

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112524\
 Data File : PQ069571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2024 10:01
 Operator : YP\AJ
 Sample : P4776-02
 Misc : MDL 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 23:39:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111824CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 20 07:44:43 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.337	2.737	168.1E6	266.5E6	23.175	24.634
2)	SA Decachlor...	8.474	7.477	110.1E6	288.5E6	40.461	43.001
Target Compounds							
3)	L1 AR-1016-1	4.427	3.729	5990014	10299728	26.839	28.314
4)	L1 AR-1016-2	4.446	3.744	8971130	15236349	26.651	28.365
5)	L1 AR-1016-3	4.503	3.903	5660940	7542250	27.415	26.106
6)	L1 AR-1016-4	4.594	3.952	4290857	6460807	25.061	27.550
7)	L1 AR-1016-5	4.879	4.144	4525735	7802259	27.097	26.221
8)	L2 AR-1221-1	3.524	3.004f	1012295	5106270	12.739	40.098 #
9)	L2 AR-1221-2	3.612	3.004	3101184	5106270	57.471	56.842
10)	L2 AR-1221-3	3.683	3.078	3582750	5467270	19.690	19.166
11)	L3 AR-1232-1	3.683	3.078	3582750	5467270	24.907	23.327
12)	L3 AR-1232-2	4.170	3.744	4585156	15236349	57.650	59.188
13)	L3 AR-1232-3	4.446	3.903	8971130	7542250	61.854	56.745
14)	L3 AR-1232-4	4.594	3.988	4290857	6950813	57.847	65.961
15)	L3 AR-1232-5	4.690	4.144	3528140	7802259	74.035	61.327
16)	L4 AR-1242-1	4.427	3.729	5990014	10299728	34.737	32.382
17)	L4 AR-1242-2	4.446	3.744	8971130	15236349	34.014	32.438
18)	L4 AR-1242-3	4.503	3.903	5660940	7542250	34.624	29.906
19)	L4 AR-1242-4	4.594	3.988	4290857	6950813	31.481	31.158
20)	L4 AR-1242-5	5.306	4.479	1729912	10038523	12.172	31.294 #
21)	L5 AR-1248-1	4.427	3.729	5990014	10299728	48.099	42.216
22)	L5 AR-1248-2	4.690	3.952	3528140	6460807	20.477	19.106
23)	L5 AR-1248-3	4.879	3.988	4525735	6950813	21.413	21.265
24)	L5 AR-1248-4	5.272	4.144	2420554	7802259	10.371	18.853 #
25)	L5 AR-1248-5	5.306	4.518	1729912	4279943	7.196	9.704 #
26)	L6 AR-1254-1	5.244	4.479	4614392	10038523	19.044	15.908
27)	L6 AR-1254-2	5.461	4.626	5325146	6570864	14.171	11.967
28)	L6 AR-1254-3	5.811	5.020	2717412	17408421	6.520	19.391 #
29)	L6 AR-1254-4	6.115	5.230	4389379	2081545	13.840	3.566 #
30)	L6 AR-1254-5	6.507	5.632	11792741	22905826	34.644	27.464
31)	L7 AR-1260-1	5.976	5.132	8100524	15158995	26.431	27.227
32)	L7 AR-1260-2	6.236	5.322	9340323	18532008	24.830	26.992
33)	L7 AR-1260-3	6.589	5.462	7326980	19452583	26.380	29.557
34)	L7 AR-1260-4	6.805	5.921	7693207	17119470	24.678	29.827
35)	L7 AR-1260-5	7.118	6.167	14946658	41379425	23.053	30.505 #
36)	L8 AR-1262-1	6.805	5.676	7693207	17397191	20.572	19.497
37)	L8 AR-1262-2	7.118	5.921	14946658	17119470	20.903	20.641
38)	L8 AR-1262-3	7.395	6.442	8812293	9243476	19.089	13.815 #
39)	L8 AR-1262-4	7.466	6.502	5477670	27623930	16.064	22.062 #
40)	L8 AR-1262-5	7.972	6.997	3483428	9875623	15.397	16.633
41)	L9 AR-1268-1	7.395	6.442	8812293	9243476	11.658	4.956 #

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 Operator : YP\AJ
 Sample : P4776-02
 Misc : MDL 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

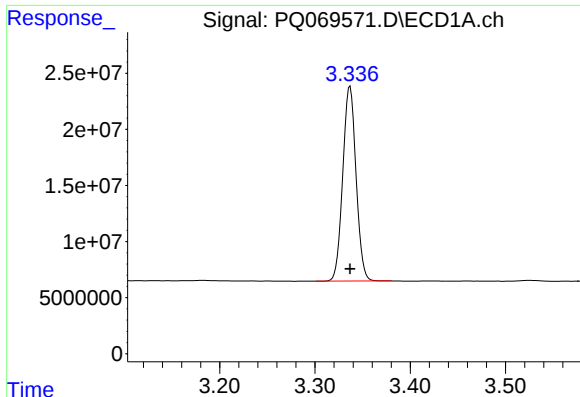
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 23:39:30 2024
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.466	6.502	5477670	27623930	7.965	15.653 #
43) L9	AR-1268-3	7.652	6.705	569369	1173819	1.003	0.777
44) L9	AR-1268-4	7.972	6.997	3483428	9875623	14.635	15.362
45) L9	AR-1268-5	8.255	7.263	1284538	5945492	0.717	1.232 #

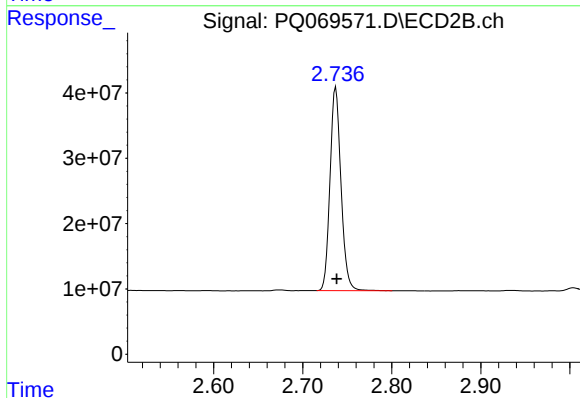
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

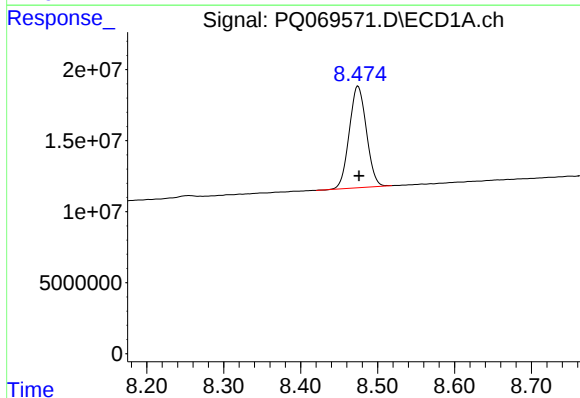
R.T.: 3.337 min
Delta R.T.: 0.000 min
Response: 168124285
Conc: 23.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



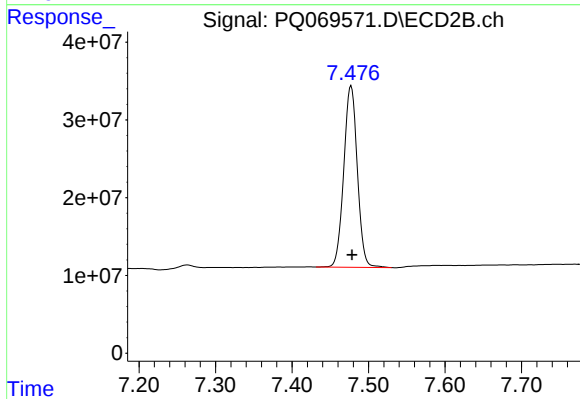
#1 Tetrachloro-m-xylene

R.T.: 2.737 min
Delta R.T.: -0.001 min
Response: 266511315
Conc: 24.63 ng/ml



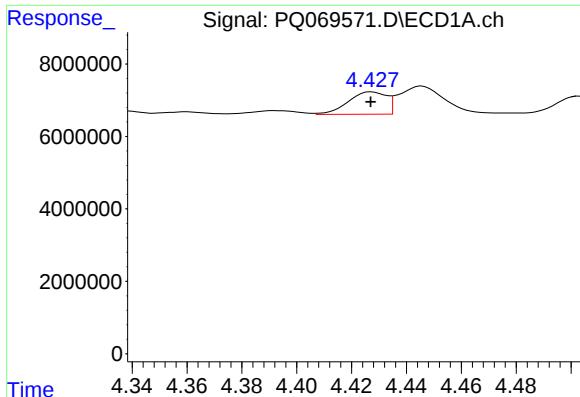
#2 Decachlorobiphenyl

R.T.: 8.474 min
Delta R.T.: -0.002 min
Response: 110081195
Conc: 40.46 ng/ml



#2 Decachlorobiphenyl

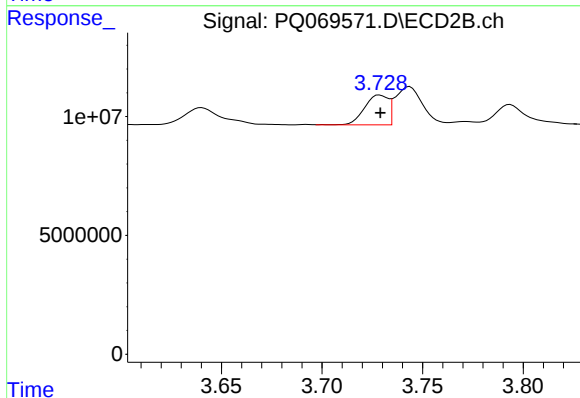
R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 288528875
Conc: 43.00 ng/ml



#3 AR-1016-1

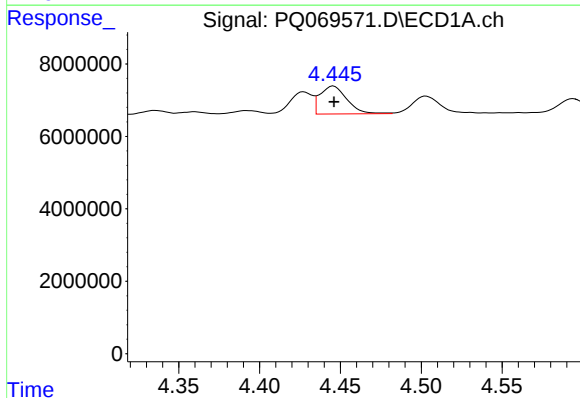
R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 5990014
Conc: 26.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



