

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072123\
 Data File : PQ062499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2023 18:27
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 21:31:13 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...	3.401	2.754	246.6E6	133.6E6	50.547	53.265
2)	SA Decachlor...	8.583	7.524	203.3E6	177.8E6	55.958	53.365
Target Compounds							
3)	L1 AR-1016-1	4.502	3.756	84415836	48599963	512.487	491.031
4)	L1 AR-1016-2	4.522	3.771	127.0E6	73262308	513.679	508.064
5)	L1 AR-1016-3	4.579	3.931	78592249	37205187	515.678	493.158
6)	L1 AR-1016-4	4.670	3.981	65124915	32376981	519.564	492.957
7)	L1 AR-1016-5	4.958	4.175	63240328	39980692	519.569	487.679
8)	L2 AR-1221-1	3.599	2.955	8570876	5161836	142.592	156.436
9)	L2 AR-1221-2	3.680	3.032	12711848	7362324	282.909	289.855
10)	L2 AR-1221-3	3.750	3.100	47083492	27779163	335.070	360.343
11)	L3 AR-1232-1	3.750	3.100	47083492	27779163	445.861	484.814
12)	L3 AR-1232-2	4.243	3.771	64137109	73262308	1084.292	1100.779
13)	L3 AR-1232-3	4.522	3.931	127.0E6	37205187	1123.240	1076.696
14)	L3 AR-1232-4	4.670	4.017	65124915	35857063	1149.268	1205.692
15)	L3 AR-1232-5	4.768	4.175	50032903	39980692	1249.261	1121.137
16)	L4 AR-1242-1	4.502	3.756	84415836	48599963	645.855	628.401
17)	L4 AR-1242-2	4.522	3.771	127.0E6	73262308	654.258	659.079
18)	L4 AR-1242-3	4.579	3.931	78592249	37205187	650.361	635.160
19)	L4 AR-1242-4	4.670	4.017	65124915	35857063	668.046	611.601
20)	L4 AR-1242-5	5.388	4.511	6396298	32859035	66.816	396.405 #
21)	L5 AR-1248-1	4.502	3.756	84415836	48599963	811.857	777.346
22)	L5 AR-1248-2	4.768	3.981	50032903	32376981	348.268	345.285
23)	L5 AR-1248-3	4.958	4.017	63240328	35857063	364.051	396.019
24)	L5 AR-1248-4	5.352	4.175	9002197	39980692	46.903	354.315 #
25)	L5 AR-1248-5	5.388	4.549	6396298	5349913	35.315	47.753 #
26)	L6 AR-1254-1	5.324	4.511	49141751	32859035	264.457	203.508
27)	L6 AR-1254-2	5.543	4.658	55950533	32243829	192.460	219.011
28)	L6 AR-1254-3	5.895	5.039	31109279	17136422	101.287	73.326 #
29)	L6 AR-1254-4	6.179	5.266	21401347	7323981	92.171	48.053 #
30)	L6 AR-1254-5	6.593	5.670	181.8E6	129.7E6	707.729	561.976
31)	L7 AR-1260-1	6.061	5.168	123.0E6	81958963	521.406	492.089
32)	L7 AR-1260-2	6.321	5.358	152.5E6	102.7E6	528.084	493.700
33)	L7 AR-1260-3	6.675	5.499	92956671	96963256	526.439	498.375
34)	L7 AR-1260-4	6.892	5.961	110.7E6	74983303	525.606	514.072
35)	L7 AR-1260-5	7.204	6.208	223.9E6	173.0E6	545.359	521.098
36)	L8 AR-1262-1	6.675	5.713	92956671	73337368	304.834	315.468
37)	L8 AR-1262-2	7.204	5.961	223.9E6	74983303	425.144	346.812
38)	L8 AR-1262-3	7.482	6.486	145.3E6	36830899	412.560	211.274 #
39)	L8 AR-1262-4	7.553	6.543	33716148	136.3E6	126.410	422.770 #
40)	L8 AR-1262-5	8.059	7.041	53220417	45543410	299.818	293.611
41)	L9 AR-1268-1	7.482	6.486	145.3E6	36830899	256.127	78.274 #

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 Acq On : 21 Jul 2023 18:27
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

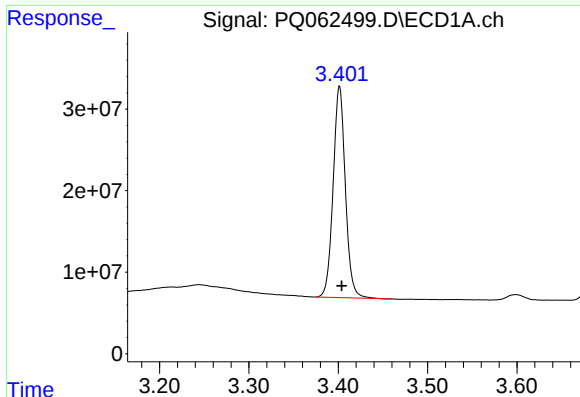
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 21:31:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
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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	7.553	6.543	33716148	136.3E6	66.127	321.586 #
43) L9	AR-1268-3	7.736	6.747	4136914	3724322	9.693	10.112
44) L9	AR-1268-4	8.059	7.041	53220417	45543410	290.846	284.760
45) L9	AR-1268-5	8.351	7.308	17554281	15481520	13.924	13.267

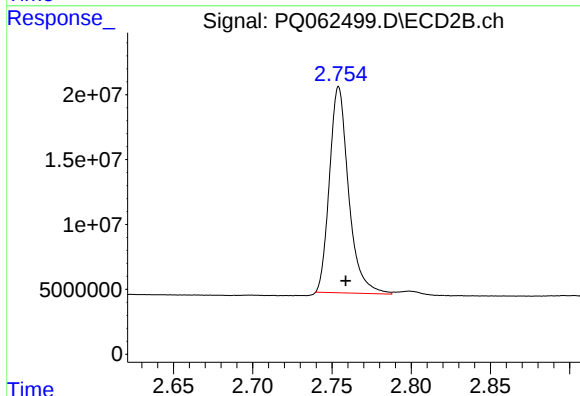
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

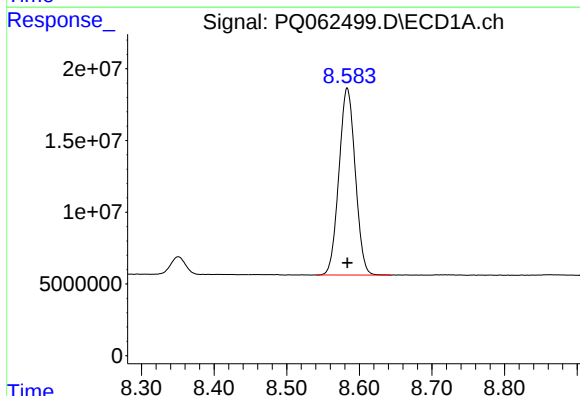
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 246576768
Conc: 50.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



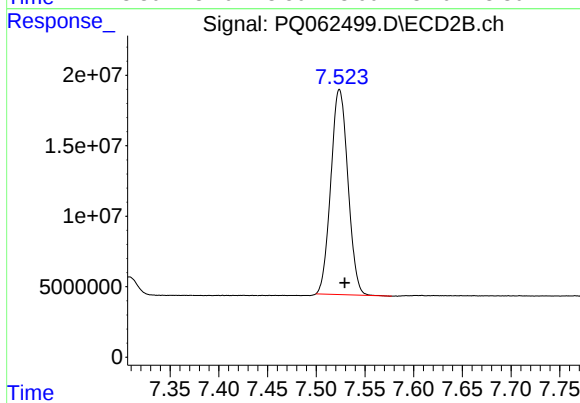
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: -0.004 min
Response: 133646259
Conc: 53.26 ng/ml



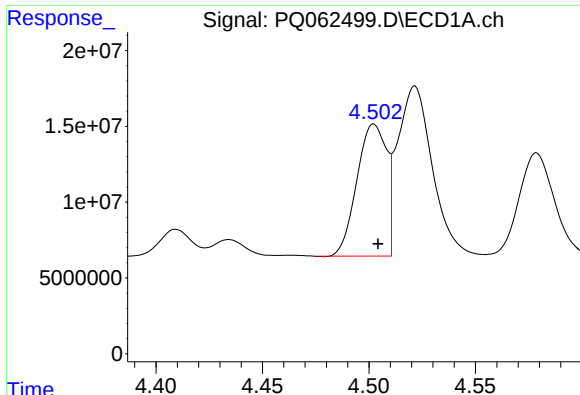
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 203281763
Conc: 55.96 ng/ml



#2 Decachlorobiphenyl

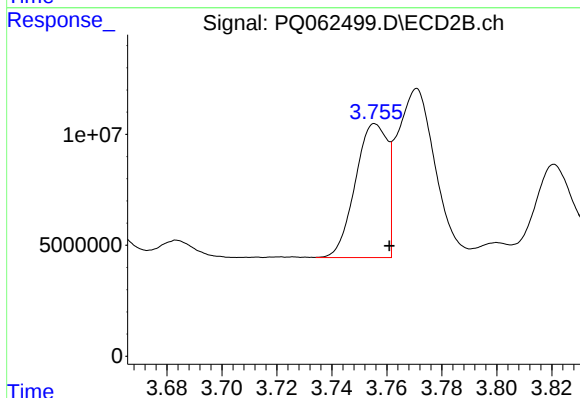
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 177820370
Conc: 53.36 ng/ml



#3 AR-1016-1

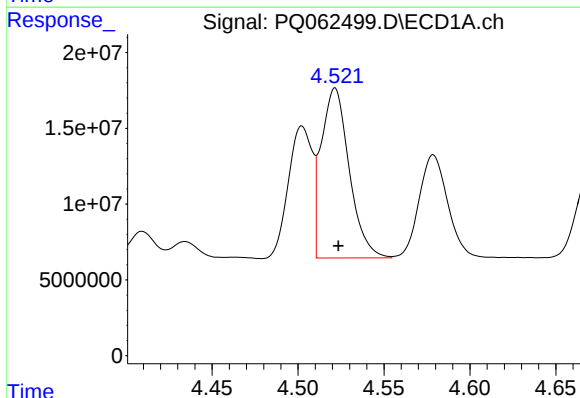
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 84415836
Conc: 512.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



