

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071323\
 Data File : PQ062199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 15:26
 Operator : YP\AJ
 Sample : PB154158BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 22:57:23 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	2.758	98221541	52769711	20.135	21.031
2)	SA Decachlor...	8.585	7.528	77654846	67217267	21.376	20.172
Target Compounds							
3)	L1 AR-1016-1	4.504	3.760	78050537	45782298	473.844	462.562
4)	L1 AR-1016-2	4.523	3.775	117.5E6	65887638	475.133	456.922
5)	L1 AR-1016-3	4.581	3.935	72559631	35315892	476.095	468.116
6)	L1 AR-1016-4	4.672	3.984	58940869	30785859	470.228	468.731
7)	L1 AR-1016-5	4.960	4.178	58223740	37908394	478.354	462.401
8)	L2 AR-1221-1	3.600	2.959	8346110	4498474	138.852	136.332
9)	L2 AR-1221-2	3.683	3.036	10416450	5634038	231.824	221.812
10)	L2 AR-1221-3	3.753	3.104	43258832	24999442	307.852	324.285
11)	L3 AR-1232-1	3.753	3.104	43258832	24999442	409.643	436.301
12)	L3 AR-1232-2	4.245	3.775	59004582	65887638	997.522	989.973
13)	L3 AR-1232-3	4.523	3.935	117.5E6	35315892	1038.952	1022.021
14)	L3 AR-1232-4	4.672	4.021	58940869	33909686	1040.137	1140.211
15)	L3 AR-1232-5	4.770	4.178	46123537	37908394	1151.649	1063.026
16)	L4 AR-1242-1	4.504	3.760	78050537	45782298	597.155	591.969
17)	L4 AR-1242-2	4.523	3.775	117.5E6	65887638	605.163	592.735
18)	L4 AR-1242-3	4.581	3.935	72559631	35315892	600.440	602.907
19)	L4 AR-1242-4	4.672	4.021	58940869	33909686	604.610	578.385
20)	L4 AR-1242-5	5.389	4.514	8601017	30594650	89.847	369.088 #
21)	L5 AR-1248-1	4.504	3.760	78050537	45782298	750.640	732.278
22)	L5 AR-1248-2	4.770	3.984	46123537	30785859	321.056	328.317
23)	L5 AR-1248-3	4.960	4.021	58223740	33909686	335.172	374.512
24)	L5 AR-1248-4	5.354	4.178	9474433	37908394	49.364	335.950 #
25)	L5 AR-1248-5	5.389	4.553	8601017	4302334	47.487	38.403
26)	L6 AR-1254-1	5.326	4.514	46174527	30594650	248.489	189.484
27)	L6 AR-1254-2	5.545	4.662	51686967	29782824	177.794	202.295
28)	L6 AR-1254-3	5.897	5.043	27518757	16311591	89.597	69.797
29)	L6 AR-1254-4	6.180	5.270	17732254	8398751	76.369	55.105 #
30)	L6 AR-1254-5	6.594	5.674	166.6E6	118.3E6	648.590	512.501
31)	L7 AR-1260-1	6.062	5.172	114.1E6	80233391	483.693	481.728
32)	L7 AR-1260-2	6.323	5.361	137.1E6	99413408	474.733	478.073
33)	L7 AR-1260-3	6.677	5.502	86475777	91031892	489.736	467.889
34)	L7 AR-1260-4	6.893	5.965	104.1E6	68480535	494.122	469.490
35)	L7 AR-1260-5	7.205	6.211	201.8E6	153.7E6	491.476	462.955
36)	L8 AR-1262-1	6.677	5.717	86475777	68055246	283.581	292.747
37)	L8 AR-1262-2	7.205	5.965	201.8E6	68480535	383.139	316.736
38)	L8 AR-1262-3	7.484	6.488	128.5E6	32965243	364.826	189.099 #
39)	L8 AR-1262-4	7.555	6.546	33050369	121.8E6	123.914	377.988 #
40)	L8 AR-1262-5	8.060	7.044	46055400	39033418	259.454	251.642
41)	L9 AR-1268-1	7.484	6.488	128.5E6	32965243	226.492	70.059 #

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 ALS Vial : 21 Sample Multiplier: 1

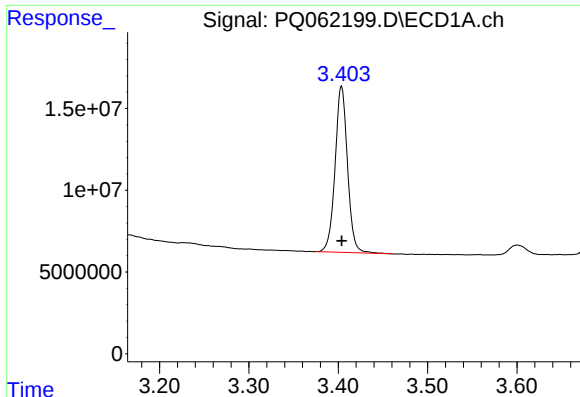
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 22:57:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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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	7.555	6.546	33050369	121.8E6	64.821	287.521 #
43) L9	AR-1268-3	7.738	6.751	3564474	3627578	8.352	9.849
44) L9	AR-1268-4	8.060	7.044	46055400	39033418	251.689	244.056
45) L9	AR-1268-5	8.352	7.312	14429687	13567579	11.445	11.626

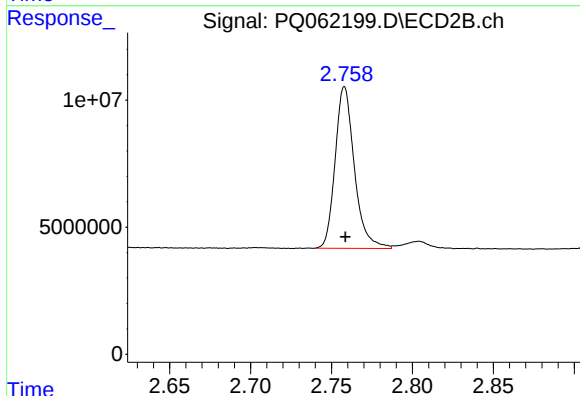
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

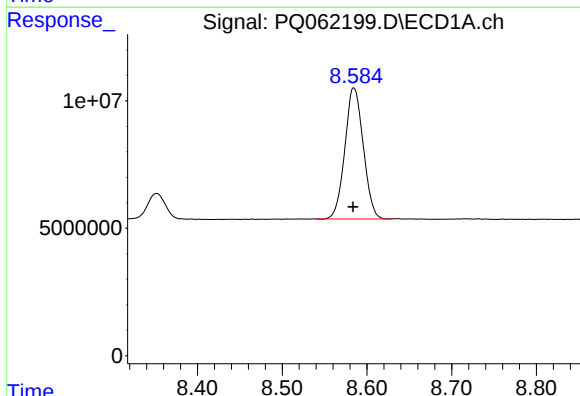
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 98221541
Conc: 20.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



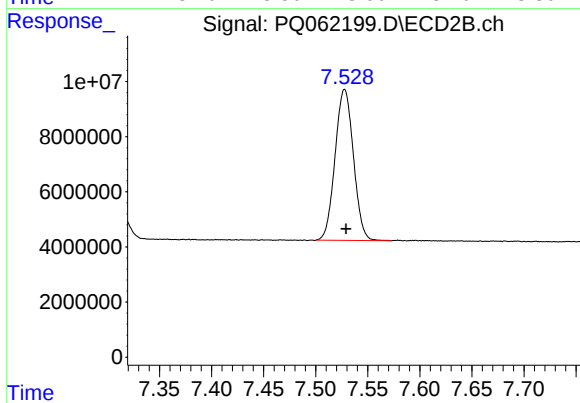
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 52769711
Conc: 21.03 ng/ml



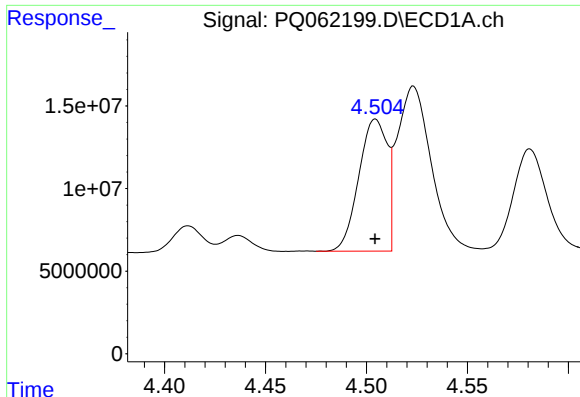
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 77654846
Conc: 21.38 ng/ml



#2 Decachlorobiphenyl

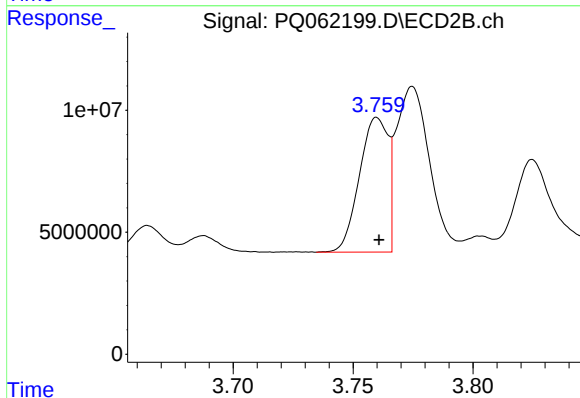
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 67217267
Conc: 20.17 ng/ml



#3 AR-1016-1

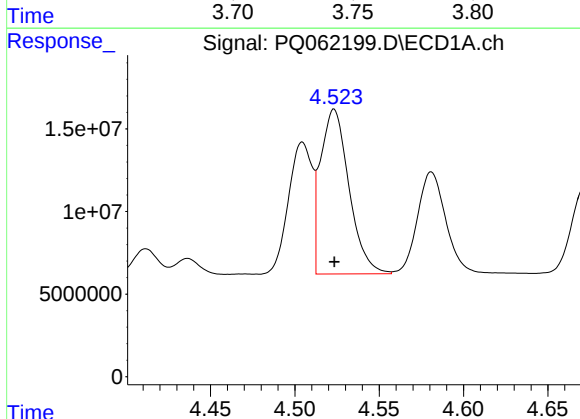
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 78050537
Conc: 473.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



