

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
 Data File : PQ060840.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 15:34
 Operator : YP\AJ
 Sample : 02213-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:50:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.406	2.764	140.3E6	63326389	17.875	16.111
2)	SA Decachlor...	8.584	7.540	114.8E6	81481628	20.343	17.289
Target Compounds							
3)	L1 AR-1016-1	4.506	3.767	5377942	3281102	19.328	22.920
4)	L1 AR-1016-2	4.525	3.783	9875514	4753362	23.762	22.581
5)	L1 AR-1016-3	4.583	3.942	6875700	2490757	26.358	22.462
6)	L1 AR-1016-4	4.674	3.992	5589252	2194449	25.843	23.296
7)	L1 AR-1016-5	4.962	4.187	5737732	2756372	25.781	23.383
8)	L2 AR-1221-1	3.600	2.966	980532	166641	9.833	3.423 #
9)	L2 AR-1221-2	3.684	3.038	3802845	557826	50.505	15.017 #
10)	L2 AR-1221-3	3.755	3.111	4837027	1976261	21.743	17.396
11)	L3 AR-1232-1	3.755	3.111	4837027	1976261	28.300	22.832
12)	L3 AR-1232-2	4.247	3.783	5816456	4753362	58.675	50.023
13)	L3 AR-1232-3	4.525	3.942	9875514	2490757	52.654	49.917
14)	L3 AR-1232-4	4.674	4.028	5589252	2375023	56.596	55.772
15)	L3 AR-1232-5	4.772	4.187	4468196	2756372	65.786	53.598
16)	L4 AR-1242-1	4.506	3.767	5377942	3281102	25.391	29.456
17)	L4 AR-1242-2	4.525	3.783	9875514	4753362	31.352	29.372
18)	L4 AR-1242-3	4.583	3.942	6875700	2490757	34.110	29.449
19)	L4 AR-1242-4	4.674	4.028	5589252	2375023	32.670	28.683
20)	L4 AR-1242-5	5.393	4.524	993282	2781508	5.866	24.385 #
21)	L5 AR-1248-1	4.506	3.767	5377942	3281102	31.855	37.199
22)	L5 AR-1248-2	4.772	3.992	4468196	2194449	19.521	16.833
23)	L5 AR-1248-3	4.962	4.028	5737732	2375023	20.476	18.918
24)	L5 AR-1248-4	5.353	4.187	1734161	2756372	5.570	17.692 #
25)	L5 AR-1248-5	5.393	4.567	993282	180277	3.313	1.175 #
26)	L6 AR-1254-1	5.327	4.524	6430318	2781508	20.202	11.984 #
27)	L6 AR-1254-2	5.547	4.670	4773086	2143138	9.691	10.210
28)	L6 AR-1254-3	5.899	5.056	2579376	405845	5.102	1.229 #
29)	L6 AR-1254-4	6.184	5.281	1560765	330218	4.168	1.578 #
30)	L6 AR-1254-5	6.594	5.685	18155351	8002612	42.934	24.469 #
31)	L7 AR-1260-1	6.063	5.182	11462610	5965976	29.814	25.753
32)	L7 AR-1260-2	6.324	5.372	16144673	8021567	35.250	27.991
33)	L7 AR-1260-3	6.676	5.515	11135833	8671757	38.464	31.814
34)	L7 AR-1260-4	6.893	5.975	11804422	5672684	34.281	28.052
35)	L7 AR-1260-5	7.204	6.222	20869814	12034818	31.932	26.008
36)	L8 AR-1262-1	6.676	5.728	11135833	6056670	23.397	19.068
37)	L8 AR-1262-2	7.204	6.222	20869814	12034818	26.697	20.644
38)	L8 AR-1262-3	7.483	6.502	14165781	3515679	26.916	14.784 #
39)	L8 AR-1262-4	7.552	6.559	8010344	10116631	19.440	22.877
40)	L8 AR-1262-5	8.058	7.056	6729644	7008573	24.878	33.132 #
41)	L9 AR-1268-1	7.483	6.502	14165781	3515679	16.282	5.229 #

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 Operator : YP\AJ
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 Misc : AR1660 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

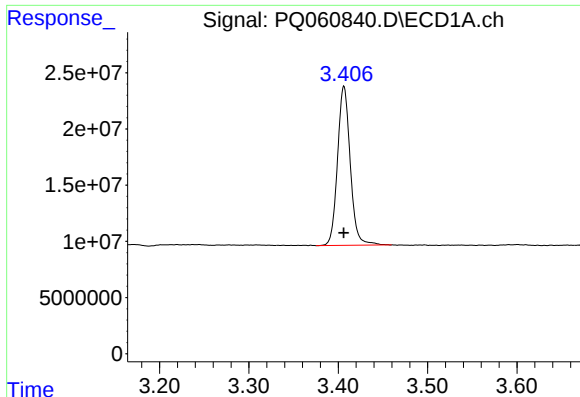
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:50:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
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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	7.552	6.559	8010344	10116631	10.108	16.366 #
43) L9	AR-1268-3	7.714	6.755	638186	5310794	0.962	9.802 #
44) L9	AR-1268-4	8.058	7.056	6729644	7008573	22.821	30.056 #
45) L9	AR-1268-5	8.351	7.324	1832095	3038138	0.971	1.738 #

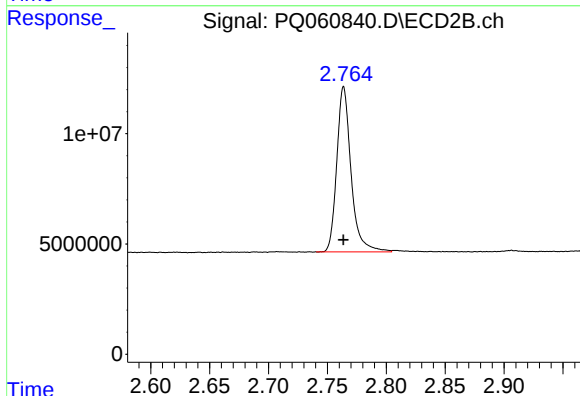
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

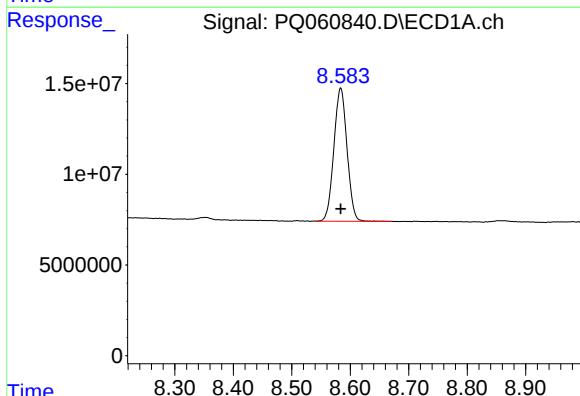
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 140324520
Conc: 17.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



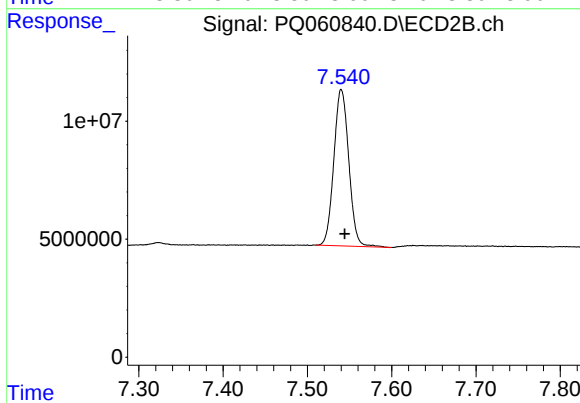
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 63326389
Conc: 16.11 ng/ml



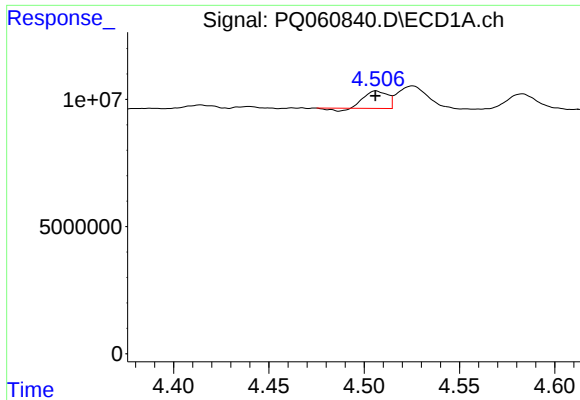
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 114799434
Conc: 20.34 ng/ml



#2 Decachlorobiphenyl

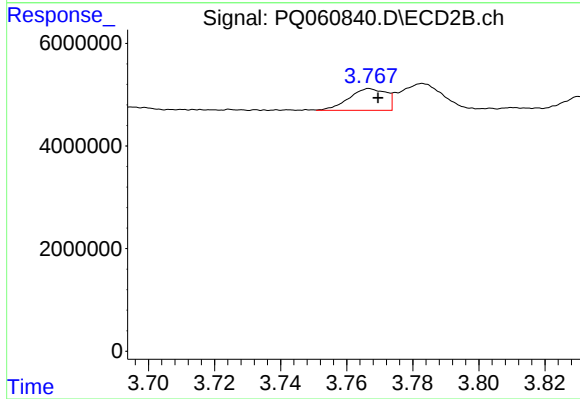
R.T.: 7.540 min
Delta R.T.: -0.004 min
Response: 81481628
Conc: 17.29 ng/ml



#3 AR-1016-1

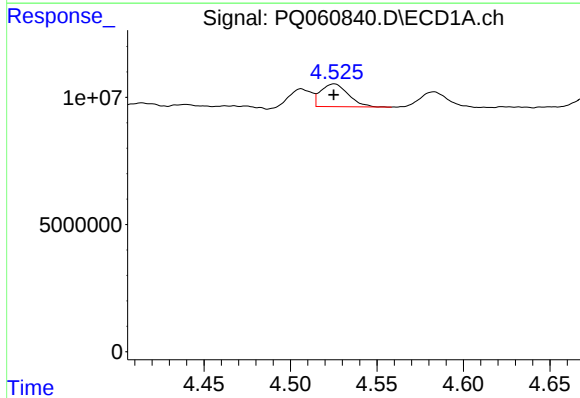
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 5377942
Conc: 19.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



