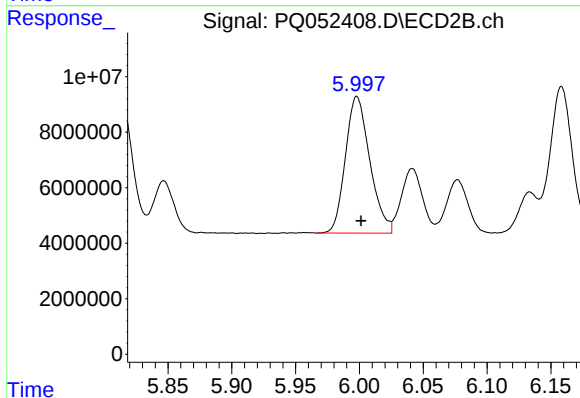
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 52555994
Conc: 313.84 ng/ml



#7 AR-1016-5

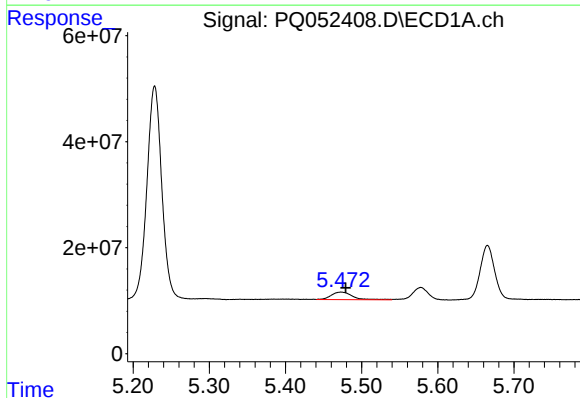
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 181431372
Conc: 322.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



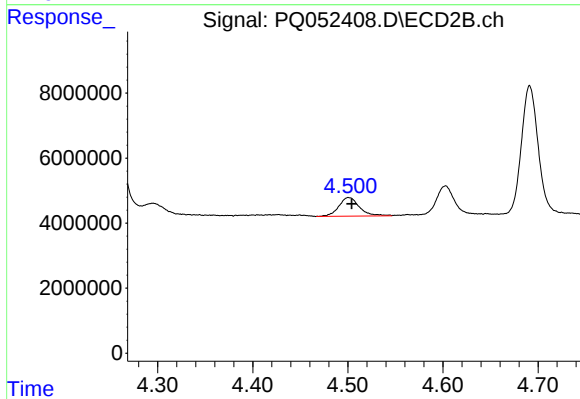
#7 AR-1016-5

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 65546070
Conc: 306.93 ng/ml



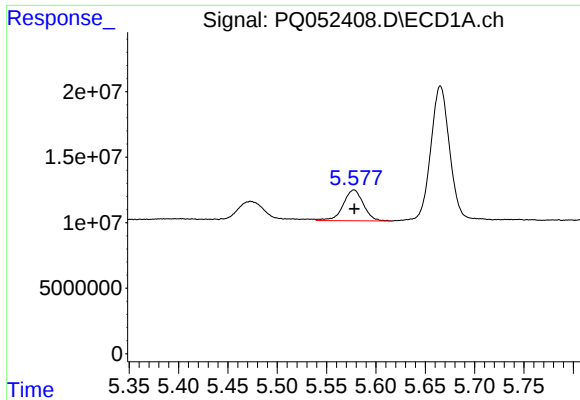
#8 AR-1221-1

R.T.: 5.473 min
Delta R.T.: -0.006 min
Response: 27820944
Conc: 109.09 ng/ml



#8 AR-1221-1

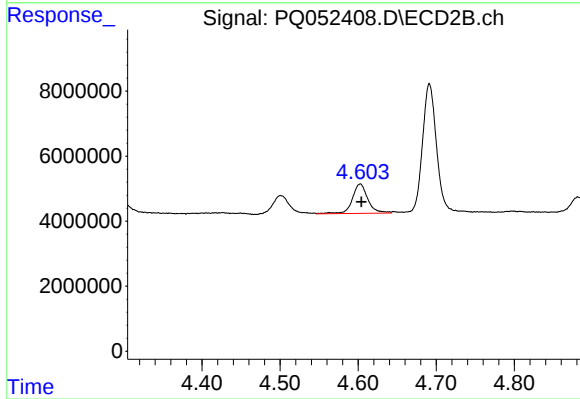
R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: 8627185
Conc: 95.45 ng/ml



#9 AR-1221-2

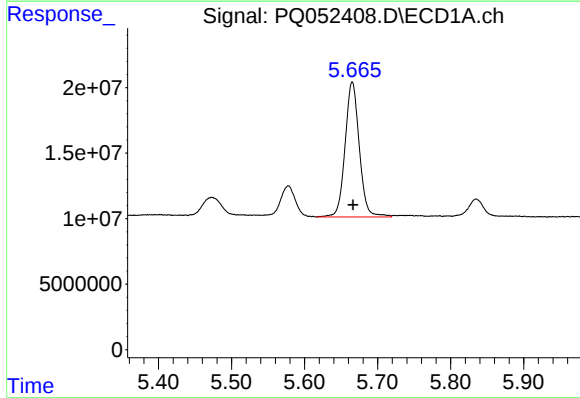
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 33392930
Conc: 189.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



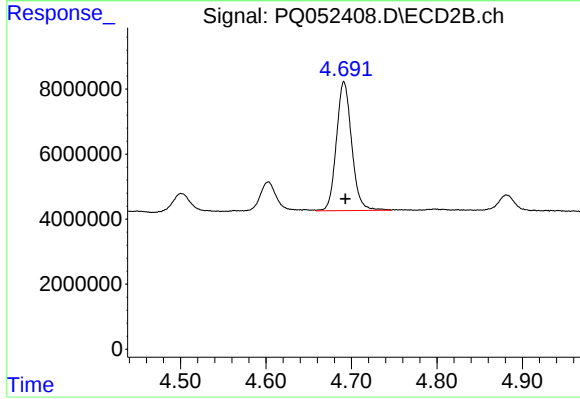
#9 AR-1221-2

R.T.: 4.603 min
Delta R.T.: -0.002 min
Response: 12505524
Conc: 197.63 ng/ml



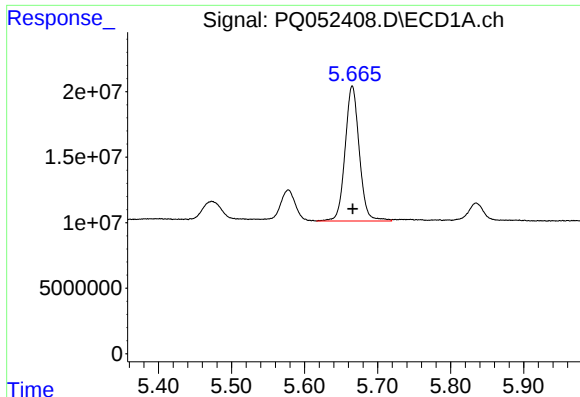
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 139066205
Conc: 236.19 ng/ml



#10 AR-1221-3

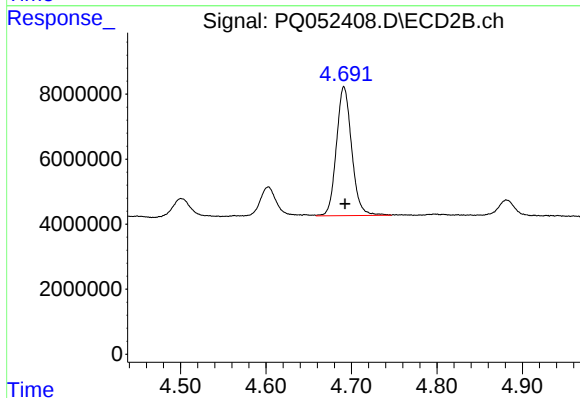
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 49270014
Conc: 228.49 ng/ml



#11 AR-1232-1

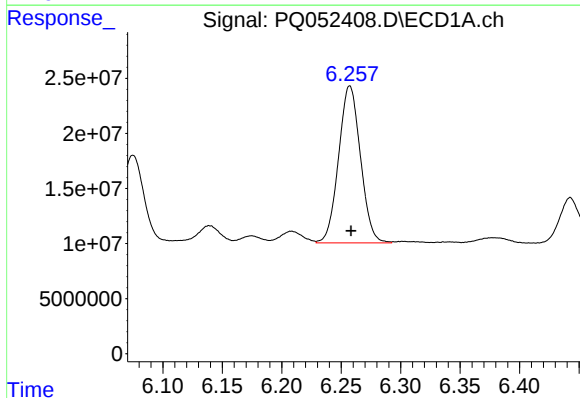
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 139066205
Conc: 282.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



