

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050622\
 Data File : PQ057464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2022 15:01
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 05:57:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 06 23:16:57 2022
 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...	4.525	3.738	591.0E6	228.9E6	17.295	17.212
2)	SA Decachlor...	10.289	8.660	1020.7E6	370.9E6	34.321	34.102
Target Compounds							
3)	L1 AR-1016-1	5.703	4.804	145.8E6	71383230	217.710	208.179
4)	L1 AR-1016-2	5.726	4.823	267.4E6	116.2E6	177.556	170.217
5)	L1 AR-1016-3	5.786	4.996	147.8E6	54068301	148.048	185.672 #
6)	L1 AR-1016-4	5.886	5.032	147.4E6	123.4E6	188.737	469.800 #
7)	L1 AR-1016-5	6.174	5.242	298.1E6	149.9E6	476.566	473.156
8)	L2 AR-1221-1	4.743	3.947	790075	963301	2.103	6.665 #
9)	L2 AR-1221-2	4.836	4.034	11055187	3605086	41.502	36.386
10)	L2 AR-1221-3	4.909	4.110	16405458	6246616	18.249	17.774
11)	L3 AR-1232-1	4.909	4.110	16405458	6246616	21.211	19.543
12)	L3 AR-1232-2	5.430	4.823	100.5E6	116.2E6	184.577	324.472 #
13)	L3 AR-1232-3	5.726	4.996	267.4E6	54068301	327.633	326.264
14)	L3 AR-1232-4	5.886	5.074	147.4E6	128.3E6	382.192	858.852 #
15)	L3 AR-1232-5	5.967	5.242	252.7E6	149.9E6	458.227	987.577 #
16)	L4 AR-1242-1	5.703	4.804	145.8E6	71383230	246.947	236.527
17)	L4 AR-1242-2	5.726	4.823	267.4E6	116.2E6	202.188	189.052
18)	L4 AR-1242-3	5.786	4.996	147.8E6	54068301	158.654	203.239 #
19)	L4 AR-1242-4	5.886	5.074	147.4E6	128.3E6	211.908	466.167 #
20)	L4 AR-1242-5	6.620	5.589	357.8E6	219.0E6	516.404	617.402
21)	L5 AR-1248-1	5.703	4.804	145.8E6	71383230	324.528	313.101
22)	L5 AR-1248-2	5.967	5.032	252.7E6	123.4E6	318.465	312.422
23)	L5 AR-1248-3	6.174	5.074	298.1E6	128.3E6	319.285	313.740
24)	L5 AR-1248-4	6.581	5.242	320.9E6	149.9E6	314.021	311.626
25)	L5 AR-1248-5	6.620	5.633	357.8E6	191.5E6	315.244	383.738
26)	L6 AR-1254-1	6.551	5.589	222.9E6	219.0E6	250.262	287.839
27)	L6 AR-1254-2	6.777	5.733	326.2E6	60967857	232.450	99.120 #
28)	L6 AR-1254-3	7.136	6.130	193.4E6	96533532	115.460	93.430
29)	L6 AR-1254-4	7.424	6.358	114.1E6	66231372	103.659	87.217
30)	L6 AR-1254-5	7.838	6.765	28263025	19705618	22.687	21.119
31)	L7 AR-1260-1	7.263	6.273	85058557	43809893	85.414	73.994
32)	L7 AR-1260-2	7.549	6.442	34339835	8400796	28.894	11.635 #
33)	L7 AR-1260-3	7.838	6.591	28263025	14498739	19.723	19.755
34)	L7 AR-1260-4	8.133	7.057	13469086	1550697	12.533	2.722 #
35)	L7 AR-1260-5	8.463	7.295	12378073	7797807	5.506	5.593
36)	L8 AR-1262-1	7.899	6.765	5822653	19705618	4.145	41.898 #
37)	L8 AR-1262-2	8.463	7.295	12378073	7797807	4.459	4.360
38)	L8 AR-1262-3	8.803	7.575	8025191	2452846	6.194	3.401 #
39)	L8 AR-1262-4	8.873	7.638	3246555	3940520	3.139	3.034
40)	L8 AR-1262-5	9.538	8.129	1473602	793304	1.217	1.400
41)	L9 AR-1268-1	8.803	7.575	8025191	2452846	2.374	1.224 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050622\
 Data File : PQ057464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2022 15:01
 Operator : YP\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