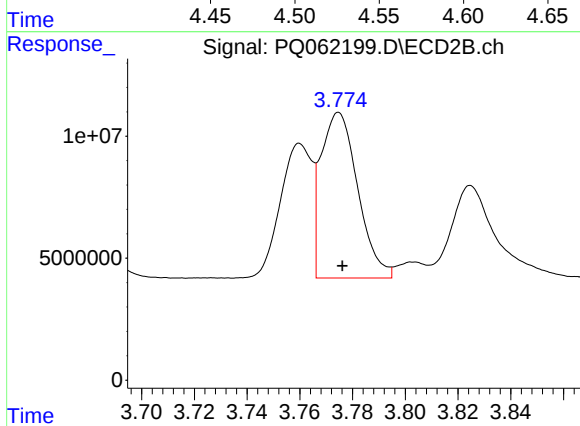
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 45782298
Conc: 462.56 ng/ml



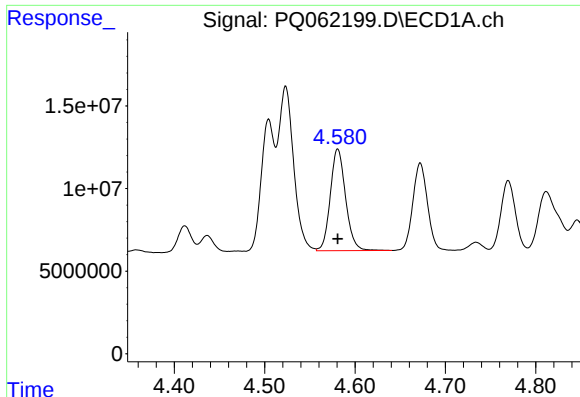
#4 AR-1016-2

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 117485309
Conc: 475.13 ng/ml



#4 AR-1016-2

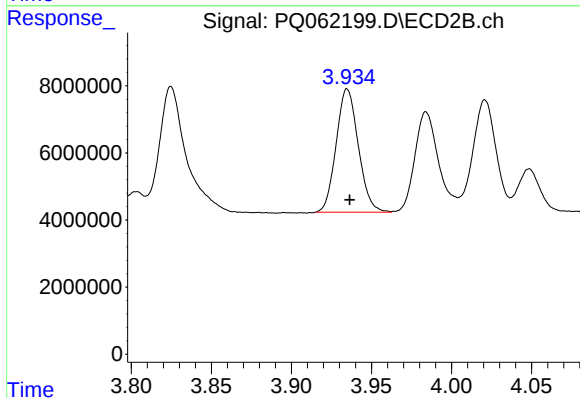
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 65887638
Conc: 456.92 ng/ml



#5 AR-1016-3

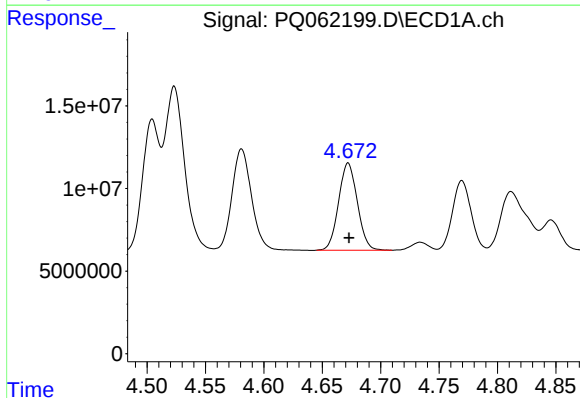
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 72559631
Conc: 476.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



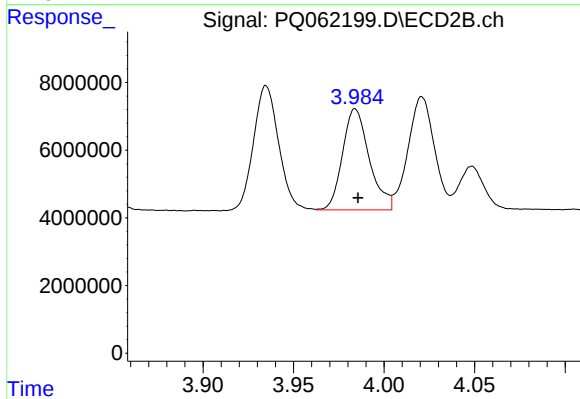
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 35315892
Conc: 468.12 ng/ml



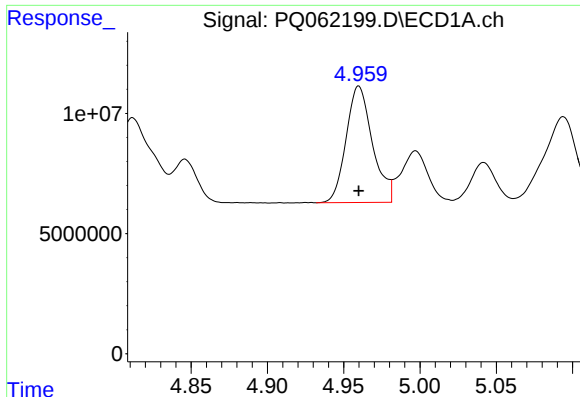
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 58940869
Conc: 470.23 ng/ml



#6 AR-1016-4

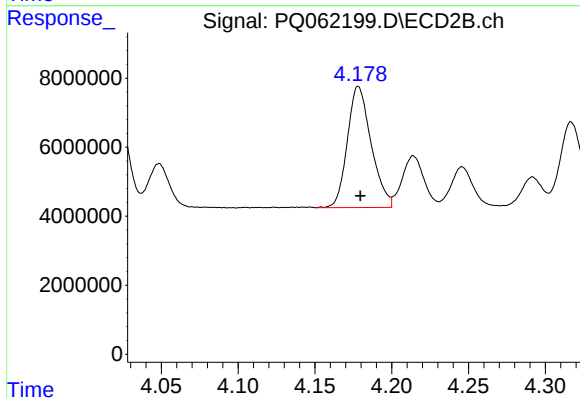
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 30785859
Conc: 468.73 ng/ml



#7 AR-1016-5

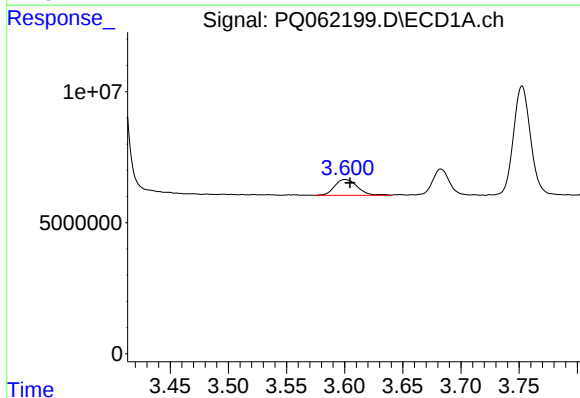
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 58223740
Conc: 478.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



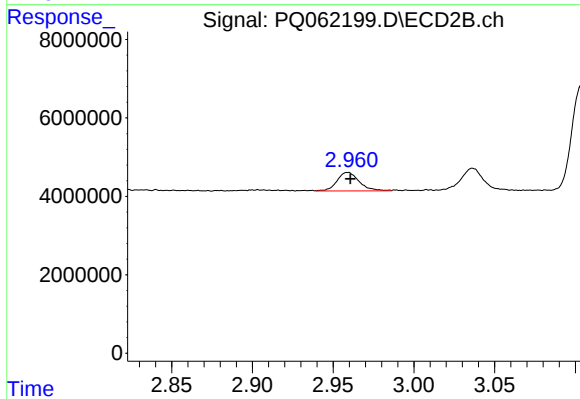
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 37908394
Conc: 462.40 ng/ml



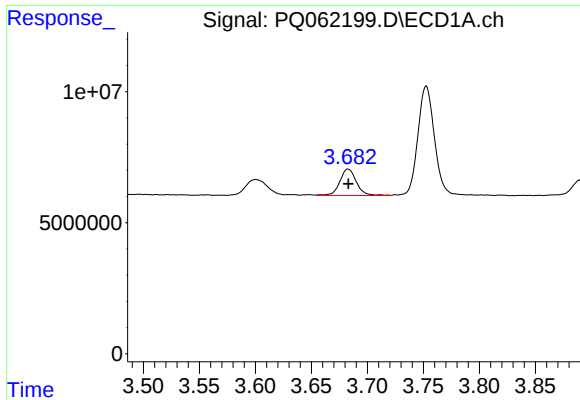
#8 AR-1221-1

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 8346110
Conc: 138.85 ng/ml



#8 AR-1221-1

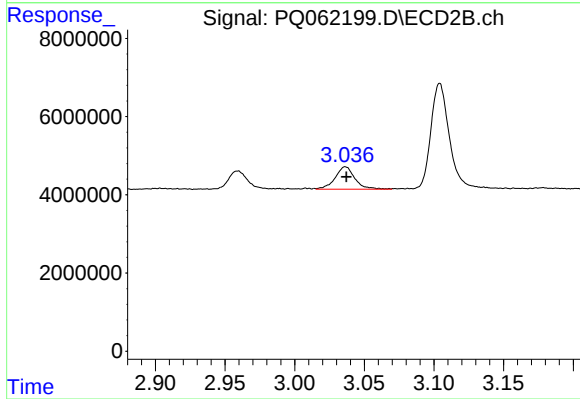
R.T.: 2.959 min
Delta R.T.: -0.001 min
Response: 4498474
Conc: 136.33 ng/ml



#9 AR-1221-2

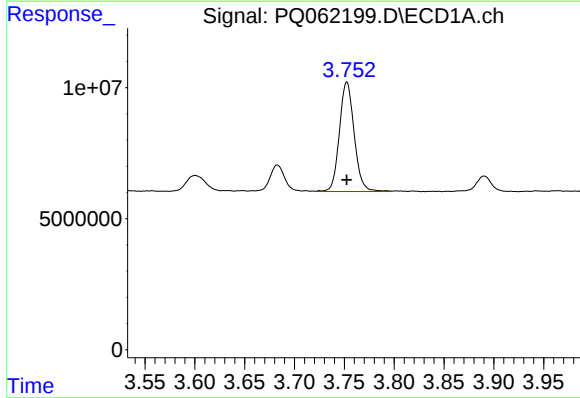
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 10416450
Conc: 231.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



