

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070723\
 Data File : PQ062019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2023 20:46
 Operator : YP\AJ
 Sample : PB154026BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:23:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.404	2.759	101.9E6	54515755	20.890	21.727
2)	SA Decachlor...	8.583	7.528	81225227	67316381	22.359	20.202
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	76860250	47046767	466.617	475.338
4)	L1 AR-1016-2	4.524	3.776	117.3E6	68077452	474.485	472.108
5)	L1 AR-1016-3	4.581	3.936	73585122	36345373	482.824	481.761
6)	L1 AR-1016-4	4.673	3.986	60673693	31414632	484.053	478.305
7)	L1 AR-1016-5	4.960	4.180	64244037	38436224	527.815	468.840
8)	L2 AR-1221-1	3.601	2.960	8133836	4416083	135.321	133.835
9)	L2 AR-1221-2	3.683	3.037	10293289	5696828	229.083	224.284
10)	L2 AR-1221-3	3.753	3.105	44044461	25503212	313.443	330.820
11)	L3 AR-1232-1	3.753	3.105	44044461	25503212	417.082	445.093
12)	L3 AR-1232-2	4.246	3.776	59470778	68077452	1005.404	1022.876
13)	L3 AR-1232-3	4.524	3.936	117.3E6	36345373	1037.537	1051.813
14)	L3 AR-1232-4	4.673	4.022	60673693	34775252	1070.717	1169.316
15)	L3 AR-1232-5	4.771	4.180	47796029	38436224	1193.409	1077.827
16)	L4 AR-1242-1	4.505	3.761	76860250	47046767	588.048	608.318
17)	L4 AR-1242-2	4.524	3.776	117.3E6	68077452	604.338	612.435
18)	L4 AR-1242-3	4.581	3.936	73585122	36345373	608.926	620.482
19)	L4 AR-1242-4	4.673	4.022	60673693	34775252	622.385	593.149
20)	L4 AR-1242-5	5.389	4.516	10486975	30716295	109.547	370.555 #
21)	L5 AR-1248-1	4.505	3.761	76860250	47046767	739.193	752.503
22)	L5 AR-1248-2	4.771	3.986	47796029	31414632	332.698	335.022
23)	L5 AR-1248-3	4.960	4.022	64244037	34775252	369.829	384.071
24)	L5 AR-1248-4	5.354	4.180	11767441	38436224	61.311	340.628 #
25)	L5 AR-1248-5	5.389	4.554	10486975	3910945	57.900	34.909 #
26)	L6 AR-1254-1	5.326	4.516	49125132	30716295	264.368	190.238 #
27)	L6 AR-1254-2	5.545	4.663	51356045	31065936	176.655	211.010
28)	L6 AR-1254-3	5.897	5.044	27716067	16867590	90.239	72.176
29)	L6 AR-1254-4	6.180	5.270	17833471	6522555	76.805	42.795 #
30)	L6 AR-1254-5	6.594	5.675	166.8E6	117.6E6	649.365	509.475
31)	L7 AR-1260-1	6.062	5.173	114.0E6	79051670	483.014	474.633
32)	L7 AR-1260-2	6.322	5.363	137.5E6	96117765	475.949	462.225
33)	L7 AR-1260-3	6.676	5.504	84736485	91125490	479.886	468.370
34)	L7 AR-1260-4	6.893	5.966	102.0E6	66609629	484.378	456.663
35)	L7 AR-1260-5	7.205	6.212	202.3E6	151.1E6	492.653	455.119
36)	L8 AR-1262-1	6.676	5.719	84736485	65967289	277.878	283.765
37)	L8 AR-1262-2	7.205	5.966	202.3E6	66609629	384.057	308.082
38)	L8 AR-1262-3	7.483	6.490	130.4E6	32049752	370.132	183.848 #
39)	L8 AR-1262-4	7.553	6.547	72437403	118.5E6	271.586	367.573 #
40)	L8 AR-1262-5	8.058	7.044	47667328	37748955	268.535	243.361
41)	L9 AR-1268-1	7.483	6.490	130.4E6	32049752	229.786	68.113 #

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 ALS Vial : 30 Sample Multiplier: 1

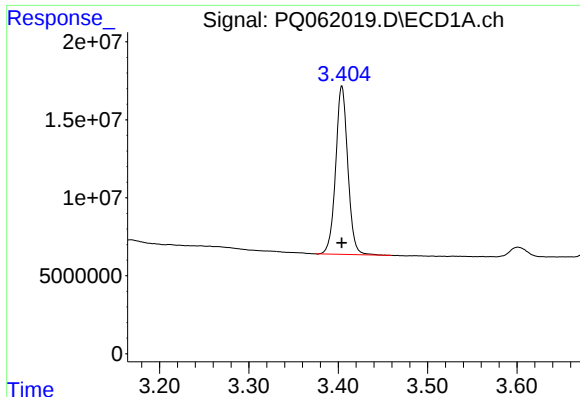
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:23:28 2023
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 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	7.553	6.547	72437403	118.5E6	142.070	279.599 #
43) L9	AR-1268-3	7.738	6.752	3701065	2850271	8.672	7.739
44) L9	AR-1268-4	8.058	7.044	47667328	37748955	260.498	236.025
45) L9	AR-1268-5	8.350	7.312	15479180	12743114	12.278	10.920

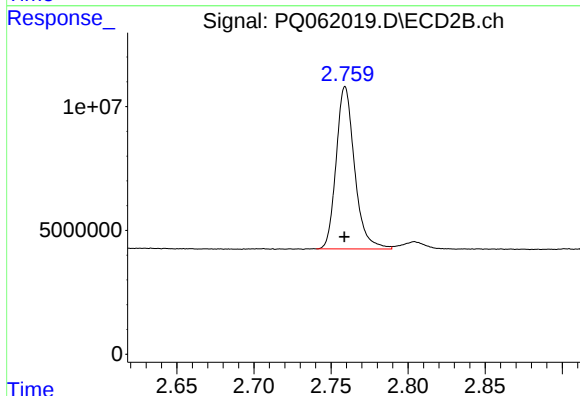
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

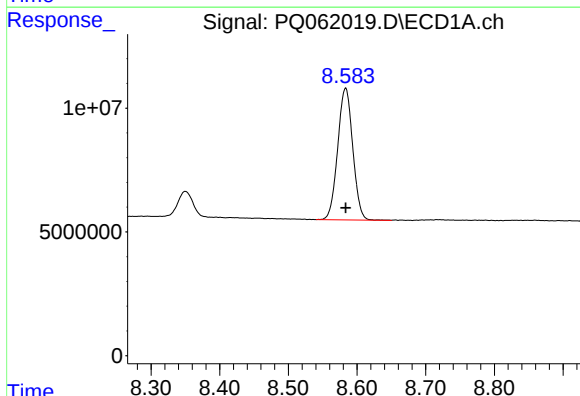
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 101907479
Conc: 20.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



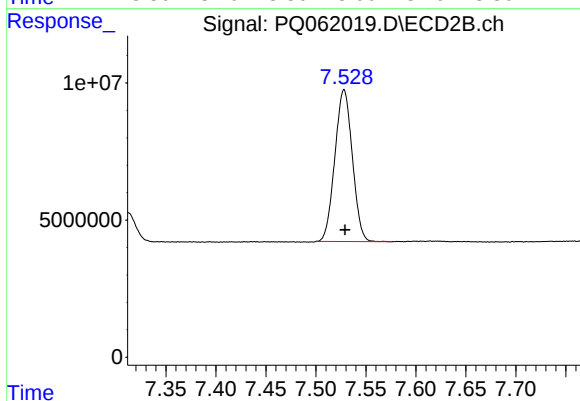
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 54515755
Conc: 21.73 ng/ml



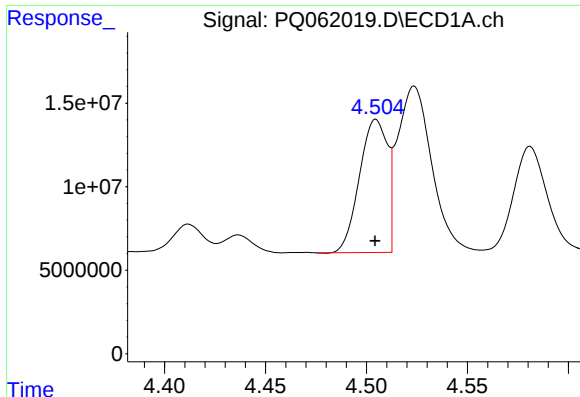
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 81225227
Conc: 22.36 ng/ml



#2 Decachlorobiphenyl

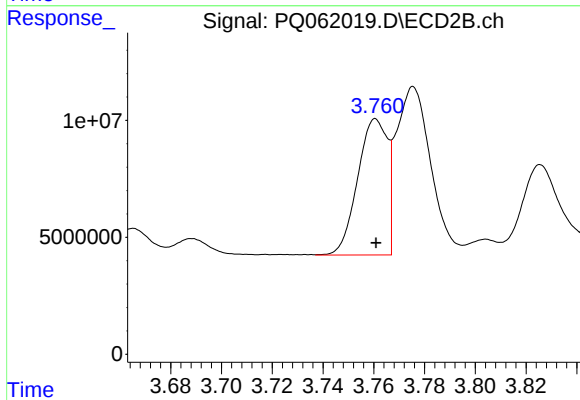
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 67316381
Conc: 20.20 ng/ml



#3 AR-1016-1

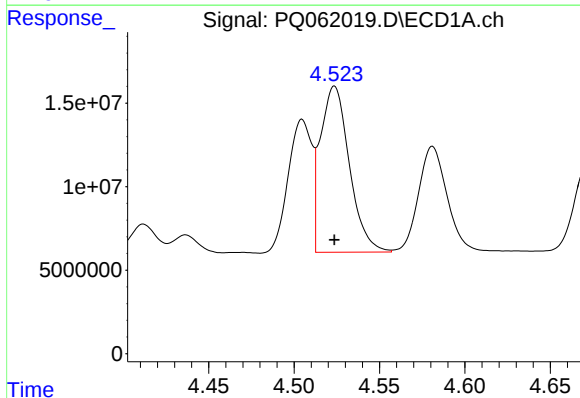
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 76860250
Conc: 466.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