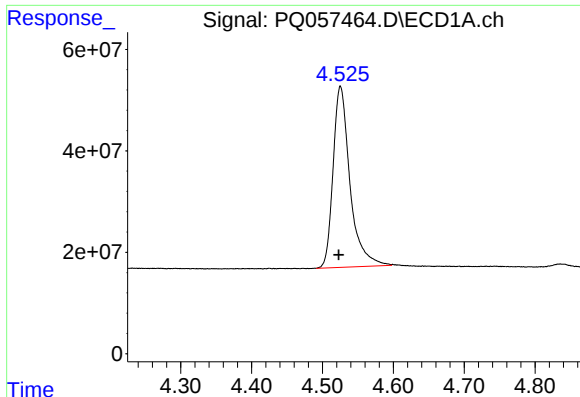
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 05:57:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050522CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 06 23:16:57 2022
 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
42) L9	AR-1268-2	8.873	7.638	3246555	3940520	0.880	2.152 #
43) L9	AR-1268-3	9.099	7.846	2283014	810829	0.720	0.533 #
44) L9	AR-1268-4	9.538	8.129	1473602	793304	1.122	1.273
45) L9	AR-1268-5	9.956	8.415	9373678	2739838	0.828	0.568 #

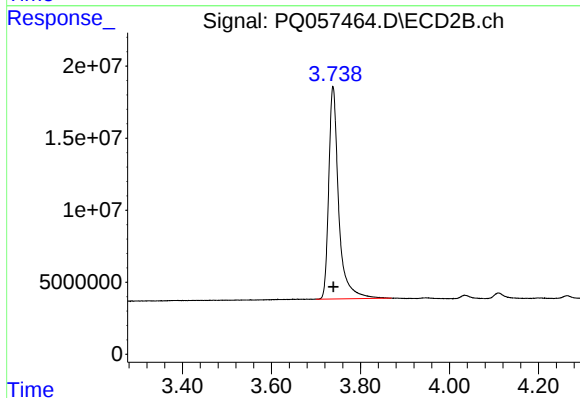
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

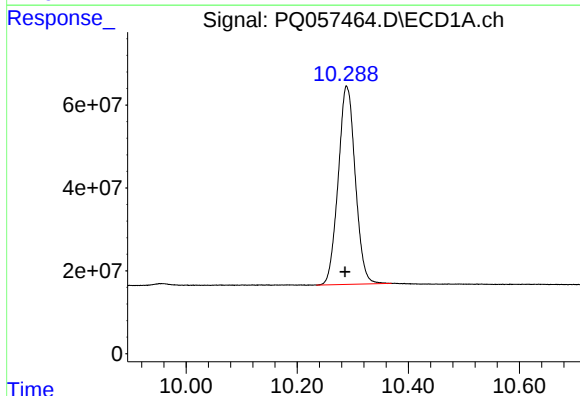
R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 590958488
Conc: 17.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



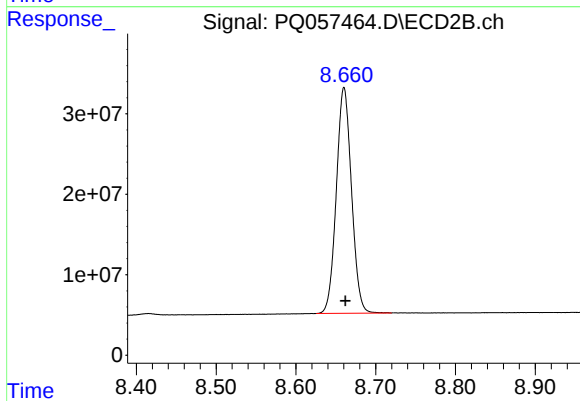
#1 Tetrachloro-m-xylene

R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 228930438
Conc: 17.21 ng/ml