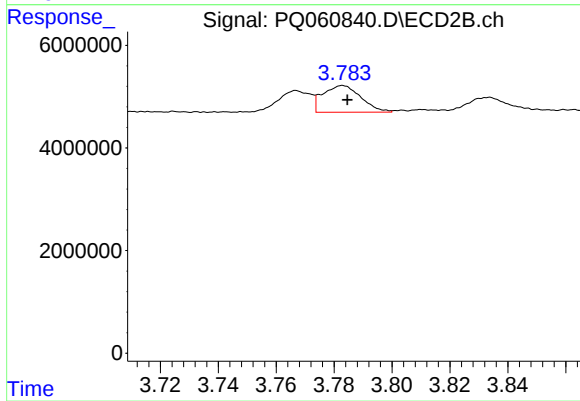
#3 AR-1016-1

R.T.: 3.767 min
Delta R.T.: -0.003 min
Response: 3281102
Conc: 22.92 ng/ml



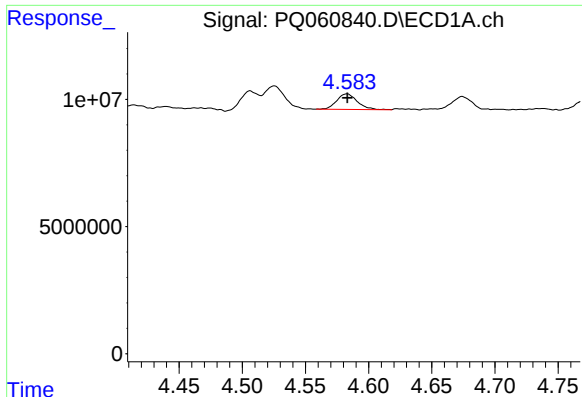
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 9875514
Conc: 23.76 ng/ml



#4 AR-1016-2

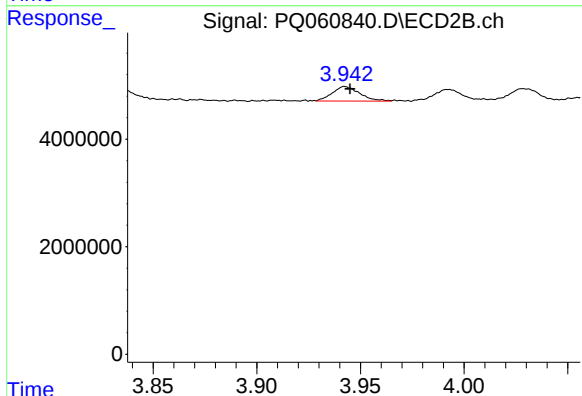
R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 4753362
Conc: 22.58 ng/ml



#5 AR-1016-3

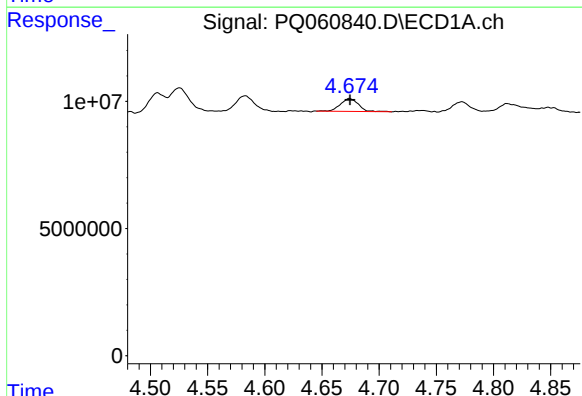
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 6875700
Conc: 26.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



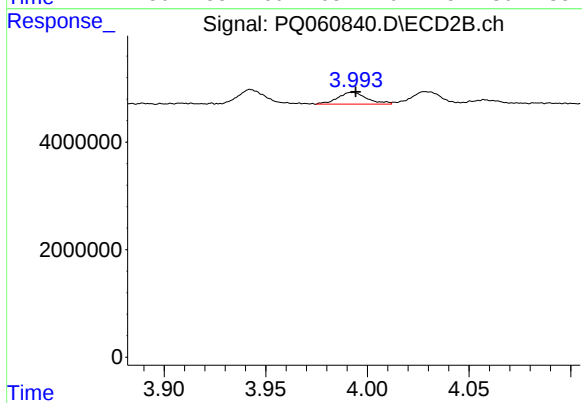
#5 AR-1016-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 2490757
Conc: 22.46 ng/ml



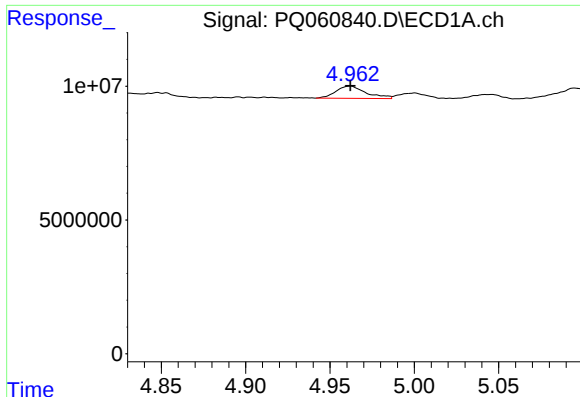
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 5589252
Conc: 25.84 ng/ml



#6 AR-1016-4

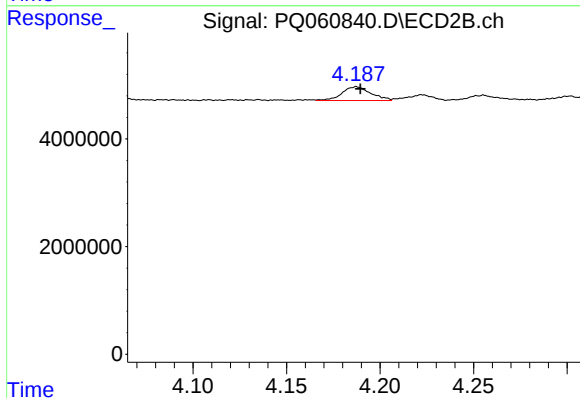
R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 2194449
Conc: 23.30 ng/ml



#7 AR-1016-5

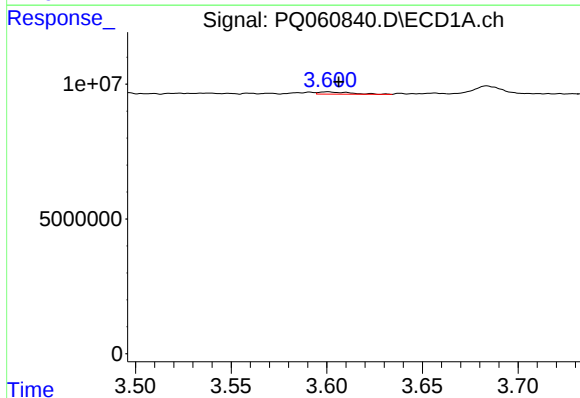
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 5737732
Conc: 25.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



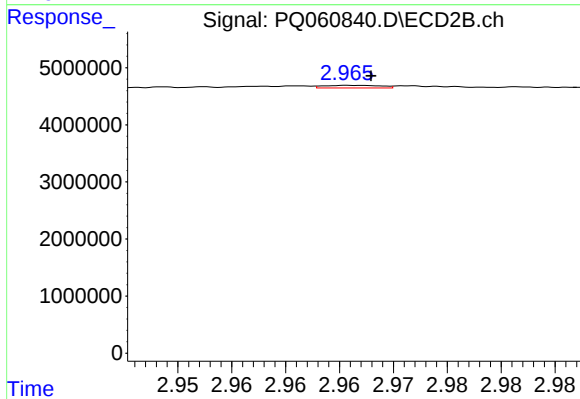
#7 AR-1016-5

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 2756372
Conc: 23.38 ng/ml



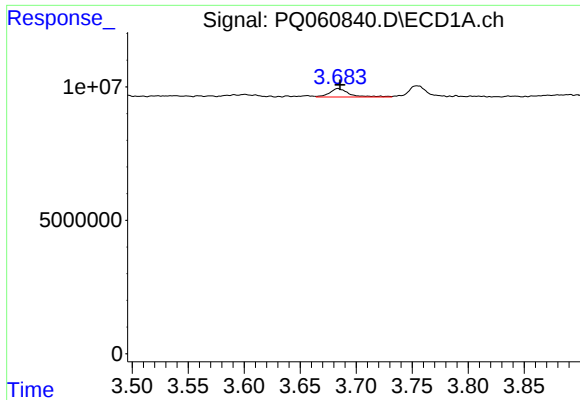
#8 AR-1221-1

R.T.: 3.600 min
Delta R.T.: -0.006 min
Response: 980532
Conc: 9.83 ng/ml



#8 AR-1221-1

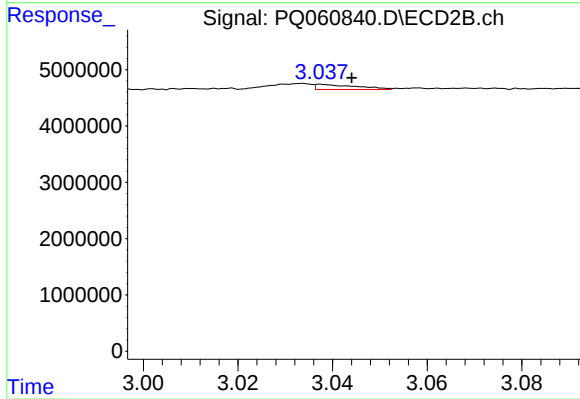
R.T.: 2.966 min
Delta R.T.: -0.002 min
Response: 166641
Conc: 3.42 ng/ml



#9 AR-1221-2

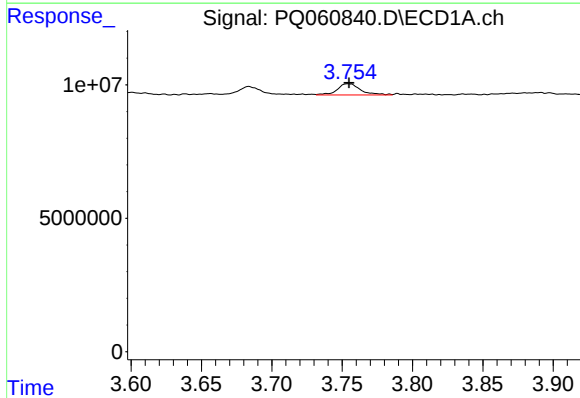
R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 3802845
Conc: 50.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



