

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 16:27
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:25:53 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...	3.405	2.759	223.8E6	140.8E6	45.873	56.133
2)	SA Decachlor...	8.586	7.529	151.7E6	158.5E6	41.747	47.555
Target Compounds							
3)	L1 AR-1016-1	4.505	3.760	56895508	38025330	345.412	384.190
4)	L1 AR-1016-2	4.525	3.775	83814856	55487021	338.963	384.795
5)	L1 AR-1016-3	4.582	3.935	52150651	29876509	342.183	396.016
6)	L1 AR-1016-4	4.674	3.985	43013013	26818136	343.156	408.320
7)	L1 AR-1016-5	4.961	4.179	45312333	34883320	372.277	425.502
8)	L2 AR-1221-1	3.602	2.960	6657961	5156088	110.767	156.262 #
9)	L2 AR-1221-2	3.684	3.037	10996272	6875260	244.728	270.679
10)	L2 AR-1221-3	3.754	3.105	37174311	22625145	264.552	293.487
11)	L3 AR-1232-1	3.754	3.105	37174311	22625145	352.025	394.864
12)	L3 AR-1232-2	4.246	3.775	43435983	55487021	734.322	833.702
13)	L3 AR-1232-3	4.525	3.935	83814856	29876509	741.196	864.608
14)	L3 AR-1232-4	4.674	4.021	43013013	29486216	759.056	991.473 #
15)	L3 AR-1232-5	4.771	4.179	35208438	34883320	879.112	978.197
16)	L4 AR-1242-1	4.505	3.760	56895508	38025330	435.300	491.670
17)	L4 AR-1242-2	4.525	3.775	83814856	55487021	431.727	499.170
18)	L4 AR-1242-3	4.582	3.935	52150651	29876509	431.553	510.046
19)	L4 AR-1242-4	4.674	4.021	43013013	29486216	441.224	502.936
20)	L4 AR-1242-5	5.389	4.516	41775294	42341527	436.386	510.800
21)	L5 AR-1248-1	4.505	3.760	56895508	38025330	547.185	608.207
22)	L5 AR-1248-2	4.771	3.985	35208438	26818136	245.078	286.003
23)	L5 AR-1248-3	4.961	4.021	45312333	29486216	260.846	325.657
24)	L5 AR-1248-4	5.355	4.179	43324410	34883320	225.730	309.141 #
25)	L5 AR-1248-5	5.389	4.553	41775294	33117288	230.647	295.604 #
26)	L6 AR-1254-1	5.326	4.516	36508041	42341527	196.469	262.237 #
27)	L6 AR-1254-2	5.541	4.662	43194906	14354480	148.583	97.501 #
28)	L6 AR-1254-3	5.898	5.042	21573995	18734135	70.242	80.163
29)	L6 AR-1254-4	6.183	5.269	16734141	13371731	72.070	87.733
30)	L6 AR-1254-5	6.596	5.674	7161377	8916068	27.879	38.632 #
31)	L7 AR-1260-1	6.064	5.174	4257321	11530814	18.045	69.232 #
32)	L7 AR-1260-2	6.324	5.362	5452421	5325209	18.879	25.609 #
33)	L7 AR-1260-3	6.649f	5.498	885231	6173871	5.013	31.733 #
34)	L7 AR-1260-4	6.873	5.996f	3582969	2491156	17.009	17.079
35)	L7 AR-1260-5	7.206	6.210	948078	1578675	2.309	4.754 #
36)	L8 AR-1262-1	6.649f	5.737	885231	1001449	2.903	4.308 #
37)	L8 AR-1262-2	7.206	5.996f	948078	2491156	1.800	11.522 #
38)	L8 AR-1262-3	7.484	6.489	1283051	770930	3.642	4.422
39)	L8 AR-1262-4	7.580f	6.542	633275	1330822	2.374	4.129 #
40)	L8 AR-1262-5	8.057	7.041	302109	671511	1.702	4.329 #
41)	L9 AR-1268-1	7.484	6.489	1283051	770930	2.261	1.638 #

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 Acq On : 17 Jul 2023 16:27
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

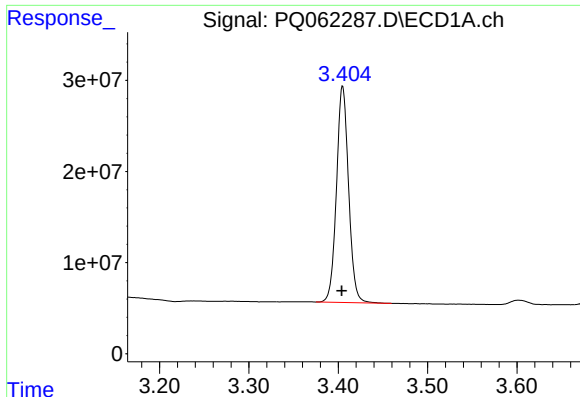
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 22:25:53 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
42) L9	AR-1268-2	7.580	6.542	633275	1330822	1.242	3.141 #
43) L9	AR-1268-3	0.000	6.756	0	891545	N.D.	2.421 #
44) L9	AR-1268-4	8.057	7.041	302109	671511	1.651	4.199 #
45) L9	AR-1268-5	8.351	7.312	724924	1968202	0.575	1.687 #

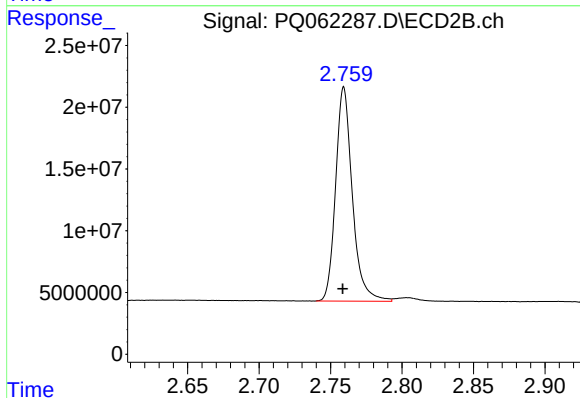
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

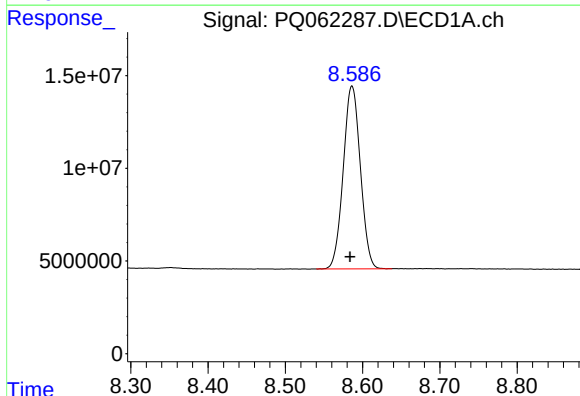
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 223778080
Conc: 45.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



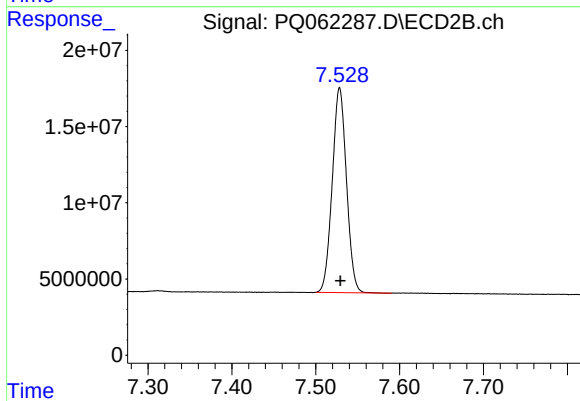
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 140844146
Conc: 56.13 ng/ml



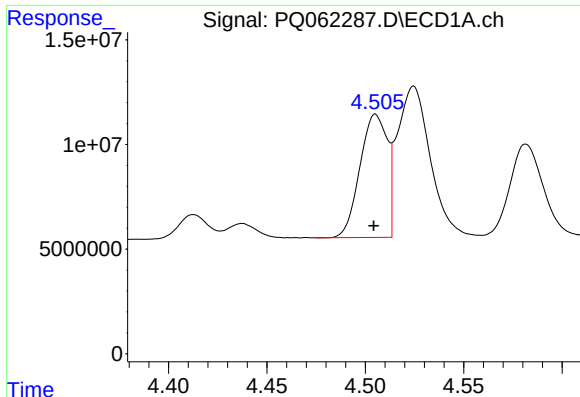
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.003 min
Response: 151655409
Conc: 41.75 ng/ml



#2 Decachlorobiphenyl

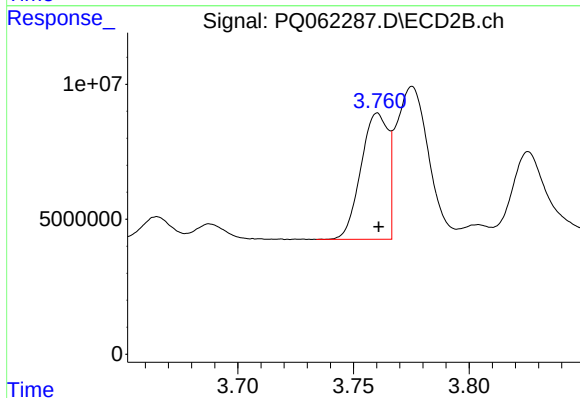
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 158460406
Conc: 47.55 ng/ml



#3 AR-1016-1

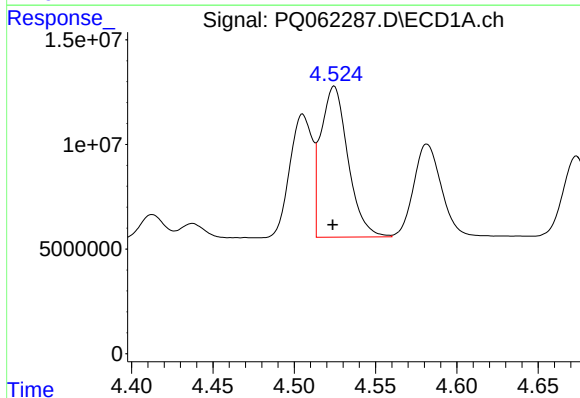
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 56895508
Conc: 345.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