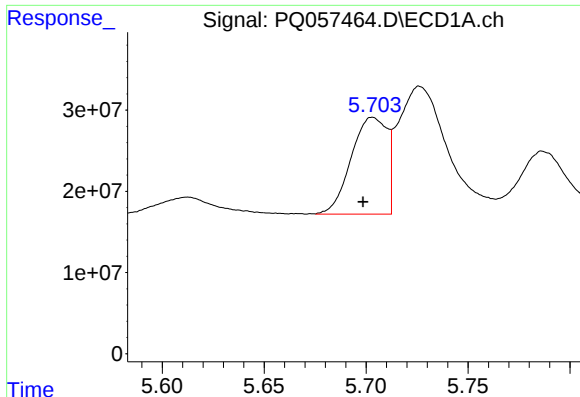
#2 Decachlorobiphenyl

R.T.: 10.289 min
Delta R.T.: 0.003 min
Response: 1020668272
Conc: 34.32 ng/ml



#2 Decachlorobiphenyl

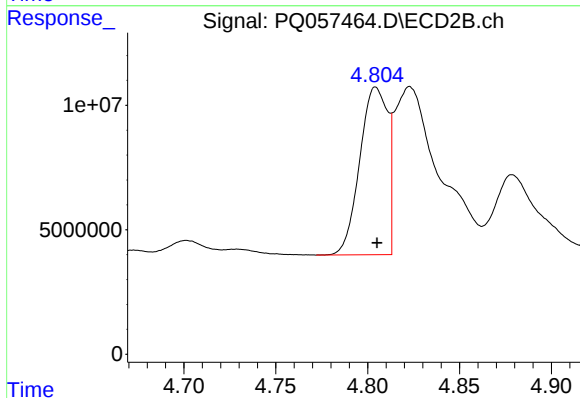
R.T.: 8.660 min
Delta R.T.: -0.002 min
Response: 370933000
Conc: 34.10 ng/ml



#3 AR-1016-1

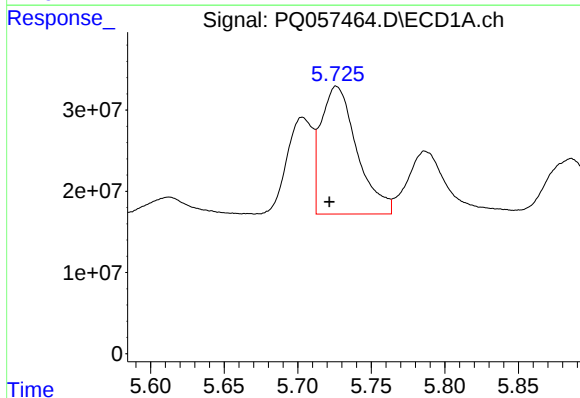
R.T.: 5.703 min
Delta R.T.: 0.005 min
Response: 145781115
Conc: 217.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



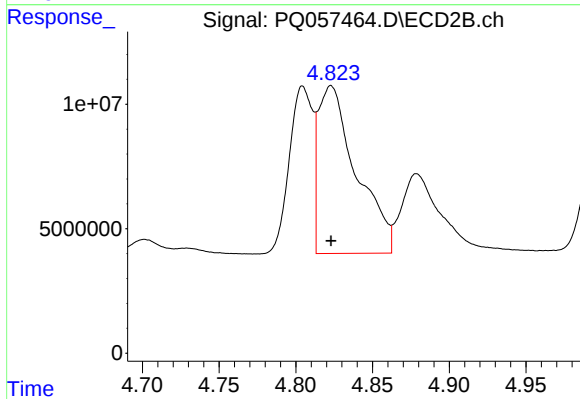
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 71383230
Conc: 208.18 ng/ml