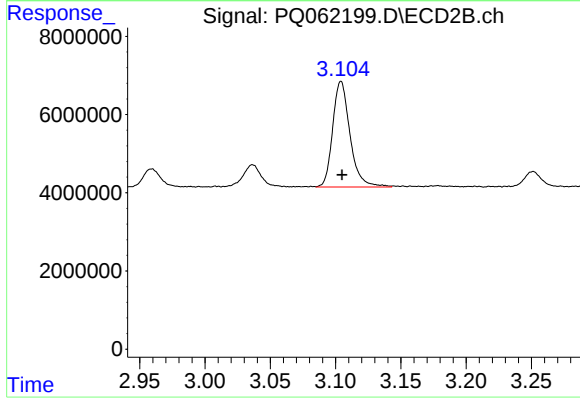
#9 AR-1221-2

R.T.: 3.036 min
Delta R.T.: 0.000 min
Response: 5634038
Conc: 221.81 ng/ml



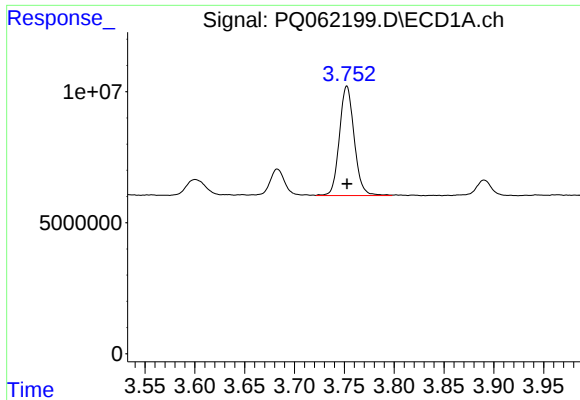
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 43258832
Conc: 307.85 ng/ml



#10 AR-1221-3

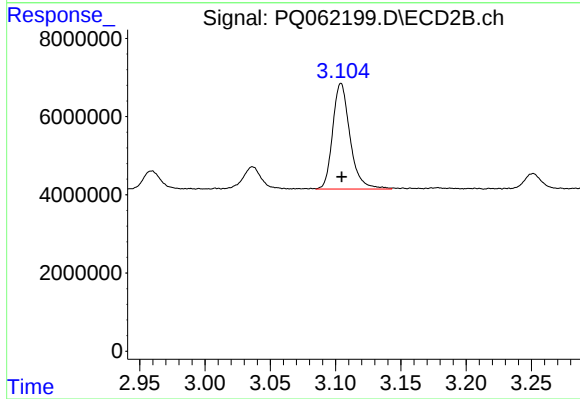
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 24999442
Conc: 324.29 ng/ml



#11 AR-1232-1

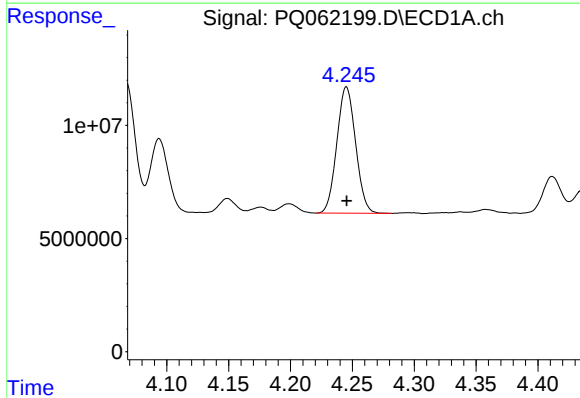
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 43258832
Conc: 409.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



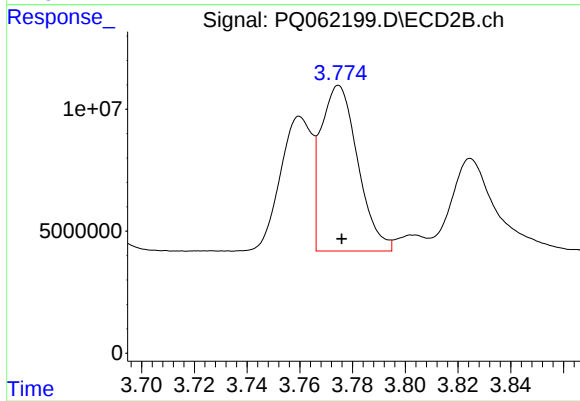
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 24999442
Conc: 436.30 ng/ml



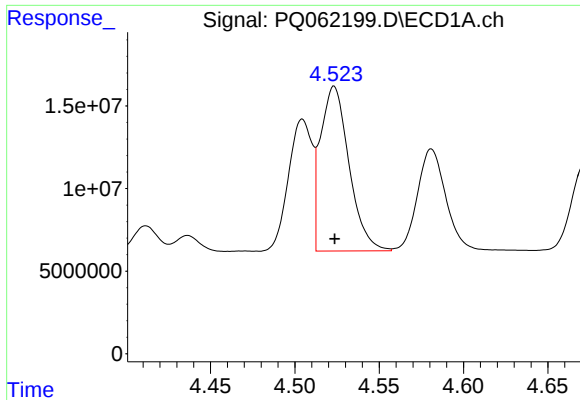
#12 AR-1232-2

R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 59004582
Conc: 997.52 ng/ml



#12 AR-1232-2

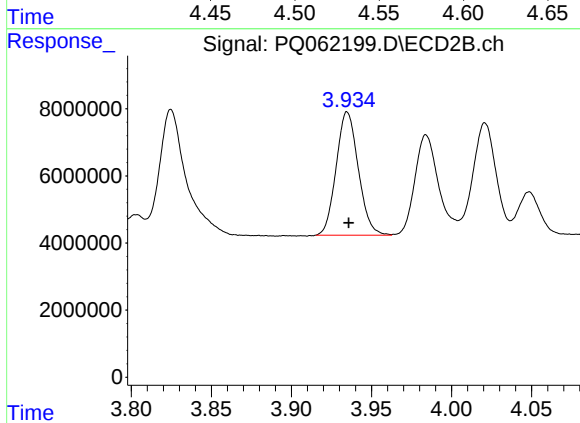
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 65887638
Conc: 989.97 ng/ml



#13 AR-1232-3

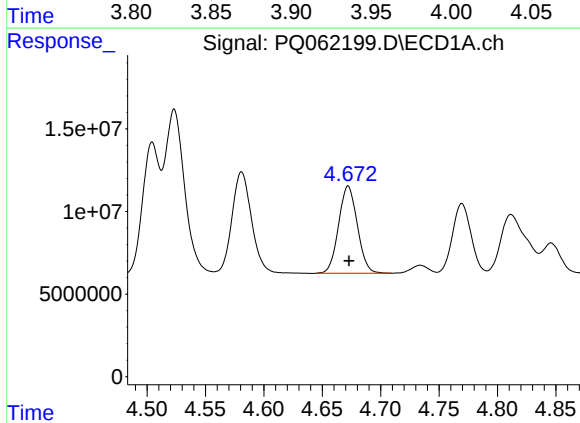
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 117485309
Conc: 1038.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



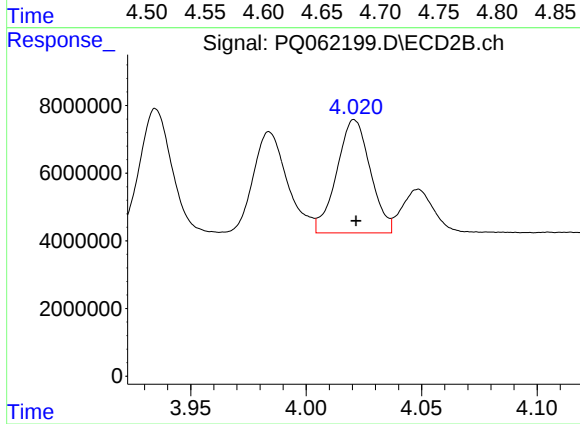
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 35315892
Conc: 1022.02 ng/ml



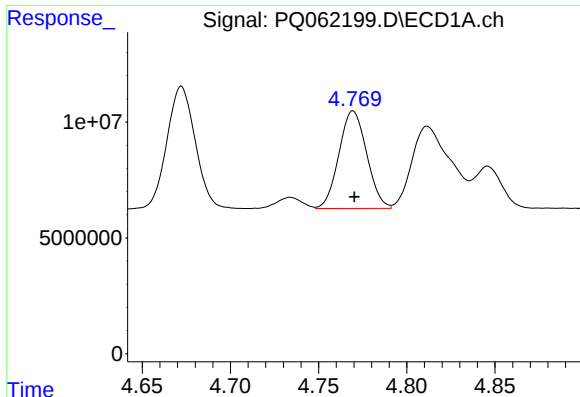
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 58940869
Conc: 1040.14 ng/ml



#14 AR-1232-4

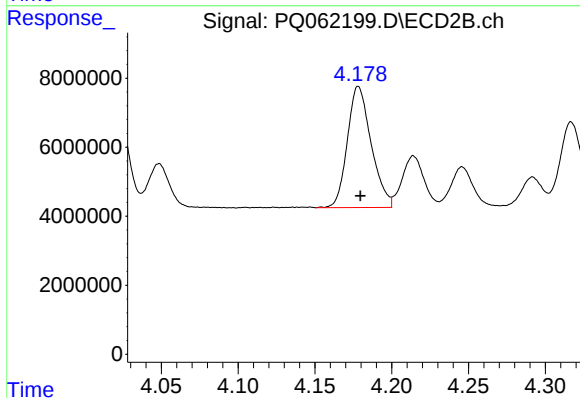
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 33909686
Conc: 1140.21 ng/ml



#15 AR-1232-5

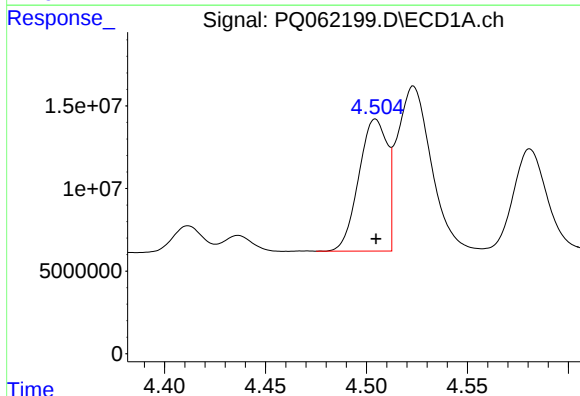
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 46123537
Conc: 1151.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