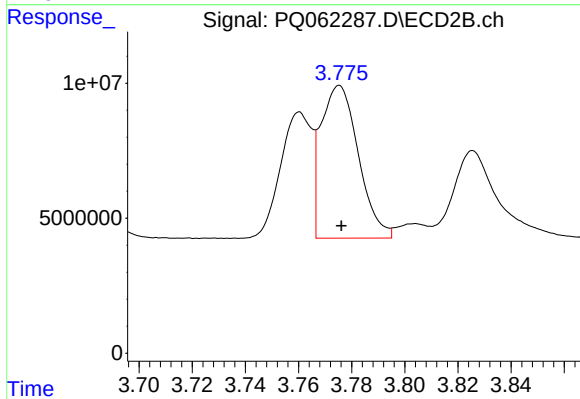
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 38025330
Conc: 384.19 ng/ml



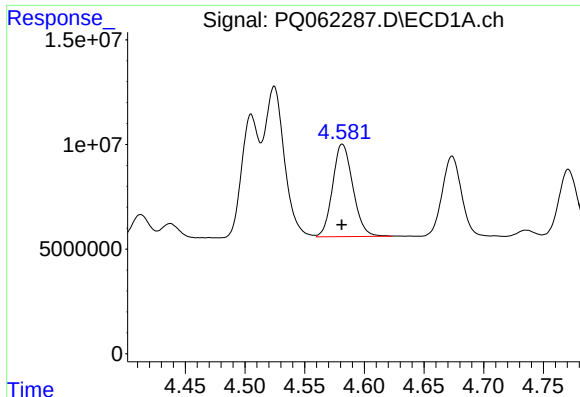
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 83814856
Conc: 338.96 ng/ml



#4 AR-1016-2

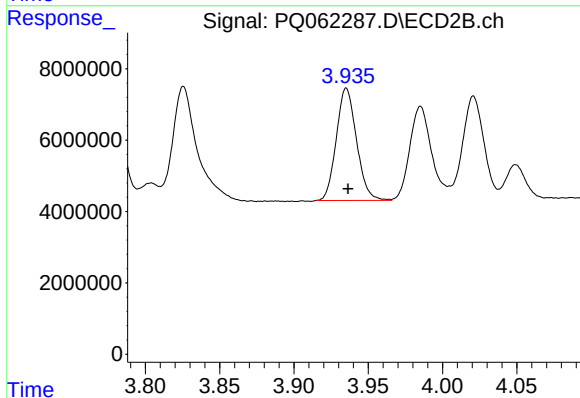
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 55487021
Conc: 384.79 ng/ml



#5 AR-1016-3

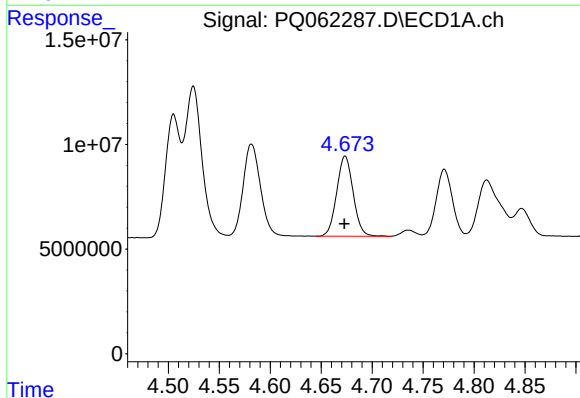
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 52150651
Conc: 342.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



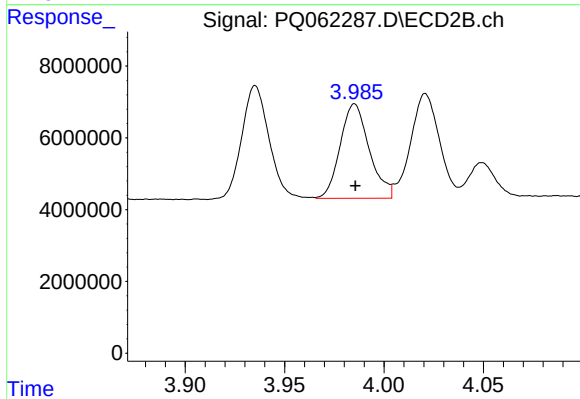
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 29876509
Conc: 396.02 ng/ml



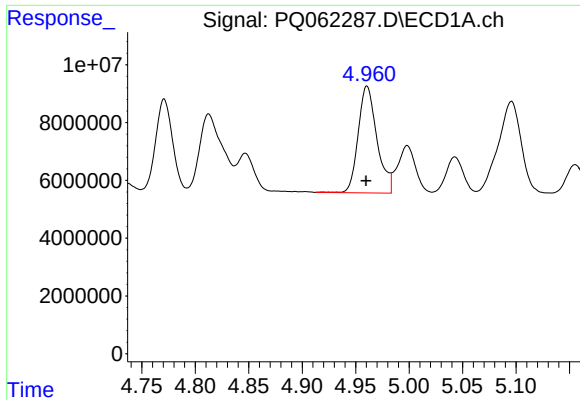
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 43013013
Conc: 343.16 ng/ml



#6 AR-1016-4

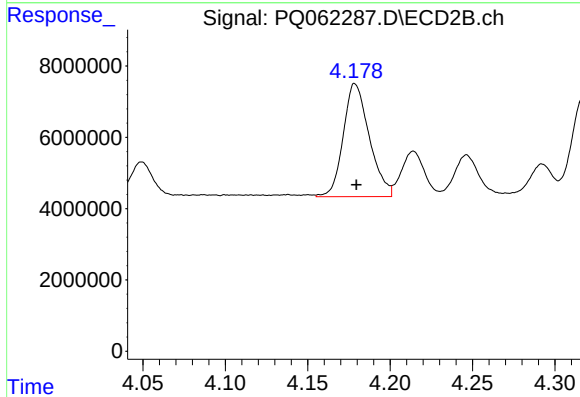
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 26818136
Conc: 408.32 ng/ml



#7 AR-1016-5

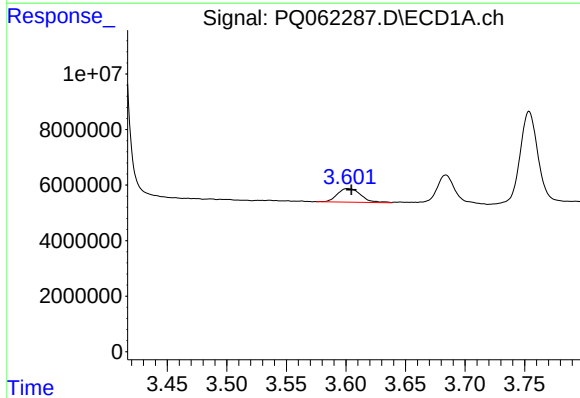
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 45312333
Conc: 372.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



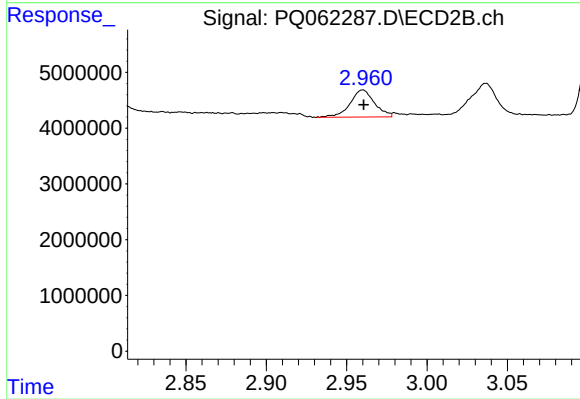
#7 AR-1016-5

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 34883320
Conc: 425.50 ng/ml



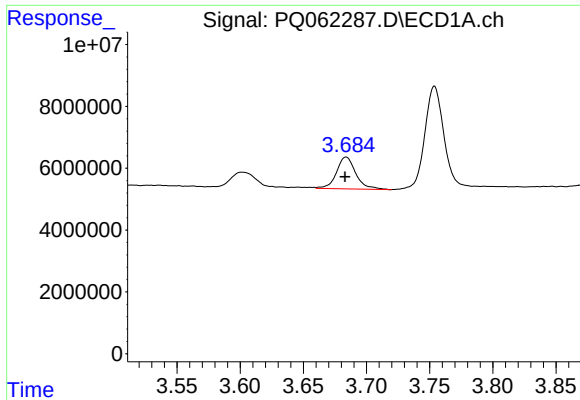
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 6657961
Conc: 110.77 ng/ml



#8 AR-1221-1

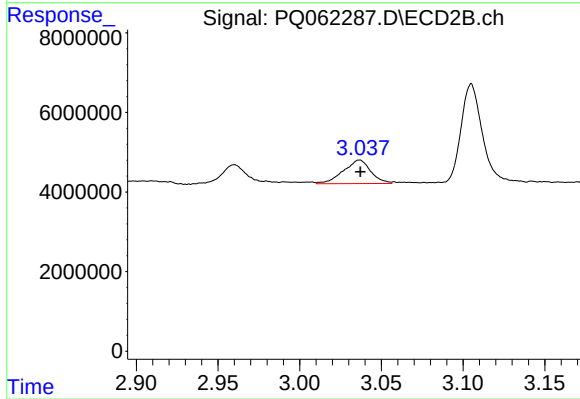
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 5156088
Conc: 156.26 ng/ml



#9 AR-1221-2

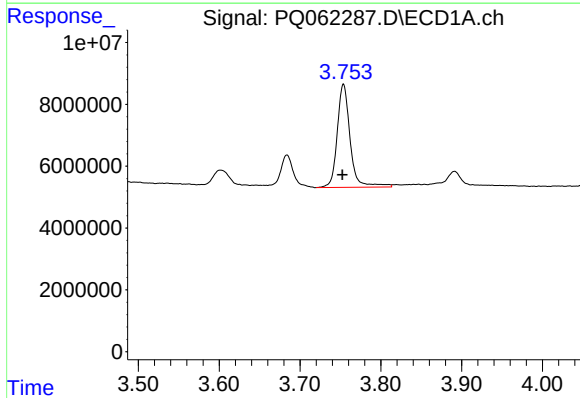
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 10996272
Conc: 244.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