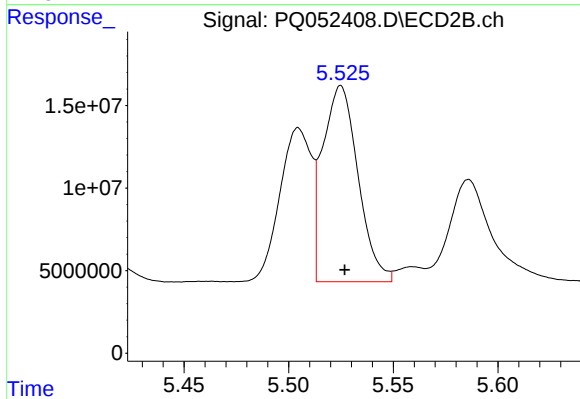
#11 AR-1232-1

R.T.: 4.691 min
Delta R.T.: -0.001 min
Response: 49270014
Conc: 272.46 ng/ml



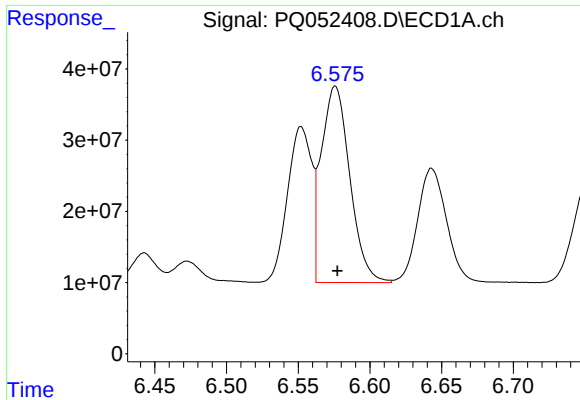
#12 AR-1232-2

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 182524114
Conc: 709.19 ng/ml



#12 AR-1232-2

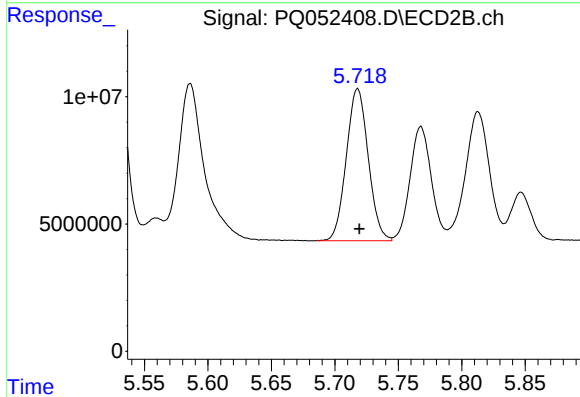
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 139596106
Conc: 707.06 ng/ml



#13 AR-1232-3

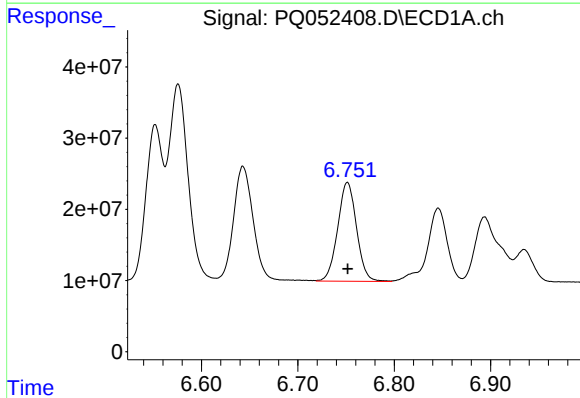
R.T.: 6.576 min
Delta R.T.: -0.002 min
Response: 381661285
Conc: 725.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



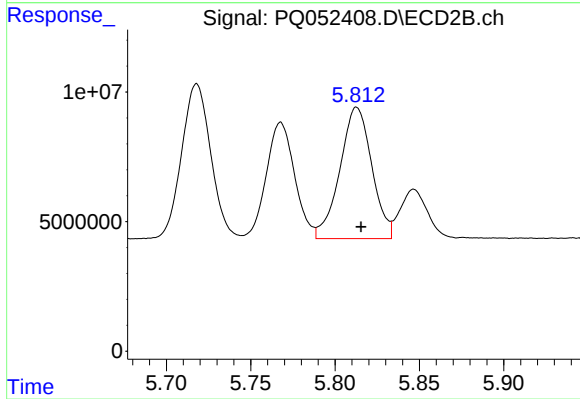
#13 AR-1232-3

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 71936929
Conc: 731.30 ng/ml



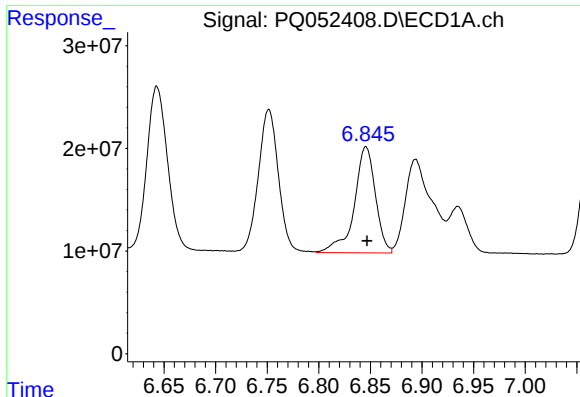
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 188700178
Conc: 719.83 ng/ml



#14 AR-1232-4

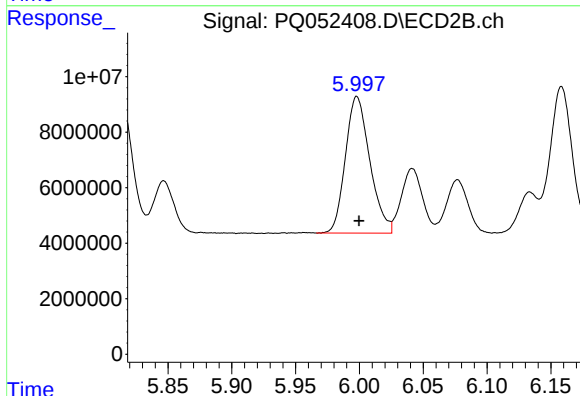
R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 66819061
Conc: 807.27 ng/ml



#15 AR-1232-5

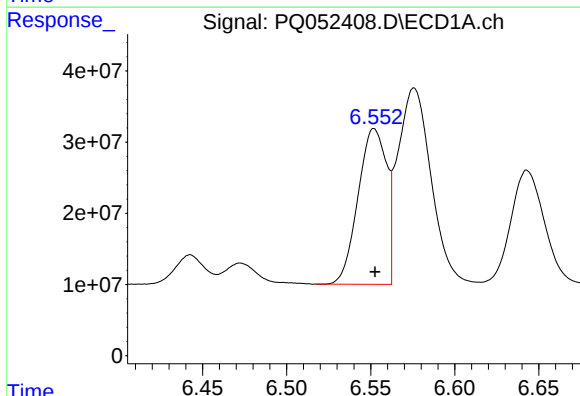
R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 147730406
Conc: 799.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



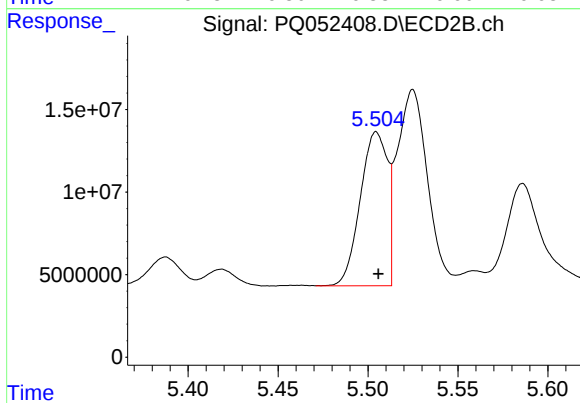
#15 AR-1232-5

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 65546070
Conc: 736.73 ng/ml



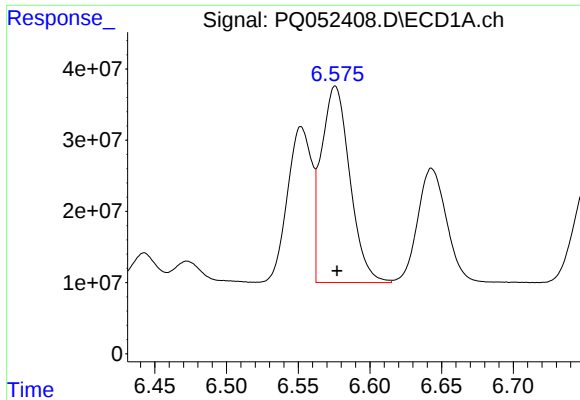
#16 AR-1242-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 257836271
Conc: 375.18 ng/ml