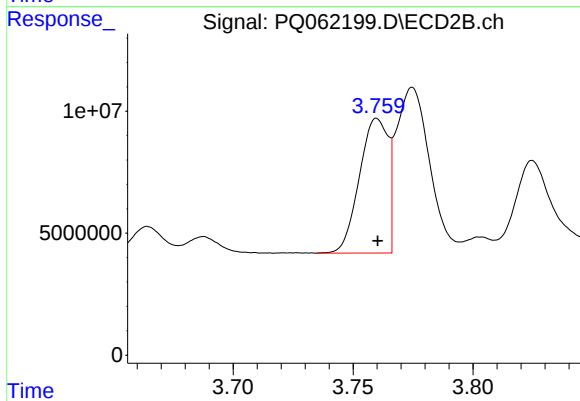
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 37908394
Conc: 1063.03 ng/ml



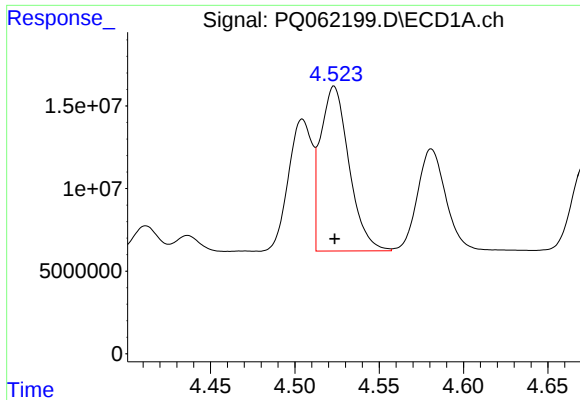
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 78050537
Conc: 597.15 ng/ml



#16 AR-1242-1

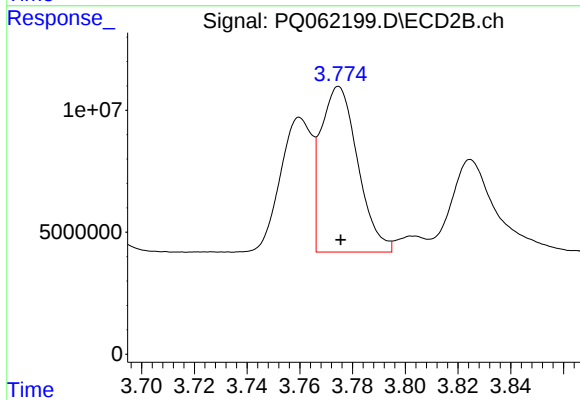
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 45782298
Conc: 591.97 ng/ml



#17 AR-1242-2

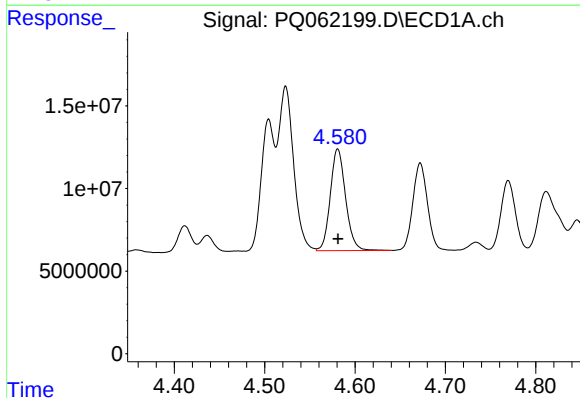
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 117485309
Conc: 605.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



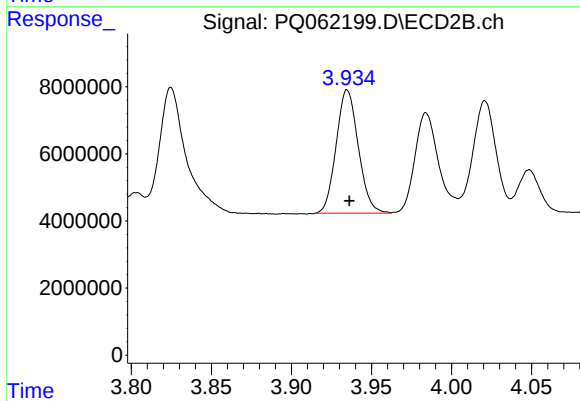
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 65887638
Conc: 592.74 ng/ml



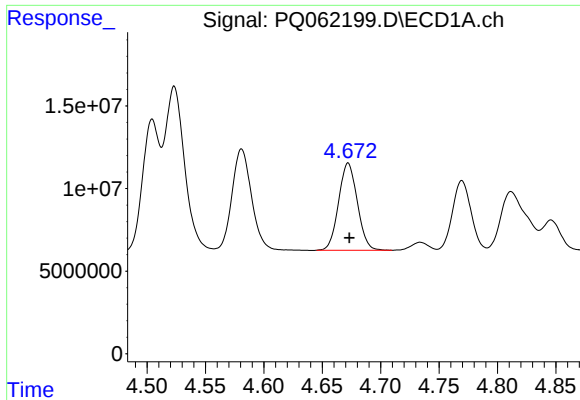
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 72559631
Conc: 600.44 ng/ml



#18 AR-1242-3

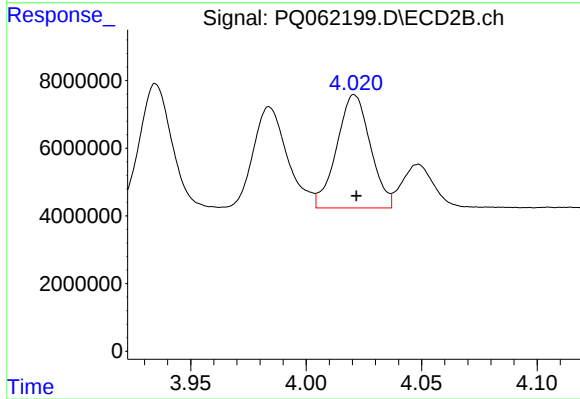
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 35315892
Conc: 602.91 ng/ml



#19 AR-1242-4

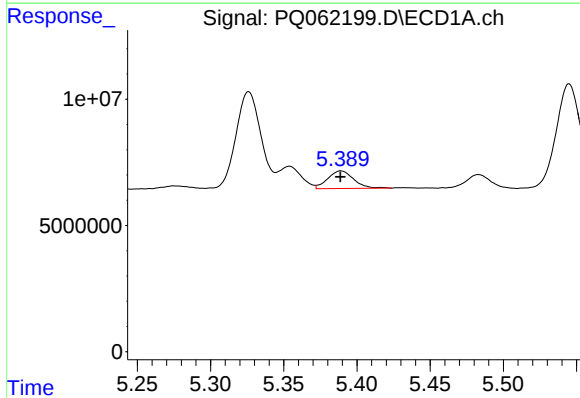
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 58940869
Conc: 604.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



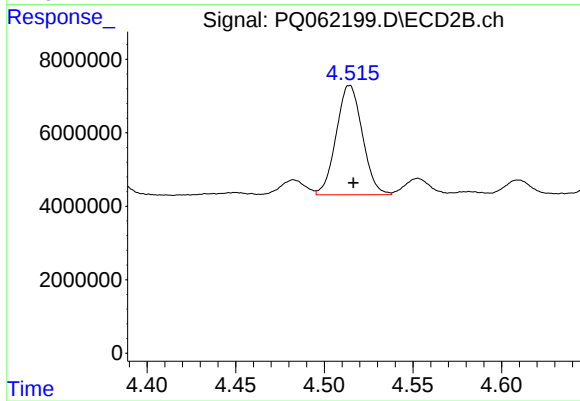
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 33909686
Conc: 578.39 ng/ml



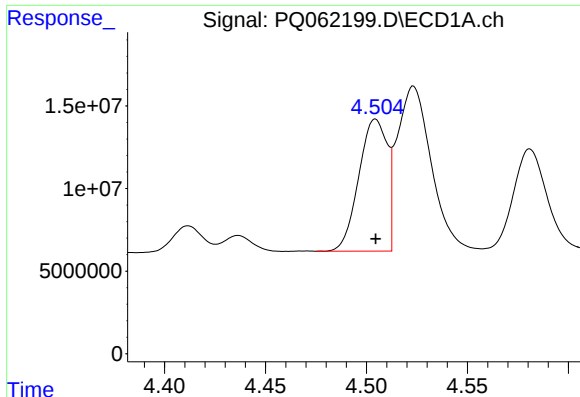
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 8601017
Conc: 89.85 ng/ml



#20 AR-1242-5

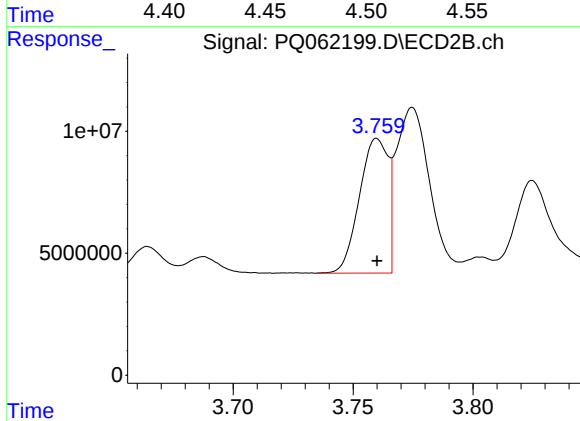
R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 30594650
Conc: 369.09 ng/ml



#21 AR-1248-1

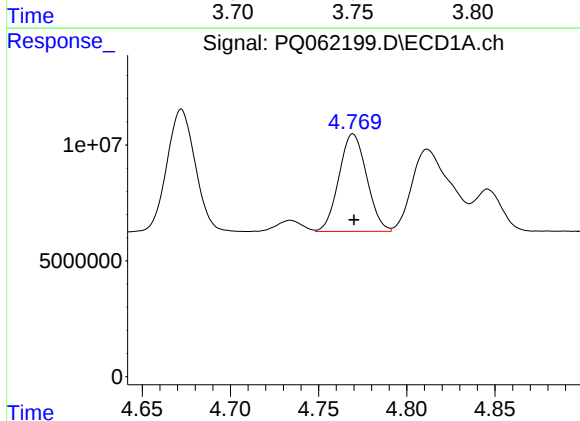
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 78050537
Conc: 750.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



