

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ051018\
 Data File : PQ028549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2018 05:49
 Operator : UA/SM
 Sample : PB109154BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 09:13:45 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 2018
 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...	4.607	3.772	1336.6E6	149.0E6	16.174	16.668
2)	SA Decachlor...	10.343	8.713	1194.7E6	237.0E6	19.596	20.408
Target Compounds							
3)	L1 AR-1016-1	4.969	4.626	89239004	16611287	67.447	68.048
4)	L1 AR-1016-2	5.493	5.034	96910369	13866915	48.607	50.595
5)	L1 AR-1016-3	5.840	5.074	136.5E6	12128145	49.992	56.822
6)	L1 AR-1016-4	6.024	5.116	138.1E6	14243084	75.675	54.519 #
7)	L1 AR-1016-5	6.366	5.285	84944207	15806524	34.861	54.664 #
8)	L2 AR-1221-1	0.000	3.980	0	3549233	N.D.	17.767 #
9)	L2 AR-1221-2	4.908	4.069	60359178	7666850	46.414	51.446
10)	L2 AR-1221-3	4.969	4.143	89239004	14548513	21.311	31.676 #
11)	L3 AR-1232-1	4.969	4.143	89239004	14548513	52.666	69.242 #
12)	L3 AR-1232-2	5.493	4.917	96910369	21012418	92.549	113.268
13)	L3 AR-1232-3	5.840	5.034	136.5E6	13866915	91.954	100.001
14)	L3 AR-1232-4	5.937	5.285	122.2E6	15806524	98.746	107.615
15)	L3 AR-1232-5	6.228	5.630	108.9E6	14764263	104.286	90.422
16)	L4 AR-1242-1	5.493	4.626	96910369	16611287	63.110	85.456 #
17)	L4 AR-1242-2	5.755	4.861	147.1E6	33524336	62.124	73.672
18)	L4 AR-1242-3	5.840	5.034	136.5E6	13866915	63.576	66.779
19)	L4 AR-1242-4	6.228	5.116	108.9E6	14243084	61.469	70.517
20)	L4 AR-1242-5	6.366	5.285	84944207	15806524	43.747	69.824 #
21)	L5 AR-1248-1	6.228	5.074	108.9E6	12128145	34.475	41.083
22)	L5 AR-1248-2	6.366	5.116	84944207	14243084	30.472	46.262 #
23)	L5 AR-1248-3	6.601	5.285	89763564	15806524	22.409	40.494 #
24)	L5 AR-1248-4	6.601	5.630	89763564	14764263	24.480	26.293
25)	L5 AR-1248-5	6.814	5.671	107.2E6	4616064	29.261	11.182 #
26)	L6 AR-1254-1	6.601	5.630	89763564	14764263	25.938	27.530
27)	L6 AR-1254-2	6.814	5.774	107.2E6	15228545	20.075	33.210 #
28)	L6 AR-1254-3	7.178	6.185	67337627	28521445	11.314	35.995 #
29)	L6 AR-1254-4	7.459	6.398	10713519	7578765	2.292	13.914 #
30)	L6 AR-1254-5	7.720	6.636	130.8E6	51376814	40.482	148.466 #
31)	L7 AR-1260-1	7.341	6.300	222.6E6	42998550	50.574	69.720 #
32)	L7 AR-1260-2	7.591	6.636	299.2E6	51376814	49.252	72.542 #
33)	L7 AR-1260-3	7.872	7.102	382.4E6	37509582	61.457	63.279
34)	L7 AR-1260-4	8.500	7.339	460.0E6	93126782	47.727	63.674 #
35)	L7 AR-1260-5	8.831	7.681	279.5E6	54303236	51.374	51.689
36)	L8 AR-1262-1	7.341	6.300	222.6E6	42998550	59.276	85.871 #
37)	L8 AR-1262-2	7.591	6.484	299.2E6	49782202	57.172	78.022 #
38)	L8 AR-1262-3	7.950	6.843	202.1E6	40399387	25.402	44.574 #
39)	L8 AR-1262-4	8.178	7.102	162.2E6	37509582	28.277	47.169 #
40)	L8 AR-1262-5	8.500	7.339	460.0E6	93126782	35.011	55.458 #
41)	L9 AR-1268-1	8.831	7.617	279.5E6	17896228	20.490	9.863 #

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 Acq On : 11 May 2018 05:49
 Operator : UA/SM
 Sample : PB109154BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

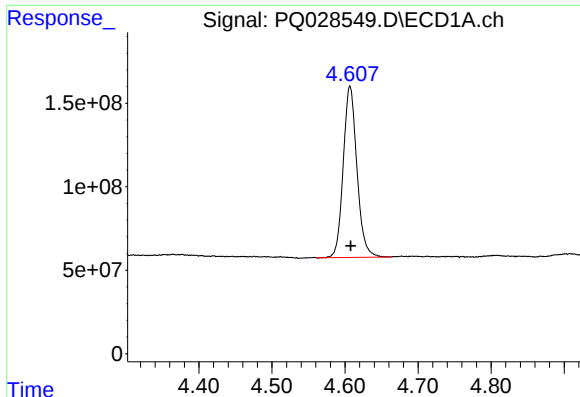
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 09:13:45 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
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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	8.897	7.681	167.6E6	54303236	14.284	30.637 #
43) L9	AR-1268-3	0.000	7.888	0	3288438	N.D.	2.388 #
44) L9	AR-1268-4	9.575	8.173	115.6E6	25081276	31.010	39.861 #
45) L9	AR-1268-5	0.000	8.464	0	13103134	N.D.	2.979 #

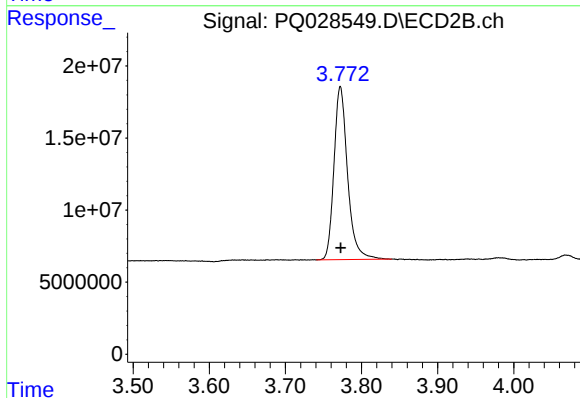
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

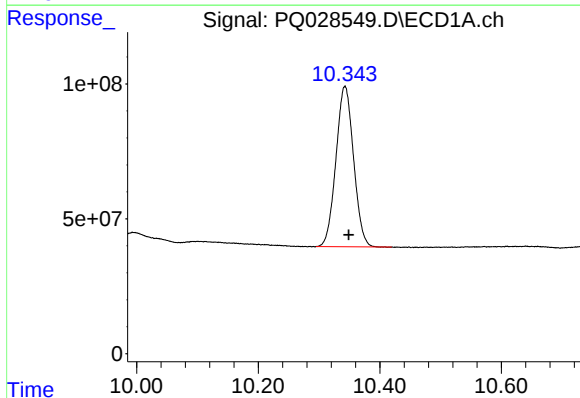
R.T.: 4.607 min
Delta R.T.: -0.001 min
Response: 1336591099
Conc: 16.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



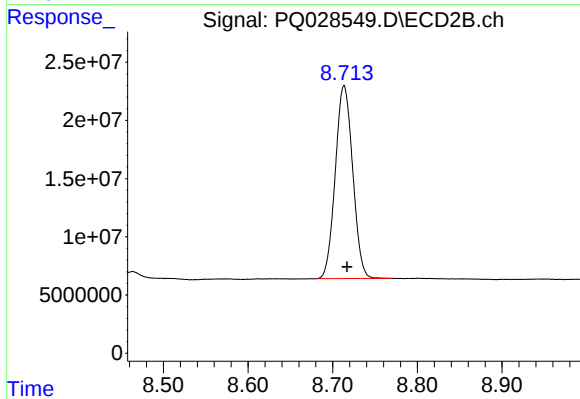
#1 Tetrachloro-m-xylene

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 149039574
Conc: 16.67 ng/ml



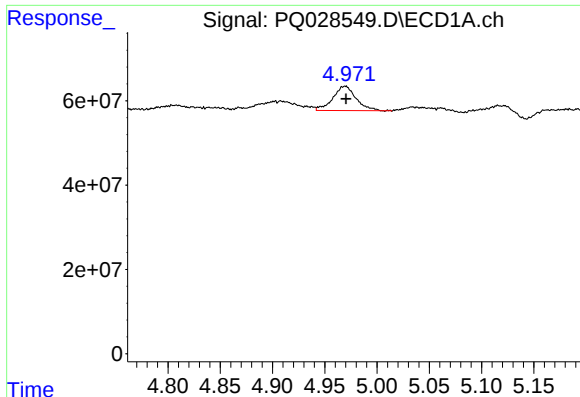
#2 Decachlorobiphenyl

R.T.: 10.343 min
Delta R.T.: -0.006 min
Response: 1194727012
Conc: 19.60 ng/ml



#2 Decachlorobiphenyl

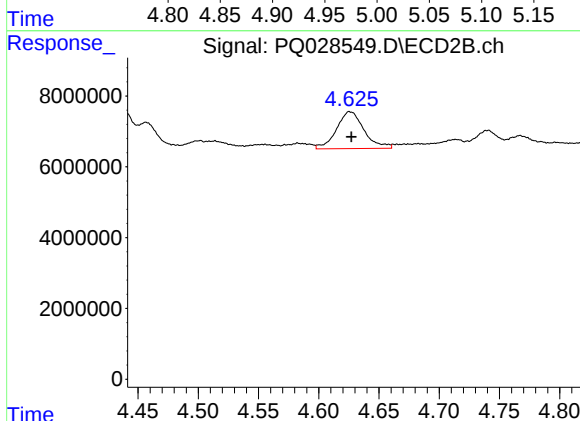
R.T.: 8.713 min
Delta R.T.: -0.004 min
Response: 237000318
Conc: 20.41 ng/ml



#3 AR-1016-1

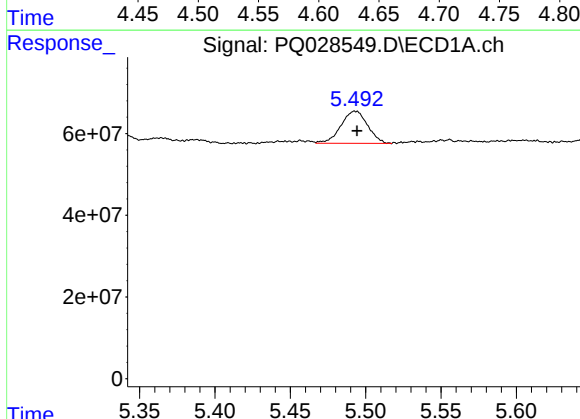
R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 89239004
Conc: 67.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