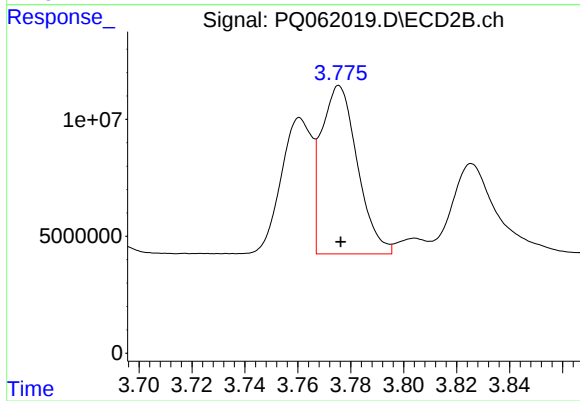
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47046767
Conc: 475.34 ng/ml



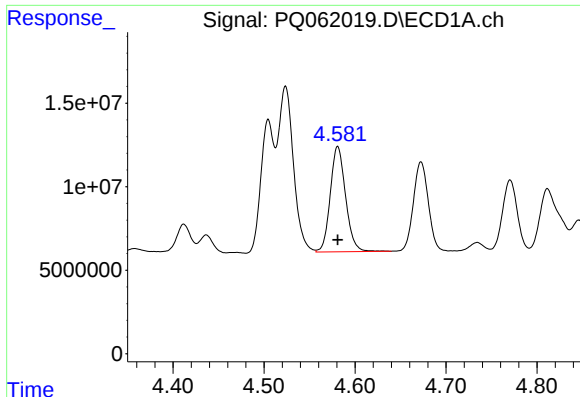
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 117325228
Conc: 474.49 ng/ml



#4 AR-1016-2

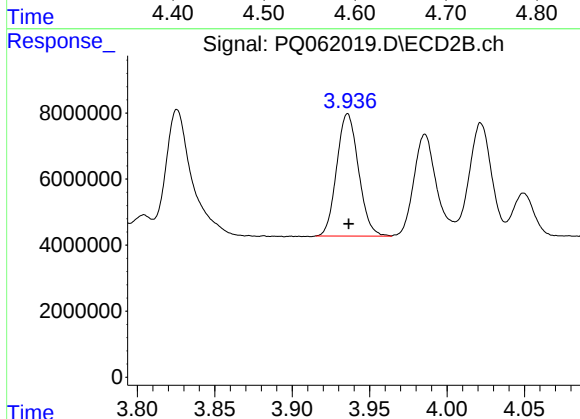
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 68077452
Conc: 472.11 ng/ml



#5 AR-1016-3

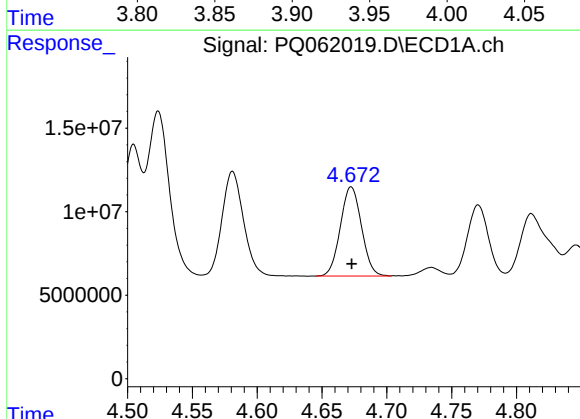
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 73585122
Conc: 482.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



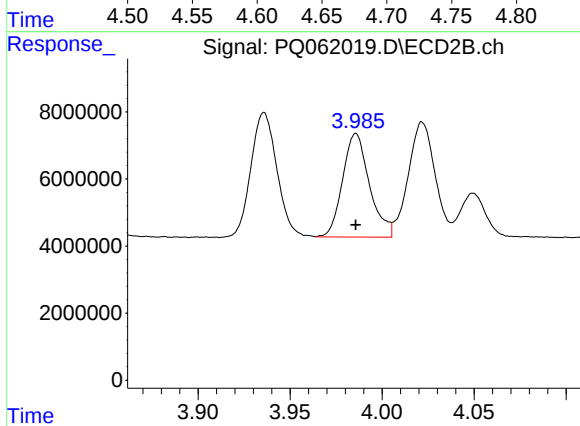
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 36345373
Conc: 481.76 ng/ml



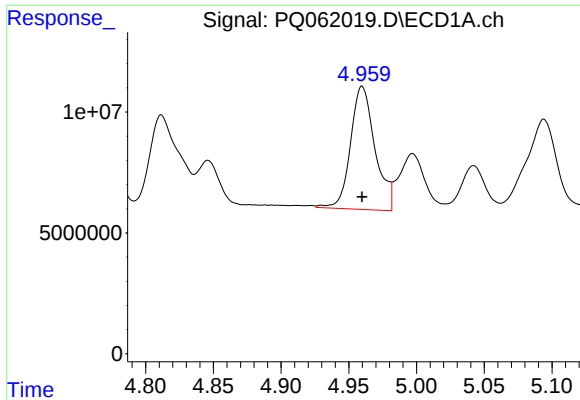
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 60673693
Conc: 484.05 ng/ml



#6 AR-1016-4

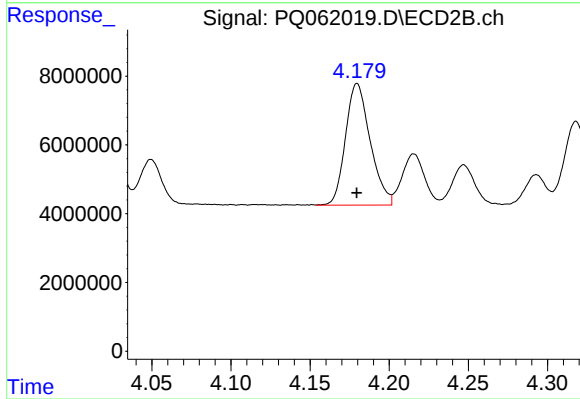
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 31414632
Conc: 478.30 ng/ml



#7 AR-1016-5

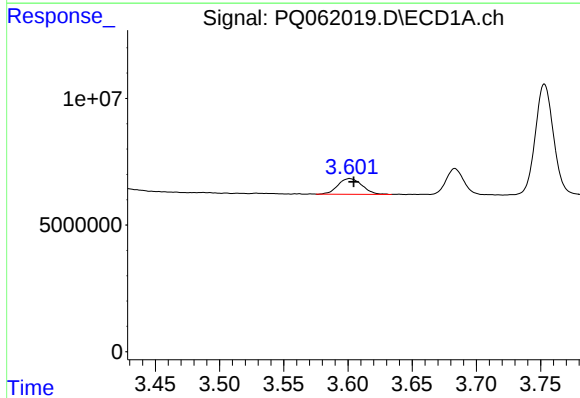
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 64244037
Conc: 527.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



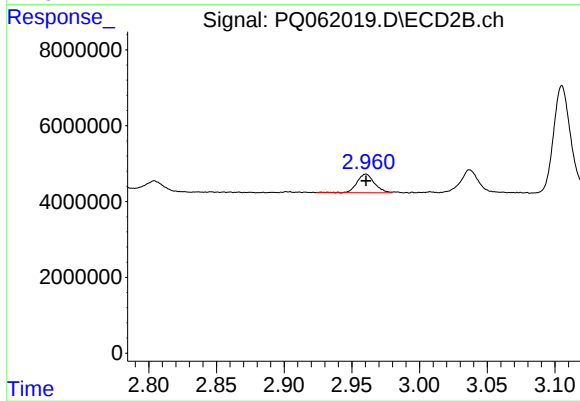
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 38436224
Conc: 468.84 ng/ml



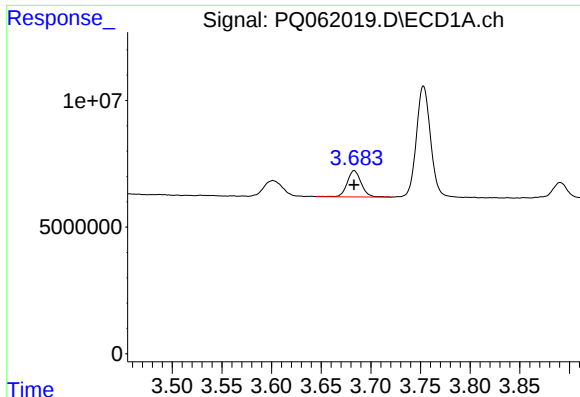
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 8133836
Conc: 135.32 ng/ml



#8 AR-1221-1

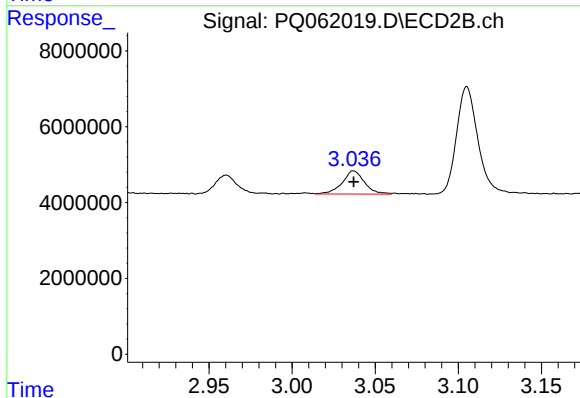
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 4416083
Conc: 133.83 ng/ml



#9 AR-1221-2

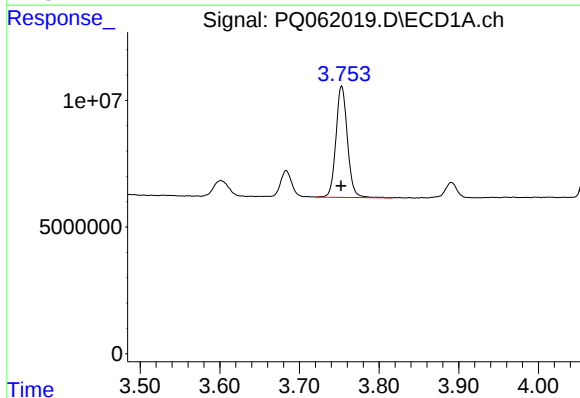
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 10293289
Conc: 229.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