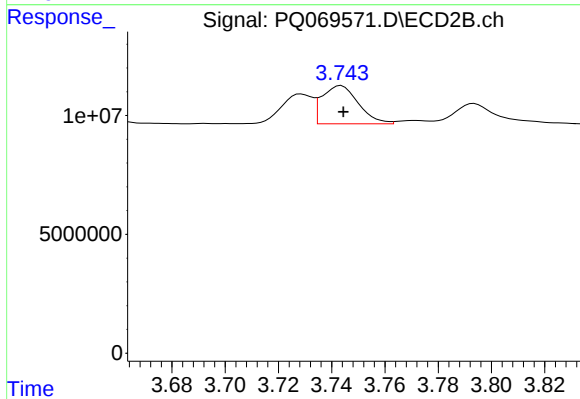
#3 AR-1016-1

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 10299728
Conc: 28.31 ng/ml



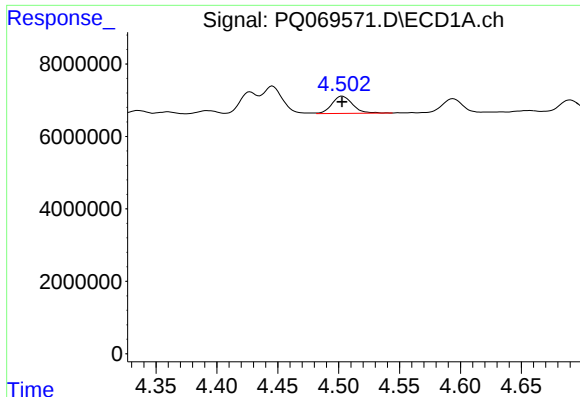
#4 AR-1016-2

R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 8971130
Conc: 26.65 ng/ml



#4 AR-1016-2

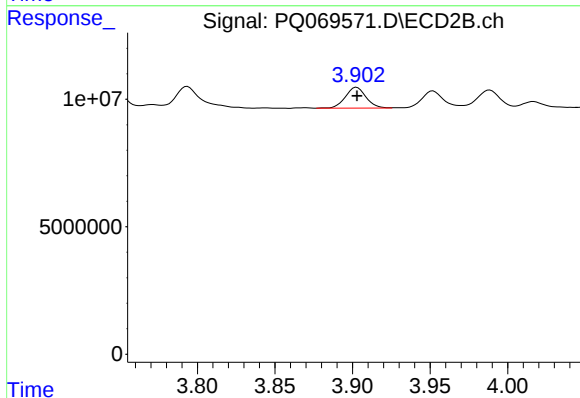
R.T.: 3.744 min
Delta R.T.: 0.000 min
Response: 15236349
Conc: 28.37 ng/ml



#5 AR-1016-3

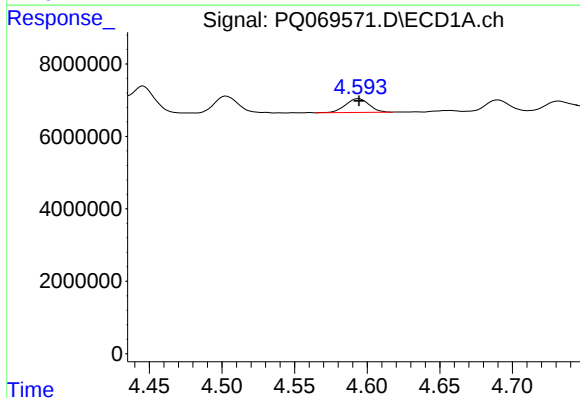
R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5660940
Conc: 27.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



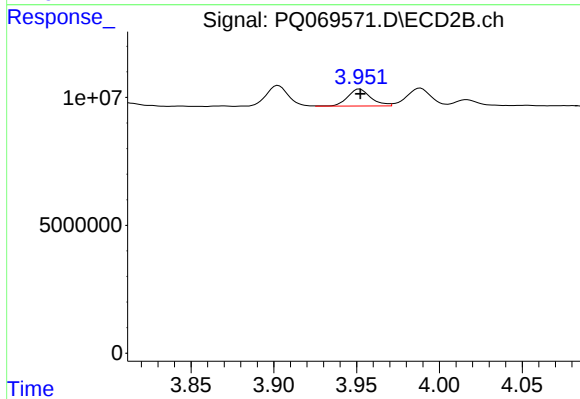
#5 AR-1016-3

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 7542250
Conc: 26.11 ng/ml



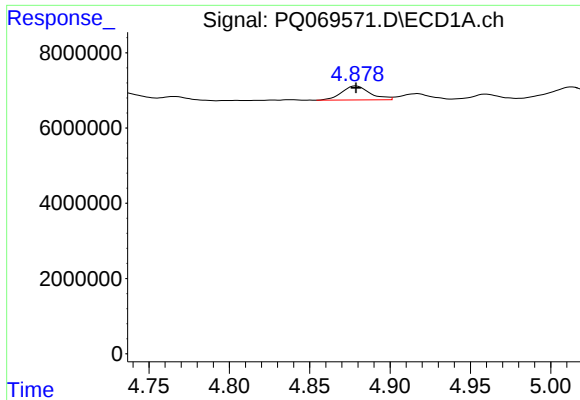
#6 AR-1016-4

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 4290857
Conc: 25.06 ng/ml



#6 AR-1016-4

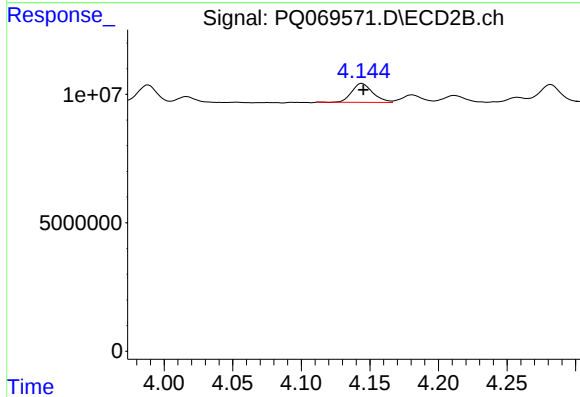
R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 6460807
Conc: 27.55 ng/ml



#7 AR-1016-5

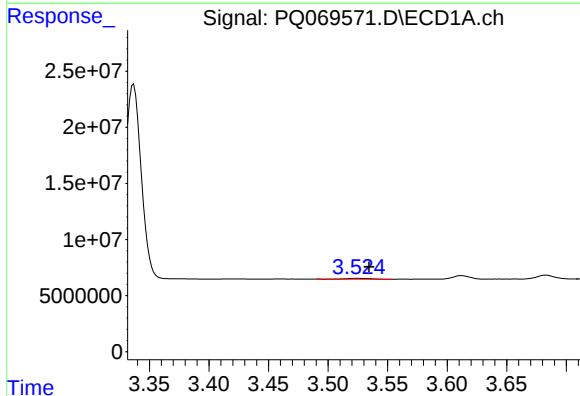
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 4525735
Conc: 27.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



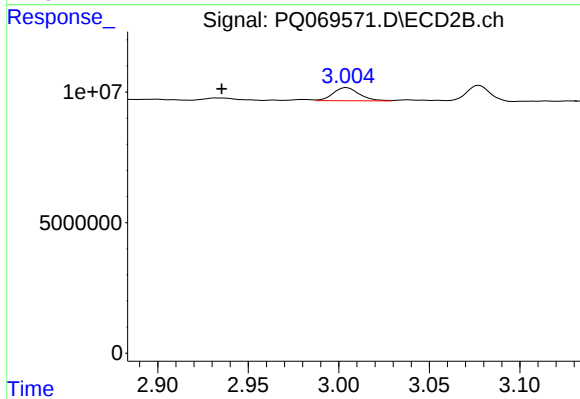
#7 AR-1016-5

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 7802259
Conc: 26.22 ng/ml



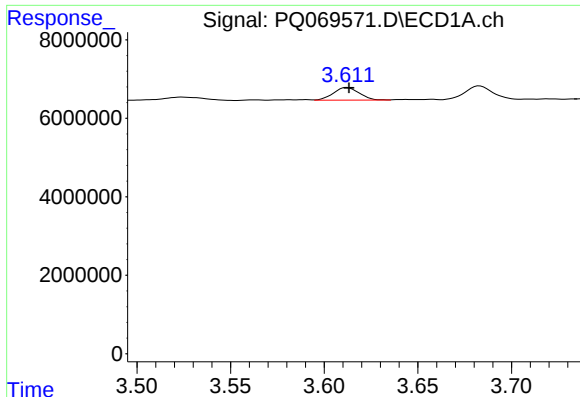
#8 AR-1221-1

R.T.: 3.524 min
Delta R.T.: -0.010 min
Response: 1012295
Conc: 12.74 ng/ml



#8 AR-1221-1

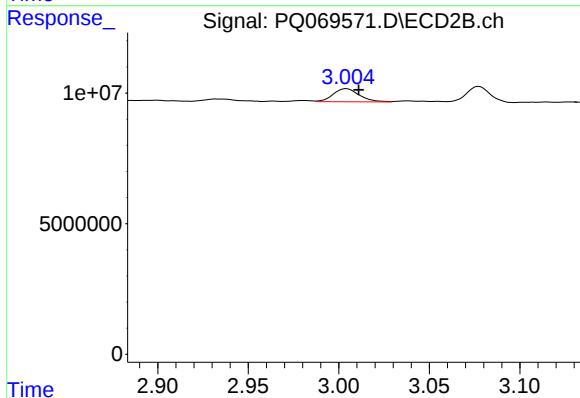
R.T.: 3.004 min
Delta R.T.: 0.069 min
Response: 5106270
Conc: 40.10 ng/ml



#9 AR-1221-2

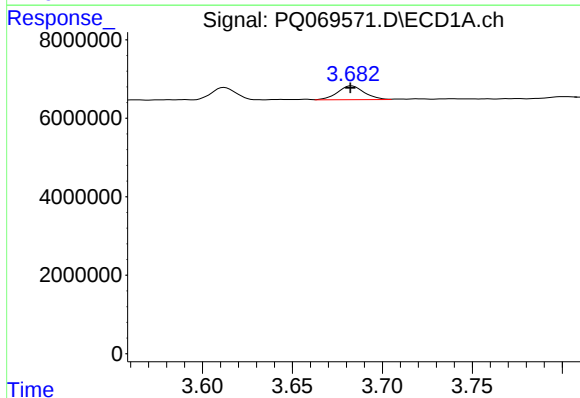
R.T.: 3.612 min
Delta R.T.: -0.001 min
Response: 3101184
Conc: 57.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