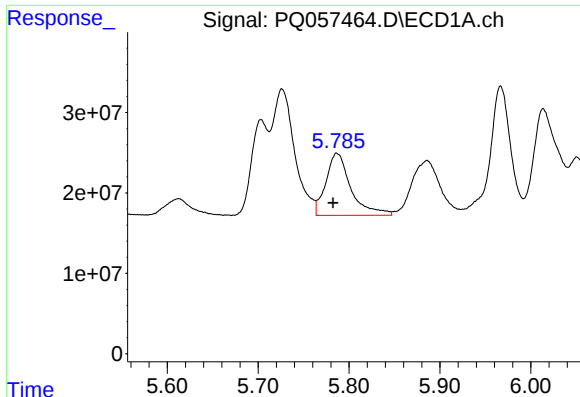
#4 AR-1016-2

R.T.: 5.726 min
Delta R.T.: 0.004 min
Response: 267424909
Conc: 177.56 ng/ml



#4 AR-1016-2

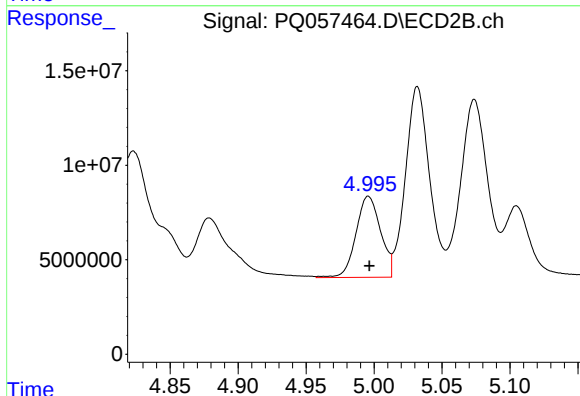
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 116212331
Conc: 170.22 ng/ml



#5 AR-1016-3

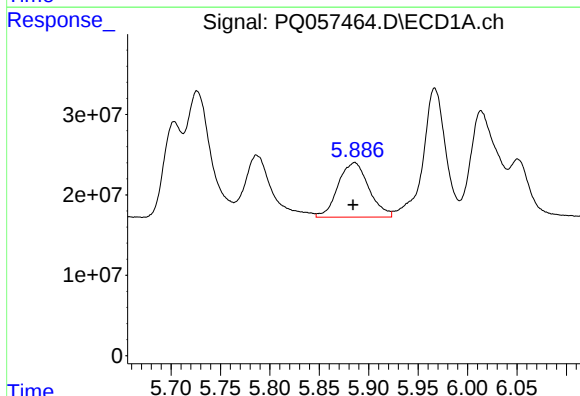
R.T.: 5.786 min
Delta R.T.: 0.004 min
Response: 147786253
Conc: 148.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



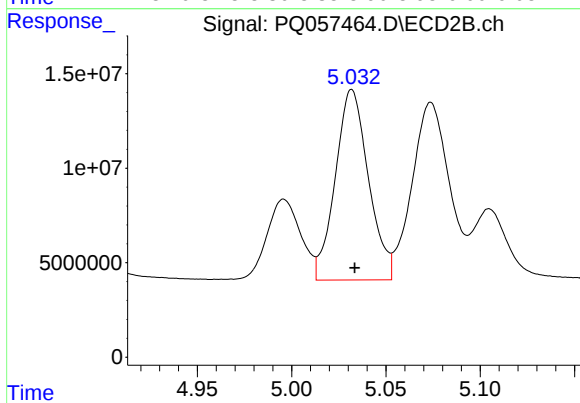
#5 AR-1016-3

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 54068301
Conc: 185.67 ng/ml