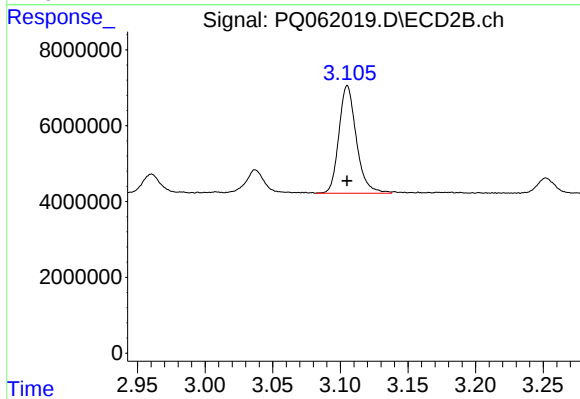
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 5696828
Conc: 224.28 ng/ml



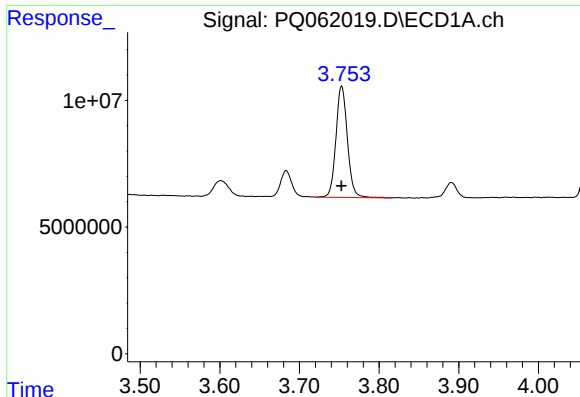
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 44044461
Conc: 313.44 ng/ml



#10 AR-1221-3

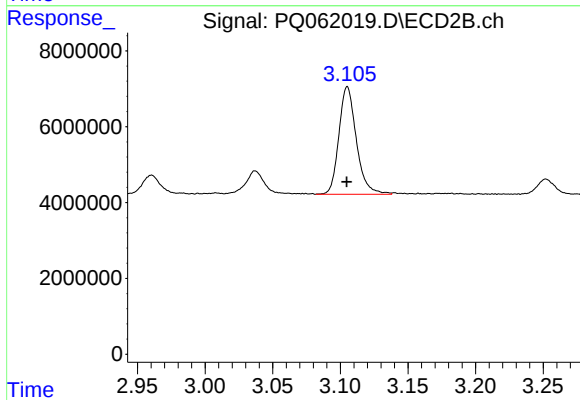
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 25503212
Conc: 330.82 ng/ml



#11 AR-1232-1

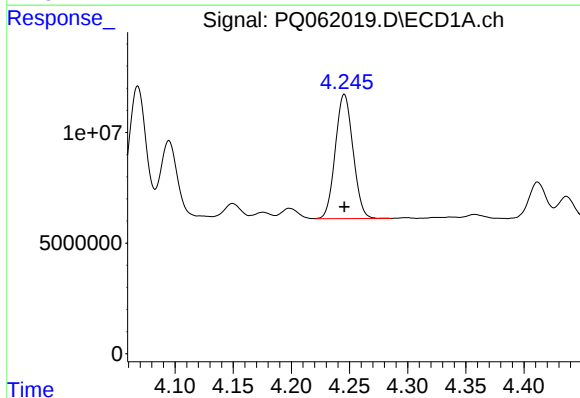
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 44044461
Conc: 417.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



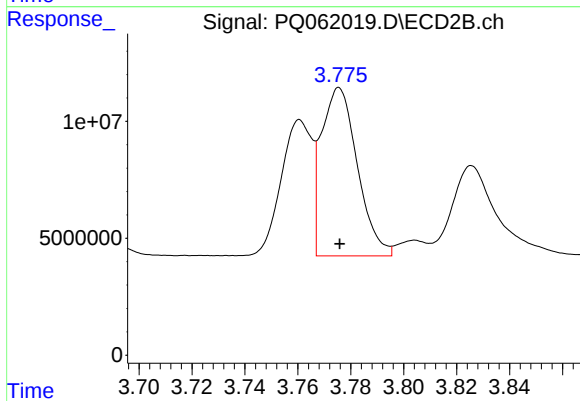
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 25503212
Conc: 445.09 ng/ml



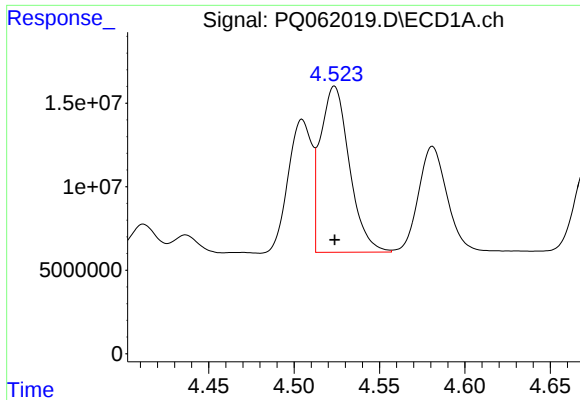
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 59470778
Conc: 1005.40 ng/ml



#12 AR-1232-2

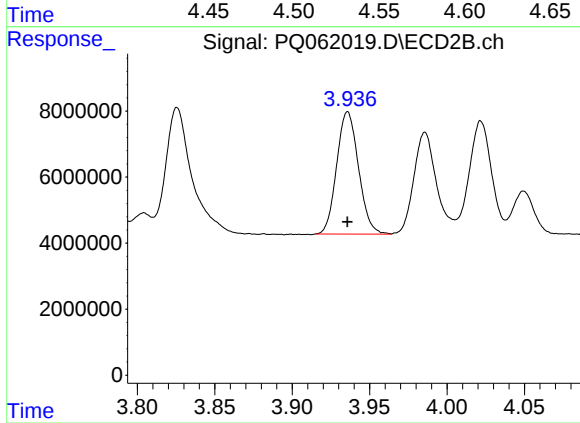
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 68077452
Conc: 1022.88 ng/ml



#13 AR-1232-3

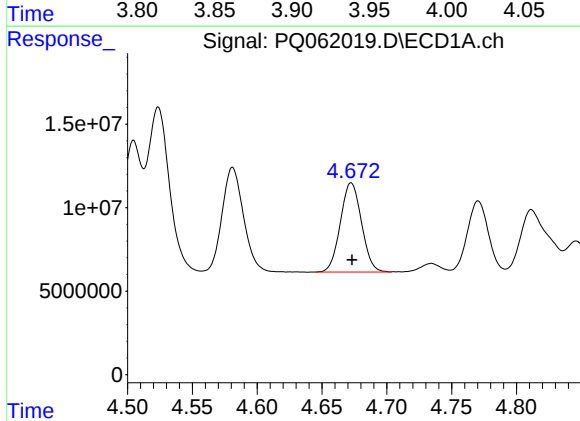
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 117325228
Conc: 1037.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



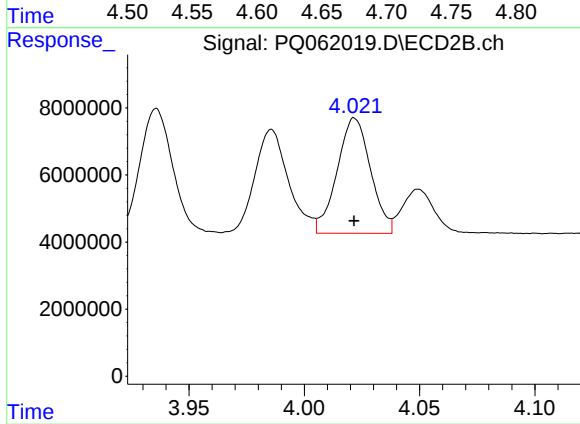
#13 AR-1232-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 36345373
Conc: 1051.81 ng/ml



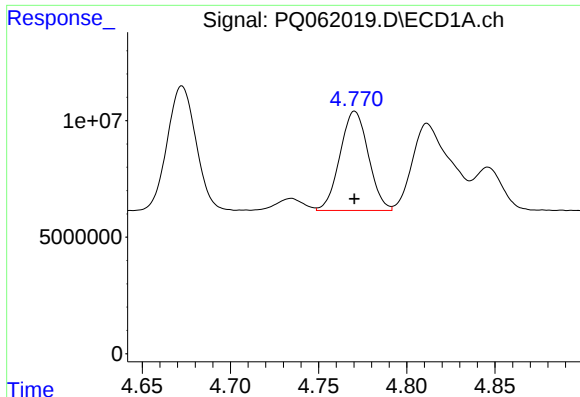
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 60673693
Conc: 1070.72 ng/ml



#14 AR-1232-4

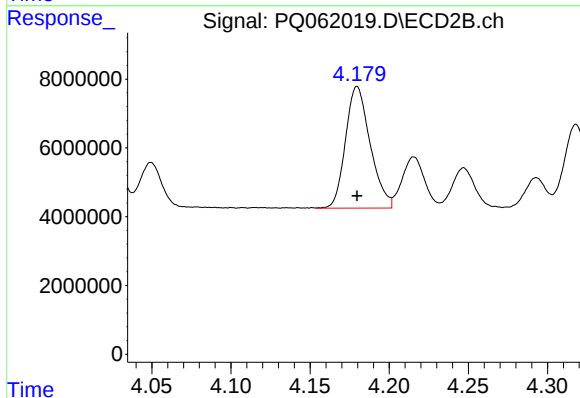
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 34775252
Conc: 1169.32 ng/ml



#15 AR-1232-5

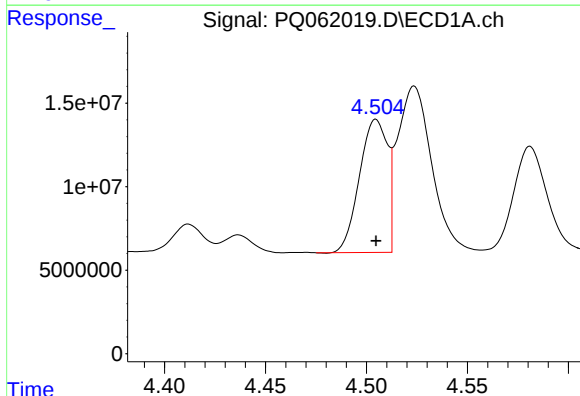
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 47796029
Conc: 1193.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