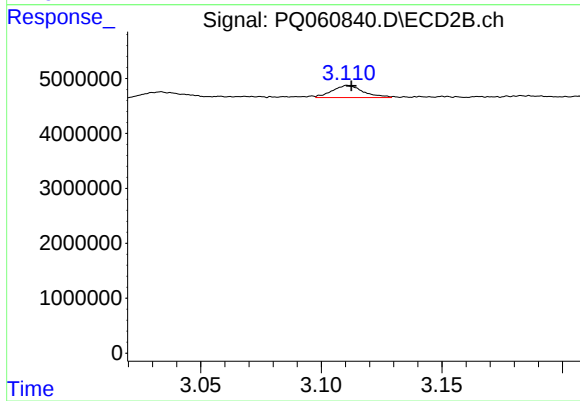
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: -0.006 min
Response: 557826
Conc: 15.02 ng/ml



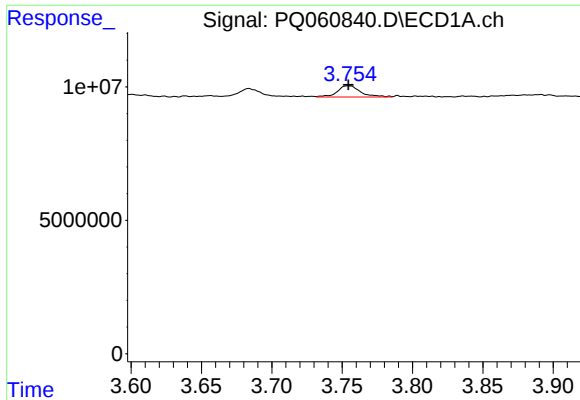
#10 AR-1221-3

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 4837027
Conc: 21.74 ng/ml



#10 AR-1221-3

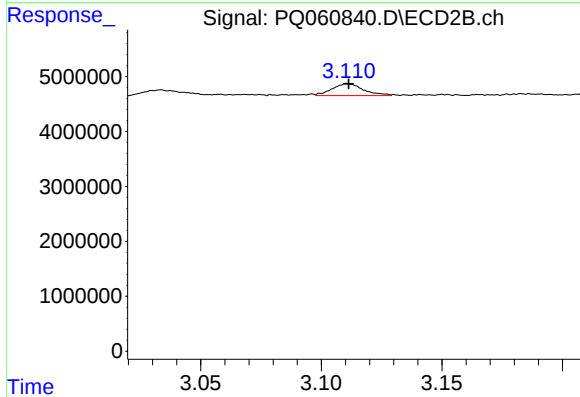
R.T.: 3.111 min
Delta R.T.: -0.002 min
Response: 1976261
Conc: 17.40 ng/ml



#11 AR-1232-1

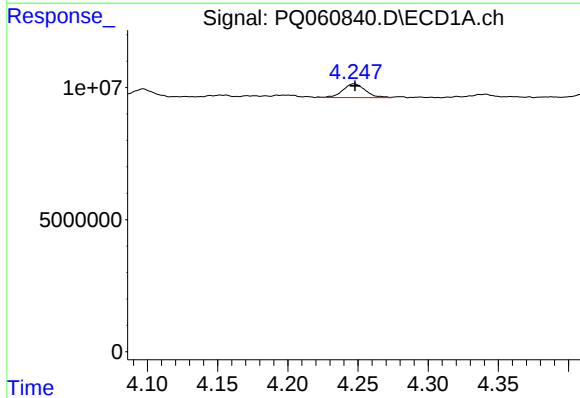
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 4837027
Conc: 28.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



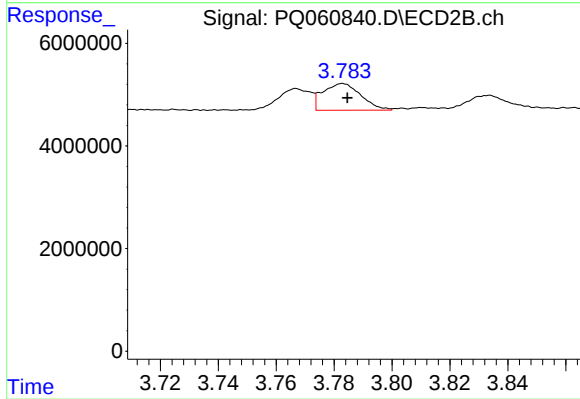
#11 AR-1232-1

R.T.: 3.111 min
Delta R.T.: 0.000 min
Response: 1976261
Conc: 22.83 ng/ml



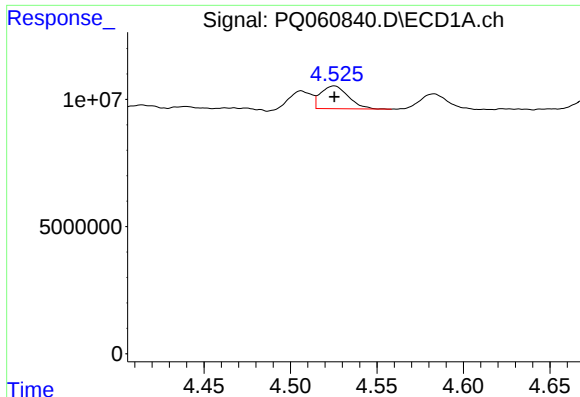
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 5816456
Conc: 58.67 ng/ml



#12 AR-1232-2

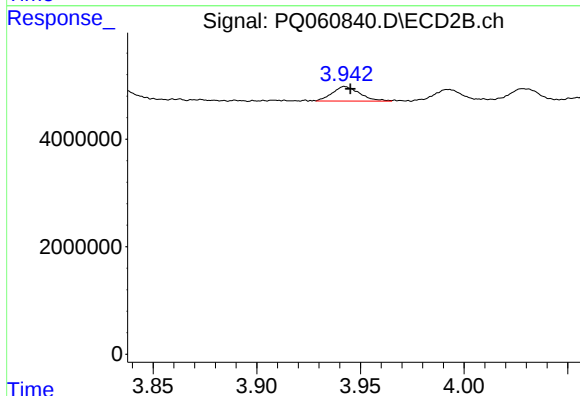
R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 4753362
Conc: 50.02 ng/ml



#13 AR-1232-3

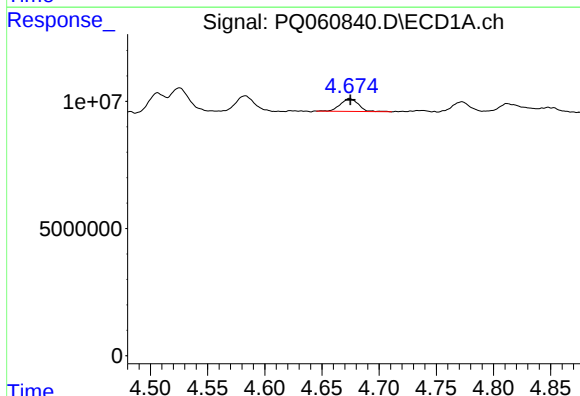
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 9875514
Conc: 52.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



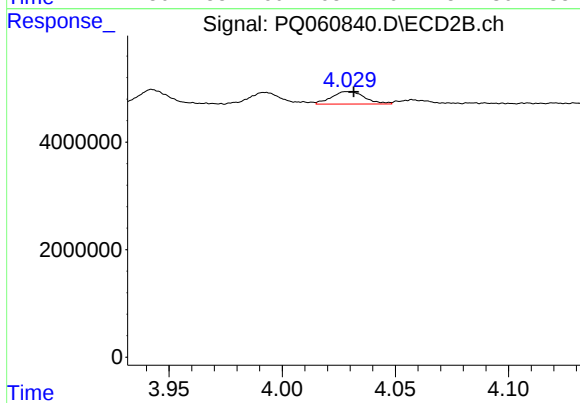
#13 AR-1232-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 2490757
Conc: 49.92 ng/ml



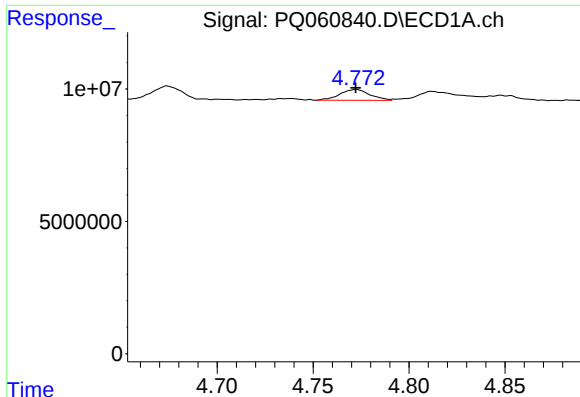
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 5589252
Conc: 56.60 ng/ml



#14 AR-1232-4

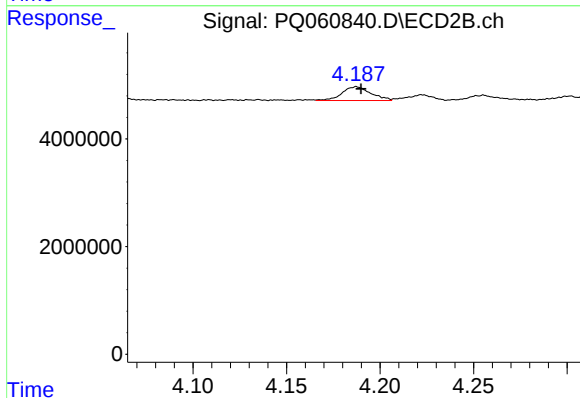
R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 2375023
Conc: 55.77 ng/ml



#15 AR-1232-5

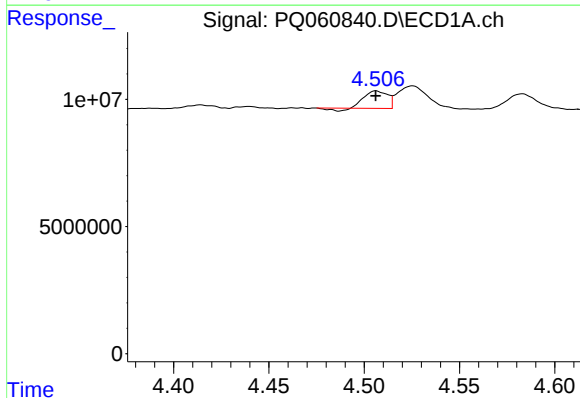
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 4468196
Conc: 65.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