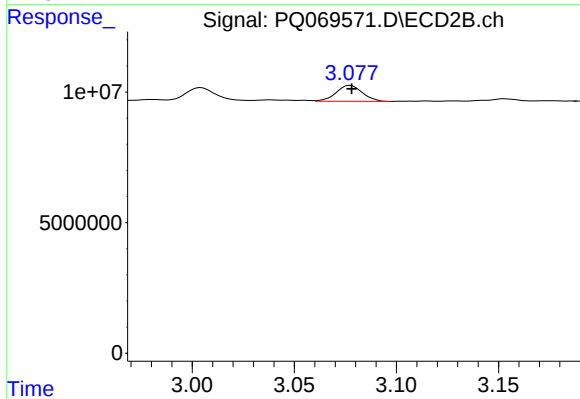
#9 AR-1221-2

R.T.: 3.004 min
Delta R.T.: -0.007 min
Response: 5106270
Conc: 56.84 ng/ml



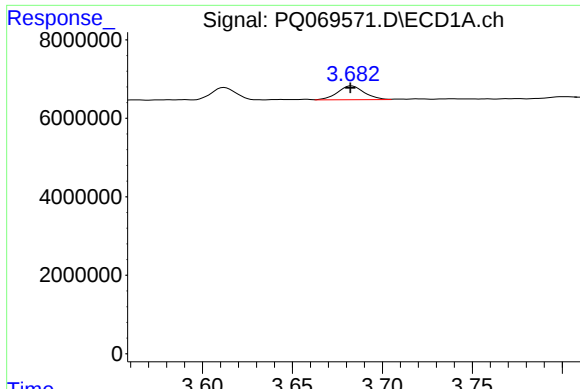
#10 AR-1221-3

R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 3582750
Conc: 19.69 ng/ml



#10 AR-1221-3

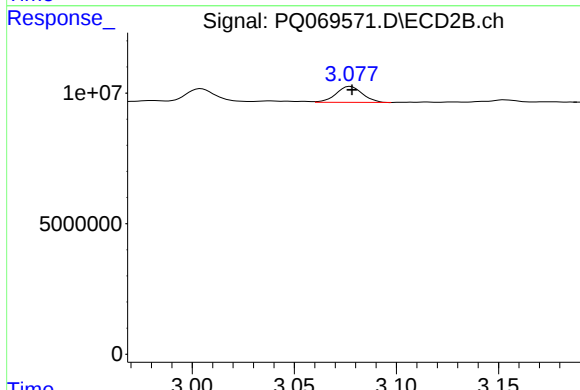
R.T.: 3.078 min
Delta R.T.: 0.000 min
Response: 5467270
Conc: 19.17 ng/ml



#11 AR-1232-1

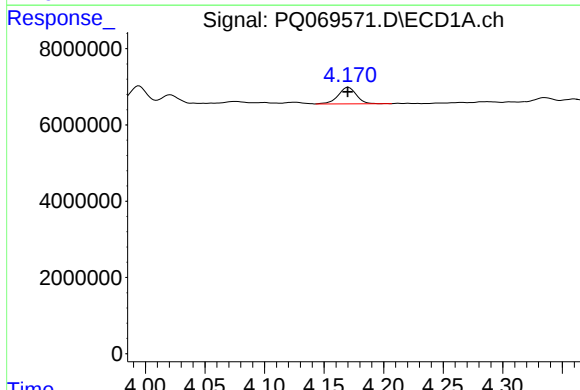
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 3582750
Conc: 24.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



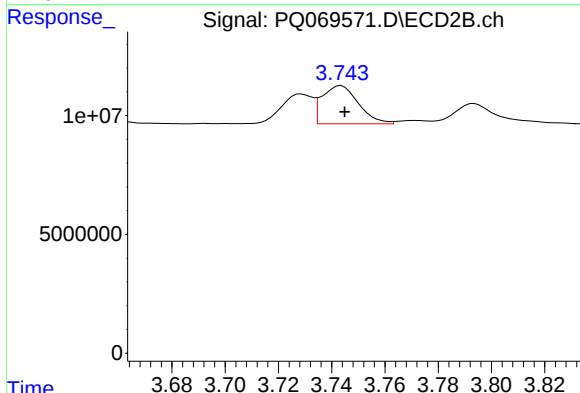
#11 AR-1232-1

R.T.: 3.078 min
Delta R.T.: 0.000 min
Response: 5467270
Conc: 23.33 ng/ml



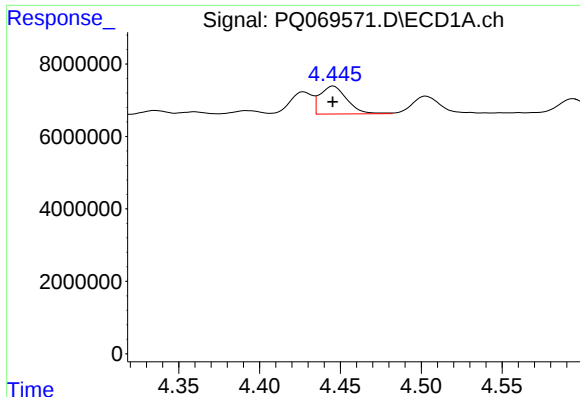
#12 AR-1232-2

R.T.: 4.170 min
Delta R.T.: 0.000 min
Response: 4585156
Conc: 57.65 ng/ml



#12 AR-1232-2

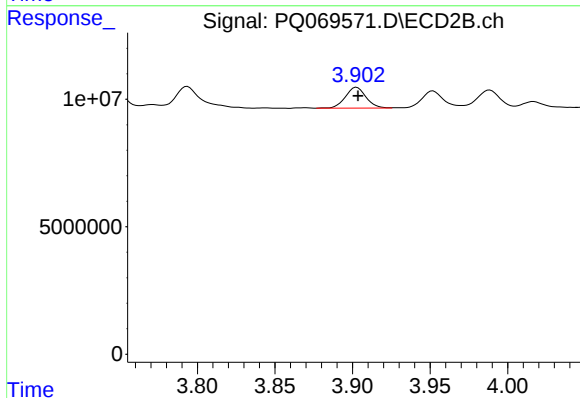
R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 15236349
Conc: 59.19 ng/ml



#13 AR-1232-3

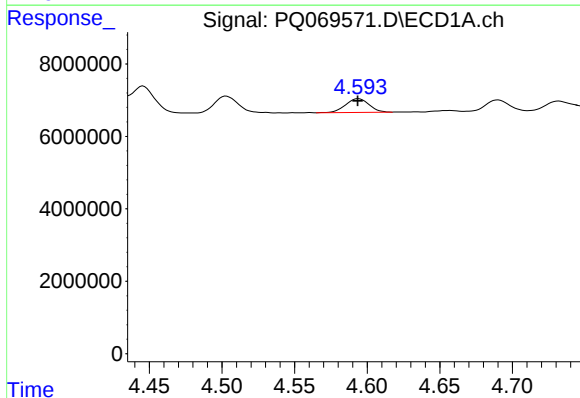
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 8971130
Conc: 61.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



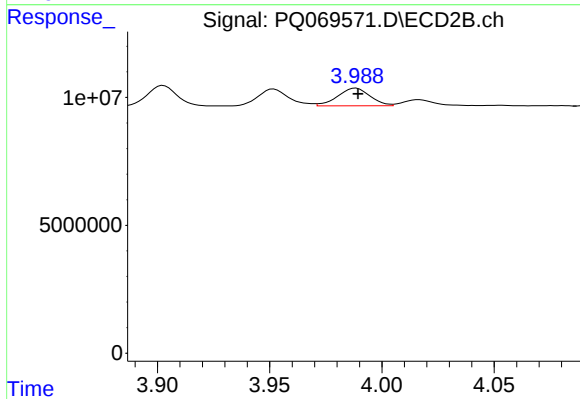
#13 AR-1232-3

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 7542250
Conc: 56.75 ng/ml



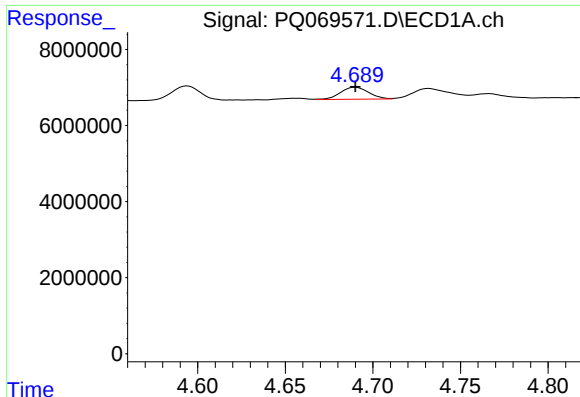
#14 AR-1232-4

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 4290857
Conc: 57.85 ng/ml



#14 AR-1232-4

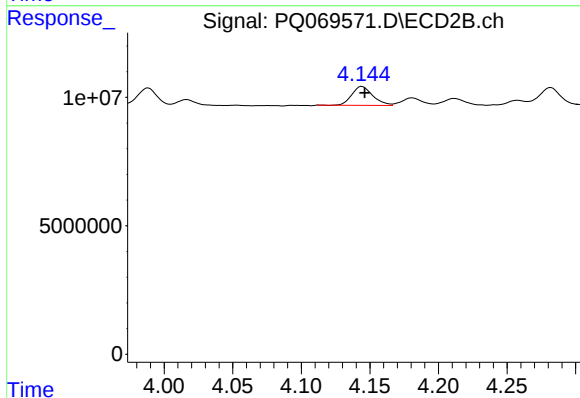
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 6950813
Conc: 65.96 ng/ml



#15 AR-1232-5

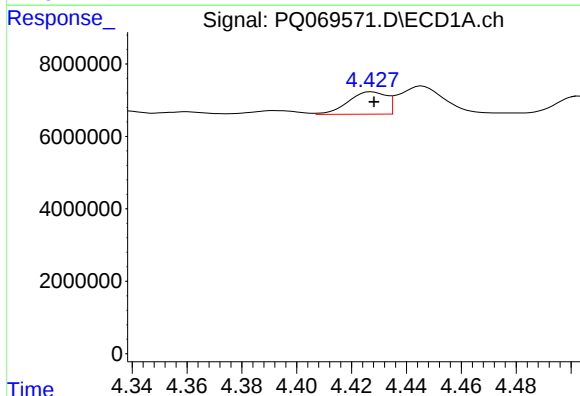
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 3528140
Conc: 74.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



