

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041923\
 Data File : PQ060999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2023 12:49
 Operator : YP\AJ
 Sample : 02389-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 16:08:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 2023
 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...	3.405	2.762	93248032	54975900	11.879	13.987
2)	SA Decachlor...	8.586	7.538	53383305	48647162	9.460	10.322
Target Compounds							
3)	L1 AR-1016-1	4.506	3.766	19552249	15217850	70.269	106.305 #
4)	L1 AR-1016-2	4.525	3.781	55850479	32405680	134.386	153.945
5)	L1 AR-1016-3	4.584	3.942	13442062	16123481	51.531	145.405 #
6)	L1 AR-1016-4	4.672	3.991	11499677	32379827	53.172	343.744 #
7)	L1 AR-1016-5	4.961	4.185	48888427	36809975	219.669	312.272 #
8)	L2 AR-1221-1	3.589	2.959	5672283	5358720	56.880	110.074 #
9)	L2 AR-1221-2	3.681	3.061	4448207	268066	59.076	7.216 #
10)	L2 AR-1221-3	3.760	3.109	16190323	2438628	72.779	21.466 #
11)	L3 AR-1232-1	3.760	3.109	16190323	2438628	94.726	28.174 #
12)	L3 AR-1232-2	4.247	3.781	28755065	32405680	290.074	341.025
13)	L3 AR-1232-3	4.525	3.942	55850479	16123481	297.782	323.130
14)	L3 AR-1232-4	4.672	4.027	11499677	27022788	116.444	634.569 #
15)	L3 AR-1232-5	4.771	4.185	42650873	36809975	627.959	715.780
16)	L4 AR-1242-1	4.506	3.766	19552249	15217850	92.311	136.618 #
17)	L4 AR-1242-2	4.525	3.781	55850479	32405680	177.308	200.239
18)	L4 AR-1242-3	4.584	3.942	13442062	16123481	66.686	190.635 #
19)	L4 AR-1242-4	4.672	4.027	11499677	27022788	67.217	326.354 #
20)	L4 AR-1242-5	5.390	4.522	46222001	59488614	272.974	521.528 #
21)	L5 AR-1248-1	4.506	3.766	19552249	15217850	115.814	172.528 #
22)	L5 AR-1248-2	4.771	3.991	42650873	32379827	186.338	248.373 #
23)	L5 AR-1248-3	4.961	4.027	48888427	27022788	174.469	215.246
24)	L5 AR-1248-4	5.355	4.185	38284890	36809975	122.978	236.274 #
25)	L5 AR-1248-5	5.390	4.560	46222001	28258733	154.167	184.222
26)	L6 AR-1254-1	5.326	4.522	58620817	59488614	184.171	256.300 #
27)	L6 AR-1254-2	5.542	4.669	79054534	28048134	160.500	133.620
28)	L6 AR-1254-3	5.900	5.050	77445518	41964195	153.194	127.118
29)	L6 AR-1254-4	6.183	5.277	32401869	23508376	86.531	112.308 #
30)	L6 AR-1254-5	6.595	5.683	56451963	44982938	133.499	137.539
31)	L7 AR-1260-1	6.064	5.181	28888142	33371673	75.138	144.052 #
32)	L7 AR-1260-2	6.315	5.371	114.7E6	34619268	250.511	120.804 #
33)	L7 AR-1260-3	6.677	5.509	21873993	28742897	75.554	105.448 #
34)	L7 AR-1260-4	6.894	5.974	15186926	13221076	44.104	65.380 #
35)	L7 AR-1260-5	7.205	6.219	46485928	35707080	71.127	77.164
36)	L8 AR-1262-1	6.677	5.726	21873993	13458479	45.959	42.370
37)	L8 AR-1262-2	7.205	6.219	46485928	35707080	59.466	61.250
38)	L8 AR-1262-3	7.484	6.498	22680225	13599491	43.094	57.188 #
39)	L8 AR-1262-4	7.559	6.556	19201158	23838956	46.597	53.909
40)	L8 AR-1262-5	8.059	7.052	7115450	17470987	26.304	82.592 #
41)	L9 AR-1268-1	7.484	6.498	22680225	13599491	26.069	20.228

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 Acq On : 19 Apr 2023 12:49
 Operator : YP\AJ
 Sample : 02389-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

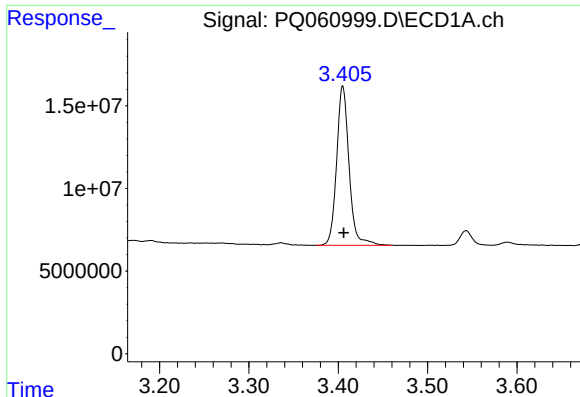
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 16:08:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
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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	7.559	6.556	19201158	23838956	24.229	38.564 #
43) L9	AR-1268-3	7.708f	6.760	3694777	1127162	5.568	2.080 #
44) L9	AR-1268-4	8.059	7.052	7115450	17470987	24.129	74.925 #
45) L9	AR-1268-5	8.350	7.322	3798146	3540879	2.012	2.026

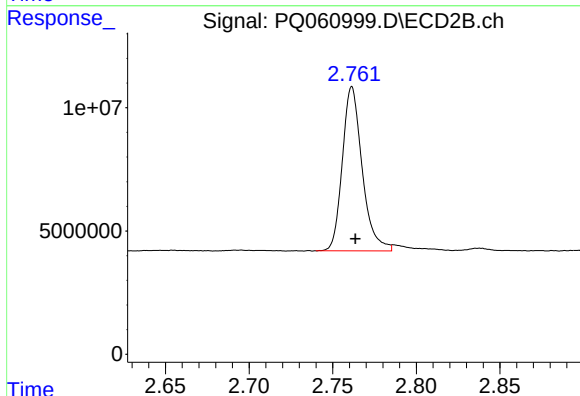
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

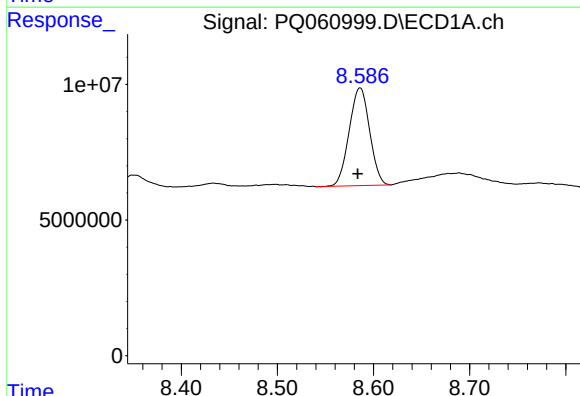
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 93248032
Conc: 11.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



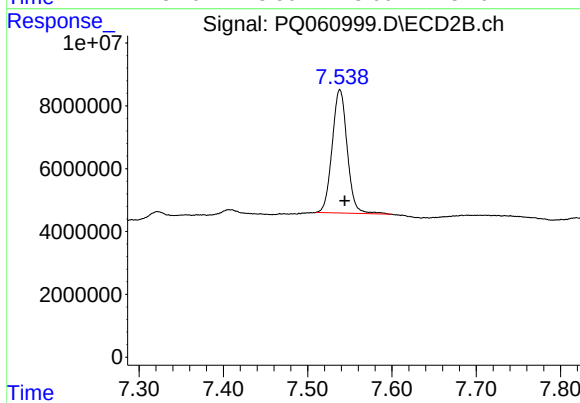
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: -0.002 min
Response: 54975900
Conc: 13.99 ng/ml



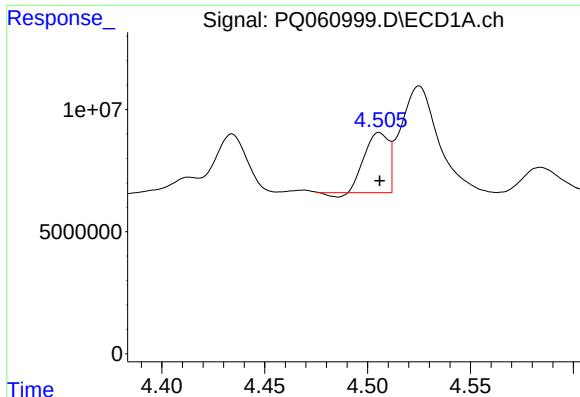
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 53383305
Conc: 9.46 ng/ml



#2 Decachlorobiphenyl

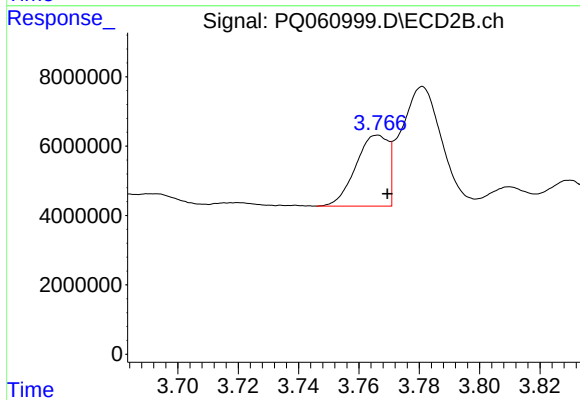
R.T.: 7.538 min
Delta R.T.: -0.006 min
Response: 48647162
Conc: 10.32 ng/ml



#3 AR-1016-1

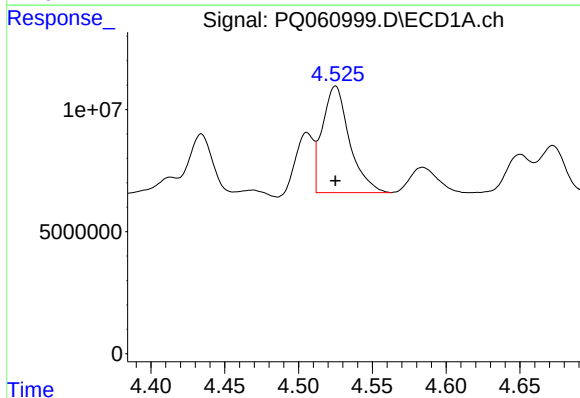
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 19552249
Conc: 70.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