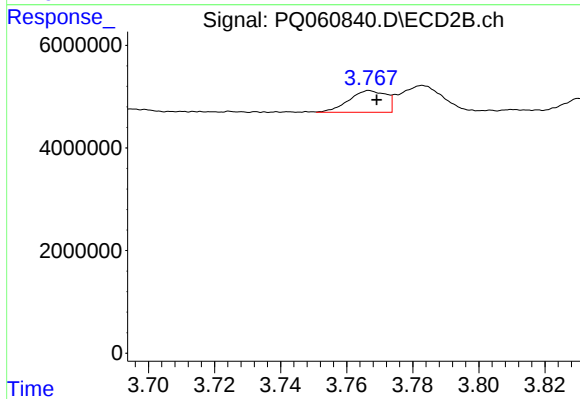
#15 AR-1232-5

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 2756372
Conc: 53.60 ng/ml



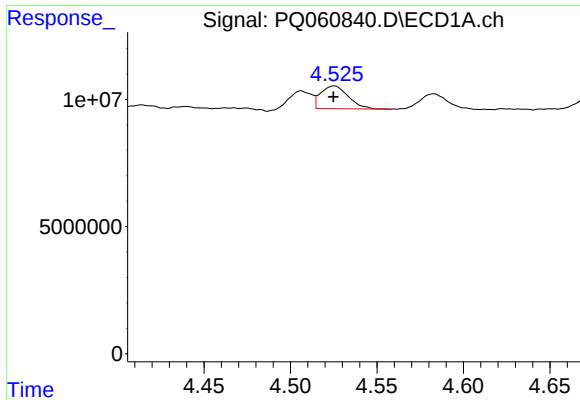
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 5377942
Conc: 25.39 ng/ml



#16 AR-1242-1

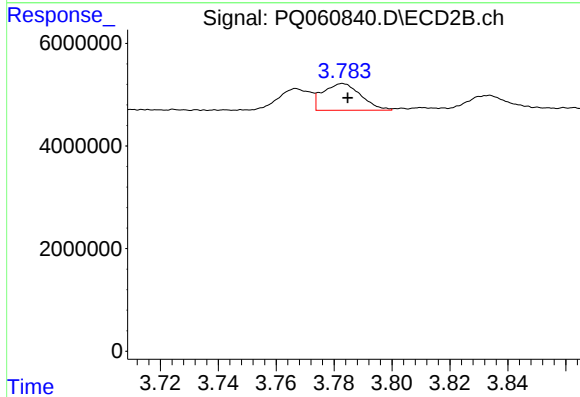
R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 3281102
Conc: 29.46 ng/ml



#17 AR-1242-2

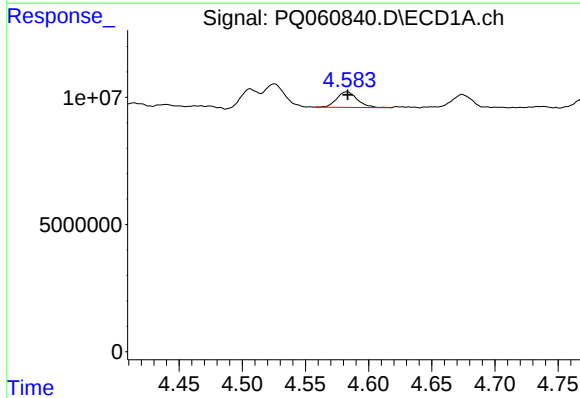
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 9875514
Conc: 31.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



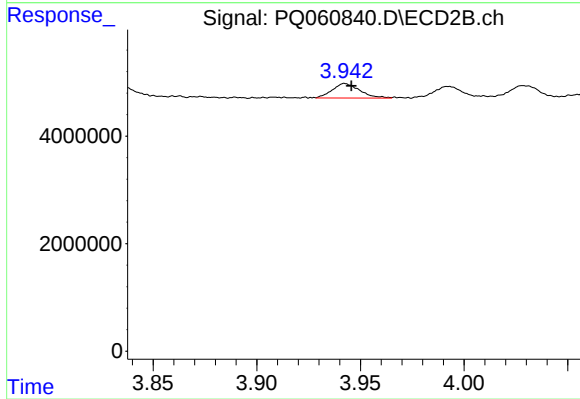
#17 AR-1242-2

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 4753362
Conc: 29.37 ng/ml



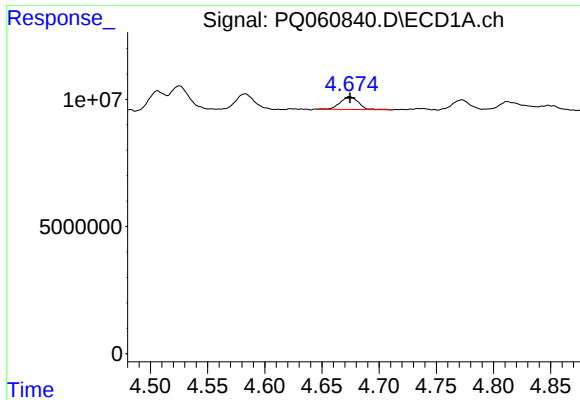
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 6875700
Conc: 34.11 ng/ml



#18 AR-1242-3

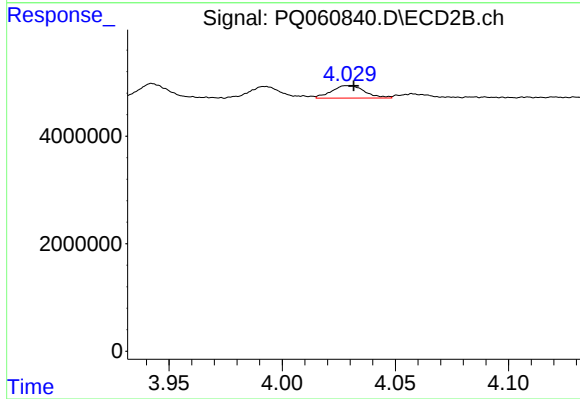
R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 2490757
Conc: 29.45 ng/ml



#19 AR-1242-4

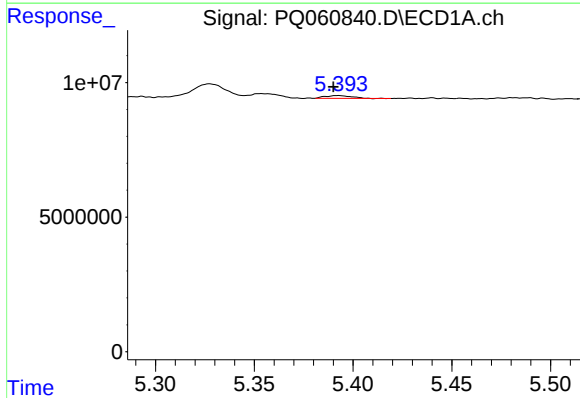
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 5589252
Conc: 32.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



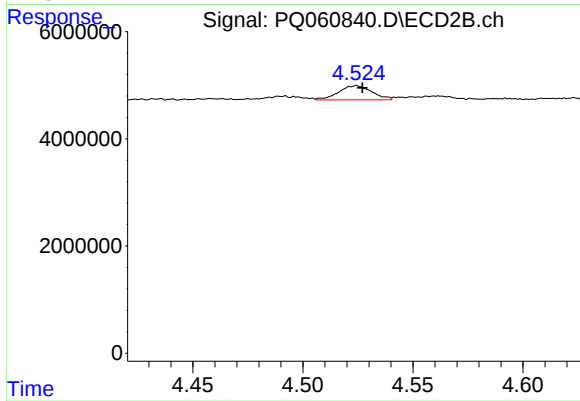
#19 AR-1242-4

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 2375023
Conc: 28.68 ng/ml



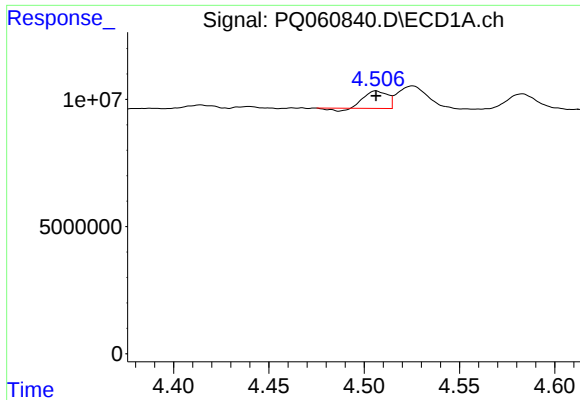
#20 AR-1242-5

R.T.: 5.393 min
Delta R.T.: 0.002 min
Response: 993282
Conc: 5.87 ng/ml



#20 AR-1242-5

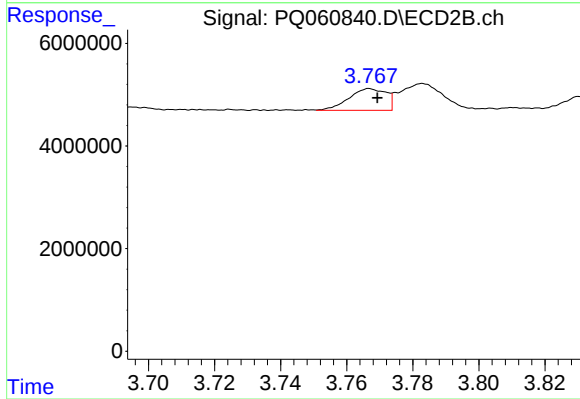
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 2781508
Conc: 24.39 ng/ml



#21 AR-1248-1

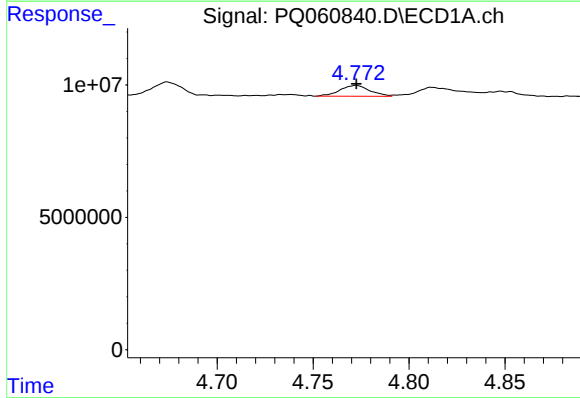
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 5377942
Conc: 31.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