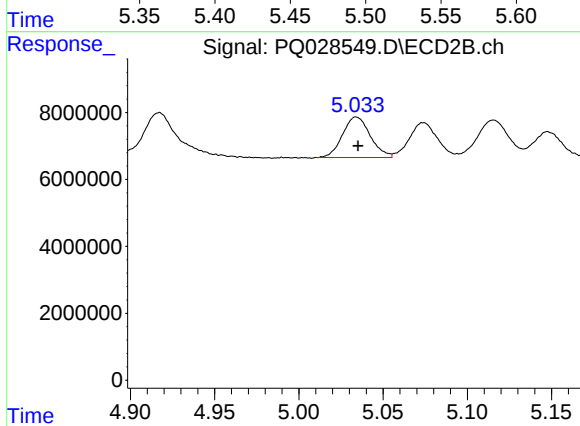
#3 AR-1016-1

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 16611287
Conc: 68.05 ng/ml



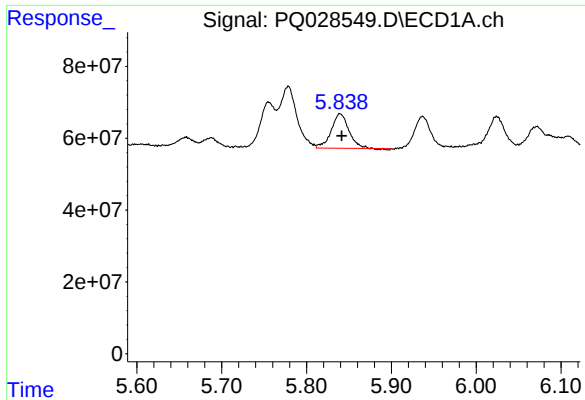
#4 AR-1016-2

R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 96910369
Conc: 48.61 ng/ml



#4 AR-1016-2

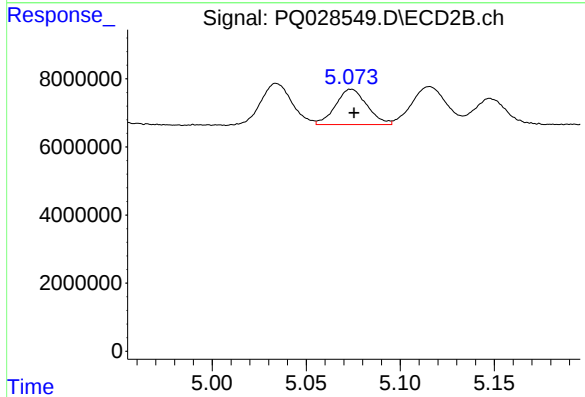
R.T.: 5.034 min
Delta R.T.: -0.001 min
Response: 13866915
Conc: 50.60 ng/ml



#5 AR-1016-3

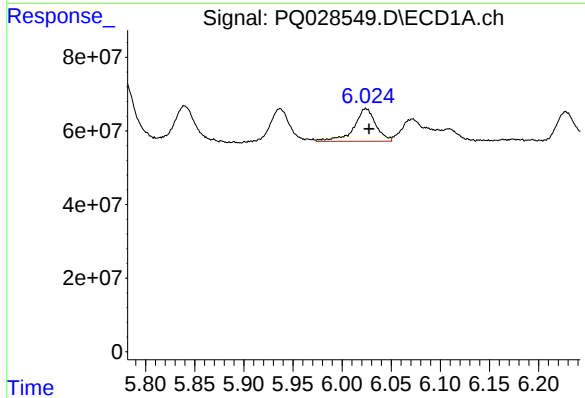
R.T.: 5.840 min
Delta R.T.: -0.002 min
Response: 136507742
Conc: 49.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



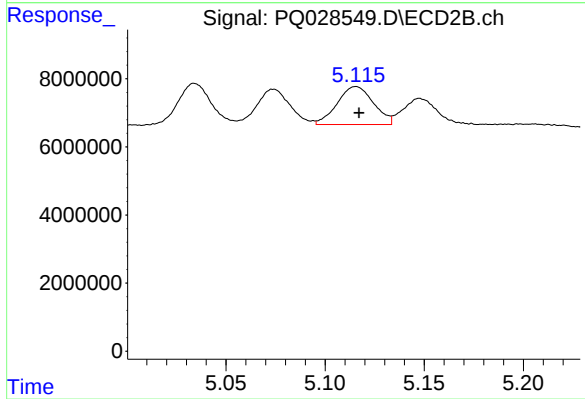
#5 AR-1016-3

R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 12128145
Conc: 56.82 ng/ml



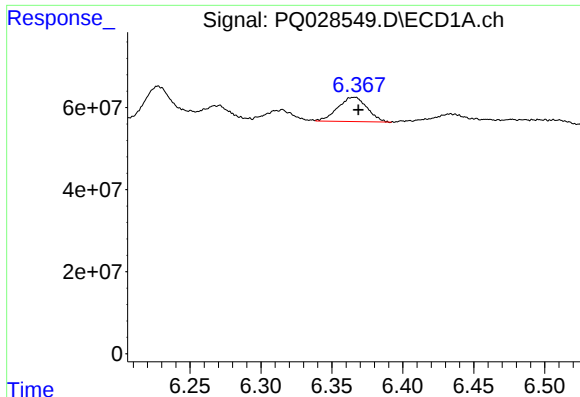
#6 AR-1016-4

R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 138124883
Conc: 75.68 ng/ml



#6 AR-1016-4

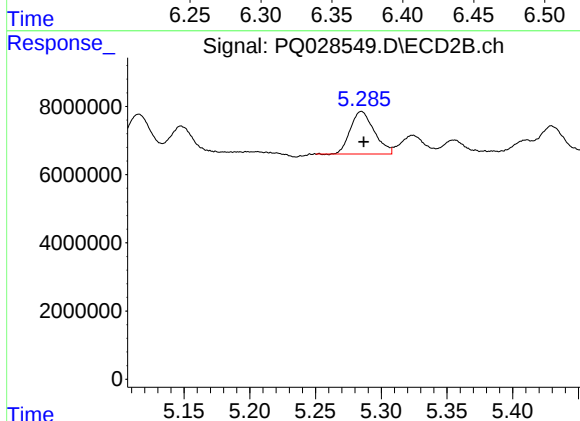
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 14243084
Conc: 54.52 ng/ml



#7 AR-1016-5

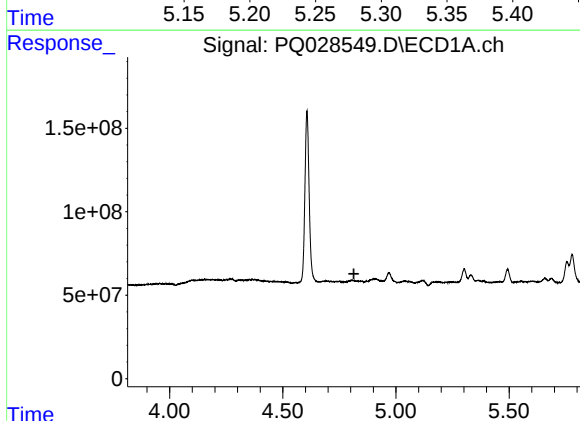
R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 84944207
Conc: 34.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



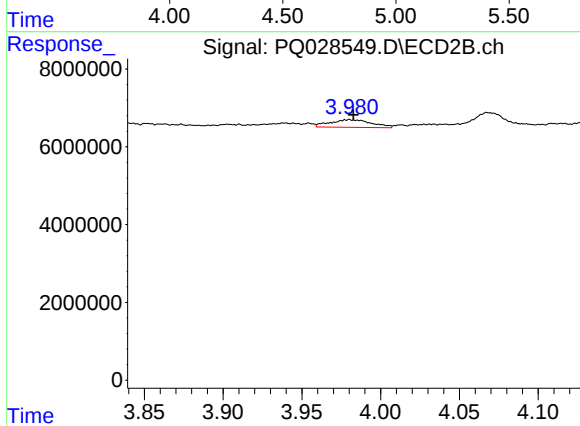
#7 AR-1016-5

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 15806524
Conc: 54.66 ng/ml



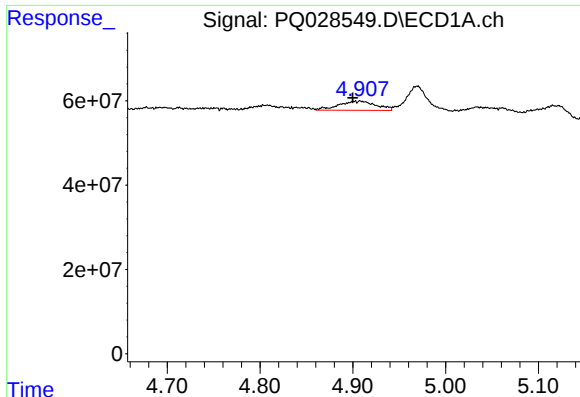
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#8 AR-1221-1

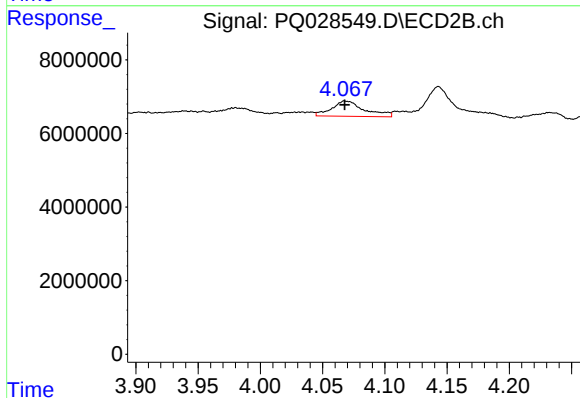
R.T.: 3.980 min
Delta R.T.: -0.003 min
Response: 3549233
Conc: 17.77 ng/ml



#9 AR-1221-2

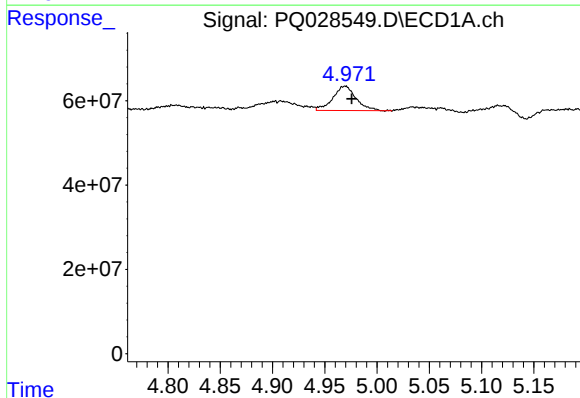
R.T.: 4.908 min
Delta R.T.: 0.009 min
Response: 60359178
Conc: 46.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