#16 AR-1242-1

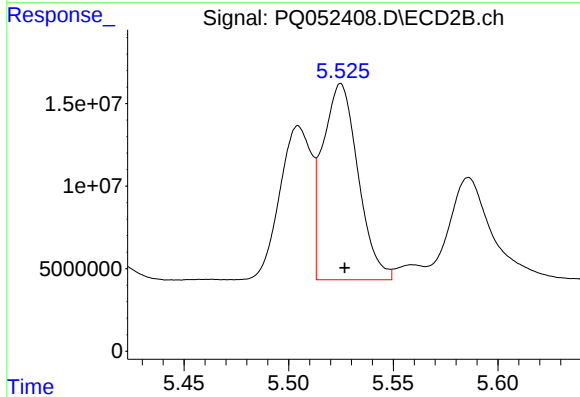
R.T.: 5.505 min
Delta R.T.: -0.001 min
Response: 98257836
Conc: 373.00 ng/ml



#17 AR-1242-2

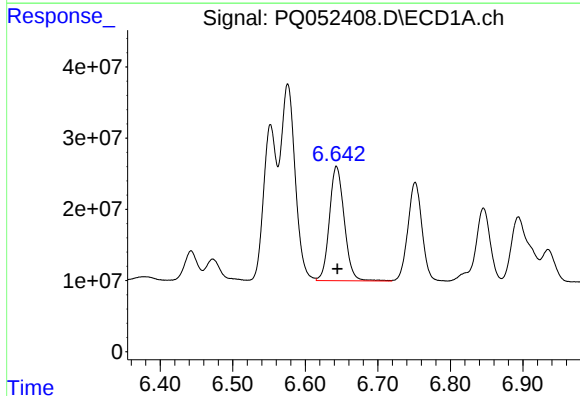
R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 381661285
Conc: 378.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



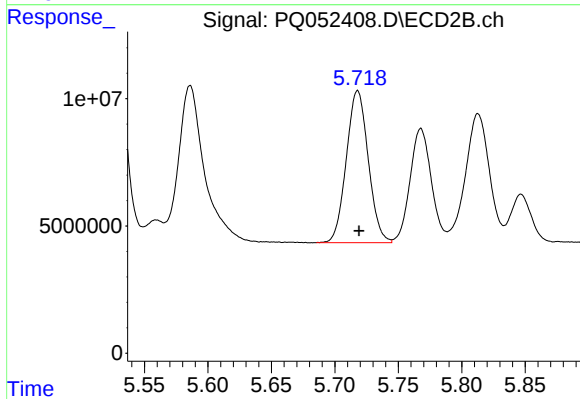
#17 AR-1242-2

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 139596106
Conc: 379.94 ng/ml



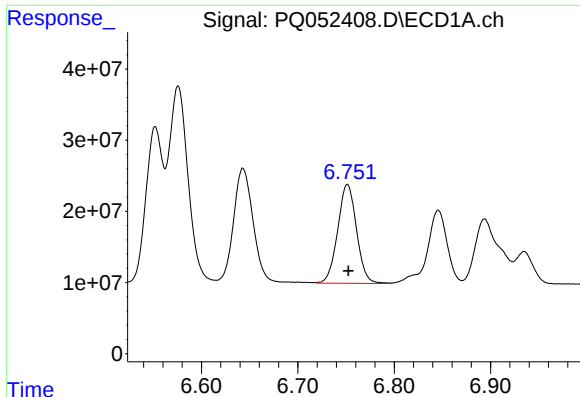
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: -0.001 min
Response: 228719644
Conc: 376.63 ng/ml



#18 AR-1242-3

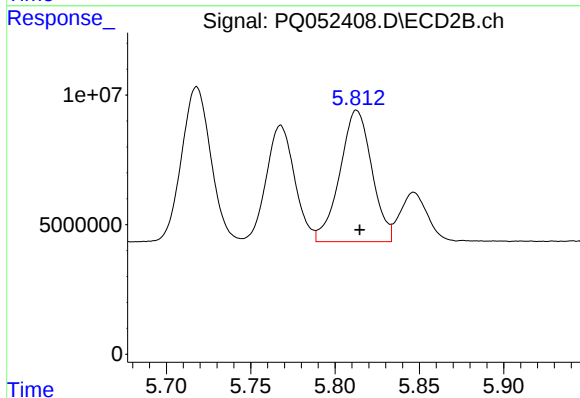
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 71936929
Conc: 377.33 ng/ml



#19 AR-1242-4

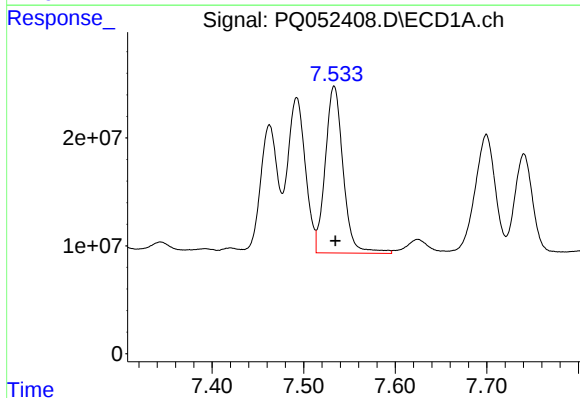
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 188700178
Conc: 371.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



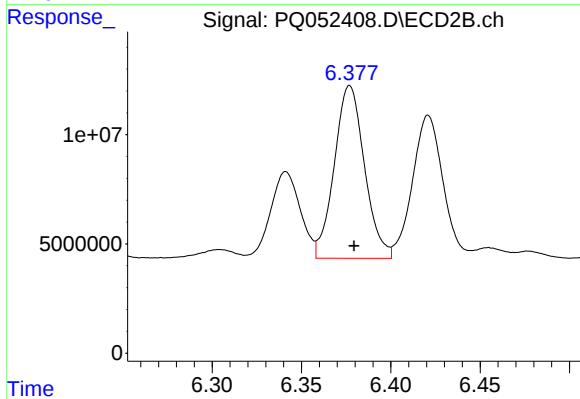
#19 AR-1242-4

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 66819061
Conc: 378.34 ng/ml



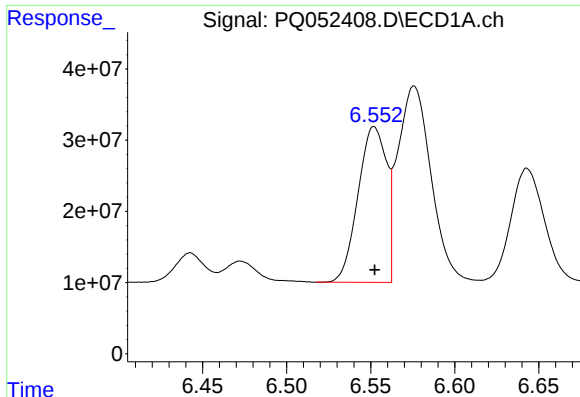
#20 AR-1242-5

R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 209735922
Conc: 371.76 ng/ml



#20 AR-1242-5

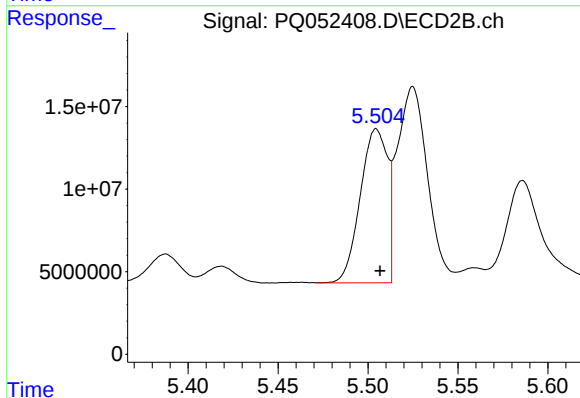
R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 92974933
Conc: 370.84 ng/ml