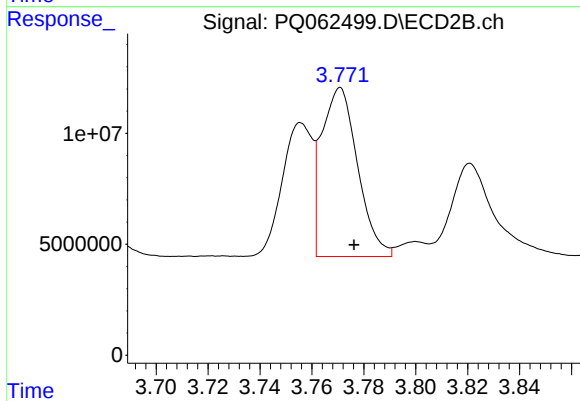
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 48599963
Conc: 491.03 ng/ml



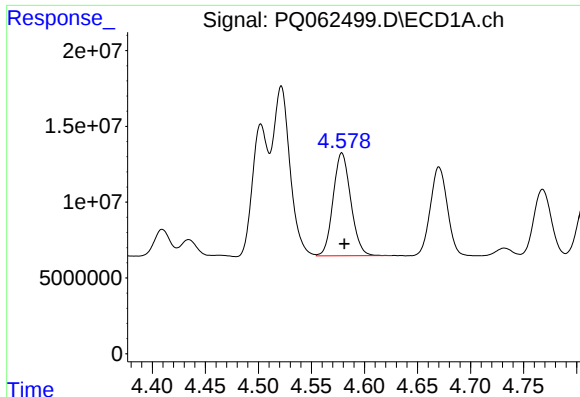
#4 AR-1016-2

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 127016589
Conc: 513.68 ng/ml



#4 AR-1016-2

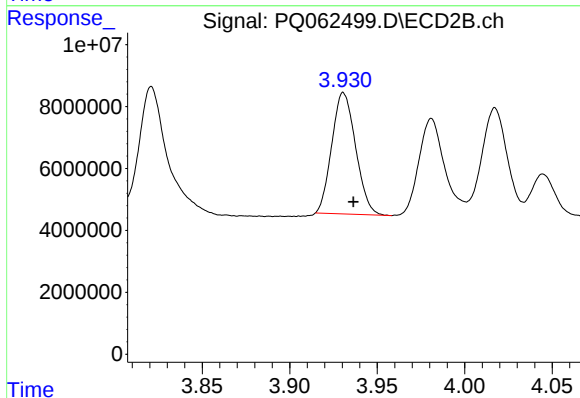
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 73262308
Conc: 508.06 ng/ml



#5 AR-1016-3

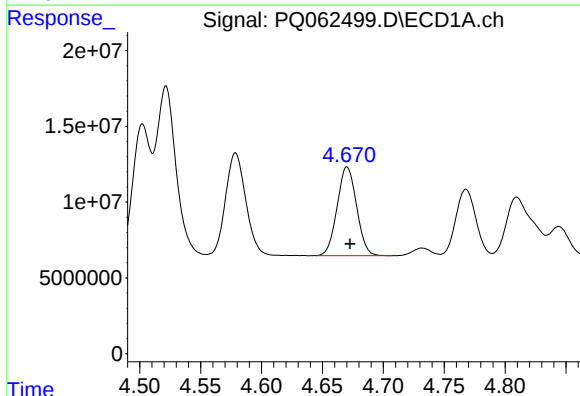
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 78592249
Conc: 515.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



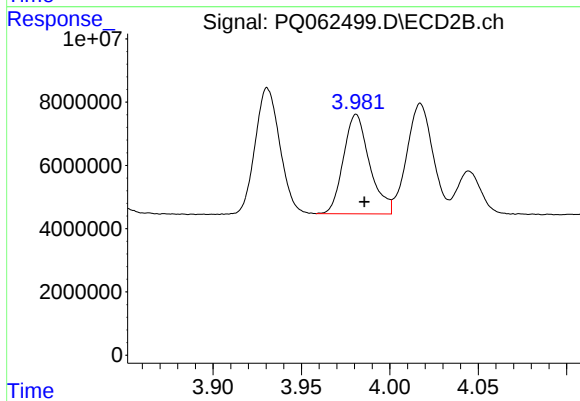
#5 AR-1016-3

R.T.: 3.931 min
Delta R.T.: -0.006 min
Response: 37205187
Conc: 493.16 ng/ml



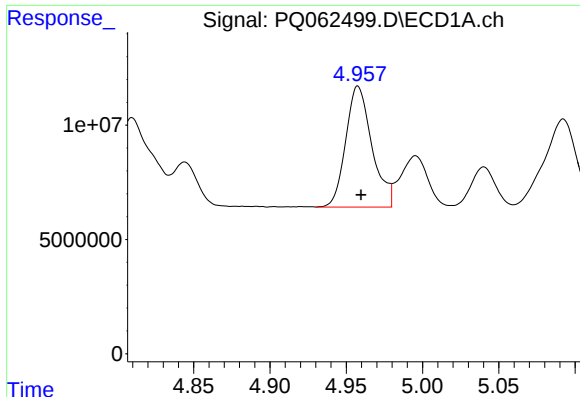
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 65124915
Conc: 519.56 ng/ml



#6 AR-1016-4

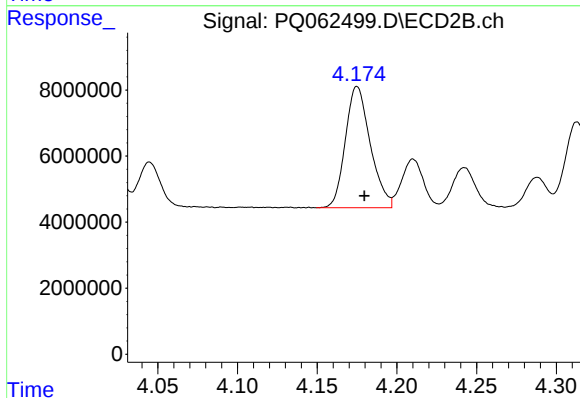
R.T.: 3.981 min
Delta R.T.: -0.005 min
Response: 32376981
Conc: 492.96 ng/ml



#7 AR-1016-5

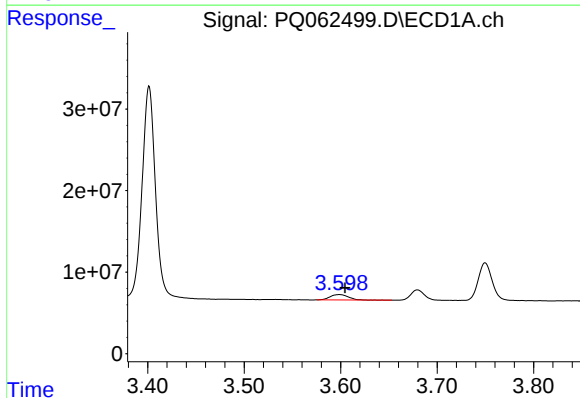
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 63240328
Conc: 519.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



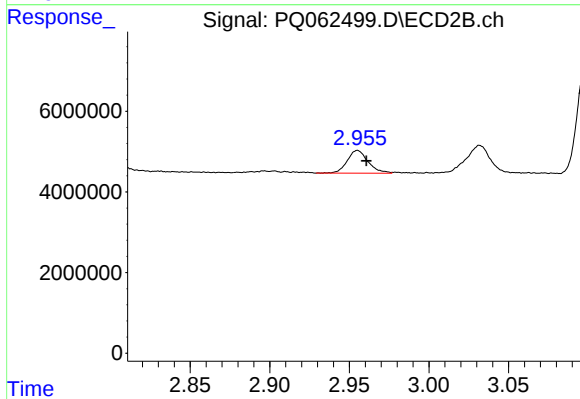
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 39980692
Conc: 487.68 ng/ml



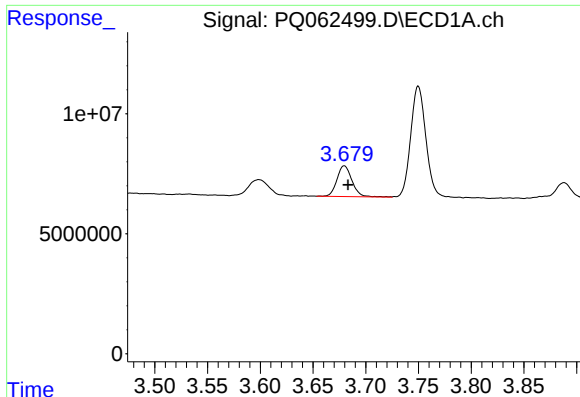
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 8570876
Conc: 142.59 ng/ml



#8 AR-1221-1

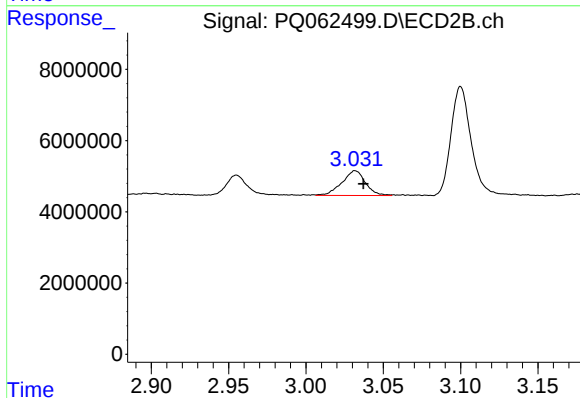
R.T.: 2.955 min
Delta R.T.: -0.005 min
Response: 5161836
Conc: 156.44 ng/ml



#9 AR-1221-2

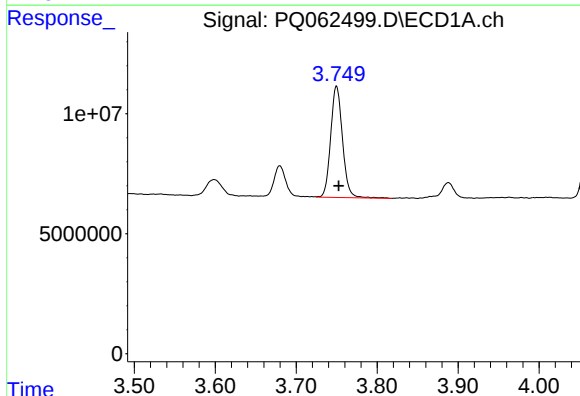
R.T.: 3.680 min
Delta R.T.: -0.003 min
Response: 12711848
Conc: 282.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