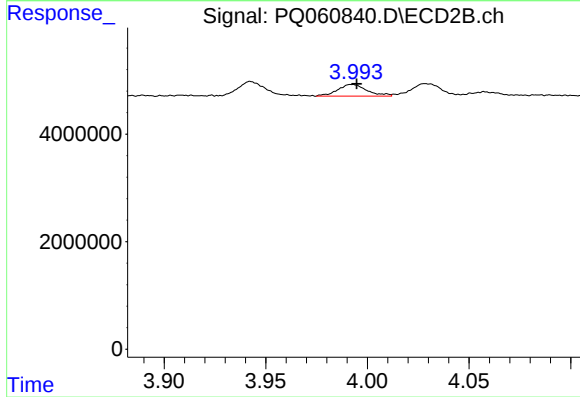
#21 AR-1248-1

R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 3281102
Conc: 37.20 ng/ml



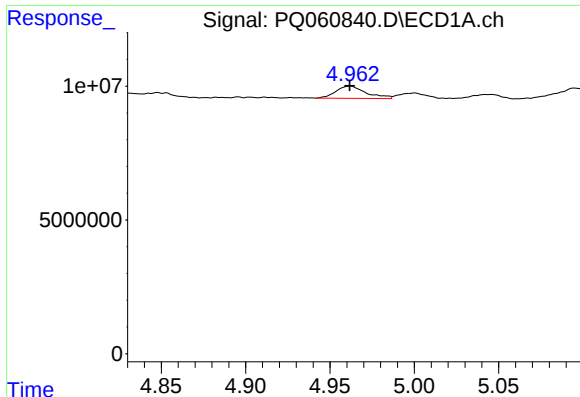
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 4468196
Conc: 19.52 ng/ml



#22 AR-1248-2

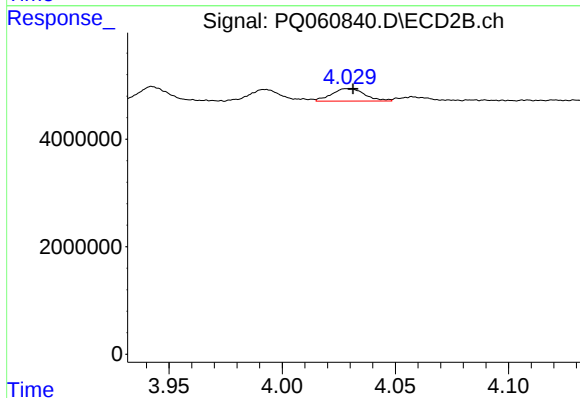
R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 2194449
Conc: 16.83 ng/ml



#23 AR-1248-3

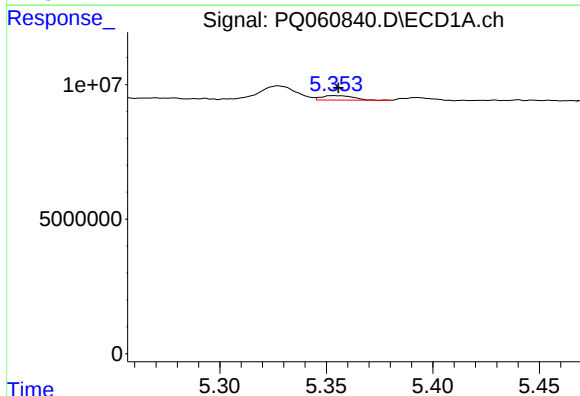
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 5737732
Conc: 20.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



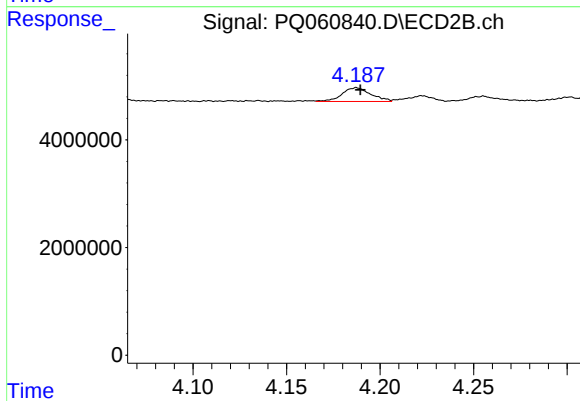
#23 AR-1248-3

R.T.: 4.028 min
Delta R.T.: -0.003 min
Response: 2375023
Conc: 18.92 ng/ml



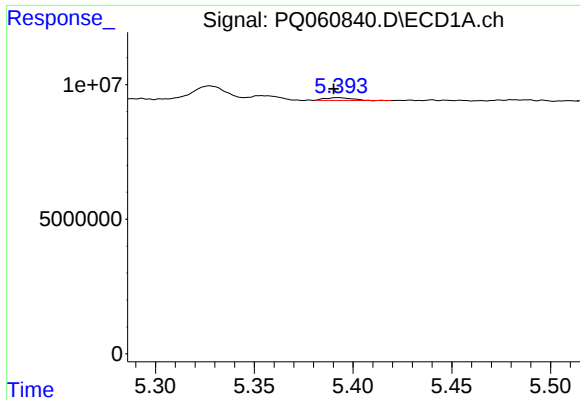
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: -0.002 min
Response: 1734161
Conc: 5.57 ng/ml



#24 AR-1248-4

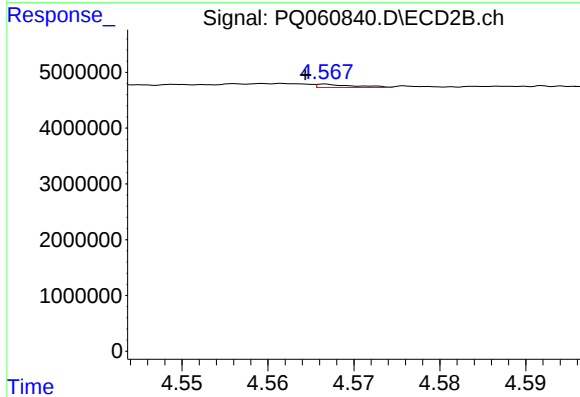
R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 2756372
Conc: 17.69 ng/ml



#25 AR-1248-5

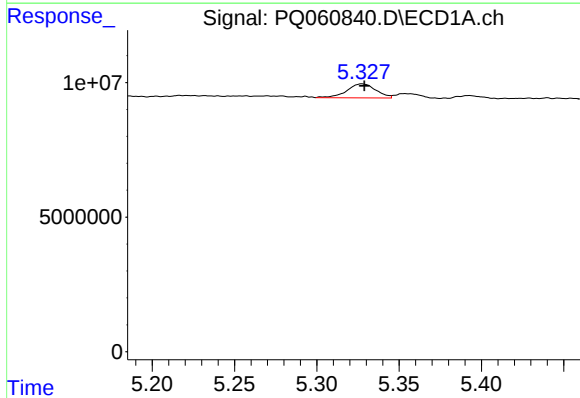
R.T.: 5.393 min
Delta R.T.: 0.002 min
Response: 993282
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



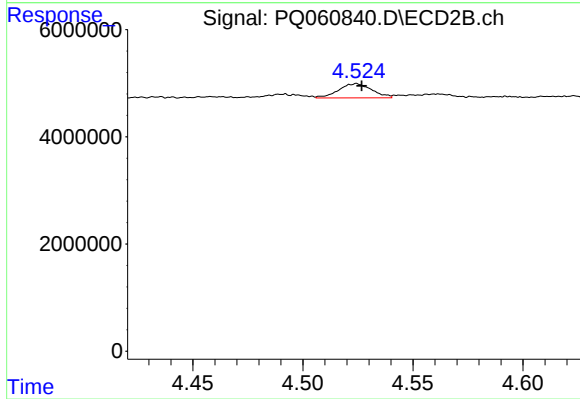
#25 AR-1248-5

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 180277
Conc: 1.18 ng/ml



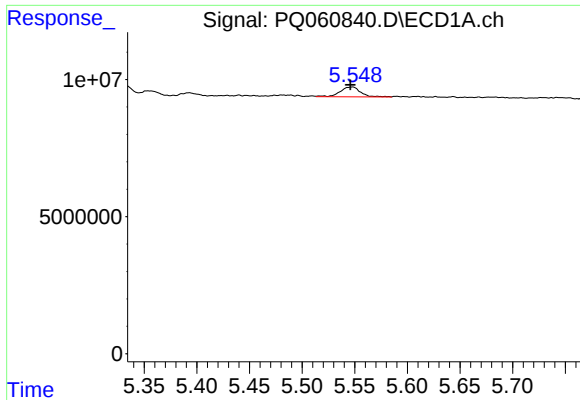
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 6430318
Conc: 20.20 ng/ml



#26 AR-1254-1

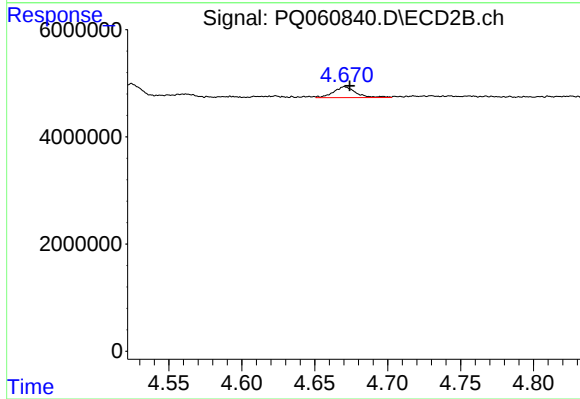
R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 2781508
Conc: 11.98 ng/ml



#27 AR-1254-2

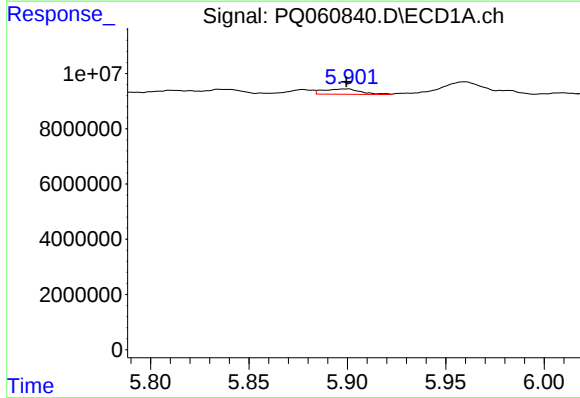
R.T.: 5.547 min
Delta R.T.: 0.001 min
Response: 4773086
Conc: 9.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