#21 AR-1248-1

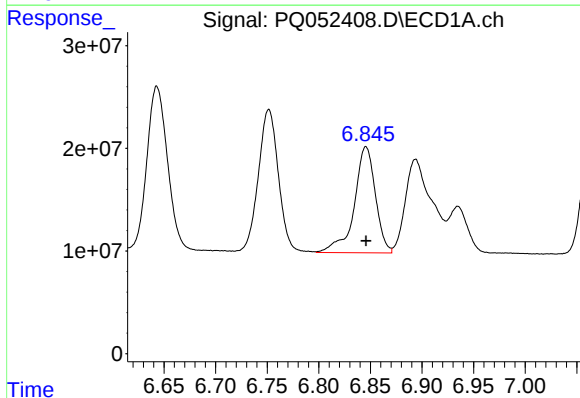
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 257836271
Conc: 470.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



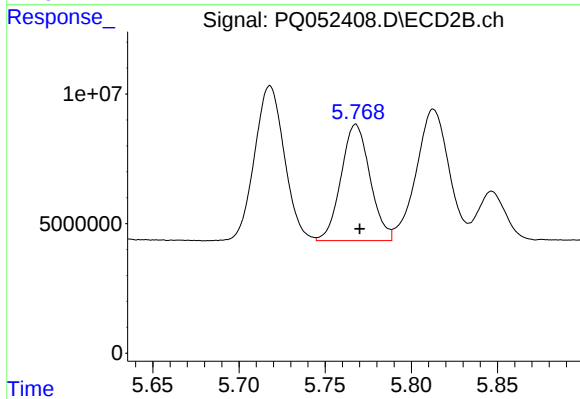
#21 AR-1248-1

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 98257836
Conc: 477.82 ng/ml



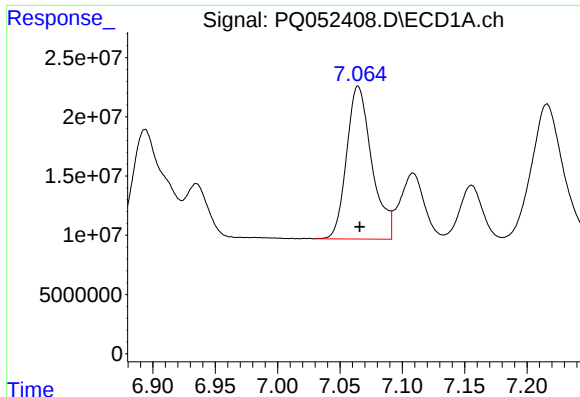
#22 AR-1248-2

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 147730406
Conc: 192.20 ng/ml



#22 AR-1248-2

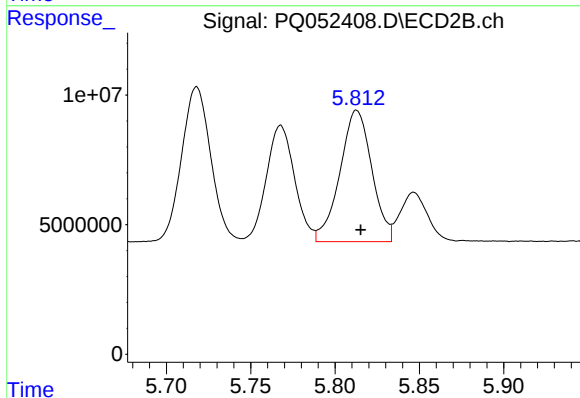
R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 52555994
Conc: 194.45 ng/ml



#23 AR-1248-3

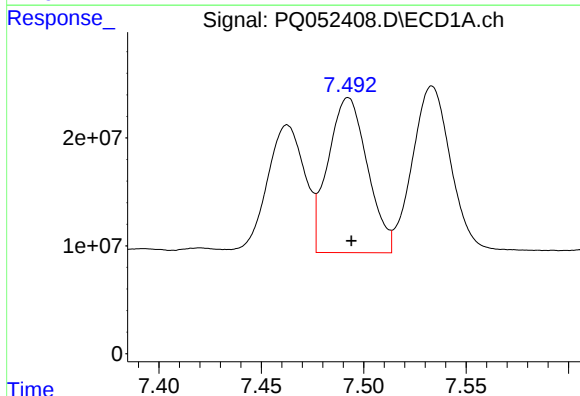
R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 181431372
Conc: 205.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



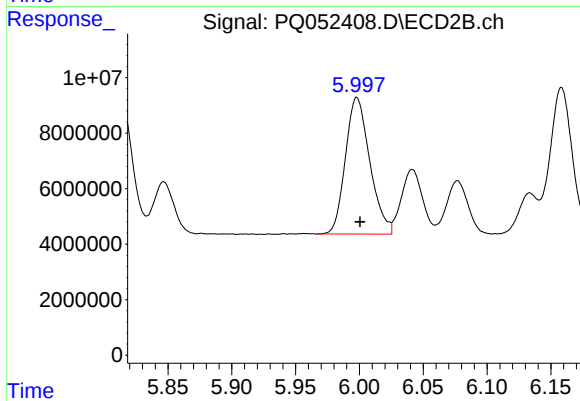
#23 AR-1248-3

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 66819061
Conc: 239.63 ng/ml



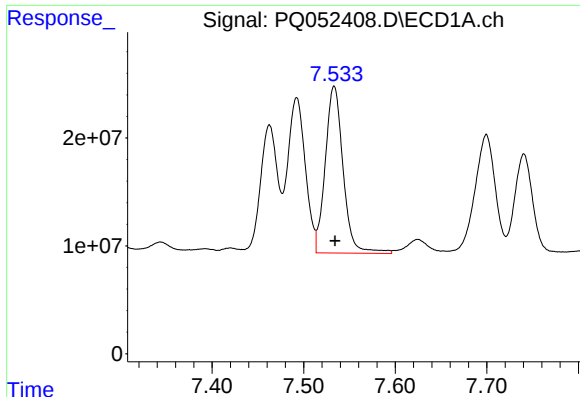
#24 AR-1248-4

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 192381868
Conc: 185.04 ng/ml



#24 AR-1248-4

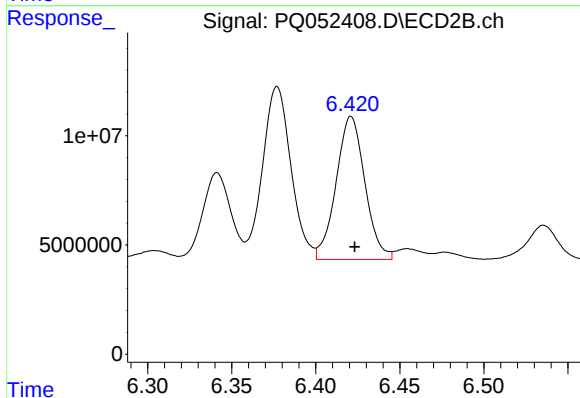
R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 65546070
Conc: 196.98 ng/ml



#25 AR-1248-5

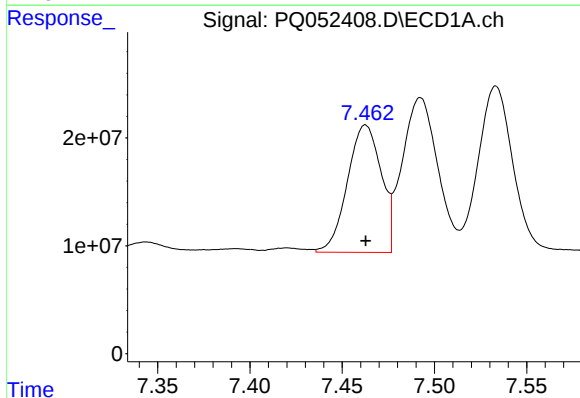
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 209735922
Conc: 204.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



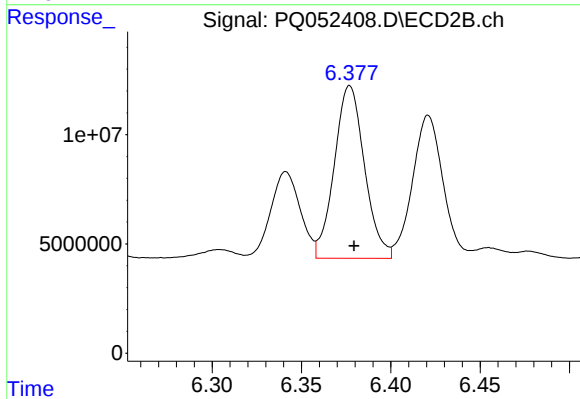
#25 AR-1248-5

R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 77875250
Conc: 217.80 ng/ml