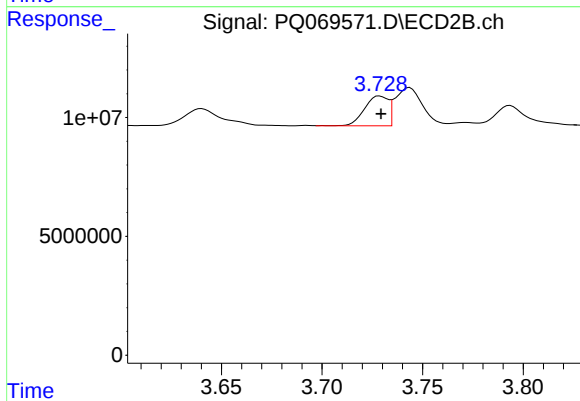
#15 AR-1232-5

R.T.: 4.144 min
Delta R.T.: -0.002 min
Response: 7802259
Conc: 61.33 ng/ml



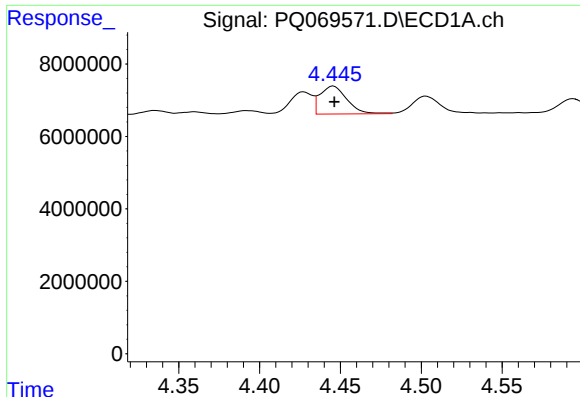
#16 AR-1242-1

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 5990014
Conc: 34.74 ng/ml



#16 AR-1242-1

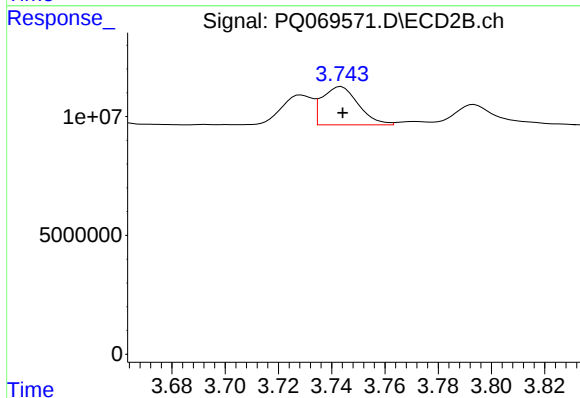
R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 10299728
Conc: 32.38 ng/ml



#17 AR-1242-2

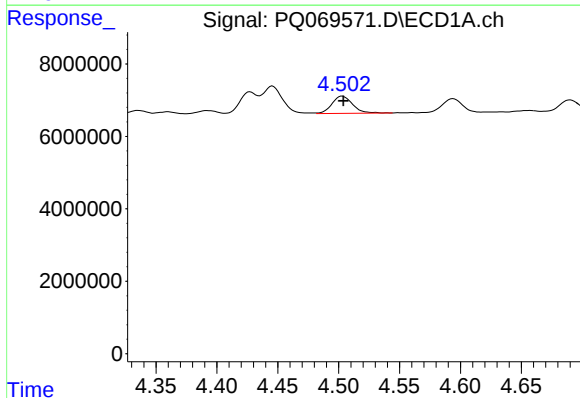
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 8971130
Conc: 34.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



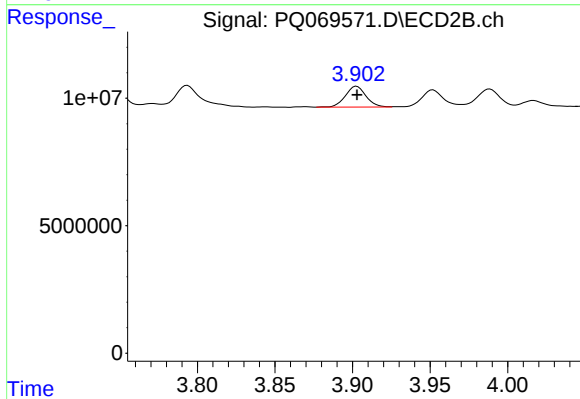
#17 AR-1242-2

R.T.: 3.744 min
Delta R.T.: 0.000 min
Response: 15236349
Conc: 32.44 ng/ml



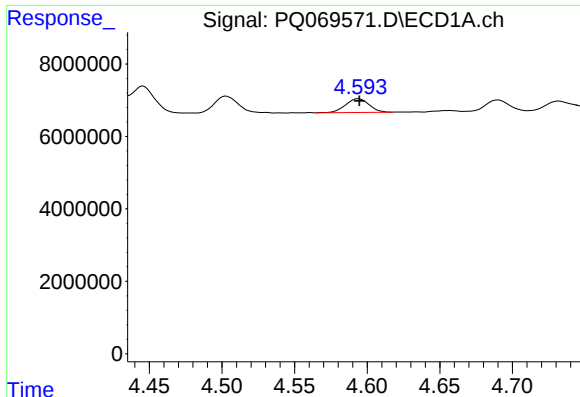
#18 AR-1242-3

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5660940
Conc: 34.62 ng/ml



#18 AR-1242-3

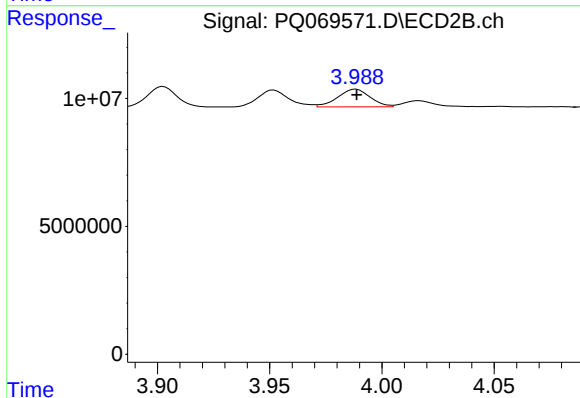
R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 7542250
Conc: 29.91 ng/ml



#19 AR-1242-4

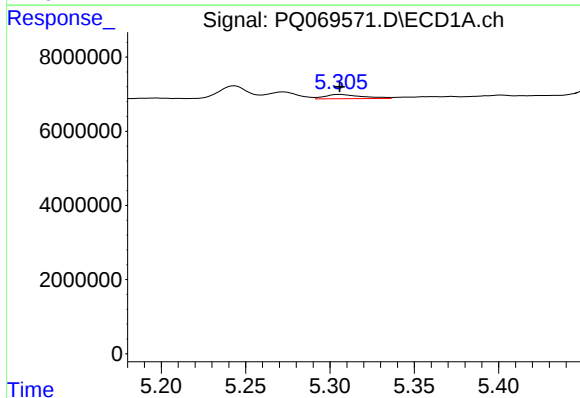
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 4290857
Conc: 31.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



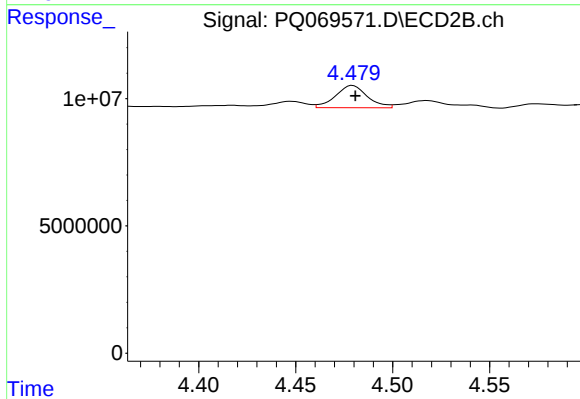
#19 AR-1242-4

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 6950813
Conc: 31.16 ng/ml



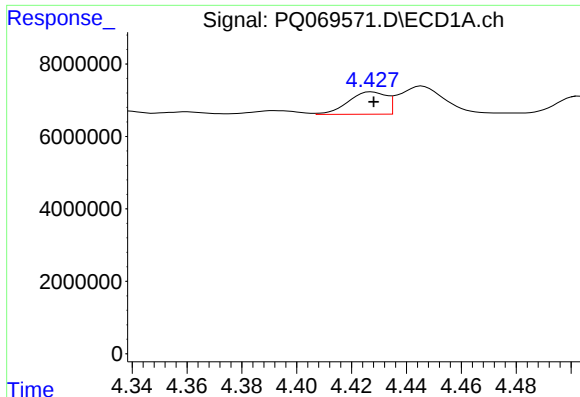
#20 AR-1242-5

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 1729912
Conc: 12.17 ng/ml



#20 AR-1242-5

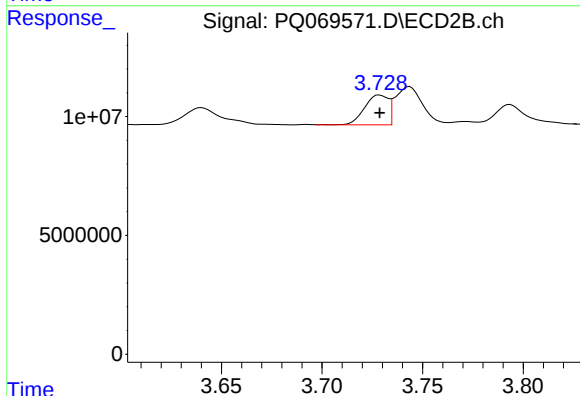
R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 10038523
Conc: 31.29 ng/ml



#21 AR-1248-1

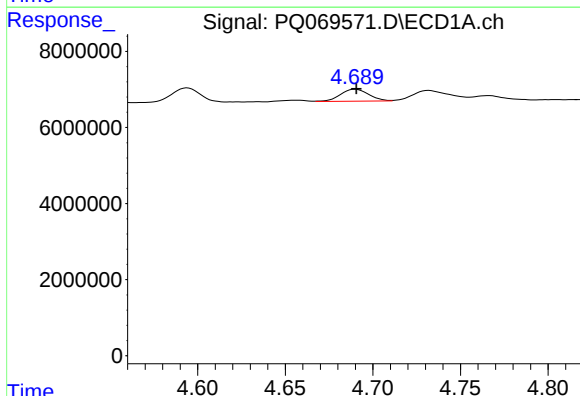
R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 5990014
Conc: 48.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