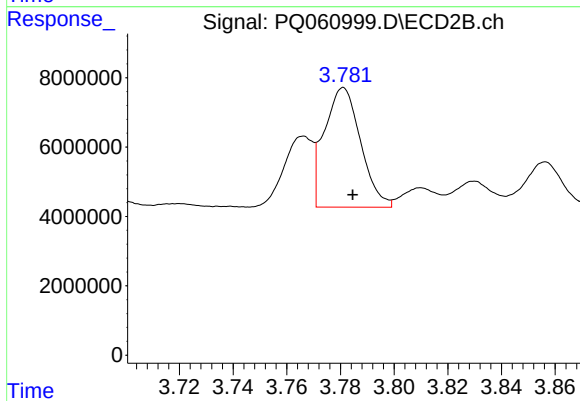
#3 AR-1016-1

R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 15217850
Conc: 106.31 ng/ml



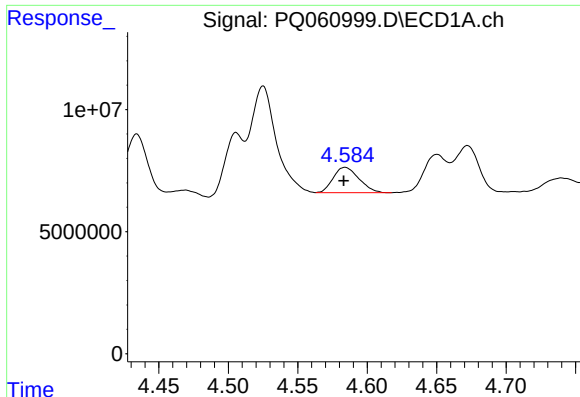
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 55850479
Conc: 134.39 ng/ml



#4 AR-1016-2

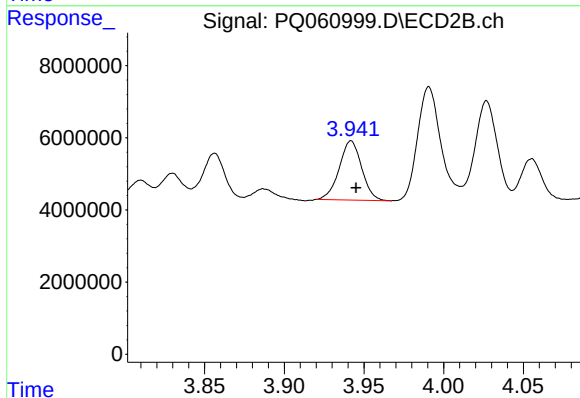
R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 32405680
Conc: 153.94 ng/ml



#5 AR-1016-3

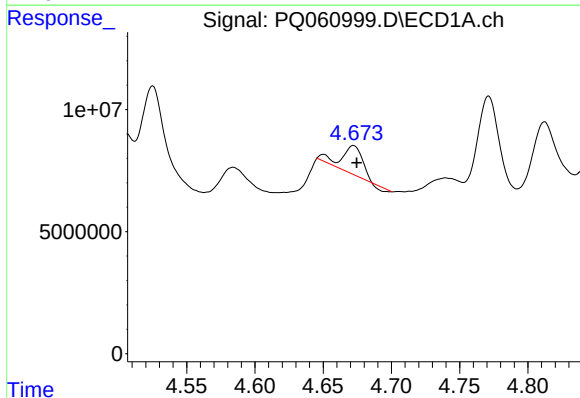
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 13442062
Conc: 51.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



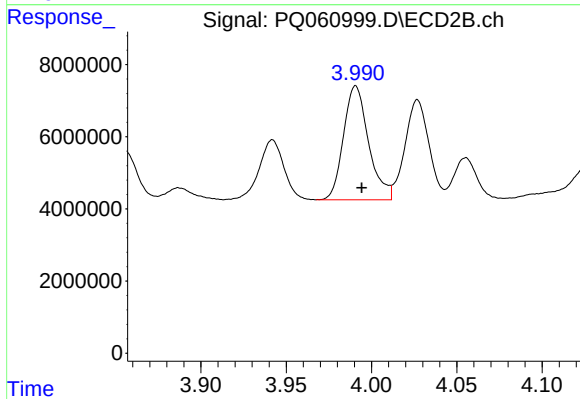
#5 AR-1016-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 16123481
Conc: 145.40 ng/ml



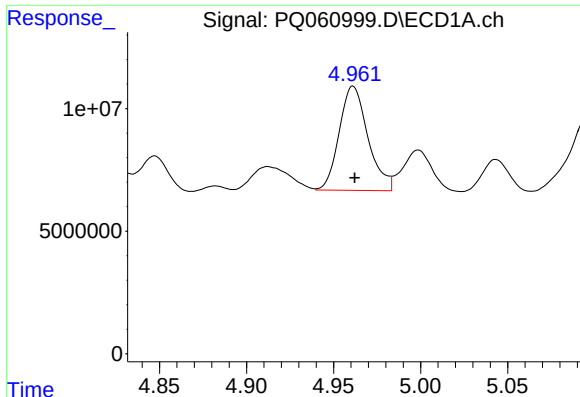
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 11499677
Conc: 53.17 ng/ml



#6 AR-1016-4

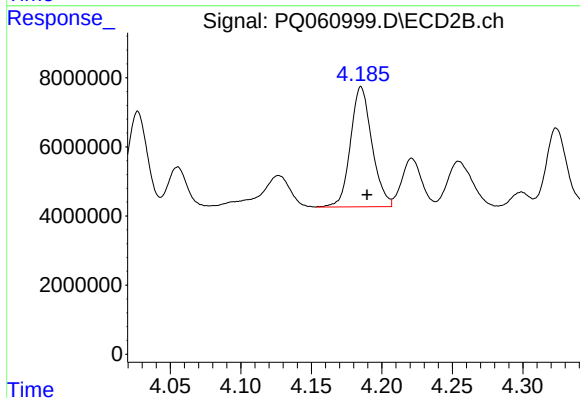
R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 32379827
Conc: 343.74 ng/ml



#7 AR-1016-5

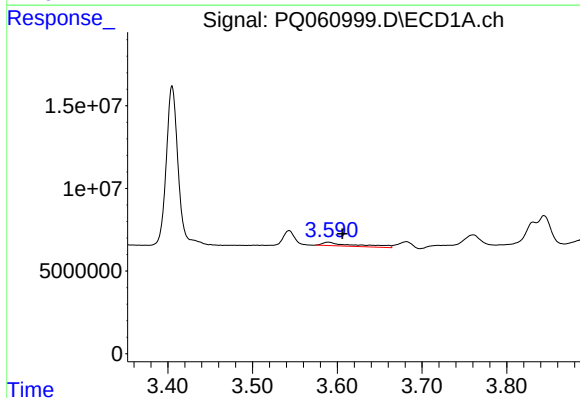
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 48888427
Conc: 219.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



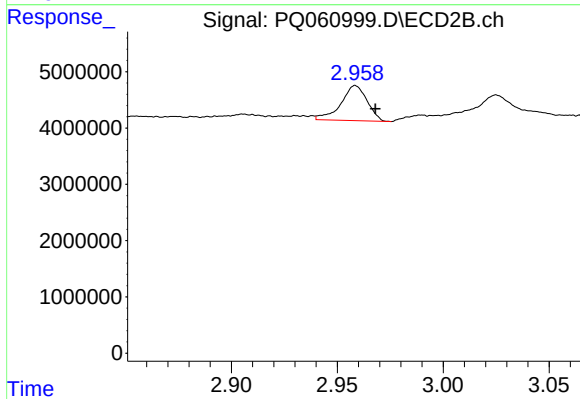
#7 AR-1016-5

R.T.: 4.185 min
Delta R.T.: -0.004 min
Response: 36809975
Conc: 312.27 ng/ml



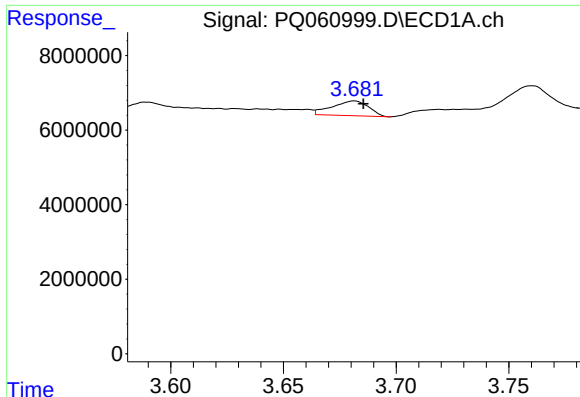
#8 AR-1221-1

R.T.: 3.589 min
Delta R.T.: -0.017 min
Response: 5672283
Conc: 56.88 ng/ml



#8 AR-1221-1

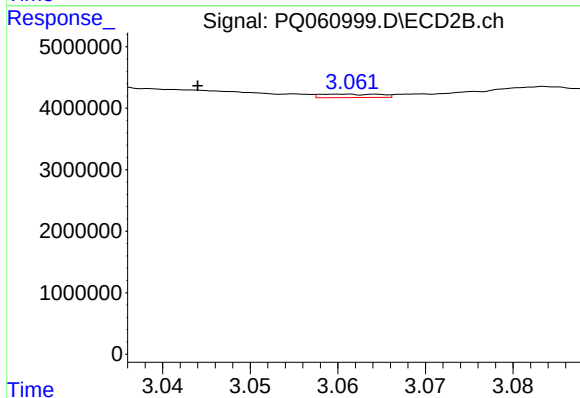
R.T.: 2.959 min
Delta R.T.: -0.009 min
Response: 5358720
Conc: 110.07 ng/ml



#9 AR-1221-2

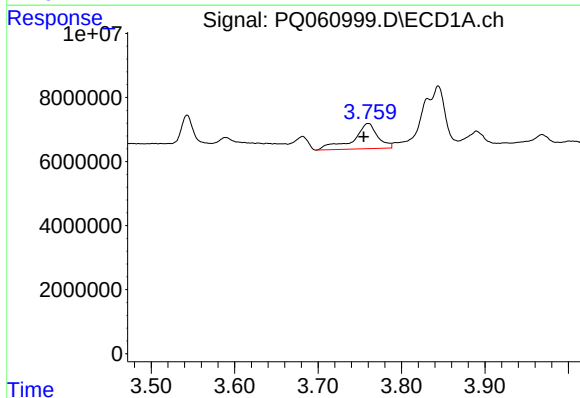
R.T.: 3.681 min
Delta R.T.: -0.004 min
Response: 4448207
Conc: 59.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