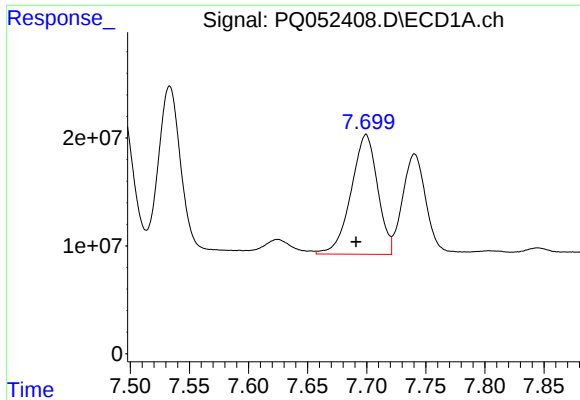
#26 AR-1254-1

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 150520351
Conc: 151.52 ng/ml



#26 AR-1254-1

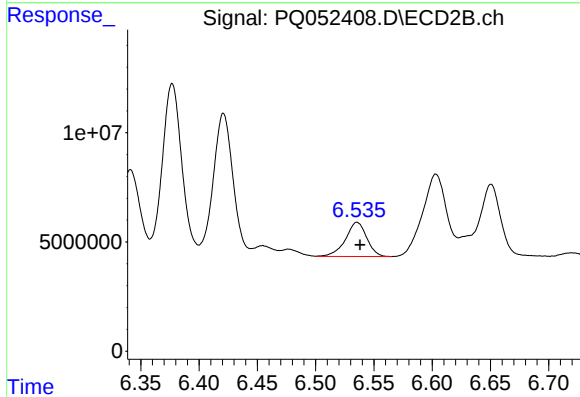
R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 92974933
Conc: 174.34 ng/ml



#27 AR-1254-2

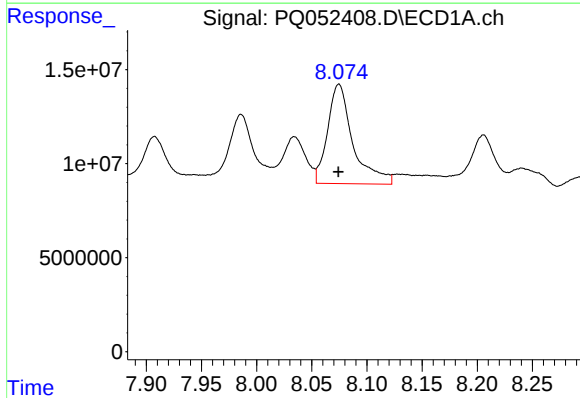
R.T.: 7.699 min
Delta R.T.: 0.009 min
Response: 173659983
Conc: 112.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



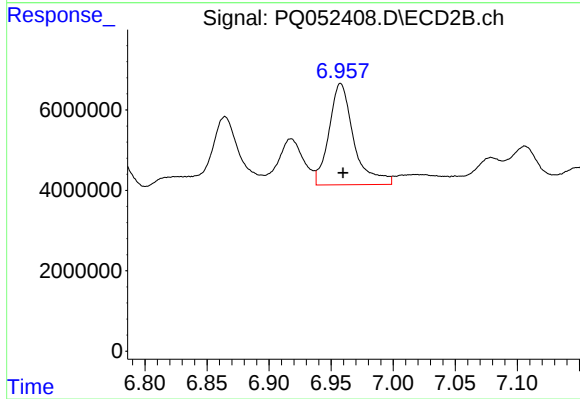
#27 AR-1254-2

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 19925072
Conc: 43.64 ng/ml



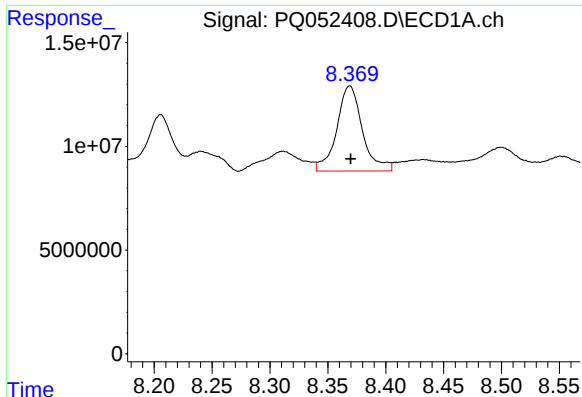
#28 AR-1254-3

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 84527172
Conc: 50.01 ng/ml



#28 AR-1254-3

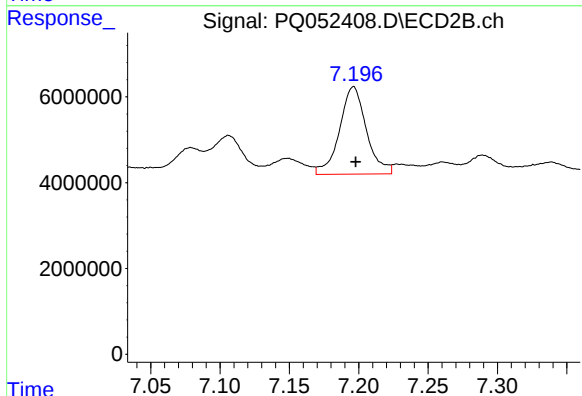
R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 35092386
Conc: 46.66 ng/ml



#29 AR-1254-4

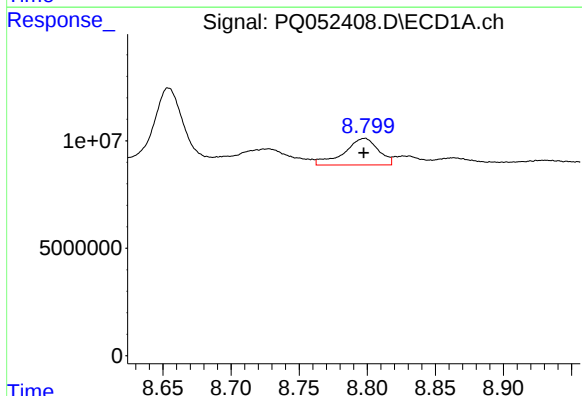
R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 63344654
Conc: 50.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



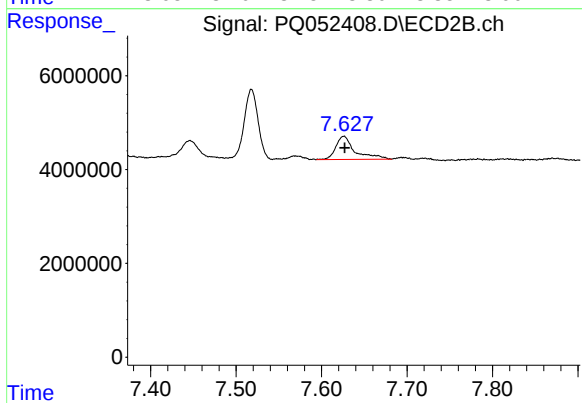
#29 AR-1254-4

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 27525920
Conc: 54.56 ng/ml



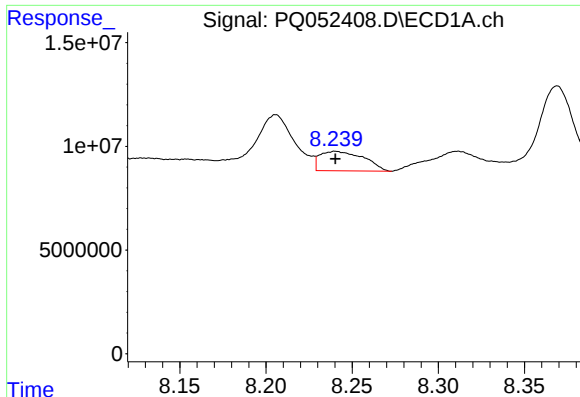
#30 AR-1254-5

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 21657172
Conc: 16.12 ng/ml



#30 AR-1254-5

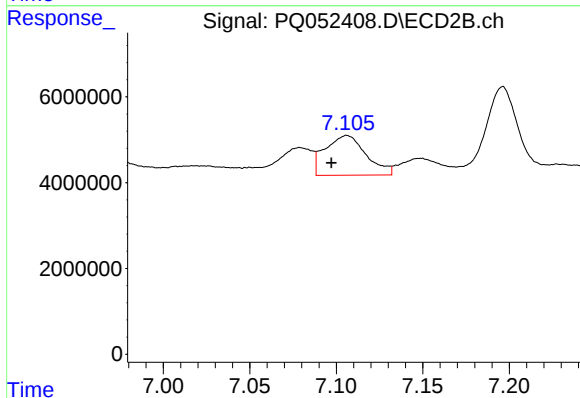
R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 7788696
Conc: 11.45 ng/ml



