

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110823\
 Data File : PQ063770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 20:06
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 22:09:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 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...	3.460	2.778	217.3E6	191.3E6	50.986	52.008
2)	SA Decachlor...	8.694	7.576	156.1E6	233.4E6	48.343	49.808
Target Compounds							
3)	L1 AR-1016-1	4.575	3.788	55898555	50268011	405.621	399.022
4)	L1 AR-1016-2	4.594	3.804	84257723	71893554	398.925	396.807
5)	L1 AR-1016-3	4.653	3.965	52406438	39161874	393.505	401.867
6)	L1 AR-1016-4	4.745	4.014	42091498	34378074	400.344	407.483
7)	L1 AR-1016-5	5.035	4.210	44126822	42440287	416.511	424.356
8)	L2 AR-1221-1	3.660	2.981	6456164	6567162	119.312	127.439
9)	L2 AR-1221-2	3.743	3.058	8729349	8377155	238.965	240.258
10)	L2 AR-1221-3	3.814	3.127	32779520	31097129	276.023	281.924
11)	L3 AR-1232-1	3.814	3.127	32779520	31097129	350.460	359.134
12)	L3 AR-1232-2	4.314	3.804	46328163	71893554	882.155	903.849
13)	L3 AR-1232-3	4.594	3.965	84257723	39161874	936.794	945.955
14)	L3 AR-1232-4	4.745	4.051	42091498	37766329	962.637	1039.919
15)	L3 AR-1232-5	4.844	4.210	34530595	42440287	1032.605	1010.065
16)	L4 AR-1242-1	4.575	3.788	55898555	50268011	496.064	488.671
17)	L4 AR-1242-2	4.594	3.804	84257723	71893554	498.272	487.177
18)	L4 AR-1242-3	4.653	3.965	52406438	39161874	496.528	492.259
19)	L4 AR-1242-4	4.745	4.051	42091498	37766329	496.083	497.673
20)	L4 AR-1242-5	5.467	4.550	44493456	49604499	503.195	493.116
21)	L5 AR-1248-1	4.575	3.788	55898555	50268011	671.408	644.676
22)	L5 AR-1248-2	4.844	4.014	34530595	34378074	284.504	290.007
23)	L5 AR-1248-3	5.035	4.051	44126822	37766329	304.758	335.215
24)	L5 AR-1248-4	5.432	4.210	42743273	42440287	275.809	308.302
25)	L5 AR-1248-5	5.467	4.587	44493456	39963037	290.985	297.636
26)	L6 AR-1254-1	5.404	4.550	34627834	49604499	220.630	255.215
27)	L6 AR-1254-2	5.620	4.697	40349369	13600863	170.139	78.074 #
28)	L6 AR-1254-3	5.979	5.080	18519516	19193038	74.693	71.704
29)	L6 AR-1254-4	6.266	5.308	13311488	13434593	73.454	76.581
30)	L6 AR-1254-5	6.681	5.715	5565709	7612673	27.904	29.861
31)	L7 AR-1260-1	6.146	5.213	3050208	8884518	14.899	44.918 #
32)	L7 AR-1260-2	6.407	5.400	2898136	3273707	11.997	13.713
33)	L7 AR-1260-3	6.761	5.539	194872	3473383	1.211	15.377 #
34)	L7 AR-1260-4	6.982	6.007	934454	313005	5.065	1.819 #
35)	L7 AR-1260-5	7.294	6.256	935401	797287	2.632	1.998
36)	L8 AR-1262-1	6.761	5.809	194872	226439	0.746	2.068 #
37)	L8 AR-1262-2	7.294	6.007	935401	313005	2.199	1.267 #
38)	L8 AR-1262-3	7.576	6.533	465822	775324	1.626	3.827 #
39)	L8 AR-1262-4	7.662	6.588	350830	671265	1.529	1.801
40)	L8 AR-1262-5	8.171	0.000	148394	0	1.042	N.D. #
41)	L9 AR-1268-1	7.576	6.533	465822	775324	0.942	1.351 #

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Integration File signal 1: autoint1.e
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 Quant Time: Nov 08 22:09:23 2023
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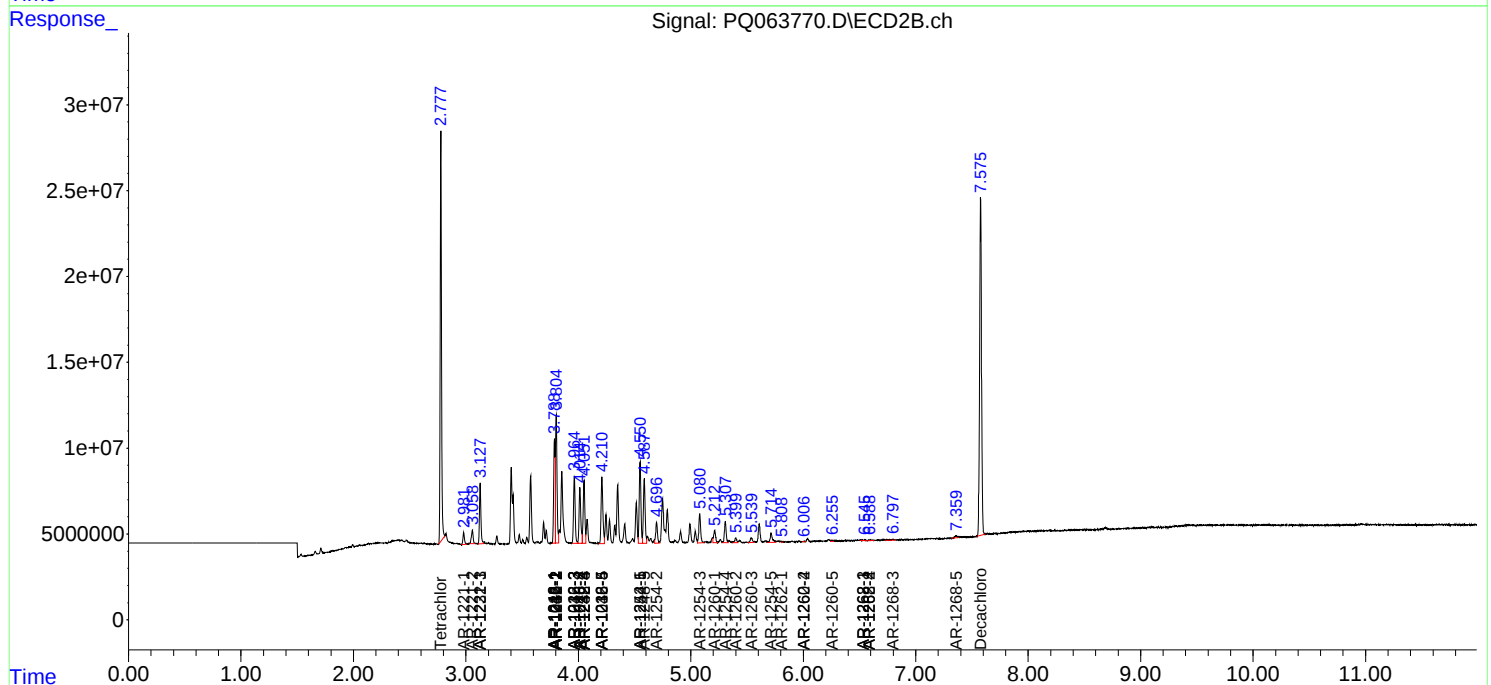
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

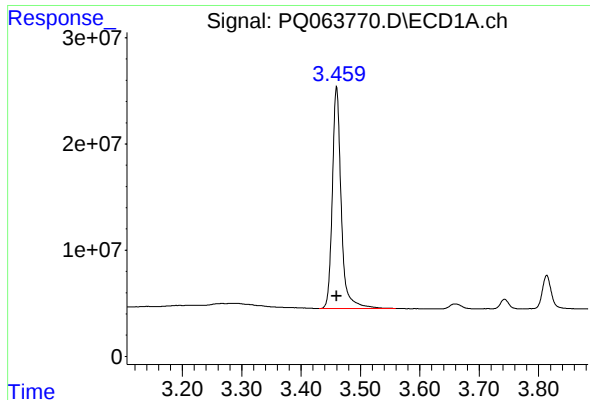
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.662	6.588	350830	671265	0.783	1.293 #
43) L9	AR-1268-3	7.831	6.798	660036	1147554	1.692	2.475 #
44) L9	AR-1268-4	8.171	0.000	148394	0	0.949	N.D. #
45) L9	AR-1268-5	8.453	7.360	1145280	1696322	1.016	1.108

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

Instrument :
ECD_Q
ClientSampleId :

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

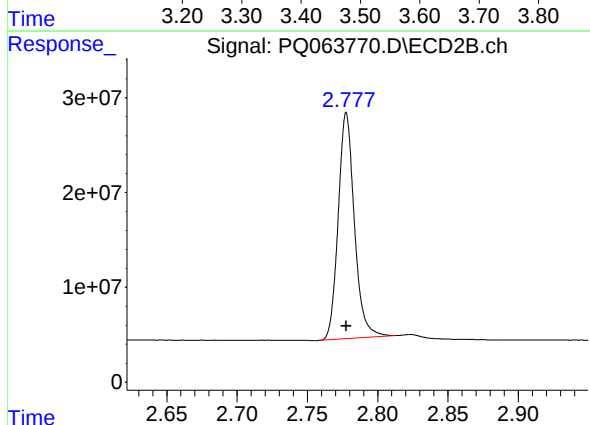




#1 Tetrachloro-m-xylene

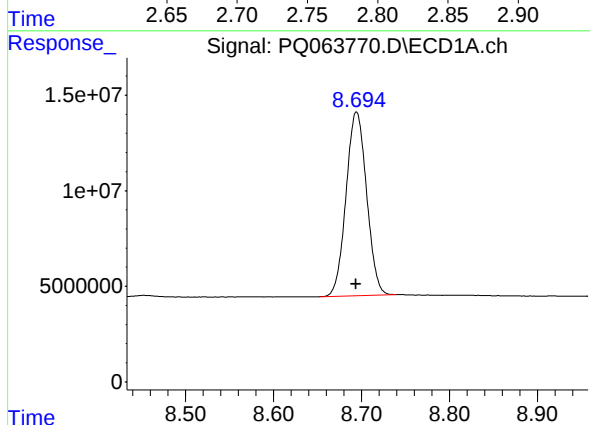
R.T.: 3.460 min
Delta R.T.: 0.000 min
Response: 217328064
Conc: 50.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



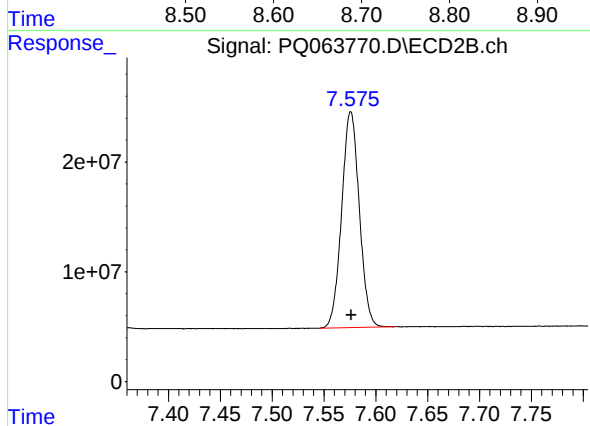
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 191268742
Conc: 52.01 ng/ml