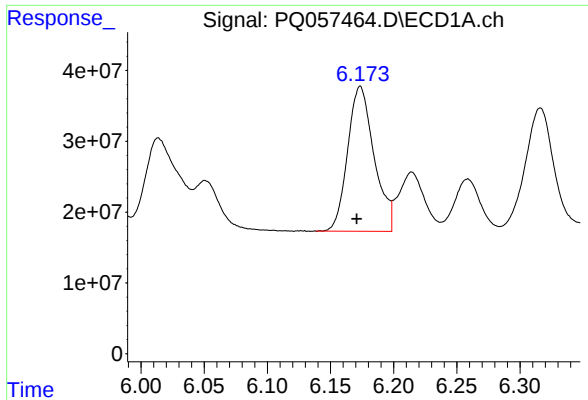
#6 AR-1016-4

R.T.: 5.886 min
Delta R.T.: 0.002 min
Response: 147351874
Conc: 188.74 ng/ml



#6 AR-1016-4

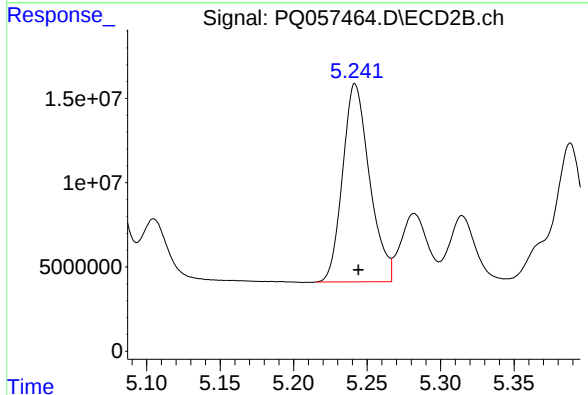
R.T.: 5.032 min
Delta R.T.: -0.002 min
Response: 123369573
Conc: 469.80 ng/ml



#7 AR-1016-5

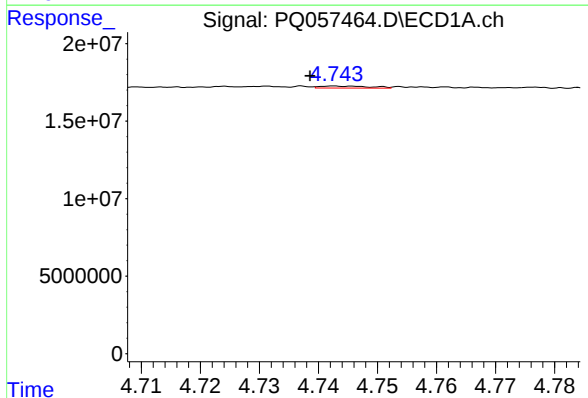
R.T.: 6.174 min
Delta R.T.: 0.003 min
Response: 298139345
Conc: 476.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



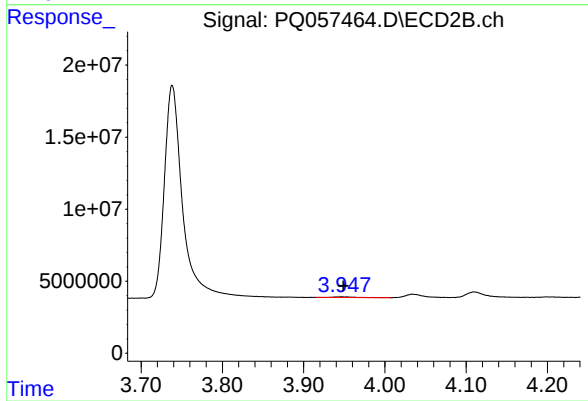
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 149908913
Conc: 473.16 ng/ml



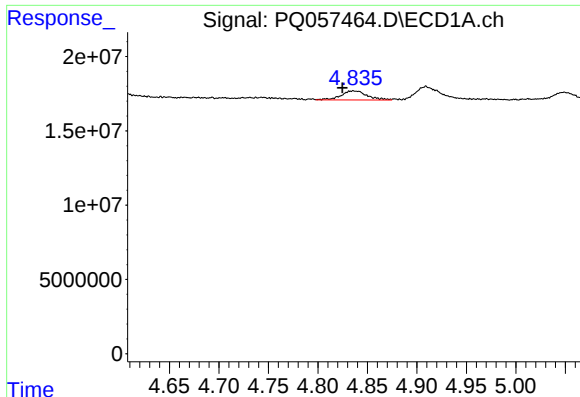
#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: 0.004 min
Response: 790075
Conc: 2.10 ng/ml