#31 AR-1260-1

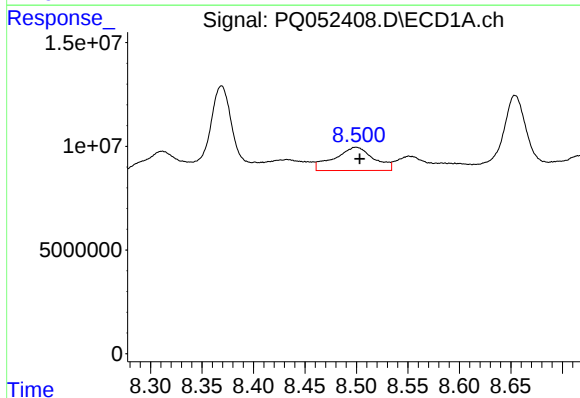
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16637400
Conc: 16.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



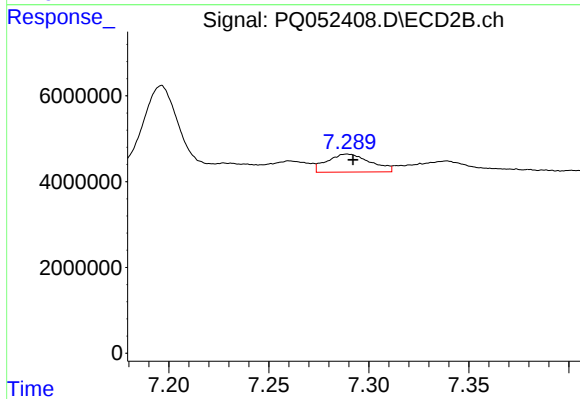
#31 AR-1260-1

R.T.: 7.106 min
Delta R.T.: 0.009 min
Response: 15221529
Conc: 37.16 ng/ml



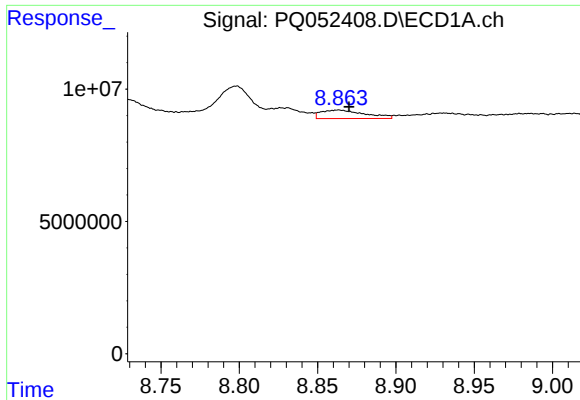
#32 AR-1260-2

R.T.: 8.499 min
Delta R.T.: -0.004 min
Response: 29915455
Conc: 24.36 ng/ml



#32 AR-1260-2

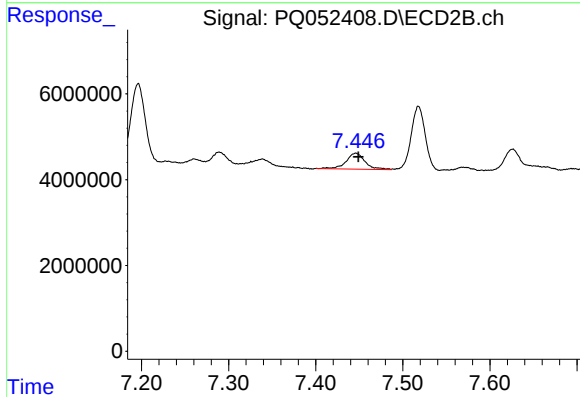
R.T.: 7.289 min
Delta R.T.: -0.003 min
Response: 6359815
Conc: 11.98 ng/ml



#33 AR-1260-3

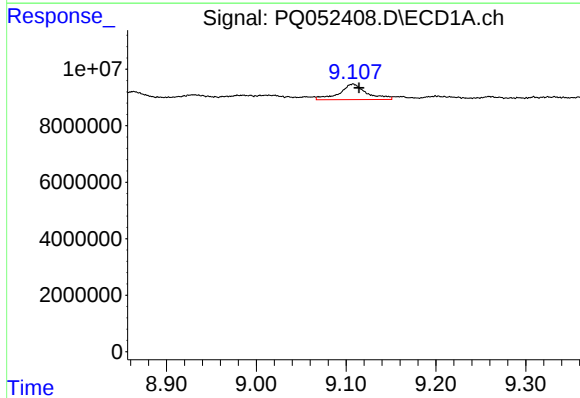
R.T.: 8.864 min
Delta R.T.: -0.006 min
Response: 6192832
Conc: 6.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



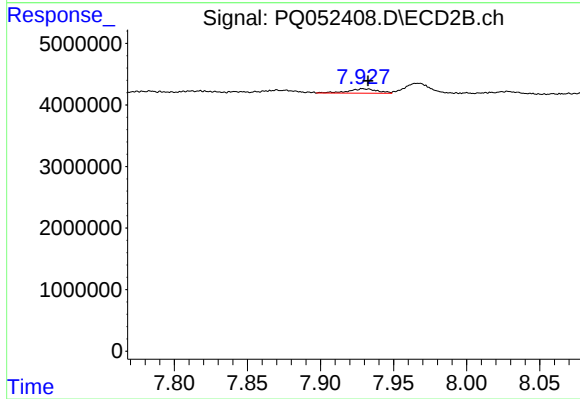
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.003 min
Response: 5589693
Conc: 11.70 ng/ml



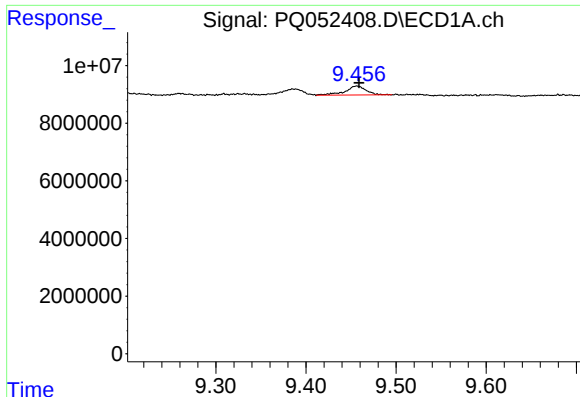
#34 AR-1260-4

R.T.: 9.108 min
Delta R.T.: -0.007 min
Response: 11472929
Conc: 10.65 ng/ml



#34 AR-1260-4

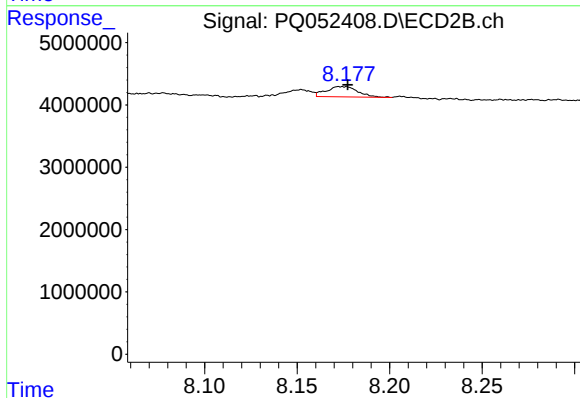
R.T.: 7.929 min
Delta R.T.: -0.003 min
Response: 989328
Conc: 2.44 ng/ml



#35 AR-1260-5

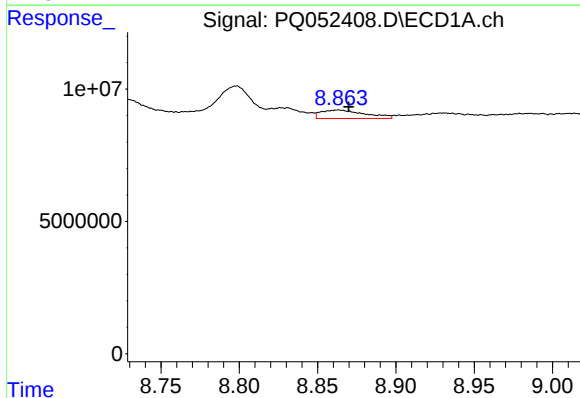
R.T.: 9.456 min
Delta R.T.: -0.003 min
Response: 5034962
Conc: 2.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