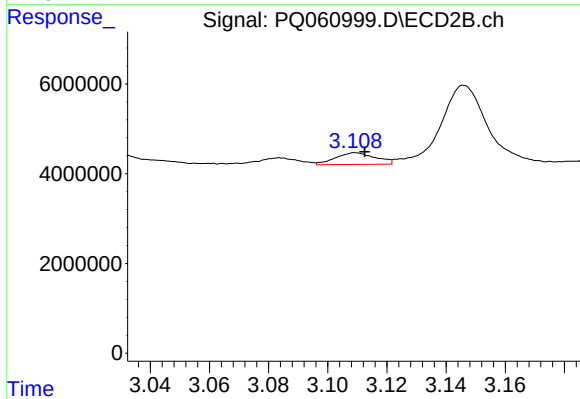
#9 AR-1221-2

R.T.: 3.061 min
Delta R.T.: 0.017 min
Response: 268066
Conc: 7.22 ng/ml



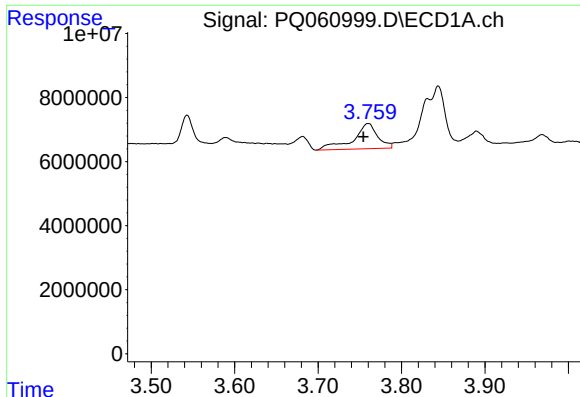
#10 AR-1221-3

R.T.: 3.760 min
Delta R.T.: 0.005 min
Response: 16190323
Conc: 72.78 ng/ml



#10 AR-1221-3

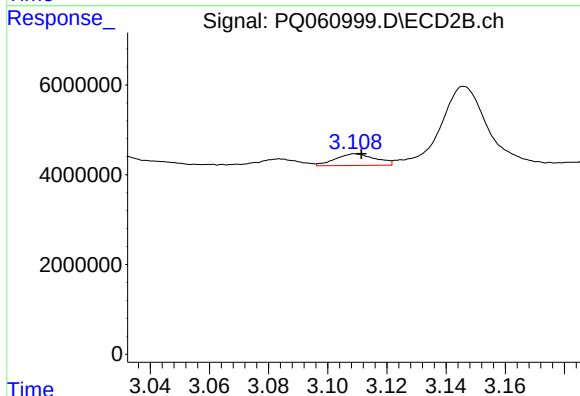
R.T.: 3.109 min
Delta R.T.: -0.003 min
Response: 2438628
Conc: 21.47 ng/ml



#11 AR-1232-1

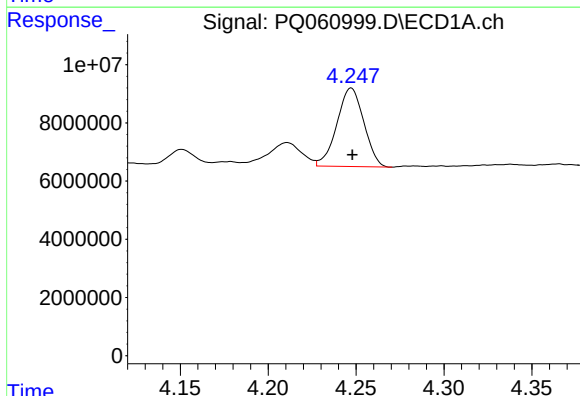
R.T.: 3.760 min
Delta R.T.: 0.006 min
Response: 16190323
Conc: 94.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



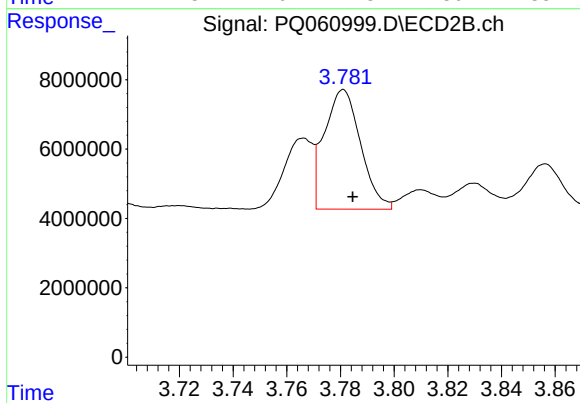
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.002 min
Response: 2438628
Conc: 28.17 ng/ml



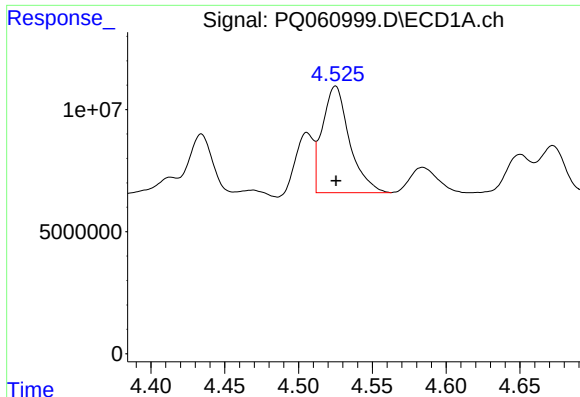
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 28755065
Conc: 290.07 ng/ml



#12 AR-1232-2

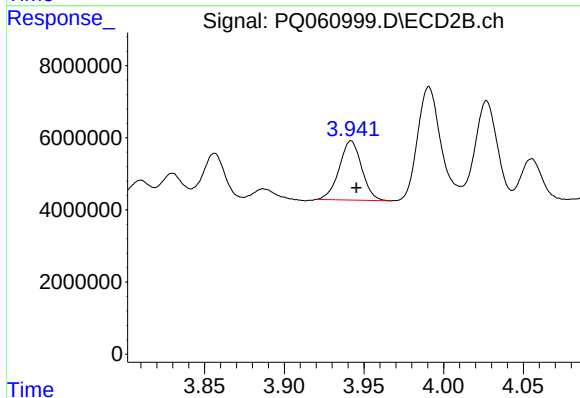
R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 32405680
Conc: 341.03 ng/ml



#13 AR-1232-3

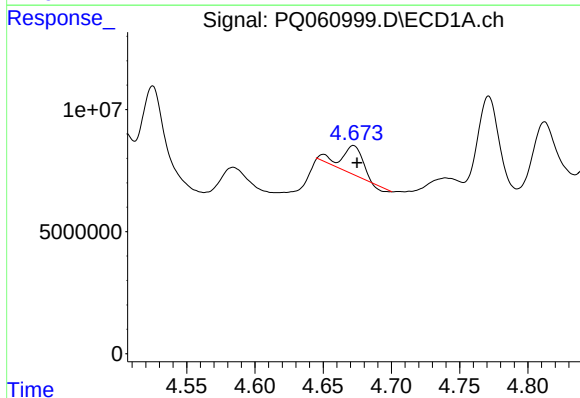
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 55850479
Conc: 297.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



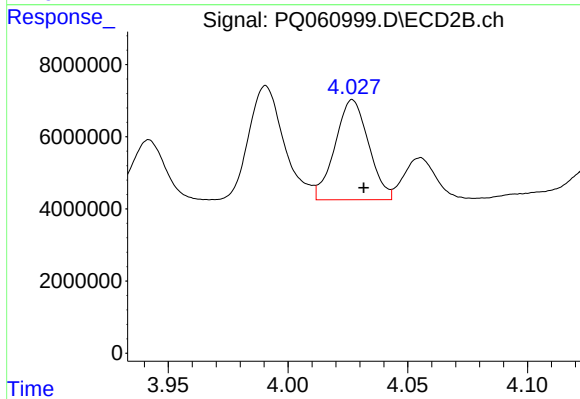
#13 AR-1232-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 16123481
Conc: 323.13 ng/ml



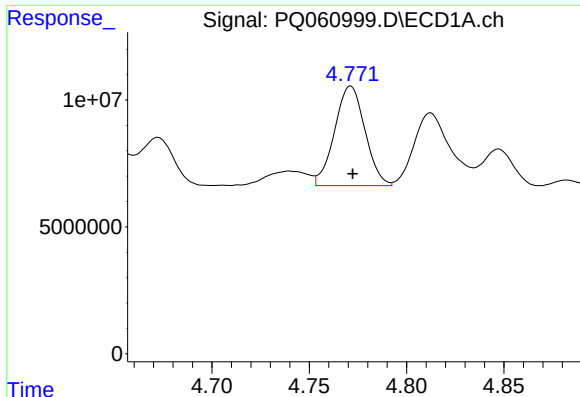
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 11499677
Conc: 116.44 ng/ml



#14 AR-1232-4

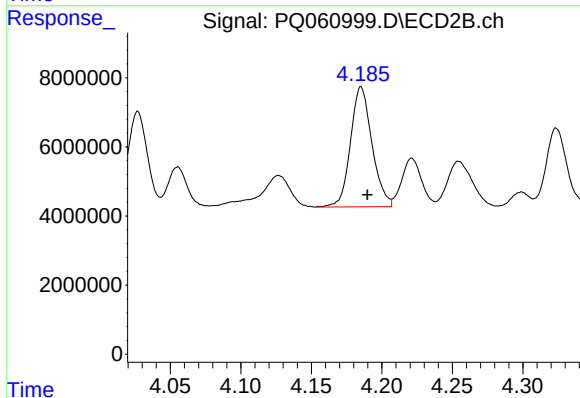
R.T.: 4.027 min
Delta R.T.: -0.005 min
Response: 27022788
Conc: 634.57 ng/ml



#15 AR-1232-5

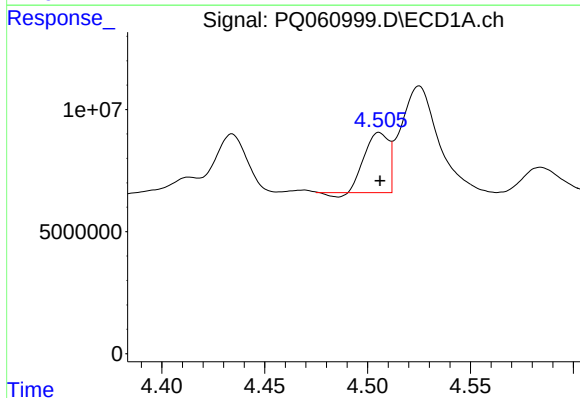
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 42650873
Conc: 627.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