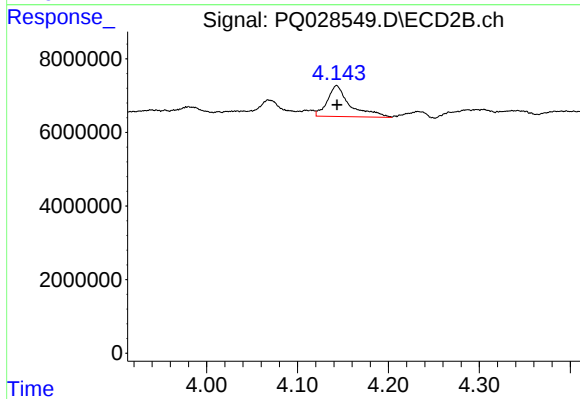
#9 AR-1221-2

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 7666850
Conc: 51.45 ng/ml



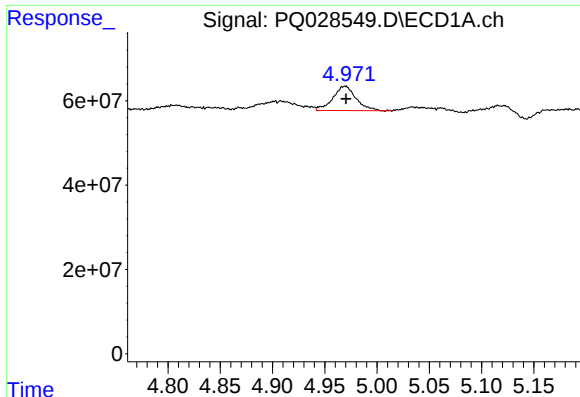
#10 AR-1221-3

R.T.: 4.969 min
Delta R.T.: -0.006 min
Response: 89239004
Conc: 21.31 ng/ml



#10 AR-1221-3

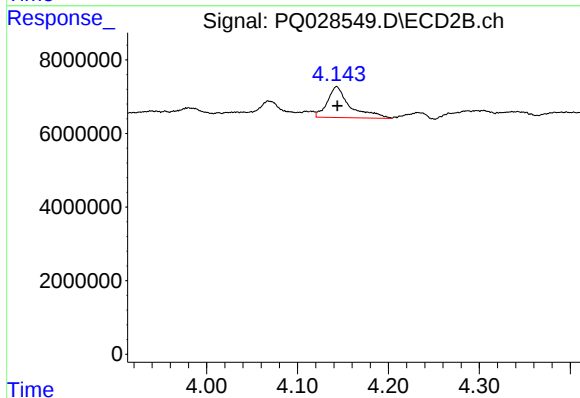
R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 14548513
Conc: 31.68 ng/ml



#11 AR-1232-1

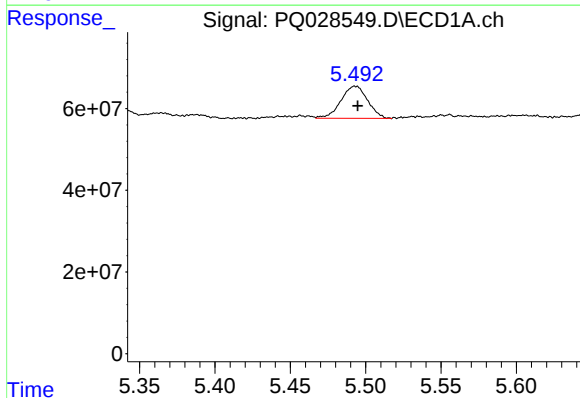
R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 89239004
Conc: 52.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



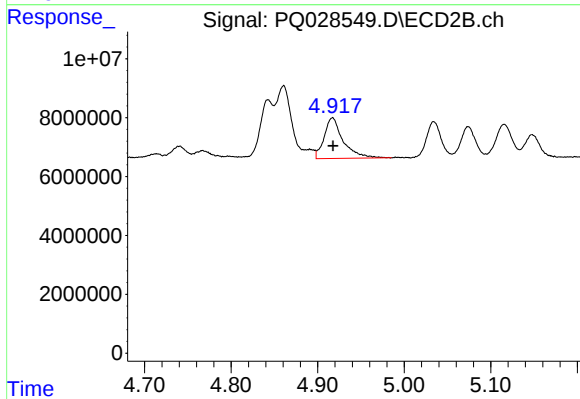
#11 AR-1232-1

R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 14548513
Conc: 69.24 ng/ml



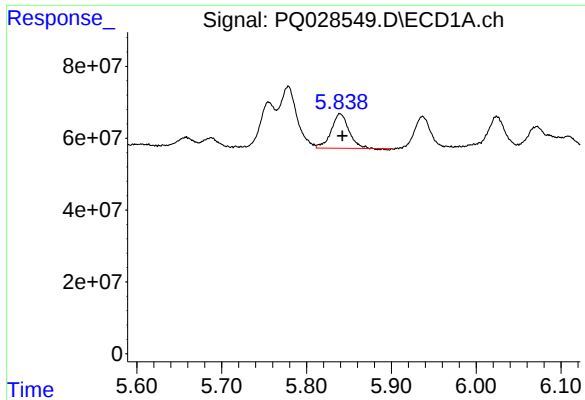
#12 AR-1232-2

R.T.: 5.493 min
Delta R.T.: -0.002 min
Response: 96910369
Conc: 92.55 ng/ml



#12 AR-1232-2

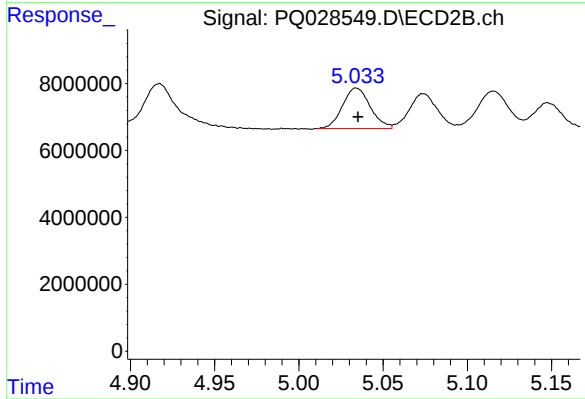
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 21012418
Conc: 113.27 ng/ml



#13 AR-1232-3

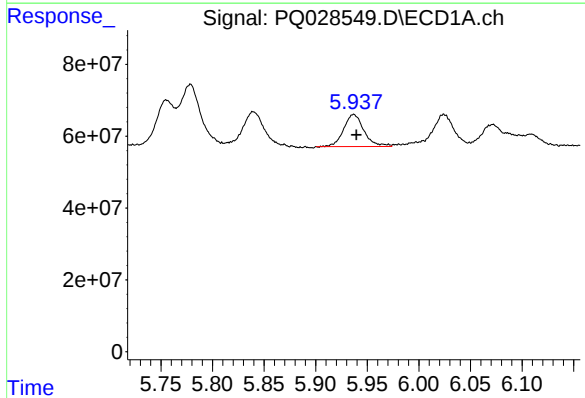
R.T.: 5.840 min
Delta R.T.: -0.003 min
Response: 136507742
Conc: 91.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



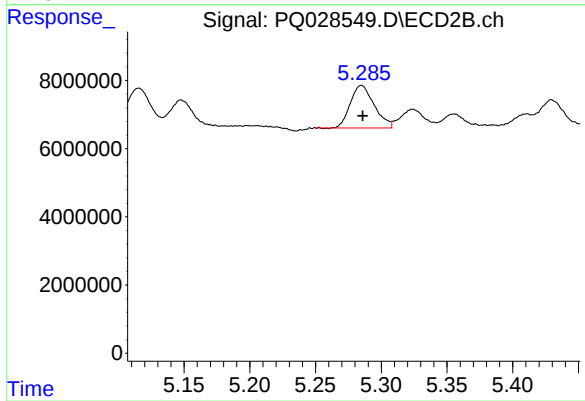
#13 AR-1232-3

R.T.: 5.034 min
Delta R.T.: -0.001 min
Response: 13866915
Conc: 100.00 ng/ml



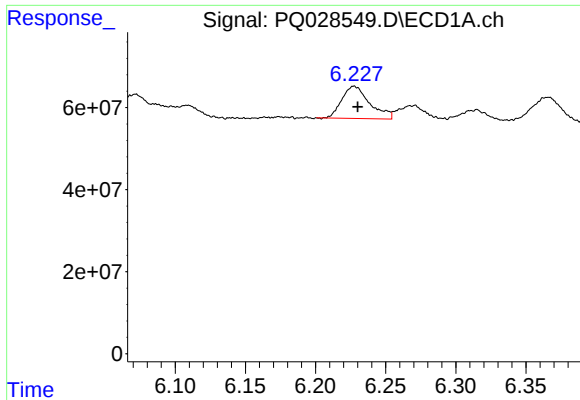
#14 AR-1232-4

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 122231589
Conc: 98.75 ng/ml



#14 AR-1232-4

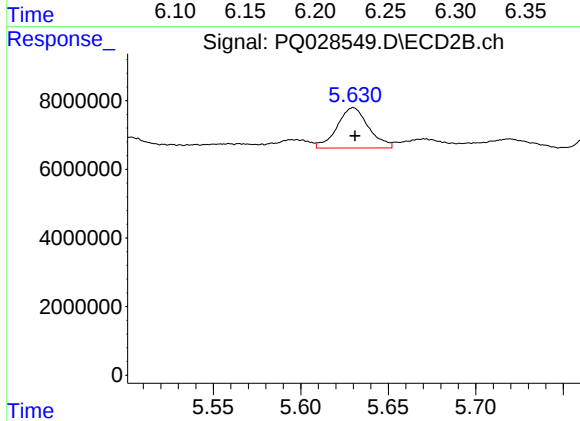
R.T.: 5.285 min
Delta R.T.: -0.001 min
Response: 15806524
Conc: 107.62 ng/ml