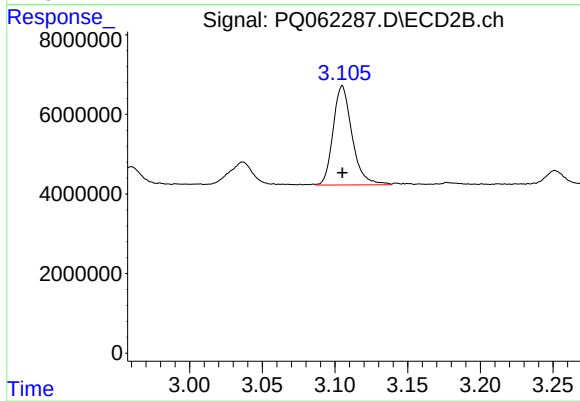
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 6875260
Conc: 270.68 ng/ml



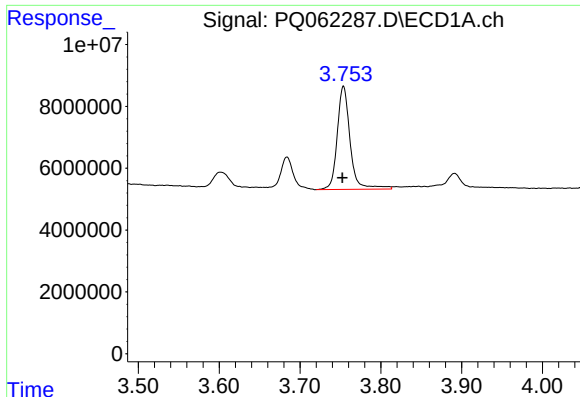
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 37174311
Conc: 264.55 ng/ml



#10 AR-1221-3

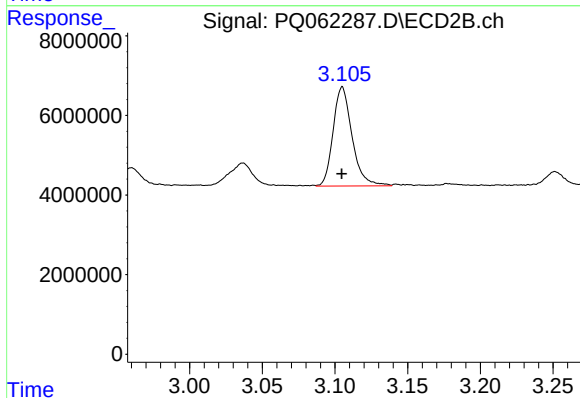
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 22625145
Conc: 293.49 ng/ml



#11 AR-1232-1

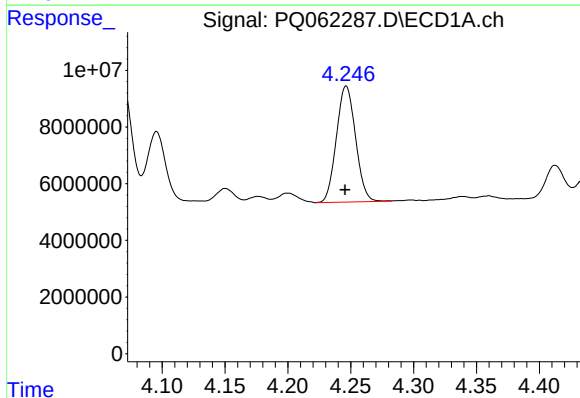
R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 37174311
Conc: 352.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



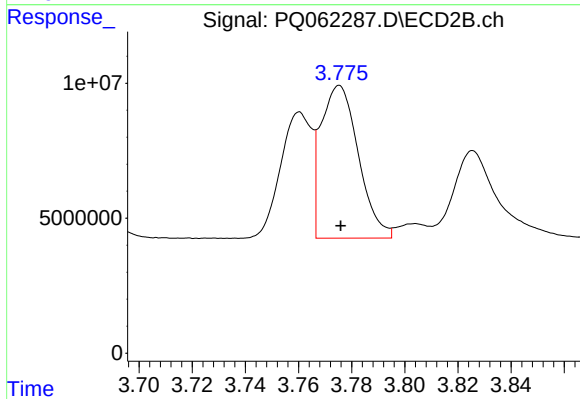
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 22625145
Conc: 394.86 ng/ml



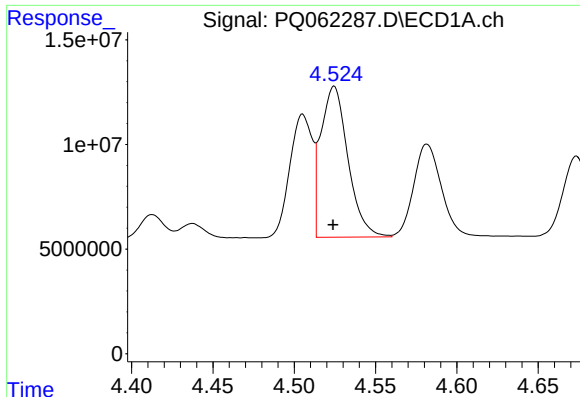
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 43435983
Conc: 734.32 ng/ml



#12 AR-1232-2

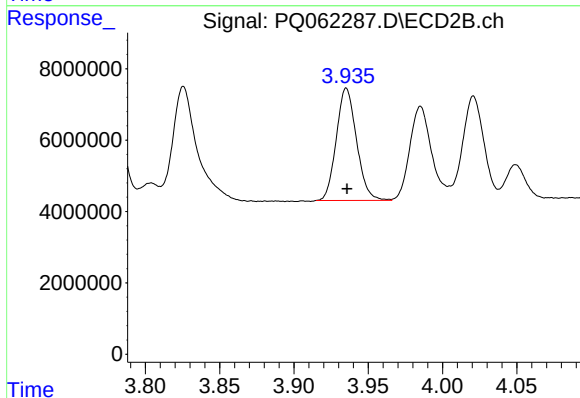
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 55487021
Conc: 833.70 ng/ml



#13 AR-1232-3

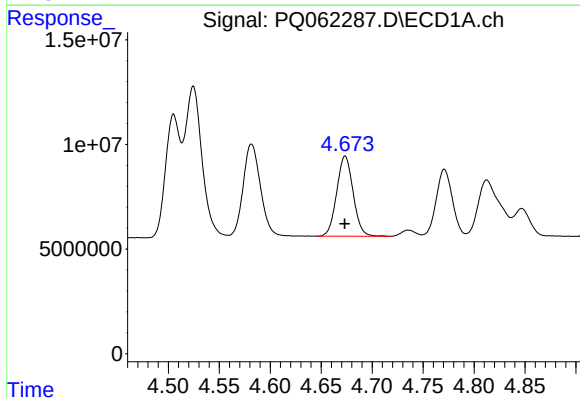
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 83814856
Conc: 741.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



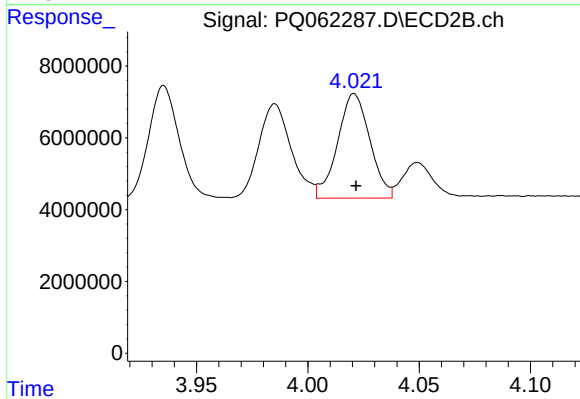
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 29876509
Conc: 864.61 ng/ml



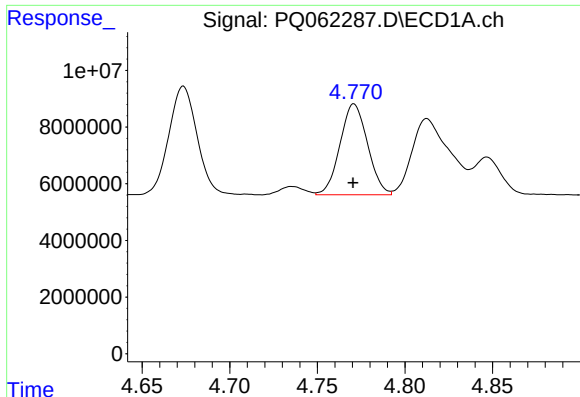
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 43013013
Conc: 759.06 ng/ml



#14 AR-1232-4

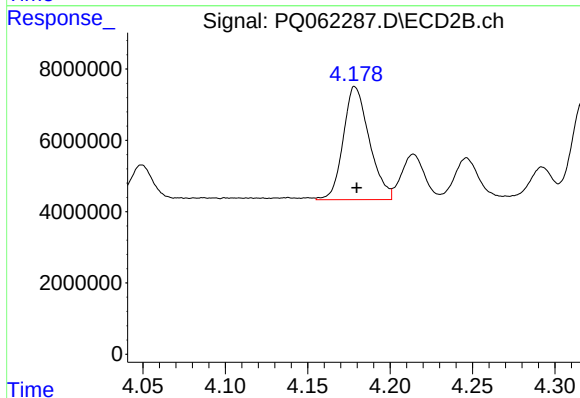
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 29486216
Conc: 991.47 ng/ml



#15 AR-1232-5

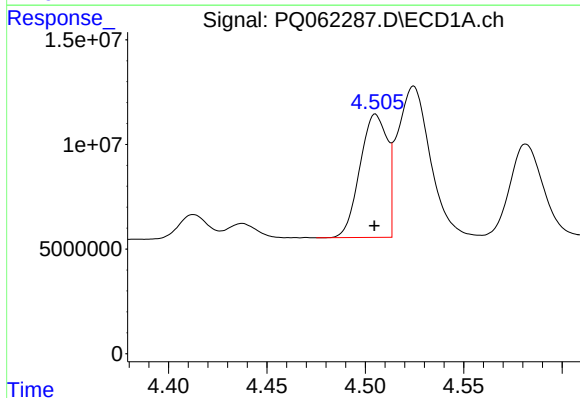
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 35208438
Conc: 879.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