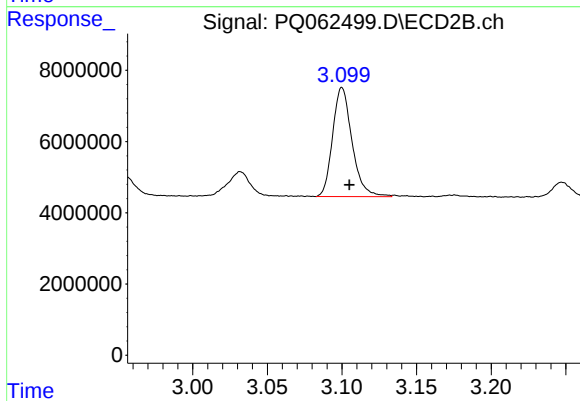
#9 AR-1221-2

R.T.: 3.032 min
Delta R.T.: -0.005 min
Response: 7362324
Conc: 289.85 ng/ml



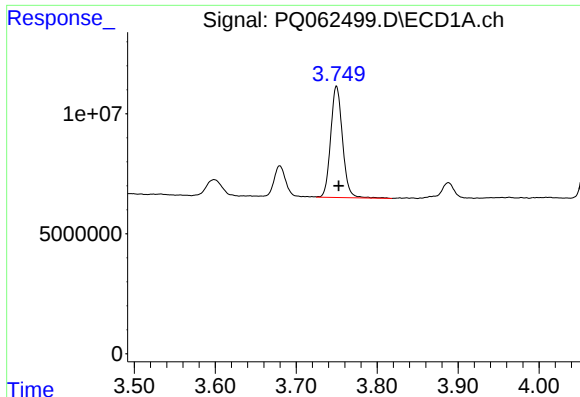
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 47083492
Conc: 335.07 ng/ml



#10 AR-1221-3

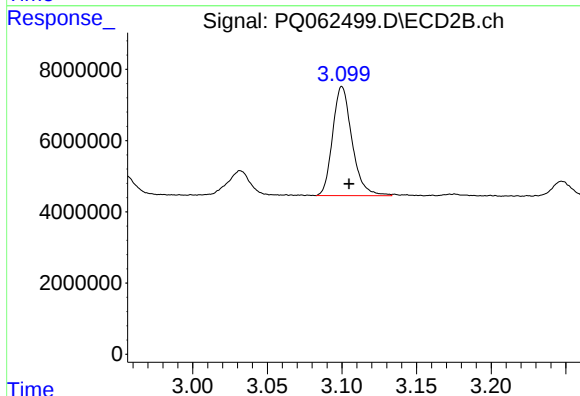
R.T.: 3.100 min
Delta R.T.: -0.005 min
Response: 27779163
Conc: 360.34 ng/ml



#11 AR-1232-1

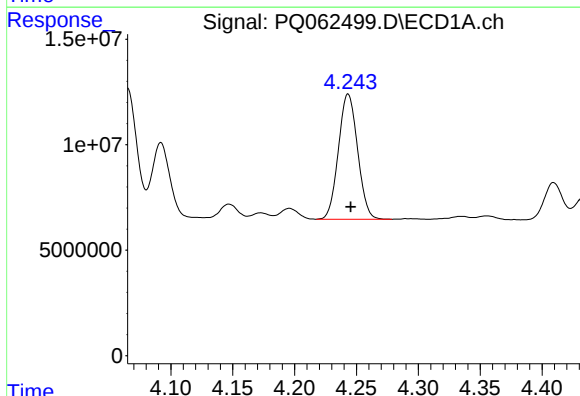
R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 47083492
Conc: 445.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



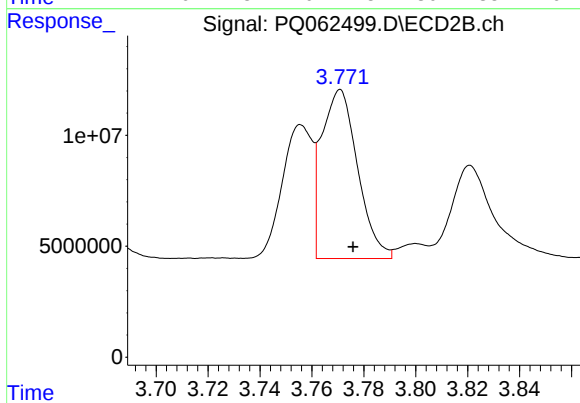
#11 AR-1232-1

R.T.: 3.100 min
Delta R.T.: -0.005 min
Response: 27779163
Conc: 484.81 ng/ml



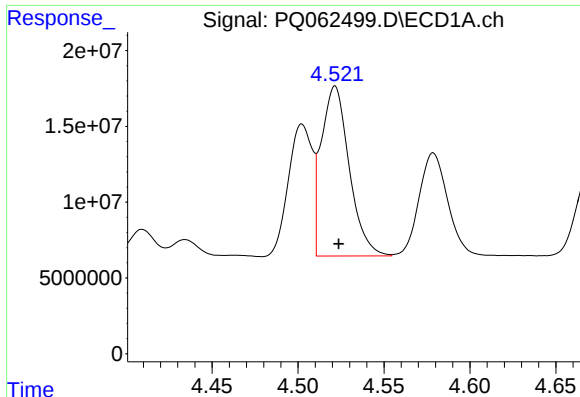
#12 AR-1232-2

R.T.: 4.243 min
Delta R.T.: -0.002 min
Response: 64137109
Conc: 1084.29 ng/ml



#12 AR-1232-2

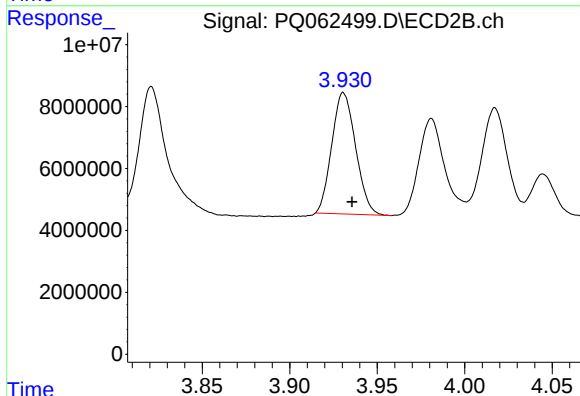
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 73262308
Conc: 1100.78 ng/ml



#13 AR-1232-3

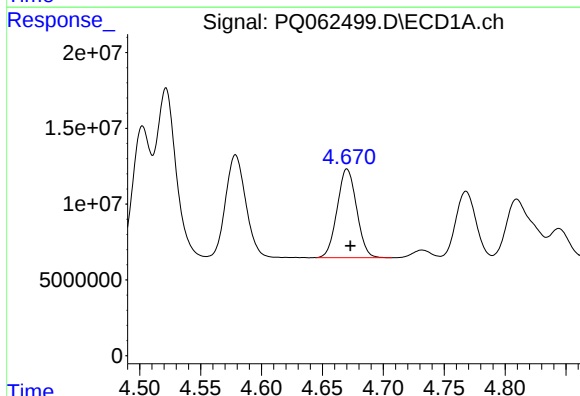
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 127016589
Conc: 1123.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



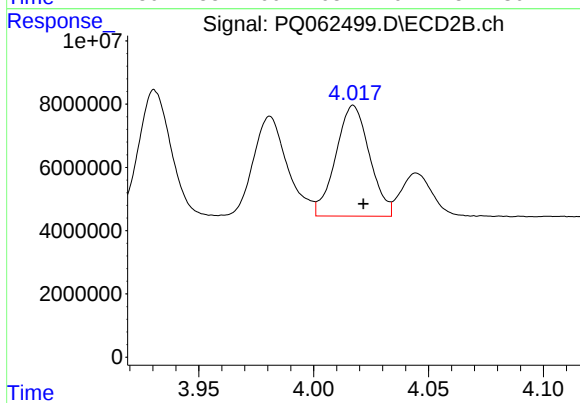
#13 AR-1232-3

R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 37205187
Conc: 1076.70 ng/ml



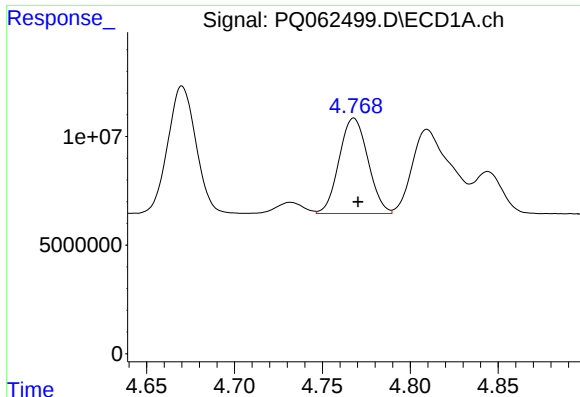
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 65124915
Conc: 1149.27 ng/ml



#14 AR-1232-4

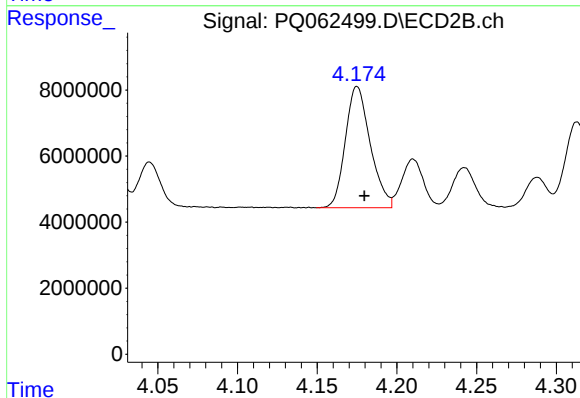
R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 35857063
Conc: 1205.69 ng/ml