#15 AR-1232-5

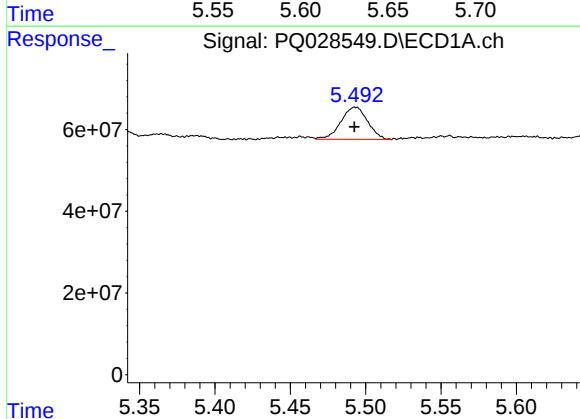
R.T.: 6.228 min
Delta R.T.: -0.002 min
Response: 108892126
Conc: 104.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



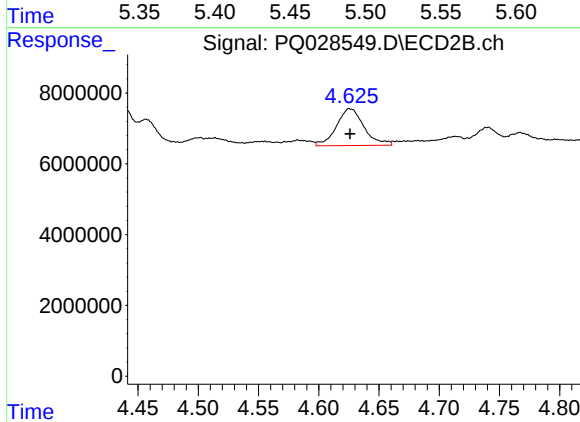
#15 AR-1232-5

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 14764263
Conc: 90.42 ng/ml



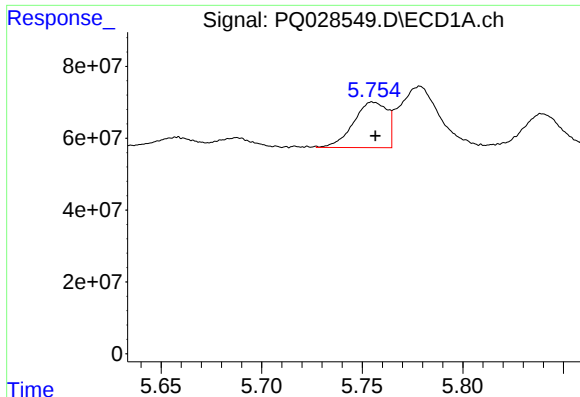
#16 AR-1242-1

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 96910369
Conc: 63.11 ng/ml



#16 AR-1242-1

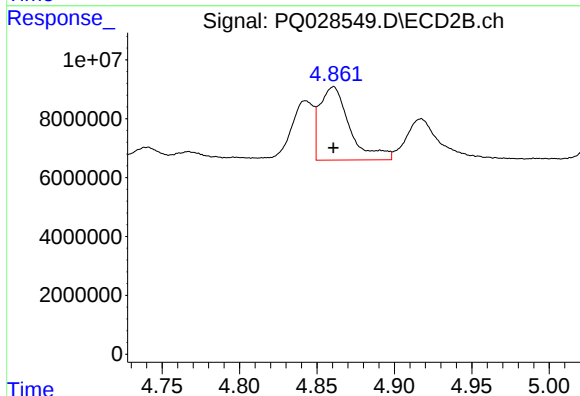
R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 16611287
Conc: 85.46 ng/ml



#17 AR-1242-2

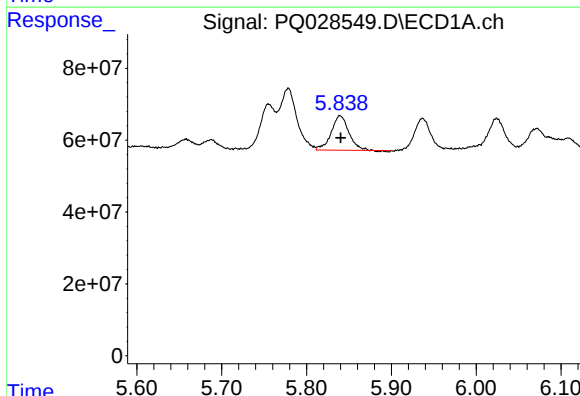
R.T.: 5.755 min
Delta R.T.: -0.001 min
Response: 147136485
Conc: 62.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



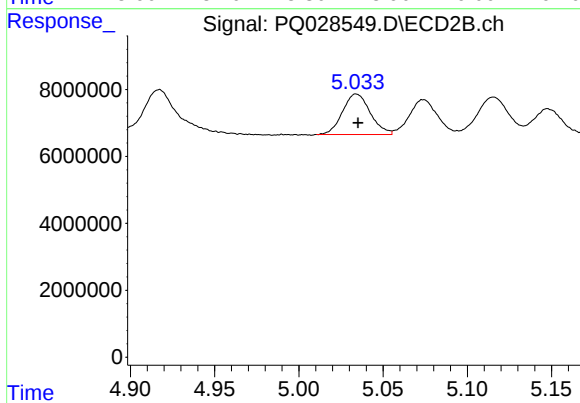
#17 AR-1242-2

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 33524336
Conc: 73.67 ng/ml



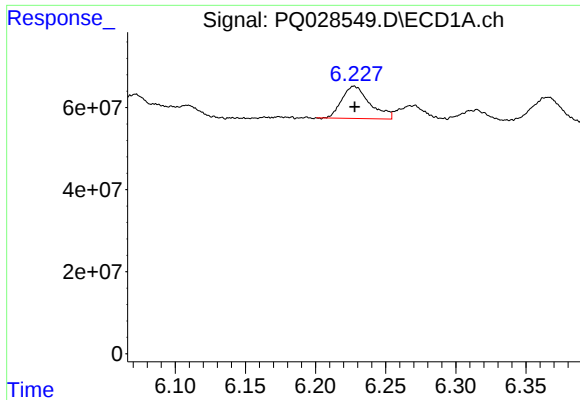
#18 AR-1242-3

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 136507742
Conc: 63.58 ng/ml



#18 AR-1242-3

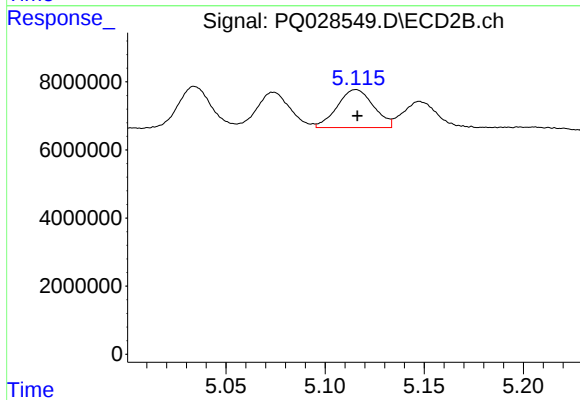
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 13866915
Conc: 66.78 ng/ml



#19 AR-1242-4

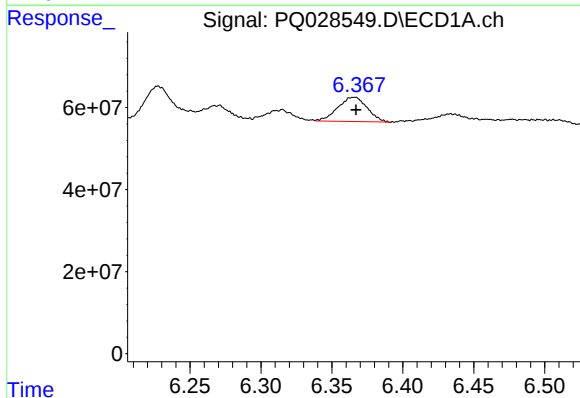
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 108892126
Conc: 61.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



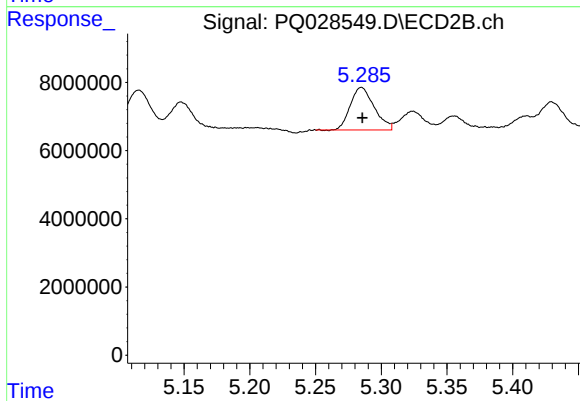
#19 AR-1242-4

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 14243084
Conc: 70.52 ng/ml



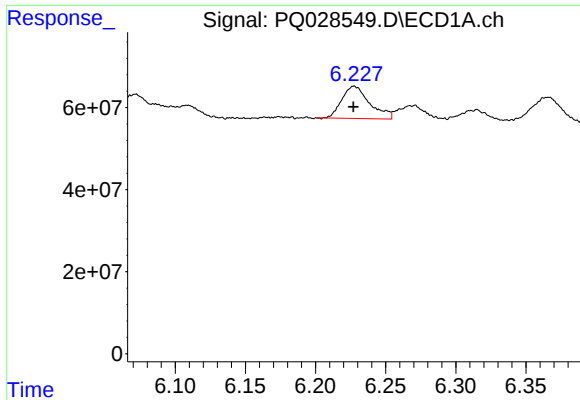
#20 AR-1242-5

R.T.: 6.366 min
Delta R.T.: -0.001 min
Response: 84944207
Conc: 43.75 ng/ml



#20 AR-1242-5

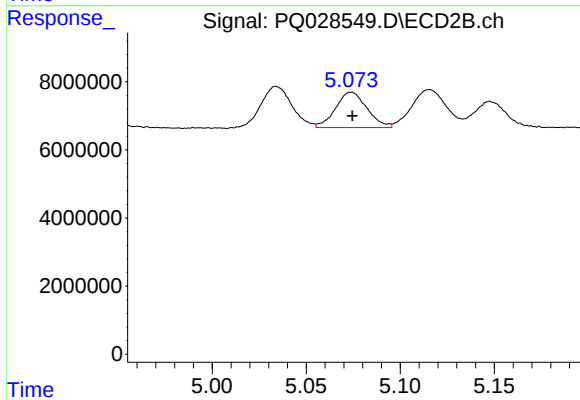
R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 15806524
Conc: 69.82 ng/ml