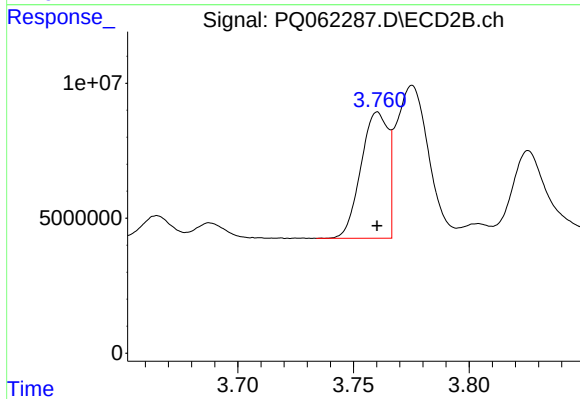
#15 AR-1232-5

R.T.: 4.179 min
Delta R.T.: -0.001 min
Response: 34883320
Conc: 978.20 ng/ml



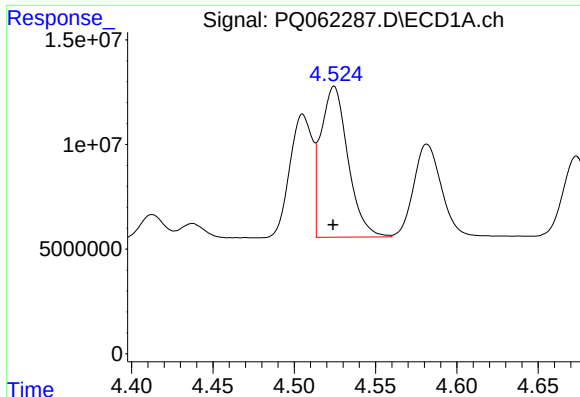
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 56895508
Conc: 435.30 ng/ml



#16 AR-1242-1

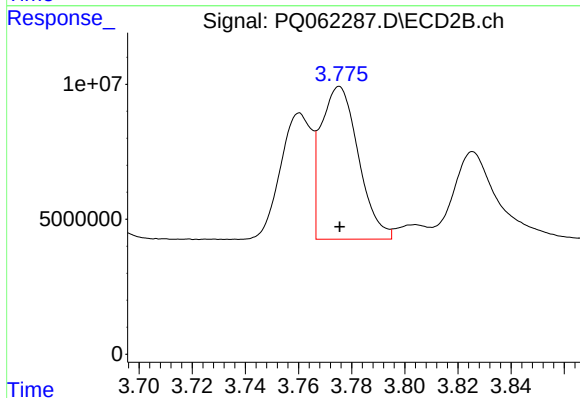
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 38025330
Conc: 491.67 ng/ml



#17 AR-1242-2

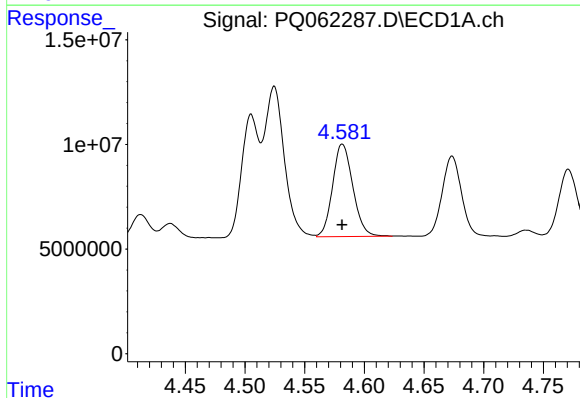
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 83814856
Conc: 431.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



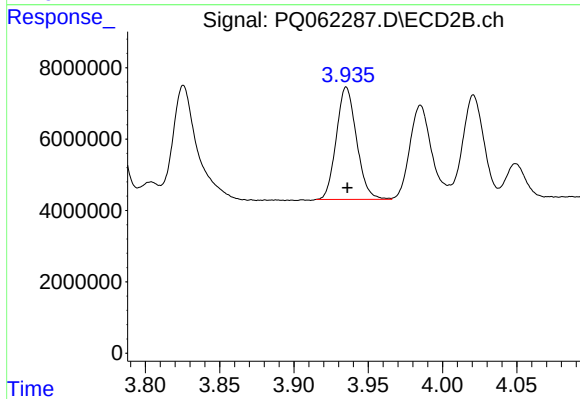
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 55487021
Conc: 499.17 ng/ml



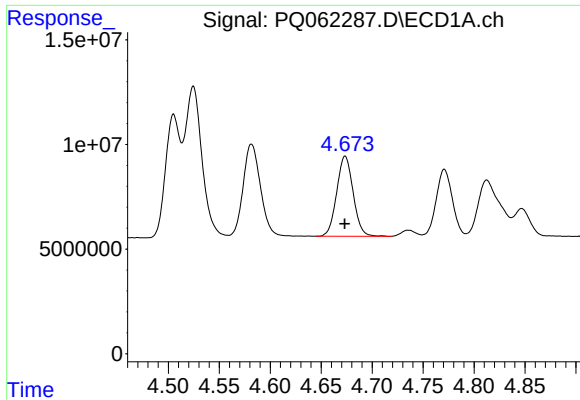
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 52150651
Conc: 431.55 ng/ml



#18 AR-1242-3

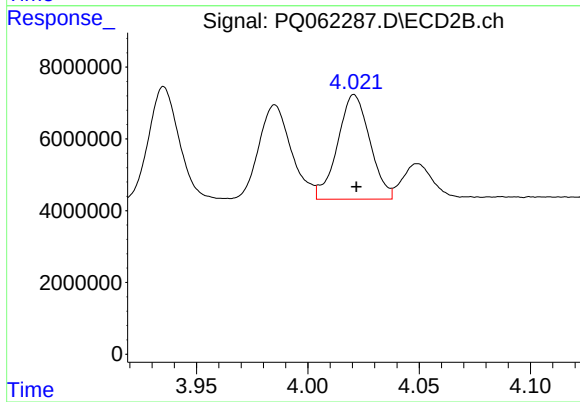
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 29876509
Conc: 510.05 ng/ml



#19 AR-1242-4

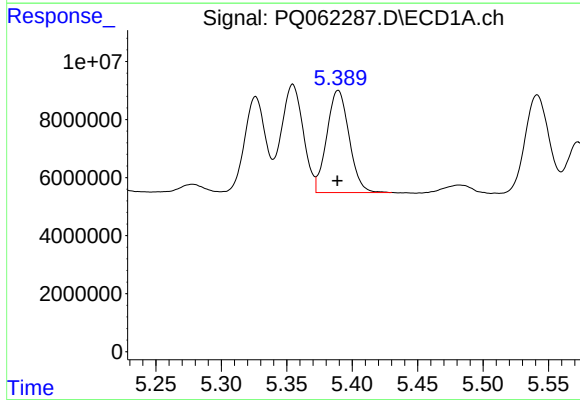
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 43013013
Conc: 441.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



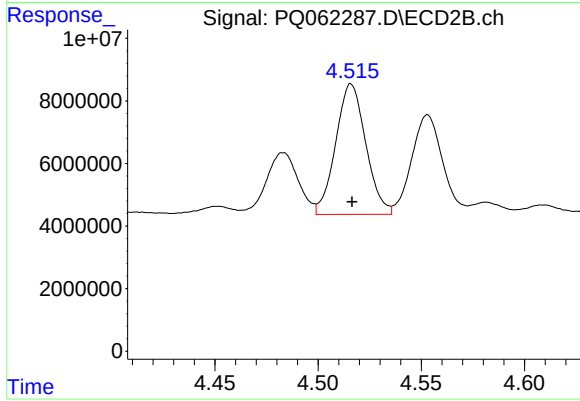
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 29486216
Conc: 502.94 ng/ml



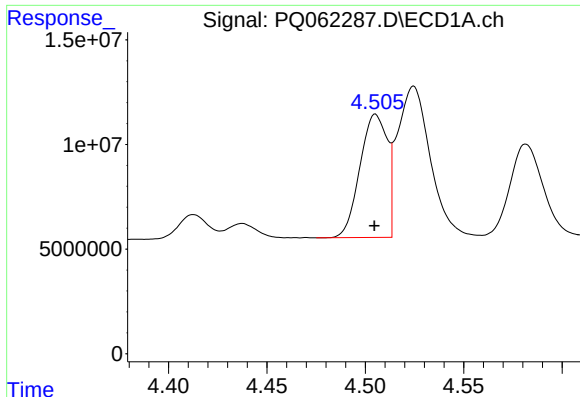
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 41775294
Conc: 436.39 ng/ml



#20 AR-1242-5

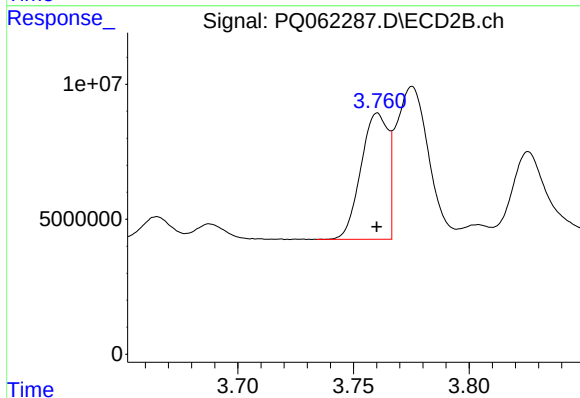
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 42341527
Conc: 510.80 ng/ml



#21 AR-1248-1

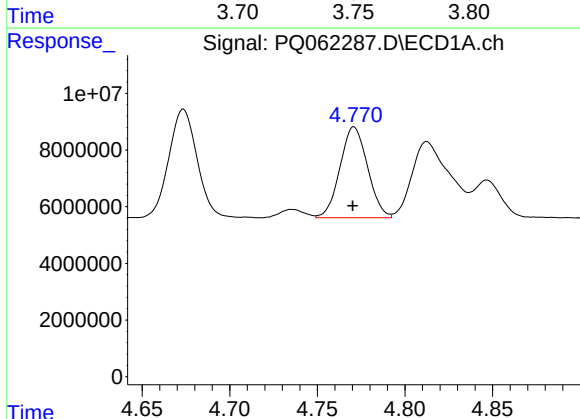
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 56895508
Conc: 547.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