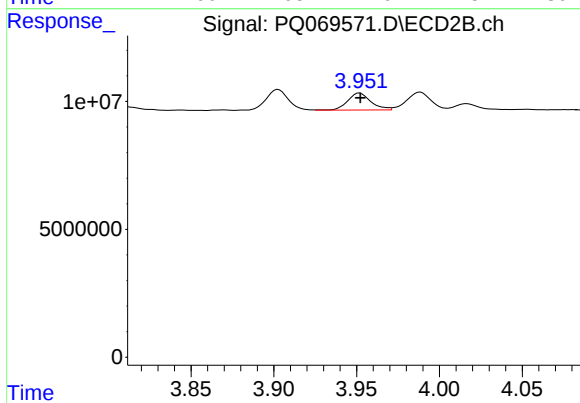
#21 AR-1248-1

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 10299728
Conc: 42.22 ng/ml



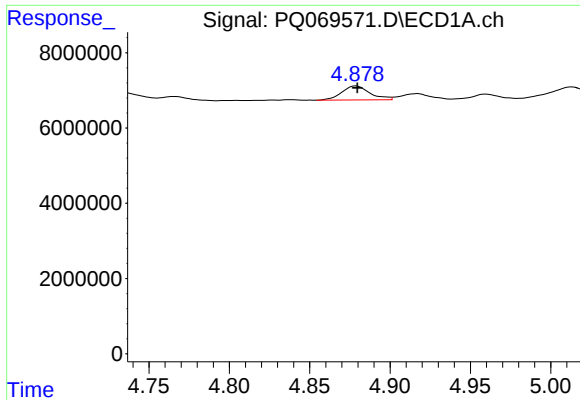
#22 AR-1248-2

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 3528140
Conc: 20.48 ng/ml



#22 AR-1248-2

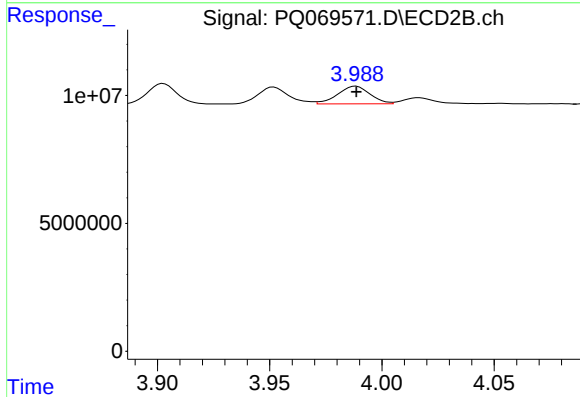
R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 6460807
Conc: 19.11 ng/ml



#23 AR-1248-3

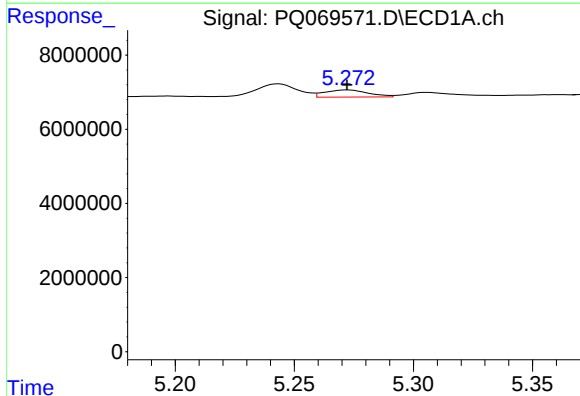
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 4525735
Conc: 21.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



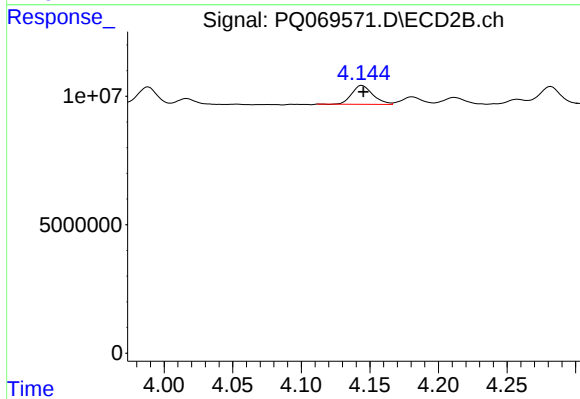
#23 AR-1248-3

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 6950813
Conc: 21.27 ng/ml



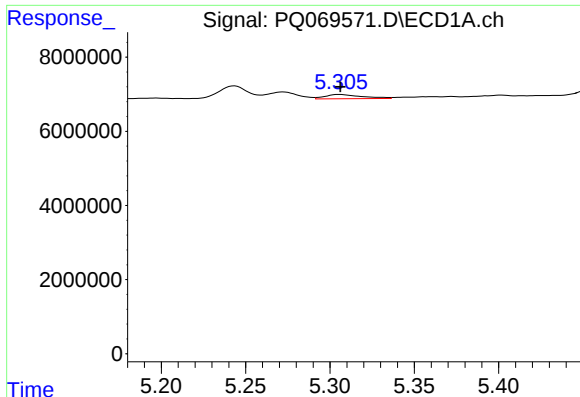
#24 AR-1248-4

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 2420554
Conc: 10.37 ng/ml



#24 AR-1248-4

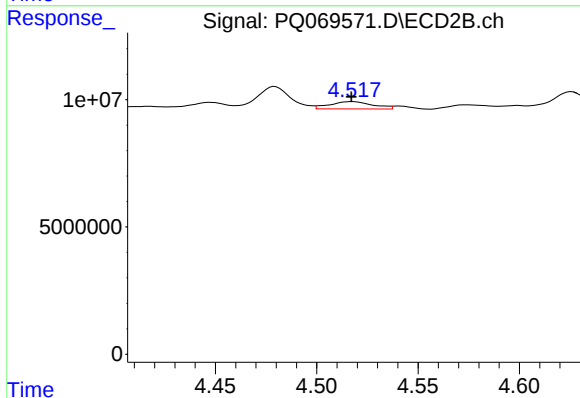
R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 7802259
Conc: 18.85 ng/ml



#25 AR-1248-5

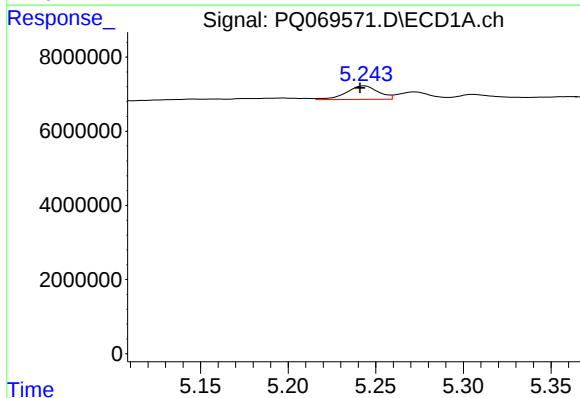
R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 1729912
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



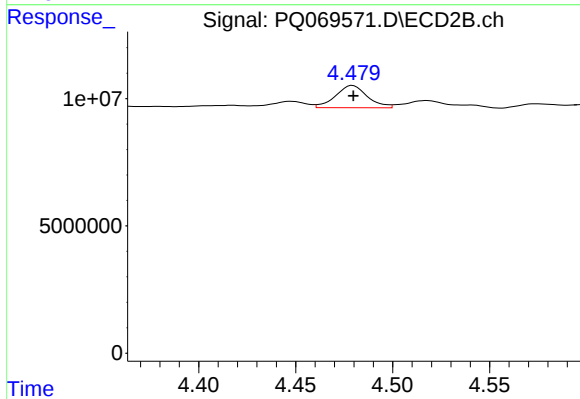
#25 AR-1248-5

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 4279943
Conc: 9.70 ng/ml



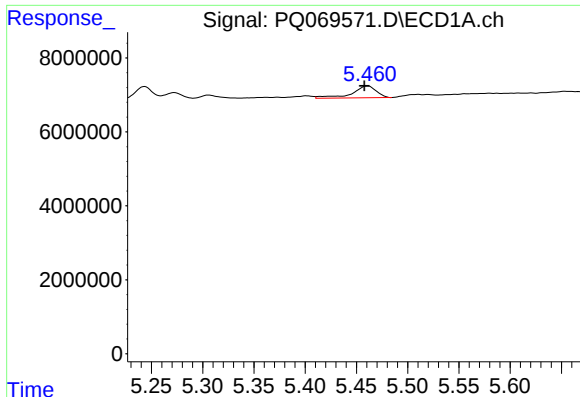
#26 AR-1254-1

R.T.: 5.244 min
Delta R.T.: 0.002 min
Response: 4614392
Conc: 19.04 ng/ml



#26 AR-1254-1

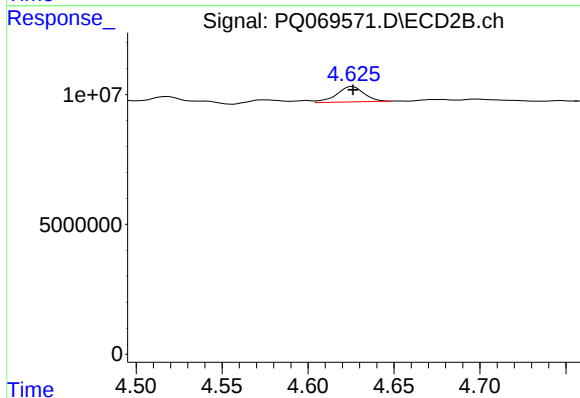
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 10038523
Conc: 15.91 ng/ml



#27 AR-1254-2

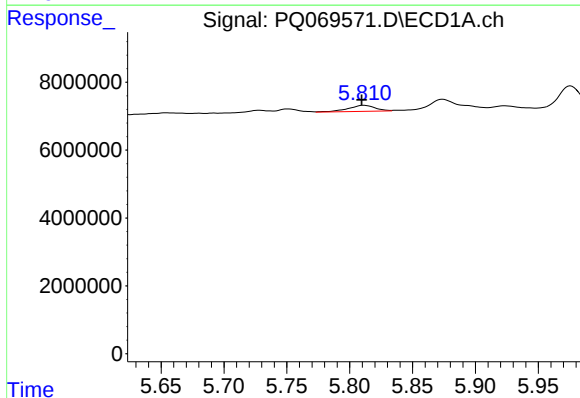
R.T.: 5.461 min
Delta R.T.: 0.003 min
Response: 5325146
Conc: 14.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



