

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112123\
 Data File : PQ064269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 14:42
 Operator : YP\AJ
 Sample : 05489-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 00:44:21 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...	3.457	2.775	72593902	79356046	17.031	21.578 #
2)	SA Decachlor...	8.691	7.569	44258425	51822285	13.708	11.060
Target Compounds							
3)	L1 AR-1016-1	4.573	3.783	10375413	7971564	75.288	63.277
4)	L1 AR-1016-2	4.592	3.800	20520933	12019775	97.158	66.341 #
5)	L1 AR-1016-3	4.652	3.961	10433783	8394277	78.344	86.139
6)	L1 AR-1016-4	4.742	4.009	5822429	10950699	55.379	129.799 #
7)	L1 AR-1016-5	5.033	4.206	22639158	19220926	213.690	192.188
8)	L2 AR-1221-1	3.644	2.973	1961371	700519	36.247	13.594 #
9)	L2 AR-1221-2	3.739	3.044	1619519	4395385	44.334	126.060 #
10)	L2 AR-1221-3	3.816	3.125	4926858	2621361	41.487	23.765 #
11)	L3 AR-1232-1	3.816	3.125	4926858	2621361	52.675	30.274 #
12)	L3 AR-1232-2	4.310	3.800	16194096	12019775	308.359	151.113 #
13)	L3 AR-1232-3	4.592	3.961	20520933	8394277	228.156	202.764
14)	L3 AR-1232-4	4.742	4.047	5822429	13242518	133.160	364.641 #
15)	L3 AR-1232-5	4.842	4.206	10610385	19220926	317.294	457.452 #
16)	L4 AR-1242-1	4.573	3.783	10375413	7971564	92.075	77.494
17)	L4 AR-1242-2	4.592	3.800	20520933	12019775	121.354	81.450 #
18)	L4 AR-1242-3	4.652	3.961	10433783	8394277	98.856	105.515
19)	L4 AR-1242-4	4.742	4.047	5822429	13242518	68.622	174.506 #
20)	L4 AR-1242-5	5.465	4.545	18916361	28315102	213.933	281.479 #
21)	L5 AR-1248-1	4.573	3.783	10375413	7971564	124.621	102.234
22)	L5 AR-1248-2	4.842	4.009	10610385	10950699	87.421	92.378
23)	L5 AR-1248-3	5.033	4.047	22639158	13242518	156.355	117.541
24)	L5 AR-1248-4	5.430	4.206	12439859	19220926	80.271	139.628 #
25)	L5 AR-1248-5	5.465	4.582	18916361	21908136	123.712	163.167 #
26)	L6 AR-1254-1	5.402	4.545	22502643	28315102	143.375	145.681
27)	L6 AR-1254-2	5.615	4.692	27069528	25296759	114.143	145.213 #
28)	L6 AR-1254-3	5.980	5.075	34836785	22863770	140.504	85.418 #
29)	L6 AR-1254-4	6.262	5.302	10343986	15679402	57.079	89.377 #
30)	L6 AR-1254-5	6.677	5.710	24087715	32110309	120.765	125.952
31)	L7 AR-1260-1	6.142	5.205	11222530	35303617	54.817	178.486 #
32)	L7 AR-1260-2	6.394	5.395	65895660	25955353	272.789	108.721 #
33)	L7 AR-1260-3	6.760	5.537	8239260	19300377	51.191	85.447 #
34)	L7 AR-1260-4	6.977	6.001	10491094	7606540	56.865	44.208
35)	L7 AR-1260-5	7.291	6.248	19889502	15444380	55.965	38.701 #
36)	L8 AR-1262-1	6.760	5.803	8239260	4852985	31.527	44.328 #
37)	L8 AR-1262-2	7.291	6.001	19889502	7606540	46.761	30.793 #
38)	L8 AR-1262-3	7.571	6.528	11416127	5132325	39.843	25.333 #
39)	L8 AR-1262-4	7.642	6.585	7695355	13556544	33.537	36.380
40)	L8 AR-1262-5	8.151	7.083	4530898	4869990	31.808	26.935
41)	L9 AR-1268-1	7.571	6.528	11416127	5132325	23.086	8.945 #

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 ALS Vial : 14 Sample Multiplier: 1

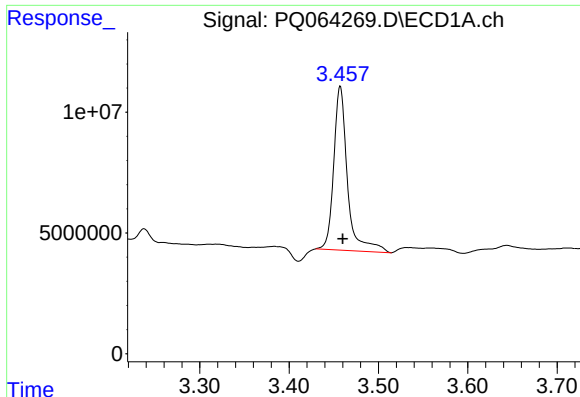
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 00:44:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.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	7.642	6.585	7695355	13556544	17.184	26.115 #
43) L9	AR-1268-3	7.825	6.792	2543483	3375958	6.520	7.281
44) L9	AR-1268-4	8.151	7.083	4530898	4869990	28.982	24.933
45) L9	AR-1268-5	8.450	7.353	5039325	5271746	4.469	3.445

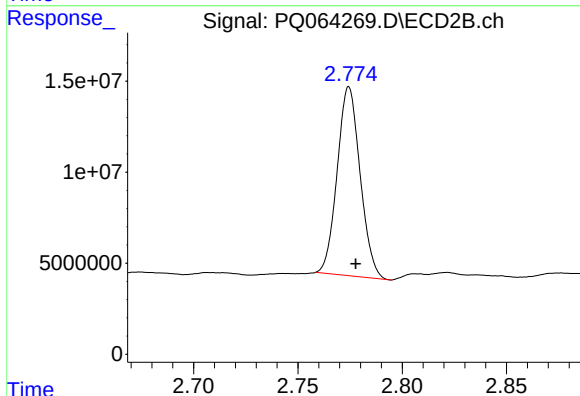
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

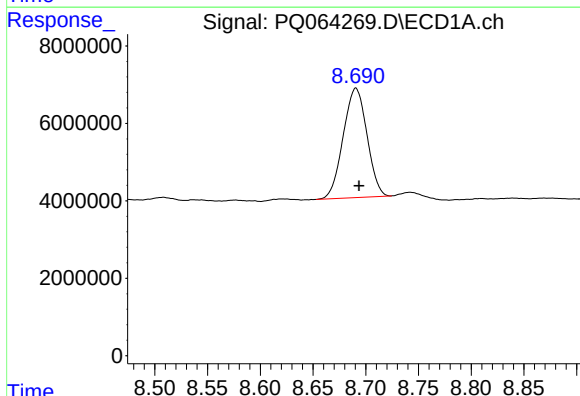
R.T.: 3.457 min
Delta R.T.: -0.003 min
Response: 72593902
Conc: 17.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



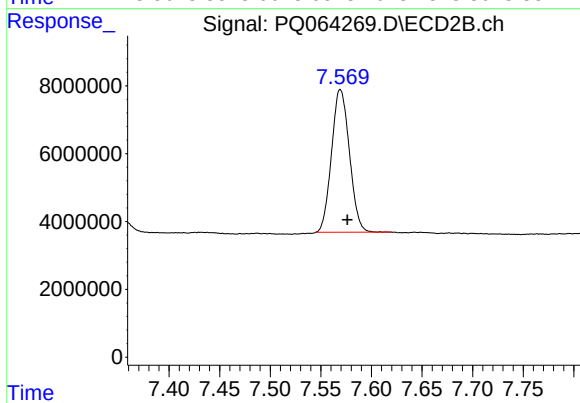
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 79356046
Conc: 21.58 ng/ml



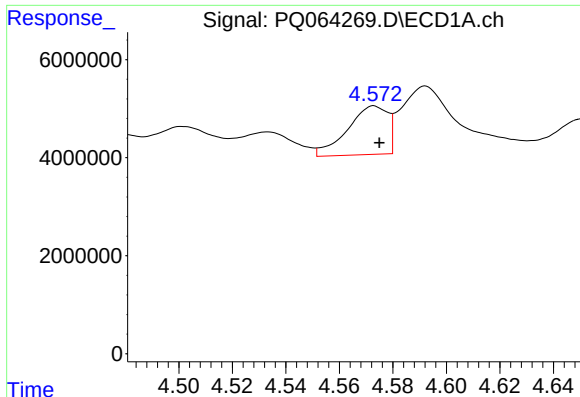
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 44258425
Conc: 13.71 ng/ml



#2 Decachlorobiphenyl

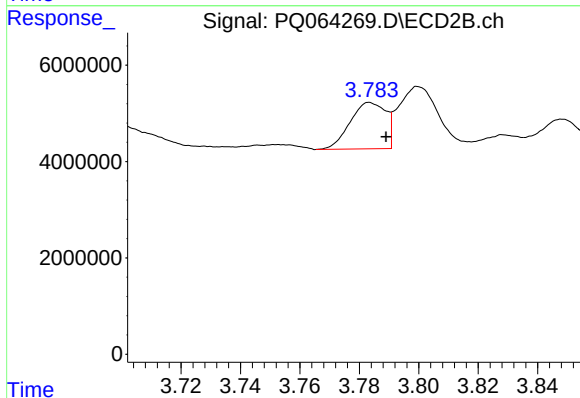
R.T.: 7.569 min
Delta R.T.: -0.007 min
Response: 51822285
Conc: 11.06 ng/ml



#3 AR-1016-1

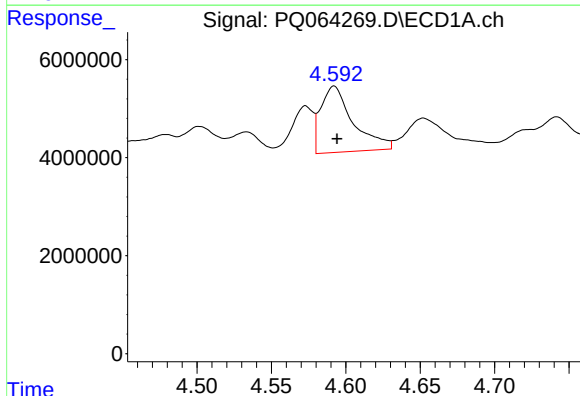
R.T.: 4.573 min
Delta R.T.: -0.002 min
Response: 10375413
Conc: 75.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