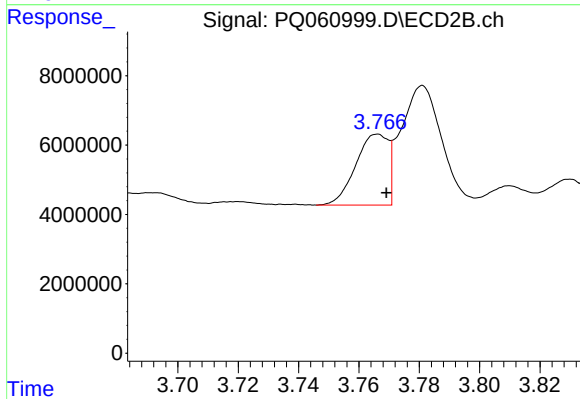
#15 AR-1232-5

R.T.: 4.185 min
Delta R.T.: -0.005 min
Response: 36809975
Conc: 715.78 ng/ml



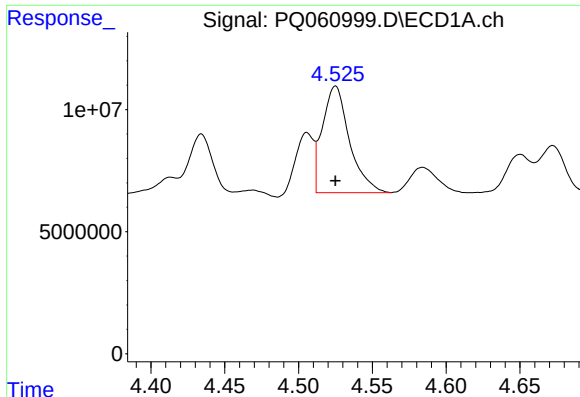
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 19552249
Conc: 92.31 ng/ml



#16 AR-1242-1

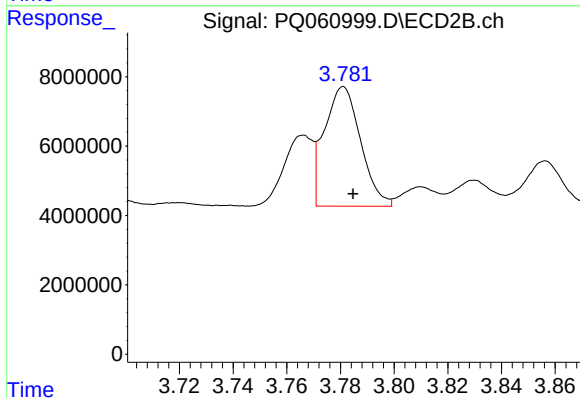
R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 15217850
Conc: 136.62 ng/ml



#17 AR-1242-2

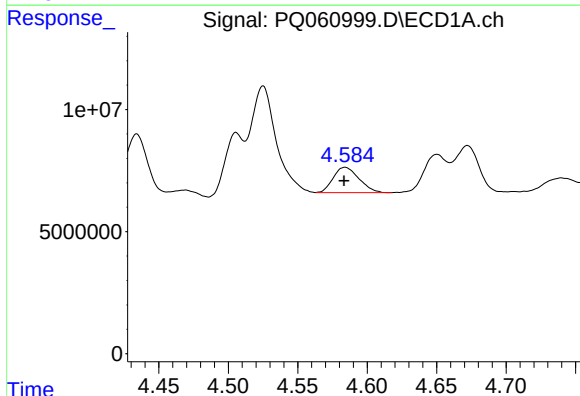
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 55850479
Conc: 177.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



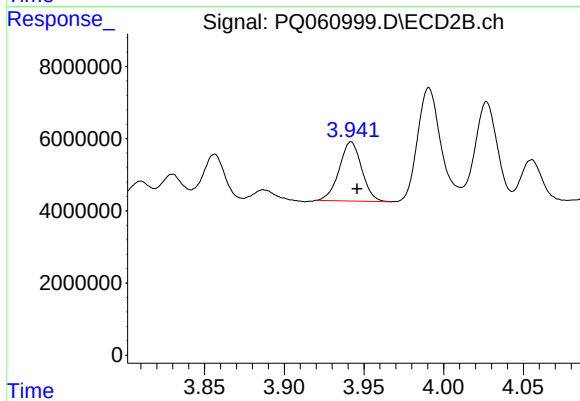
#17 AR-1242-2

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 32405680
Conc: 200.24 ng/ml



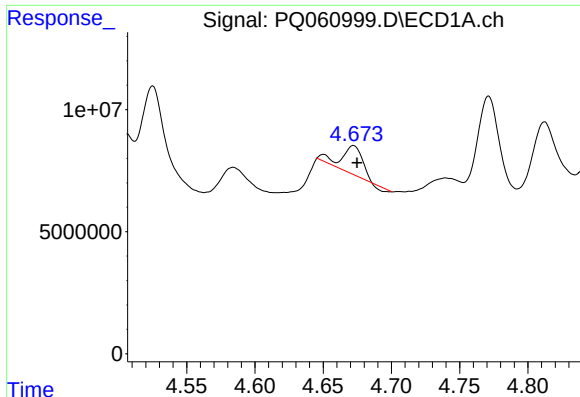
#18 AR-1242-3

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 13442062
Conc: 66.69 ng/ml



#18 AR-1242-3

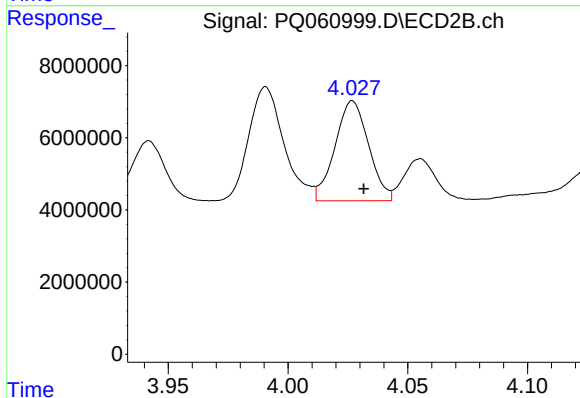
R.T.: 3.942 min
Delta R.T.: -0.004 min
Response: 16123481
Conc: 190.63 ng/ml



#19 AR-1242-4

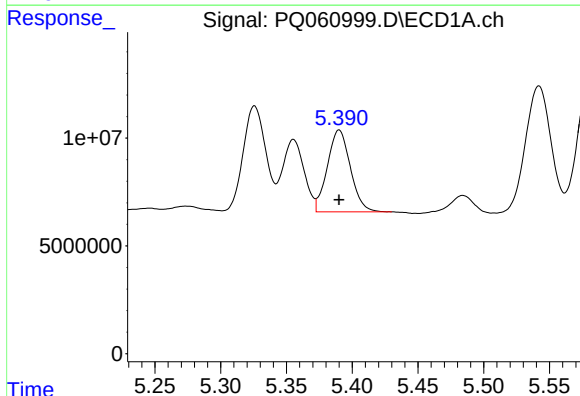
R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 11499677
Conc: 67.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



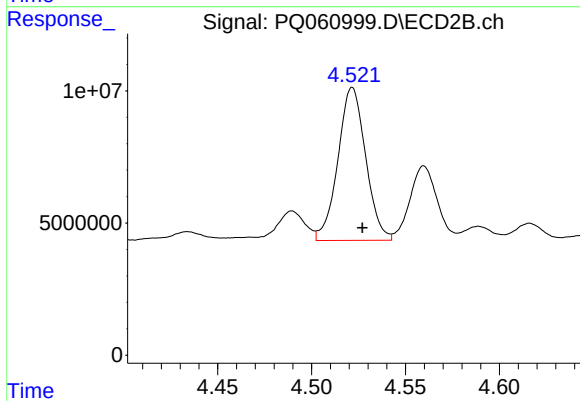
#19 AR-1242-4

R.T.: 4.027 min
Delta R.T.: -0.005 min
Response: 27022788
Conc: 326.35 ng/ml



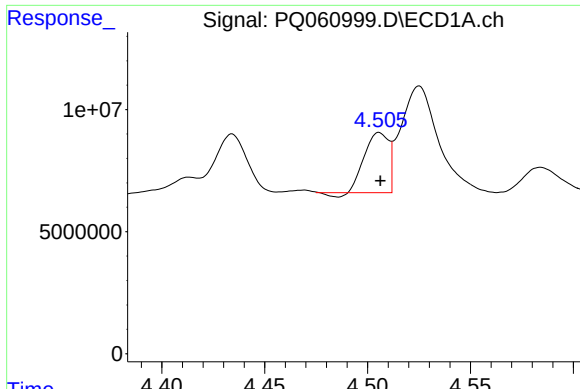
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 46222001
Conc: 272.97 ng/ml



#20 AR-1242-5

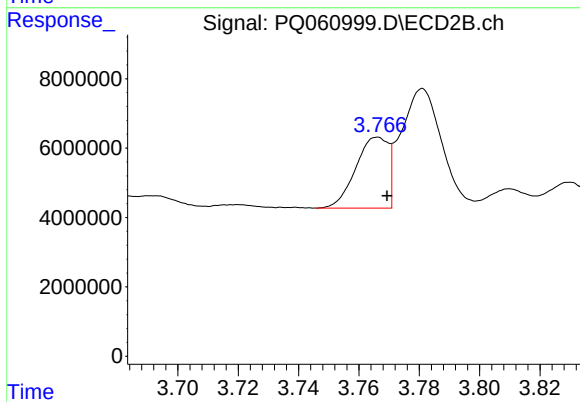
R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 59488614
Conc: 521.53 ng/ml



#21 AR-1248-1

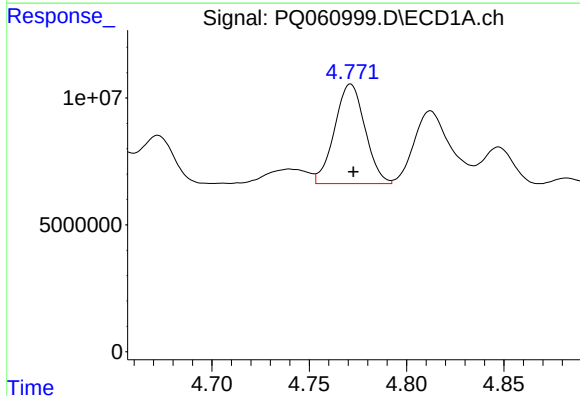
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 19552249
Conc: 115.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