#21 AR-1248-1

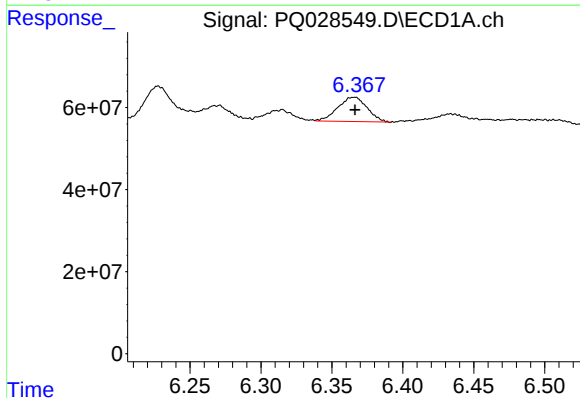
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 108892126
Conc: 34.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



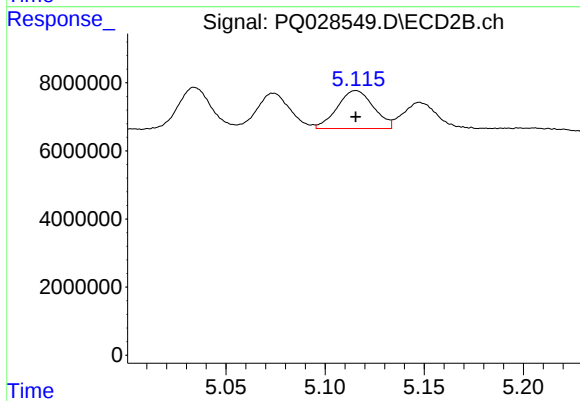
#21 AR-1248-1

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 12128145
Conc: 41.08 ng/ml



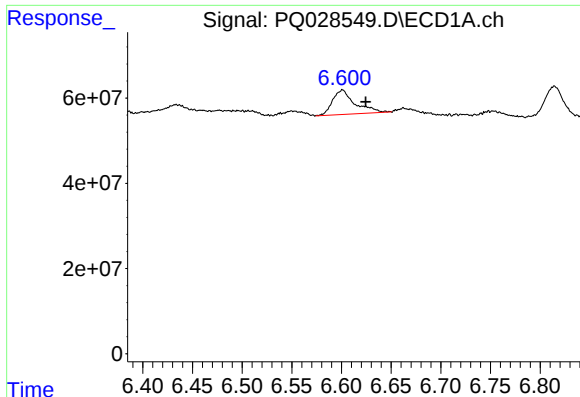
#22 AR-1248-2

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 84944207
Conc: 30.47 ng/ml



#22 AR-1248-2

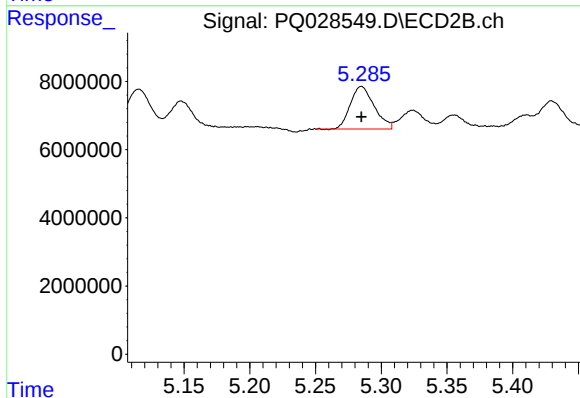
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 14243084
Conc: 46.26 ng/ml



#23 AR-1248-3

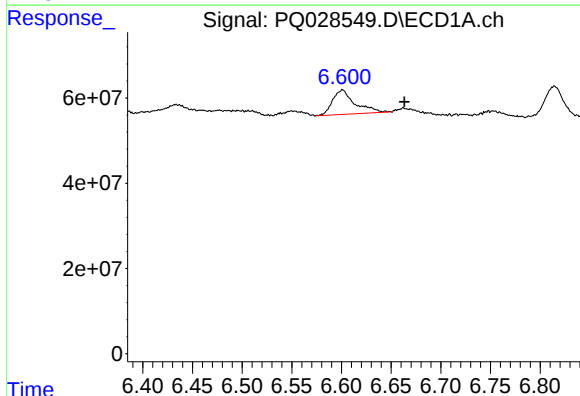
R.T.: 6.601 min
Delta R.T.: -0.023 min
Response: 89763564
Conc: 22.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



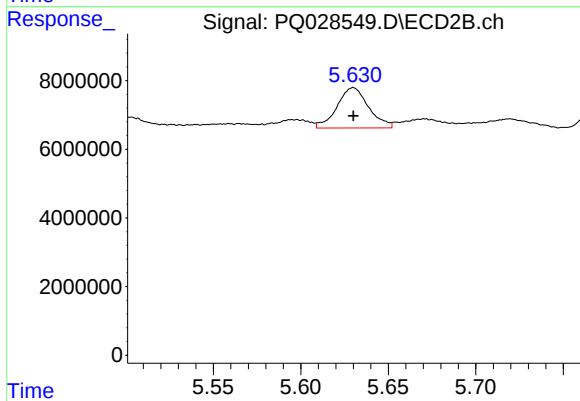
#23 AR-1248-3

R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 15806524
Conc: 40.49 ng/ml



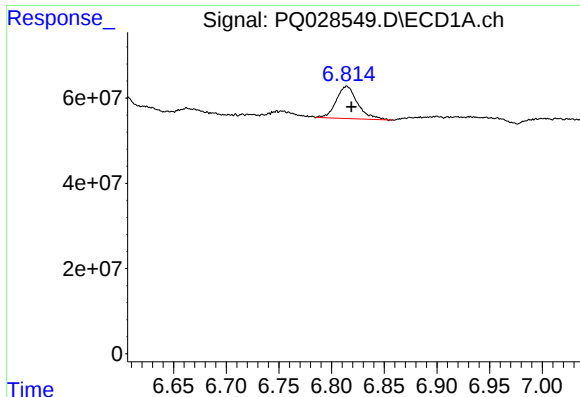
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: -0.062 min
Response: 89763564
Conc: 24.48 ng/ml



#24 AR-1248-4

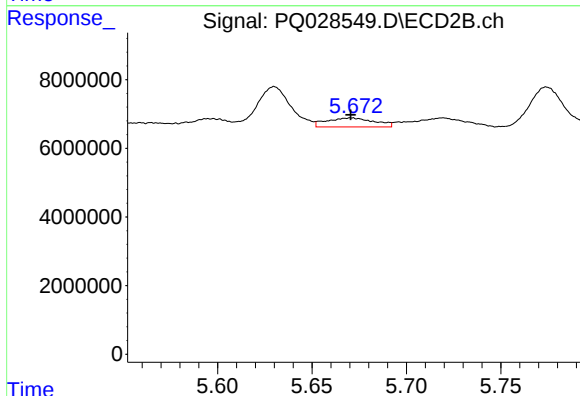
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 14764263
Conc: 26.29 ng/ml



#25 AR-1248-5

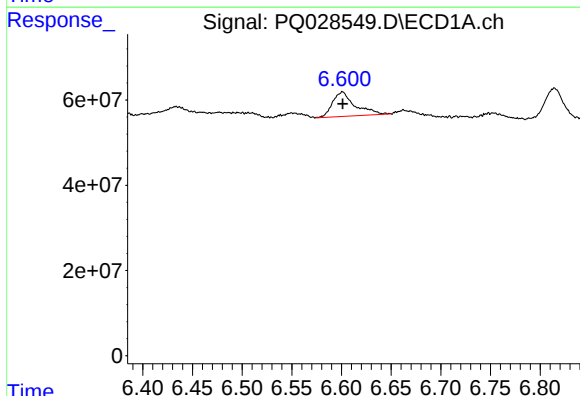
R.T.: 6.814 min
Delta R.T.: -0.004 min
Response: 107173466
Conc: 29.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



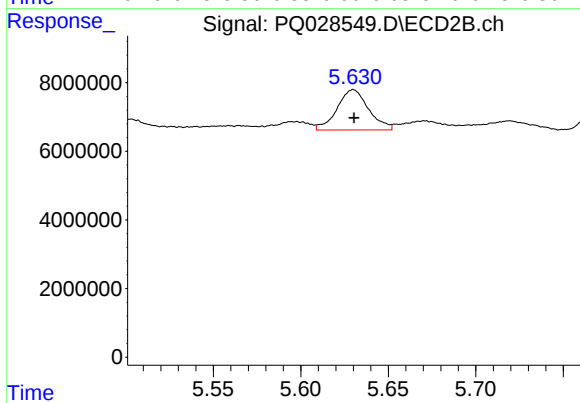
#25 AR-1248-5

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 4616064
Conc: 11.18 ng/ml



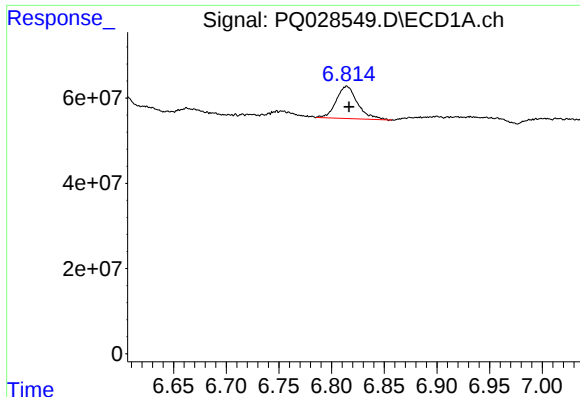
#26 AR-1254-1

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 89763564
Conc: 25.94 ng/ml



#26 AR-1254-1

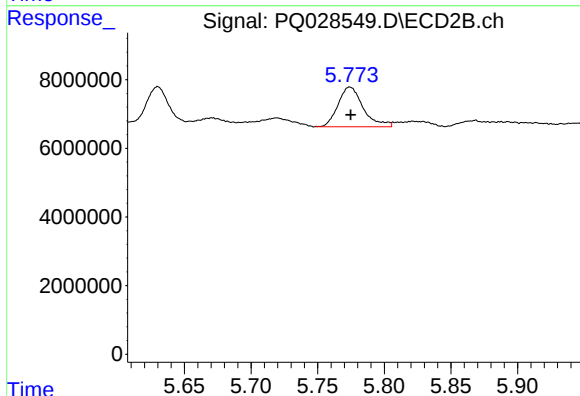
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 14764263
Conc: 27.53 ng/ml



#27 AR-1254-2

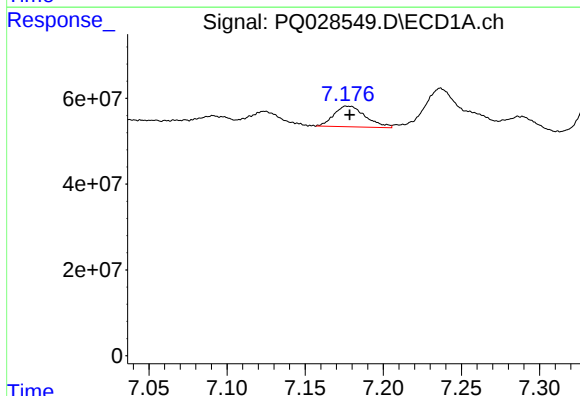
R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 107173466
Conc: 20.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