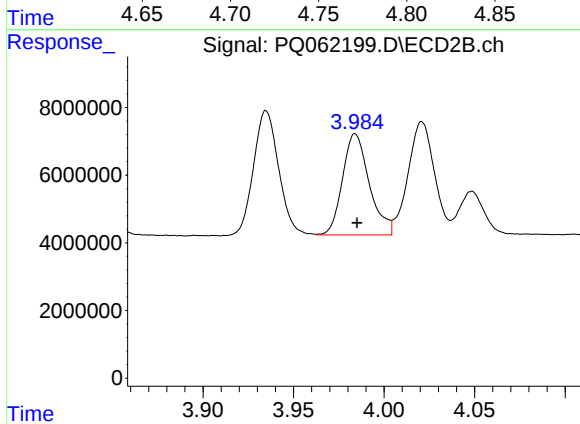
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 45782298
Conc: 732.28 ng/ml



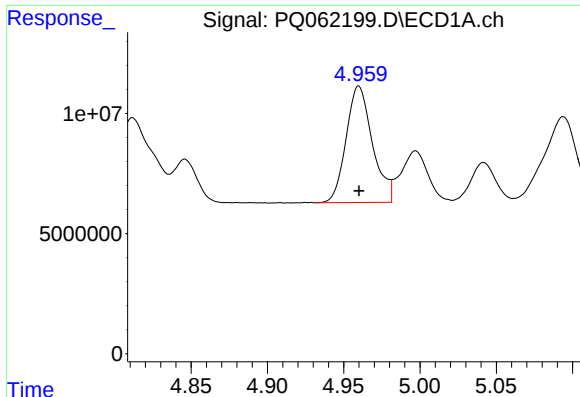
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 46123537
Conc: 321.06 ng/ml



#22 AR-1248-2

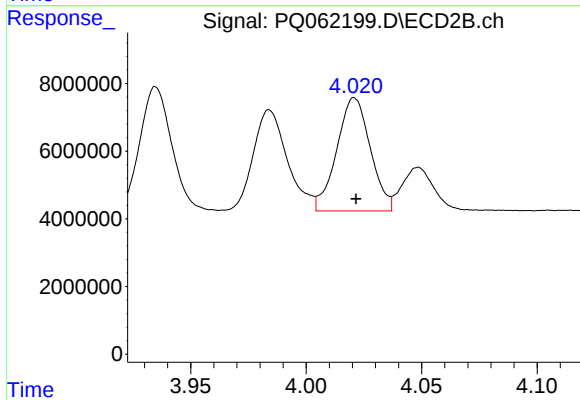
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 30785859
Conc: 328.32 ng/ml



#23 AR-1248-3

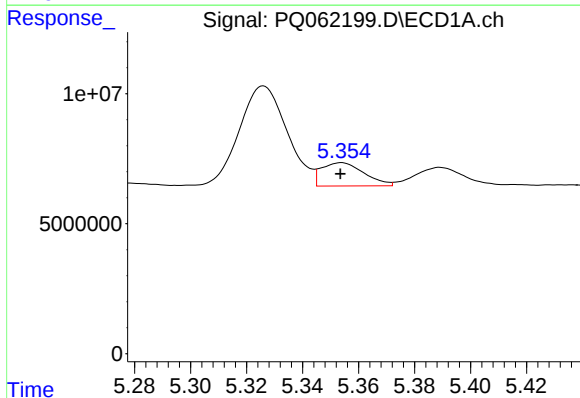
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 58223740
Conc: 335.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



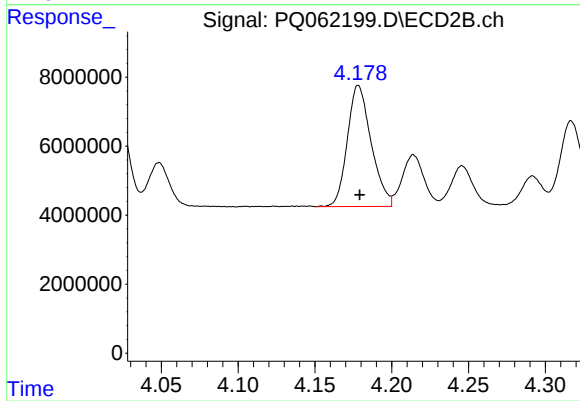
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 33909686
Conc: 374.51 ng/ml



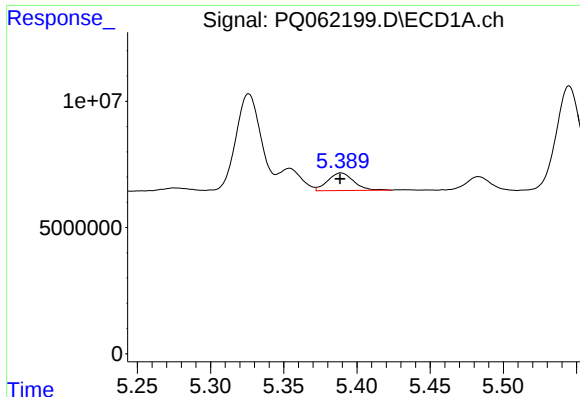
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 9474433
Conc: 49.36 ng/ml



#24 AR-1248-4

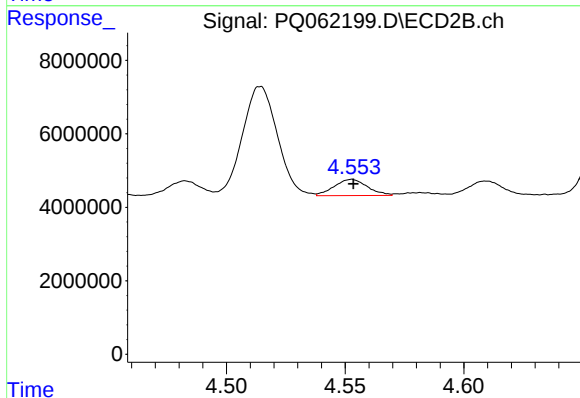
R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 37908394
Conc: 335.95 ng/ml



#25 AR-1248-5

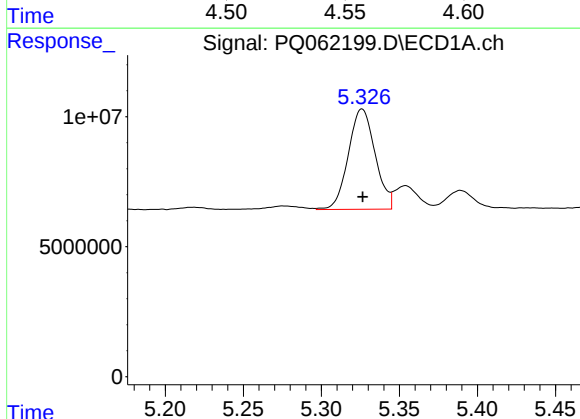
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 8601017
Conc: 47.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



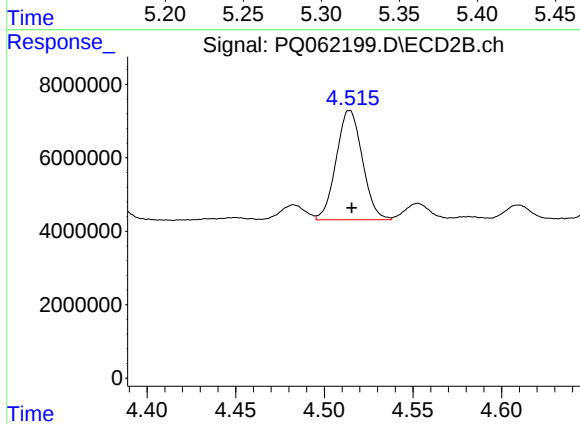
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 4302334
Conc: 38.40 ng/ml



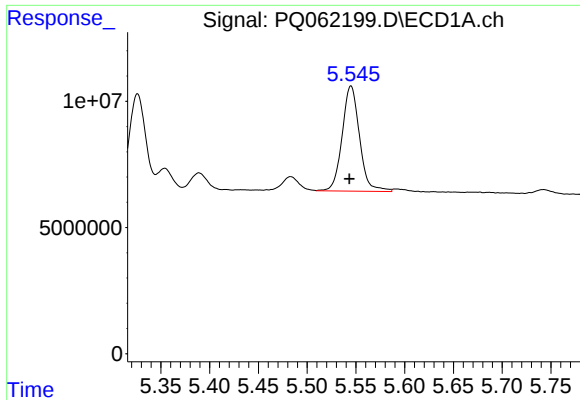
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 46174527
Conc: 248.49 ng/ml



#26 AR-1254-1

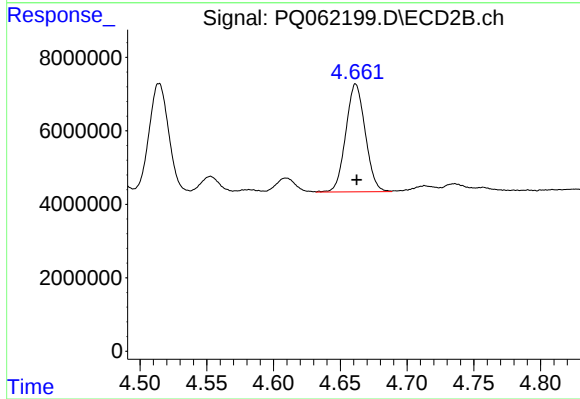
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 30594650
Conc: 189.48 ng/ml