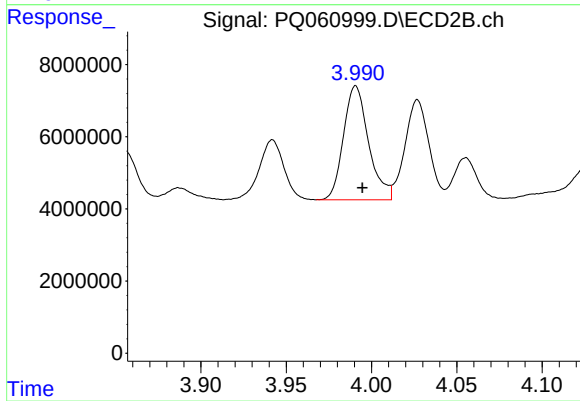
#21 AR-1248-1

R.T.: 3.766 min
Delta R.T.: -0.003 min
Response: 15217850
Conc: 172.53 ng/ml



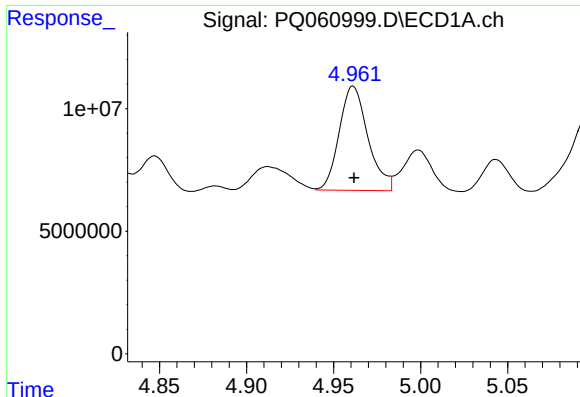
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 42650873
Conc: 186.34 ng/ml



#22 AR-1248-2

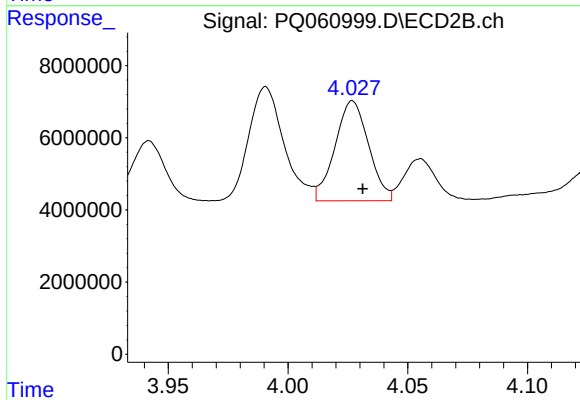
R.T.: 3.991 min
Delta R.T.: -0.004 min
Response: 32379827
Conc: 248.37 ng/ml



#23 AR-1248-3

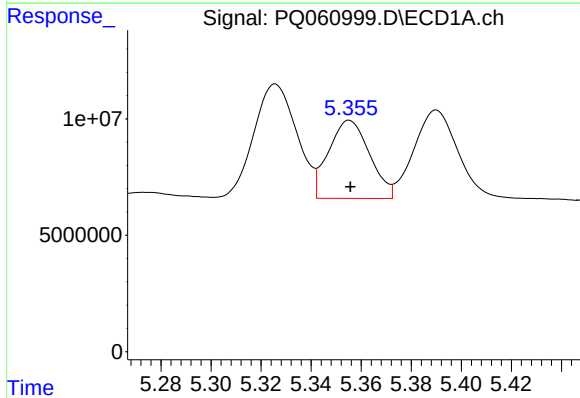
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 48888427
Conc: 174.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



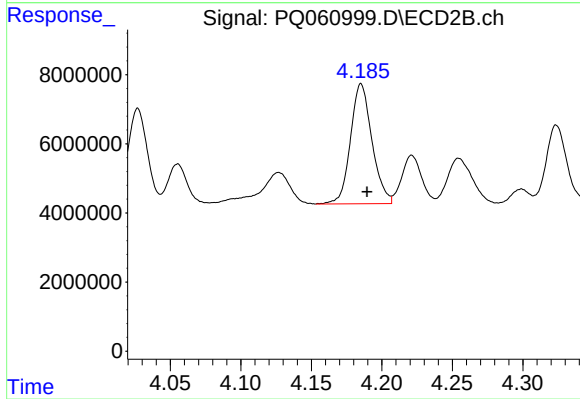
#23 AR-1248-3

R.T.: 4.027 min
Delta R.T.: -0.004 min
Response: 27022788
Conc: 215.25 ng/ml



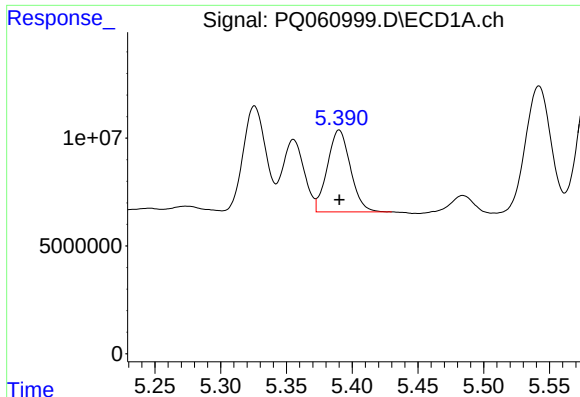
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 38284890
Conc: 122.98 ng/ml



#24 AR-1248-4

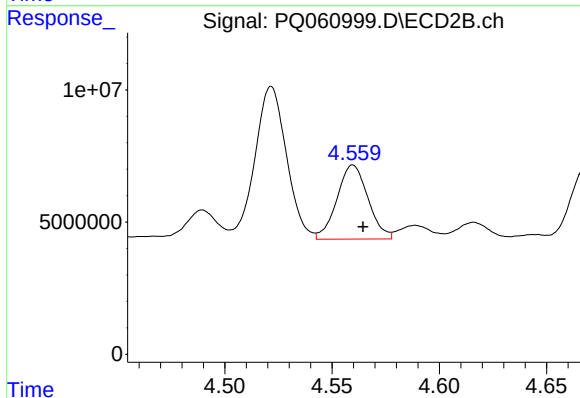
R.T.: 4.185 min
Delta R.T.: -0.004 min
Response: 36809975
Conc: 236.27 ng/ml



#25 AR-1248-5

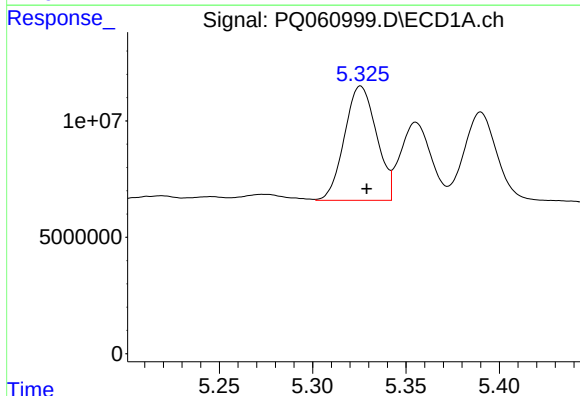
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 46222001
Conc: 154.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



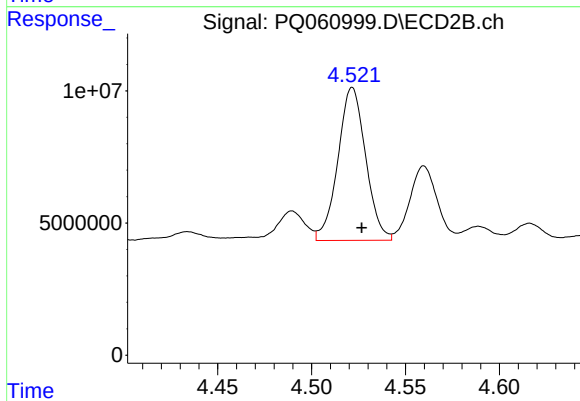
#25 AR-1248-5

R.T.: 4.560 min
Delta R.T.: -0.005 min
Response: 28258733
Conc: 184.22 ng/ml



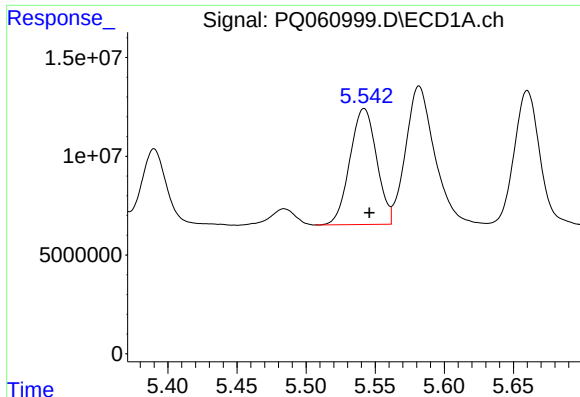
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: -0.003 min
Response: 58620817
Conc: 184.17 ng/ml



#26 AR-1254-1

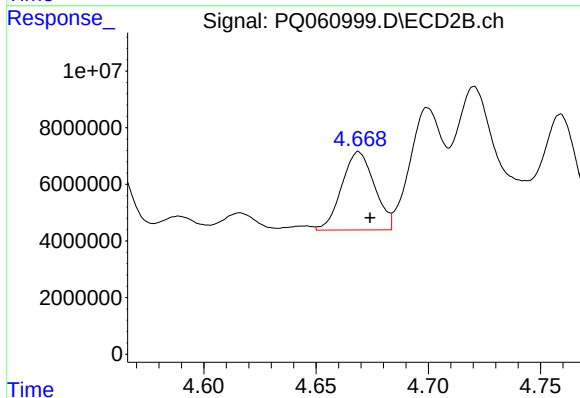
R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 59488614
Conc: 256.30 ng/ml



#27 AR-1254-2

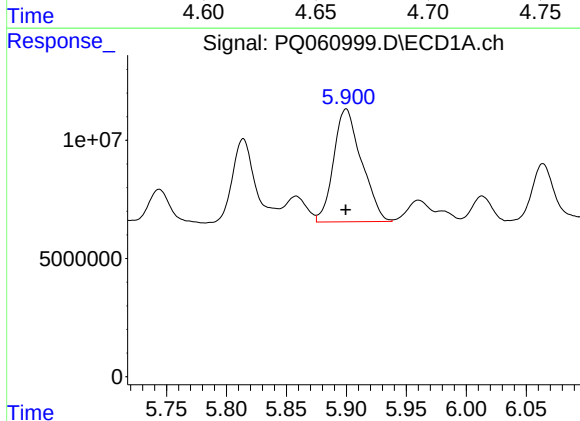
R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 79054534
Conc: 160.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