#15 AR-1232-5

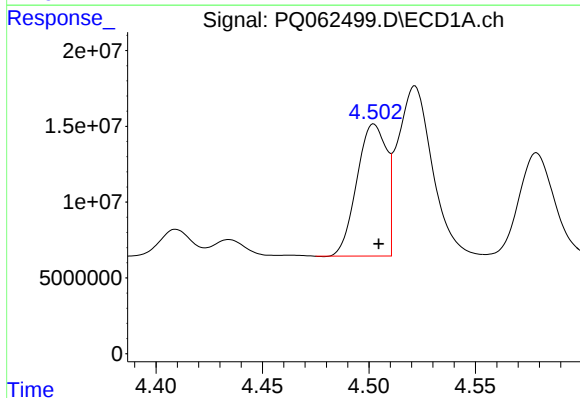
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 50032903
Conc: 1249.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



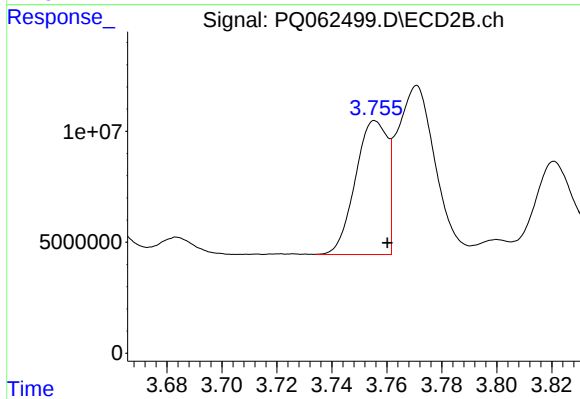
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 39980692
Conc: 1121.14 ng/ml



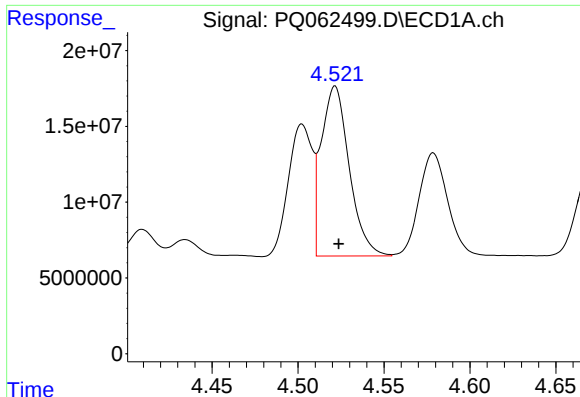
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 84415836
Conc: 645.85 ng/ml



#16 AR-1242-1

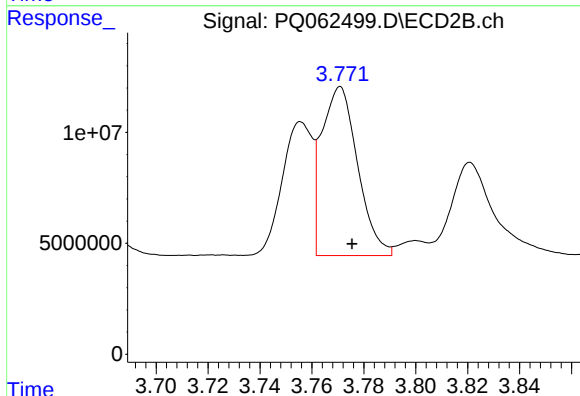
R.T.: 3.756 min
Delta R.T.: -0.005 min
Response: 48599963
Conc: 628.40 ng/ml



#17 AR-1242-2

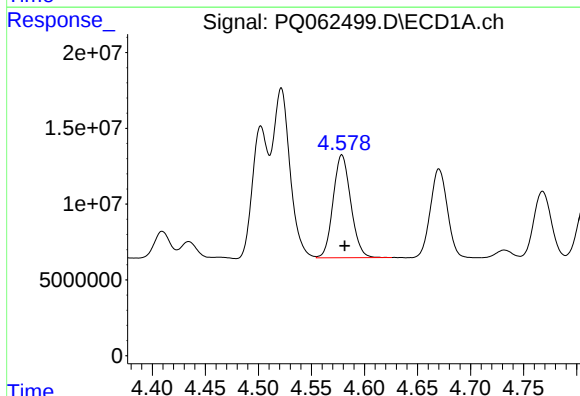
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 127016589
Conc: 654.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



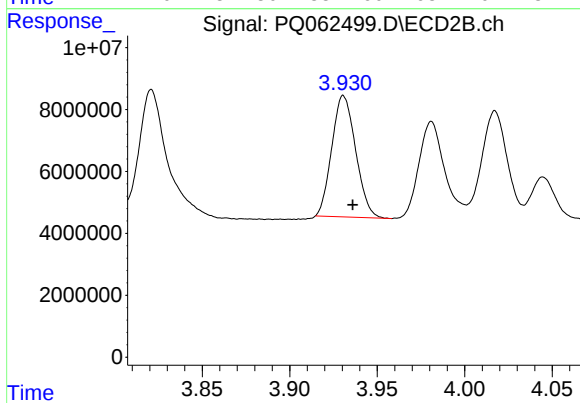
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.004 min
Response: 73262308
Conc: 659.08 ng/ml



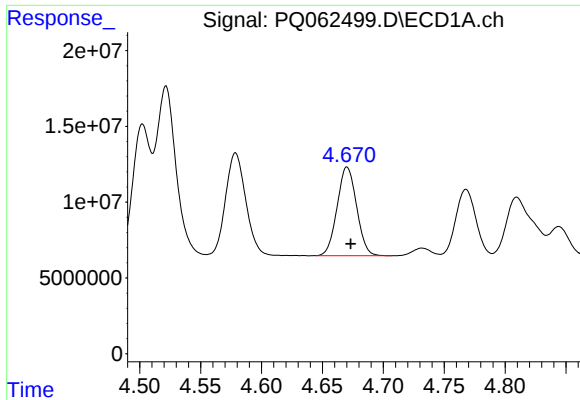
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 78592249
Conc: 650.36 ng/ml



#18 AR-1242-3

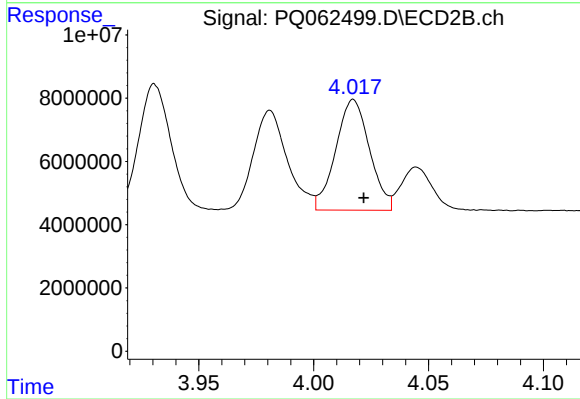
R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 37205187
Conc: 635.16 ng/ml



#19 AR-1242-4

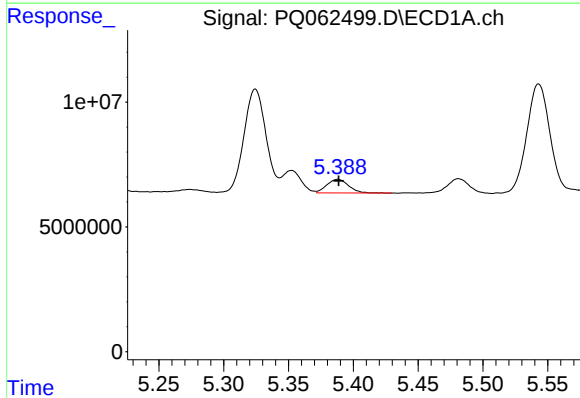
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 65124915
Conc: 668.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



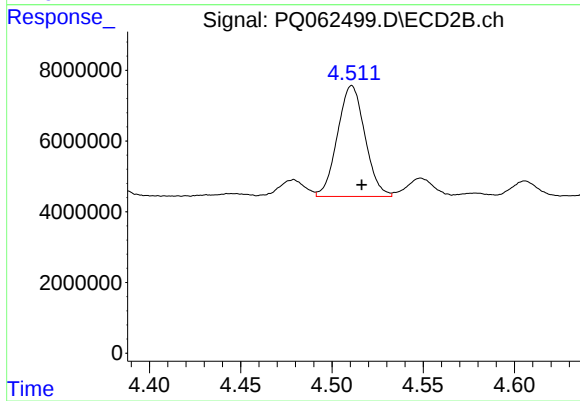
#19 AR-1242-4

R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 35857063
Conc: 611.60 ng/ml



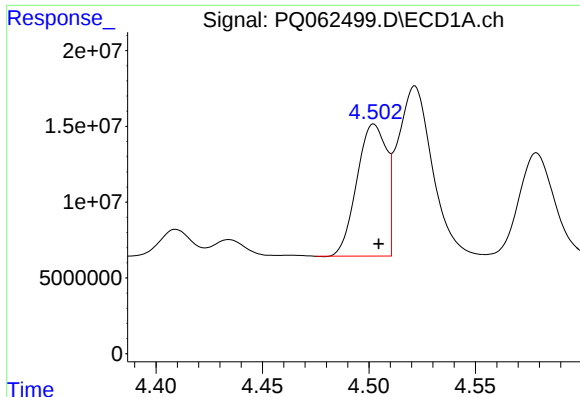
#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 6396298
Conc: 66.82 ng/ml



#20 AR-1242-5

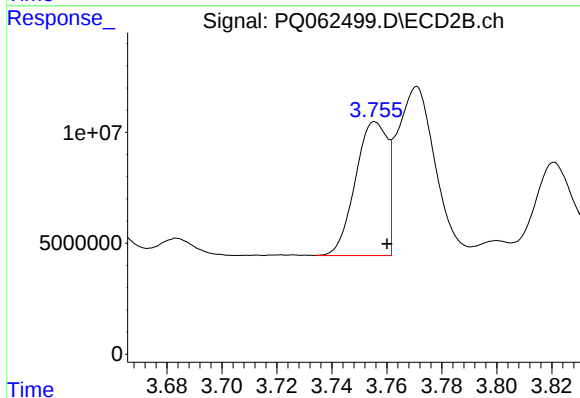
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 32859035
Conc: 396.40 ng/ml