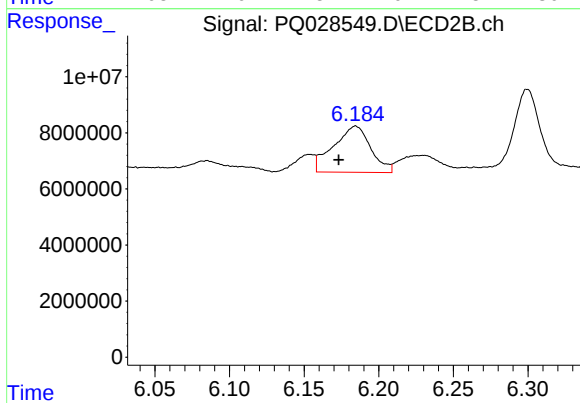
#27 AR-1254-2

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 15228545
Conc: 33.21 ng/ml



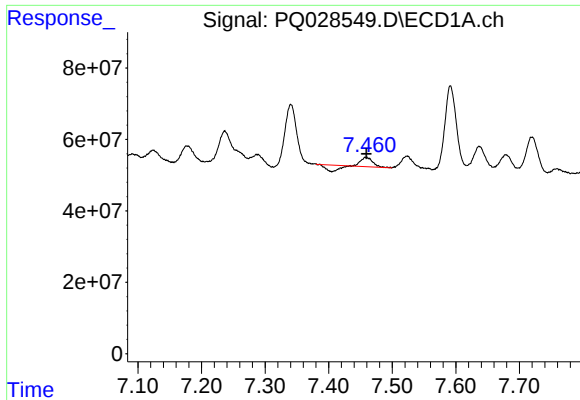
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: -0.001 min
Response: 67337627
Conc: 11.31 ng/ml



#28 AR-1254-3

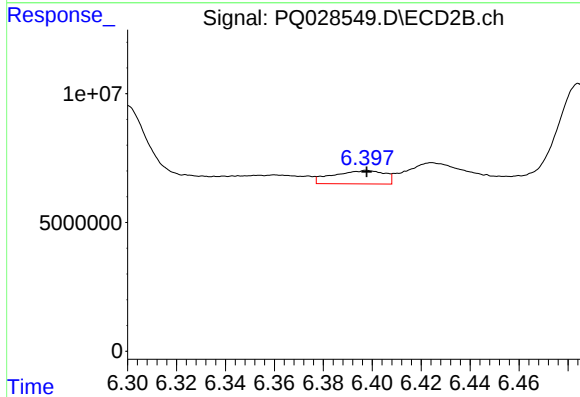
R.T.: 6.185 min
Delta R.T.: 0.011 min
Response: 28521445
Conc: 36.00 ng/ml



#29 AR-1254-4

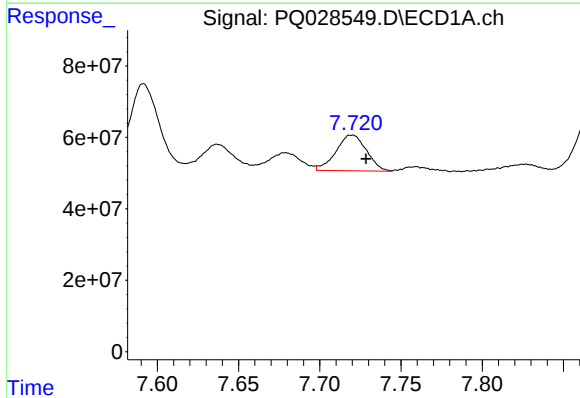
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 10713519
Conc: 2.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



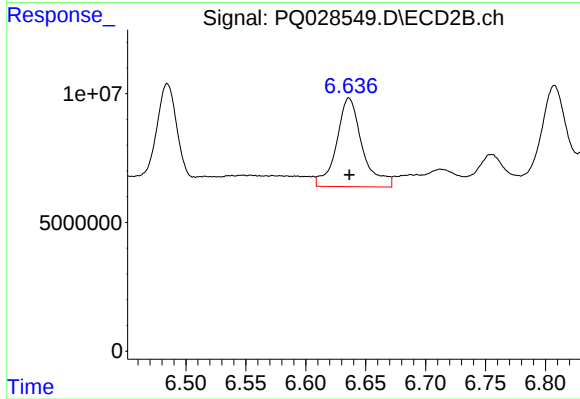
#29 AR-1254-4

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 7578765
Conc: 13.91 ng/ml



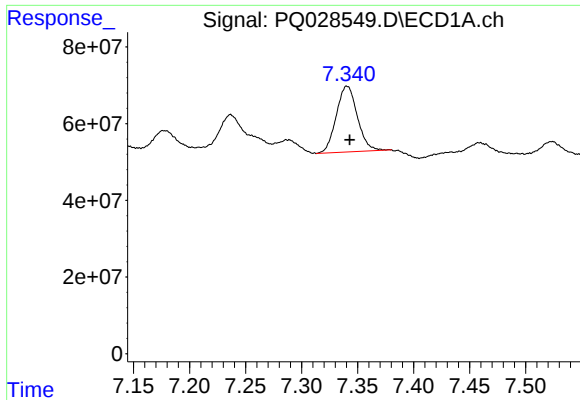
#30 AR-1254-5

R.T.: 7.720 min
Delta R.T.: -0.009 min
Response: 130829158
Conc: 40.48 ng/ml



#30 AR-1254-5

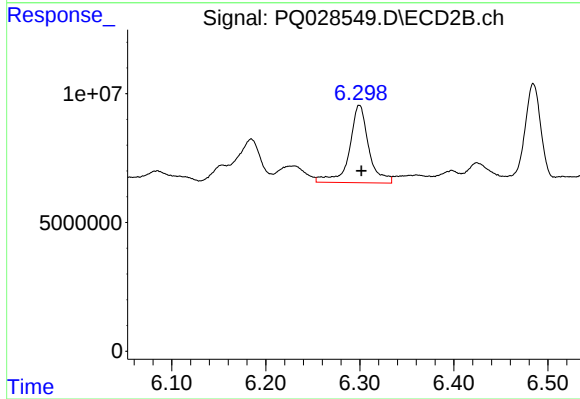
R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 51376814
Conc: 148.47 ng/ml



#31 AR-1260-1

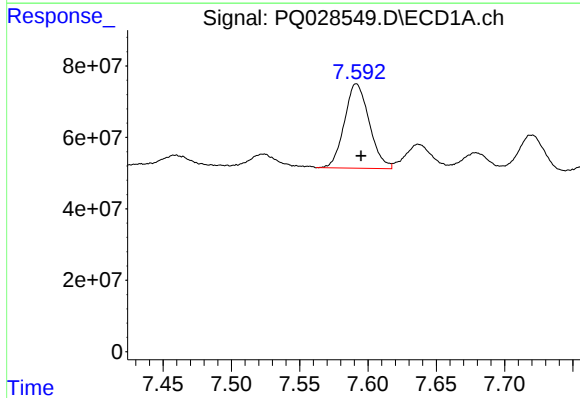
R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 222605624
Conc: 50.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



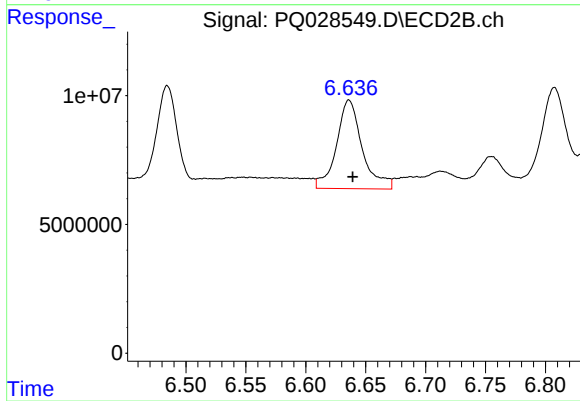
#31 AR-1260-1

R.T.: 6.300 min
Delta R.T.: -0.002 min
Response: 42998550
Conc: 69.72 ng/ml



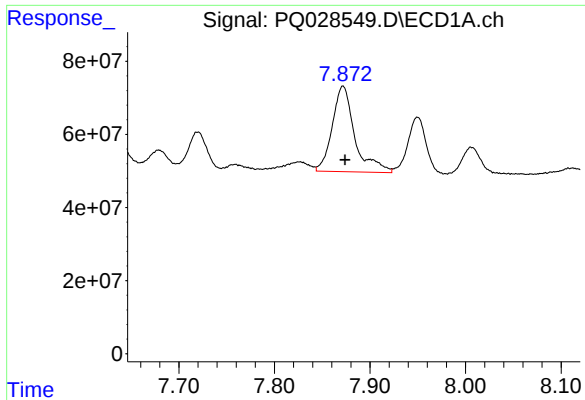
#32 AR-1260-2

R.T.: 7.591 min
Delta R.T.: -0.003 min
Response: 299166403
Conc: 49.25 ng/ml



#32 AR-1260-2

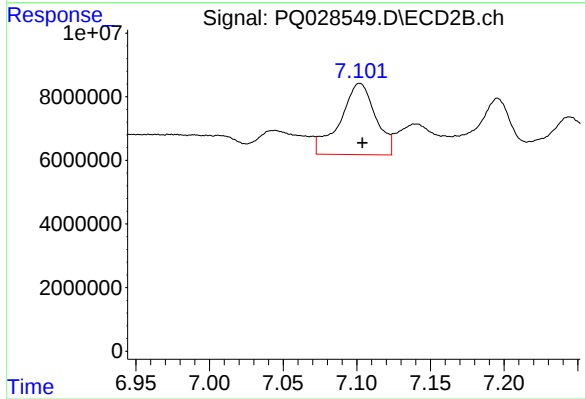
R.T.: 6.636 min
Delta R.T.: -0.003 min
Response: 51376814
Conc: 72.54 ng/ml