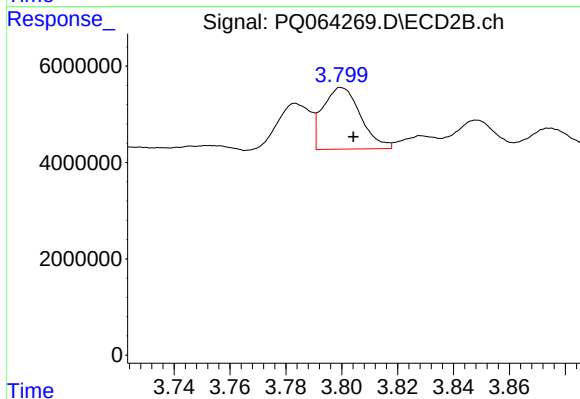
#3 AR-1016-1

R.T.: 3.783 min
Delta R.T.: -0.006 min
Response: 7971564
Conc: 63.28 ng/ml



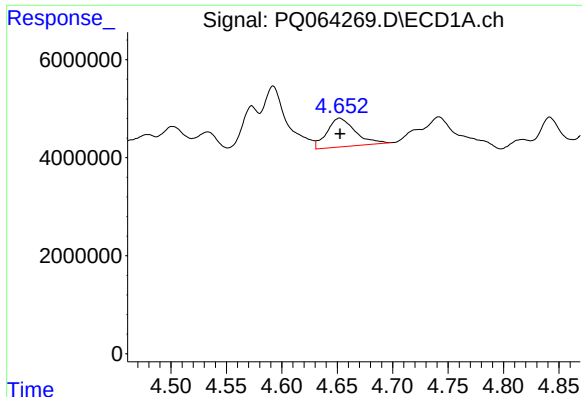
#4 AR-1016-2

R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 20520933
Conc: 97.16 ng/ml



#4 AR-1016-2

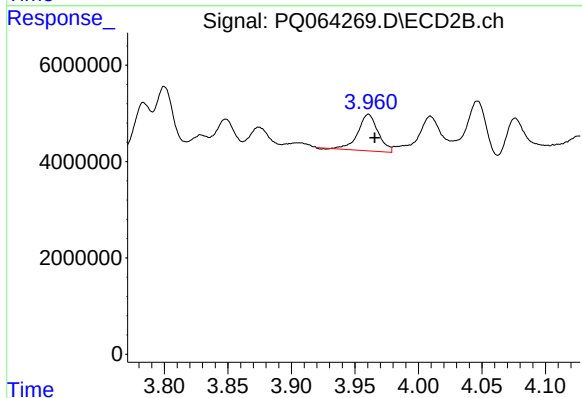
R.T.: 3.800 min
Delta R.T.: -0.004 min
Response: 12019775
Conc: 66.34 ng/ml



#5 AR-1016-3

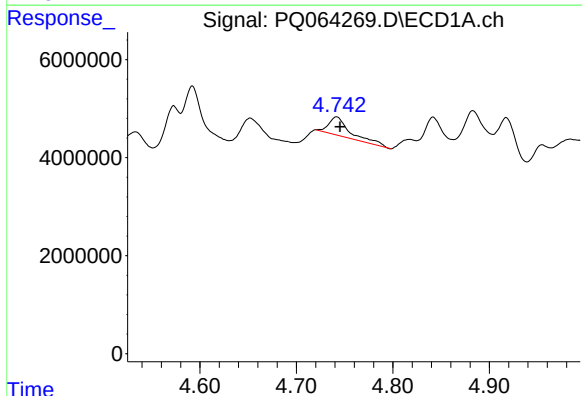
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 10433783
Conc: 78.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



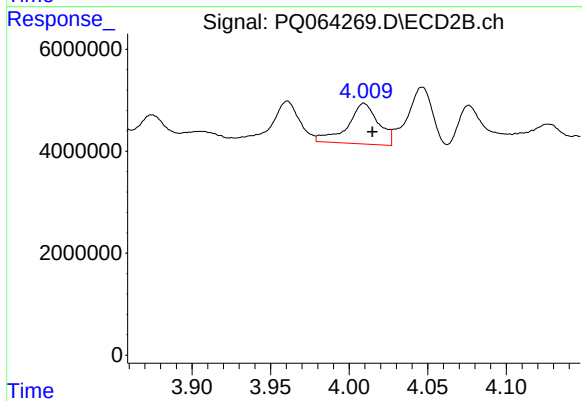
#5 AR-1016-3

R.T.: 3.961 min
Delta R.T.: -0.005 min
Response: 8394277
Conc: 86.14 ng/ml



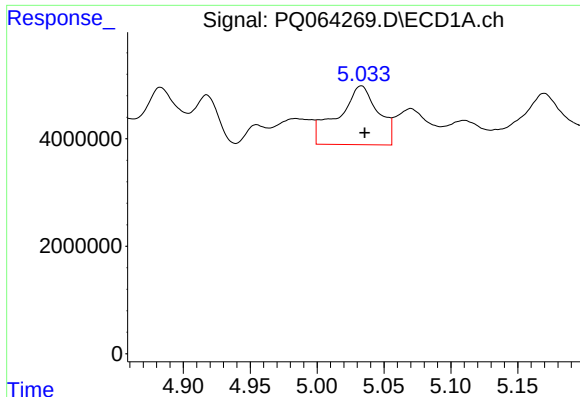
#6 AR-1016-4

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 5822429
Conc: 55.38 ng/ml



#6 AR-1016-4

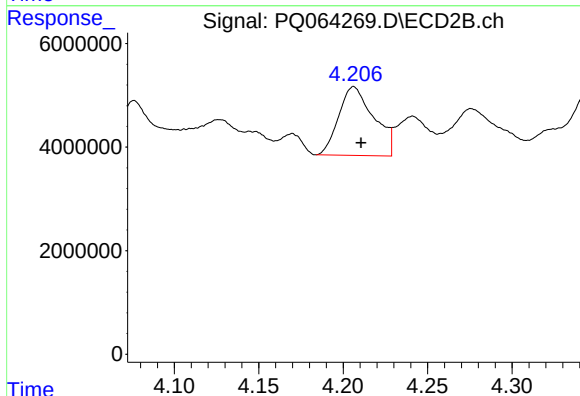
R.T.: 4.009 min
Delta R.T.: -0.005 min
Response: 10950699
Conc: 129.80 ng/ml



#7 AR-1016-5

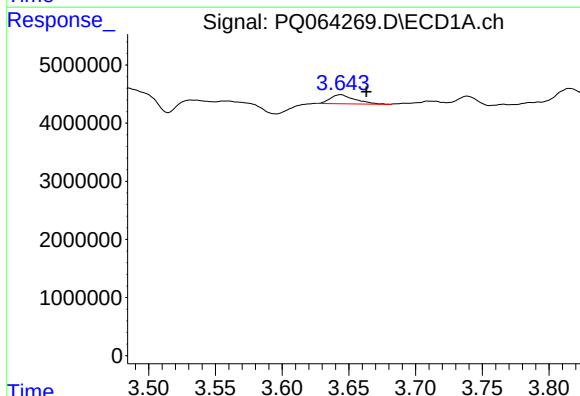
R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 22639158
Conc: 213.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



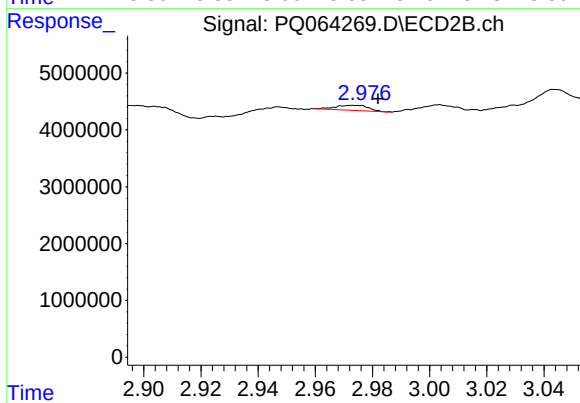
#7 AR-1016-5

R.T.: 4.206 min
Delta R.T.: -0.004 min
Response: 19220926
Conc: 192.19 ng/ml



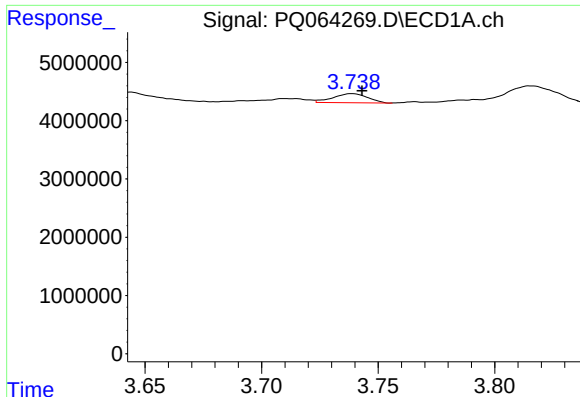
#8 AR-1221-1

R.T.: 3.644 min
Delta R.T.: -0.019 min
Response: 1961371
Conc: 36.25 ng/ml



#8 AR-1221-1

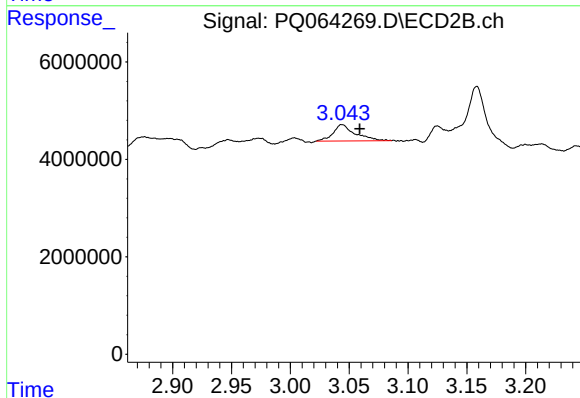
R.T.: 2.973 min
Delta R.T.: -0.009 min
Response: 700519
Conc: 13.59 ng/ml



#9 AR-1221-2

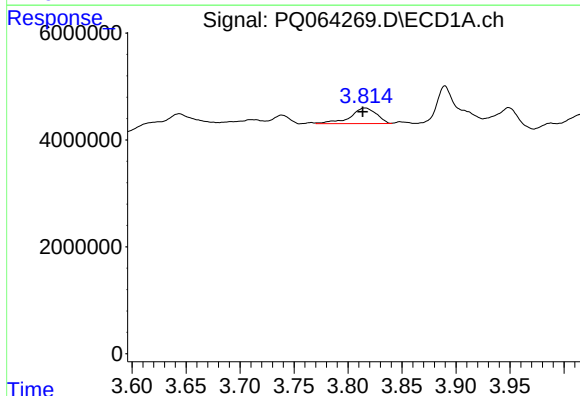
R.T.: 3.739 min
Delta R.T.: -0.004 min
Response: 1619519
Conc: 44.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