#21 AR-1248-1

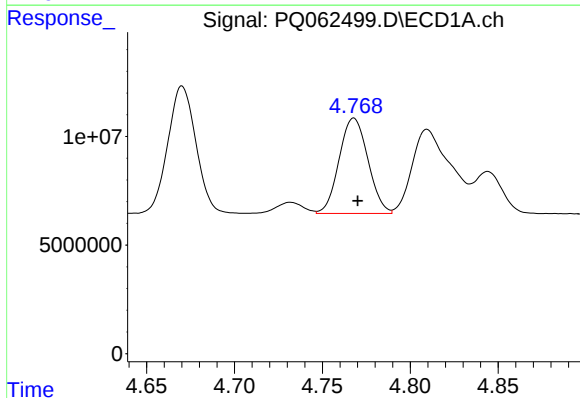
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 84415836
Conc: 811.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



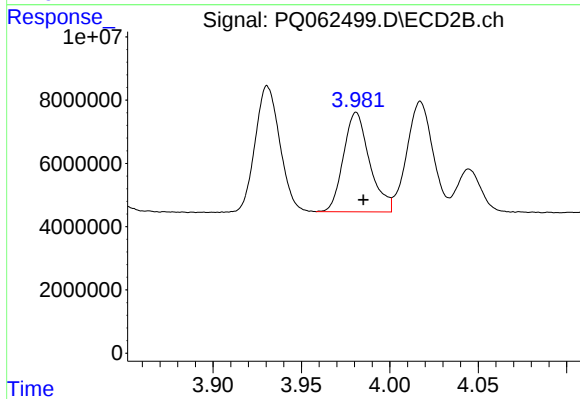
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 48599963
Conc: 777.35 ng/ml



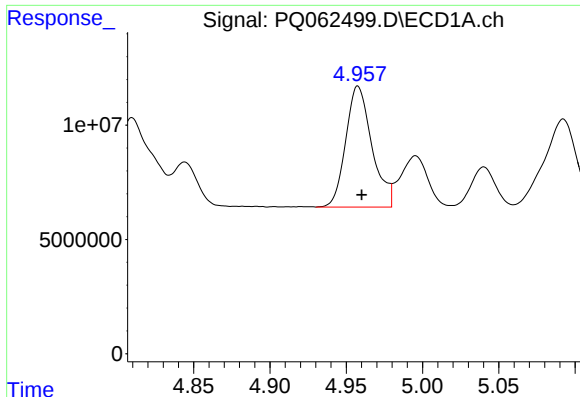
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 50032903
Conc: 348.27 ng/ml



#22 AR-1248-2

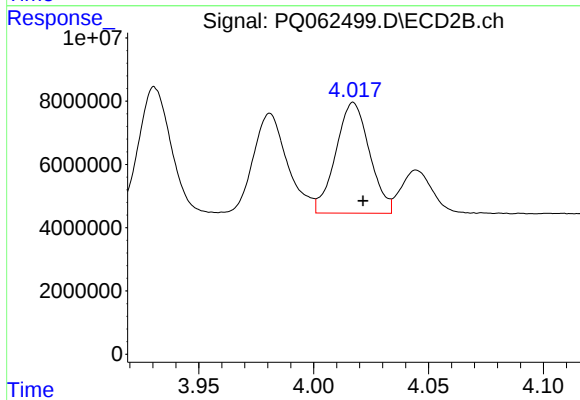
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 32376981
Conc: 345.29 ng/ml



#23 AR-1248-3

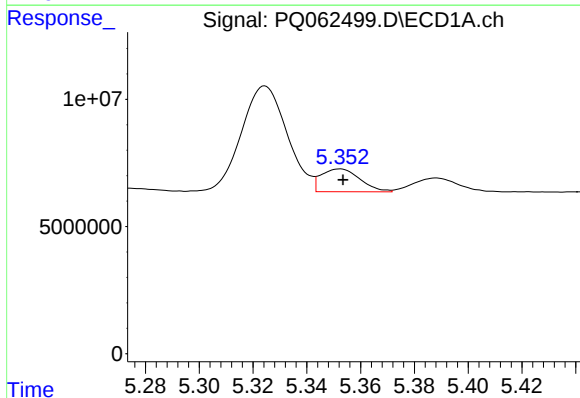
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 63240328
Conc: 364.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



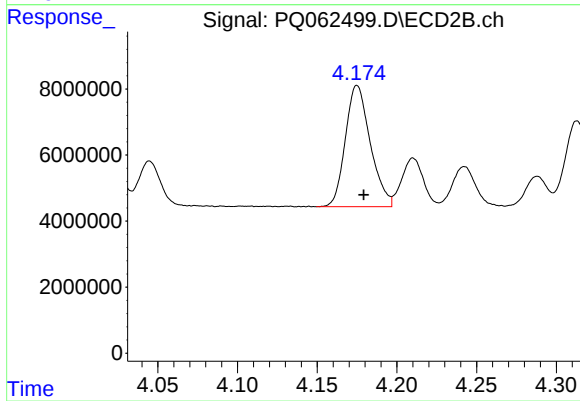
#23 AR-1248-3

R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 35857063
Conc: 396.02 ng/ml



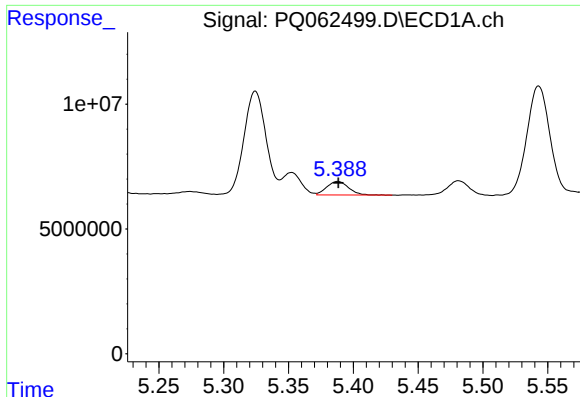
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.001 min
Response: 9002197
Conc: 46.90 ng/ml



#24 AR-1248-4

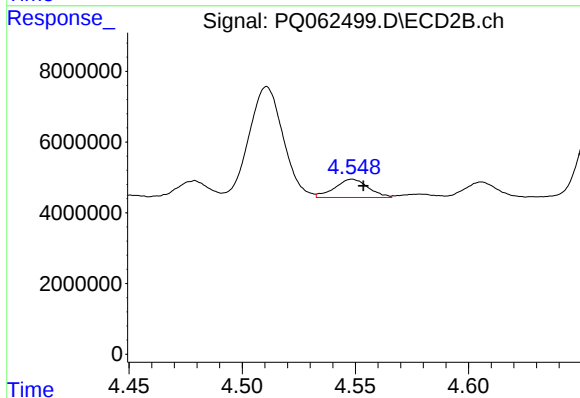
R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 39980692
Conc: 354.31 ng/ml



#25 AR-1248-5

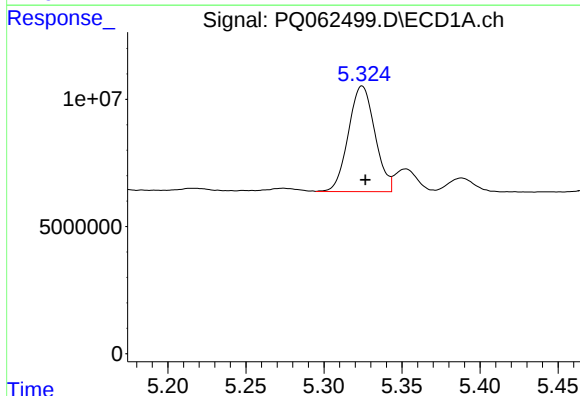
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 6396298
Conc: 35.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



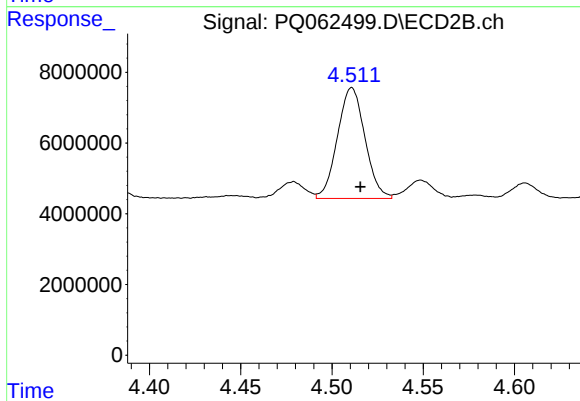
#25 AR-1248-5

R.T.: 4.549 min
Delta R.T.: -0.005 min
Response: 5349913
Conc: 47.75 ng/ml



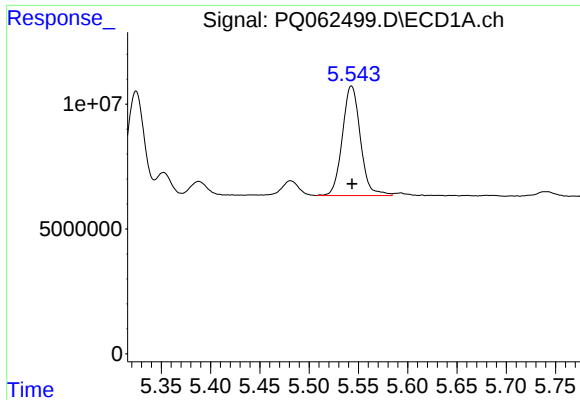
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 49141751
Conc: 264.46 ng/ml



#26 AR-1254-1

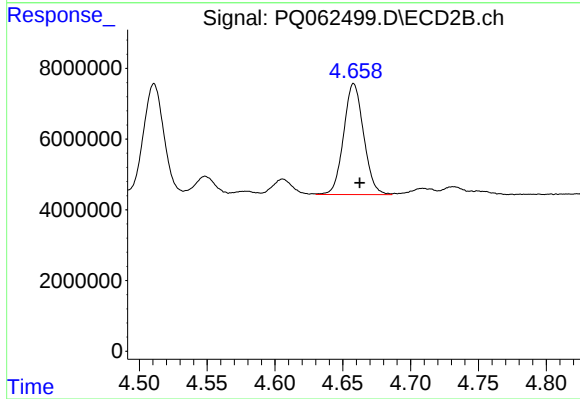
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 32859035
Conc: 203.51 ng/ml