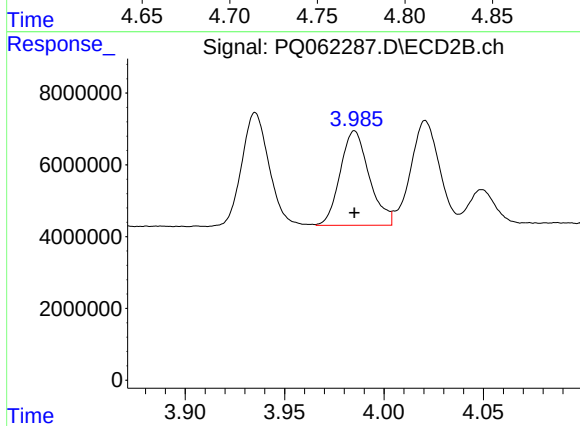
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 38025330
Conc: 608.21 ng/ml



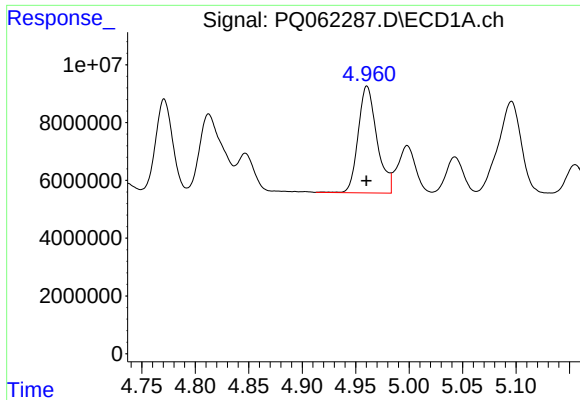
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 35208438
Conc: 245.08 ng/ml



#22 AR-1248-2

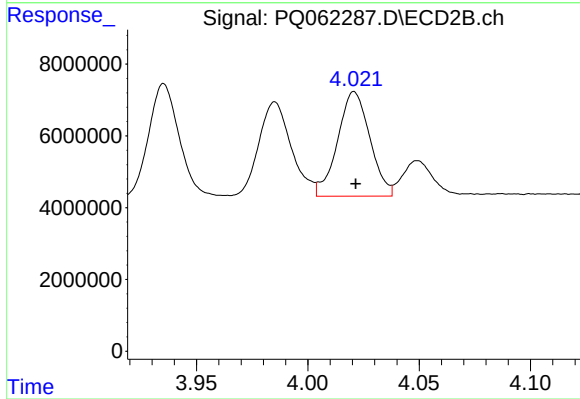
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 26818136
Conc: 286.00 ng/ml



#23 AR-1248-3

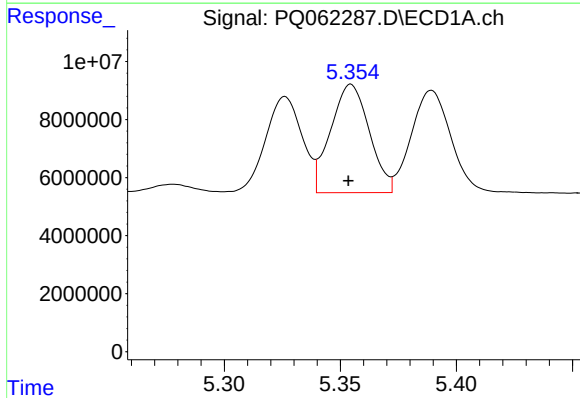
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 45312333
Conc: 260.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



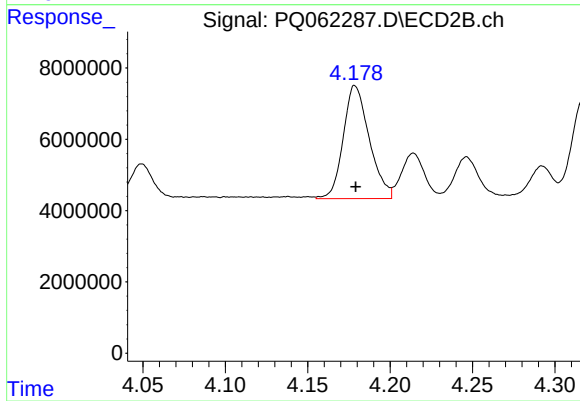
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 29486216
Conc: 325.66 ng/ml



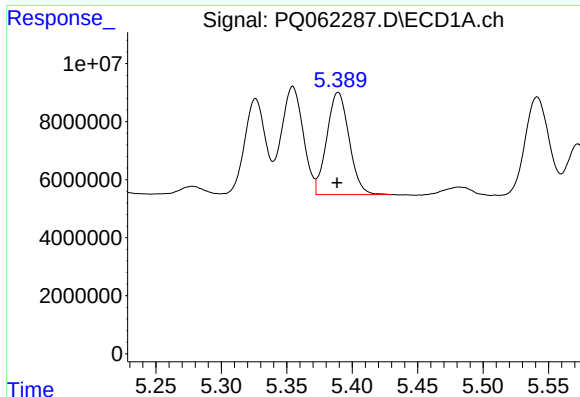
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.001 min
Response: 43324410
Conc: 225.73 ng/ml



#24 AR-1248-4

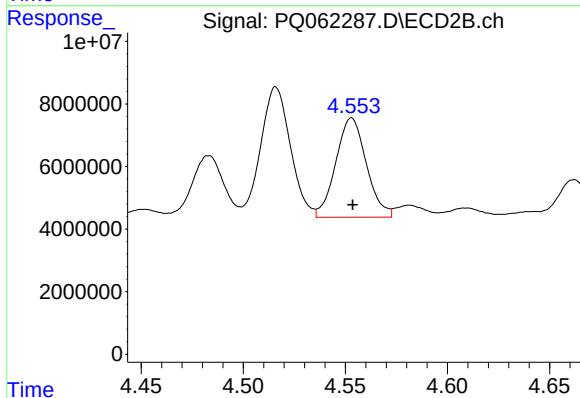
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 34883320
Conc: 309.14 ng/ml



#25 AR-1248-5

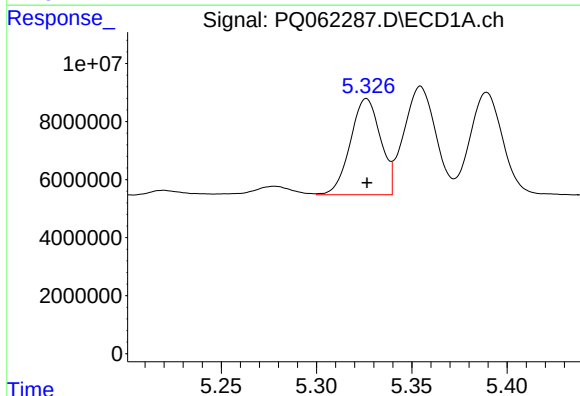
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 41775294
Conc: 230.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



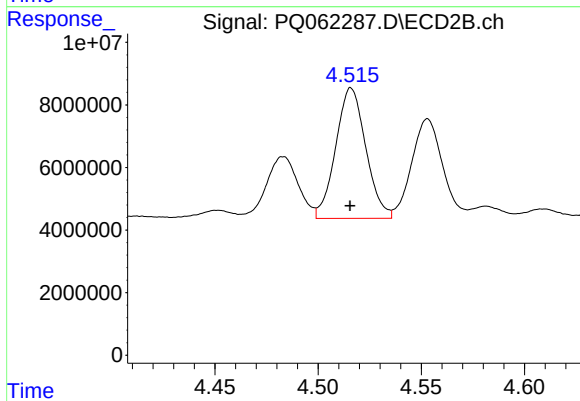
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 33117288
Conc: 295.60 ng/ml



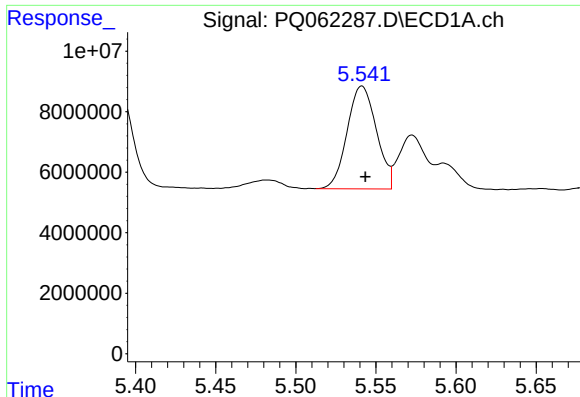
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 36508041
Conc: 196.47 ng/ml



#26 AR-1254-1

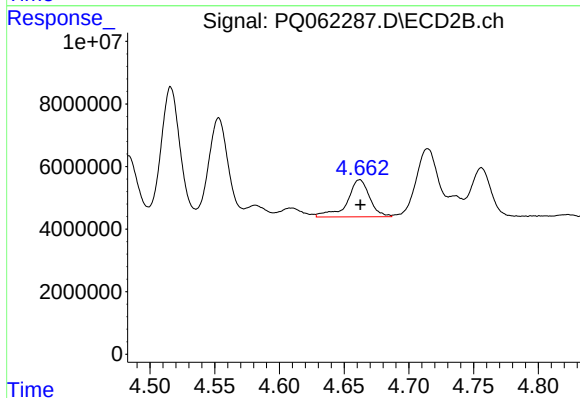
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 42341527
Conc: 262.24 ng/ml



#27 AR-1254-2

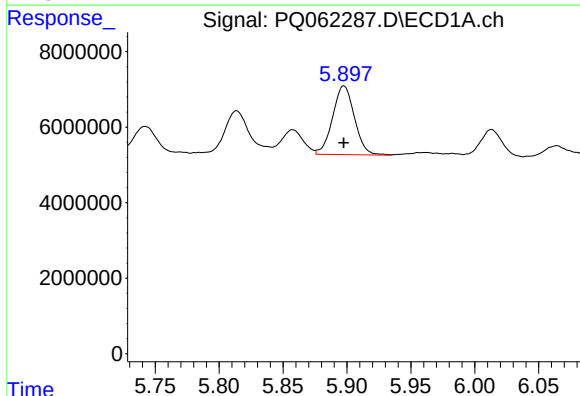
R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 43194906
Conc: 148.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