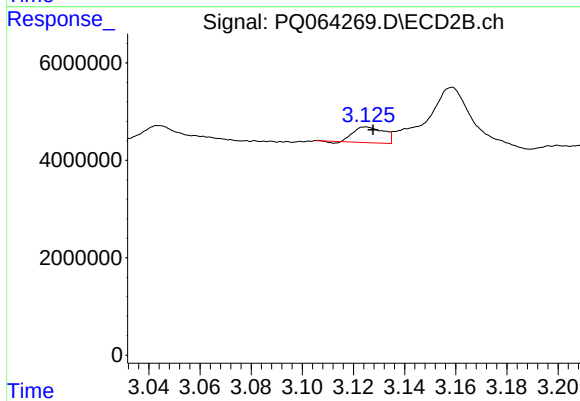
#9 AR-1221-2

R.T.: 3.044 min
Delta R.T.: -0.015 min
Response: 4395385
Conc: 126.06 ng/ml



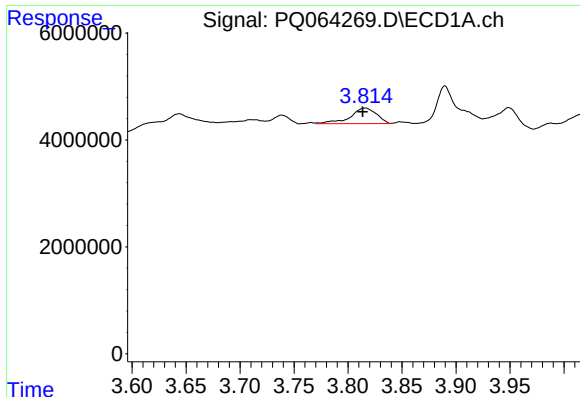
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.002 min
Response: 4926858
Conc: 41.49 ng/ml



#10 AR-1221-3

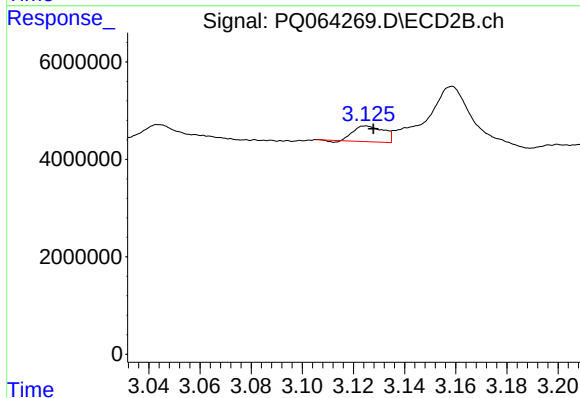
R.T.: 3.125 min
Delta R.T.: -0.003 min
Response: 2621361
Conc: 23.77 ng/ml



#11 AR-1232-1

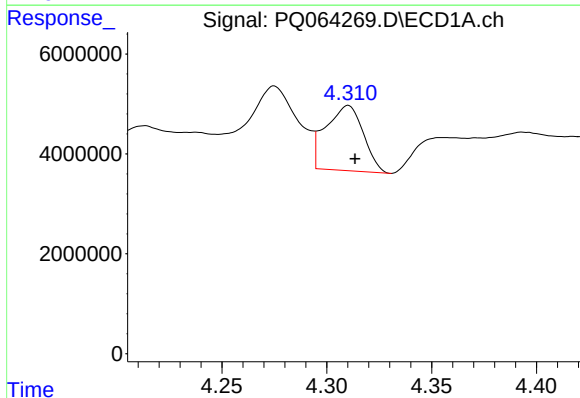
R.T.: 3.816 min
Delta R.T.: 0.002 min
Response: 4926858
Conc: 52.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



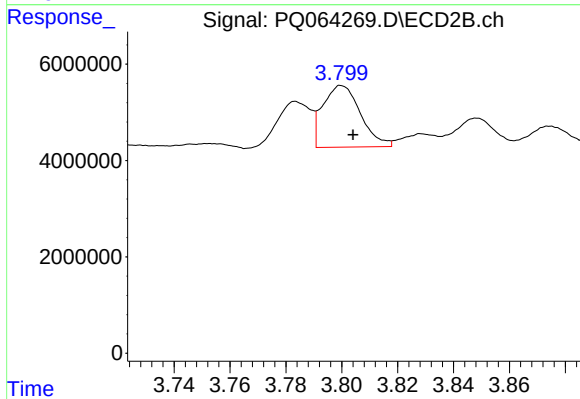
#11 AR-1232-1

R.T.: 3.125 min
Delta R.T.: -0.003 min
Response: 2621361
Conc: 30.27 ng/ml



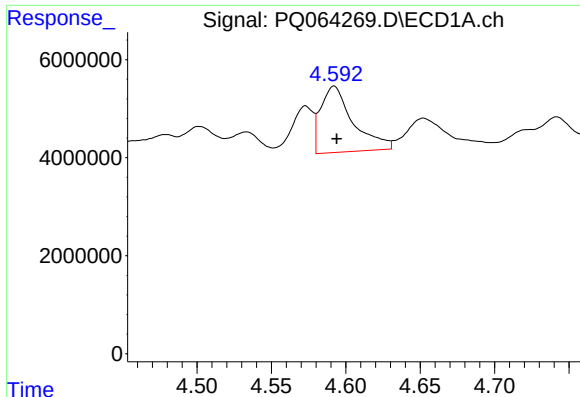
#12 AR-1232-2

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 16194096
Conc: 308.36 ng/ml



#12 AR-1232-2

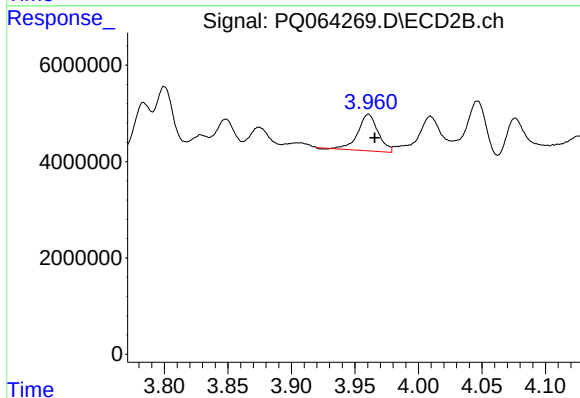
R.T.: 3.800 min
Delta R.T.: -0.004 min
Response: 12019775
Conc: 151.11 ng/ml



#13 AR-1232-3

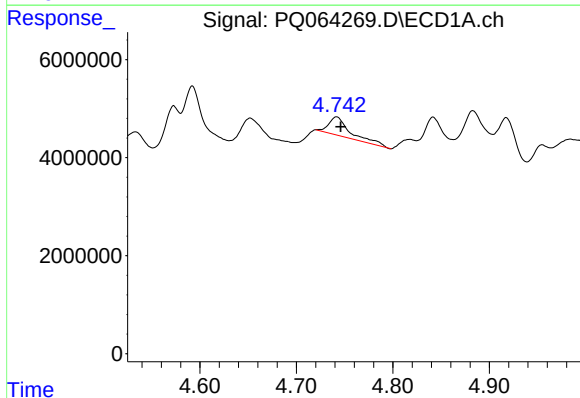
R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 20520933
Conc: 228.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



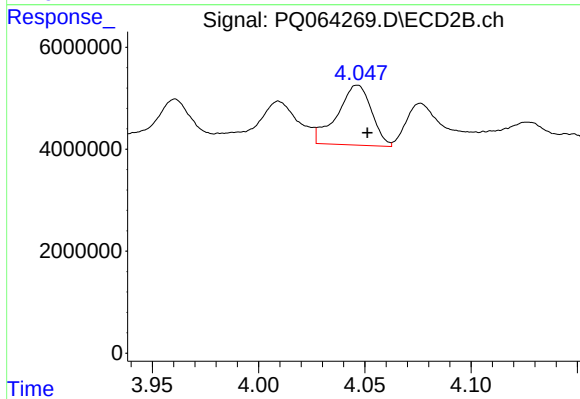
#13 AR-1232-3

R.T.: 3.961 min
Delta R.T.: -0.005 min
Response: 8394277
Conc: 202.76 ng/ml



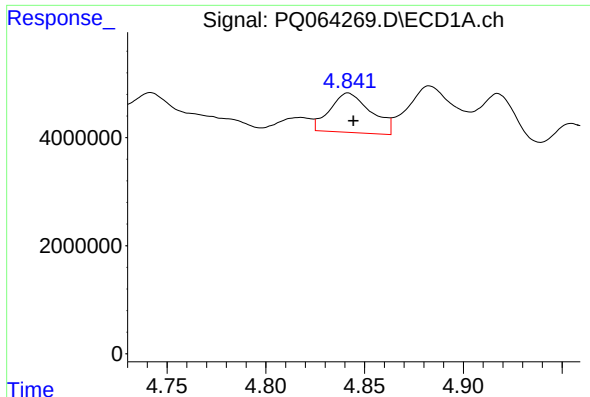
#14 AR-1232-4

R.T.: 4.742 min
Delta R.T.: -0.004 min
Response: 5822429
Conc: 133.16 ng/ml



#14 AR-1232-4

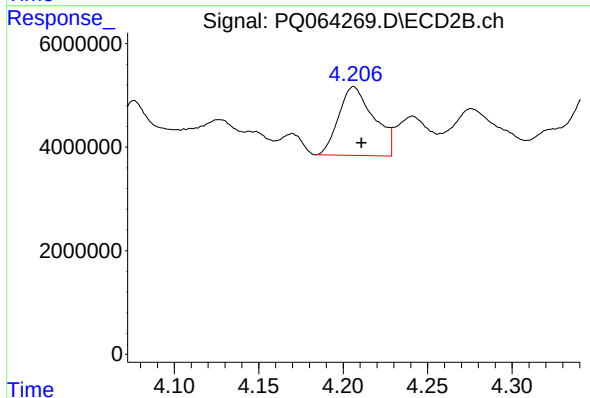
R.T.: 4.047 min
Delta R.T.: -0.005 min
Response: 13242518
Conc: 364.64 ng/ml



#15 AR-1232-5

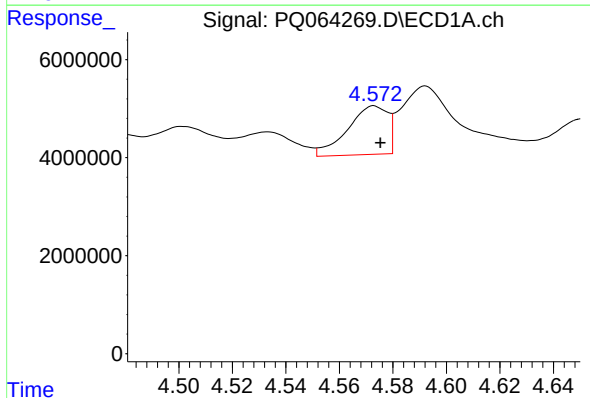
R.T.: 4.842 min
Delta R.T.: -0.003 min
Response: 10610385
Conc: 317.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