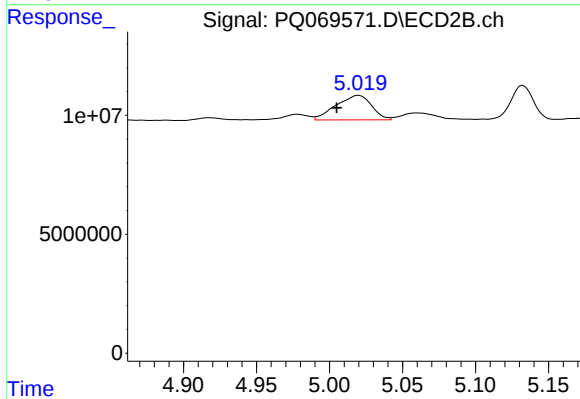
#27 AR-1254-2

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 6570864
Conc: 11.97 ng/ml



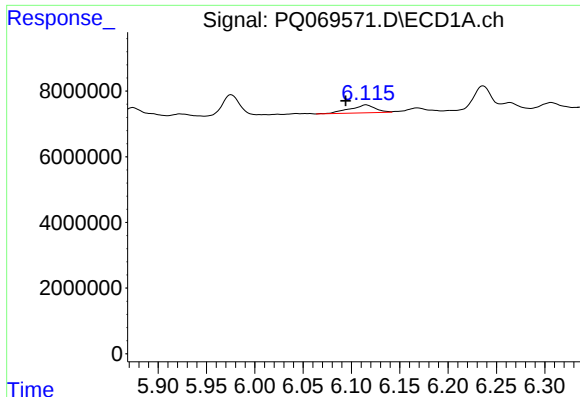
#28 AR-1254-3

R.T.: 5.811 min
Delta R.T.: 0.001 min
Response: 2717412
Conc: 6.52 ng/ml



#28 AR-1254-3

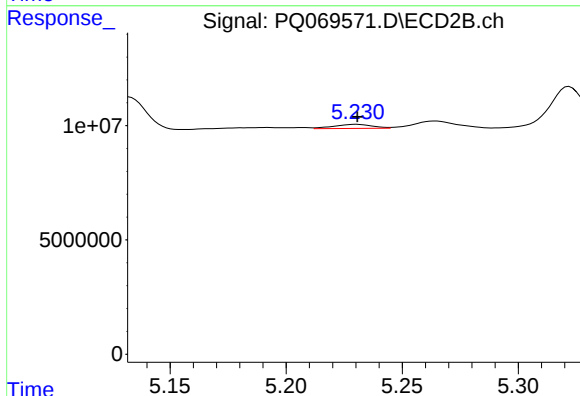
R.T.: 5.020 min
Delta R.T.: 0.015 min
Response: 17408421
Conc: 19.39 ng/ml



#29 AR-1254-4

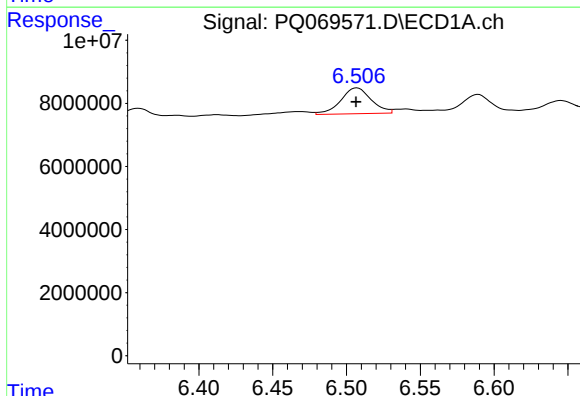
R.T.: 6.115 min
Delta R.T.: 0.021 min
Response: 4389379
Conc: 13.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



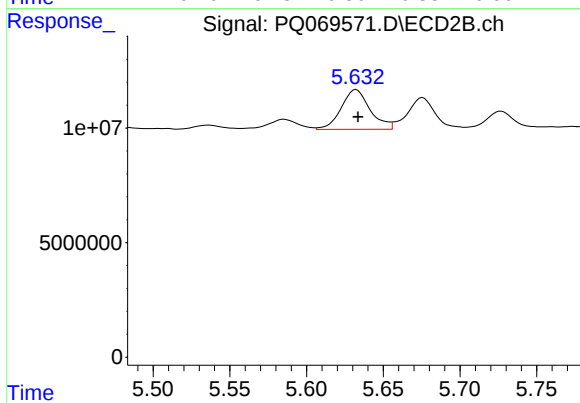
#29 AR-1254-4

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 2081545
Conc: 3.57 ng/ml



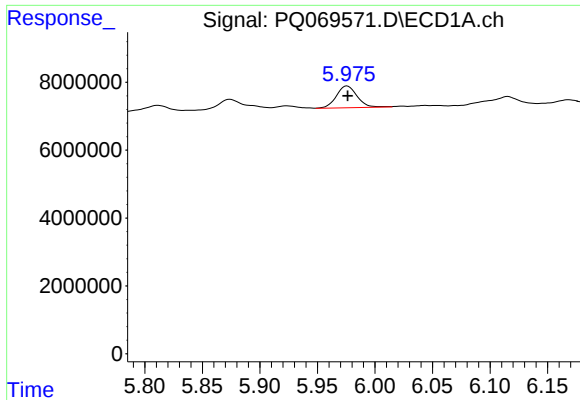
#30 AR-1254-5

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 11792741
Conc: 34.64 ng/ml



#30 AR-1254-5

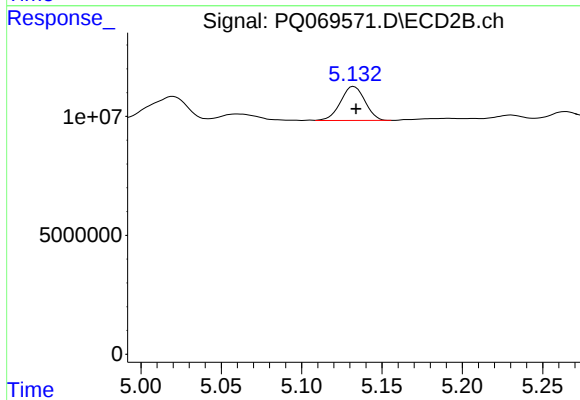
R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 22905826
Conc: 27.46 ng/ml



#31 AR-1260-1

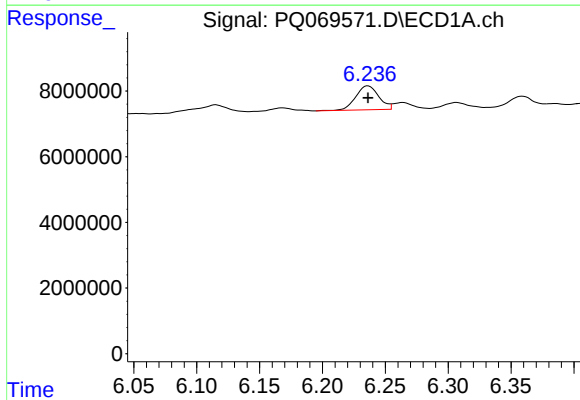
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 8100524
Conc: 26.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



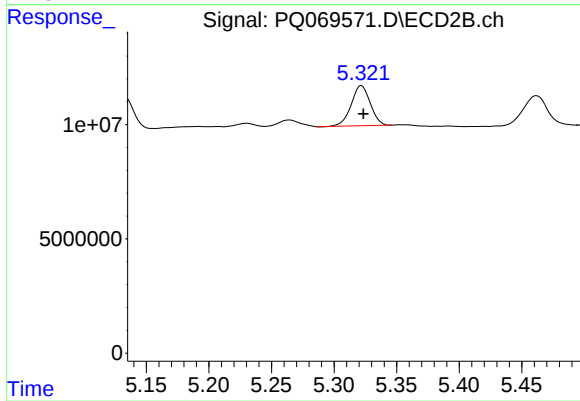
#31 AR-1260-1

R.T.: 5.132 min
Delta R.T.: -0.001 min
Response: 15158995
Conc: 27.23 ng/ml



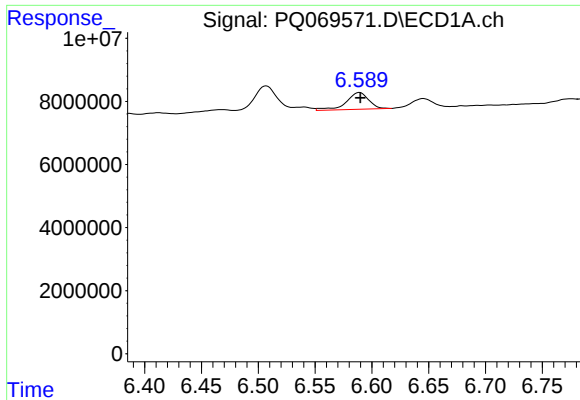
#32 AR-1260-2

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 9340323
Conc: 24.83 ng/ml



#32 AR-1260-2

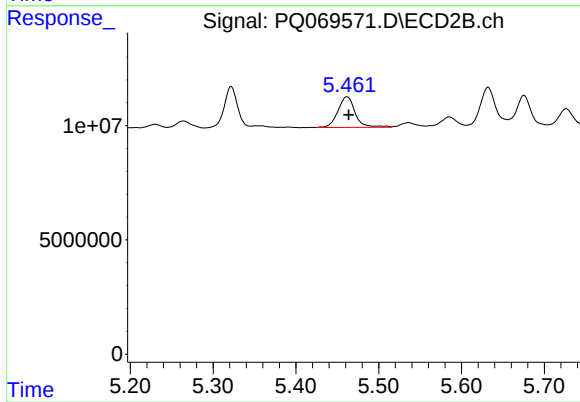
R.T.: 5.322 min
Delta R.T.: -0.001 min
Response: 18532008
Conc: 26.99 ng/ml



#33 AR-1260-3

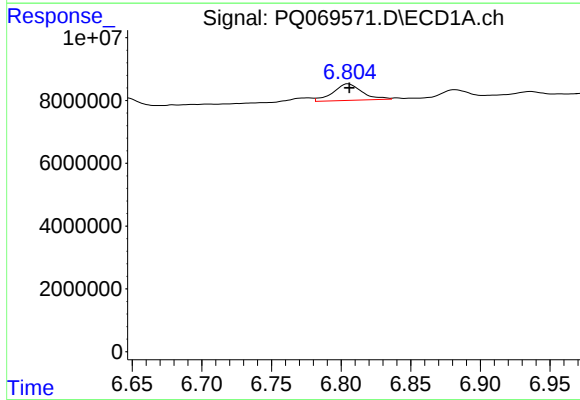
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 7326980
Conc: 26.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