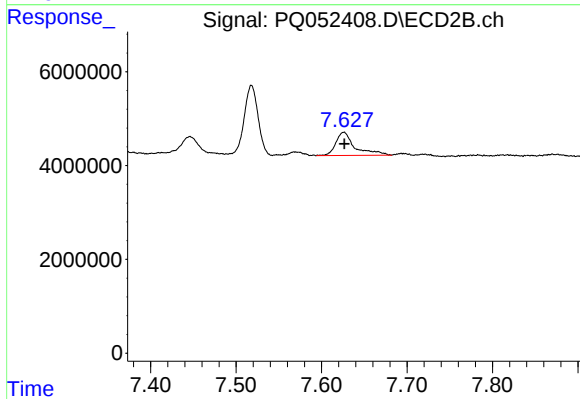
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 1978965
Conc: 1.84 ng/ml



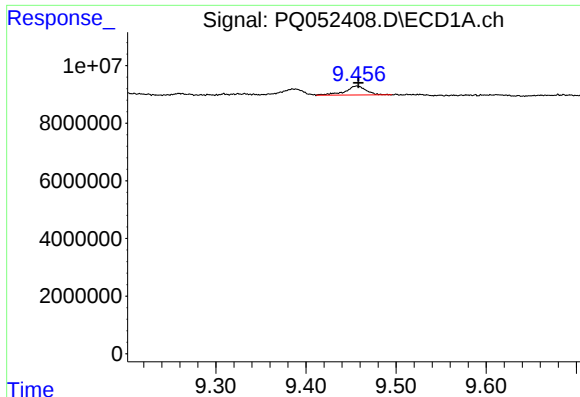
#36 AR-1262-1

R.T.: 8.864 min
Delta R.T.: -0.006 min
Response: 6192832
Conc: 3.93 ng/ml



#36 AR-1262-1

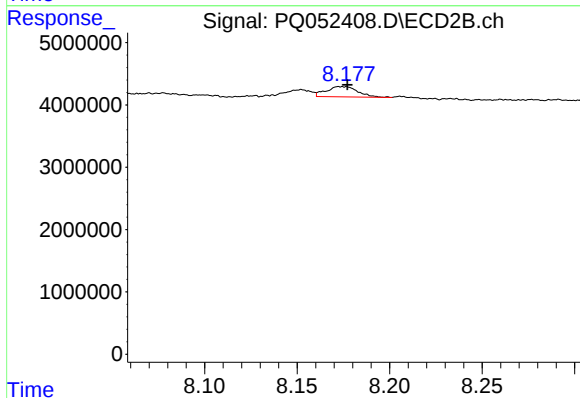
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 7788696
Conc: 22.56 ng/ml



#37 AR-1262-2

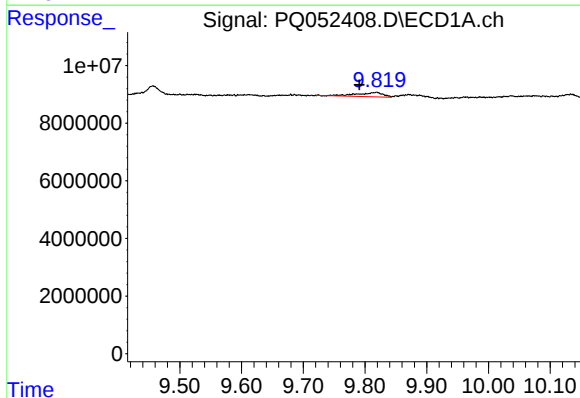
R.T.: 9.456 min
Delta R.T.: -0.002 min
Response: 5034962
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



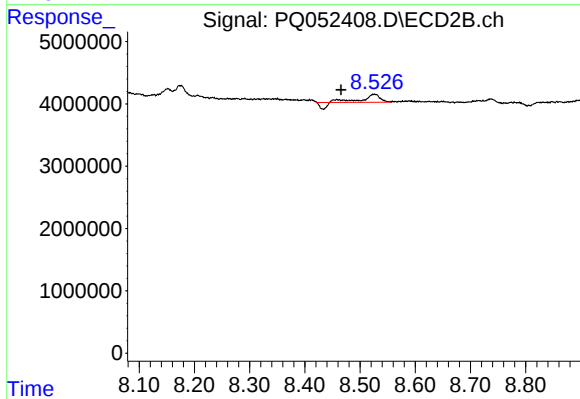
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 1978965
Conc: 1.48 ng/ml



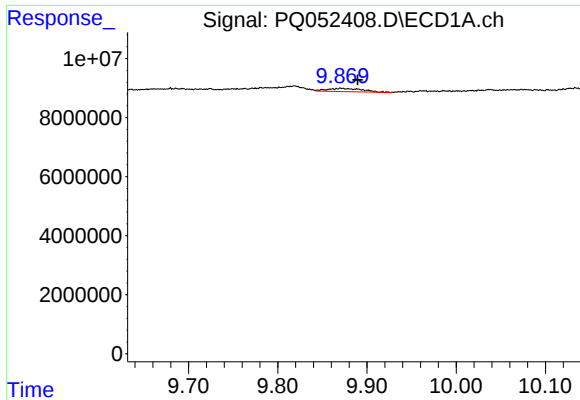
#38 AR-1262-3

R.T.: 9.819 min
Delta R.T.: 0.028 min
Response: 4453565
Conc: 2.24 ng/ml



#38 AR-1262-3

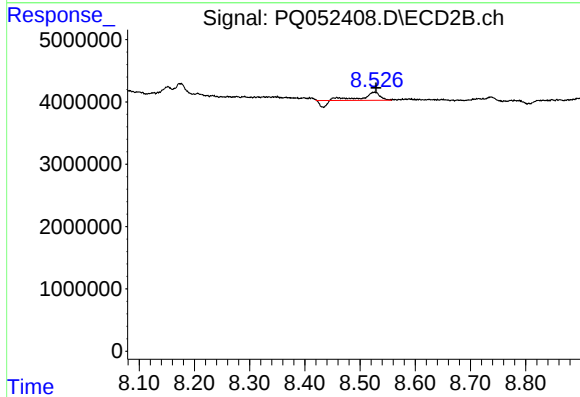
R.T.: 8.526 min
Delta R.T.: 0.060 min
Response: 2235245
Conc: 4.27 ng/ml



#39 AR-1262-4

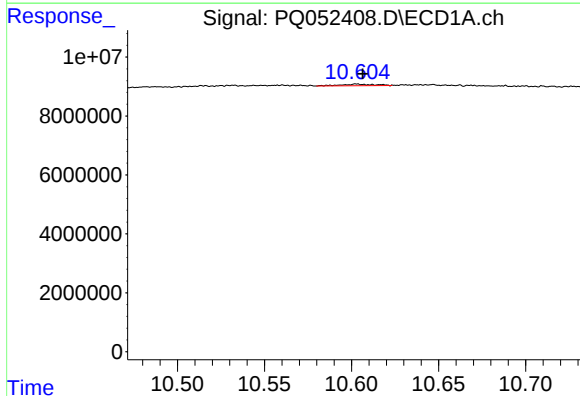
R.T.: 9.871 min
Delta R.T.: -0.018 min
Response: 3065501
Conc: 2.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



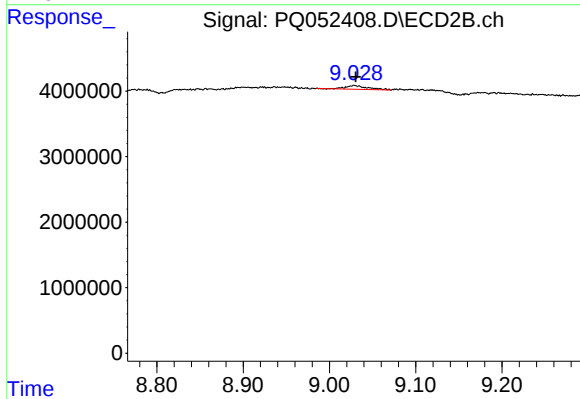
#39 AR-1262-4

R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 2235245
Conc: 2.29 ng/ml



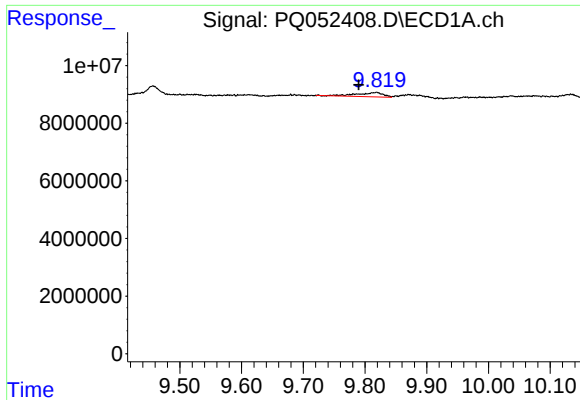
#40 AR-1262-5

R.T.: 10.603 min
Delta R.T.: -0.004 min
Response: 736661
Conc: 0.68 ng/ml



#40 AR-1262-5

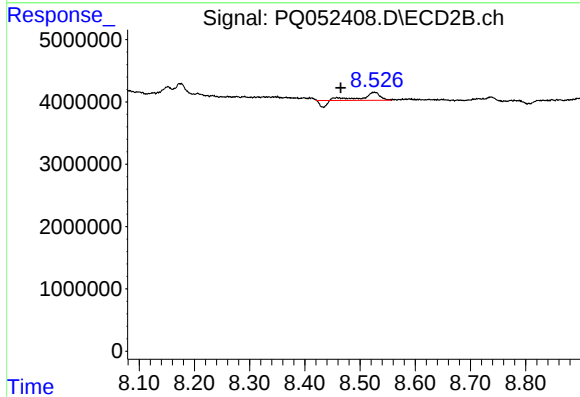
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 1047938
Conc: 2.31 ng/ml