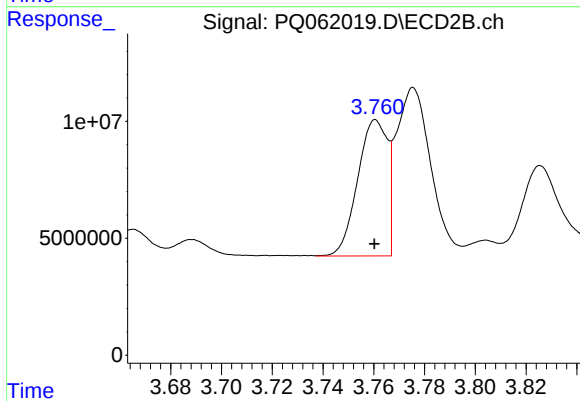
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 38436224
Conc: 1077.83 ng/ml



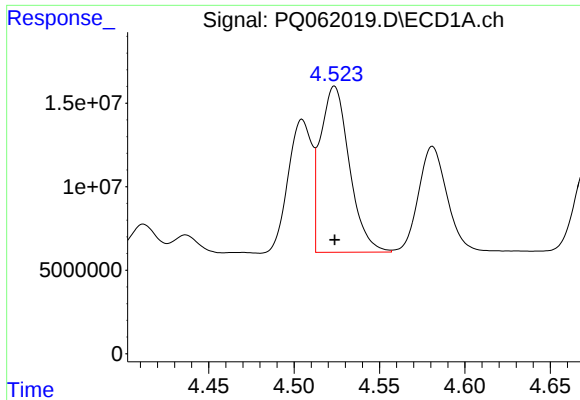
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 76860250
Conc: 588.05 ng/ml



#16 AR-1242-1

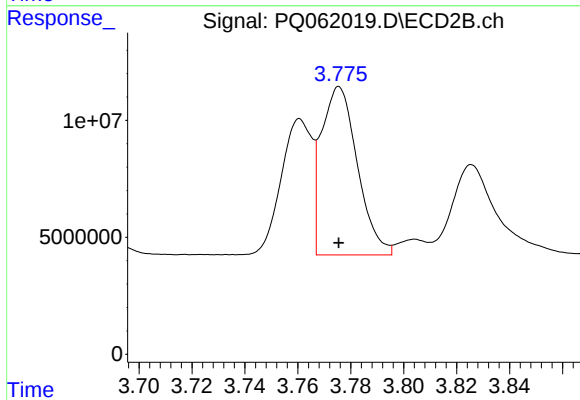
R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47046767
Conc: 608.32 ng/ml



#17 AR-1242-2

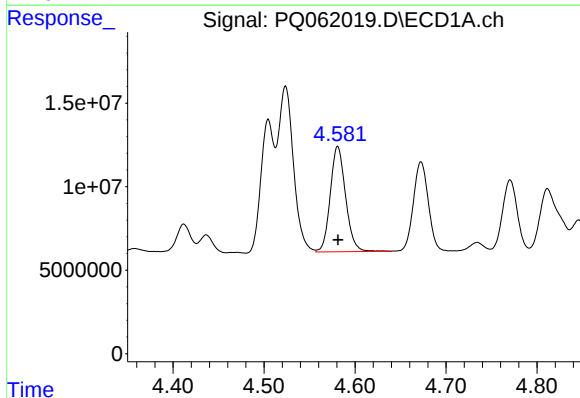
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 117325228
Conc: 604.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



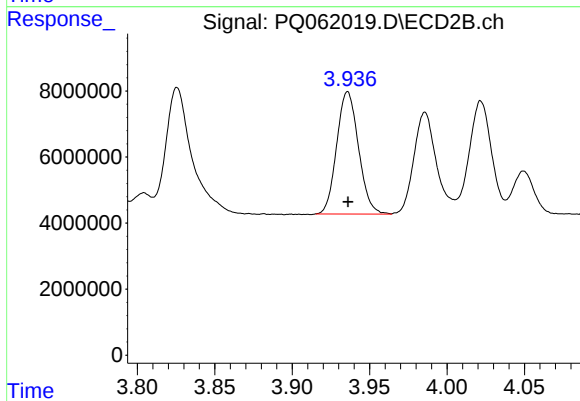
#17 AR-1242-2

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 68077452
Conc: 612.43 ng/ml



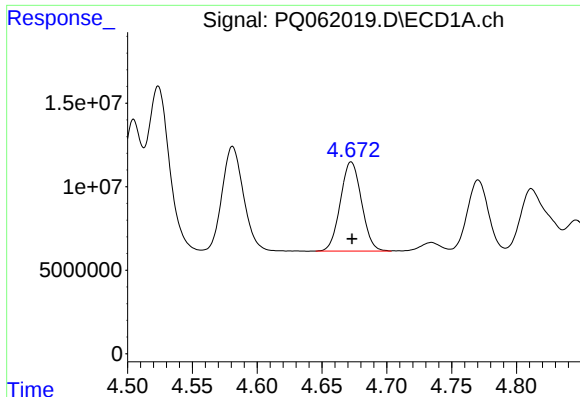
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 73585122
Conc: 608.93 ng/ml



#18 AR-1242-3

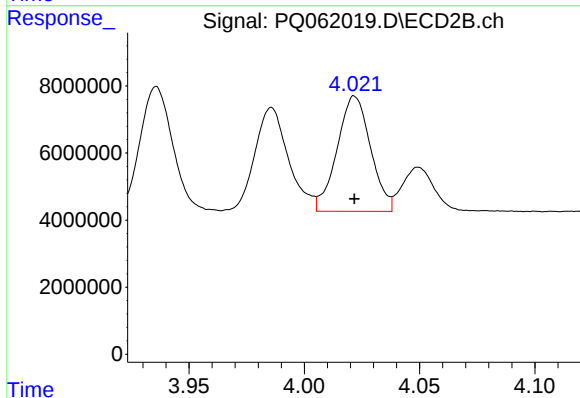
R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 36345373
Conc: 620.48 ng/ml



#19 AR-1242-4

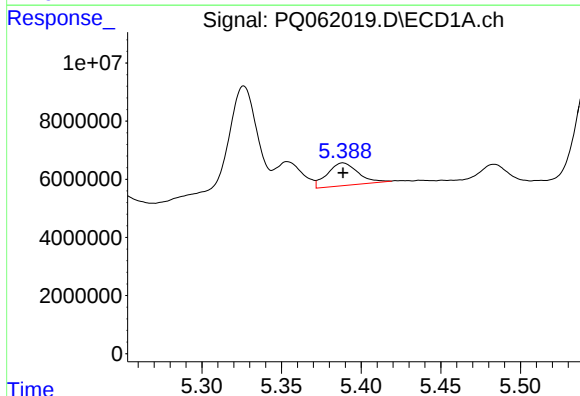
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 60673693
Conc: 622.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



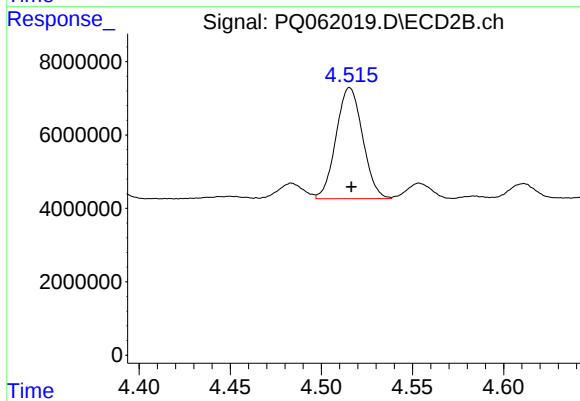
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 34775252
Conc: 593.15 ng/ml



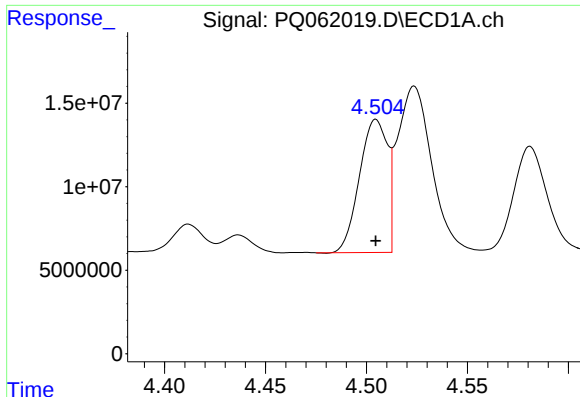
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 10486975
Conc: 109.55 ng/ml



#20 AR-1242-5

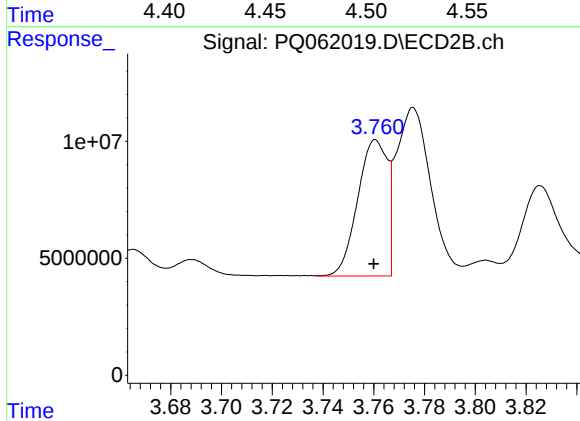
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 30716295
Conc: 370.56 ng/ml



#21 AR-1248-1

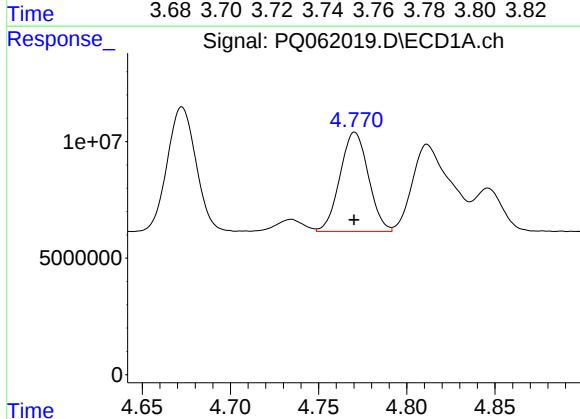
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 76860250
Conc: 739.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