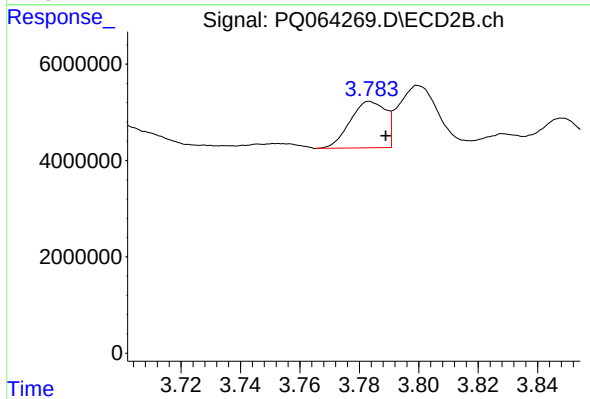
#15 AR-1232-5

R.T.: 4.206 min
Delta R.T.: -0.004 min
Response: 19220926
Conc: 457.45 ng/ml



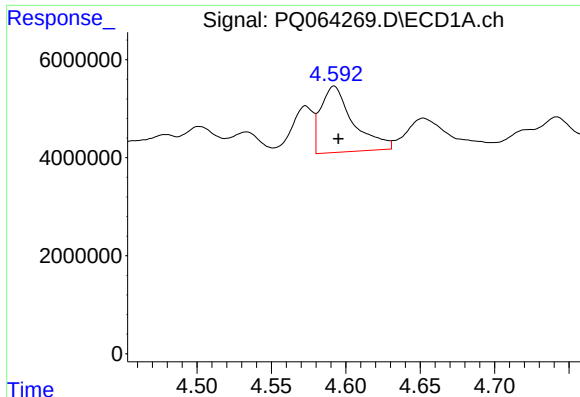
#16 AR-1242-1

R.T.: 4.573 min
Delta R.T.: -0.002 min
Response: 10375413
Conc: 92.08 ng/ml



#16 AR-1242-1

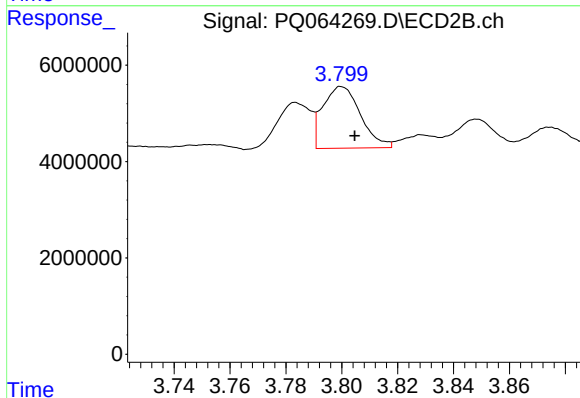
R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 7971564
Conc: 77.49 ng/ml



#17 AR-1242-2

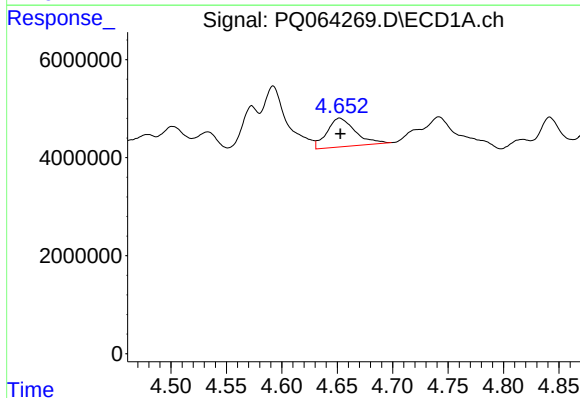
R.T.: 4.592 min
Delta R.T.: -0.003 min
Response: 20520933
Conc: 121.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



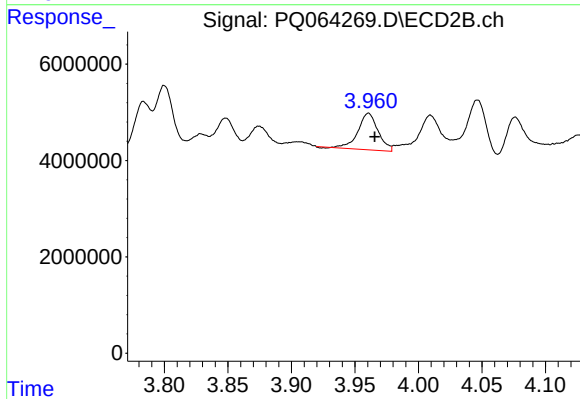
#17 AR-1242-2

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 12019775
Conc: 81.45 ng/ml



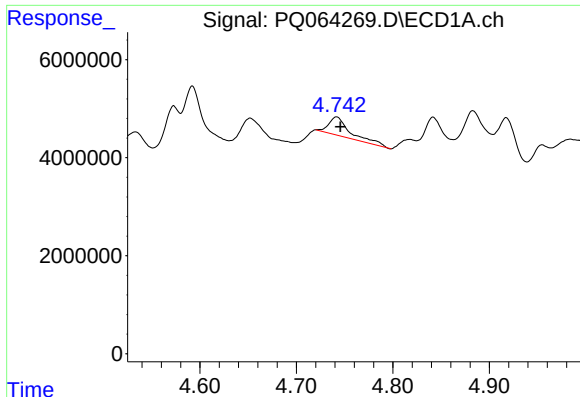
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 10433783
Conc: 98.86 ng/ml



#18 AR-1242-3

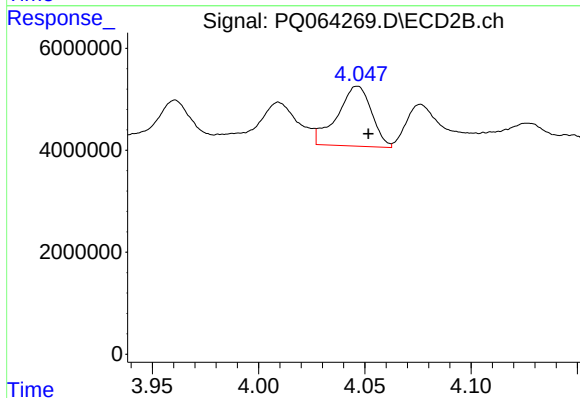
R.T.: 3.961 min
Delta R.T.: -0.005 min
Response: 8394277
Conc: 105.51 ng/ml



#19 AR-1242-4

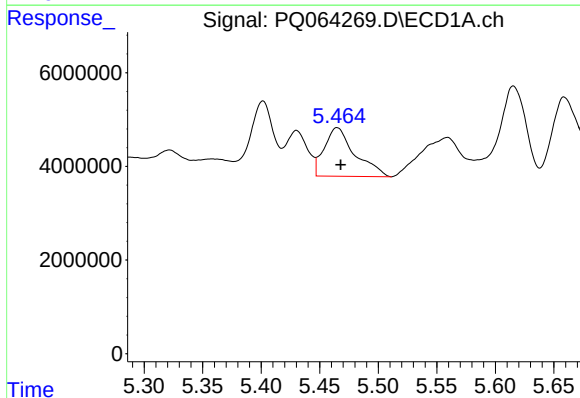
R.T.: 4.742 min
Delta R.T.: -0.004 min
Response: 5822429
Conc: 68.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



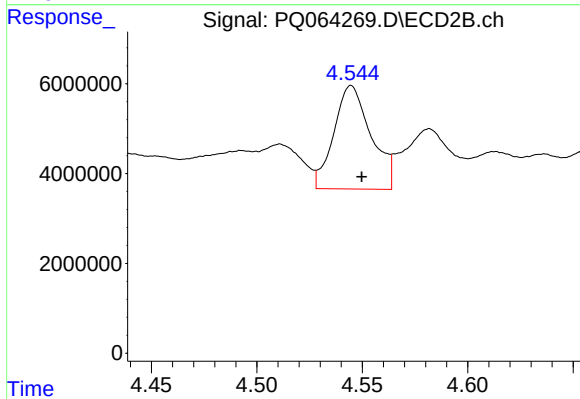
#19 AR-1242-4

R.T.: 4.047 min
Delta R.T.: -0.005 min
Response: 13242518
Conc: 174.51 ng/ml



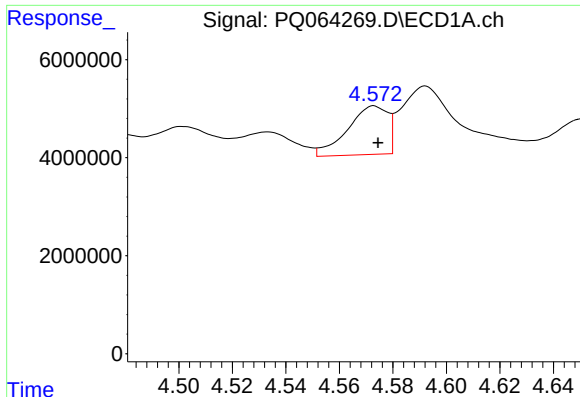
#20 AR-1242-5

R.T.: 5.465 min
Delta R.T.: -0.003 min
Response: 18916361
Conc: 213.93 ng/ml



#20 AR-1242-5

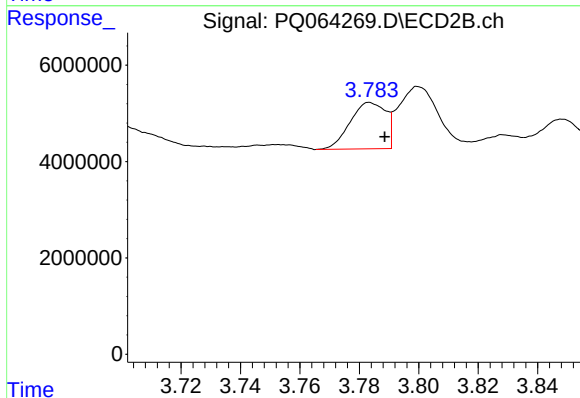
R.T.: 4.545 min
Delta R.T.: -0.005 min
Response: 28315102
Conc: 281.48 ng/ml



#21 AR-1248-1

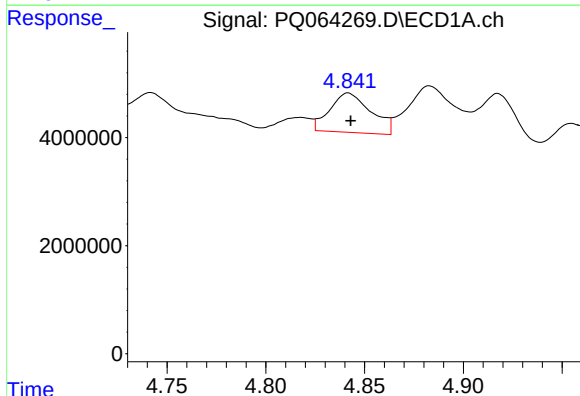
R.T.: 4.573 min
Delta R.T.: -0.002 min
Response: 10375413
Conc: 124.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