#33 AR-1260-3

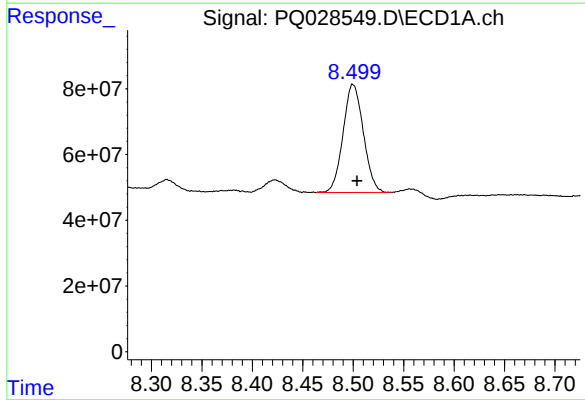
R.T.: 7.872 min
Delta R.T.: -0.002 min
Response: 382414770
Conc: 61.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



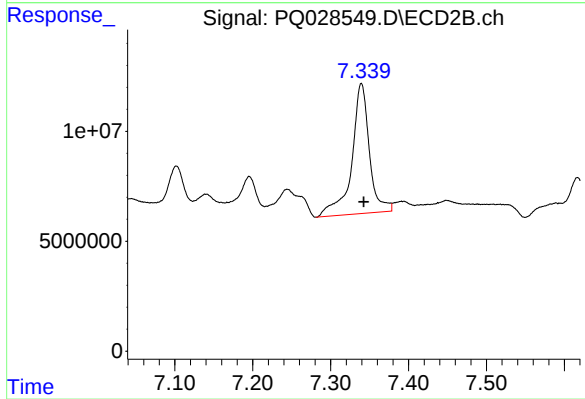
#33 AR-1260-3

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 37509582
Conc: 63.28 ng/ml



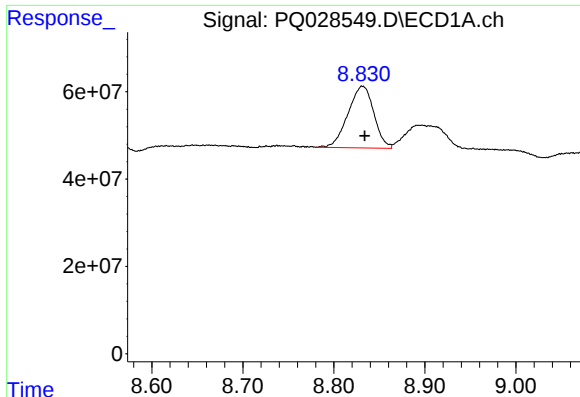
#34 AR-1260-4

R.T.: 8.500 min
Delta R.T.: -0.004 min
Response: 459963449
Conc: 47.73 ng/ml



#34 AR-1260-4

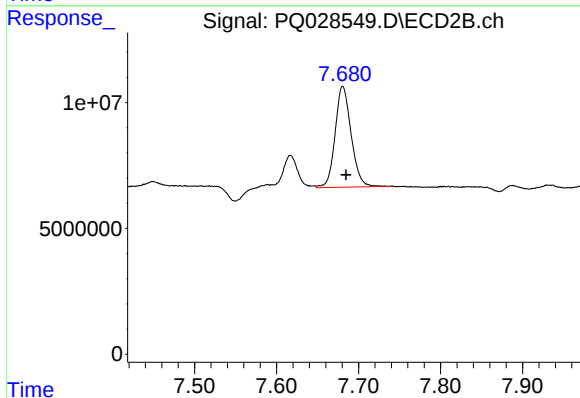
R.T.: 7.339 min
Delta R.T.: -0.003 min
Response: 93126782
Conc: 63.67 ng/ml



#35 AR-1260-5

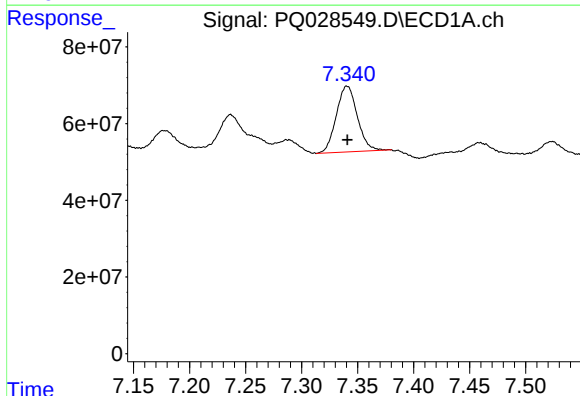
R.T.: 8.831 min
Delta R.T.: -0.002 min
Response: 279514125
Conc: 51.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



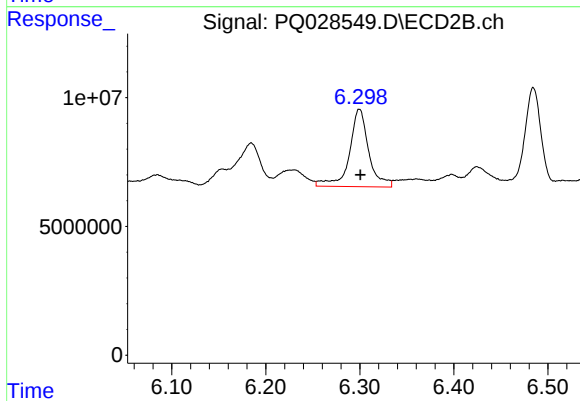
#35 AR-1260-5

R.T.: 7.681 min
Delta R.T.: -0.004 min
Response: 54303236
Conc: 51.69 ng/ml



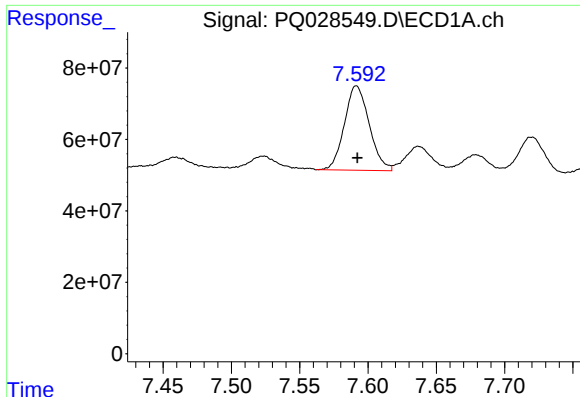
#36 AR-1262-1

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 222605624
Conc: 59.28 ng/ml



#36 AR-1262-1

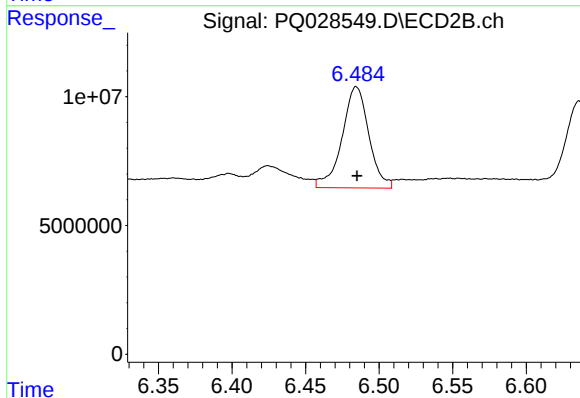
R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 42998550
Conc: 85.87 ng/ml



#37 AR-1262-2

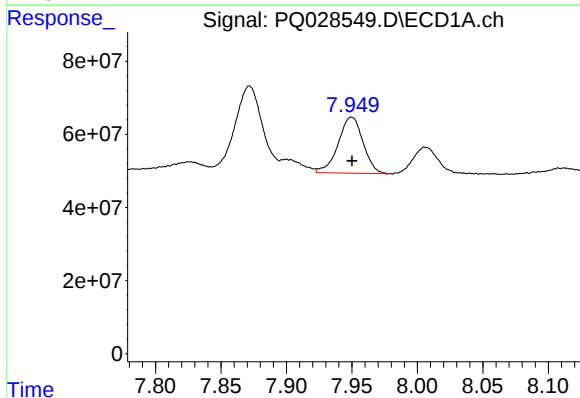
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 299166403
Conc: 57.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



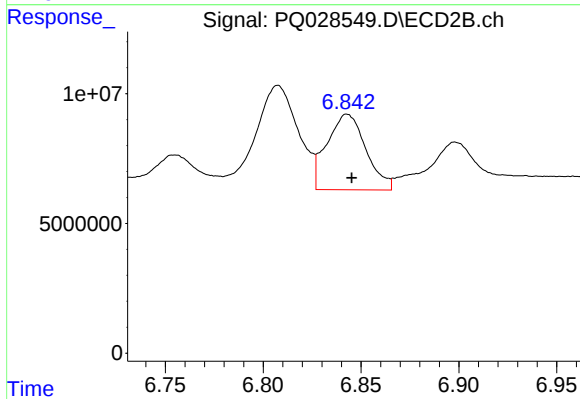
#37 AR-1262-2

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 49782202
Conc: 78.02 ng/ml



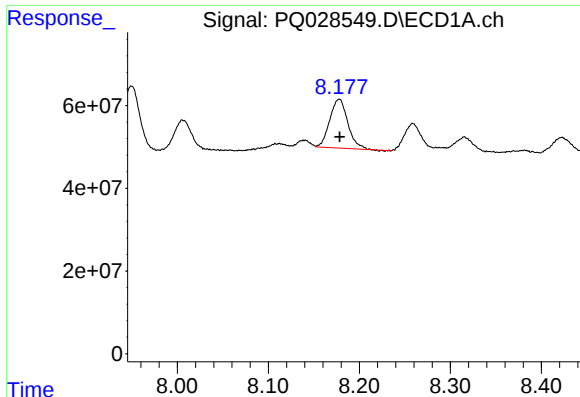
#38 AR-1262-3

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 202142138
Conc: 25.40 ng/ml



#38 AR-1262-3

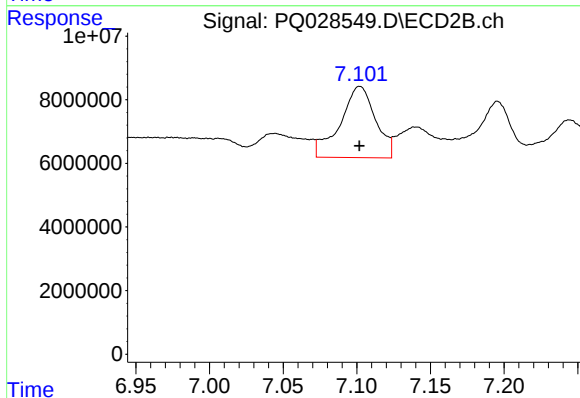
R.T.: 6.843 min
Delta R.T.: -0.002 min
Response: 40399387
Conc: 44.57 ng/ml