#27 AR-1254-2

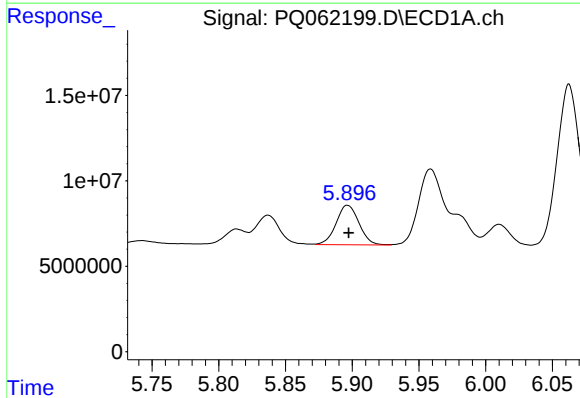
R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 51686967
Conc: 177.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



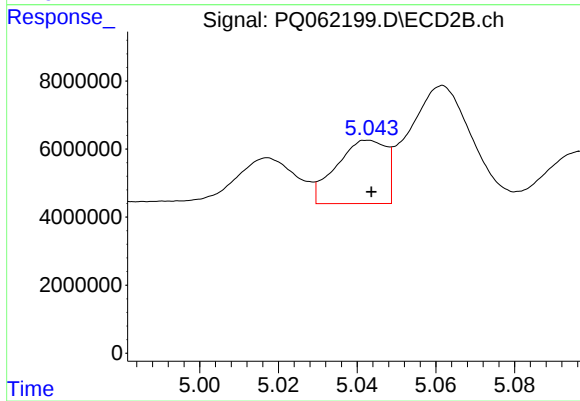
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 29782824
Conc: 202.30 ng/ml



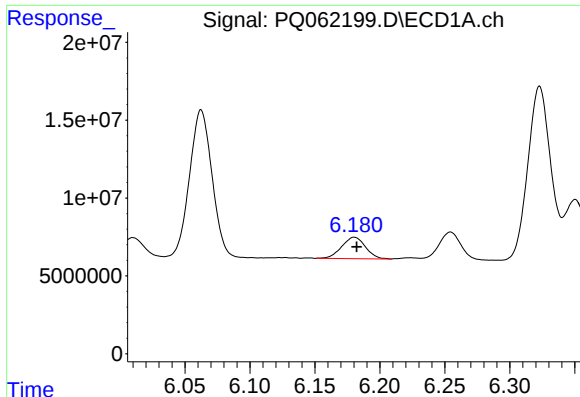
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 27518757
Conc: 89.60 ng/ml



#28 AR-1254-3

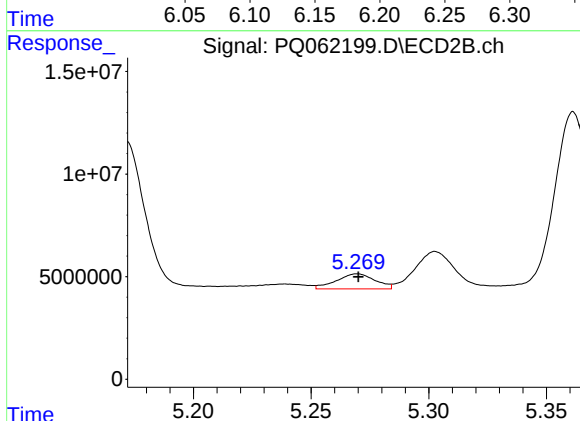
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 16311591
Conc: 69.80 ng/ml



#29 AR-1254-4

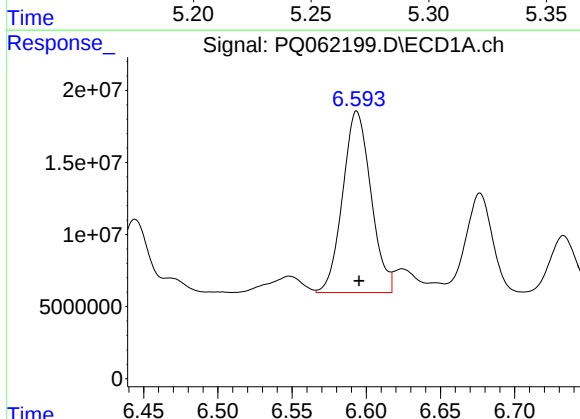
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 17732254
Conc: 76.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



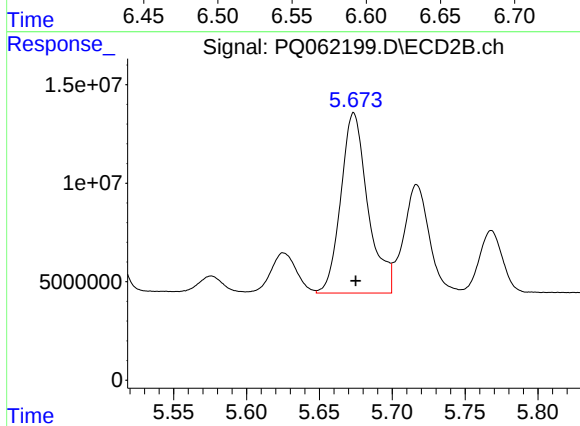
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 8398751
Conc: 55.10 ng/ml



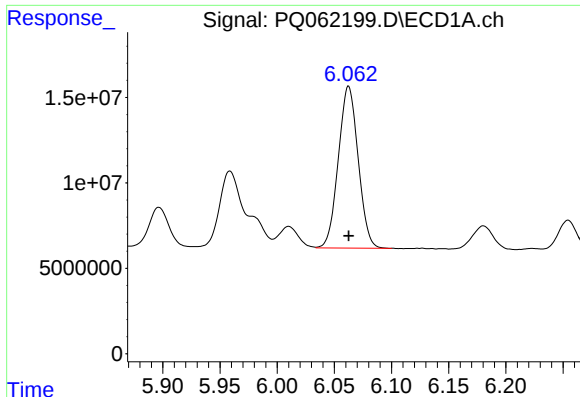
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 166603358
Conc: 648.59 ng/ml



#30 AR-1254-5

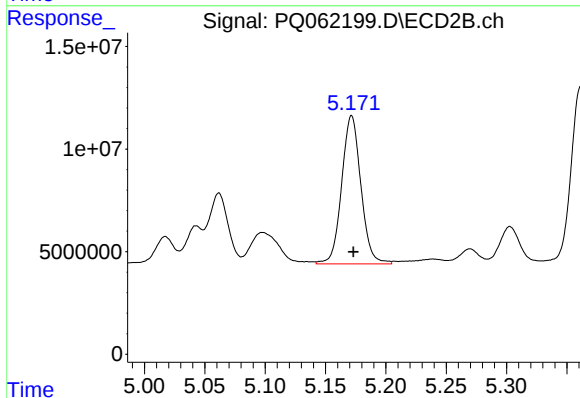
R.T.: 5.674 min
Delta R.T.: -0.001 min
Response: 118283448
Conc: 512.50 ng/ml



#31 AR-1260-1

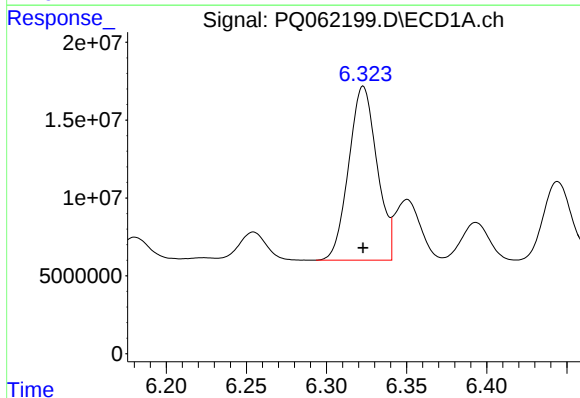
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 114118365
Conc: 483.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



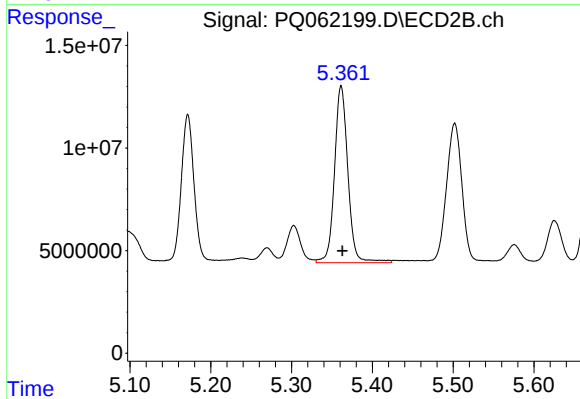
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 80233391
Conc: 481.73 ng/ml



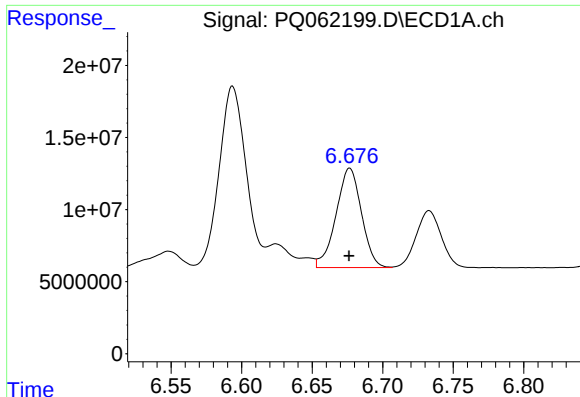
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 137108827
Conc: 474.73 ng/ml



#32 AR-1260-2

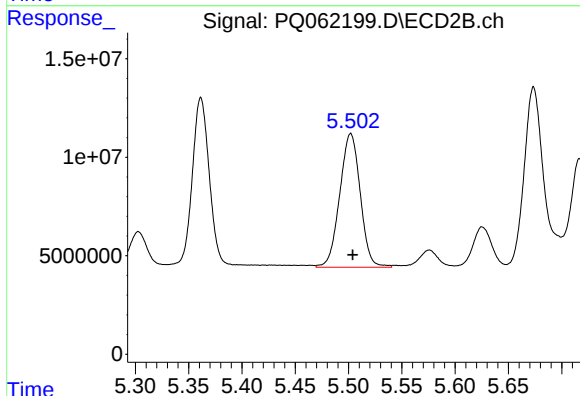
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 99413408
Conc: 478.07 ng/ml