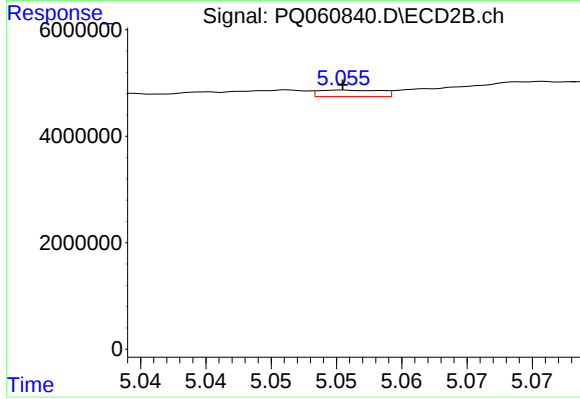
#27 AR-1254-2

R.T.: 4.670 min
Delta R.T.: -0.004 min
Response: 2143138
Conc: 10.21 ng/ml



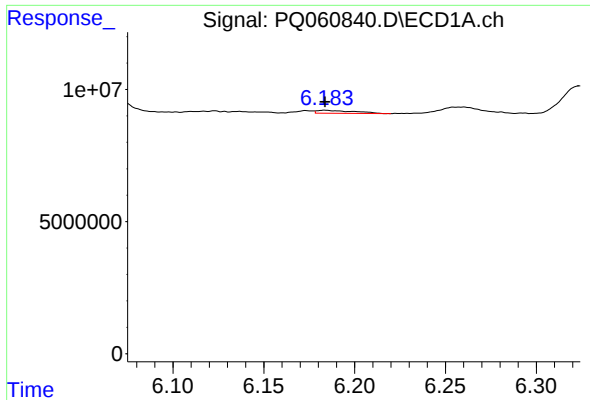
#28 AR-1254-3

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 2579376
Conc: 5.10 ng/ml



#28 AR-1254-3

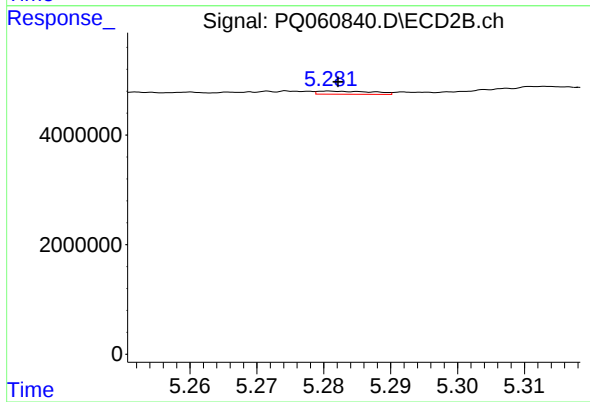
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 405845
Conc: 1.23 ng/ml



#29 AR-1254-4

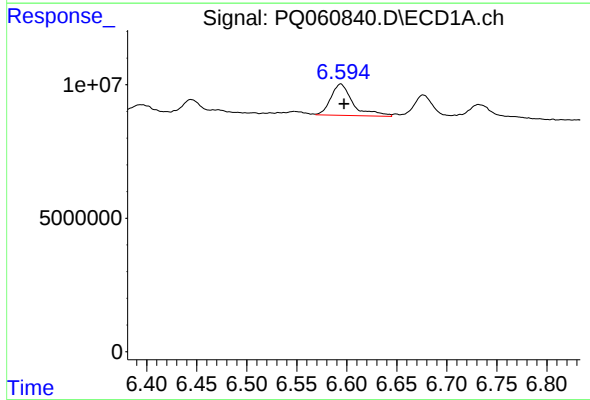
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 1560765
Conc: 4.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



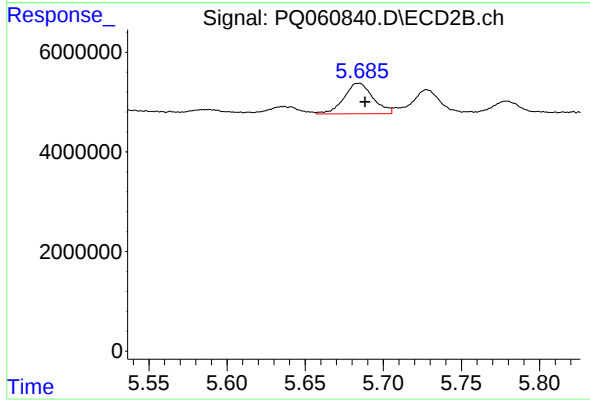
#29 AR-1254-4

R.T.: 5.281 min
Delta R.T.: -0.001 min
Response: 330218
Conc: 1.58 ng/ml



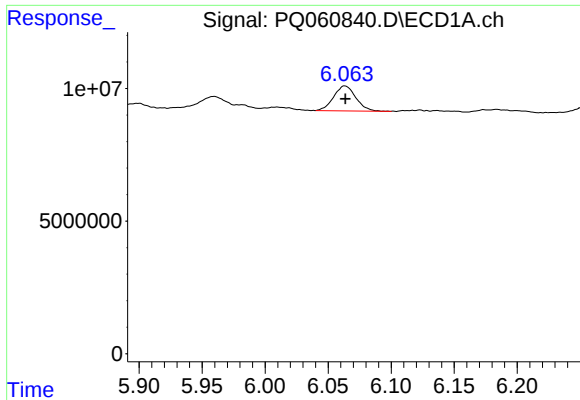
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 18155351
Conc: 42.93 ng/ml



#30 AR-1254-5

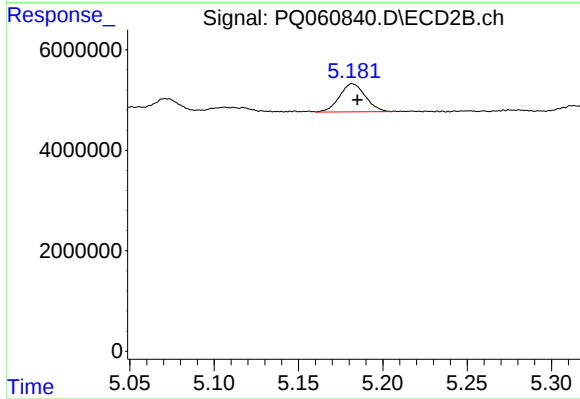
R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: 8002612
Conc: 24.47 ng/ml



#31 AR-1260-1

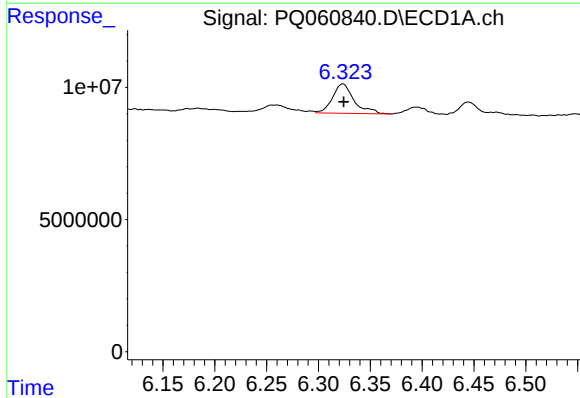
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 11462610
Conc: 29.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



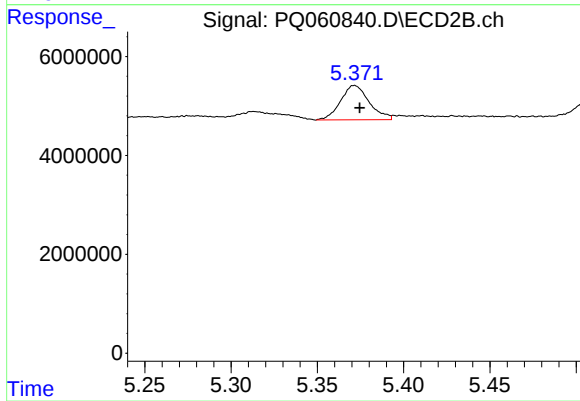
#31 AR-1260-1

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 5965976
Conc: 25.75 ng/ml



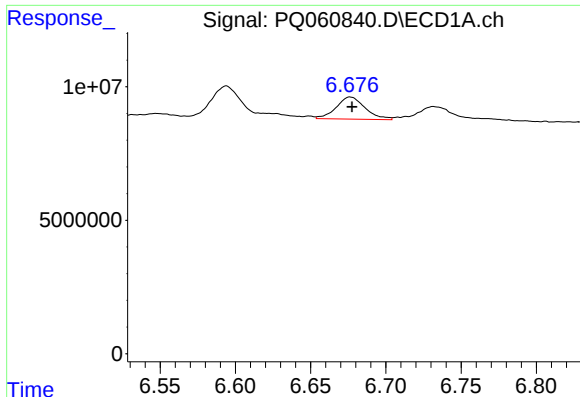
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 16144673
Conc: 35.25 ng/ml



#32 AR-1260-2

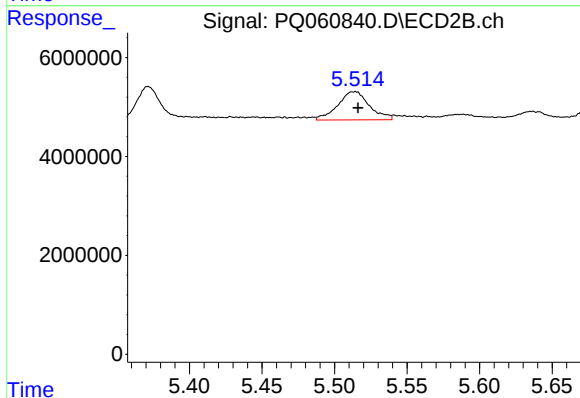
R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 8021567
Conc: 27.99 ng/ml



#33 AR-1260-3

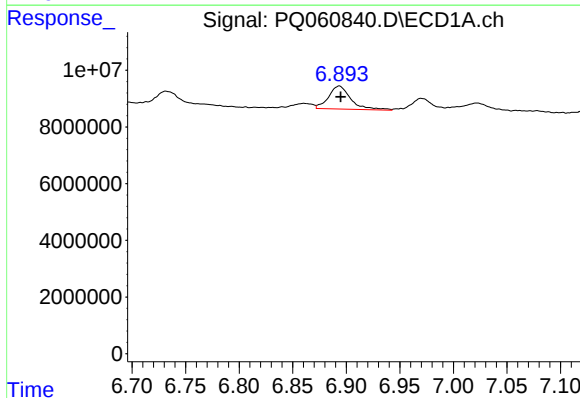
R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 11135833
Conc: 38.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