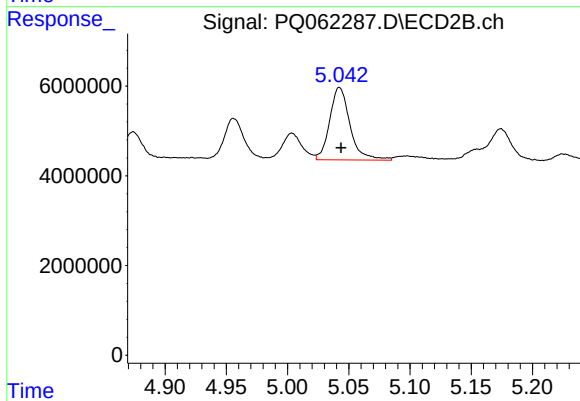
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 14354480
Conc: 97.50 ng/ml



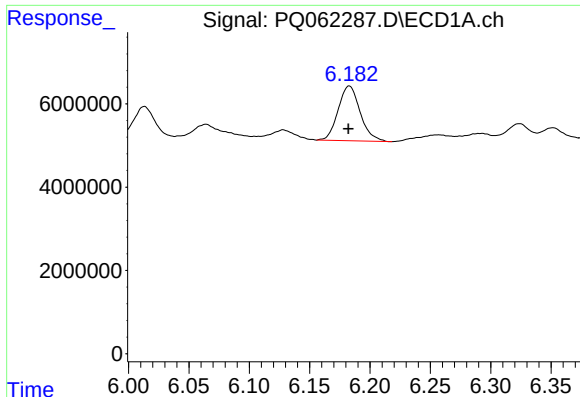
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 21573995
Conc: 70.24 ng/ml



#28 AR-1254-3

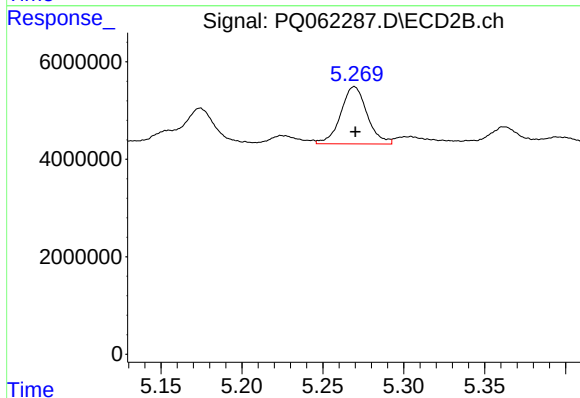
R.T.: 5.042 min
Delta R.T.: -0.001 min
Response: 18734135
Conc: 80.16 ng/ml



#29 AR-1254-4

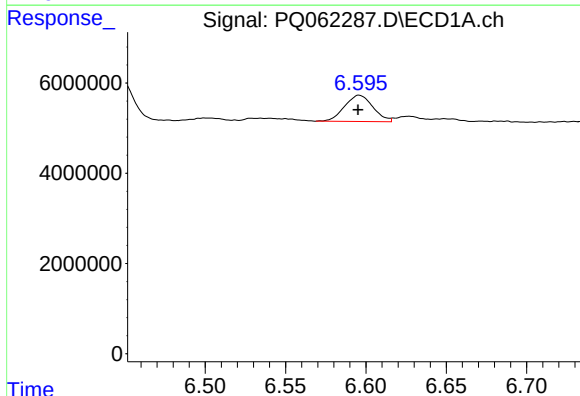
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 16734141
Conc: 72.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



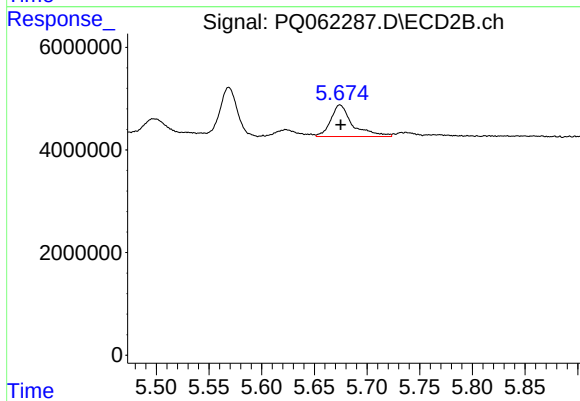
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 13371731
Conc: 87.73 ng/ml



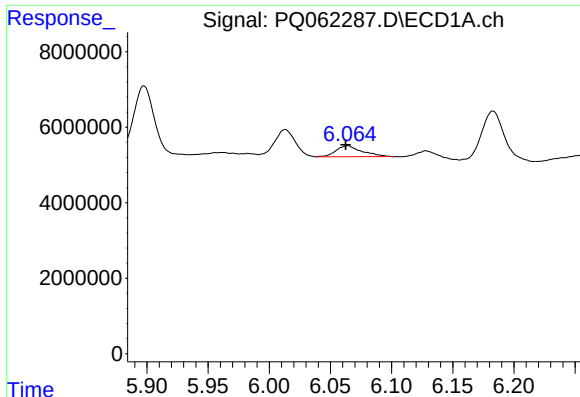
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 7161377
Conc: 27.88 ng/ml



#30 AR-1254-5

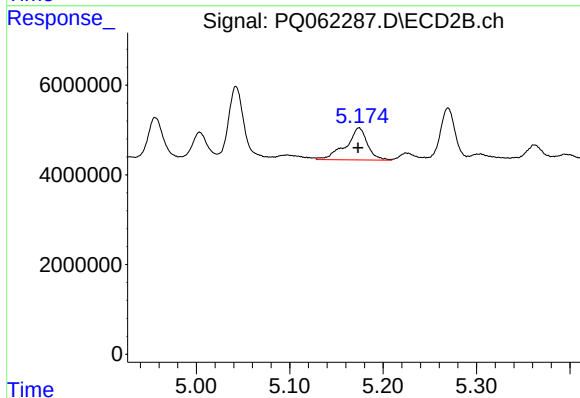
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 8916068
Conc: 38.63 ng/ml



#31 AR-1260-1

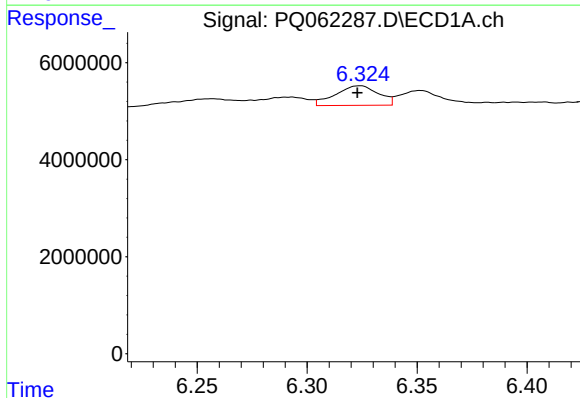
R.T.: 6.064 min
Delta R.T.: 0.001 min
Response: 4257321
Conc: 18.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



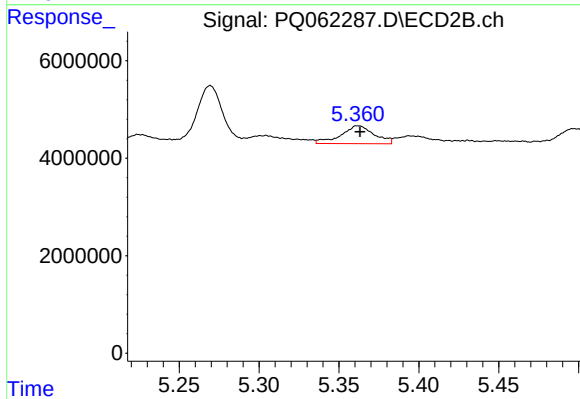
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: 0.001 min
Response: 11530814
Conc: 69.23 ng/ml



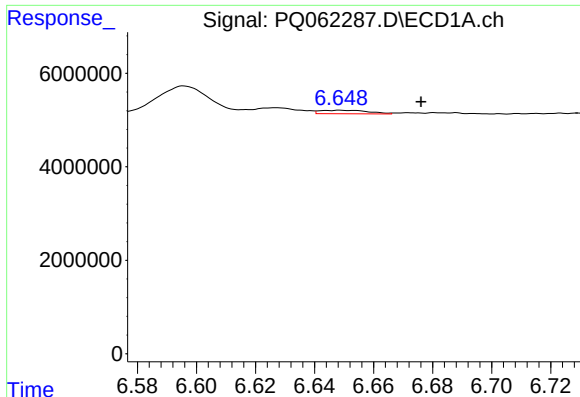
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 5452421
Conc: 18.88 ng/ml



#32 AR-1260-2

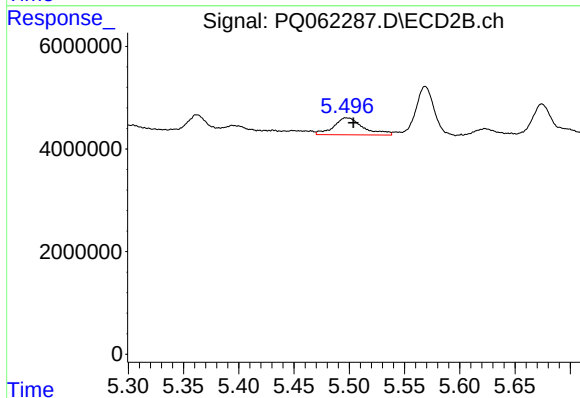
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 5325209
Conc: 25.61 ng/ml



#33 AR-1260-3

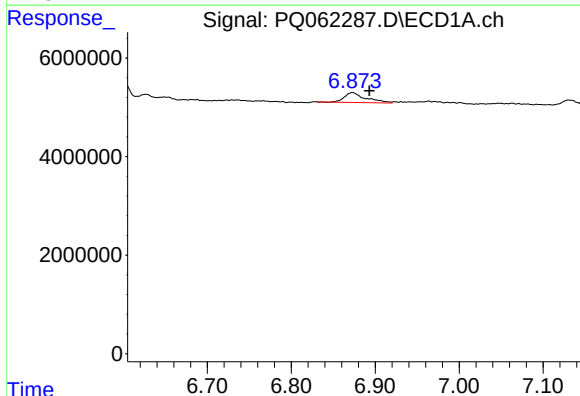
R.T.: 6.649 min
Delta R.T.: -0.027 min
Response: 885231
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