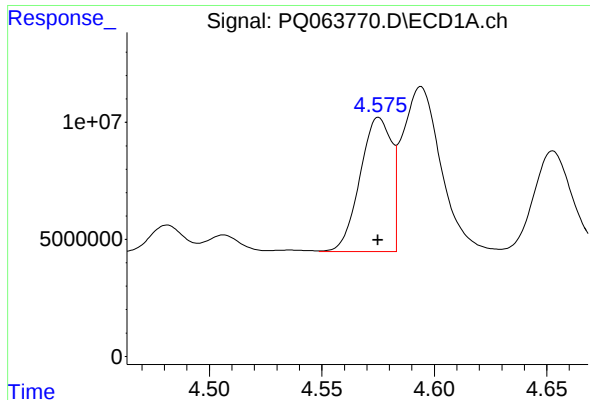
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 156082256
Conc: 48.34 ng/ml



#2 Decachlorobiphenyl

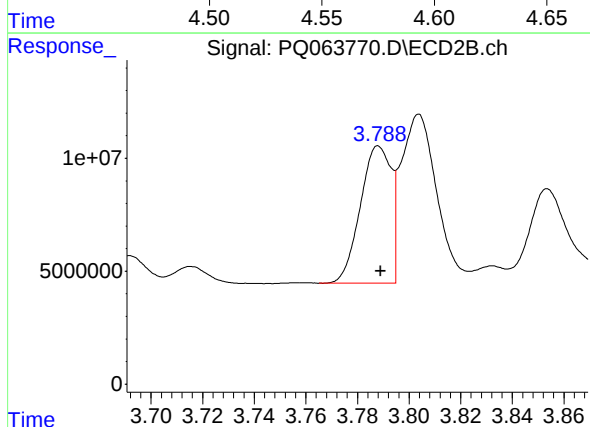
R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 233372361
Conc: 49.81 ng/ml



#3 AR-1016-1

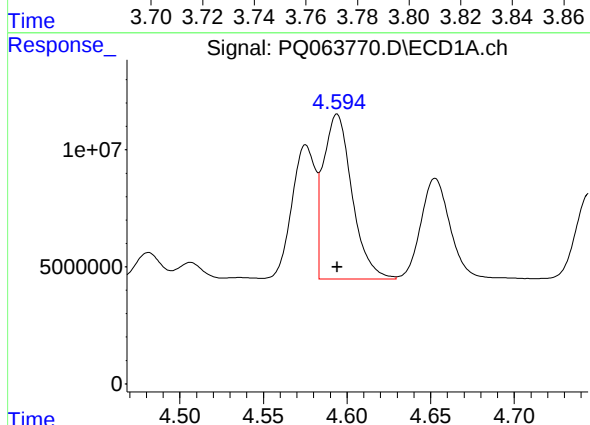
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 55898555
Conc: 405.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



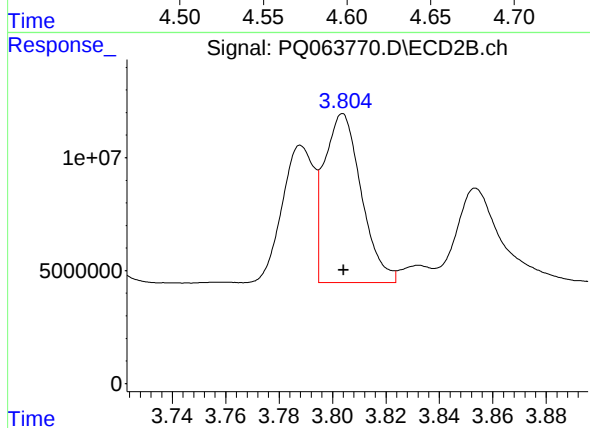
#3 AR-1016-1

R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 50268011
Conc: 399.02 ng/ml



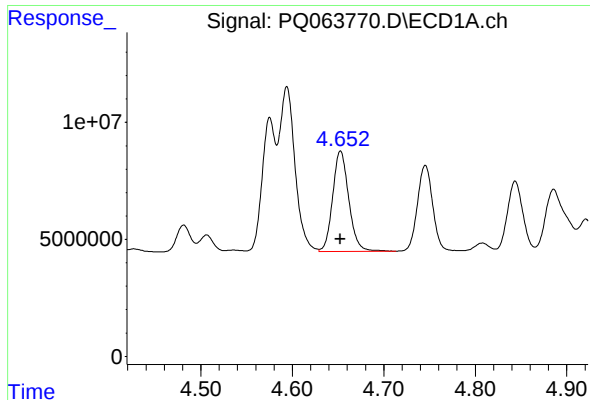
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 84257723
Conc: 398.92 ng/ml



#4 AR-1016-2

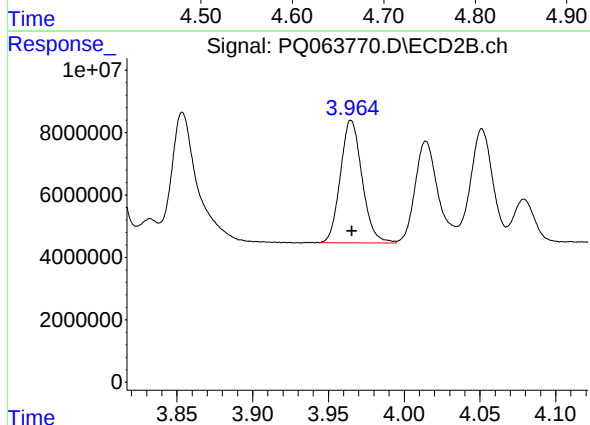
R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 71893554
Conc: 396.81 ng/ml



#5 AR-1016-3

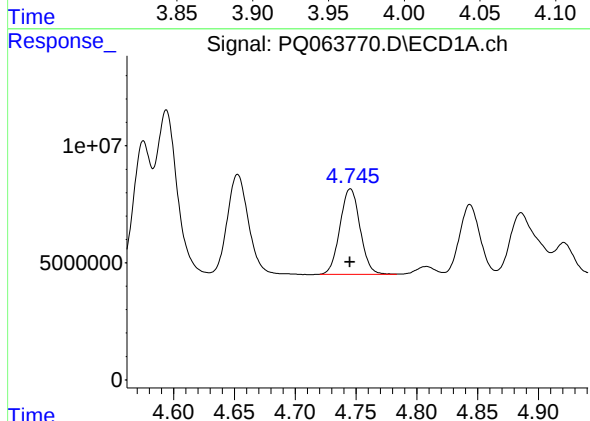
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 52406438
Conc: 393.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



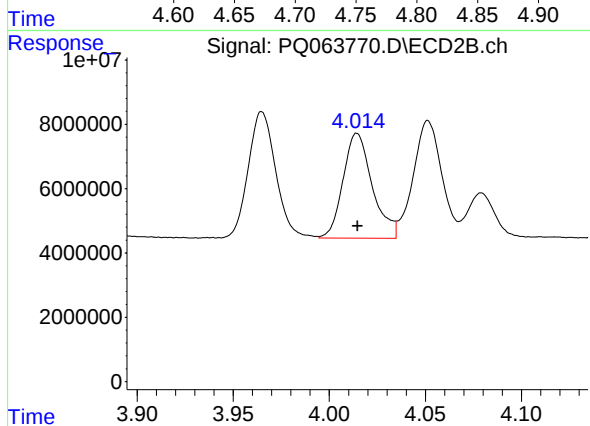
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 39161874
Conc: 401.87 ng/ml



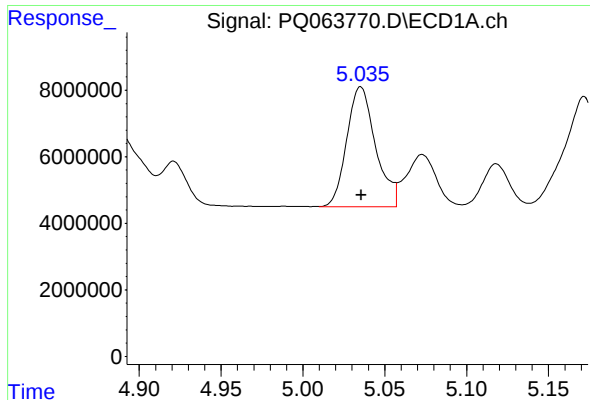
#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 42091498
Conc: 400.34 ng/ml



#6 AR-1016-4

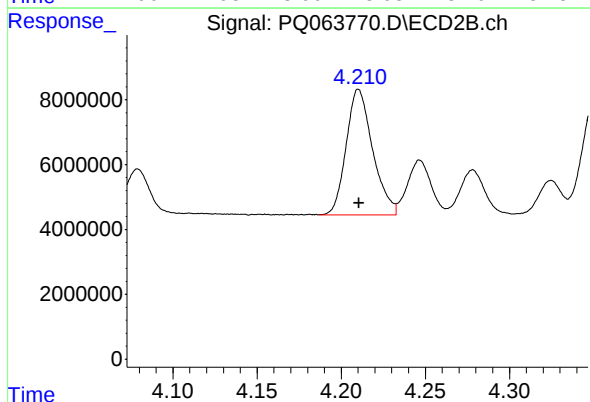
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 34378074
Conc: 407.48 ng/ml



#7 AR-1016-5

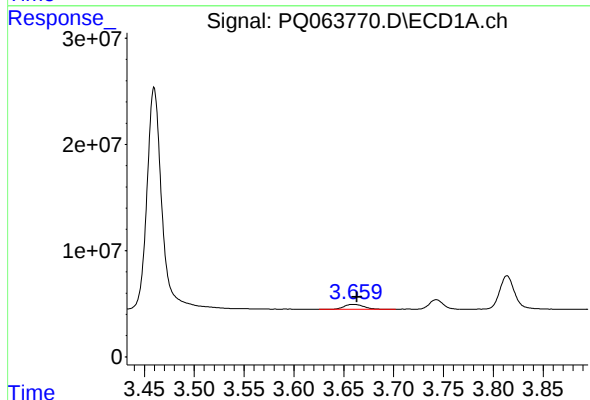
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 44126822
Conc: 416.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



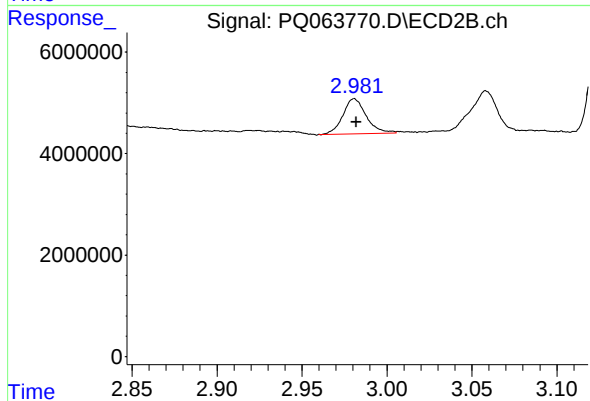
#7 AR-1016-5

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 42440287
Conc: 424.36 ng/ml