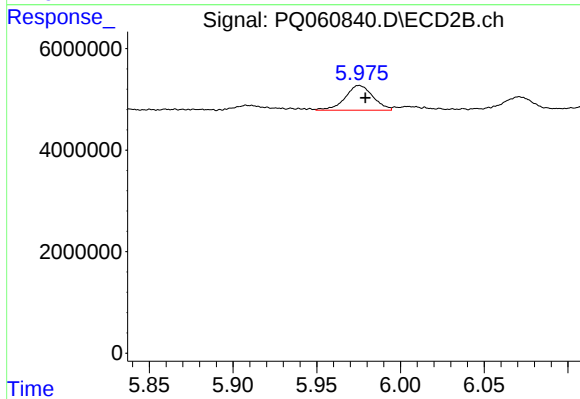
#33 AR-1260-3

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 8671757
Conc: 31.81 ng/ml



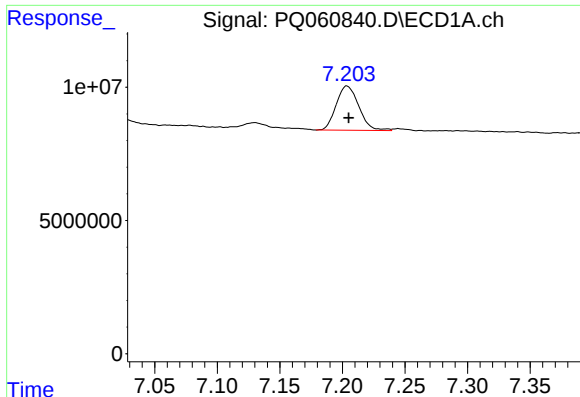
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: -0.001 min
Response: 11804422
Conc: 34.28 ng/ml



#34 AR-1260-4

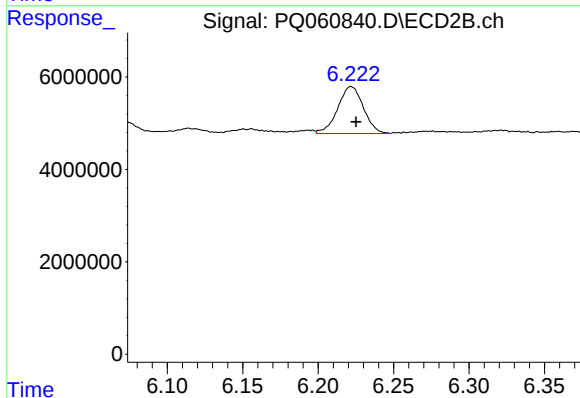
R.T.: 5.975 min
Delta R.T.: -0.004 min
Response: 5672684
Conc: 28.05 ng/ml



#35 AR-1260-5

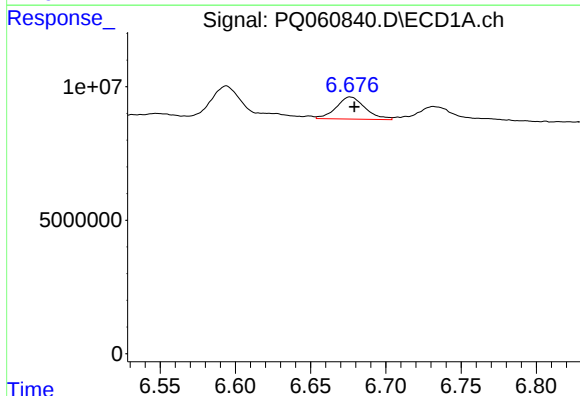
R.T.: 7.204 min
Delta R.T.: -0.001 min
Response: 20869814
Conc: 31.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



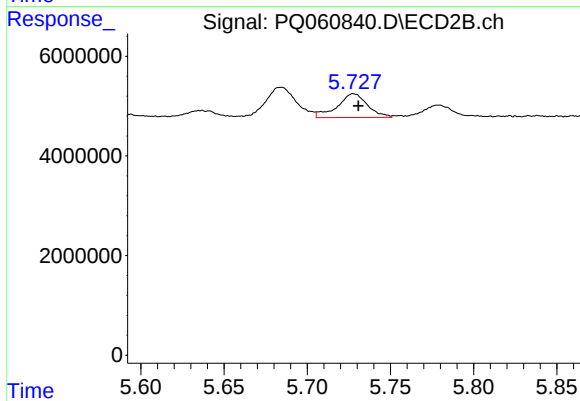
#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 12034818
Conc: 26.01 ng/ml



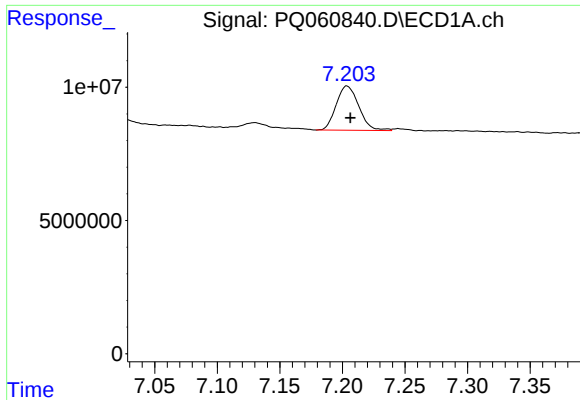
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 11135833
Conc: 23.40 ng/ml



#36 AR-1262-1

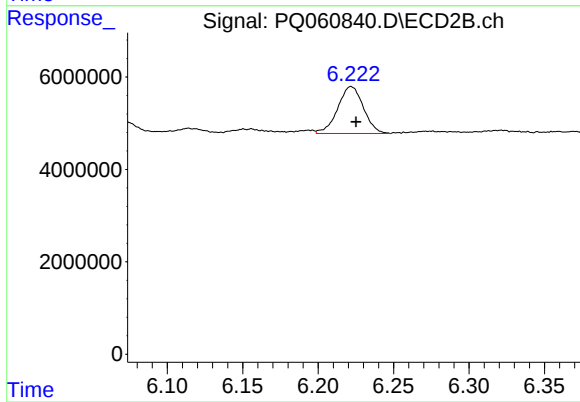
R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 6056670
Conc: 19.07 ng/ml



#37 AR-1262-2

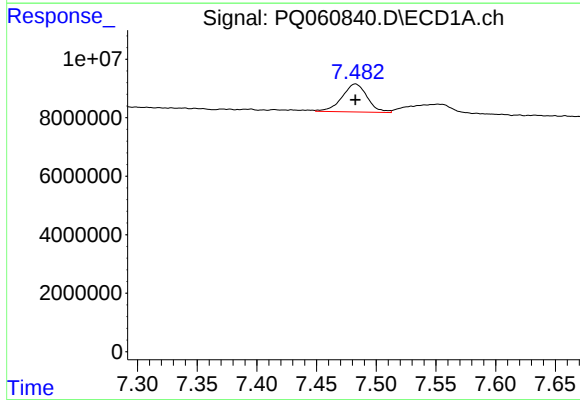
R.T.: 7.204 min
Delta R.T.: -0.003 min
Response: 20869814
Conc: 26.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



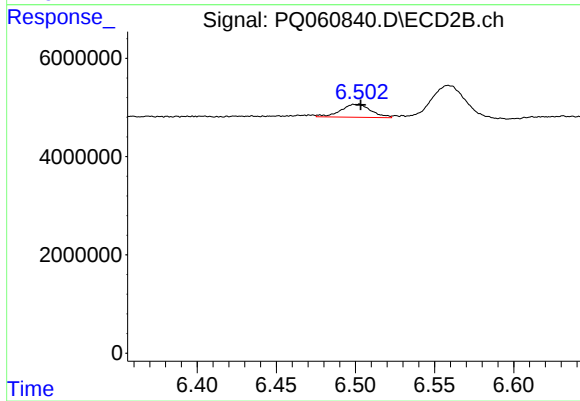
#37 AR-1262-2

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 12034818
Conc: 20.64 ng/ml



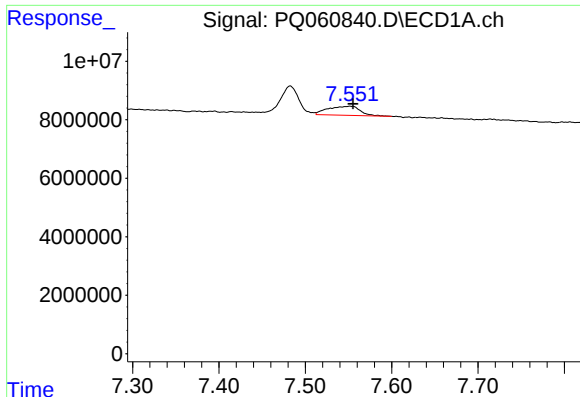
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 14165781
Conc: 26.92 ng/ml



#38 AR-1262-3

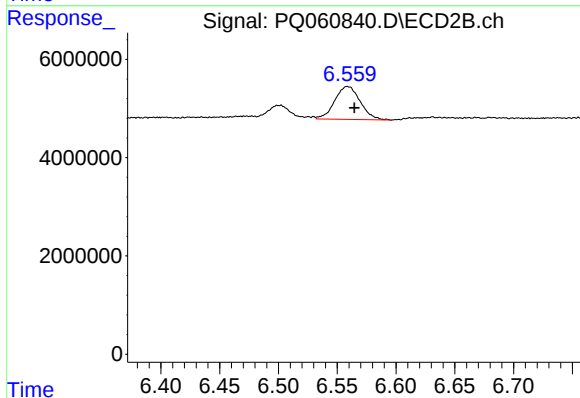
R.T.: 6.502 min
Delta R.T.: -0.001 min
Response: 3515679
Conc: 14.78 ng/ml