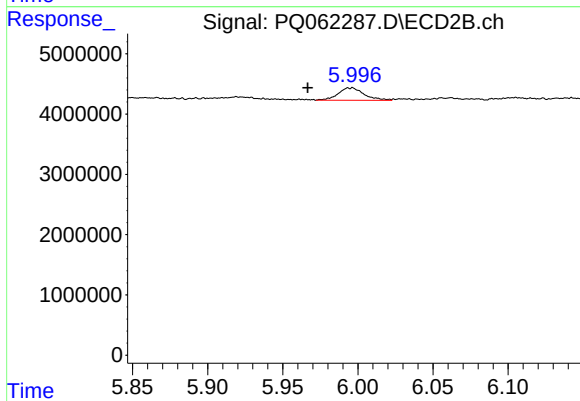
#33 AR-1260-3

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 6173871
Conc: 31.73 ng/ml



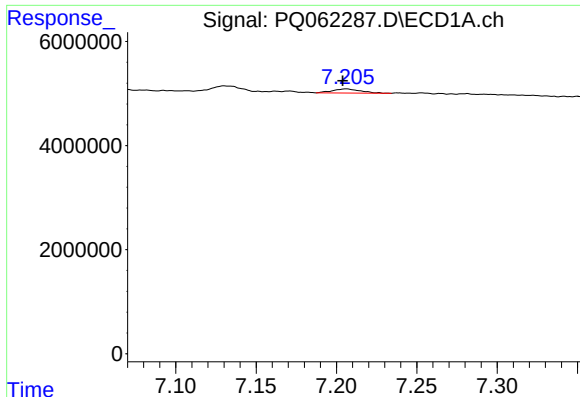
#34 AR-1260-4

R.T.: 6.873 min
Delta R.T.: -0.020 min
Response: 3582969
Conc: 17.01 ng/ml



#34 AR-1260-4

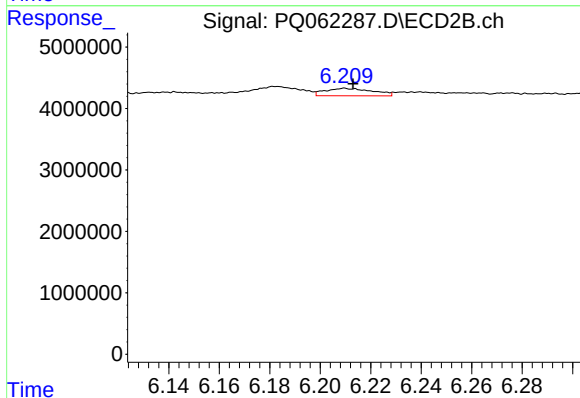
R.T.: 5.996 min
Delta R.T.: 0.029 min
Response: 2491156
Conc: 17.08 ng/ml



#35 AR-1260-5

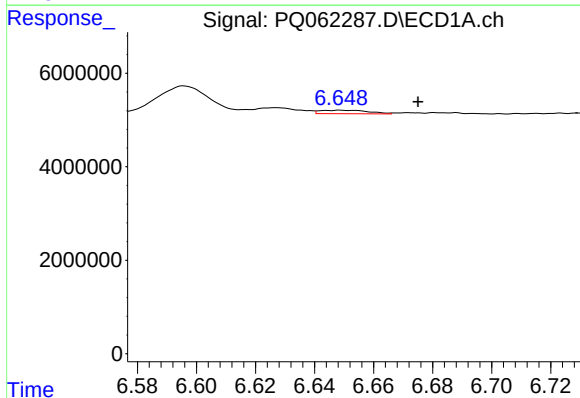
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 948078
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



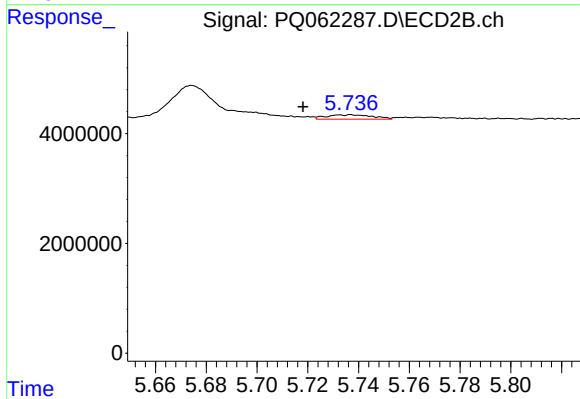
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 1578675
Conc: 4.75 ng/ml



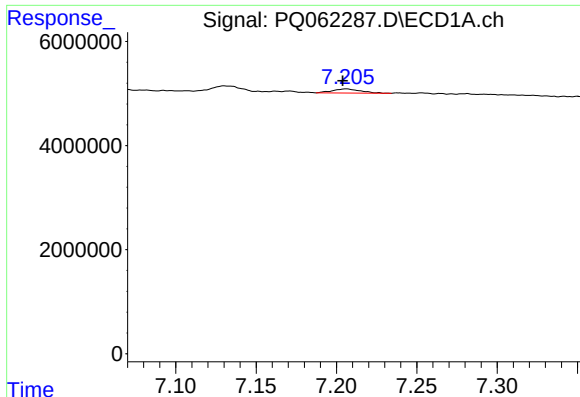
#36 AR-1262-1

R.T.: 6.649 min
Delta R.T.: -0.026 min
Response: 885231
Conc: 2.90 ng/ml



#36 AR-1262-1

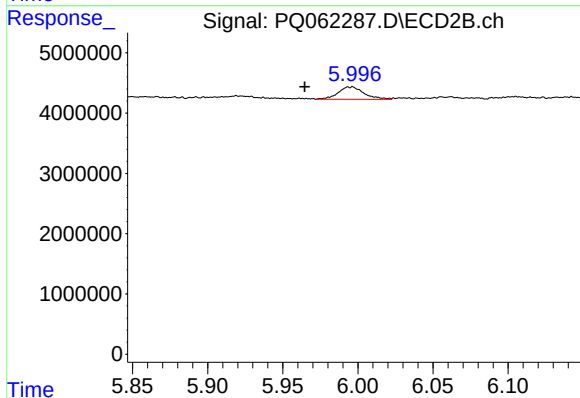
R.T.: 5.737 min
Delta R.T.: 0.019 min
Response: 1001449
Conc: 4.31 ng/ml



#37 AR-1262-2

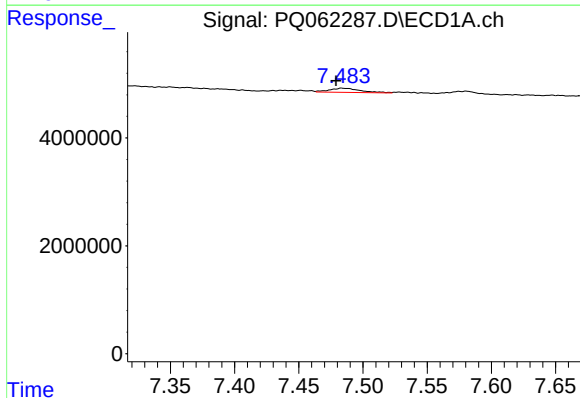
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 948078
Conc: 1.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



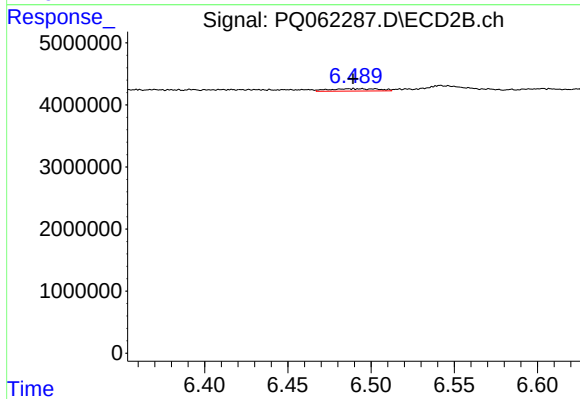
#37 AR-1262-2

R.T.: 5.996 min
Delta R.T.: 0.031 min
Response: 2491156
Conc: 11.52 ng/ml



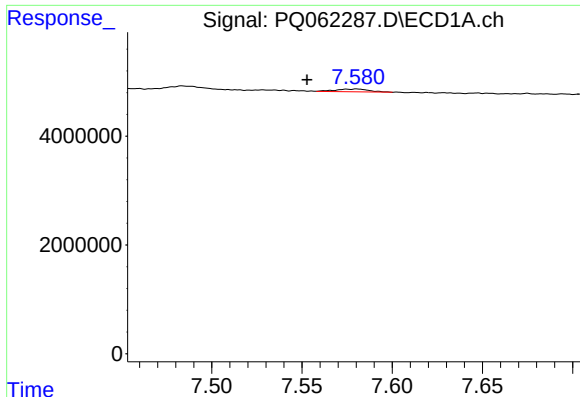
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 1283051
Conc: 3.64 ng/ml



#38 AR-1262-3

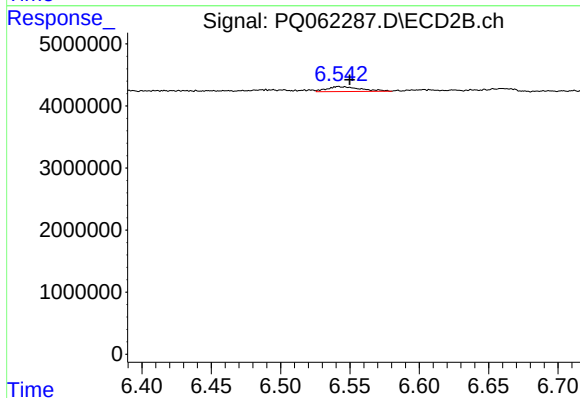
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 770930
Conc: 4.42 ng/ml