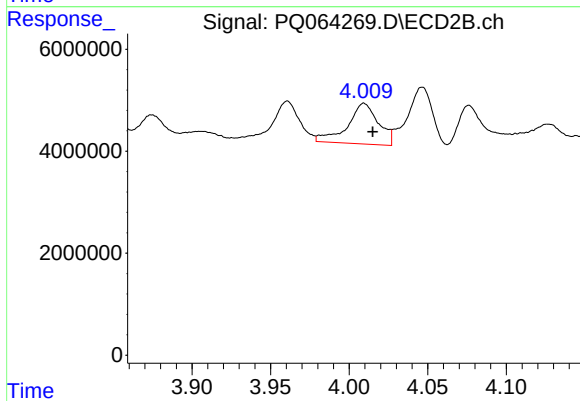
#21 AR-1248-1

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 7971564
Conc: 102.23 ng/ml



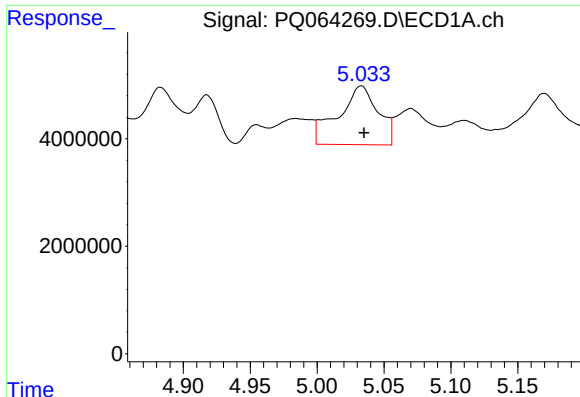
#22 AR-1248-2

R.T.: 4.842 min
Delta R.T.: -0.001 min
Response: 10610385
Conc: 87.42 ng/ml



#22 AR-1248-2

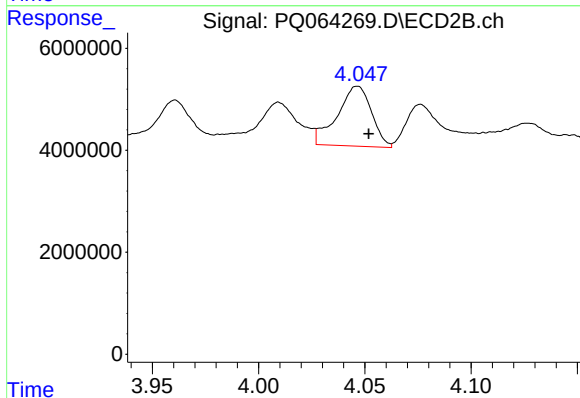
R.T.: 4.009 min
Delta R.T.: -0.006 min
Response: 10950699
Conc: 92.38 ng/ml



#23 AR-1248-3

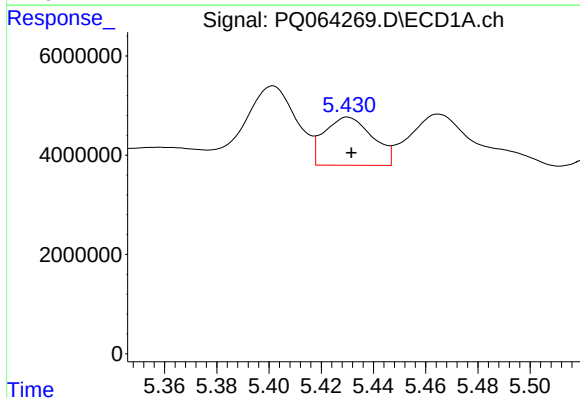
R.T.: 5.033 min
Delta R.T.: -0.002 min
Response: 22639158
Conc: 156.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



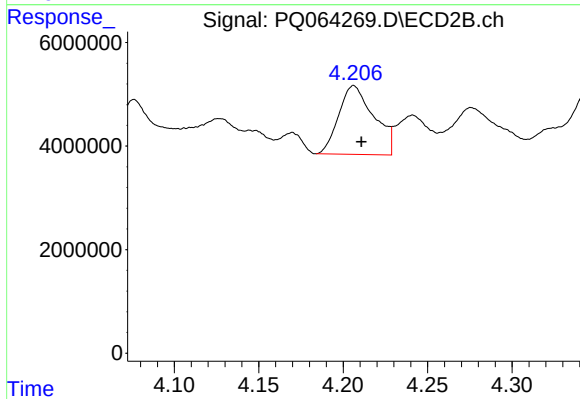
#23 AR-1248-3

R.T.: 4.047 min
Delta R.T.: -0.005 min
Response: 13242518
Conc: 117.54 ng/ml



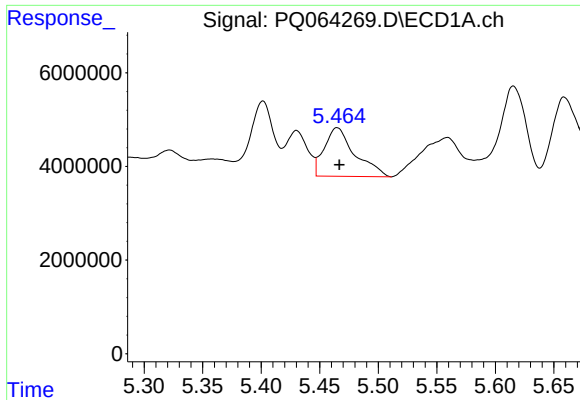
#24 AR-1248-4

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 12439859
Conc: 80.27 ng/ml



#24 AR-1248-4

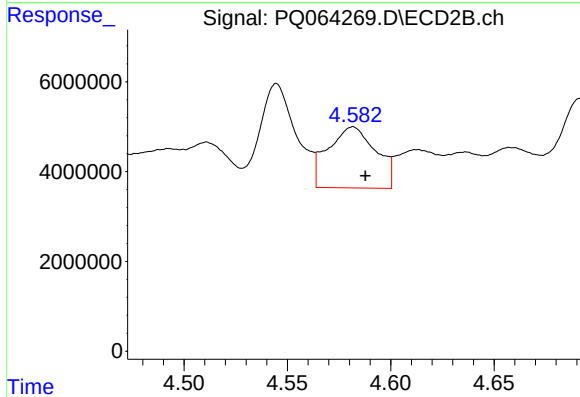
R.T.: 4.206 min
Delta R.T.: -0.005 min
Response: 19220926
Conc: 139.63 ng/ml



#25 AR-1248-5

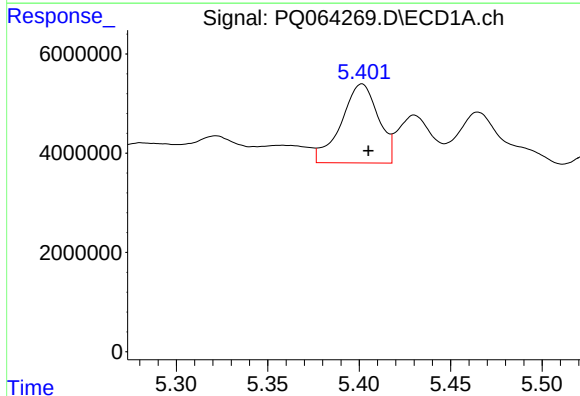
R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 18916361
Conc: 123.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



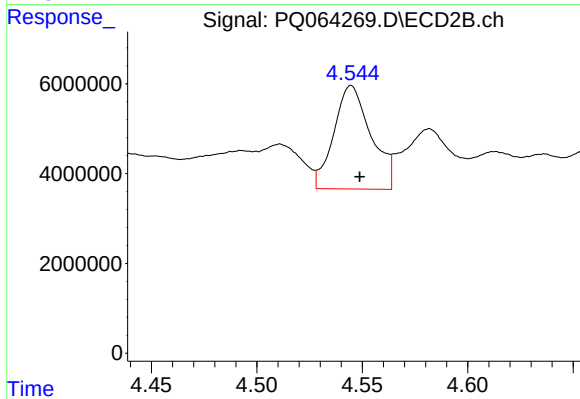
#25 AR-1248-5

R.T.: 4.582 min
Delta R.T.: -0.006 min
Response: 21908136
Conc: 163.17 ng/ml



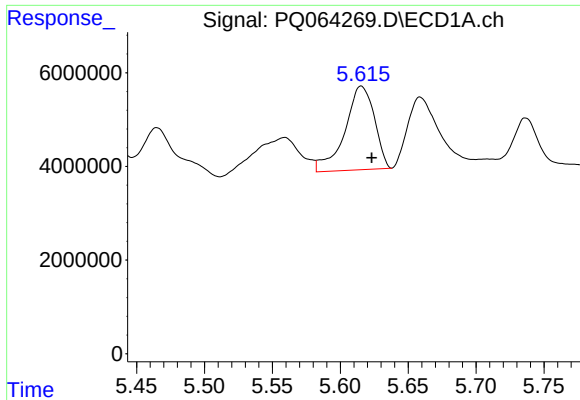
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 22502643
Conc: 143.37 ng/ml



#26 AR-1254-1

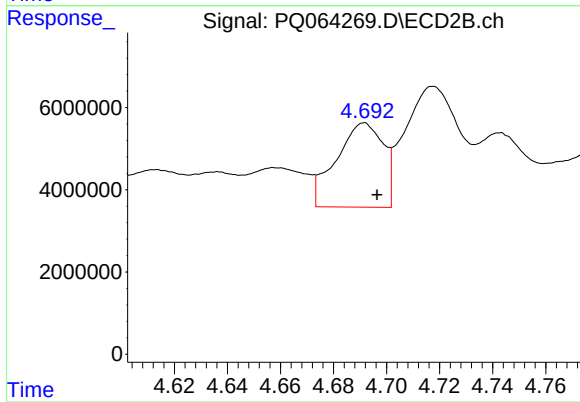
R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 28315102
Conc: 145.68 ng/ml



#27 AR-1254-2

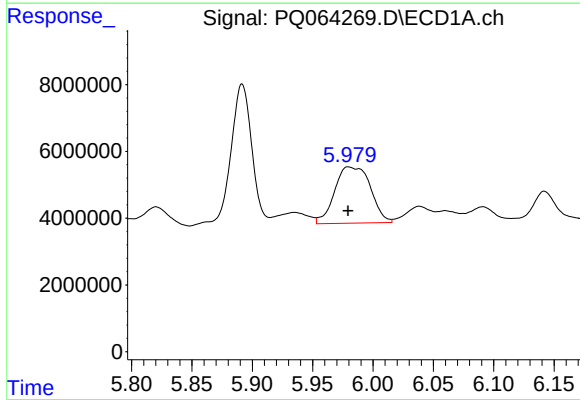
R.T.: 5.615 min
Delta R.T.: -0.008 min
Response: 27069528
Conc: 114.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