#39 AR-1262-4

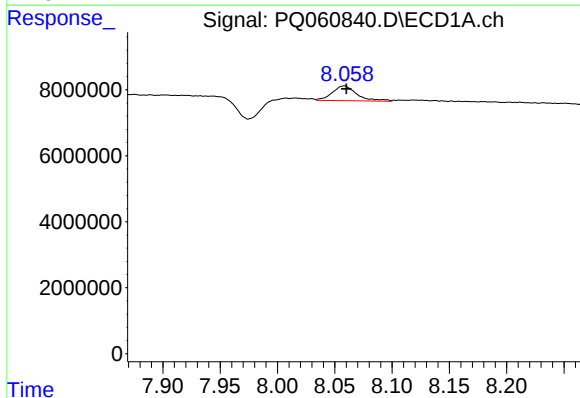
R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 8010344
Conc: 19.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



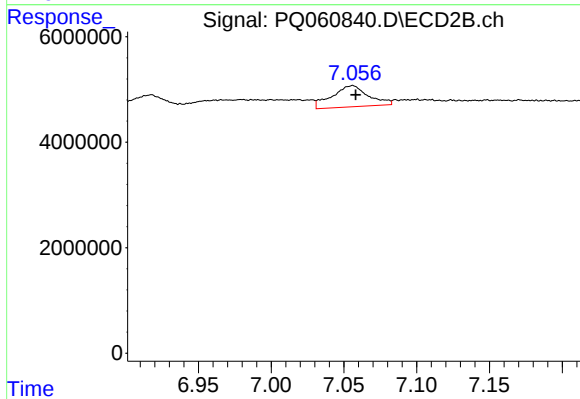
#39 AR-1262-4

R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 10116631
Conc: 22.88 ng/ml



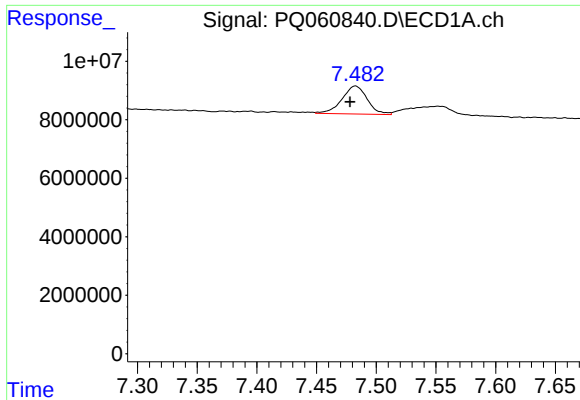
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: -0.002 min
Response: 6729644
Conc: 24.88 ng/ml



#40 AR-1262-5

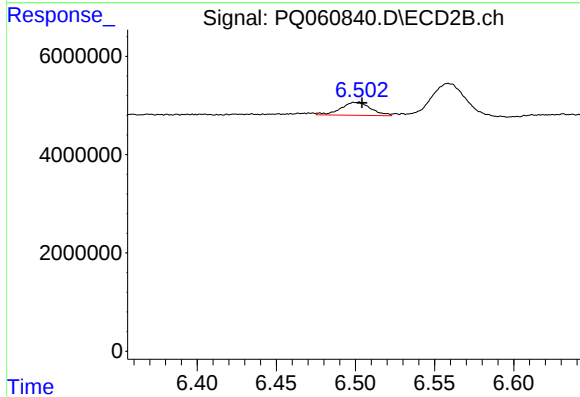
R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 7008573
Conc: 33.13 ng/ml



#41 AR-1268-1

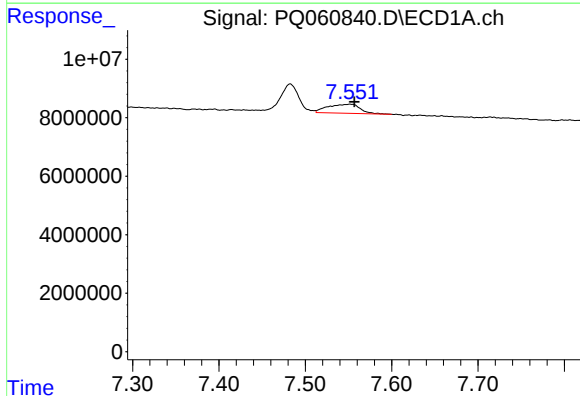
R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 14165781
Conc: 16.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



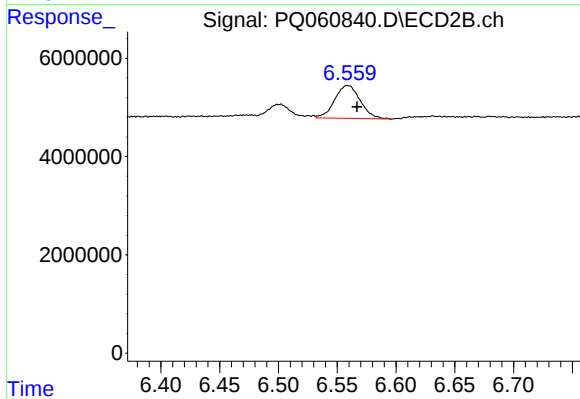
#41 AR-1268-1

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 3515679
Conc: 5.23 ng/ml



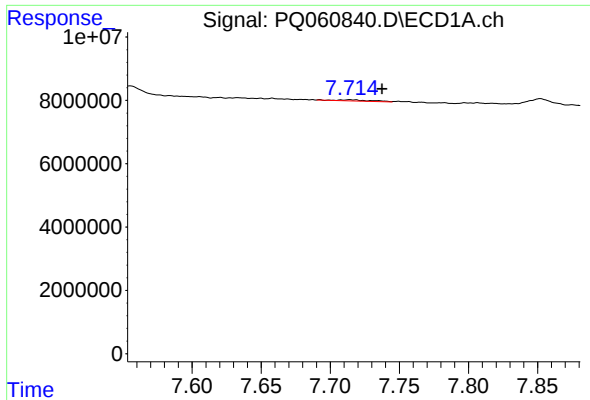
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.005 min
Response: 8010344
Conc: 10.11 ng/ml



#42 AR-1268-2

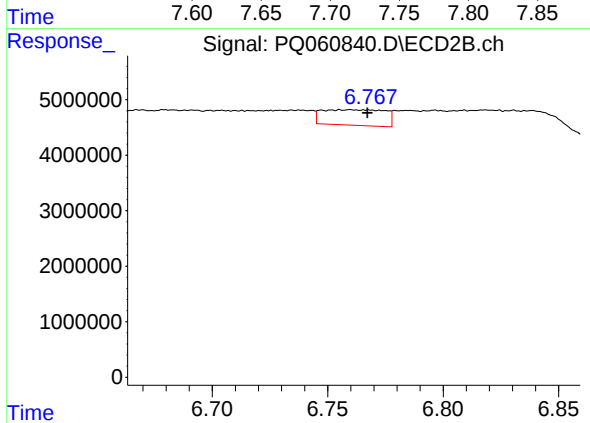
R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 10116631
Conc: 16.37 ng/ml



#43 AR-1268-3

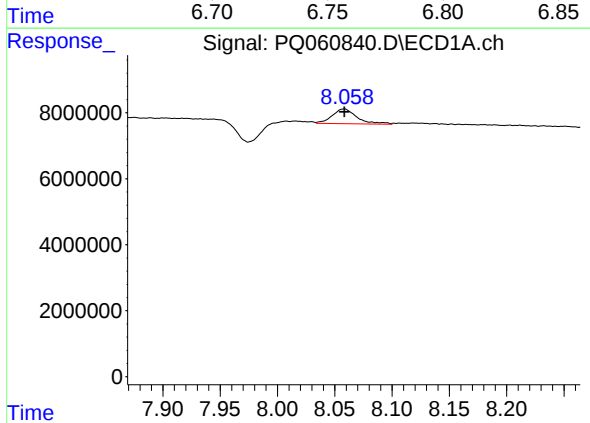
R.T.: 7.714 min
Delta R.T.: -0.023 min
Response: 638186
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



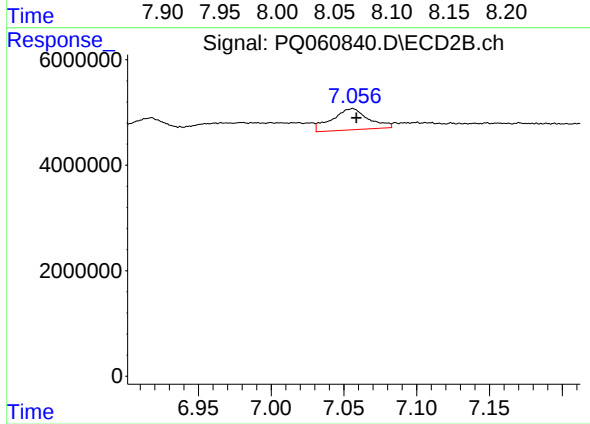
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: -0.012 min
Response: 5310794
Conc: 9.80 ng/ml



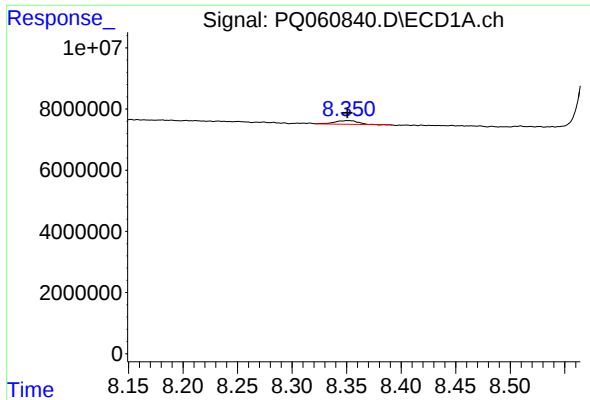
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 6729644
Conc: 22.82 ng/ml



#44 AR-1268-4

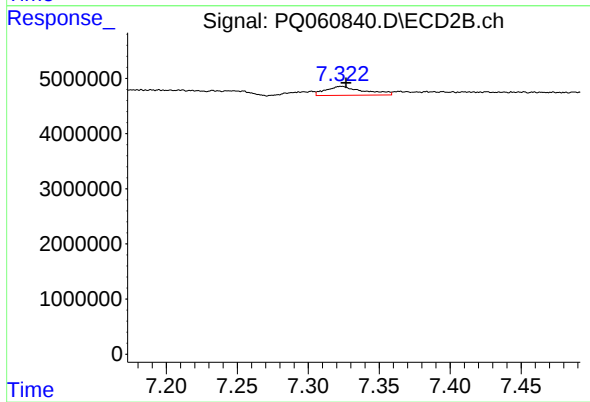
R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 7008573
Conc: 30.06 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 1832095
Conc: 0.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 3038138
Conc: 1.74 ng/ml