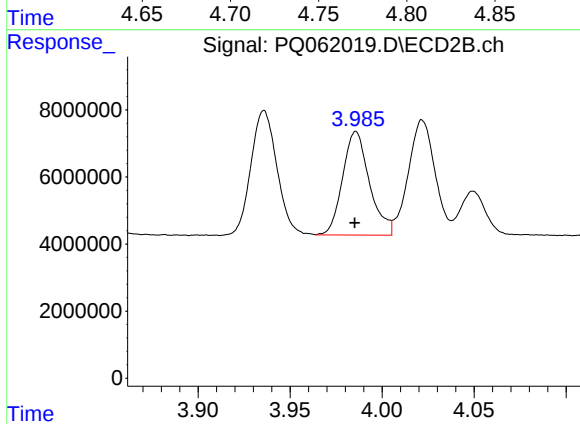
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 47046767
Conc: 752.50 ng/ml



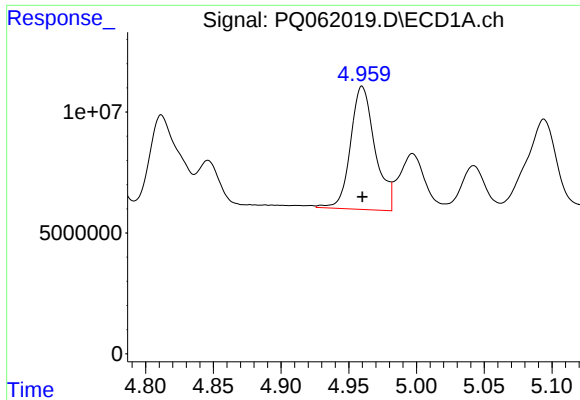
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 47796029
Conc: 332.70 ng/ml



#22 AR-1248-2

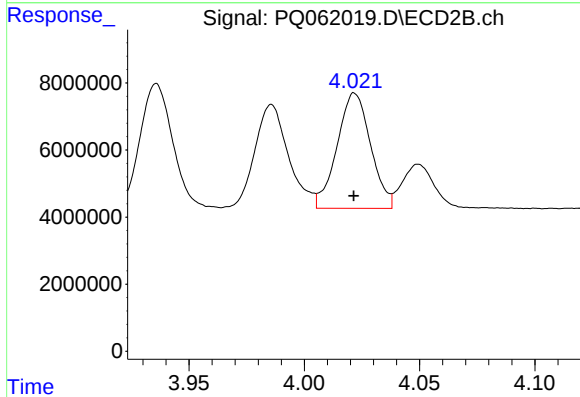
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 31414632
Conc: 335.02 ng/ml



#23 AR-1248-3

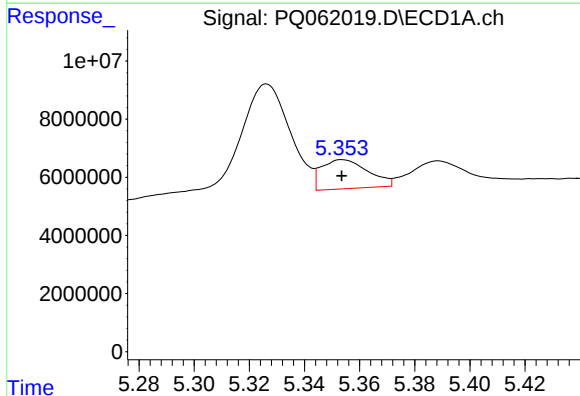
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 64244037
Conc: 369.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



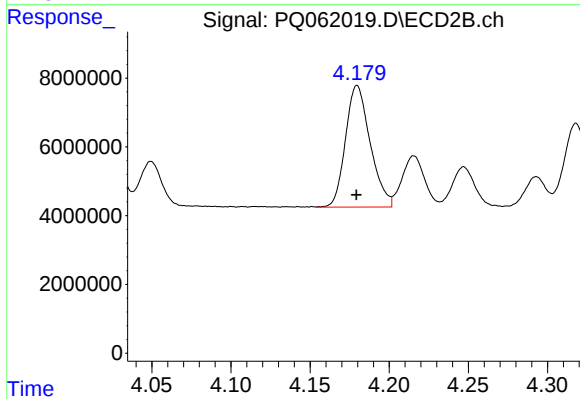
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 34775252
Conc: 384.07 ng/ml



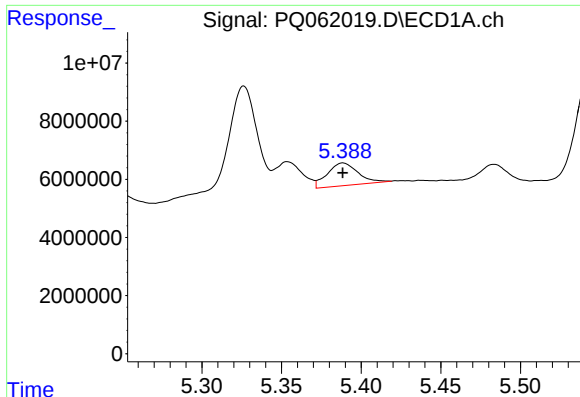
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 11767441
Conc: 61.31 ng/ml



#24 AR-1248-4

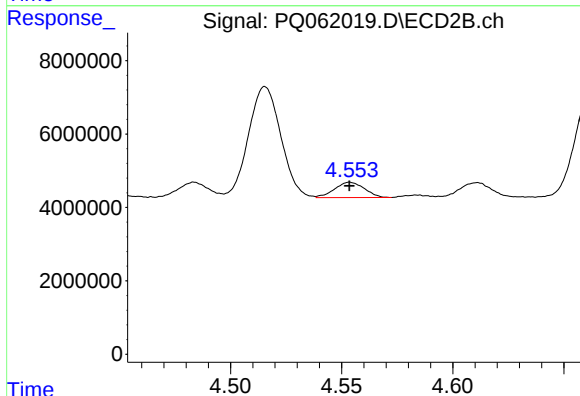
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 38436224
Conc: 340.63 ng/ml



#25 AR-1248-5

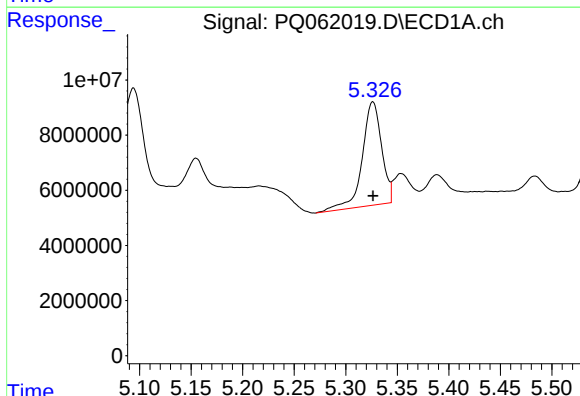
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 10486975
Conc: 57.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



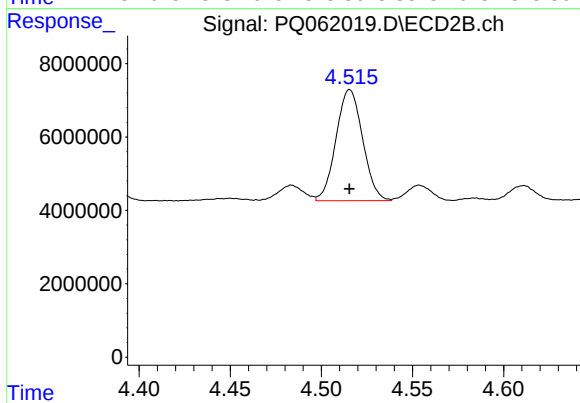
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 3910945
Conc: 34.91 ng/ml



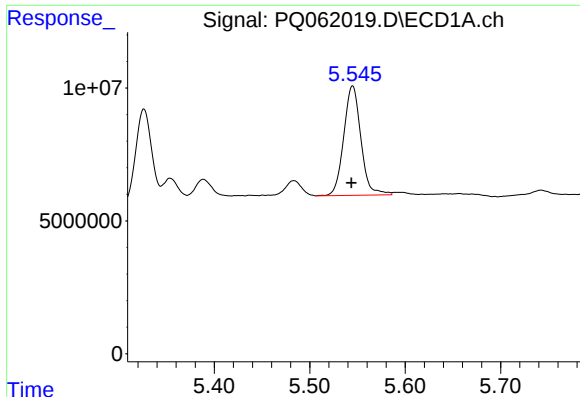
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 49125132
Conc: 264.37 ng/ml



#26 AR-1254-1

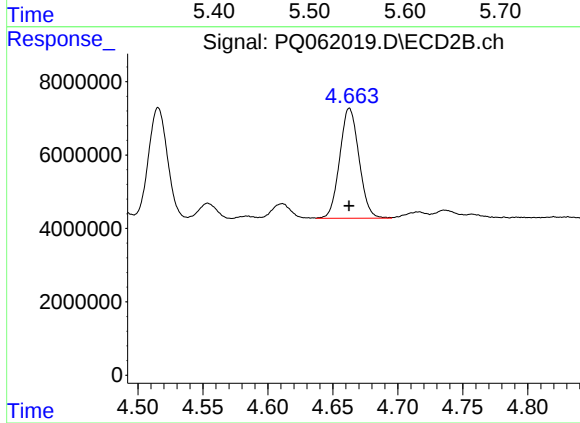
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 30716295
Conc: 190.24 ng/ml