#33 AR-1260-3

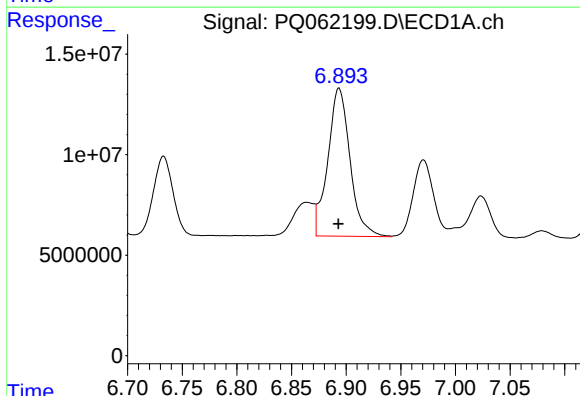
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 86475777
Conc: 489.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



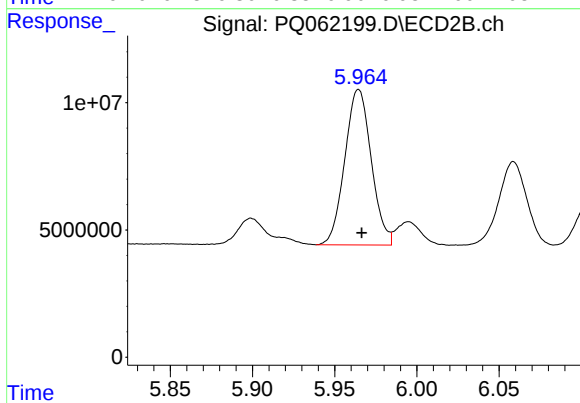
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 91031892
Conc: 467.89 ng/ml



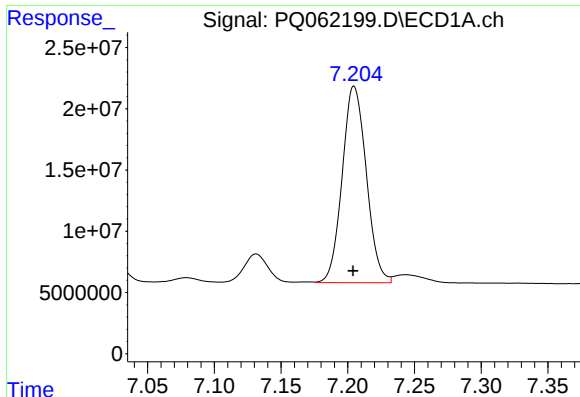
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 104086673
Conc: 494.12 ng/ml



#34 AR-1260-4

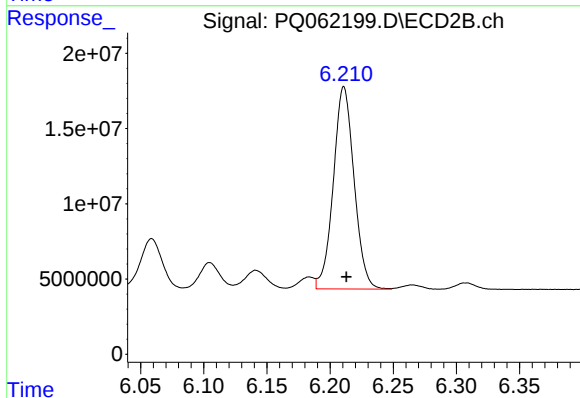
R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 68480535
Conc: 469.49 ng/ml



#35 AR-1260-5

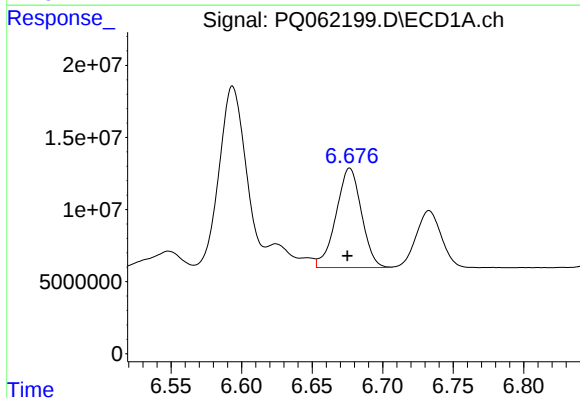
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 201804618
Conc: 491.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



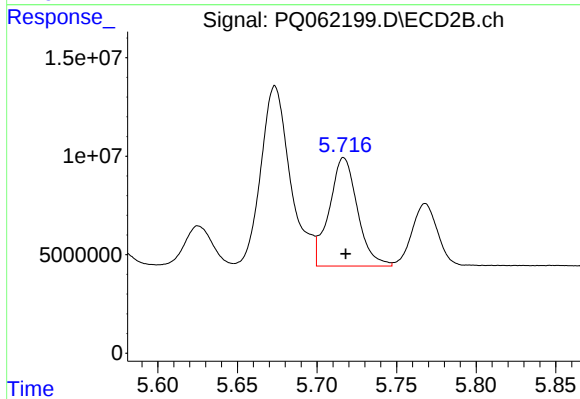
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 153728215
Conc: 462.95 ng/ml



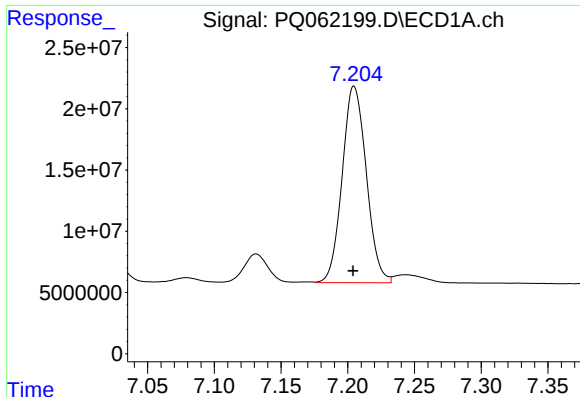
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 86475777
Conc: 283.58 ng/ml



#36 AR-1262-1

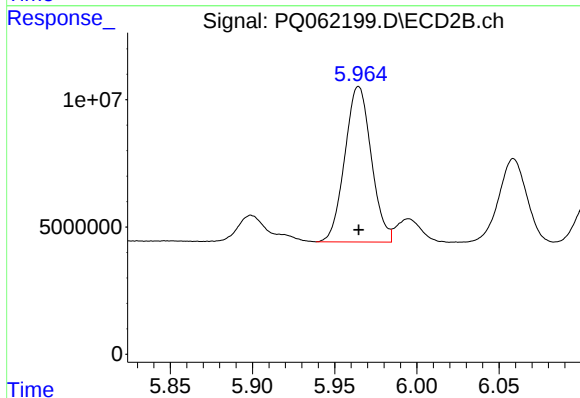
R.T.: 5.717 min
Delta R.T.: -0.001 min
Response: 68055246
Conc: 292.75 ng/ml



#37 AR-1262-2

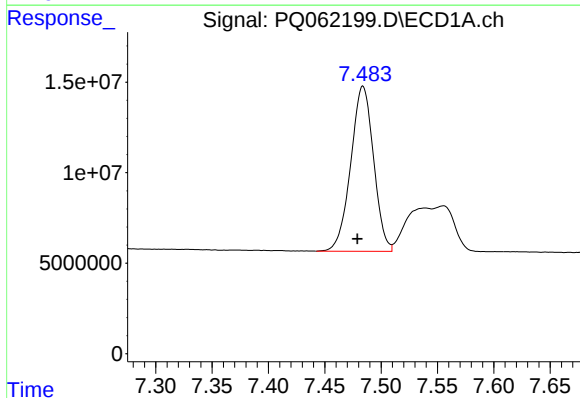
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 201804618
Conc: 383.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



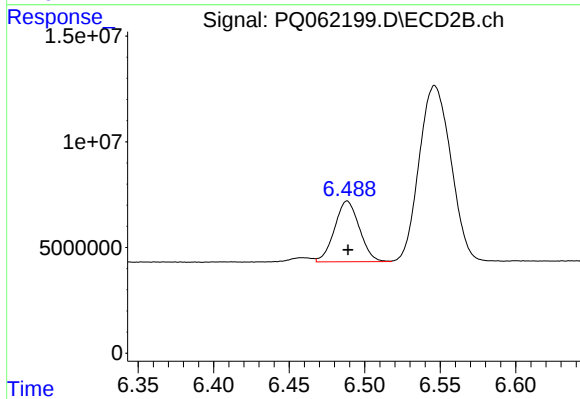
#37 AR-1262-2

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 68480535
Conc: 316.74 ng/ml



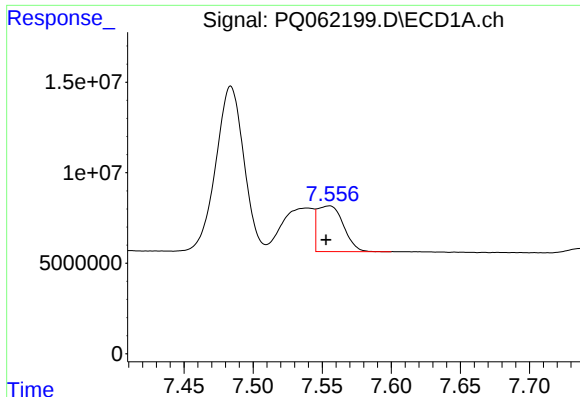
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 128529423
Conc: 364.83 ng/ml



#38 AR-1262-3

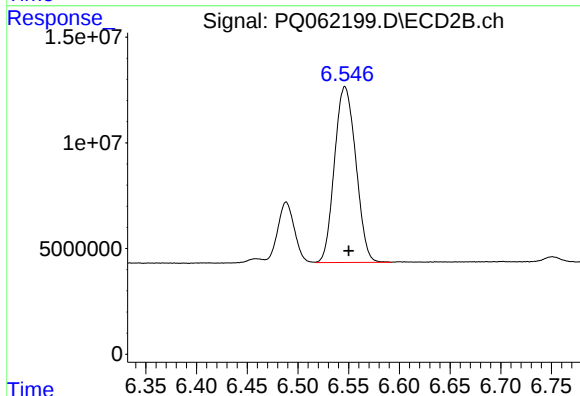
R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 32965243
Conc: 189.10 ng/ml