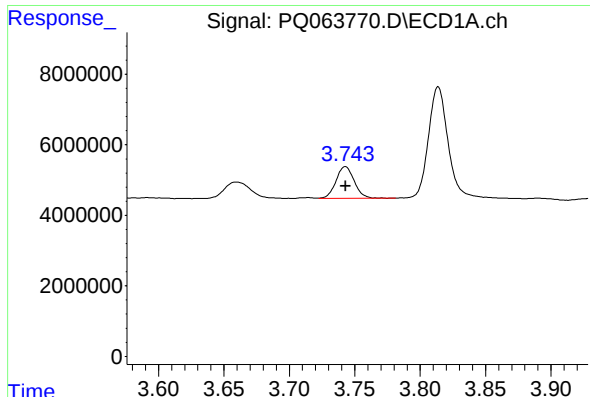
#8 AR-1221-1

R.T.: 3.660 min
Delta R.T.: -0.003 min
Response: 6456164
Conc: 119.31 ng/ml



#8 AR-1221-1

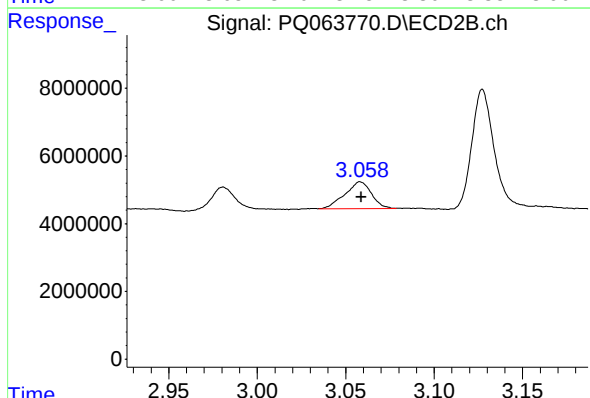
R.T.: 2.981 min
Delta R.T.: -0.001 min
Response: 6567162
Conc: 127.44 ng/ml



#9 AR-1221-2

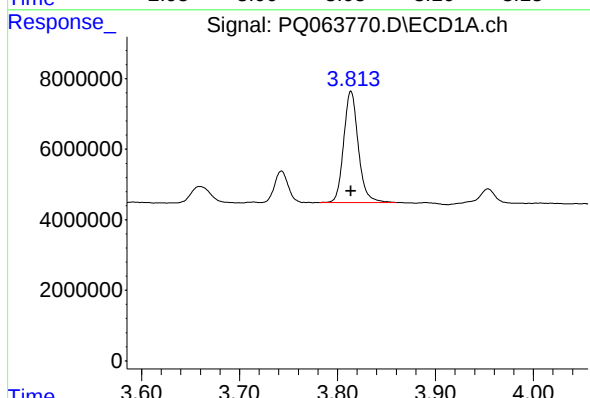
R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 8729349
Conc: 238.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



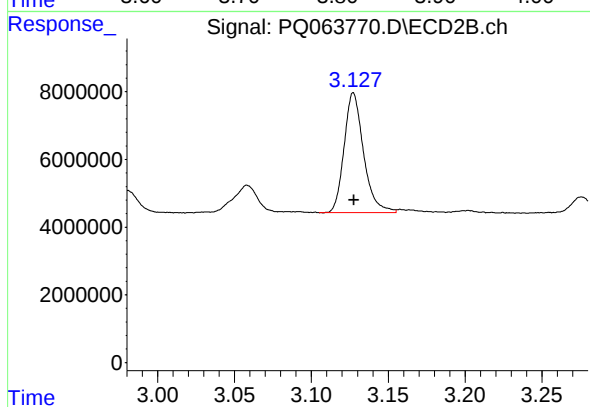
#9 AR-1221-2

R.T.: 3.058 min
Delta R.T.: 0.000 min
Response: 8377155
Conc: 240.26 ng/ml



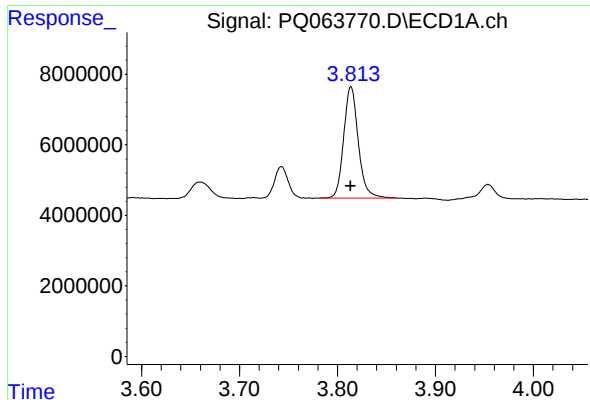
#10 AR-1221-3

R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 32779520
Conc: 276.02 ng/ml



#10 AR-1221-3

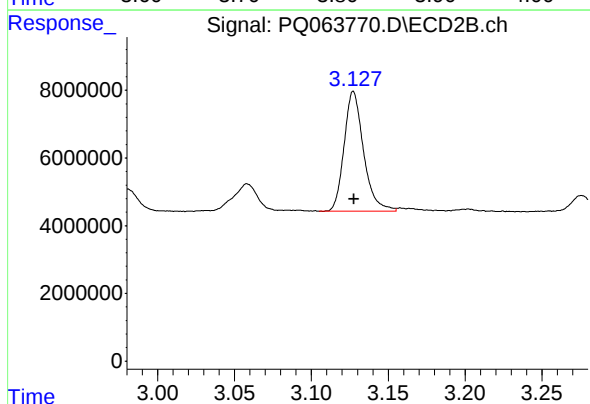
R.T.: 3.127 min
Delta R.T.: 0.000 min
Response: 31097129
Conc: 281.92 ng/ml



#11 AR-1232-1

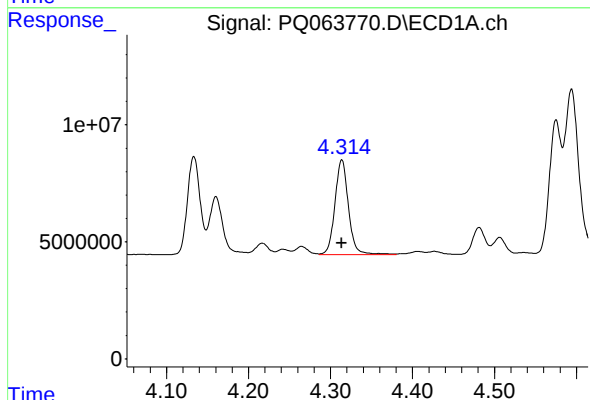
R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 32779520
Conc: 350.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



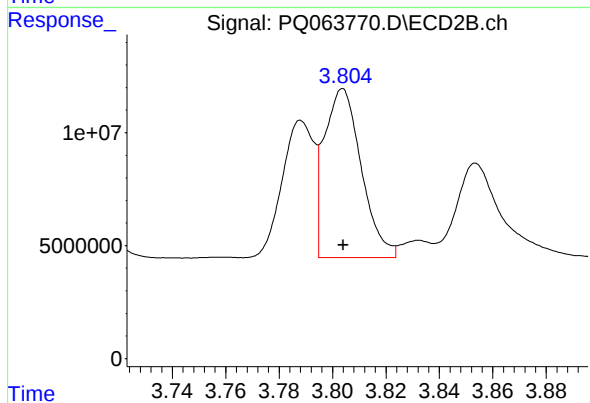
#11 AR-1232-1

R.T.: 3.127 min
Delta R.T.: 0.000 min
Response: 31097129
Conc: 359.13 ng/ml



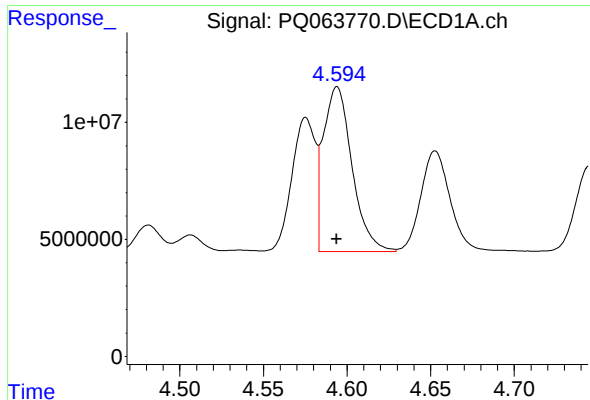
#12 AR-1232-2

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 46328163
Conc: 882.16 ng/ml



#12 AR-1232-2

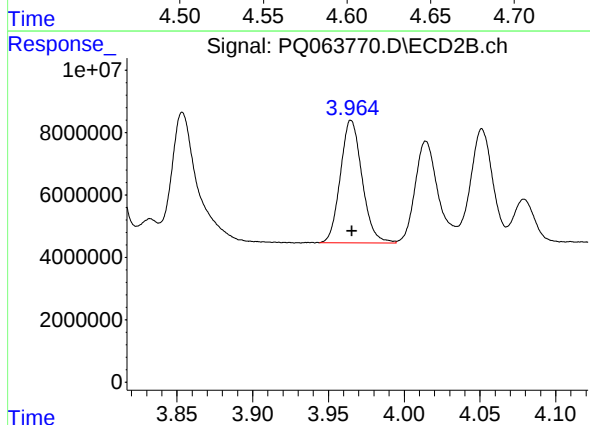
R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 71893554
Conc: 903.85 ng/ml



#13 AR-1232-3

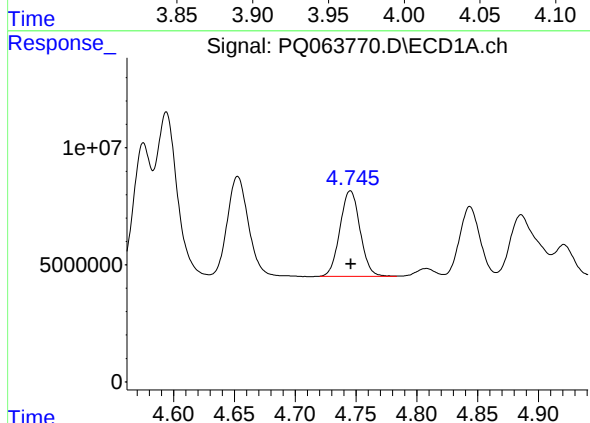
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 84257723
Conc: 936.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



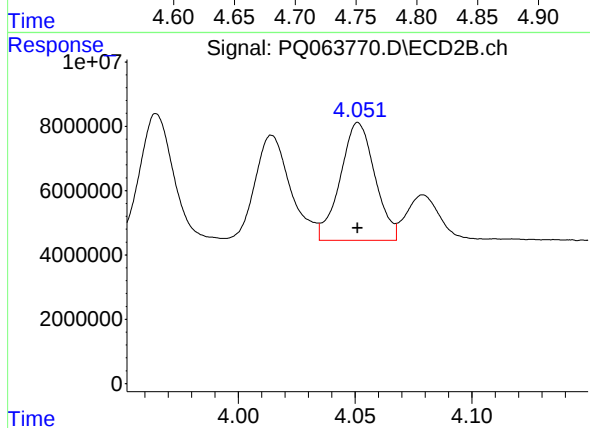
#13 AR-1232-3

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 39161874
Conc: 945.96 ng/ml