#8 AR-1221-1

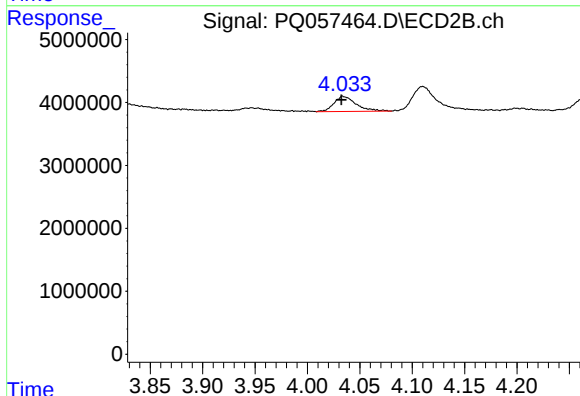
R.T.: 3.947 min
Delta R.T.: -0.002 min
Response: 963301
Conc: 6.67 ng/ml



#9 AR-1221-2

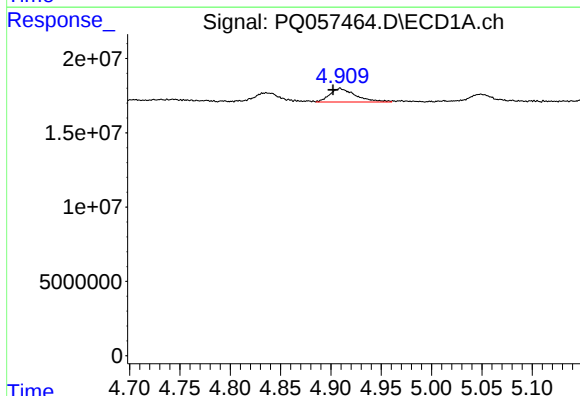
R.T.: 4.836 min
Delta R.T.: 0.011 min
Response: 11055187
Conc: 41.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



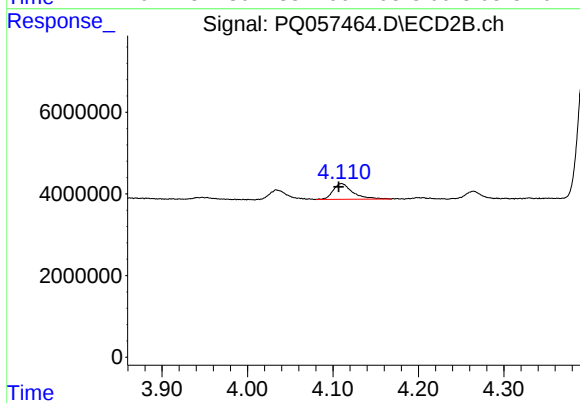
#9 AR-1221-2

R.T.: 4.034 min
Delta R.T.: 0.001 min
Response: 3605086
Conc: 36.39 ng/ml



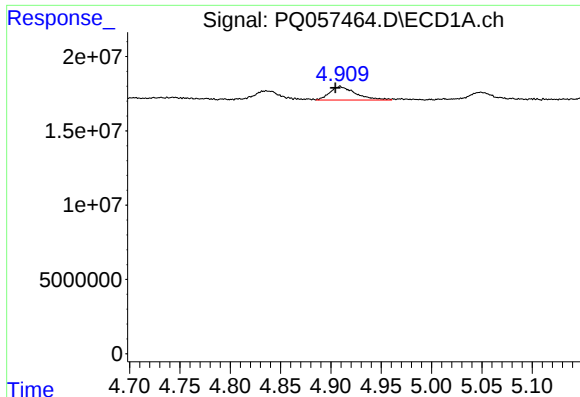
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.007 min
Response: 16405458
Conc: 18.25 ng/ml