#39 AR-1262-4

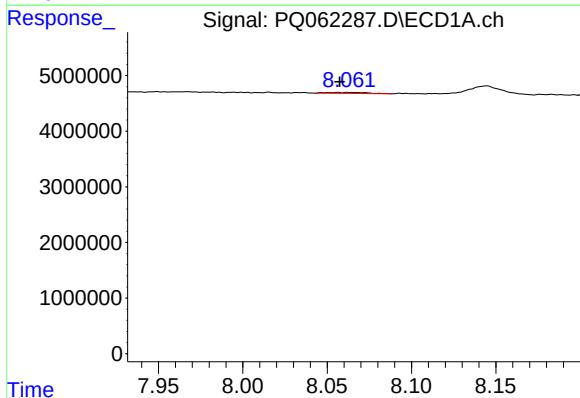
R.T.: 7.580 min
Delta R.T.: 0.028 min
Response: 633275
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



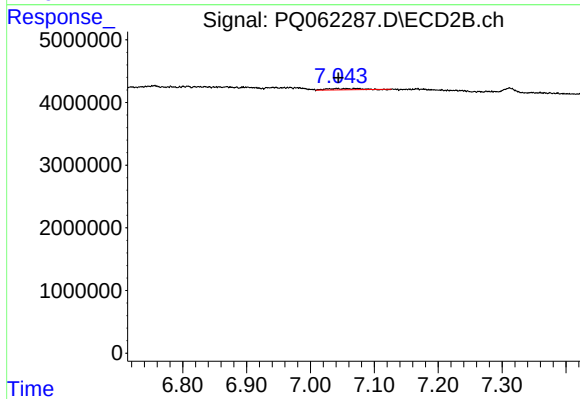
#39 AR-1262-4

R.T.: 6.542 min
Delta R.T.: -0.008 min
Response: 1330822
Conc: 4.13 ng/ml



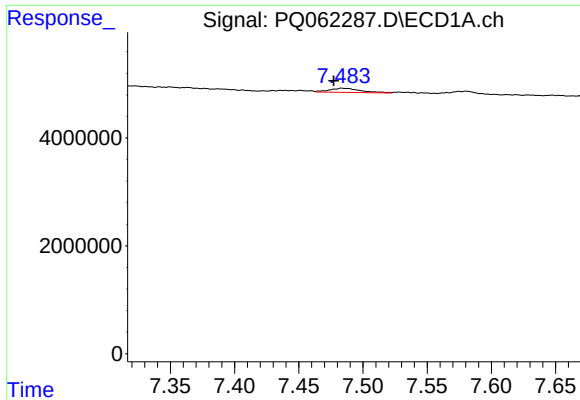
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 302109
Conc: 1.70 ng/ml



#40 AR-1262-5

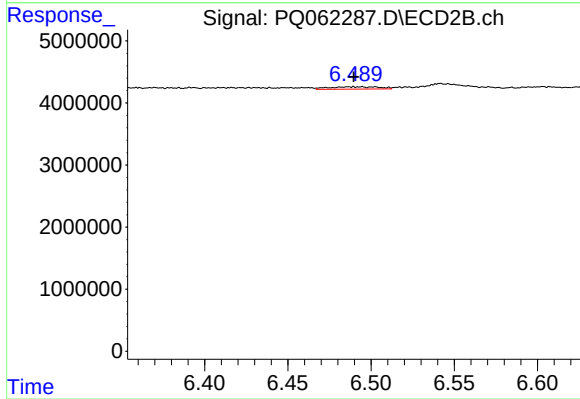
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 671511
Conc: 4.33 ng/ml



#41 AR-1268-1

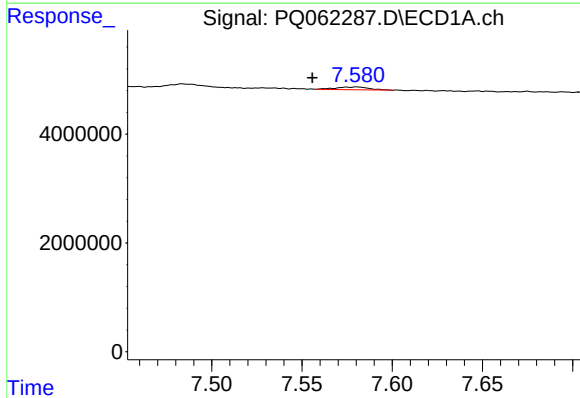
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 1283051
Conc: 2.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



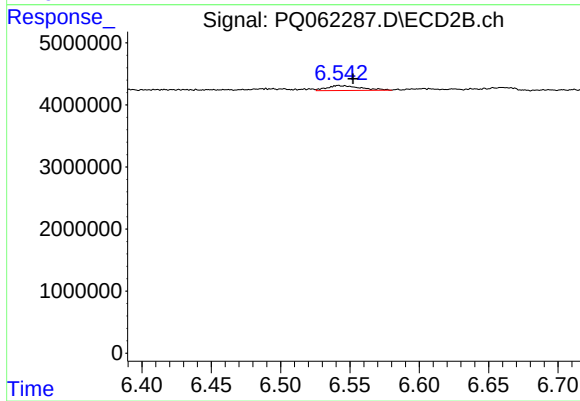
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 770930
Conc: 1.64 ng/ml



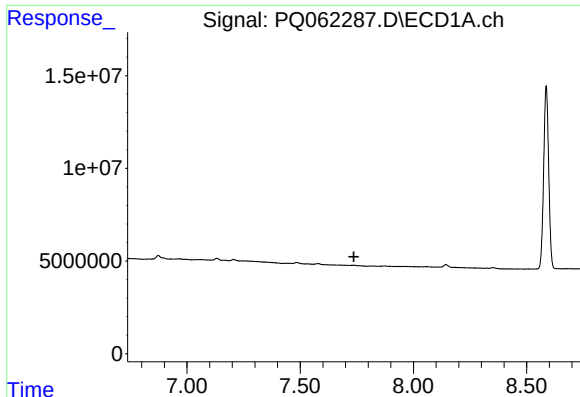
#42 AR-1268-2

R.T.: 7.580 min
Delta R.T.: 0.025 min
Response: 633275
Conc: 1.24 ng/ml



#42 AR-1268-2

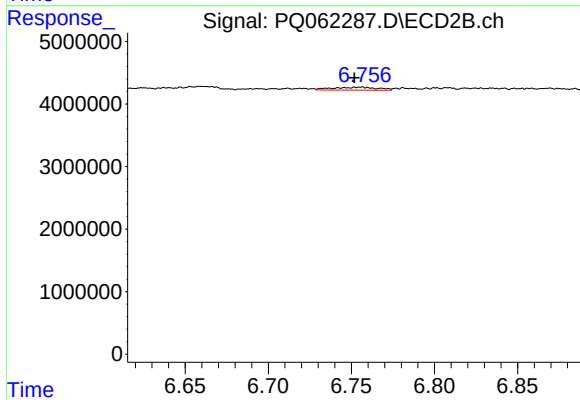
R.T.: 6.542 min
Delta R.T.: -0.011 min
Response: 1330822
Conc: 3.14 ng/ml



#43 AR-1268-3

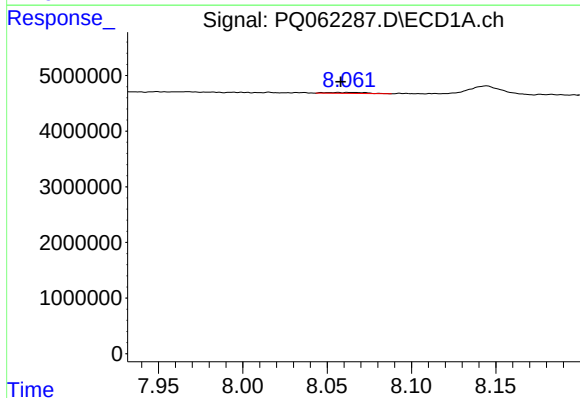
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



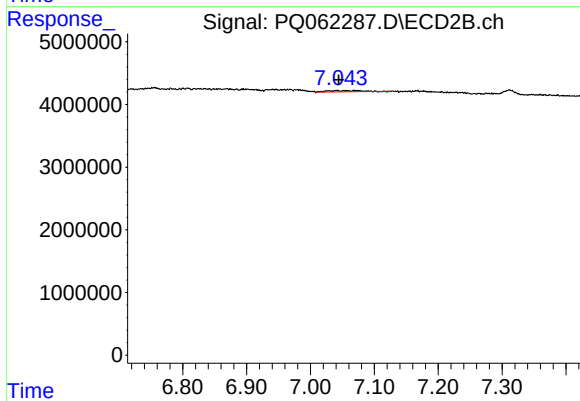
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: 0.004 min
Response: 891545
Conc: 2.42 ng/ml



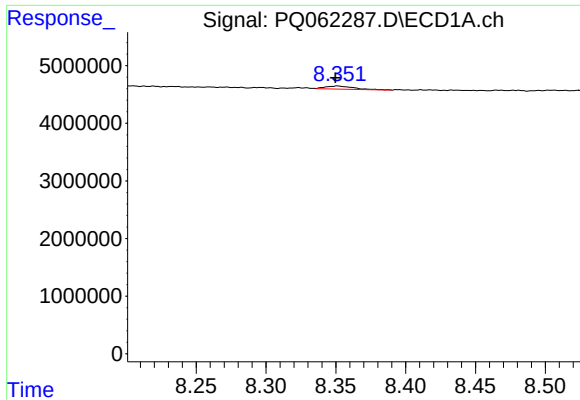
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 302109
Conc: 1.65 ng/ml



#44 AR-1268-4

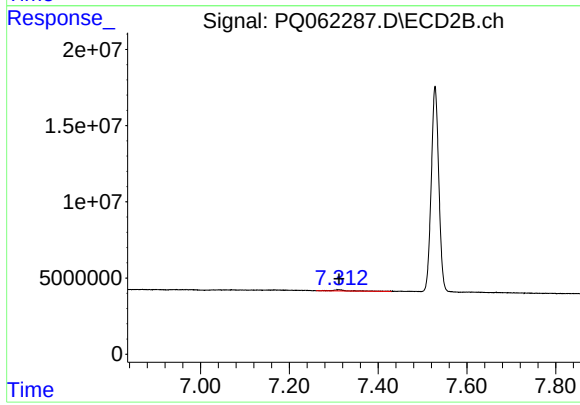
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 671511
Conc: 4.20 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 724924
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 1968202
Conc: 1.69 ng/ml