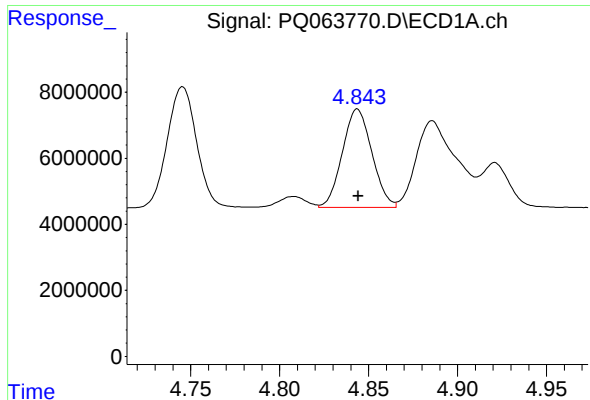
#14 AR-1232-4

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 42091498
Conc: 962.64 ng/ml



#14 AR-1232-4

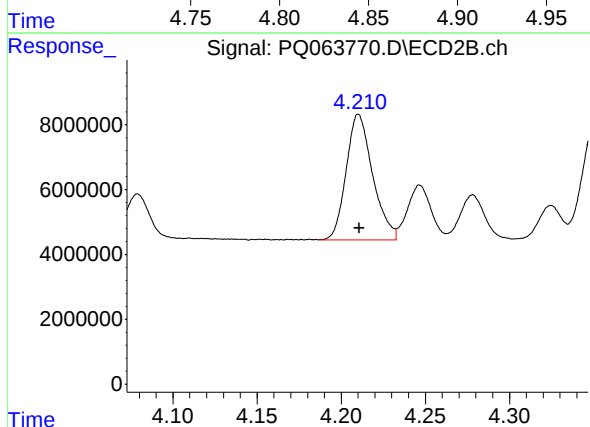
R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 37766329
Conc: 1039.92 ng/ml



#15 AR-1232-5

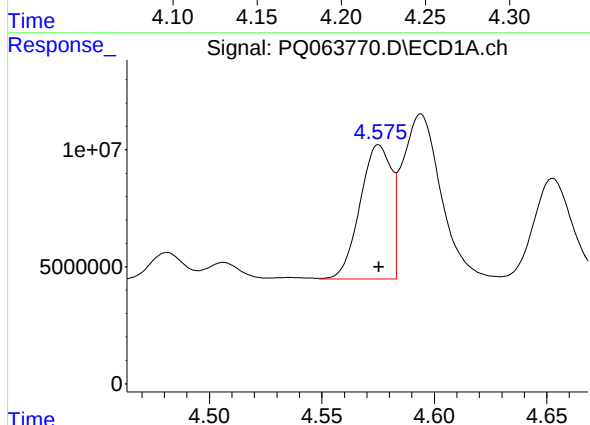
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 34530595
Conc: 1032.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



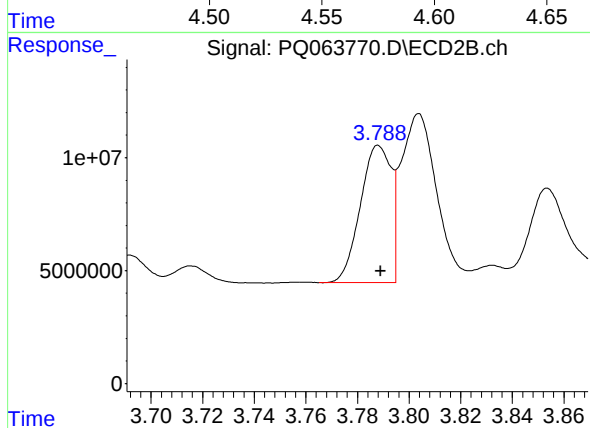
#15 AR-1232-5

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 42440287
Conc: 1010.07 ng/ml



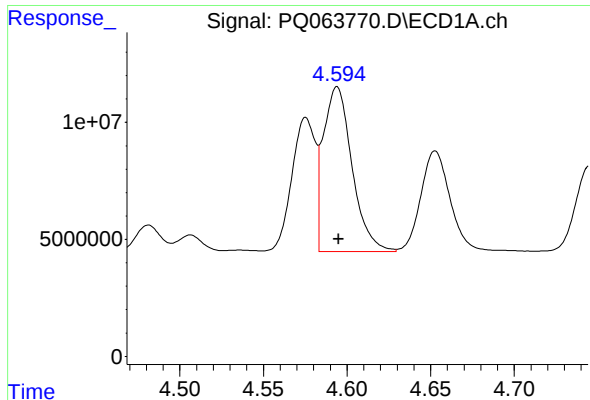
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 55898555
Conc: 496.06 ng/ml



#16 AR-1242-1

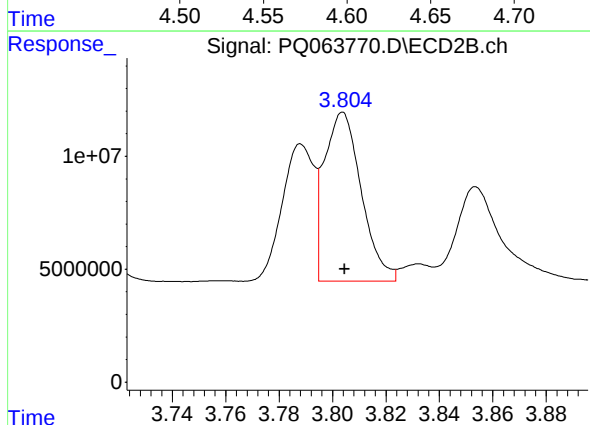
R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 50268011
Conc: 488.67 ng/ml



#17 AR-1242-2

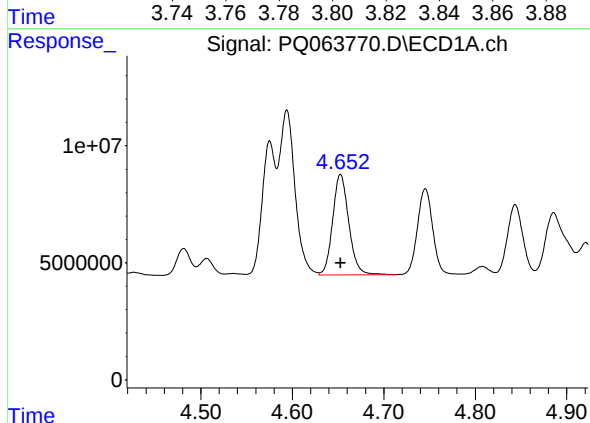
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 84257723
Conc: 498.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



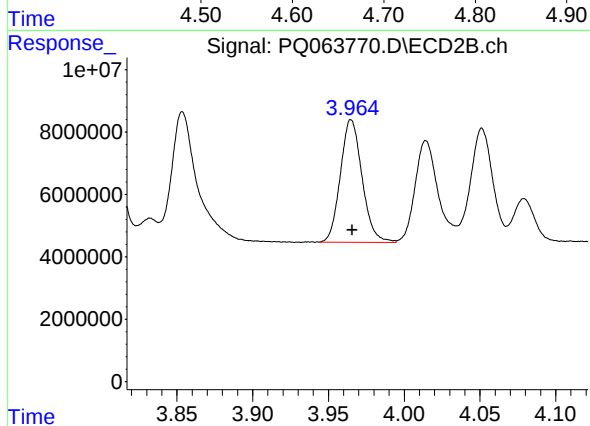
#17 AR-1242-2

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 71893554
Conc: 487.18 ng/ml



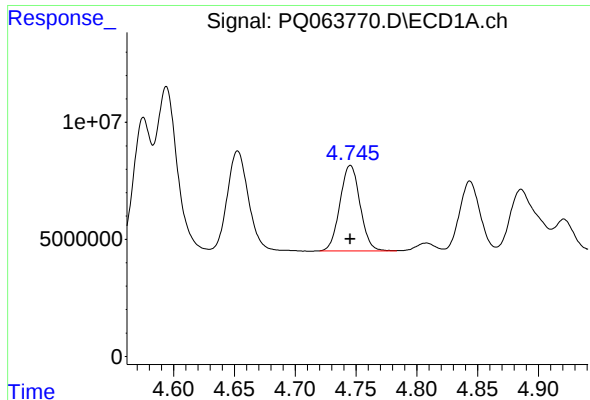
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 52406438
Conc: 496.53 ng/ml



#18 AR-1242-3

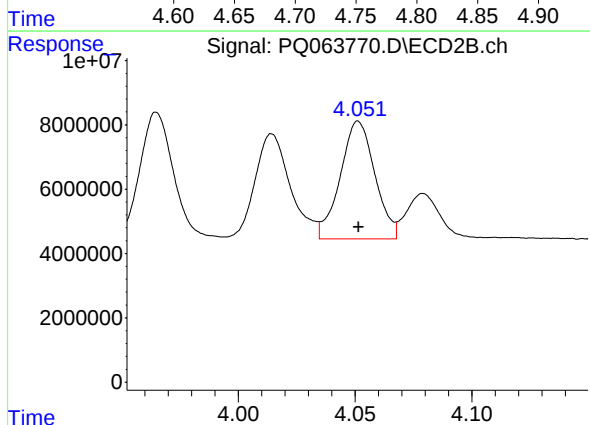
R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 39161874
Conc: 492.26 ng/ml



#19 AR-1242-4

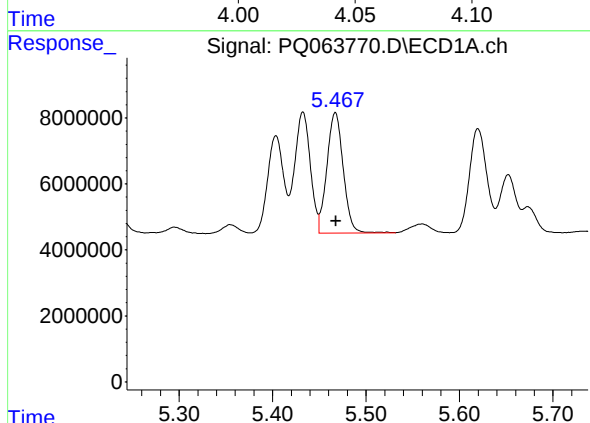
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 42091498
Conc: 496.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



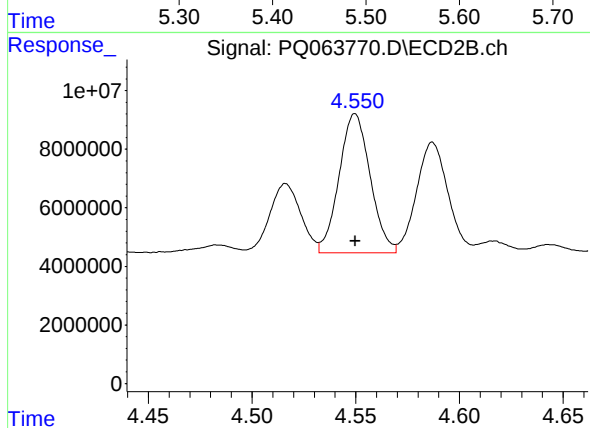
#19 AR-1242-4

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 37766329
Conc: 497.67 ng/ml