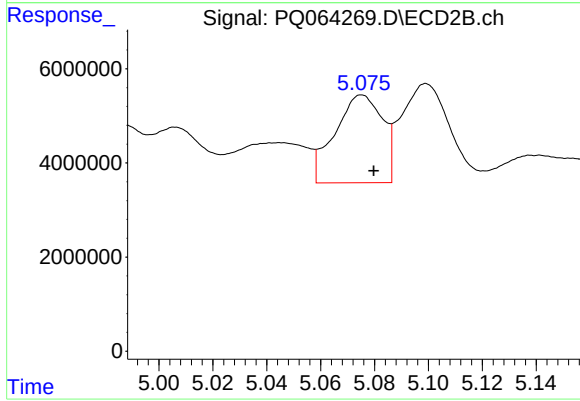
#27 AR-1254-2

R.T.: 4.692 min
Delta R.T.: -0.005 min
Response: 25296759
Conc: 145.21 ng/ml



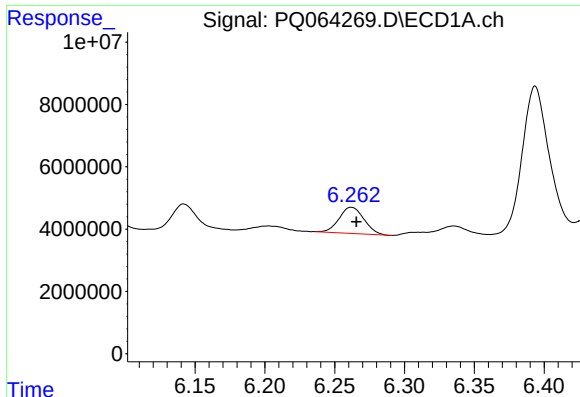
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 34836785
Conc: 140.50 ng/ml



#28 AR-1254-3

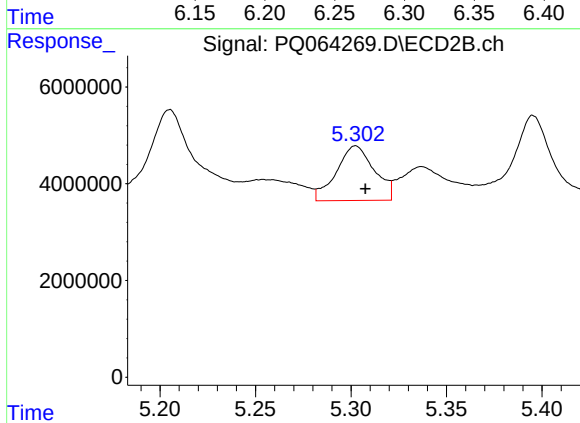
R.T.: 5.075 min
Delta R.T.: -0.004 min
Response: 22863770
Conc: 85.42 ng/ml



#29 AR-1254-4

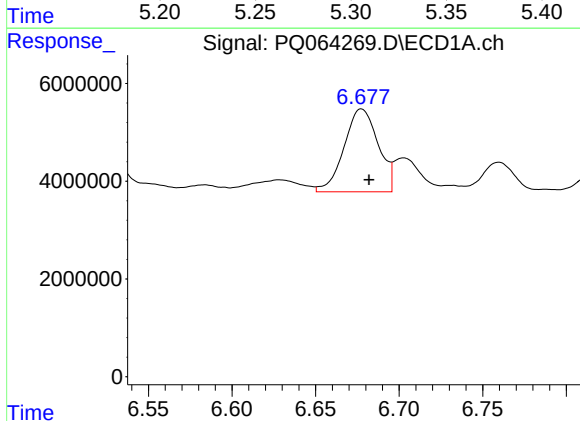
R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 10343986
Conc: 57.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



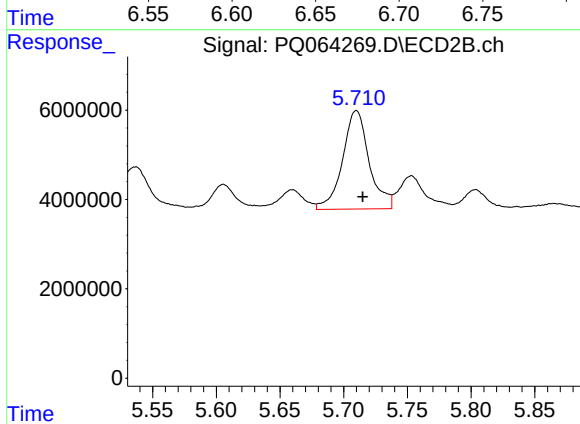
#29 AR-1254-4

R.T.: 5.302 min
Delta R.T.: -0.005 min
Response: 15679402
Conc: 89.38 ng/ml



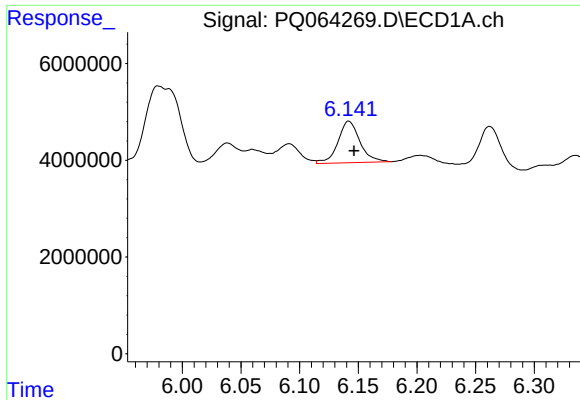
#30 AR-1254-5

R.T.: 6.677 min
Delta R.T.: -0.005 min
Response: 24087715
Conc: 120.76 ng/ml



#30 AR-1254-5

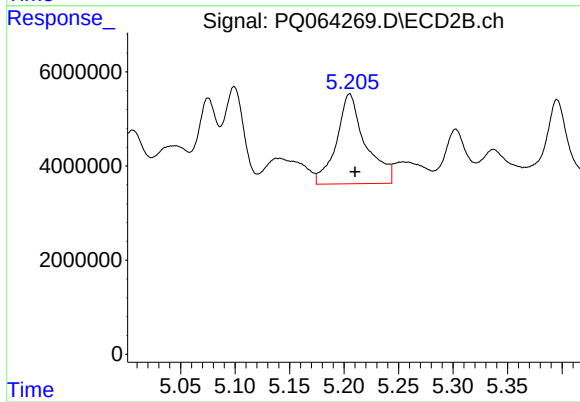
R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 32110309
Conc: 125.95 ng/ml



#31 AR-1260-1

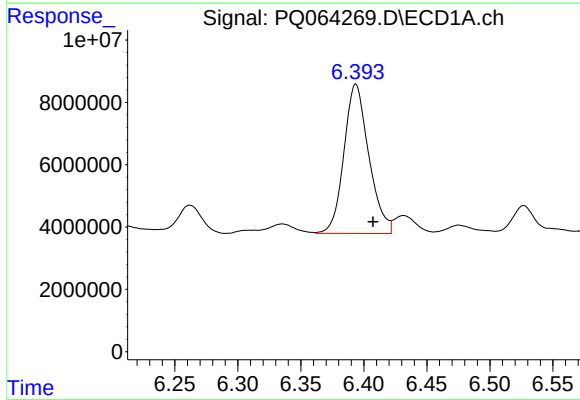
R.T.: 6.142 min
Delta R.T.: -0.004 min
Response: 11222530
Conc: 54.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



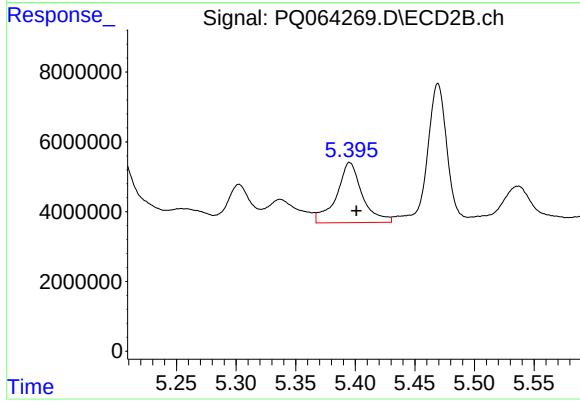
#31 AR-1260-1

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 35303617
Conc: 178.49 ng/ml



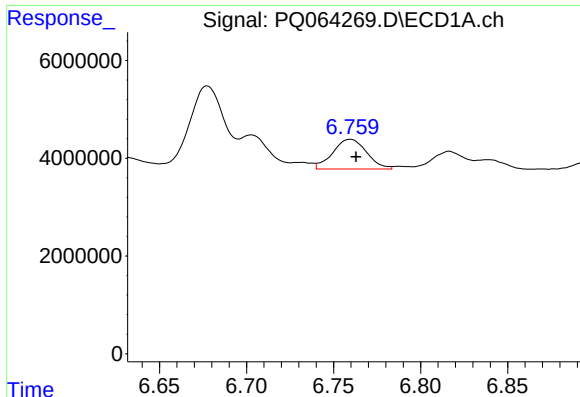
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: -0.014 min
Response: 65895660
Conc: 272.79 ng/ml



#32 AR-1260-2

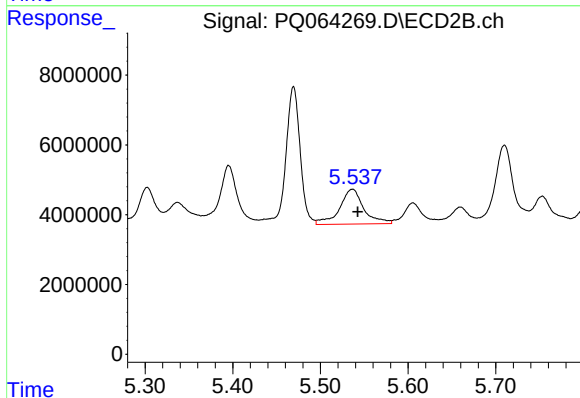
R.T.: 5.395 min
Delta R.T.: -0.005 min
Response: 25955353
Conc: 108.72 ng/ml



#33 AR-1260-3

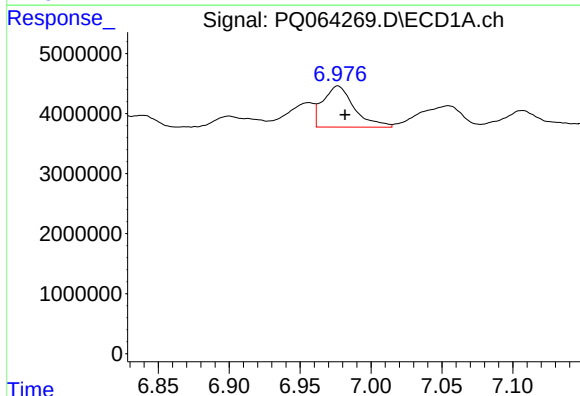
R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 8239260
Conc: 51.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