#10 AR-1221-3

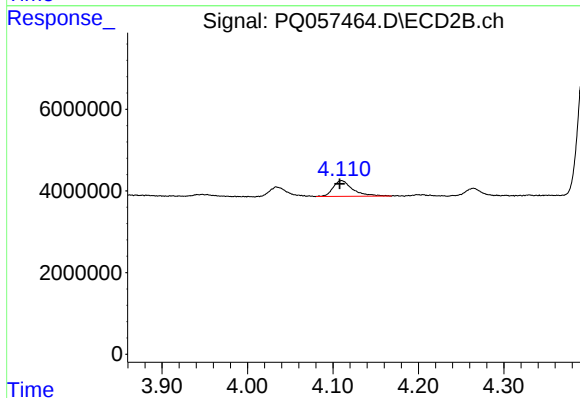
R.T.: 4.110 min
Delta R.T.: 0.003 min
Response: 6246616
Conc: 17.77 ng/ml



#11 AR-1232-1

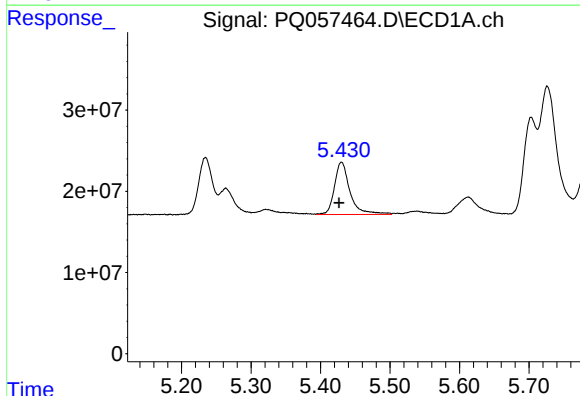
R.T.: 4.909 min
Delta R.T.: 0.005 min
Response: 16405458
Conc: 21.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



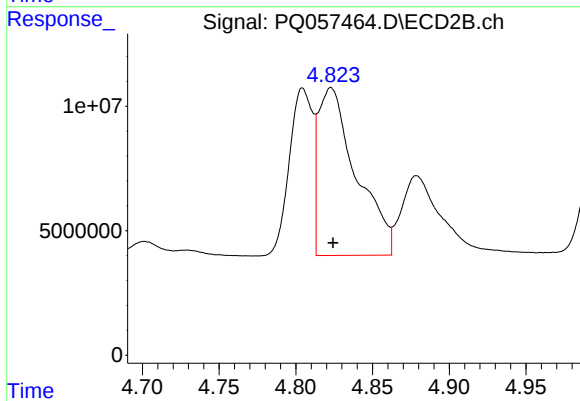
#11 AR-1232-1

R.T.: 4.110 min
Delta R.T.: 0.002 min
Response: 6246616
Conc: 19.54 ng/ml



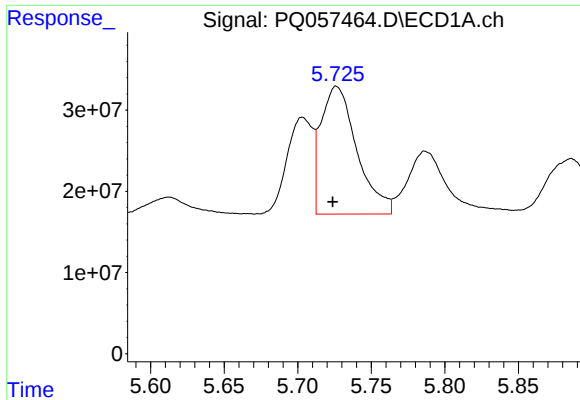
#12 AR-1232-2

R.T.: 5.430 min
Delta R.T.: 0.003 min
Response: 100541438
Conc: 184.58 ng/ml



#12 AR-1232-2

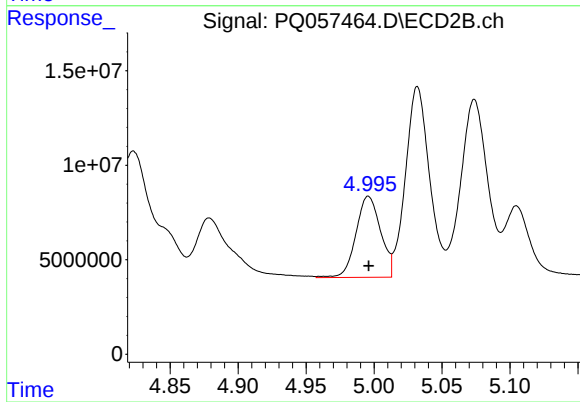
R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 116212331
Conc: 324.47 ng/ml