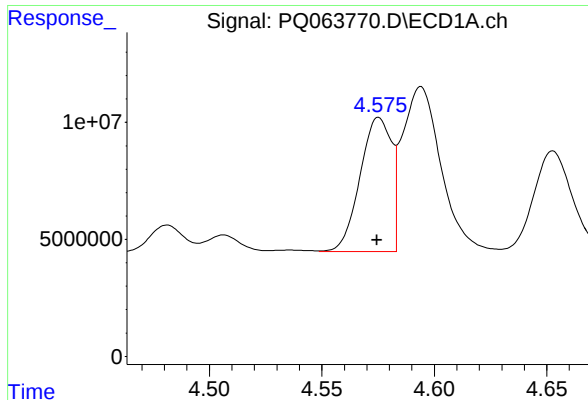
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 44493456
Conc: 503.19 ng/ml



#20 AR-1242-5

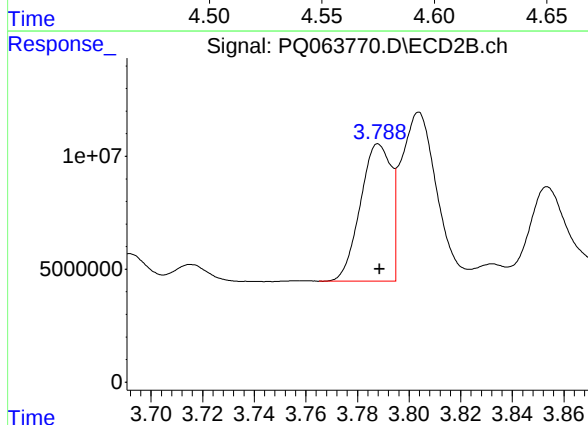
R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 49604499
Conc: 493.12 ng/ml



#21 AR-1248-1

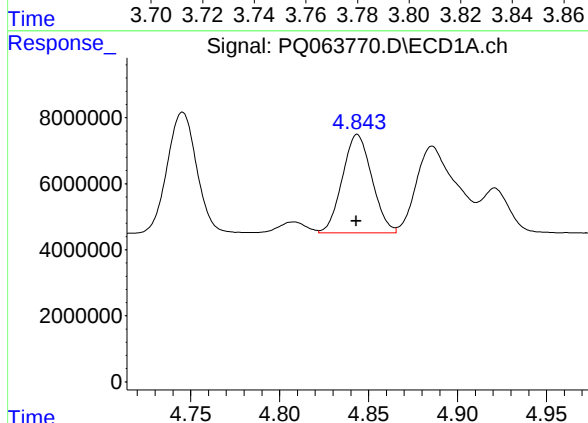
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 55898555
Conc: 671.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



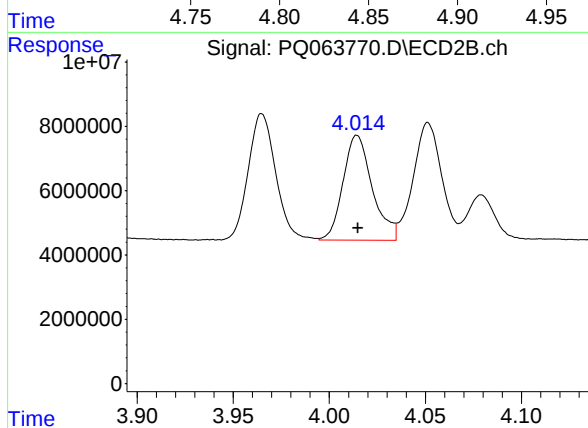
#21 AR-1248-1

R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 50268011
Conc: 644.68 ng/ml



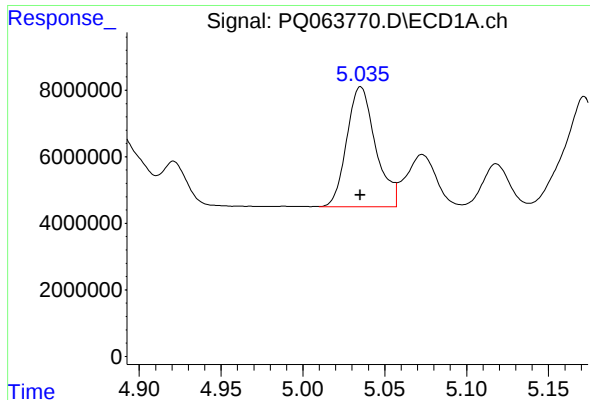
#22 AR-1248-2

R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 34530595
Conc: 284.50 ng/ml



#22 AR-1248-2

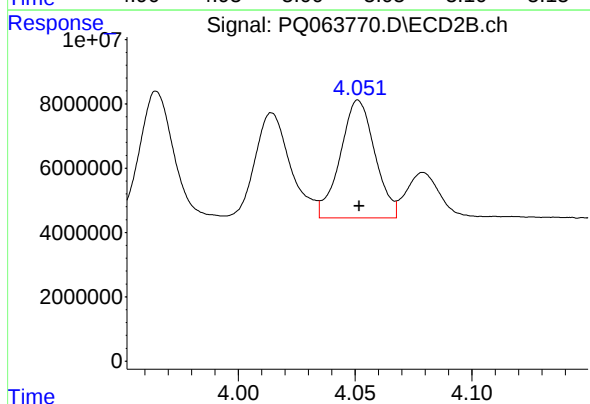
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 34378074
Conc: 290.01 ng/ml



#23 AR-1248-3

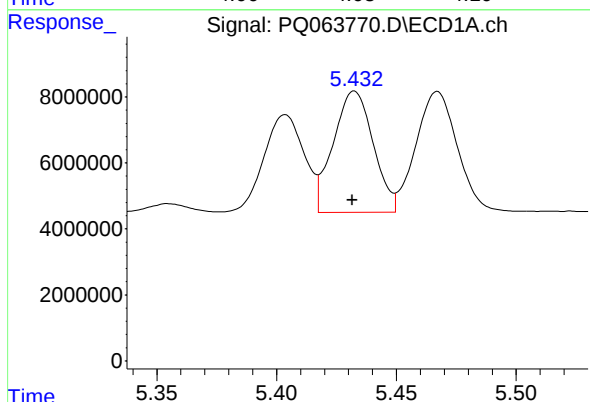
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 44126822
Conc: 304.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



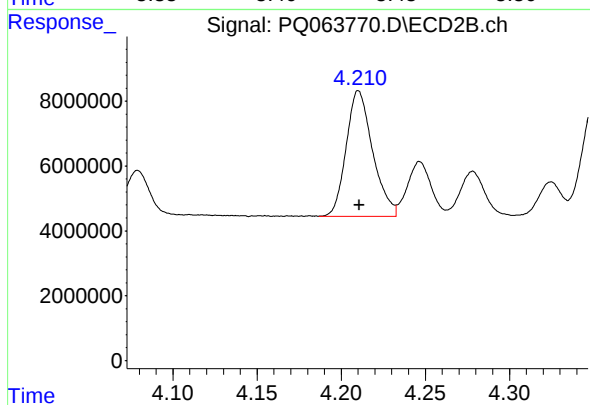
#23 AR-1248-3

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 37766329
Conc: 335.21 ng/ml



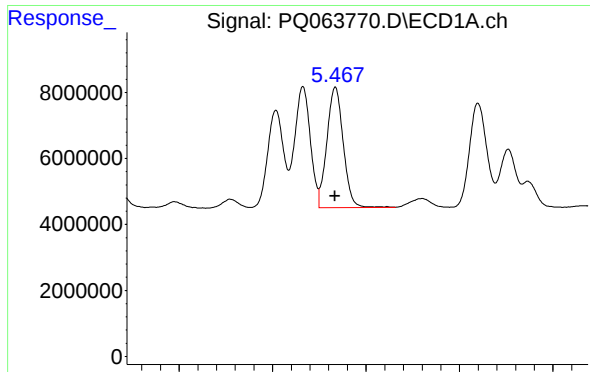
#24 AR-1248-4

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 42743273
Conc: 275.81 ng/ml



#24 AR-1248-4

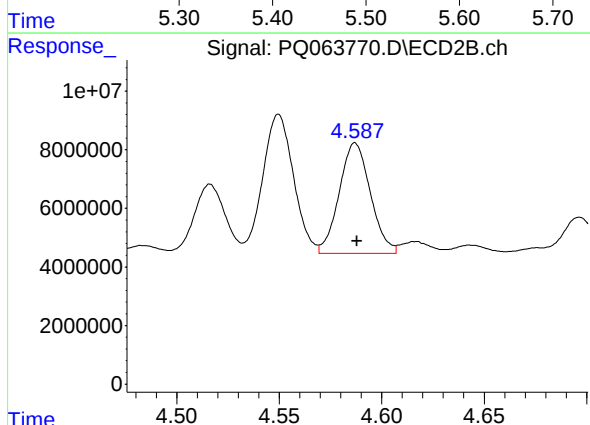
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 42440287
Conc: 308.30 ng/ml



#25 AR-1248-5

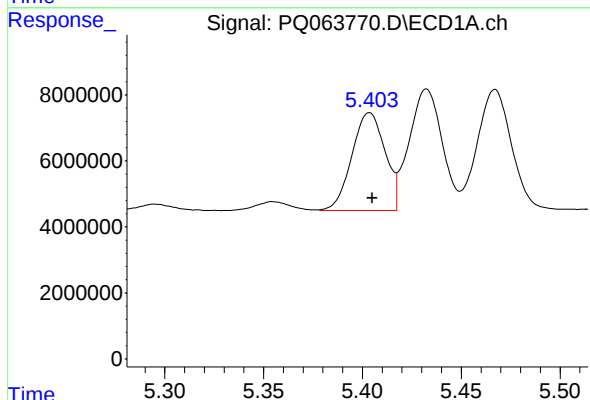
R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 44493456
Conc: 290.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



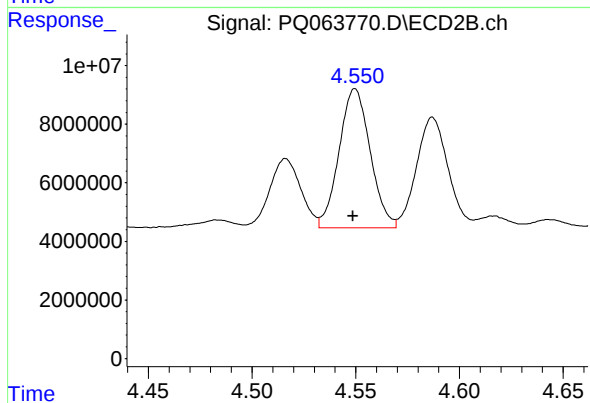
#25 AR-1248-5

R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 39963037
Conc: 297.64 ng/ml