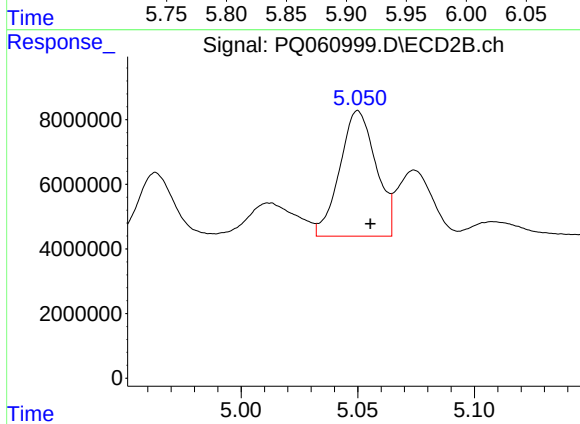
#27 AR-1254-2

R.T.: 4.669 min
Delta R.T.: -0.005 min
Response: 28048134
Conc: 133.62 ng/ml



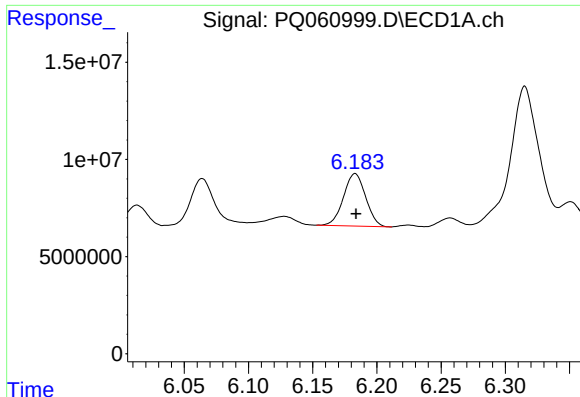
#28 AR-1254-3

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 77445518
Conc: 153.19 ng/ml



#28 AR-1254-3

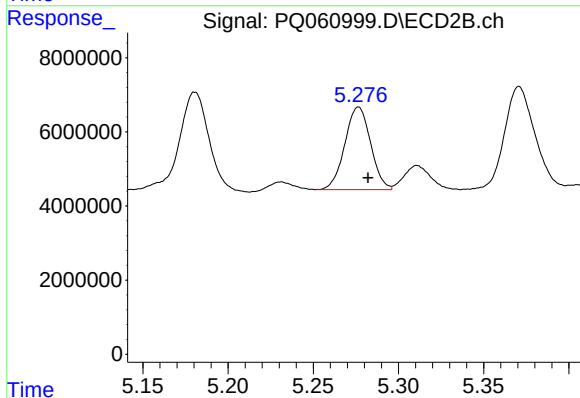
R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 41964195
Conc: 127.12 ng/ml



#29 AR-1254-4

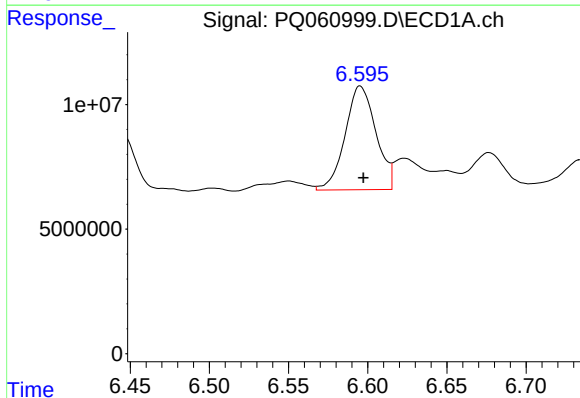
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 32401869
Conc: 86.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



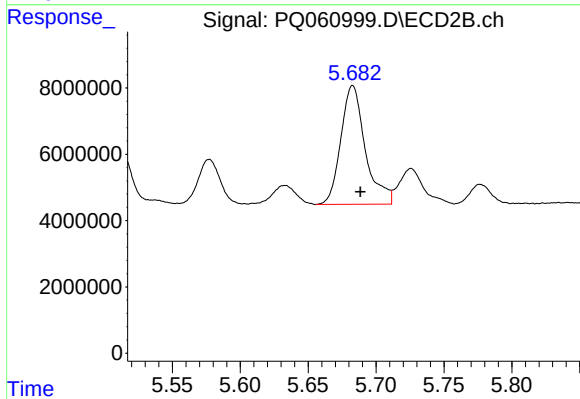
#29 AR-1254-4

R.T.: 5.277 min
Delta R.T.: -0.006 min
Response: 23508376
Conc: 112.31 ng/ml



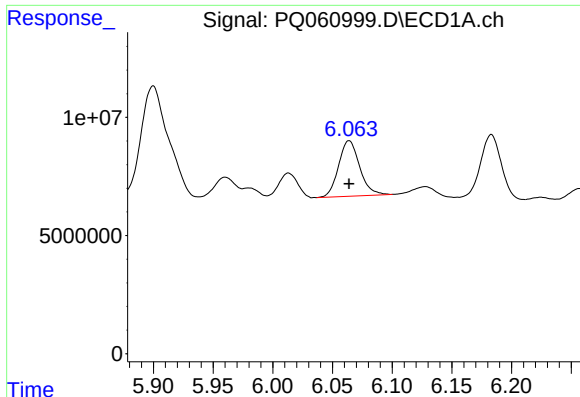
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 56451963
Conc: 133.50 ng/ml



#30 AR-1254-5

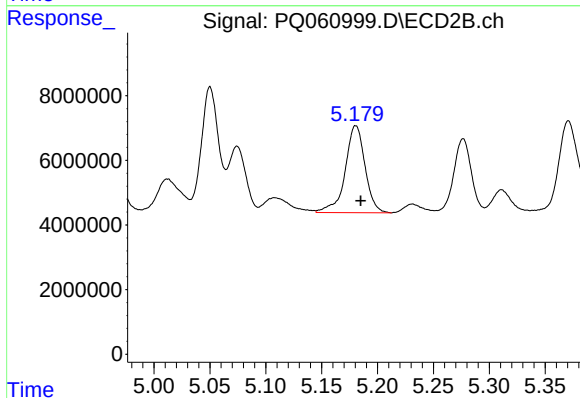
R.T.: 5.683 min
Delta R.T.: -0.006 min
Response: 44982938
Conc: 137.54 ng/ml



#31 AR-1260-1

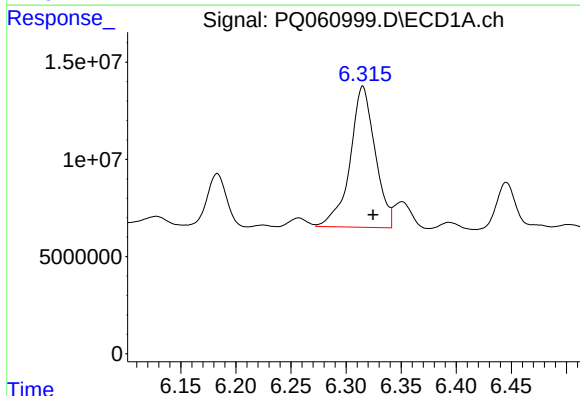
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 28888142
Conc: 75.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



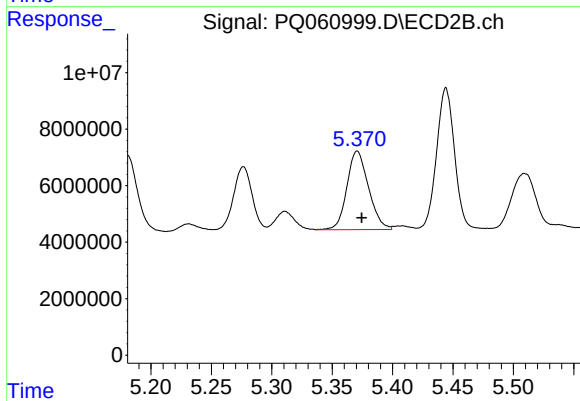
#31 AR-1260-1

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 33371673
Conc: 144.05 ng/ml



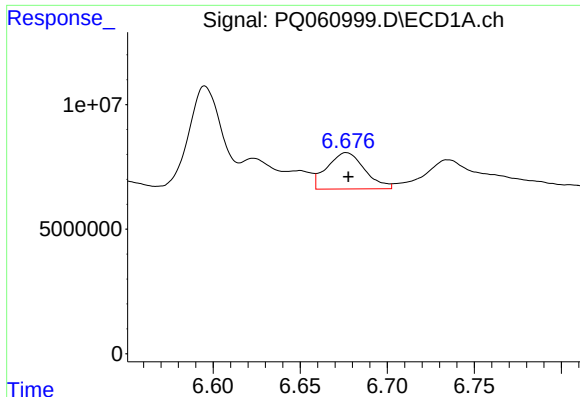
#32 AR-1260-2

R.T.: 6.315 min
Delta R.T.: -0.009 min
Response: 114735214
Conc: 250.51 ng/ml



#32 AR-1260-2

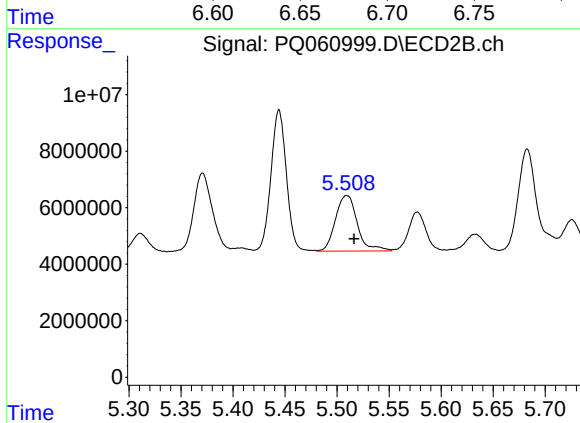
R.T.: 5.371 min
Delta R.T.: -0.004 min
Response: 34619268
Conc: 120.80 ng/ml



#33 AR-1260-3

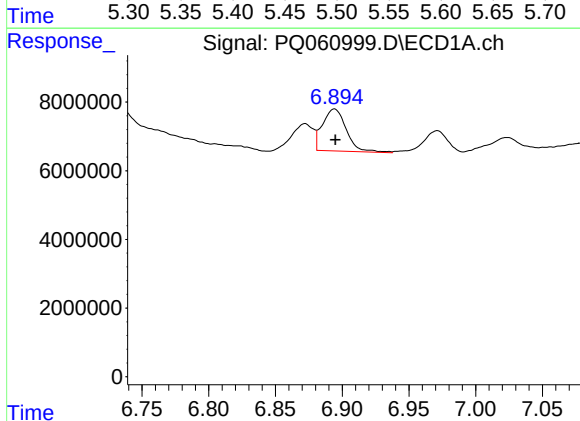
R.T.: 6.677 min
Delta R.T.: -0.001 min
Response: 21873993
Conc: 75.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