#27 AR-1254-2

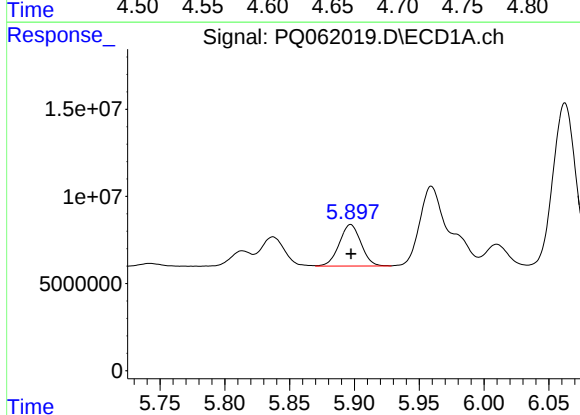
R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 51356045
Conc: 176.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



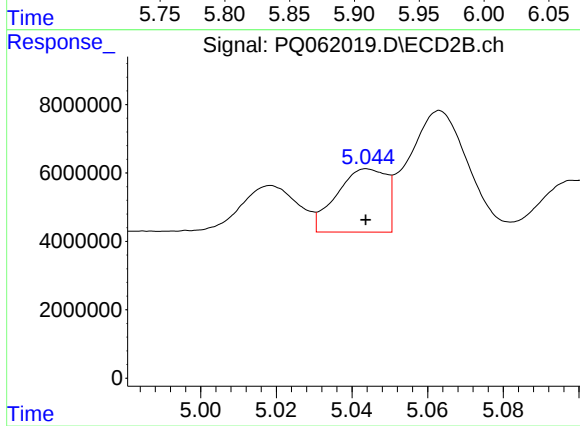
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 31065936
Conc: 211.01 ng/ml



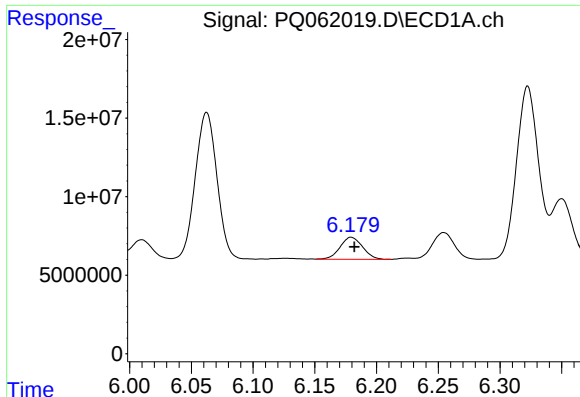
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 27716067
Conc: 90.24 ng/ml



#28 AR-1254-3

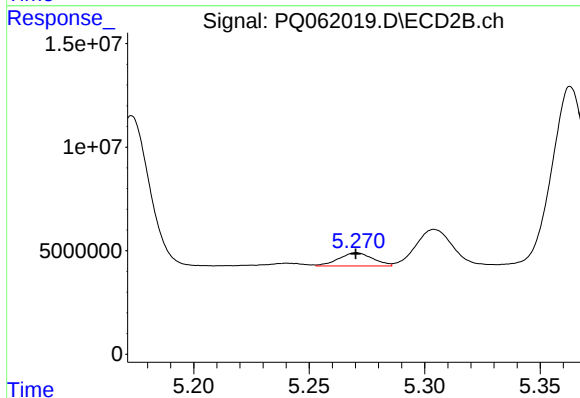
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 16867590
Conc: 72.18 ng/ml



#29 AR-1254-4

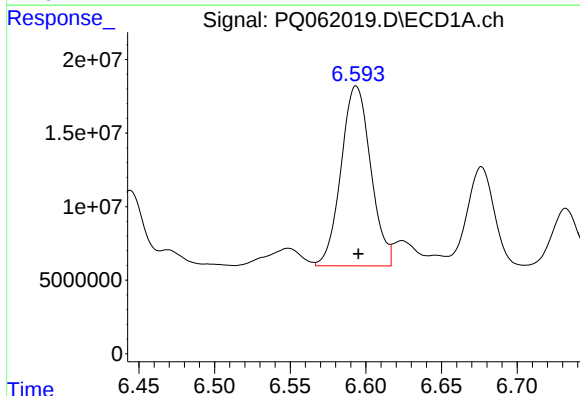
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 17833471
Conc: 76.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



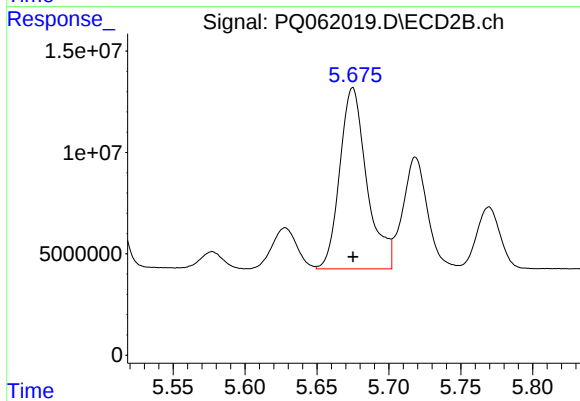
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 6522555
Conc: 42.79 ng/ml



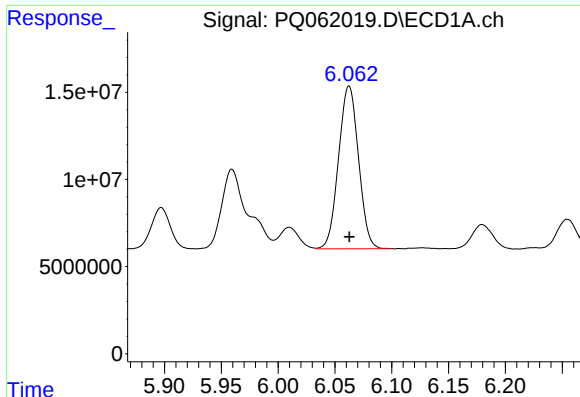
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 166802461
Conc: 649.36 ng/ml



#30 AR-1254-5

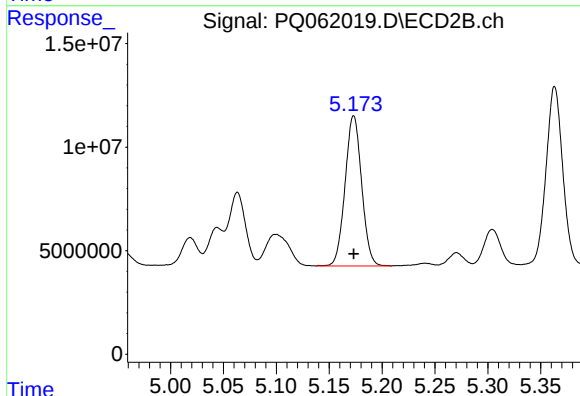
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 117584906
Conc: 509.47 ng/ml



#31 AR-1260-1

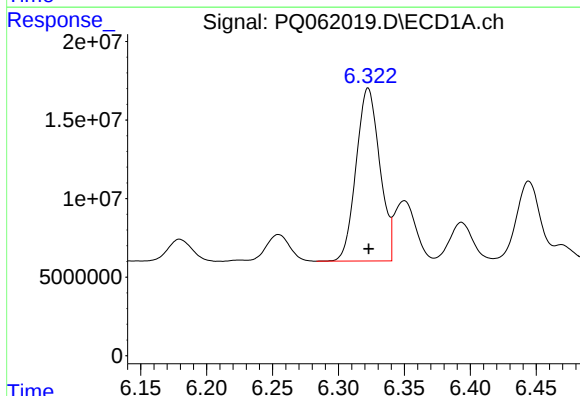
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 113958180
Conc: 483.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



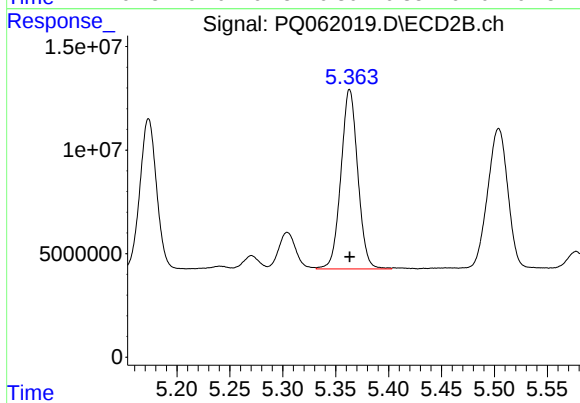
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 79051670
Conc: 474.63 ng/ml



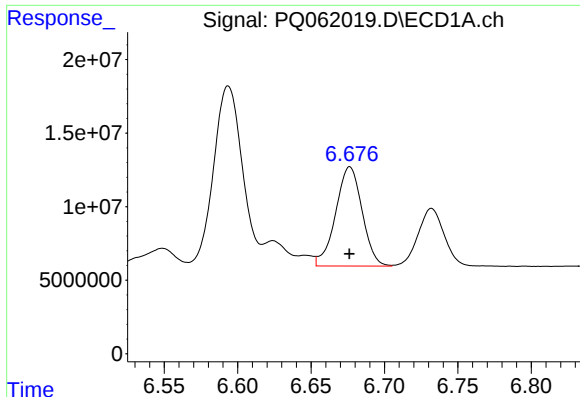
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 137459883
Conc: 475.95 ng/ml



#32 AR-1260-2

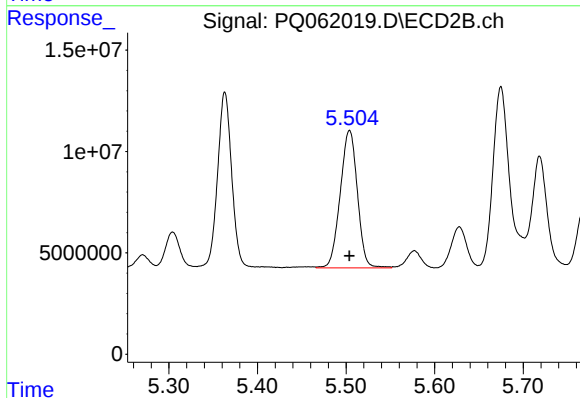
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 96117765
Conc: 462.22 ng/ml