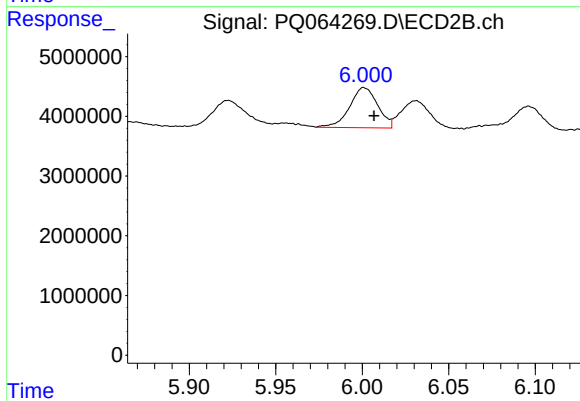
#33 AR-1260-3

R.T.: 5.537 min
Delta R.T.: -0.006 min
Response: 19300377
Conc: 85.45 ng/ml



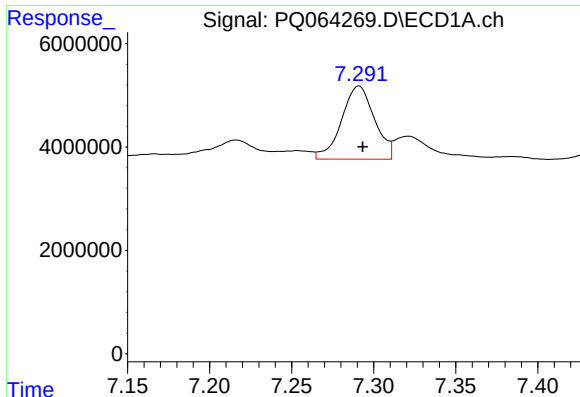
#34 AR-1260-4

R.T.: 6.977 min
Delta R.T.: -0.005 min
Response: 10491094
Conc: 56.87 ng/ml



#34 AR-1260-4

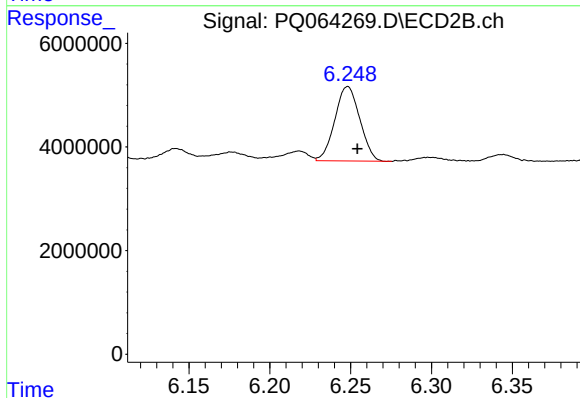
R.T.: 6.001 min
Delta R.T.: -0.006 min
Response: 7606540
Conc: 44.21 ng/ml



#35 AR-1260-5

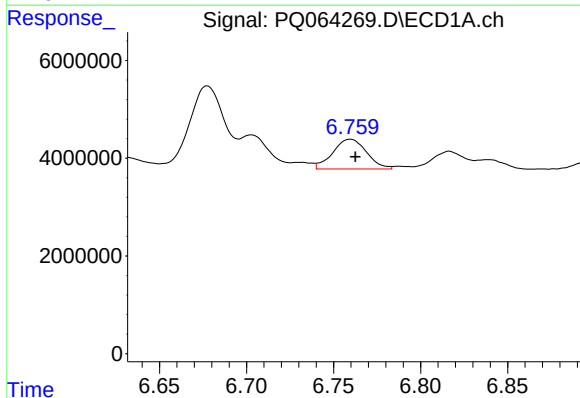
R.T.: 7.291 min
Delta R.T.: -0.002 min
Response: 19889502
Conc: 55.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



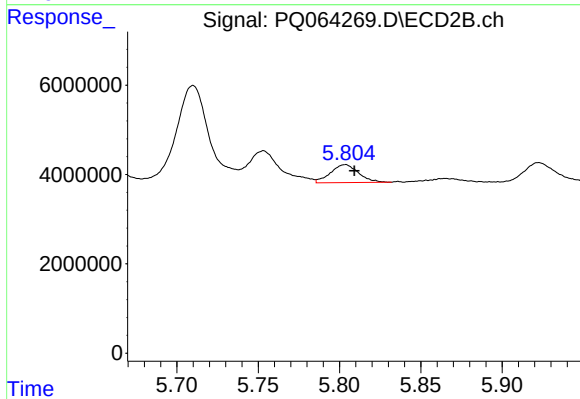
#35 AR-1260-5

R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 15444380
Conc: 38.70 ng/ml



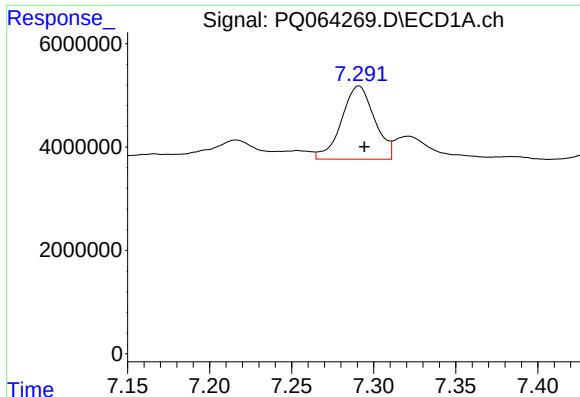
#36 AR-1262-1

R.T.: 6.760 min
Delta R.T.: -0.003 min
Response: 8239260
Conc: 31.53 ng/ml



#36 AR-1262-1

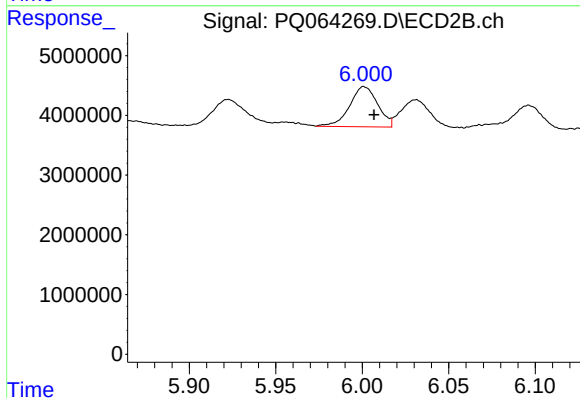
R.T.: 5.803 min
Delta R.T.: -0.006 min
Response: 4852985
Conc: 44.33 ng/ml



#37 AR-1262-2

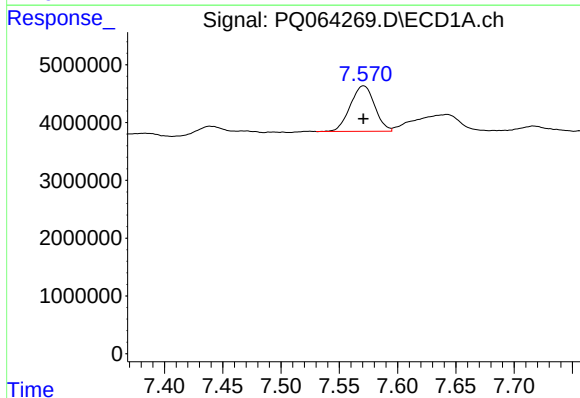
R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 19889502
Conc: 46.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



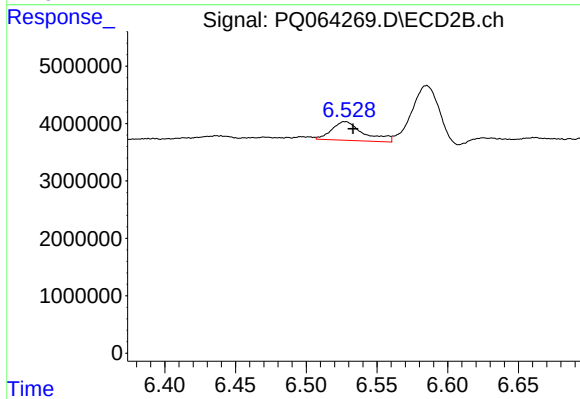
#37 AR-1262-2

R.T.: 6.001 min
Delta R.T.: -0.006 min
Response: 7606540
Conc: 30.79 ng/ml



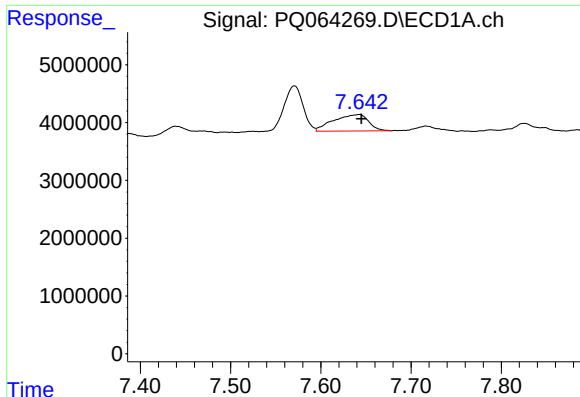
#38 AR-1262-3

R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 11416127
Conc: 39.84 ng/ml



#38 AR-1262-3

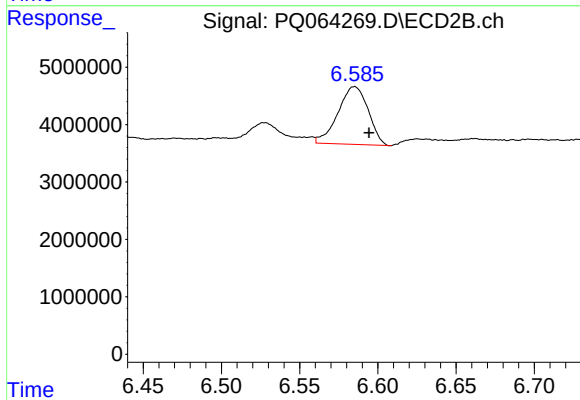
R.T.: 6.528 min
Delta R.T.: -0.006 min
Response: 5132325
Conc: 25.33 ng/ml