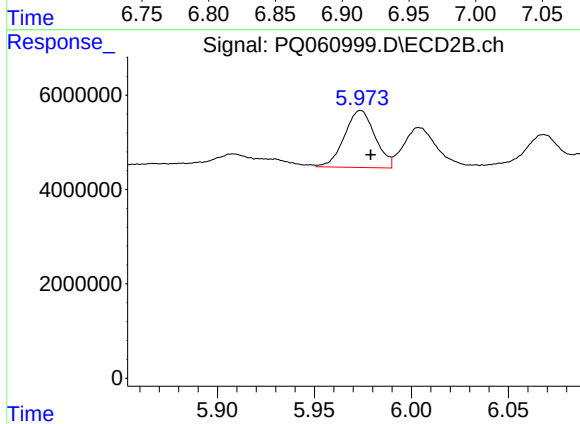
#33 AR-1260-3

R.T.: 5.509 min
Delta R.T.: -0.007 min
Response: 28742897
Conc: 105.45 ng/ml



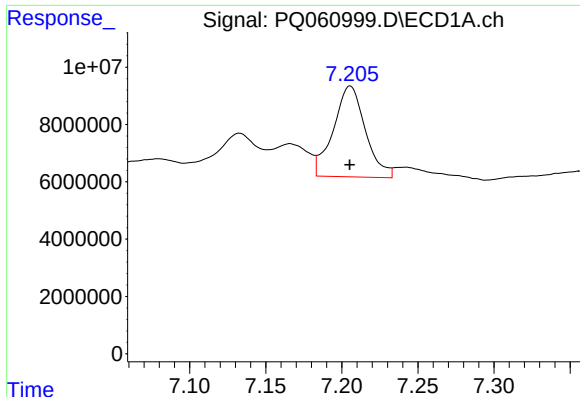
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 15186926
Conc: 44.10 ng/ml



#34 AR-1260-4

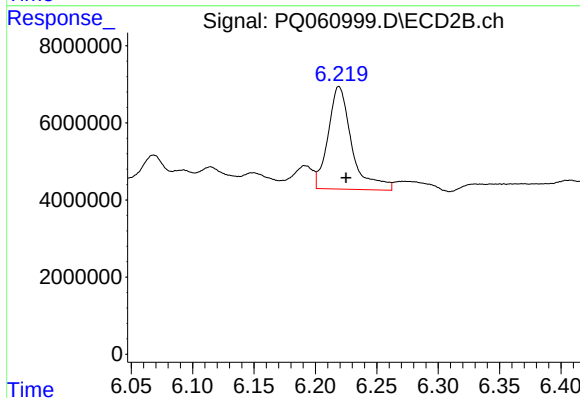
R.T.: 5.974 min
Delta R.T.: -0.005 min
Response: 13221076
Conc: 65.38 ng/ml



#35 AR-1260-5

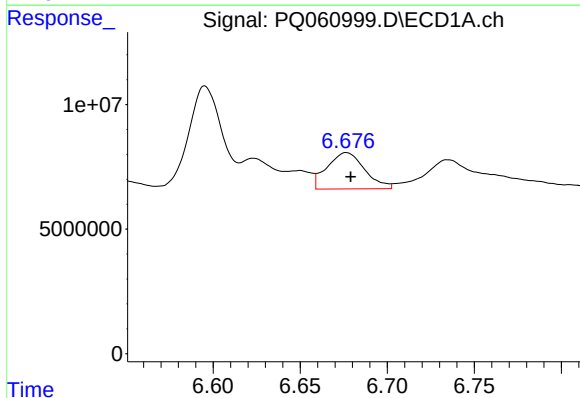
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 46485928
Conc: 71.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



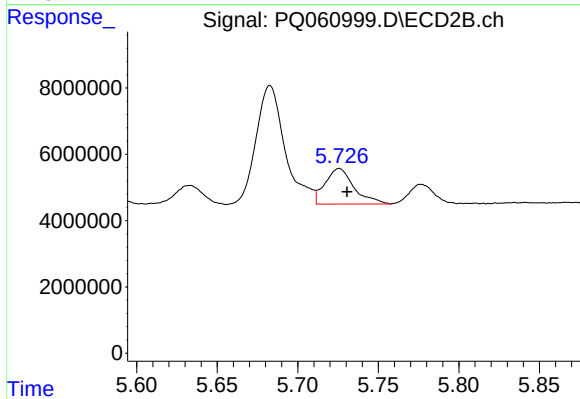
#35 AR-1260-5

R.T.: 6.219 min
Delta R.T.: -0.006 min
Response: 35707080
Conc: 77.16 ng/ml



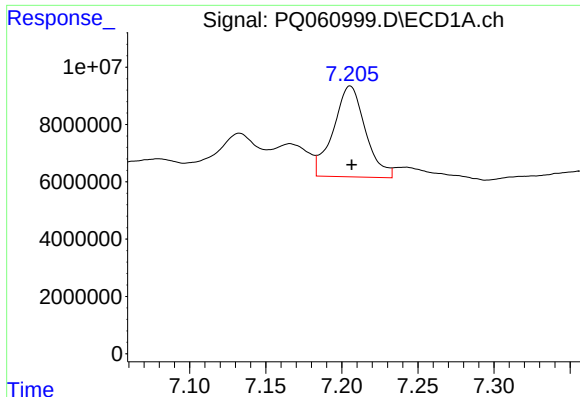
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 21873993
Conc: 45.96 ng/ml



#36 AR-1262-1

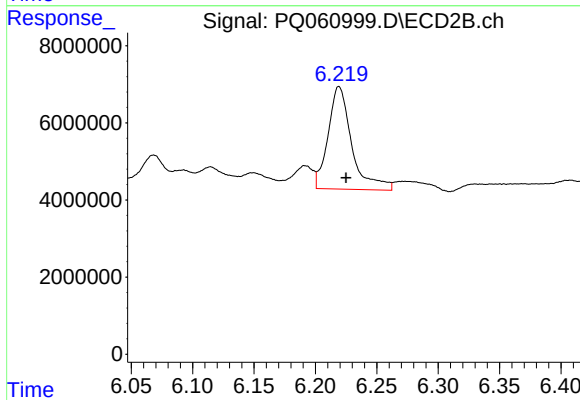
R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 13458479
Conc: 42.37 ng/ml



#37 AR-1262-2

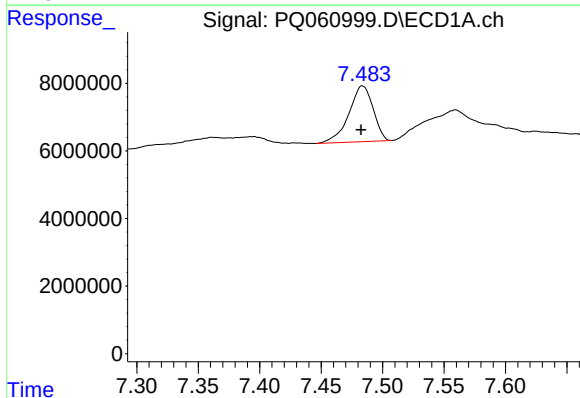
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 46485928
Conc: 59.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



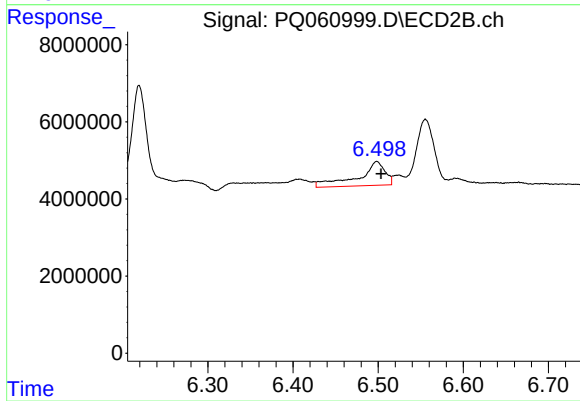
#37 AR-1262-2

R.T.: 6.219 min
Delta R.T.: -0.006 min
Response: 35707080
Conc: 61.25 ng/ml



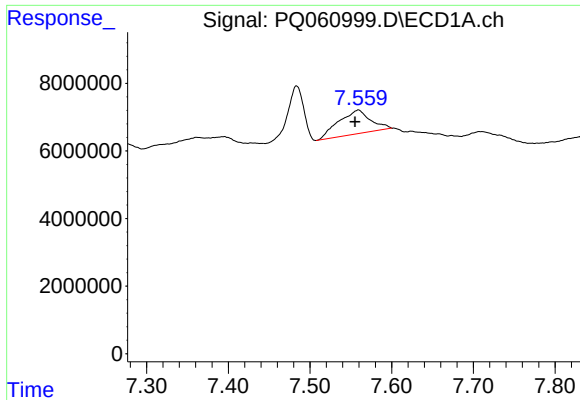
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.001 min
Response: 22680225
Conc: 43.09 ng/ml



#38 AR-1262-3

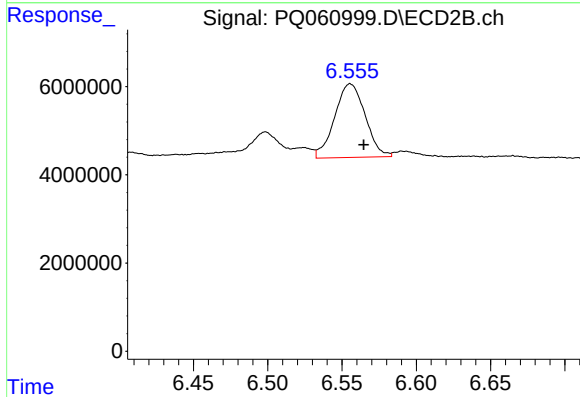
R.T.: 6.498 min
Delta R.T.: -0.005 min
Response: 13599491
Conc: 57.19 ng/ml



#39 AR-1262-4

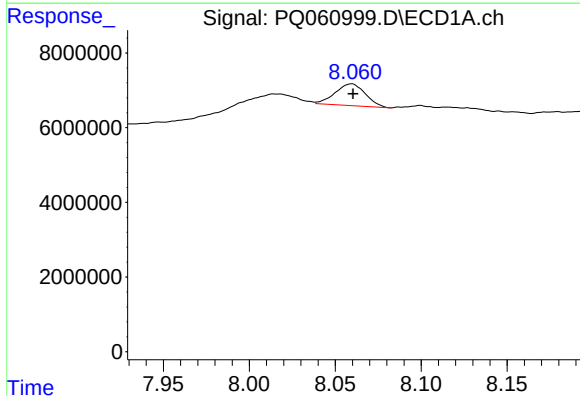
R.T.: 7.559 min
Delta R.T.: 0.004 min
Response: 19201158
Conc: 46.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