#33 AR-1260-3

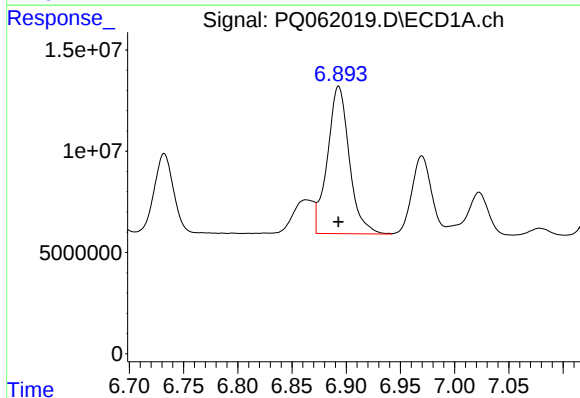
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 84736485
Conc: 479.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



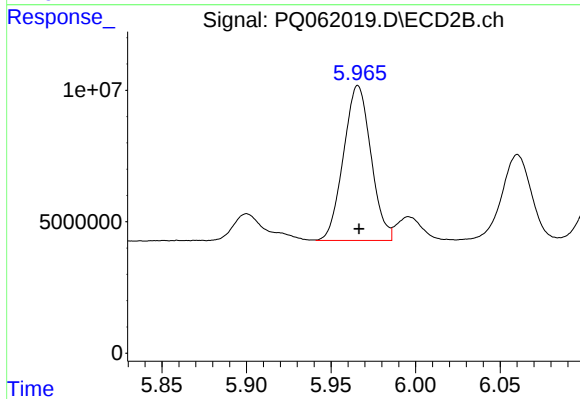
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 91125490
Conc: 468.37 ng/ml



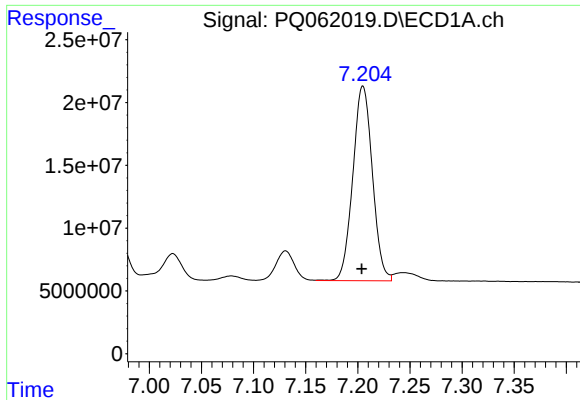
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 102034191
Conc: 484.38 ng/ml



#34 AR-1260-4

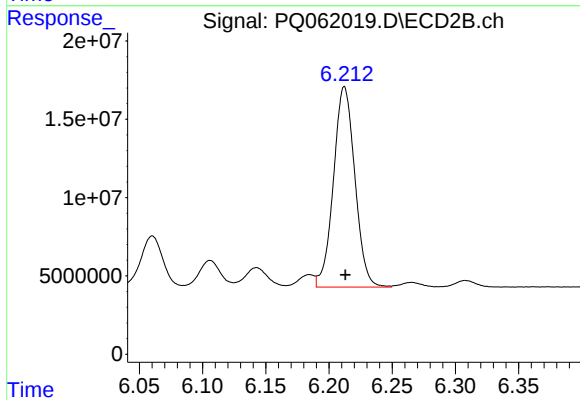
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 66609629
Conc: 456.66 ng/ml



#35 AR-1260-5

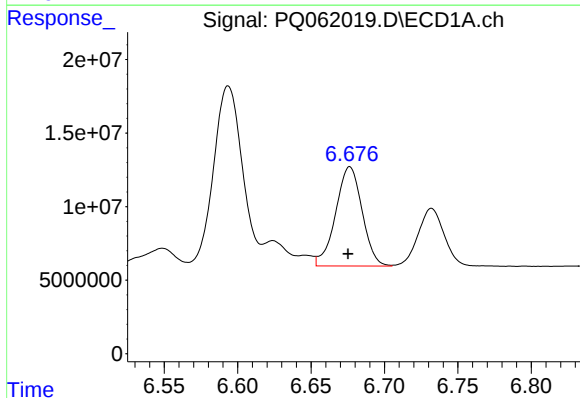
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 202287890
Conc: 492.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



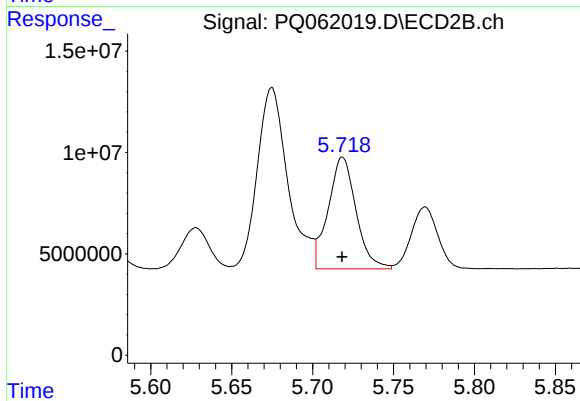
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 151126509
Conc: 455.12 ng/ml



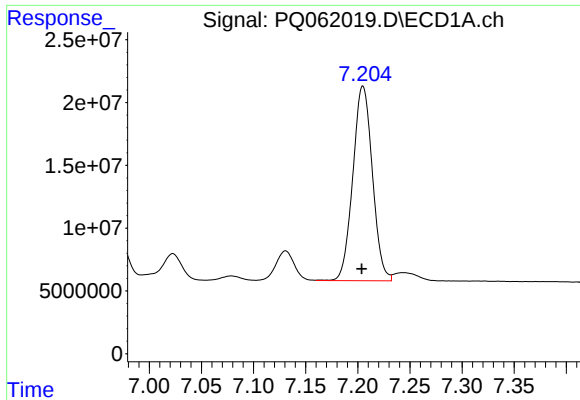
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 84736485
Conc: 277.88 ng/ml



#36 AR-1262-1

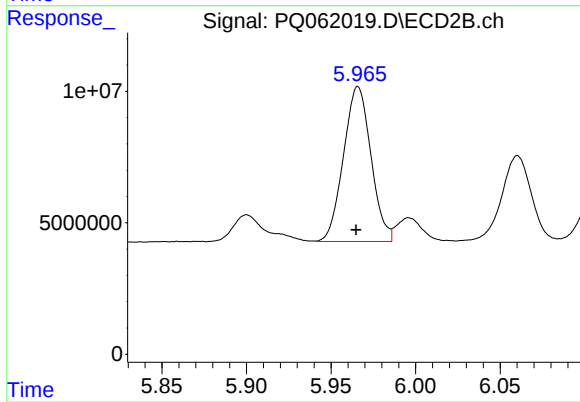
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 65967289
Conc: 283.76 ng/ml



#37 AR-1262-2

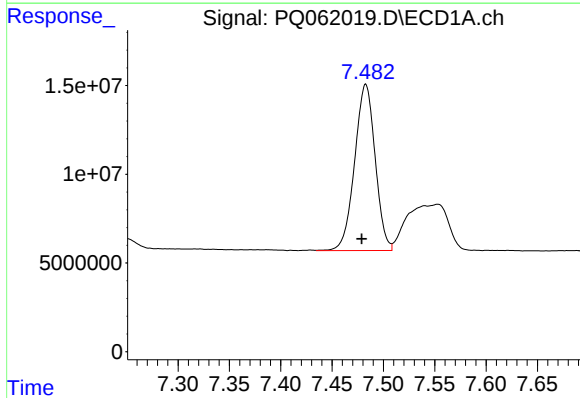
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 202287890
Conc: 384.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



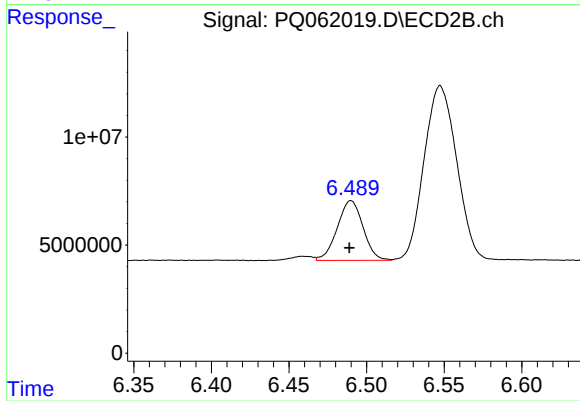
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.001 min
Response: 66609629
Conc: 308.08 ng/ml



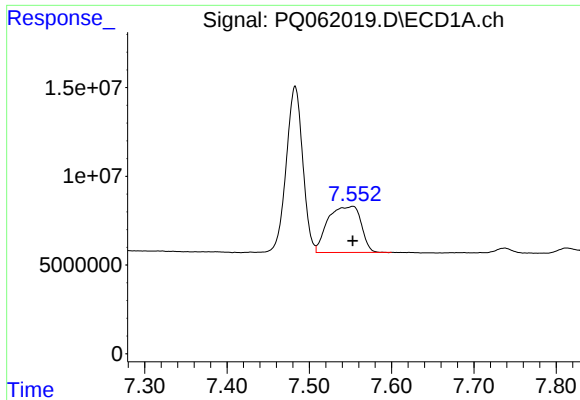
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 130398751
Conc: 370.13 ng/ml



#38 AR-1262-3

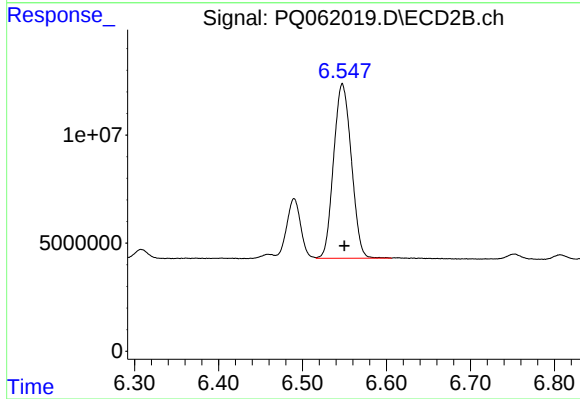
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 32049752
Conc: 183.85 ng/ml