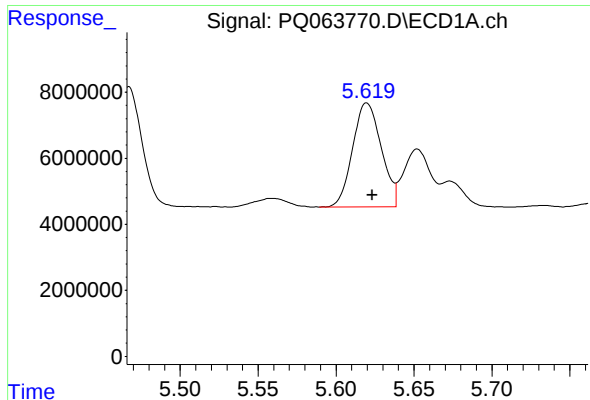
#26 AR-1254-1

R.T.: 5.404 min
Delta R.T.: -0.001 min
Response: 34627834
Conc: 220.63 ng/ml



#26 AR-1254-1

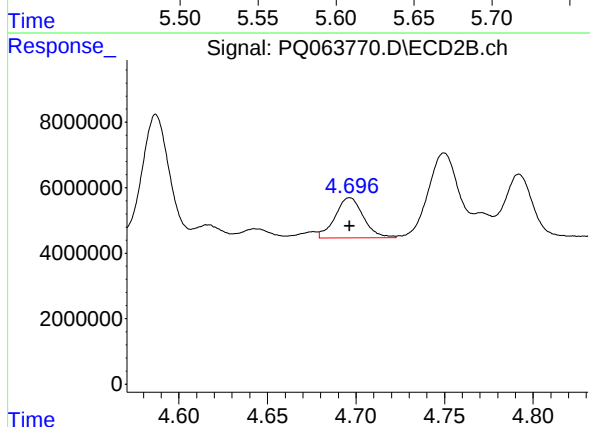
R.T.: 4.550 min
Delta R.T.: 0.001 min
Response: 49604499
Conc: 255.22 ng/ml



#27 AR-1254-2

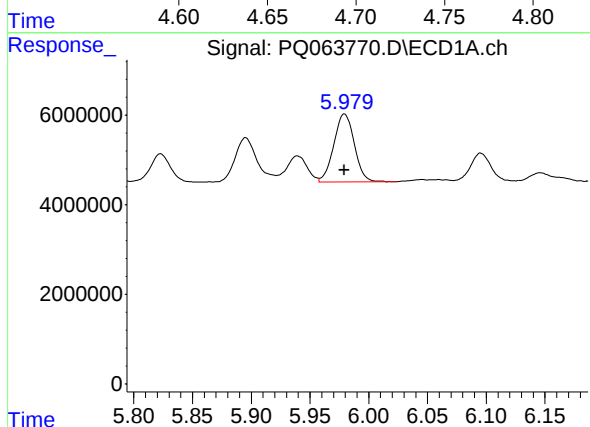
R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 40349369
Conc: 170.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



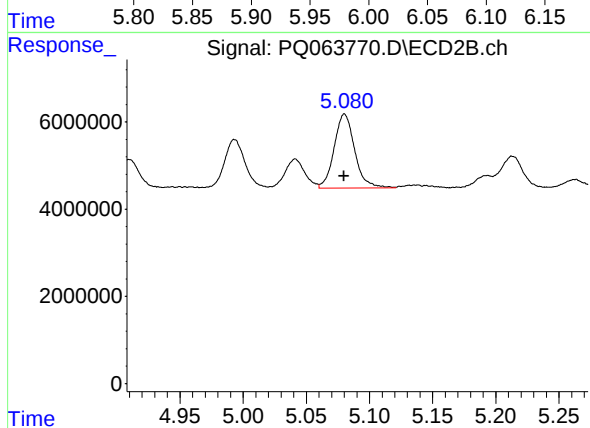
#27 AR-1254-2

R.T.: 4.697 min
Delta R.T.: 0.000 min
Response: 13600863
Conc: 78.07 ng/ml



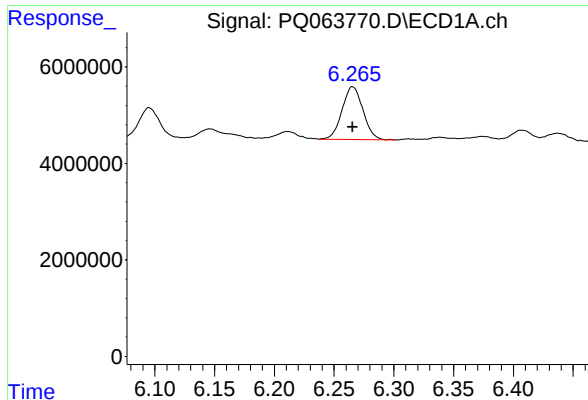
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 18519516
Conc: 74.69 ng/ml



#28 AR-1254-3

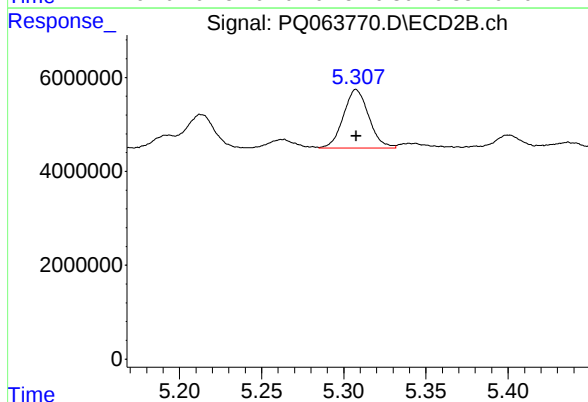
R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 19193038
Conc: 71.70 ng/ml



#29 AR-1254-4

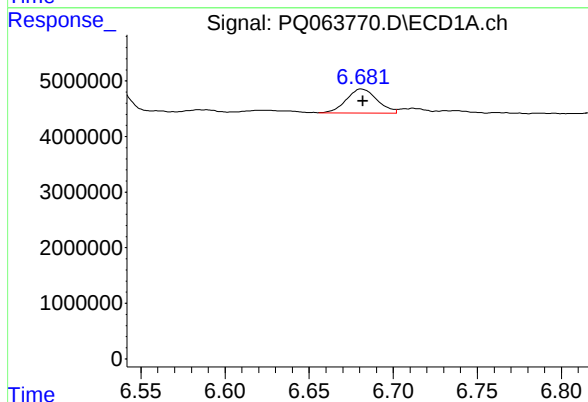
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 13311488
Conc: 73.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



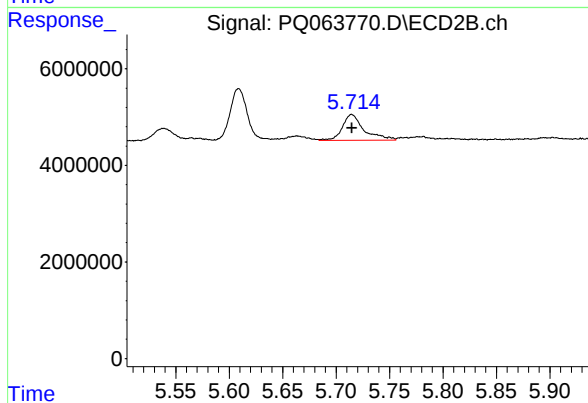
#29 AR-1254-4

R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 13434593
Conc: 76.58 ng/ml



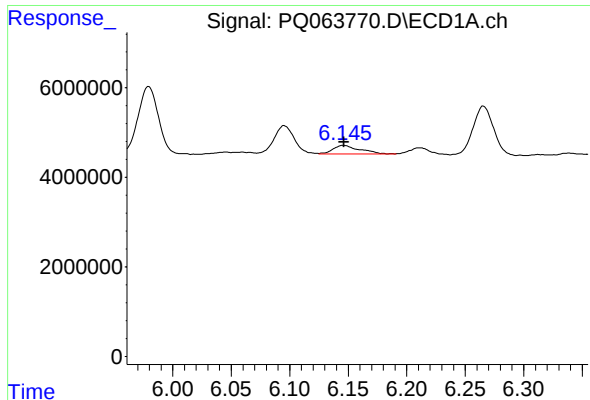
#30 AR-1254-5

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 5565709
Conc: 27.90 ng/ml



#30 AR-1254-5

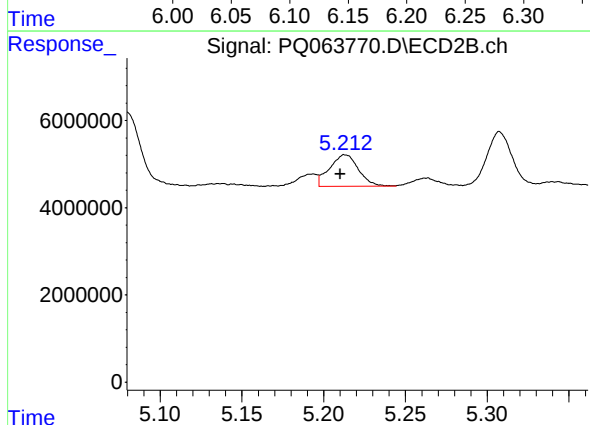
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 7612673
Conc: 29.86 ng/ml



#31 AR-1260-1

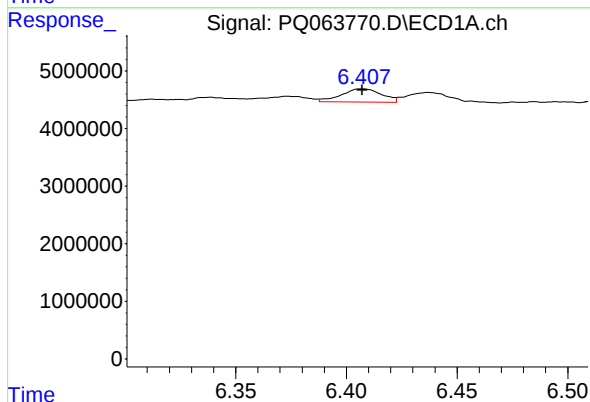
R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 3050208
Conc: 14.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



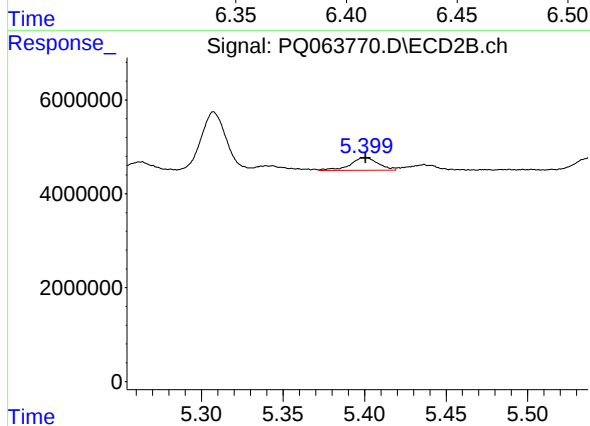
#31 AR-1260-1

R.T.: 5.213 min
Delta R.T.: 0.003 min
Response: 8884518
Conc: 44.92 ng/ml



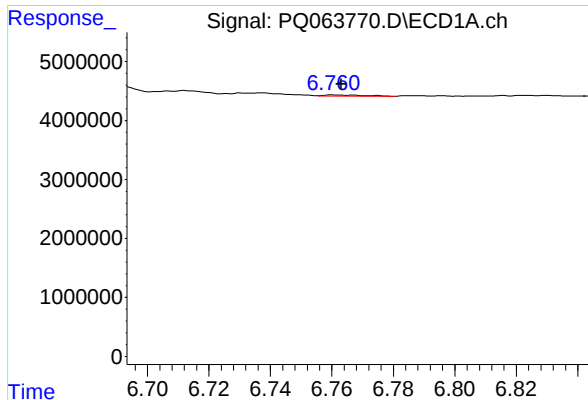
#32 AR-1260-2

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2898136
Conc: 12.00 ng/ml



#32 AR-1260-2

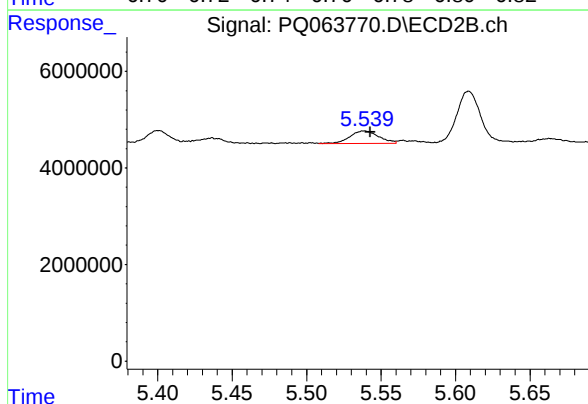
R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 3273707
Conc: 13.71 ng/ml