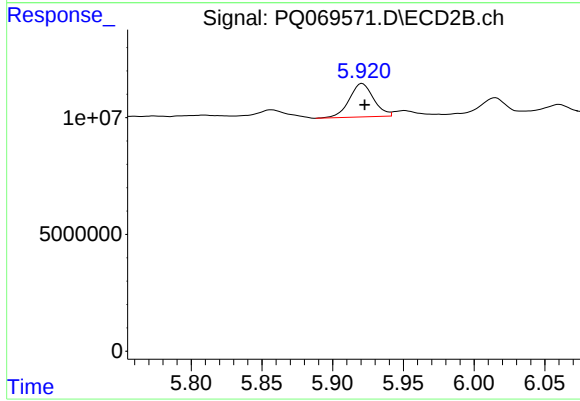
#33 AR-1260-3

R.T.: 5.462 min
Delta R.T.: -0.002 min
Response: 19452583
Conc: 29.56 ng/ml



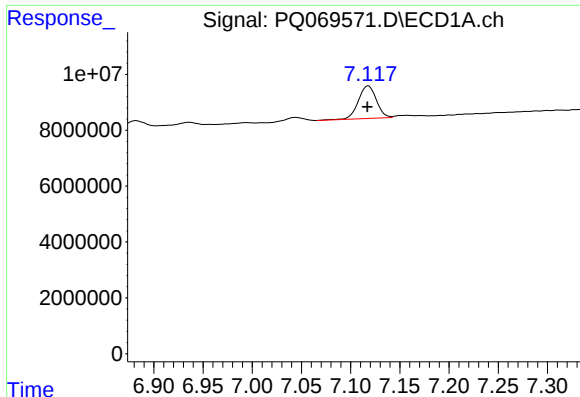
#34 AR-1260-4

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 7693207
Conc: 24.68 ng/ml



#34 AR-1260-4

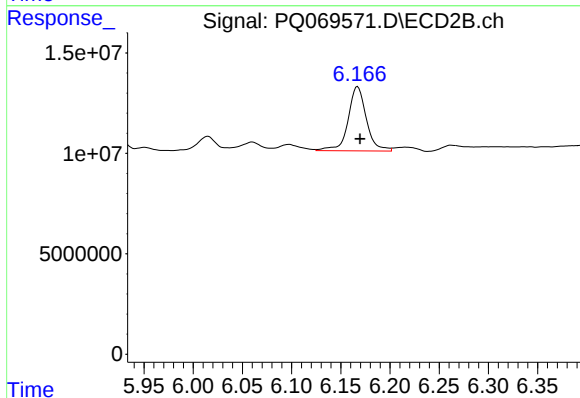
R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 17119470
Conc: 29.83 ng/ml



#35 AR-1260-5

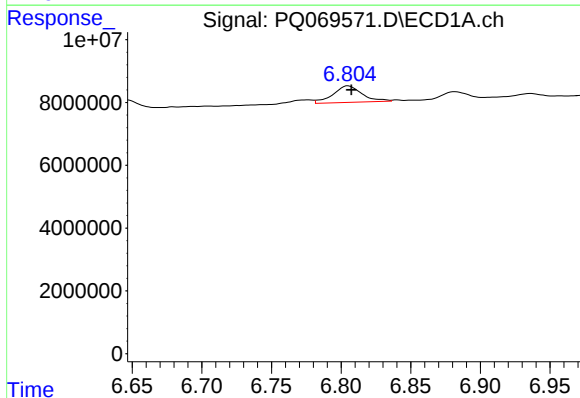
R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 14946658
Conc: 23.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



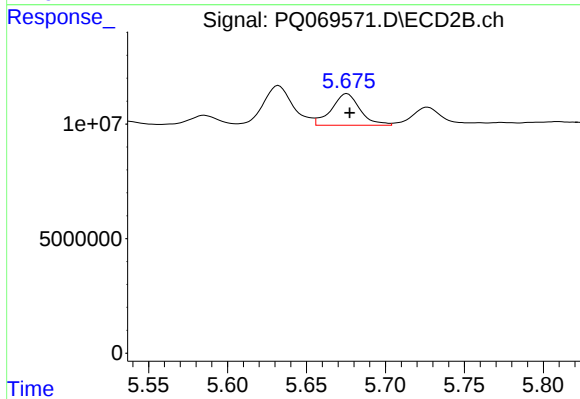
#35 AR-1260-5

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 41379425
Conc: 30.51 ng/ml



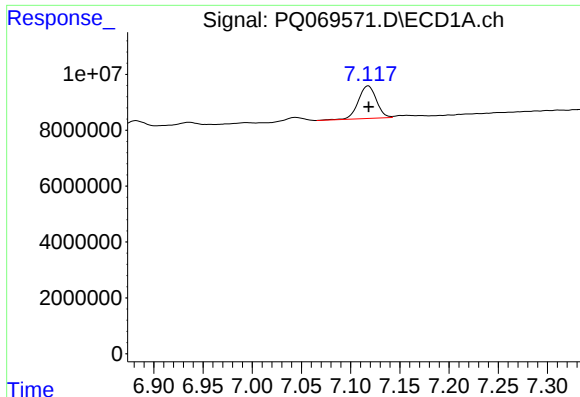
#36 AR-1262-1

R.T.: 6.805 min
Delta R.T.: -0.002 min
Response: 7693207
Conc: 20.57 ng/ml



#36 AR-1262-1

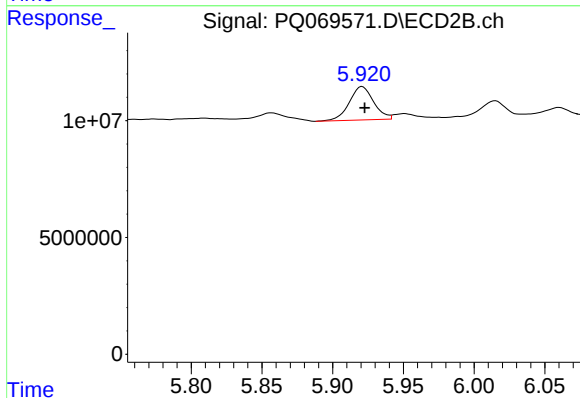
R.T.: 5.676 min
Delta R.T.: -0.002 min
Response: 17397191
Conc: 19.50 ng/ml



#37 AR-1262-2

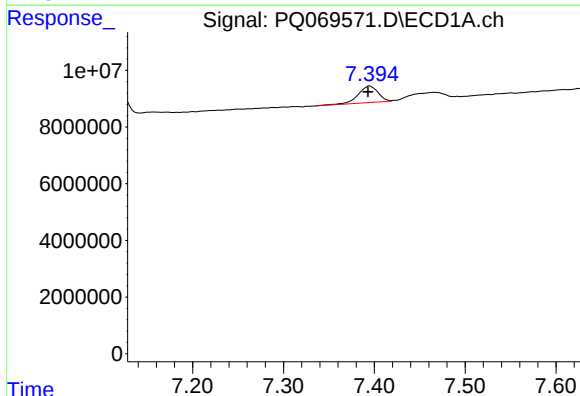
R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 14946658
Conc: 20.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



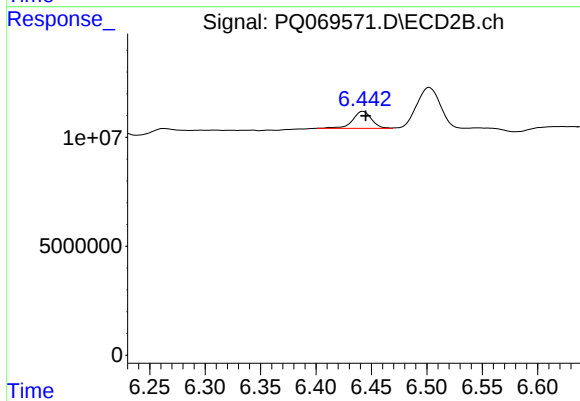
#37 AR-1262-2

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 17119470
Conc: 20.64 ng/ml



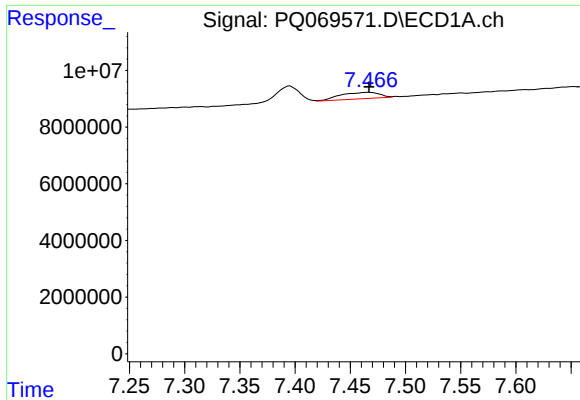
#38 AR-1262-3

R.T.: 7.395 min
Delta R.T.: 0.002 min
Response: 8812293
Conc: 19.09 ng/ml



#38 AR-1262-3

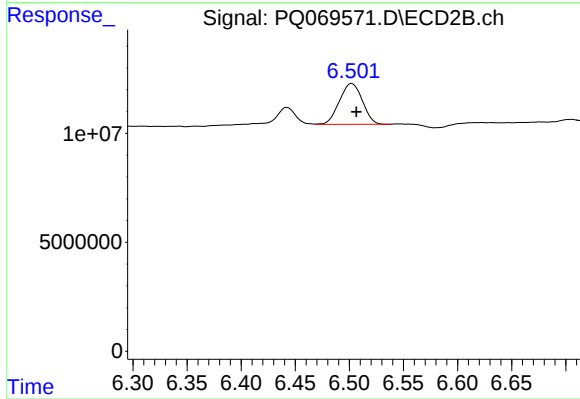
R.T.: 6.442 min
Delta R.T.: -0.003 min
Response: 9243476
Conc: 13.82 ng/ml



#39 AR-1262-4

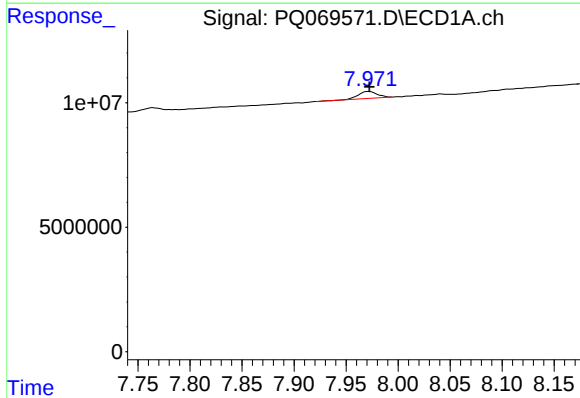
R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 5477670
Conc: 16.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