#39 AR-1262-4

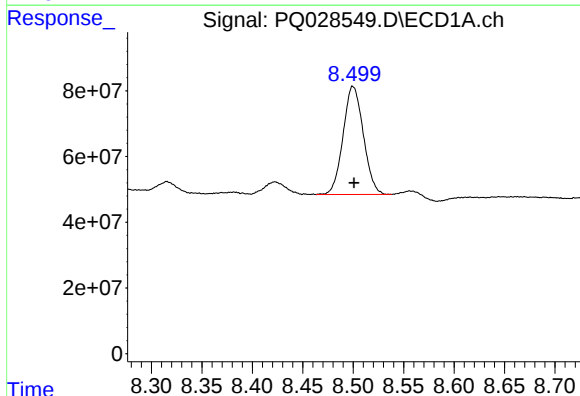
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 162190253
Conc: 28.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



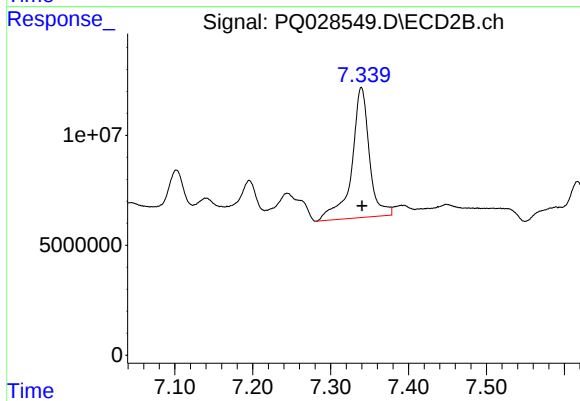
#39 AR-1262-4

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 37509582
Conc: 47.17 ng/ml



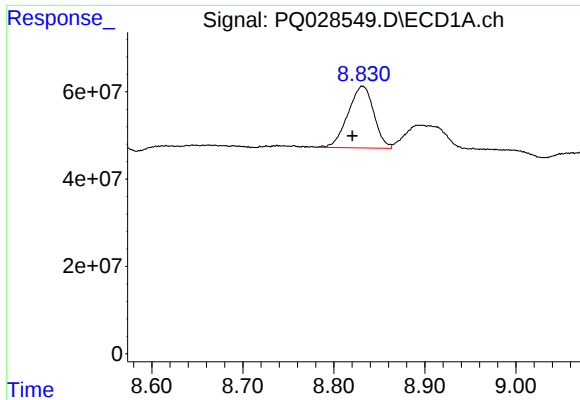
#40 AR-1262-5

R.T.: 8.500 min
Delta R.T.: -0.001 min
Response: 459963449
Conc: 35.01 ng/ml



#40 AR-1262-5

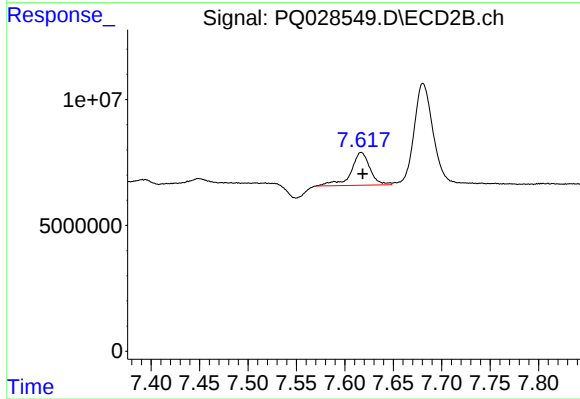
R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 93126782
Conc: 55.46 ng/ml



#41 AR-1268-1

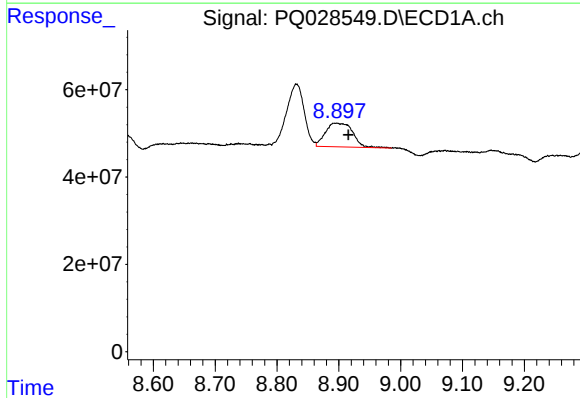
R.T.: 8.831 min
Delta R.T.: 0.011 min
Response: 279514125
Conc: 20.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



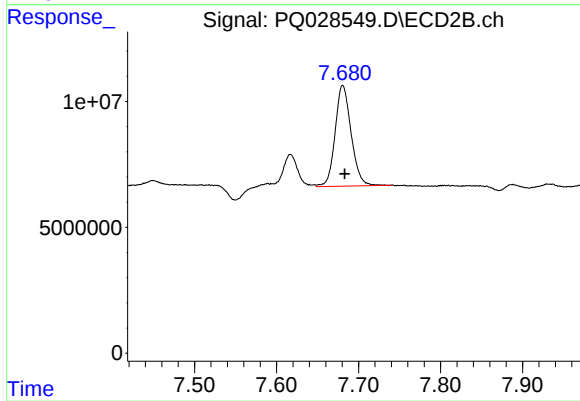
#41 AR-1268-1

R.T.: 7.617 min
Delta R.T.: -0.002 min
Response: 17896228
Conc: 9.86 ng/ml



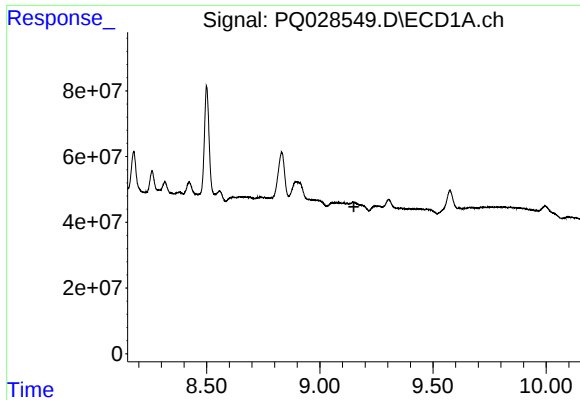
#42 AR-1268-2

R.T.: 8.897 min
Delta R.T.: -0.019 min
Response: 167621022
Conc: 14.28 ng/ml



#42 AR-1268-2

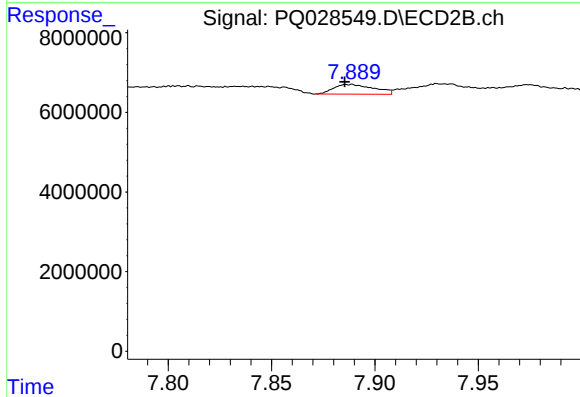
R.T.: 7.681 min
Delta R.T.: -0.002 min
Response: 54303236
Conc: 30.64 ng/ml



#43 AR-1268-3

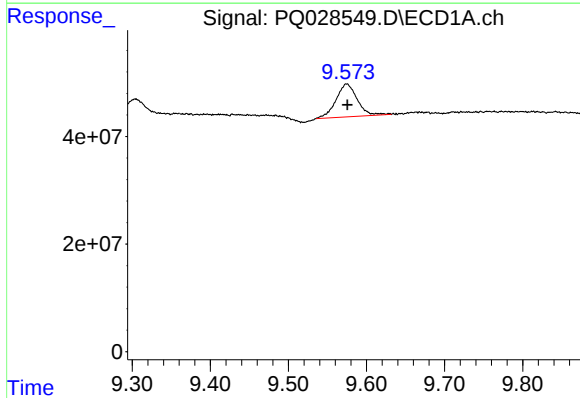
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



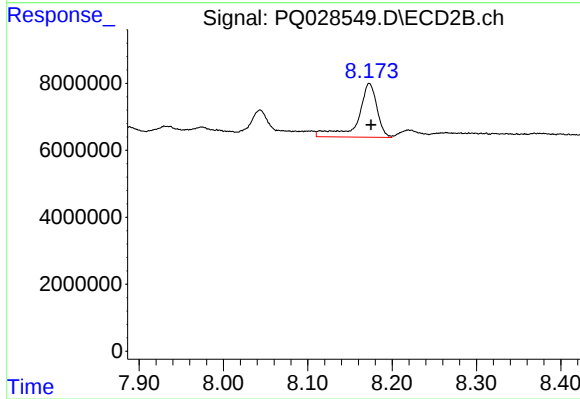
#43 AR-1268-3

R.T.: 7.888 min
Delta R.T.: 0.003 min
Response: 3288438
Conc: 2.39 ng/ml



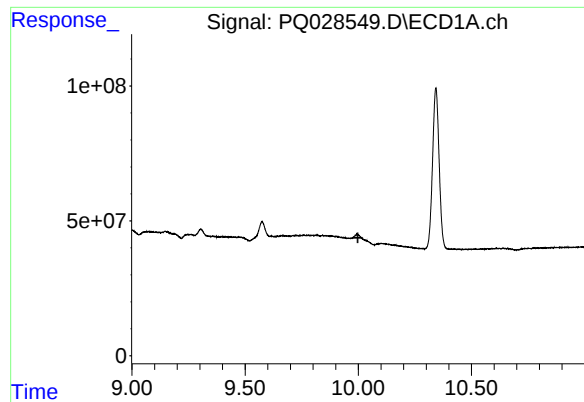
#44 AR-1268-4

R.T.: 9.575 min
Delta R.T.: -0.001 min
Response: 115609285
Conc: 31.01 ng/ml



#44 AR-1268-4

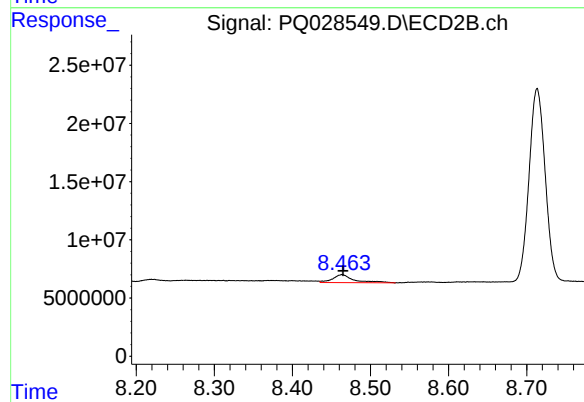
R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 25081276
Conc: 39.86 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.998 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.464 min
Delta R.T.: -0.001 min
Response: 13103134
Conc: 2.98 ng/ml