#33 AR-1260-3

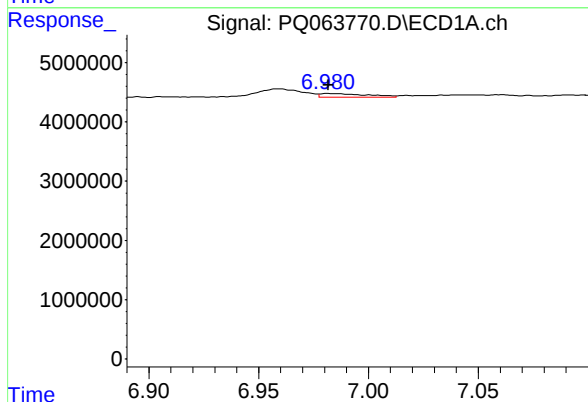
R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 194872
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



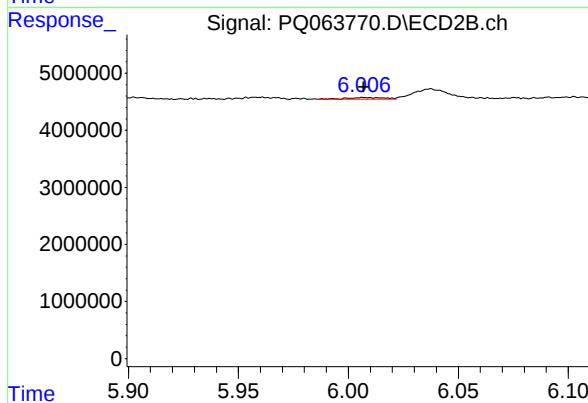
#33 AR-1260-3

R.T.: 5.539 min
Delta R.T.: -0.004 min
Response: 3473383
Conc: 15.38 ng/ml



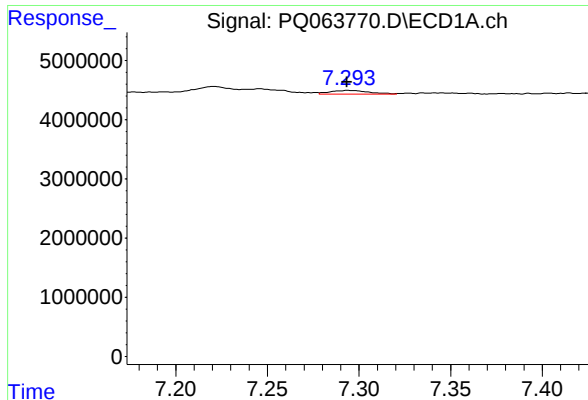
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 934454
Conc: 5.07 ng/ml



#34 AR-1260-4

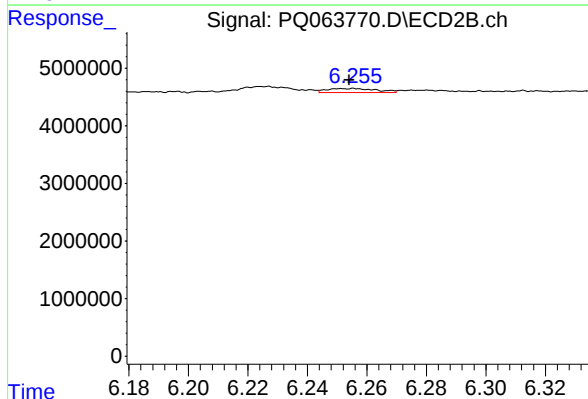
R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 313005
Conc: 1.82 ng/ml



#35 AR-1260-5

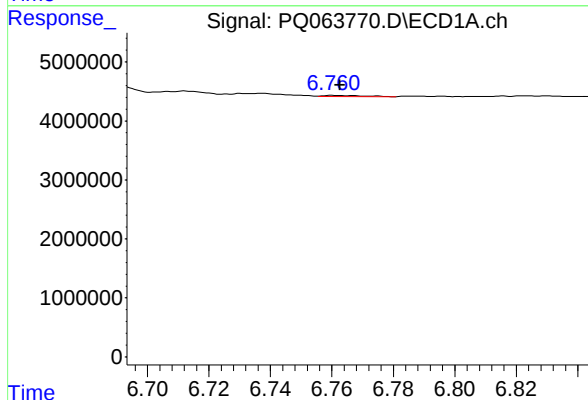
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 935401
Conc: 2.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



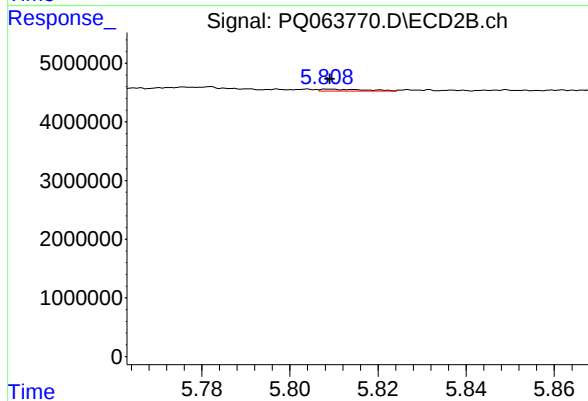
#35 AR-1260-5

R.T.: 6.256 min
Delta R.T.: 0.001 min
Response: 797287
Conc: 2.00 ng/ml



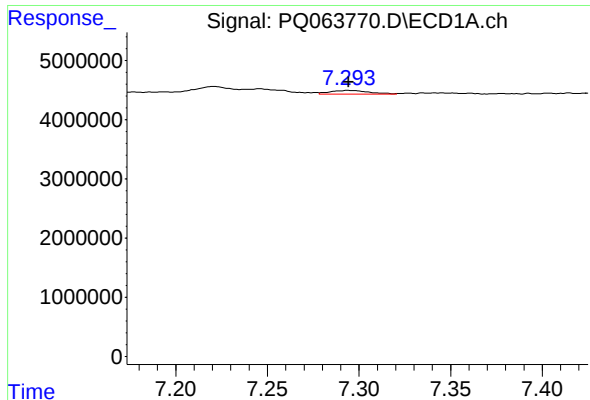
#36 AR-1262-1

R.T.: 6.761 min
Delta R.T.: -0.002 min
Response: 194872
Conc: 0.75 ng/ml



#36 AR-1262-1

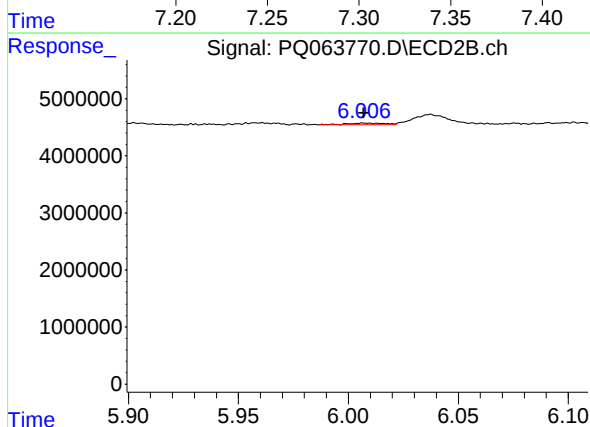
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 226439
Conc: 2.07 ng/ml



#37 AR-1262-2

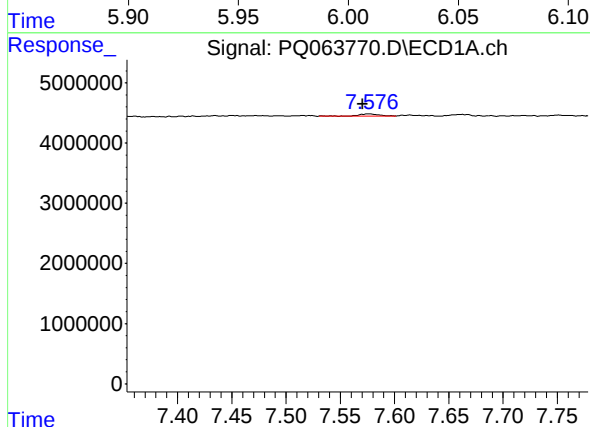
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 935401
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



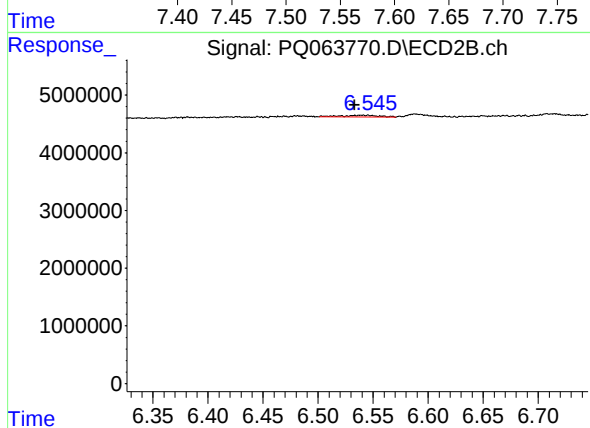
#37 AR-1262-2

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 313005
Conc: 1.27 ng/ml



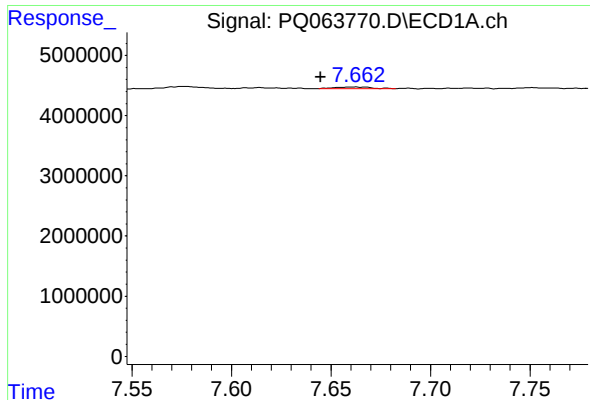
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.006 min
Response: 465822
Conc: 1.63 ng/ml



#38 AR-1262-3

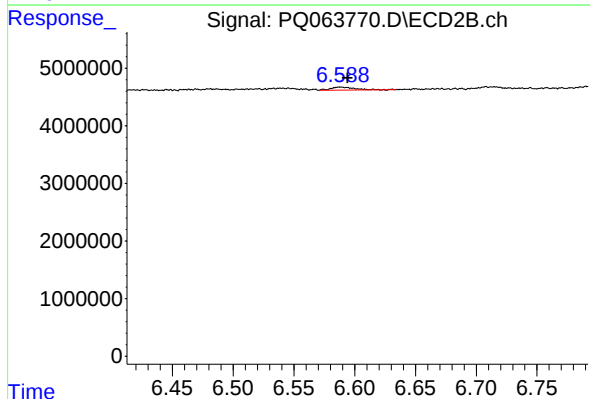
R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 775324
Conc: 3.83 ng/ml