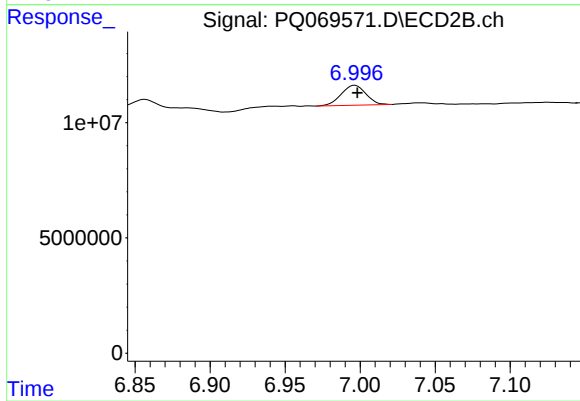
#39 AR-1262-4

R.T.: 6.502 min
Delta R.T.: -0.004 min
Response: 27623930
Conc: 22.06 ng/ml



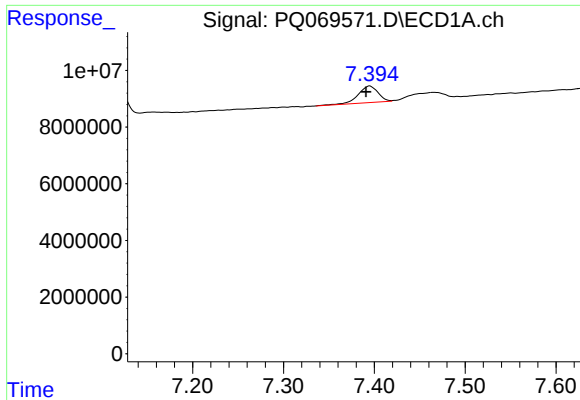
#40 AR-1262-5

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 3483428
Conc: 15.40 ng/ml



#40 AR-1262-5

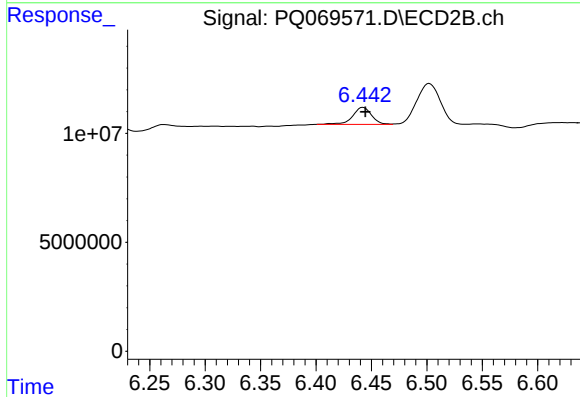
R.T.: 6.997 min
Delta R.T.: -0.002 min
Response: 9875623
Conc: 16.63 ng/ml



#41 AR-1268-1

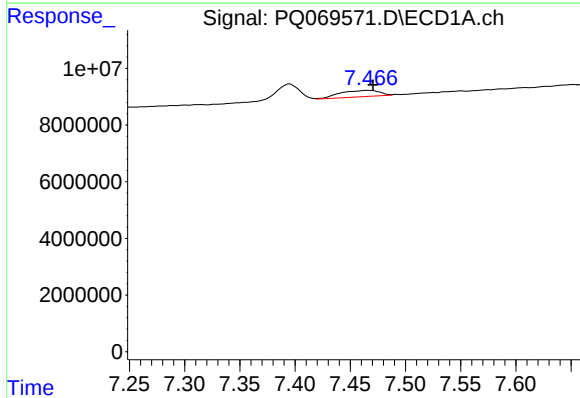
R.T.: 7.395 min
Delta R.T.: 0.004 min
Response: 8812293
Conc: 11.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



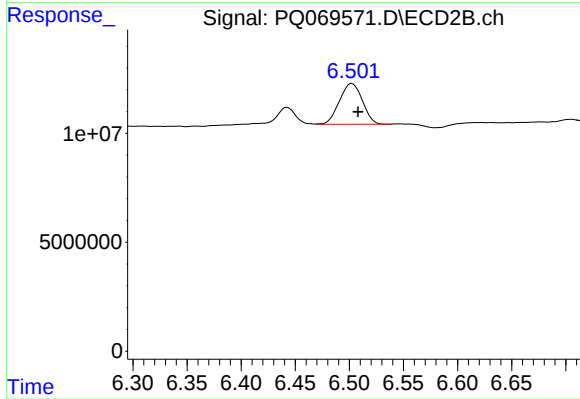
#41 AR-1268-1

R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 9243476
Conc: 4.96 ng/ml



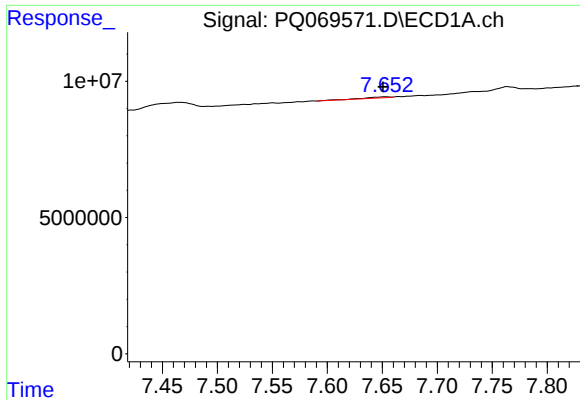
#42 AR-1268-2

R.T.: 7.466 min
Delta R.T.: -0.004 min
Response: 5477670
Conc: 7.97 ng/ml



#42 AR-1268-2

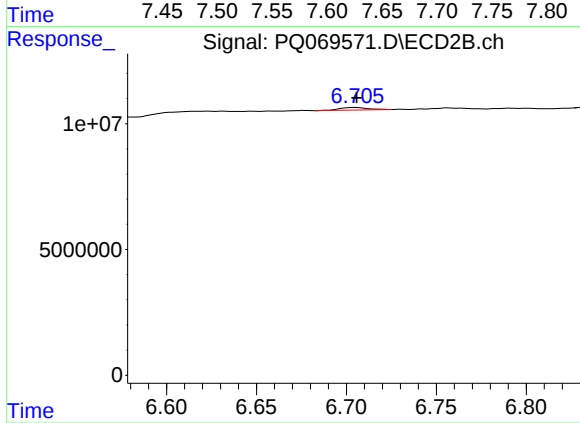
R.T.: 6.502 min
Delta R.T.: -0.006 min
Response: 27623930
Conc: 15.65 ng/ml



#43 AR-1268-3

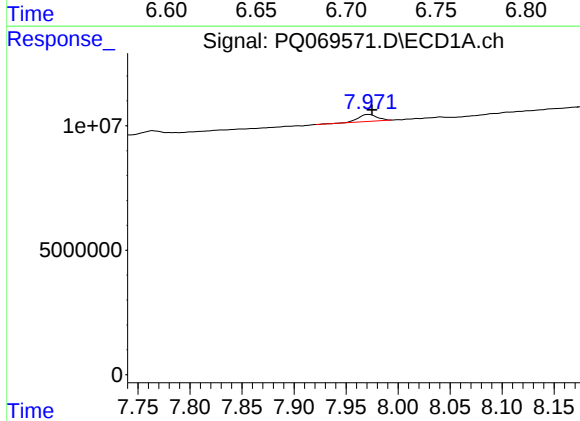
R.T.: 7.652 min
Delta R.T.: 0.002 min
Response: 569369
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



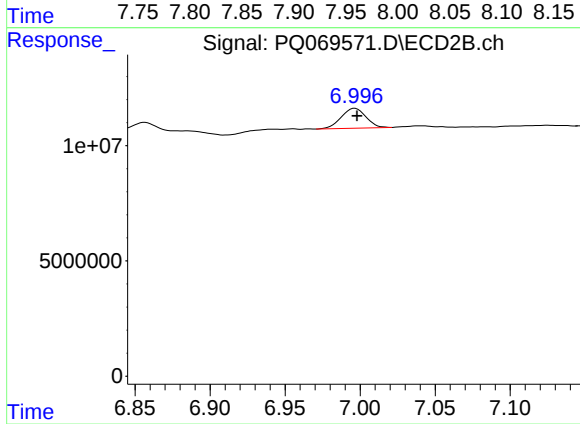
#43 AR-1268-3

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 1173819
Conc: 0.78 ng/ml



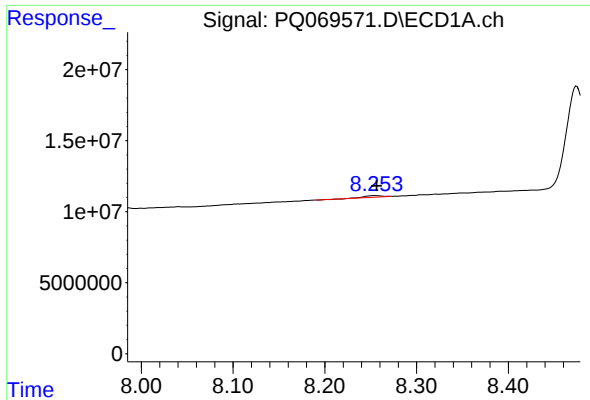
#44 AR-1268-4

R.T.: 7.972 min
Delta R.T.: -0.003 min
Response: 3483428
Conc: 14.64 ng/ml



#44 AR-1268-4

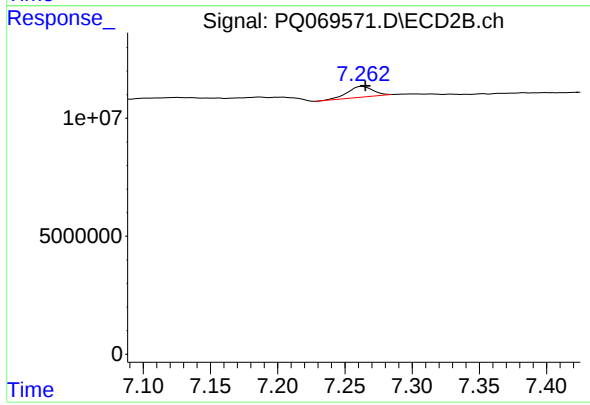
R.T.: 6.997 min
Delta R.T.: -0.002 min
Response: 9875623
Conc: 15.36 ng/ml



#45 AR-1268-5

R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 1284538
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 5945492
Conc: 1.23 ng/ml