#27 AR-1254-2

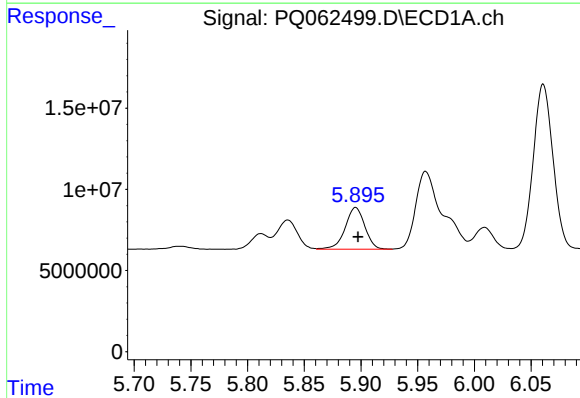
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 55950533
Conc: 192.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



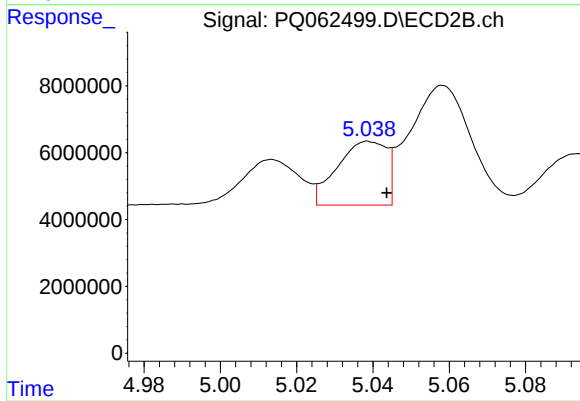
#27 AR-1254-2

R.T.: 4.658 min
Delta R.T.: -0.004 min
Response: 32243829
Conc: 219.01 ng/ml



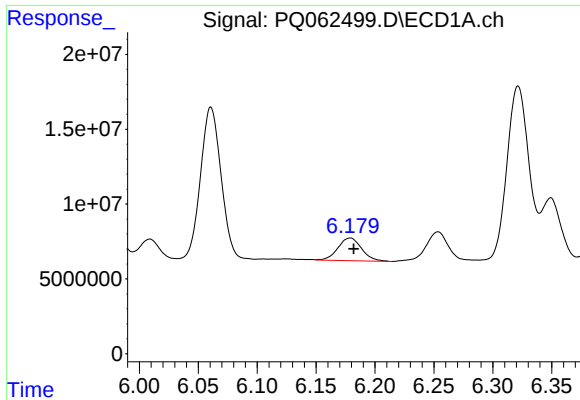
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 31109279
Conc: 101.29 ng/ml



#28 AR-1254-3

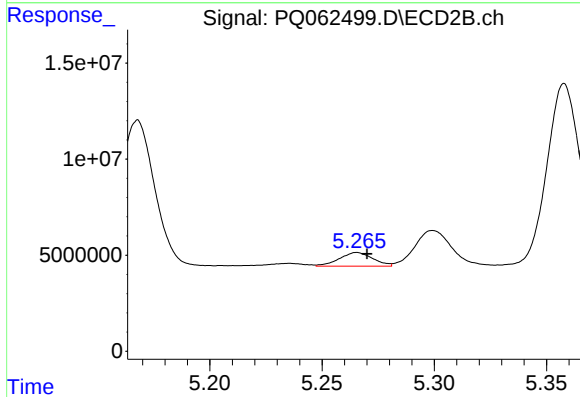
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 17136422
Conc: 73.33 ng/ml



#29 AR-1254-4

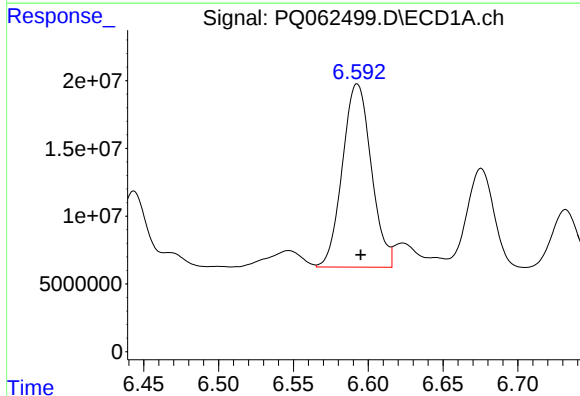
R.T.: 6.179 min
Delta R.T.: -0.003 min
Response: 21401347
Conc: 92.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



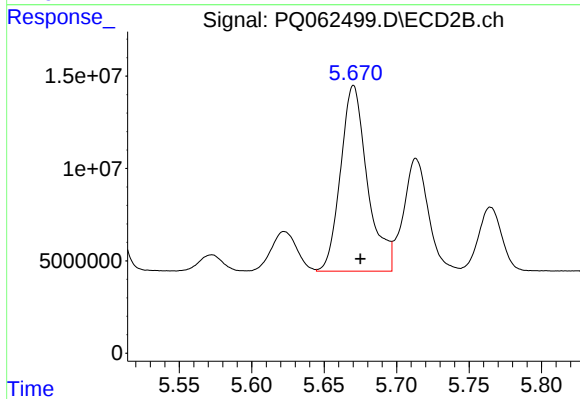
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.005 min
Response: 7323981
Conc: 48.05 ng/ml



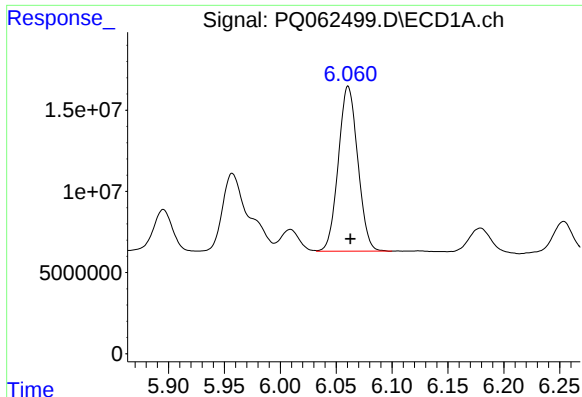
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 181794586
Conc: 707.73 ng/ml



#30 AR-1254-5

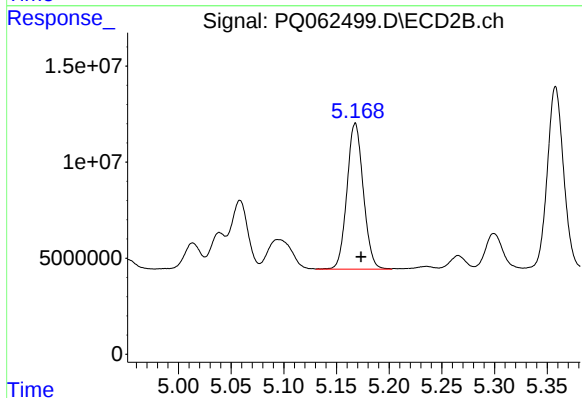
R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 129702118
Conc: 561.98 ng/ml



#31 AR-1260-1

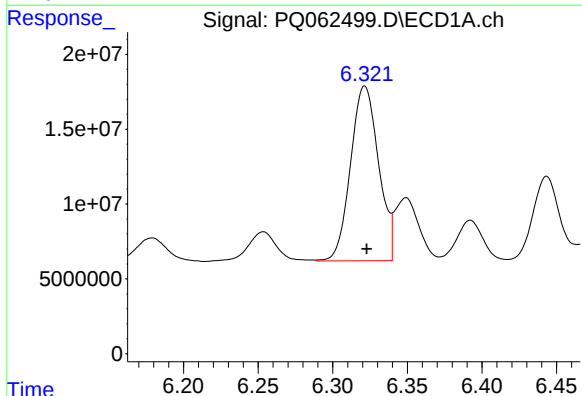
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 123016180
Conc: 521.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



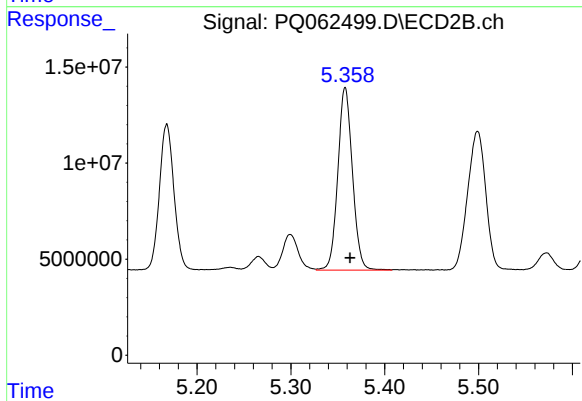
#31 AR-1260-1

R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 81958963
Conc: 492.09 ng/ml



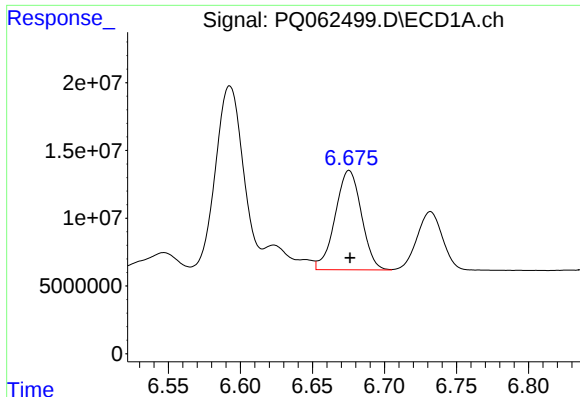
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 152517272
Conc: 528.08 ng/ml



#32 AR-1260-2

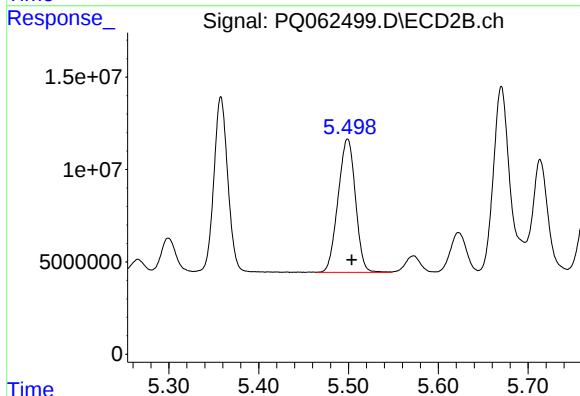
R.T.: 5.358 min
Delta R.T.: -0.005 min
Response: 102663010
Conc: 493.70 ng/ml