#39 AR-1262-4

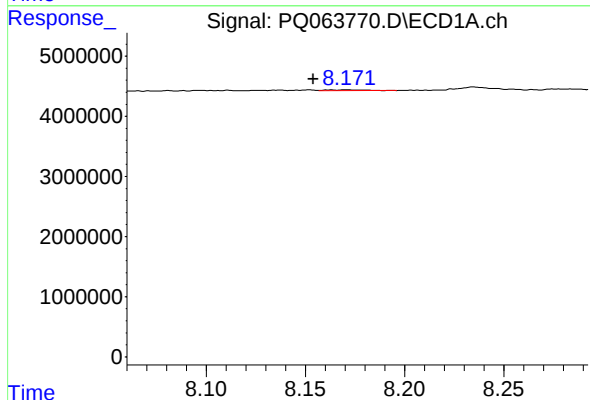
R.T.: 7.662 min
Delta R.T.: 0.017 min
Response: 350830
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



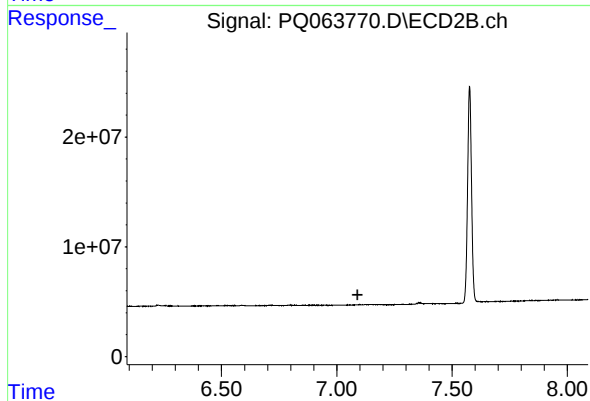
#39 AR-1262-4

R.T.: 6.588 min
Delta R.T.: -0.006 min
Response: 671265
Conc: 1.80 ng/ml



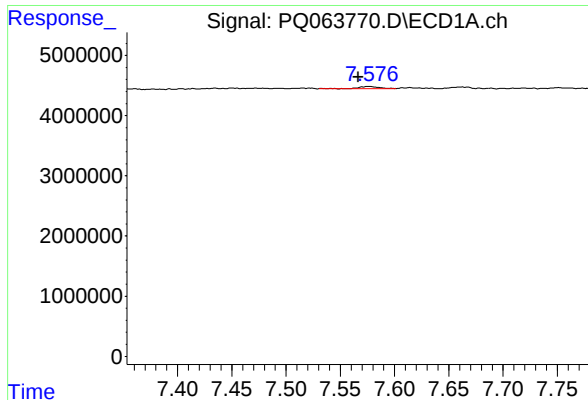
#40 AR-1262-5

R.T.: 8.171 min
Delta R.T.: 0.017 min
Response: 148394
Conc: 1.04 ng/ml



#40 AR-1262-5

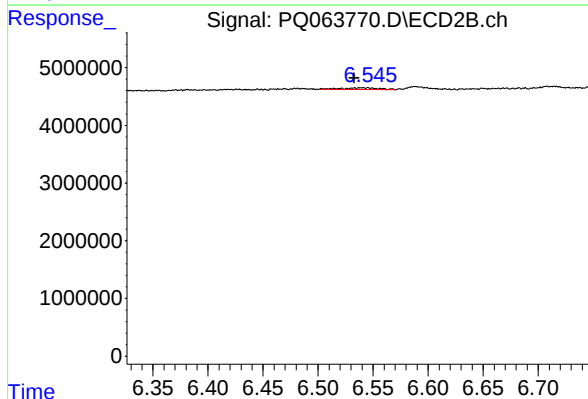
R.T.: 0.000 min
Exp R.T.: 7.090 min
Response: 0
Conc: N.D.



#41 AR-1268-1

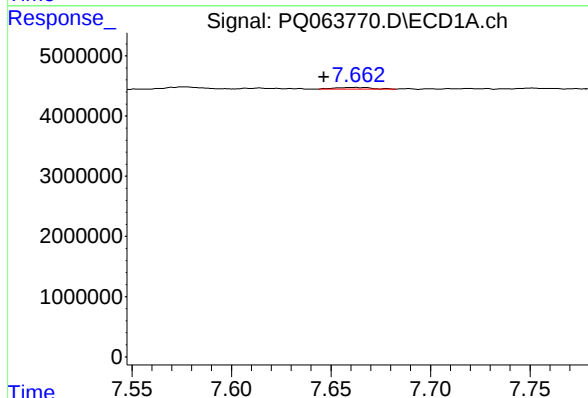
R.T.: 7.576 min
Delta R.T.: 0.010 min
Response: 465822
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



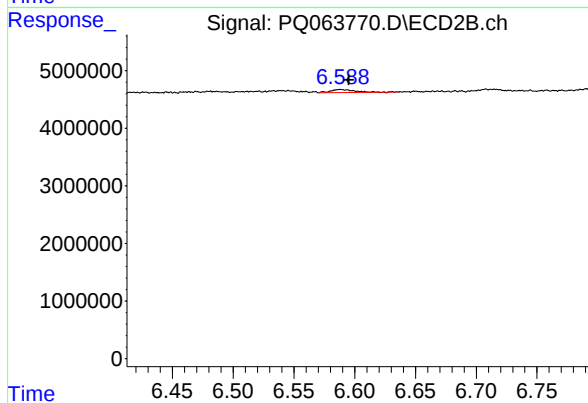
#41 AR-1268-1

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 775324
Conc: 1.35 ng/ml



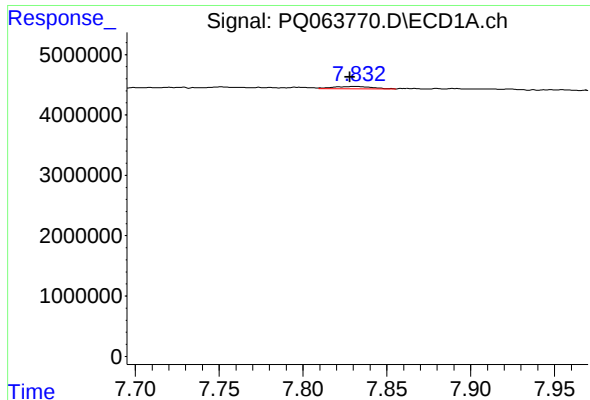
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: 0.016 min
Response: 350830
Conc: 0.78 ng/ml



#42 AR-1268-2

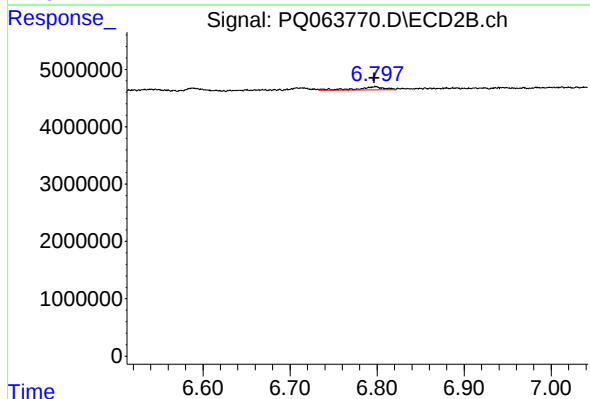
R.T.: 6.588 min
Delta R.T.: -0.007 min
Response: 671265
Conc: 1.29 ng/ml



#43 AR-1268-3

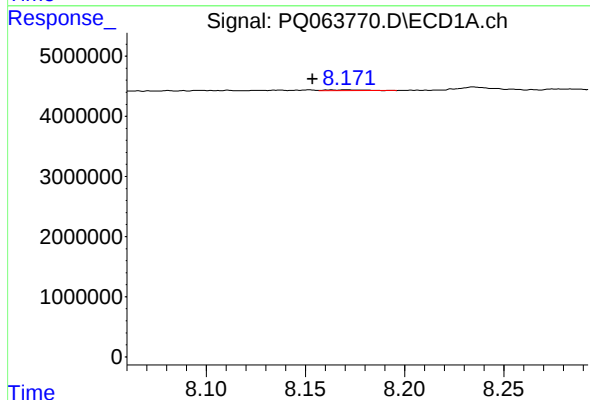
R.T.: 7.831 min
Delta R.T.: 0.003 min
Response: 660036
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



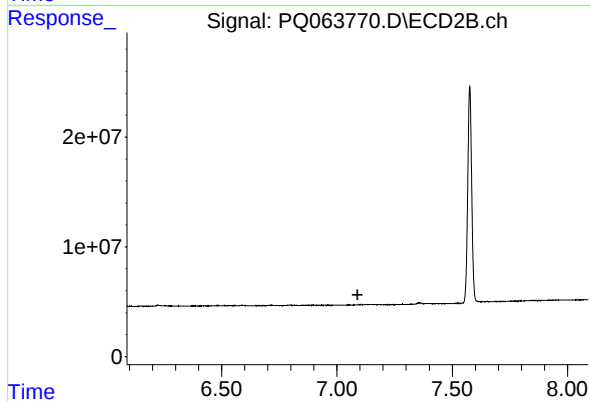
#43 AR-1268-3

R.T.: 6.798 min
Delta R.T.: 0.001 min
Response: 1147554
Conc: 2.47 ng/ml



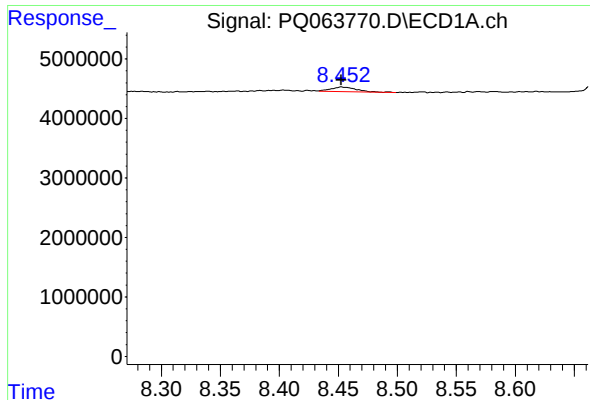
#44 AR-1268-4

R.T.: 8.171 min
Delta R.T.: 0.017 min
Response: 148394
Conc: 0.95 ng/ml



#44 AR-1268-4

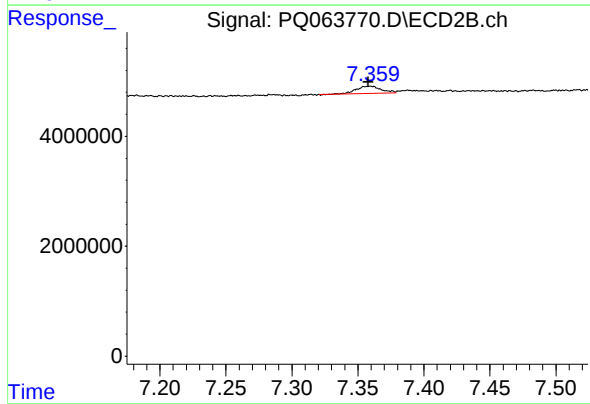
R.T.: 0.000 min
Exp R.T. : 7.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 1145280
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.360 min
Delta R.T.: 0.002 min
Response: 1696322
Conc: 1.11 ng/ml