#39 AR-1262-4

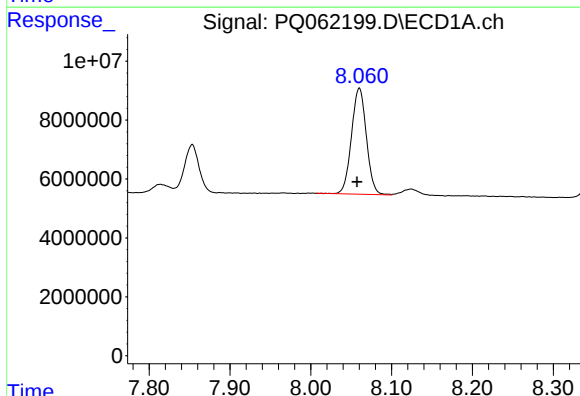
R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 33050369
Conc: 123.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



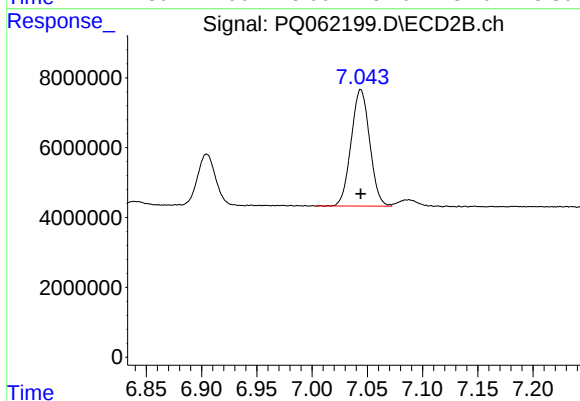
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 121823419
Conc: 377.99 ng/ml



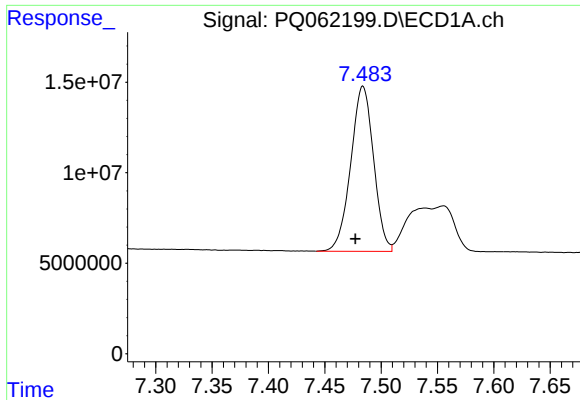
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.003 min
Response: 46055400
Conc: 259.45 ng/ml



#40 AR-1262-5

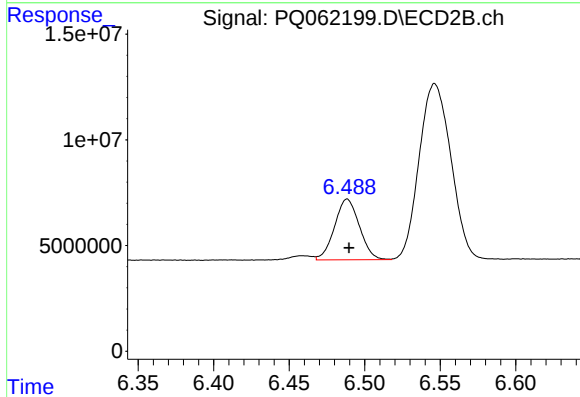
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 39033418
Conc: 251.64 ng/ml



#41 AR-1268-1

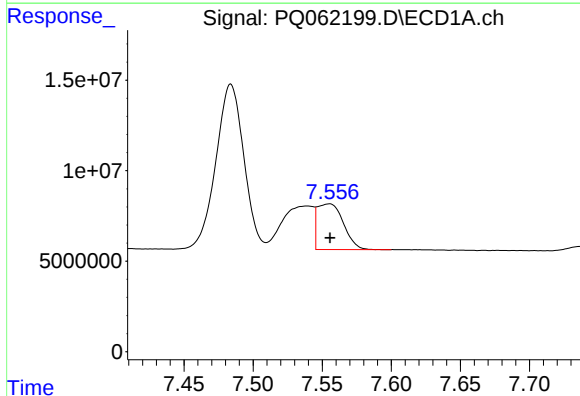
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 128529423
Conc: 226.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



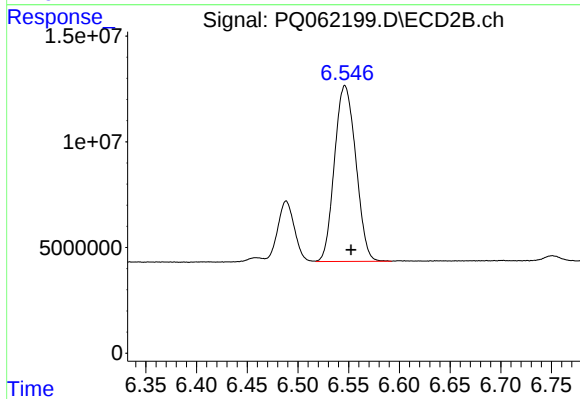
#41 AR-1268-1

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 32965243
Conc: 70.06 ng/ml



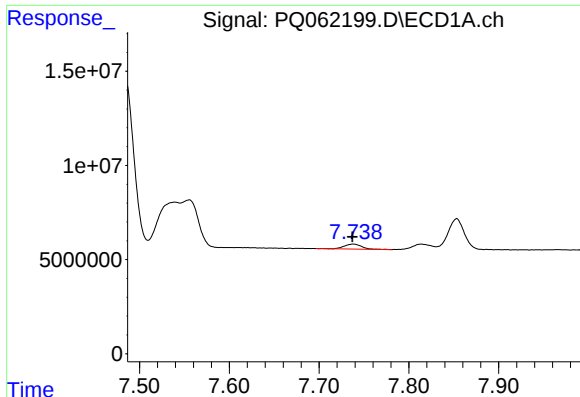
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 33050369
Conc: 64.82 ng/ml



#42 AR-1268-2

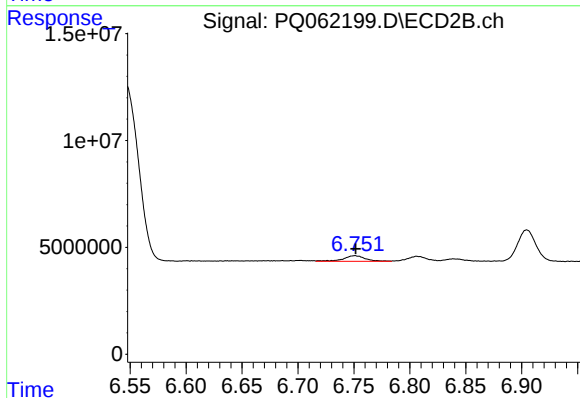
R.T.: 6.546 min
Delta R.T.: -0.006 min
Response: 121823419
Conc: 287.52 ng/ml



#43 AR-1268-3

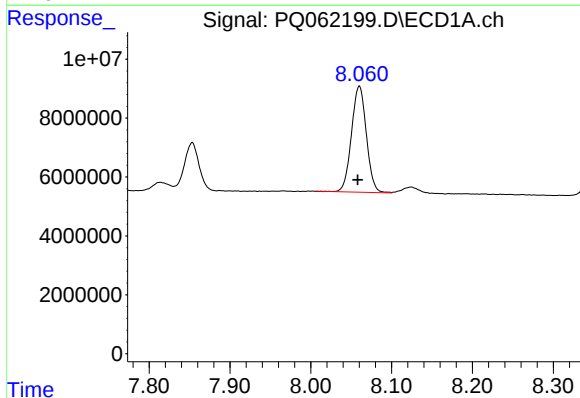
R.T.: 7.738 min
Delta R.T.: 0.001 min
Response: 3564474
Conc: 8.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



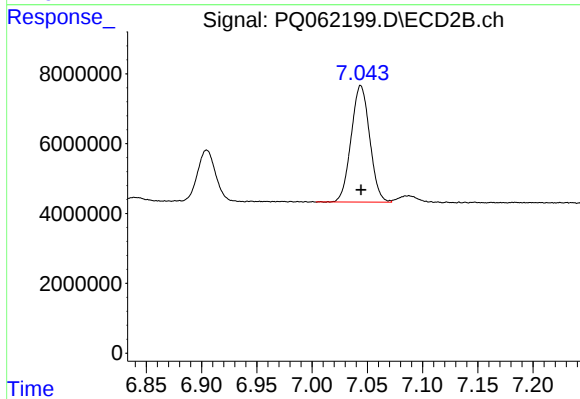
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 3627578
Conc: 9.85 ng/ml



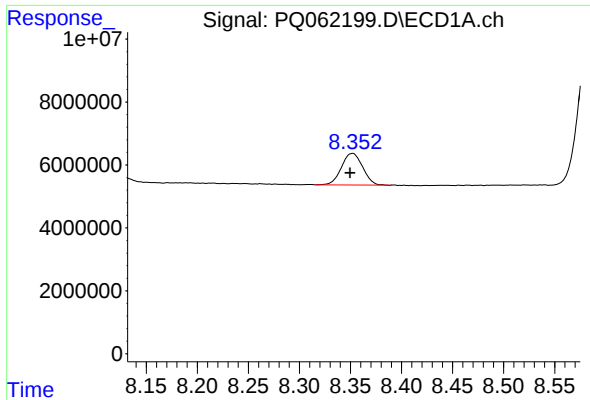
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 46055400
Conc: 251.69 ng/ml



#44 AR-1268-4

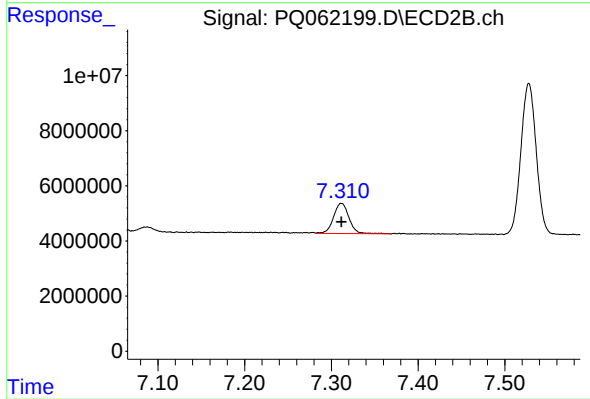
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 39033418
Conc: 244.06 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.002 min
Response: 14429687
Conc: 11.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 13567579
Conc: 11.63 ng/ml