#33 AR-1260-3

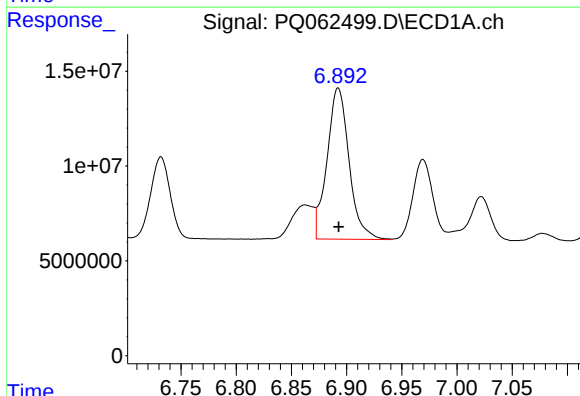
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 92956671
Conc: 526.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



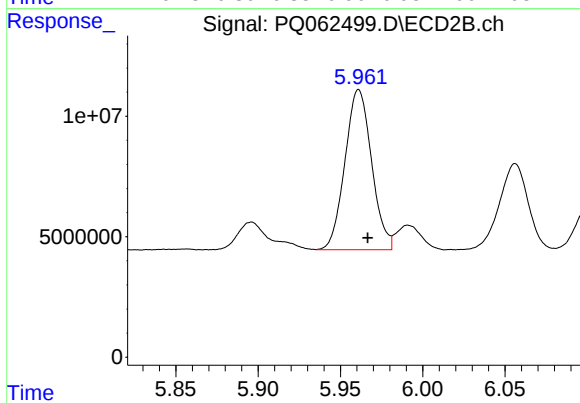
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 96963256
Conc: 498.38 ng/ml



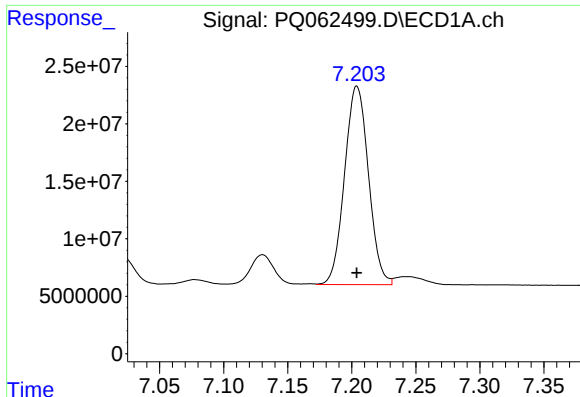
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 110718725
Conc: 525.61 ng/ml



#34 AR-1260-4

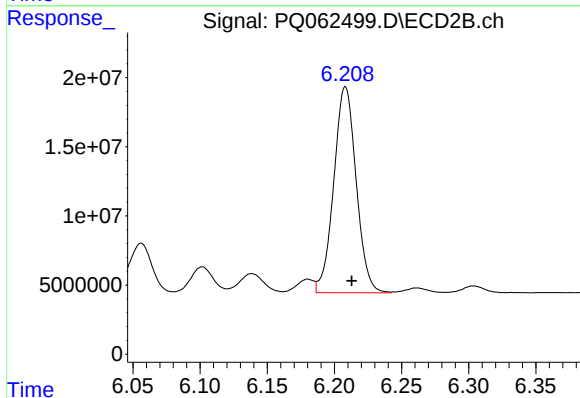
R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 74983303
Conc: 514.07 ng/ml



#35 AR-1260-5

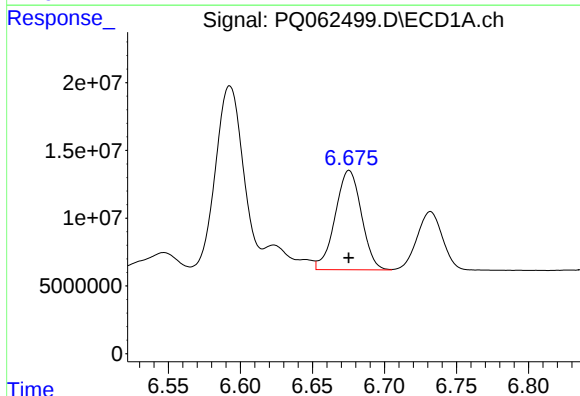
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 223929124
Conc: 545.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



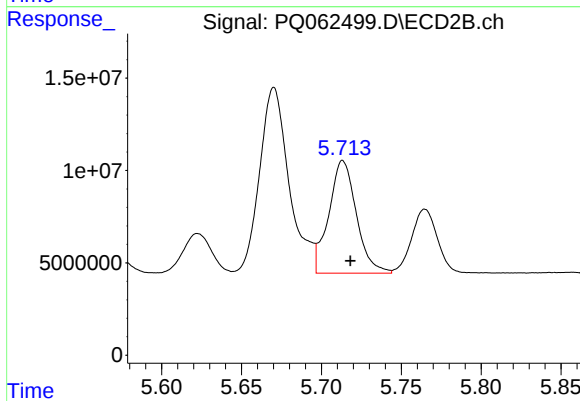
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 173035156
Conc: 521.10 ng/ml



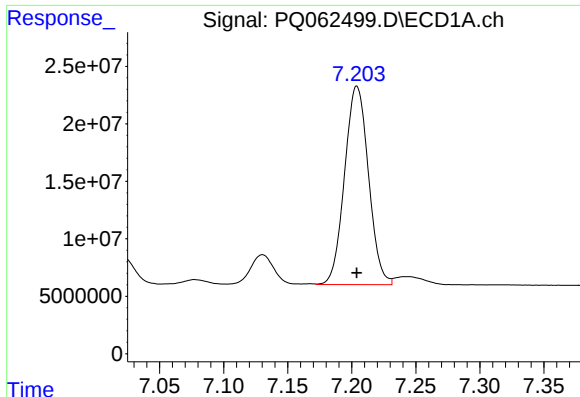
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 92956671
Conc: 304.83 ng/ml



#36 AR-1262-1

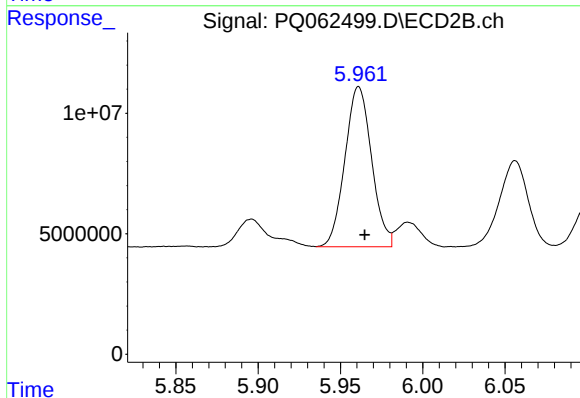
R.T.: 5.713 min
Delta R.T.: -0.005 min
Response: 73337368
Conc: 315.47 ng/ml



#37 AR-1262-2

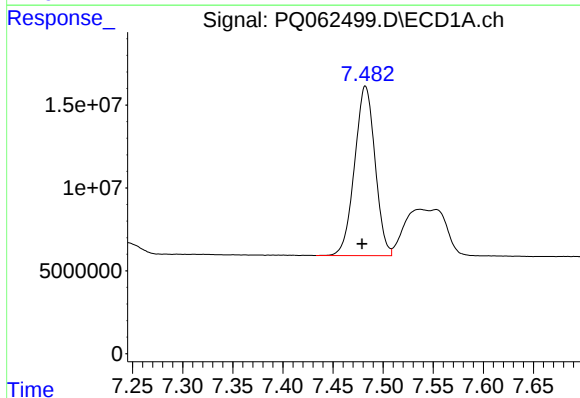
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 223929124
Conc: 425.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



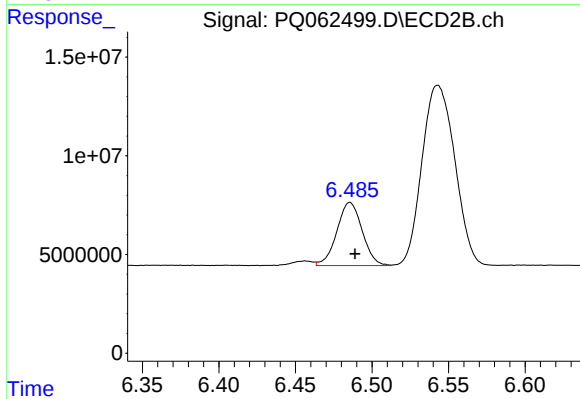
#37 AR-1262-2

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 74983303
Conc: 346.81 ng/ml



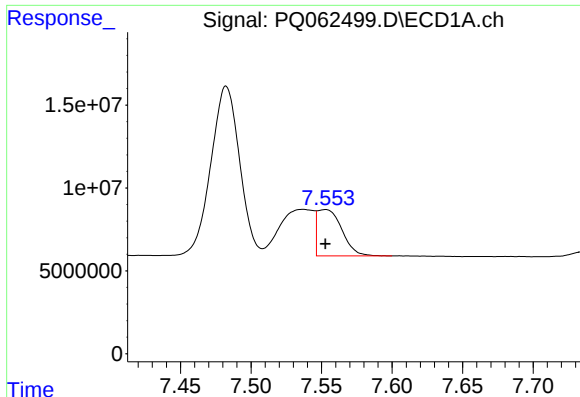
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 145346321
Conc: 412.56 ng/ml



#38 AR-1262-3

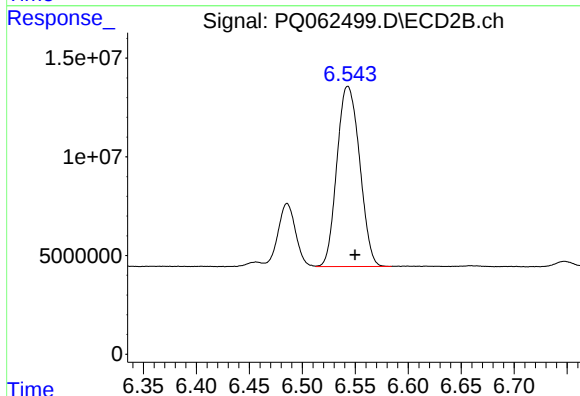
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 36830899
Conc: 211.27 ng/ml