#39 AR-1262-4

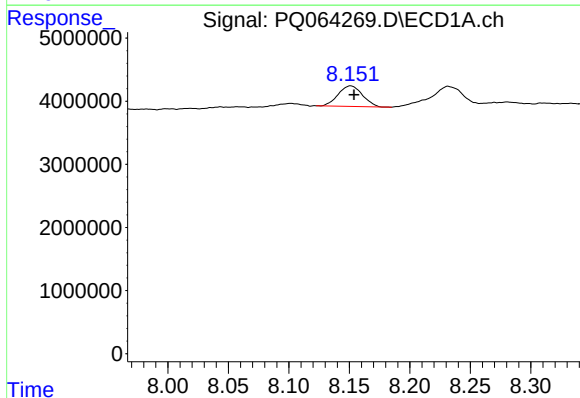
R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 7695355
Conc: 33.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



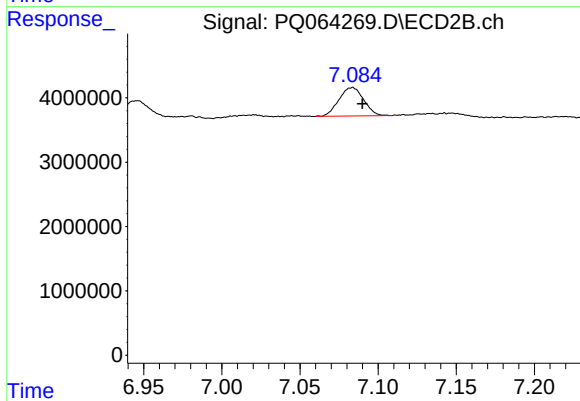
#39 AR-1262-4

R.T.: 6.585 min
Delta R.T.: -0.009 min
Response: 13556544
Conc: 36.38 ng/ml



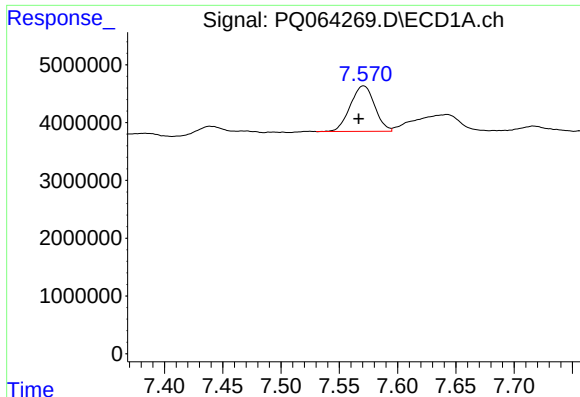
#40 AR-1262-5

R.T.: 8.151 min
Delta R.T.: -0.003 min
Response: 4530898
Conc: 31.81 ng/ml



#40 AR-1262-5

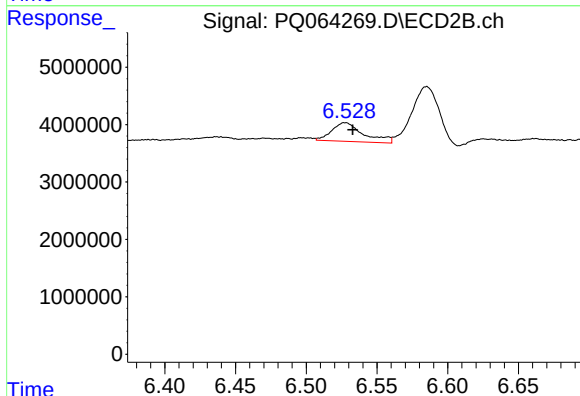
R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 4869990
Conc: 26.93 ng/ml



#41 AR-1268-1

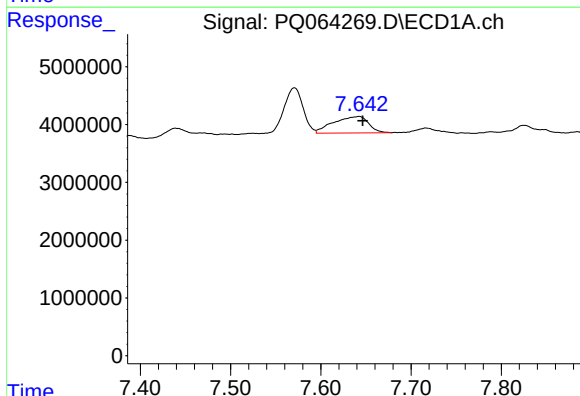
R.T.: 7.571 min
Delta R.T.: 0.004 min
Response: 11416127
Conc: 23.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



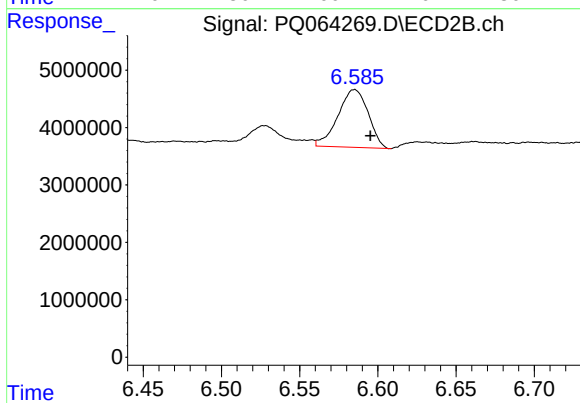
#41 AR-1268-1

R.T.: 6.528 min
Delta R.T.: -0.005 min
Response: 5132325
Conc: 8.94 ng/ml



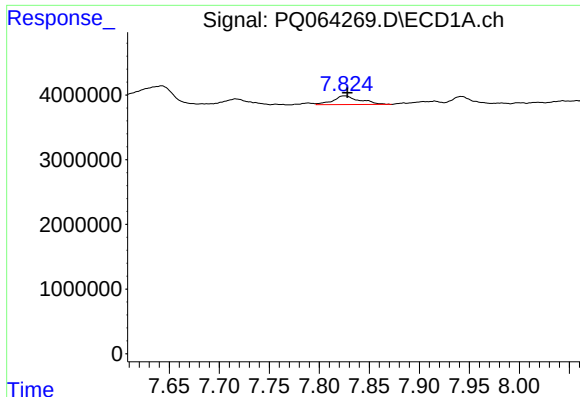
#42 AR-1268-2

R.T.: 7.642 min
Delta R.T.: -0.004 min
Response: 7695355
Conc: 17.18 ng/ml



#42 AR-1268-2

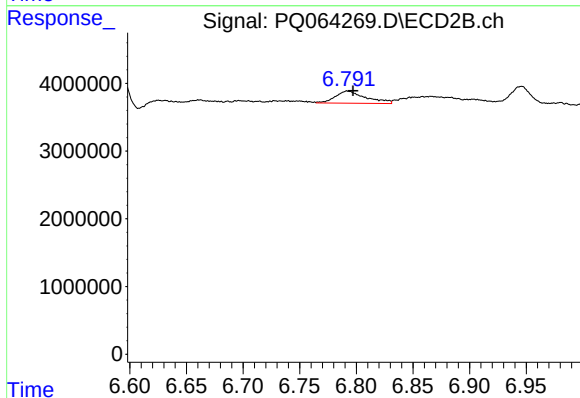
R.T.: 6.585 min
Delta R.T.: -0.010 min
Response: 13556544
Conc: 26.11 ng/ml



#43 AR-1268-3

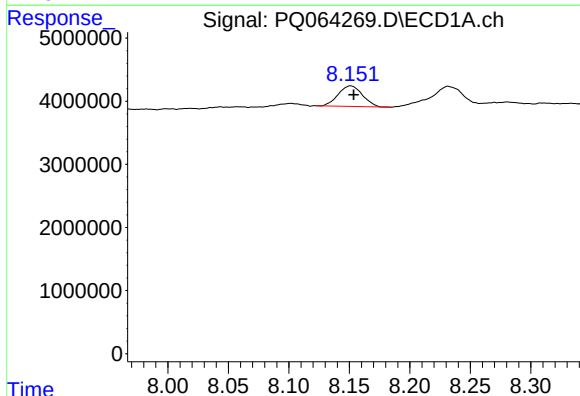
R.T.: 7.825 min
Delta R.T.: -0.003 min
Response: 2543483
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



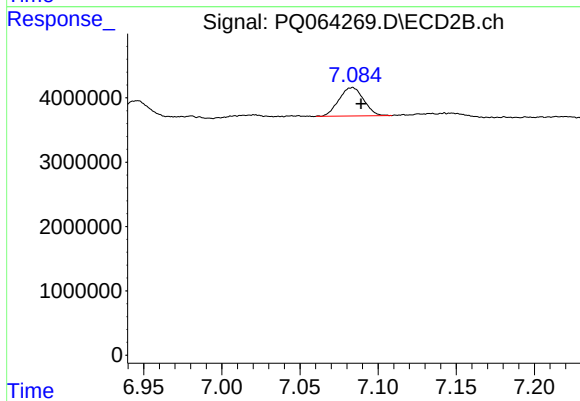
#43 AR-1268-3

R.T.: 6.792 min
Delta R.T.: -0.005 min
Response: 3375958
Conc: 7.28 ng/ml



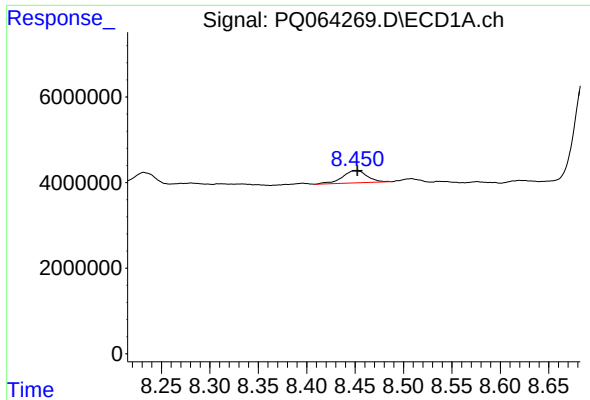
#44 AR-1268-4

R.T.: 8.151 min
Delta R.T.: -0.003 min
Response: 4530898
Conc: 28.98 ng/ml



#44 AR-1268-4

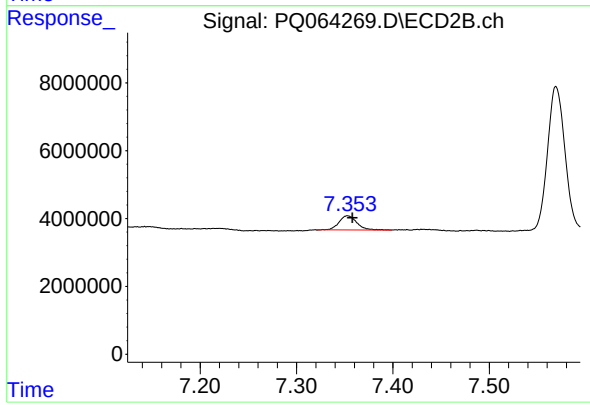
R.T.: 7.083 min
Delta R.T.: -0.006 min
Response: 4869990
Conc: 24.93 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 5039325
Conc: 4.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.353 min
Delta R.T.: -0.005 min
Response: 5271746
Conc: 3.44 ng/ml