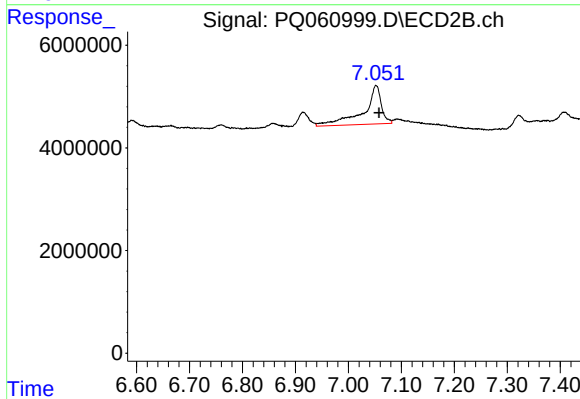
#39 AR-1262-4

R.T.: 6.556 min
Delta R.T.: -0.009 min
Response: 23838956
Conc: 53.91 ng/ml



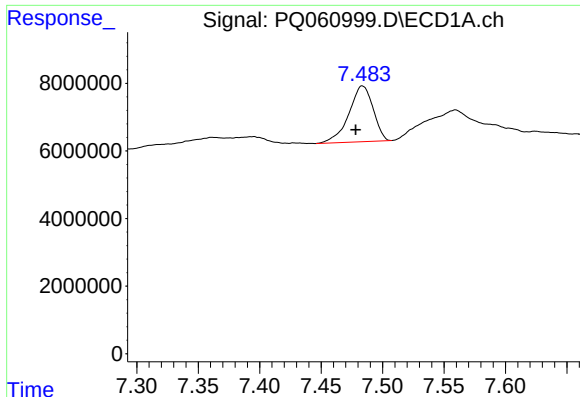
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 7115450
Conc: 26.30 ng/ml



#40 AR-1262-5

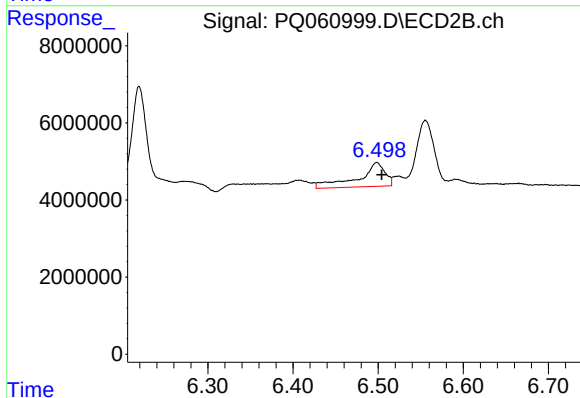
R.T.: 7.052 min
Delta R.T.: -0.006 min
Response: 17470987
Conc: 82.59 ng/ml



#41 AR-1268-1

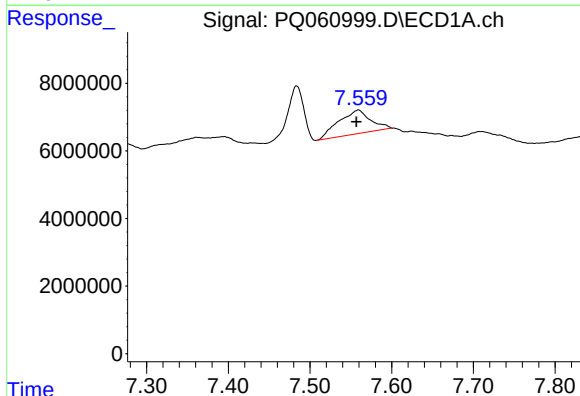
R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 22680225
Conc: 26.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



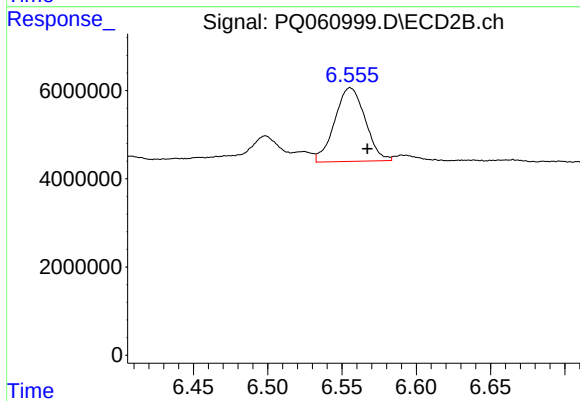
#41 AR-1268-1

R.T.: 6.498 min
Delta R.T.: -0.006 min
Response: 13599491
Conc: 20.23 ng/ml



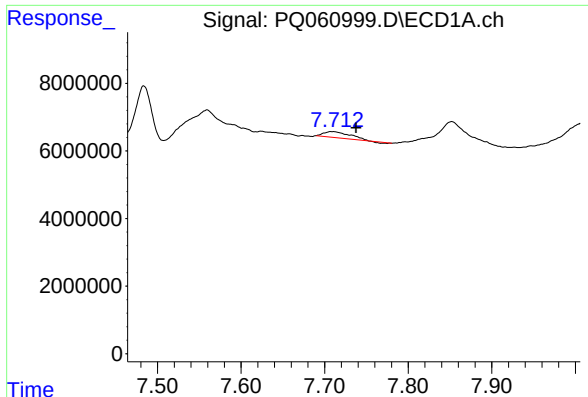
#42 AR-1268-2

R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 19201158
Conc: 24.23 ng/ml



#42 AR-1268-2

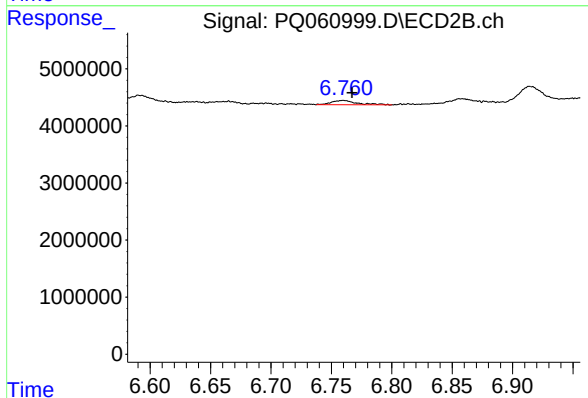
R.T.: 6.556 min
Delta R.T.: -0.011 min
Response: 23838956
Conc: 38.56 ng/ml



#43 AR-1268-3

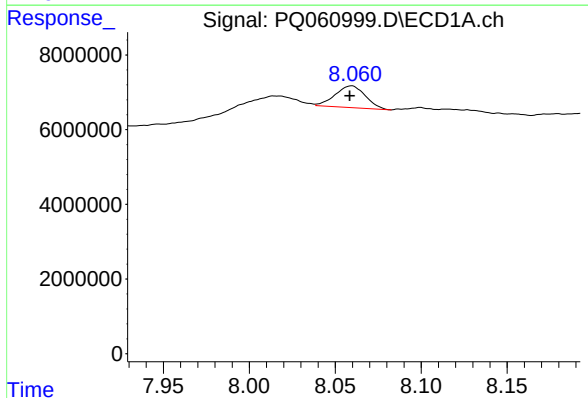
R.T.: 7.708 min
Delta R.T.: -0.029 min
Response: 3694777
Conc: 5.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



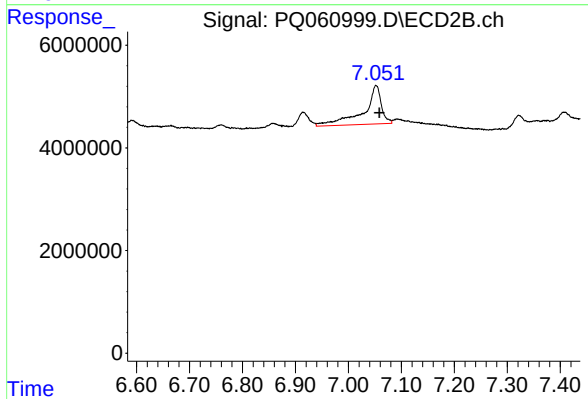
#43 AR-1268-3

R.T.: 6.760 min
Delta R.T.: -0.007 min
Response: 1127162
Conc: 2.08 ng/ml



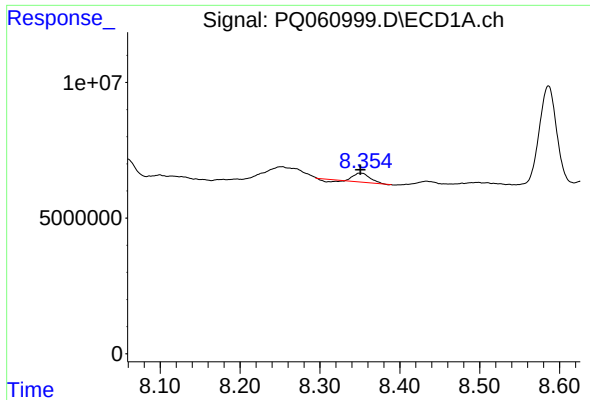
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 7115450
Conc: 24.13 ng/ml



#44 AR-1268-4

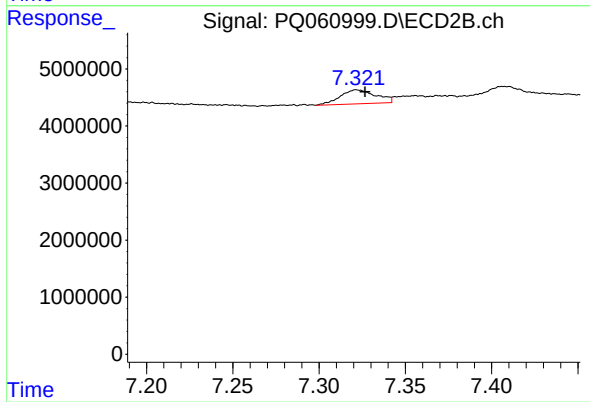
R.T.: 7.052 min
Delta R.T.: -0.006 min
Response: 17470987
Conc: 74.92 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 3798146
Conc: 2.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.322 min
Delta R.T.: -0.005 min
Response: 3540879
Conc: 2.03 ng/ml