#39 AR-1262-4

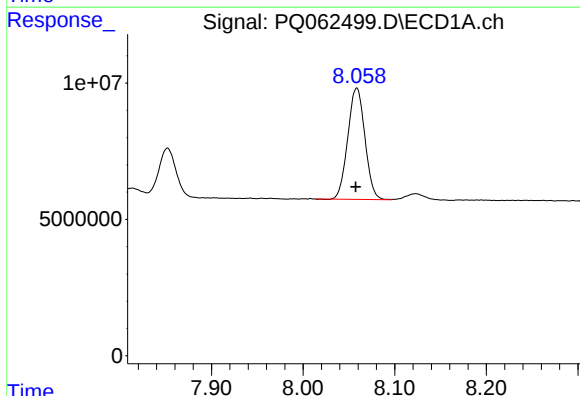
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 33716148
Conc: 126.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



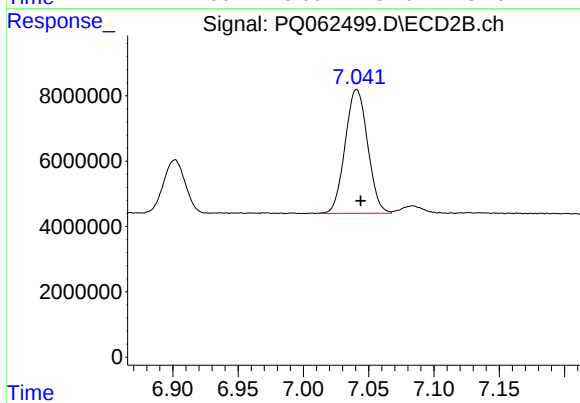
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.007 min
Response: 136256471
Conc: 422.77 ng/ml



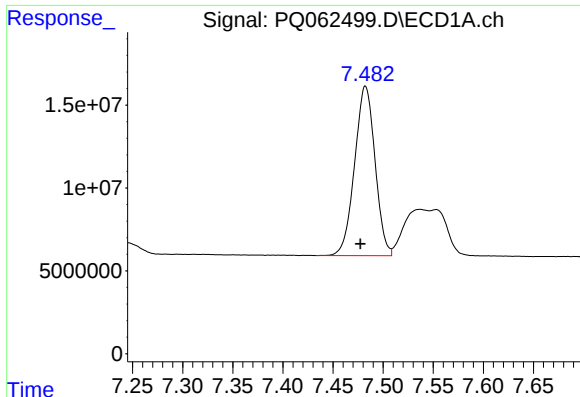
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 53220417
Conc: 299.82 ng/ml



#40 AR-1262-5

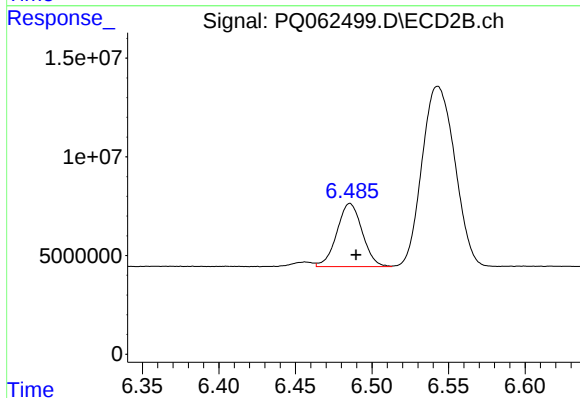
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 45543410
Conc: 293.61 ng/ml



#41 AR-1268-1

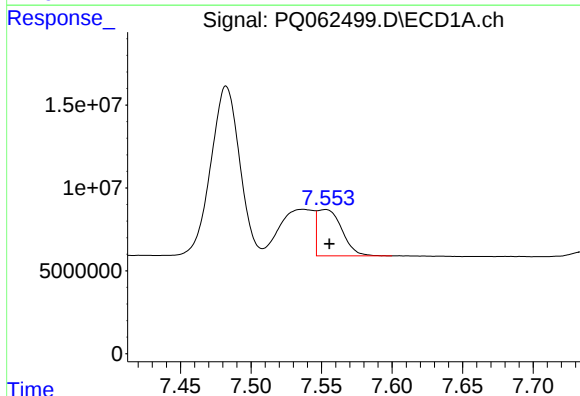
R.T.: 7.482 min
Delta R.T.: 0.005 min
Response: 145346321
Conc: 256.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



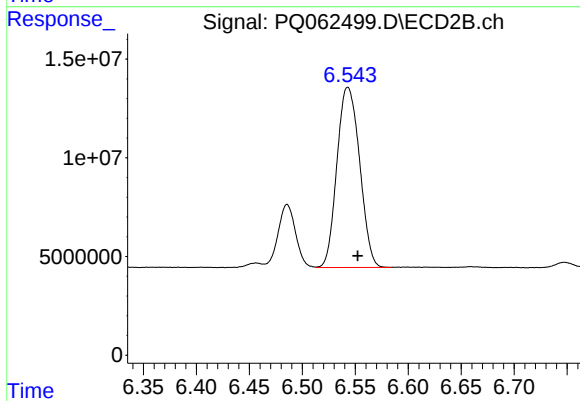
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 36830899
Conc: 78.27 ng/ml



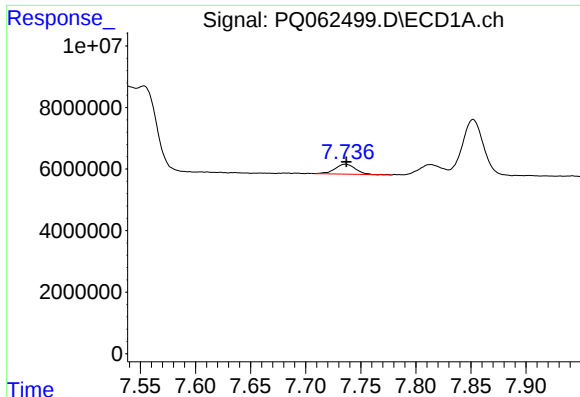
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 33716148
Conc: 66.13 ng/ml



#42 AR-1268-2

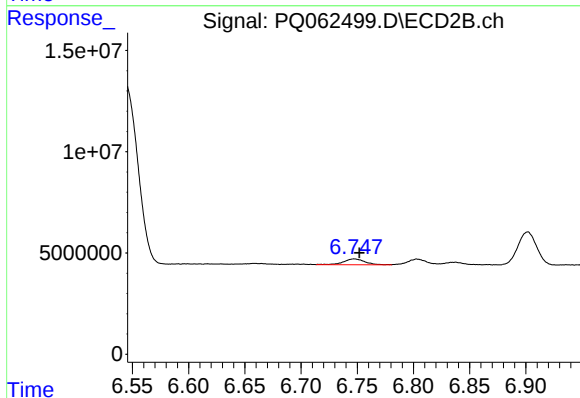
R.T.: 6.543 min
Delta R.T.: -0.009 min
Response: 136256471
Conc: 321.59 ng/ml



#43 AR-1268-3

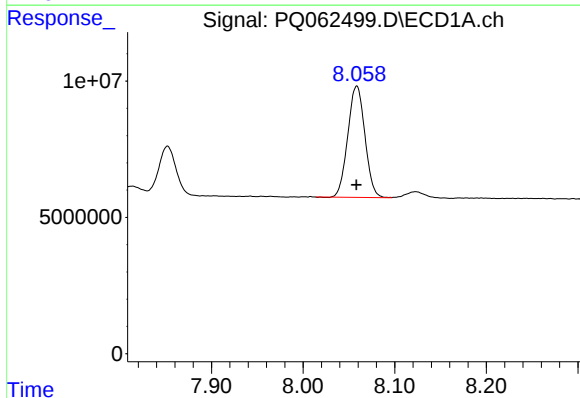
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 4136914
Conc: 9.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



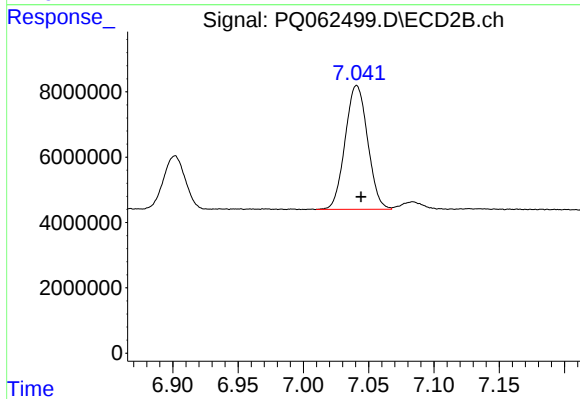
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: -0.004 min
Response: 3724322
Conc: 10.11 ng/ml



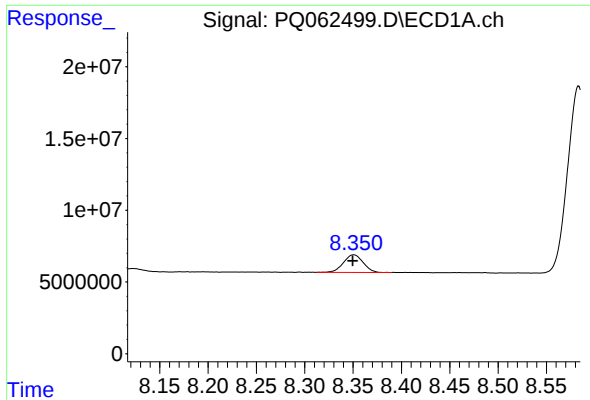
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 53220417
Conc: 290.85 ng/ml



#44 AR-1268-4

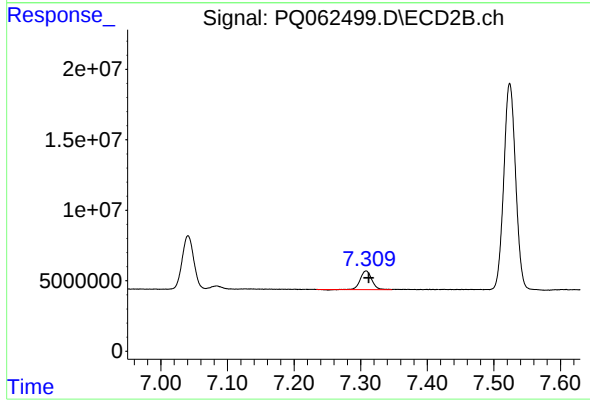
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 45543410
Conc: 284.76 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 17554281
Conc: 13.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 15481520
Conc: 13.27 ng/ml