#39 AR-1262-4

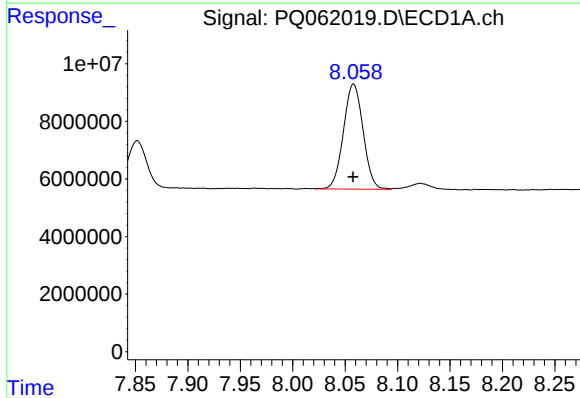
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 72437403
Conc: 271.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



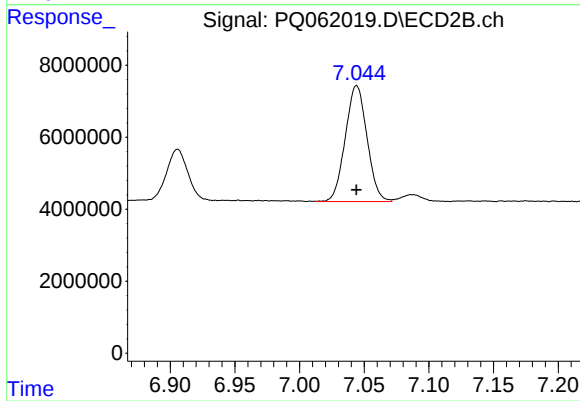
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: -0.002 min
Response: 118466713
Conc: 367.57 ng/ml



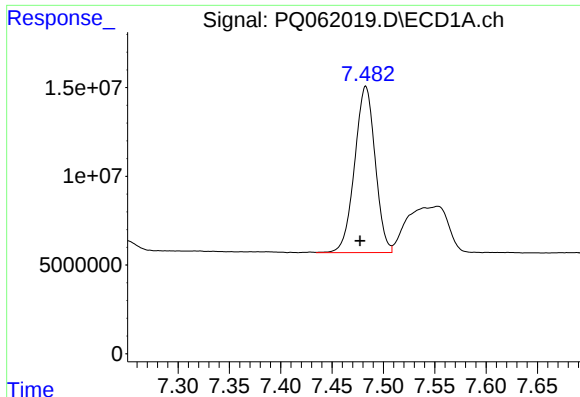
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 47667328
Conc: 268.53 ng/ml



#40 AR-1262-5

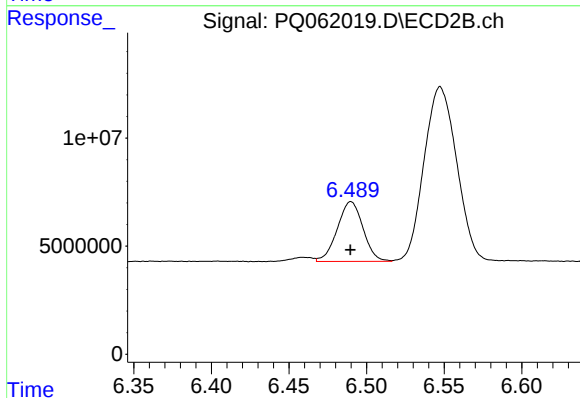
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 37748955
Conc: 243.36 ng/ml



#41 AR-1268-1

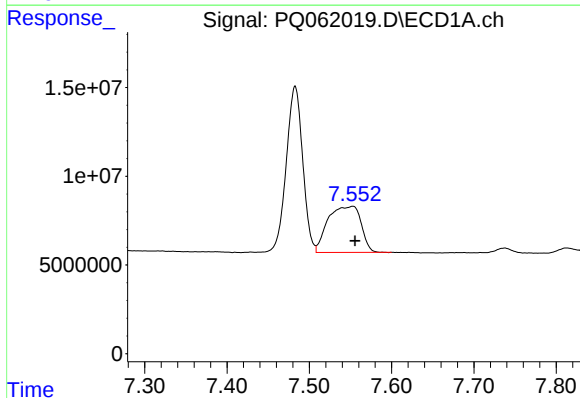
R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 130398751
Conc: 229.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



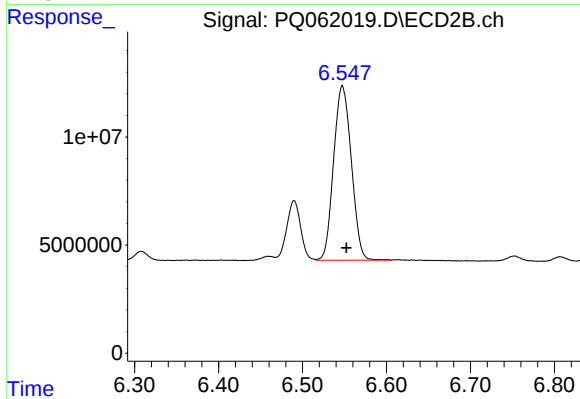
#41 AR-1268-1

R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 32049752
Conc: 68.11 ng/ml



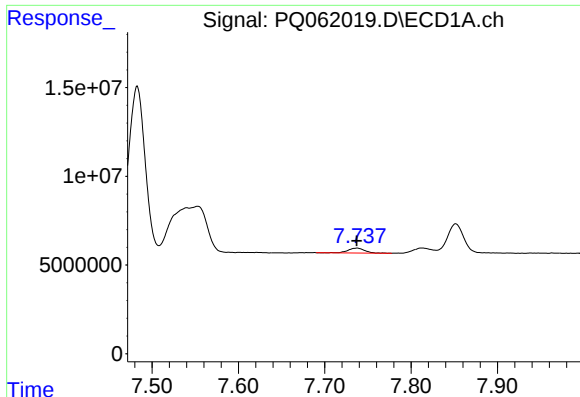
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 72437403
Conc: 142.07 ng/ml



#42 AR-1268-2

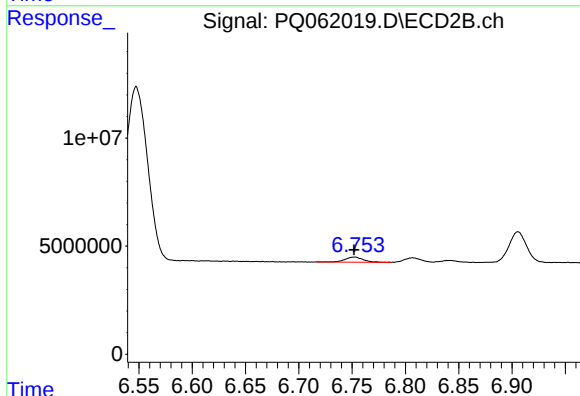
R.T.: 6.547 min
Delta R.T.: -0.005 min
Response: 118466713
Conc: 279.60 ng/ml



#43 AR-1268-3

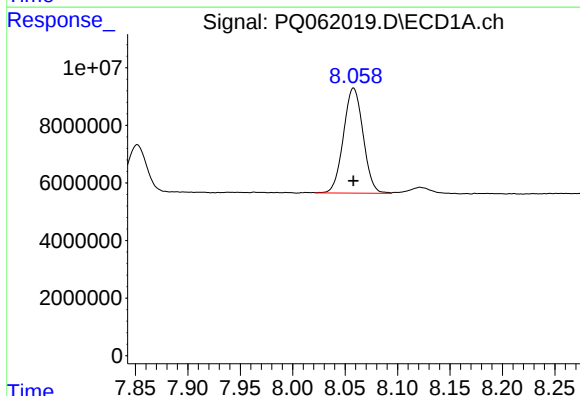
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 3701065
Conc: 8.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



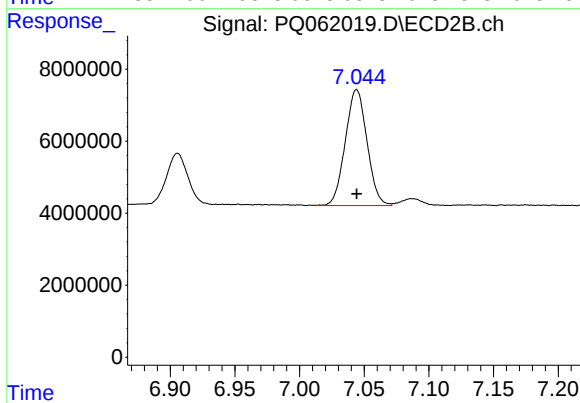
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2850271
Conc: 7.74 ng/ml



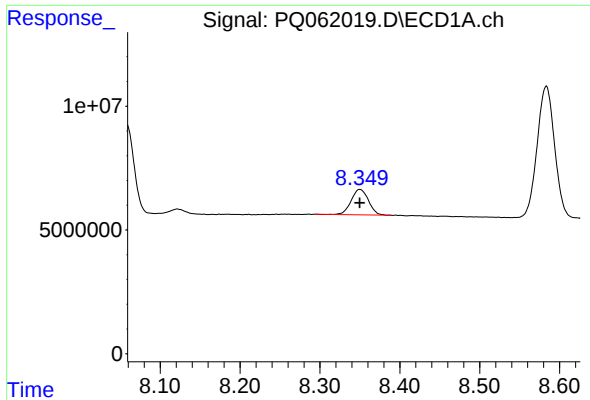
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 47667328
Conc: 260.50 ng/ml



#44 AR-1268-4

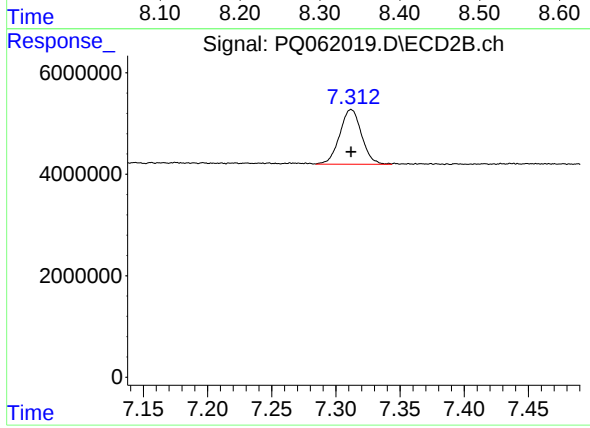
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 37748955
Conc: 236.02 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 15479180
Conc: 12.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 12743114
Conc: 10.92 ng/ml