#41 AR-1268-1

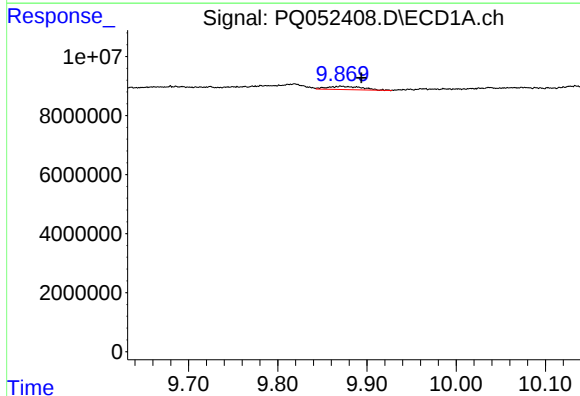
R.T.: 9.819 min
Delta R.T.: 0.029 min
Response: 4453565
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



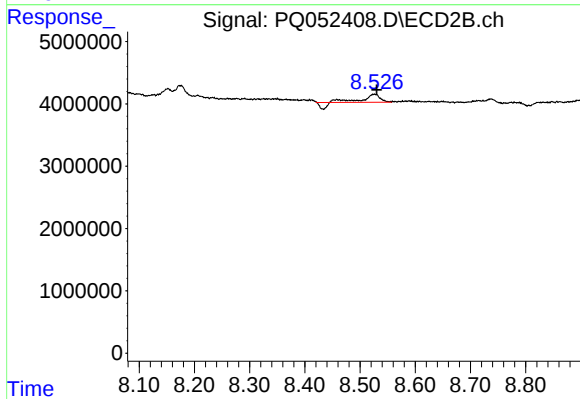
#41 AR-1268-1

R.T.: 8.526 min
Delta R.T.: 0.060 min
Response: 2235245
Conc: 1.39 ng/ml



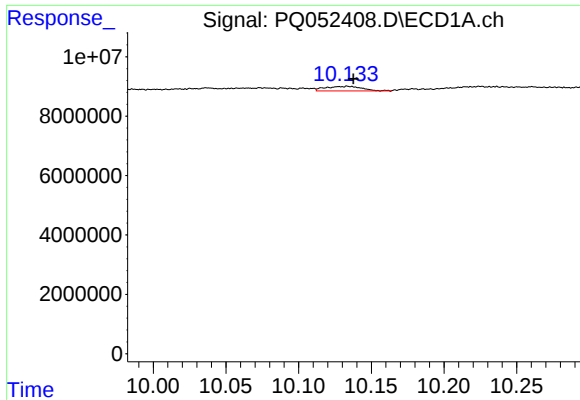
#42 AR-1268-2

R.T.: 9.871 min
Delta R.T.: -0.022 min
Response: 3065501
Conc: 0.93 ng/ml



#42 AR-1268-2

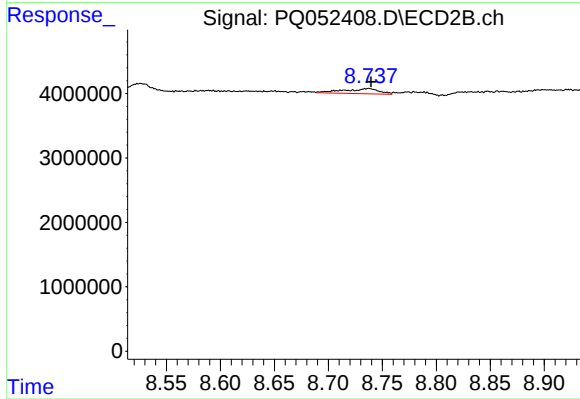
R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 2235245
Conc: 1.50 ng/ml



#43 AR-1268-3

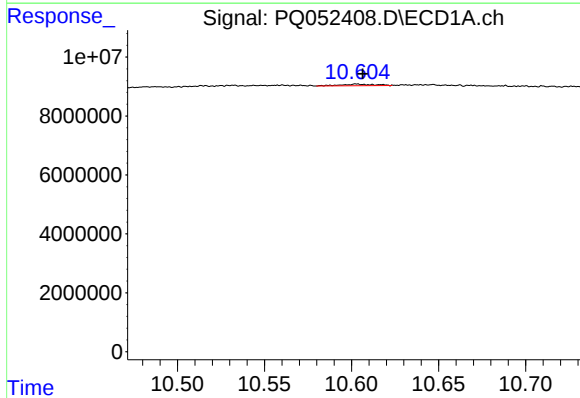
R.T.: 10.134 min
Delta R.T.: -0.004 min
Response: 2631477
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



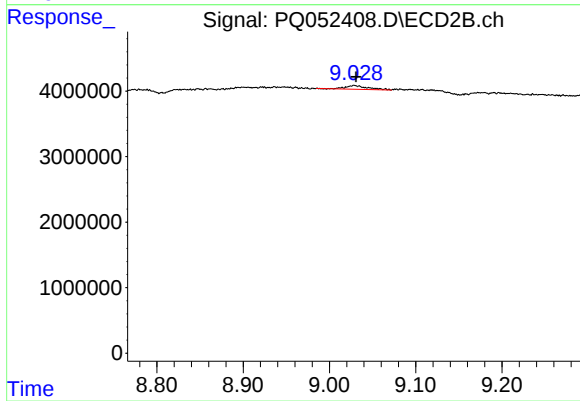
#43 AR-1268-3

R.T.: 8.737 min
Delta R.T.: -0.002 min
Response: 1796012
Conc: 1.43 ng/ml



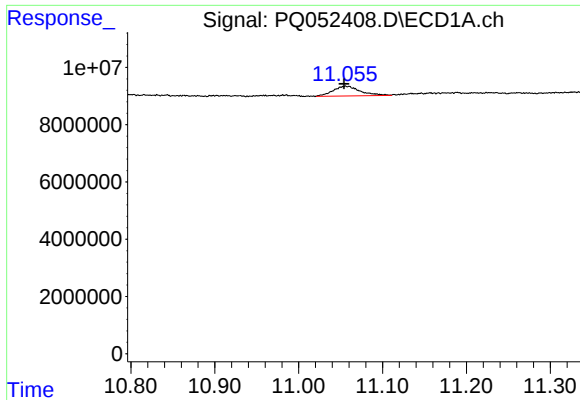
#44 AR-1268-4

R.T.: 10.603 min
Delta R.T.: -0.004 min
Response: 736661
Conc: 0.60 ng/ml



#44 AR-1268-4

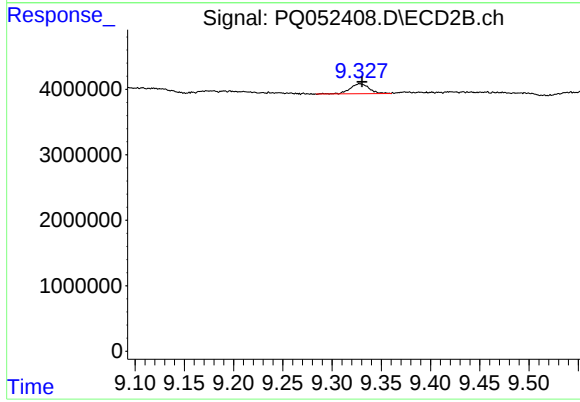
R.T.: 9.029 min
Delta R.T.: -0.002 min
Response: 1047938
Conc: 2.00 ng/ml



#45 AR-1268-5

R.T.: 11.057 min
Delta R.T.: 0.002 min
Response: 7649721
Conc: 0.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.328 min
Delta R.T.: -0.002 min
Response: 2061182
Conc: 0.51 ng/ml