#13 AR-1232-3

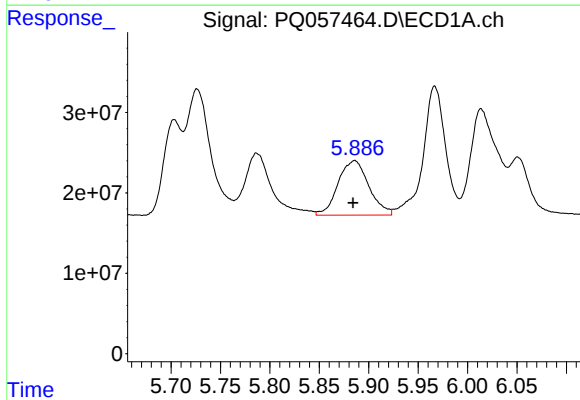
R.T.: 5.726 min
Delta R.T.: 0.002 min
Response: 267424909
Conc: 327.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



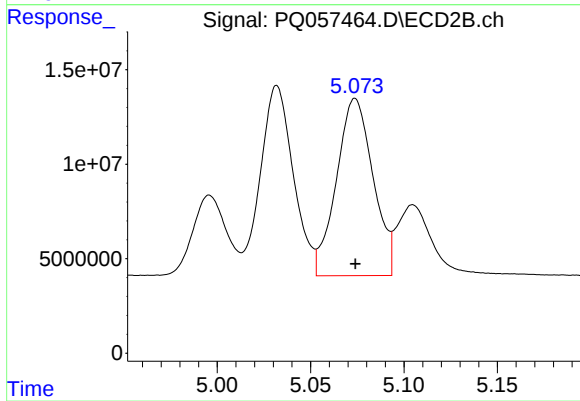
#13 AR-1232-3

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 54068301
Conc: 326.26 ng/ml



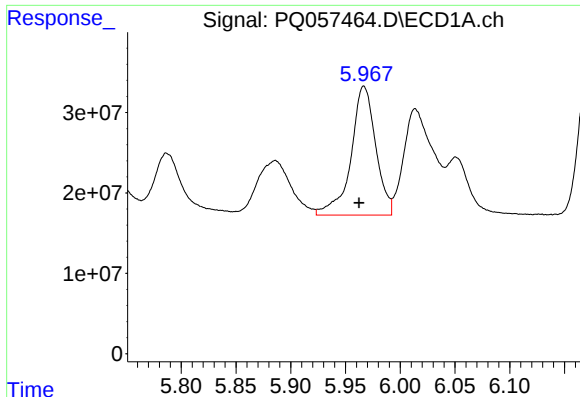
#14 AR-1232-4

R.T.: 5.886 min
Delta R.T.: 0.002 min
Response: 147351874
Conc: 382.19 ng/ml



#14 AR-1232-4

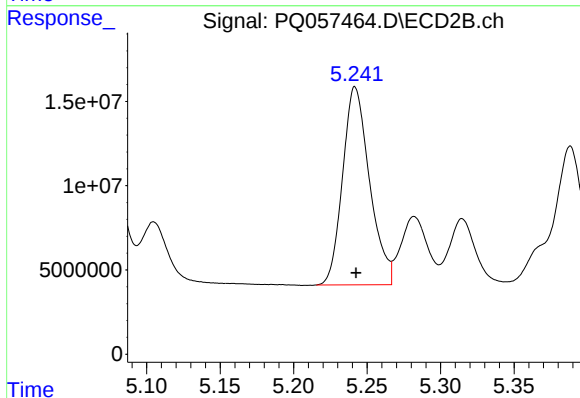
R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 128334579
Conc: 858.85 ng/ml



#15 AR-1232-5

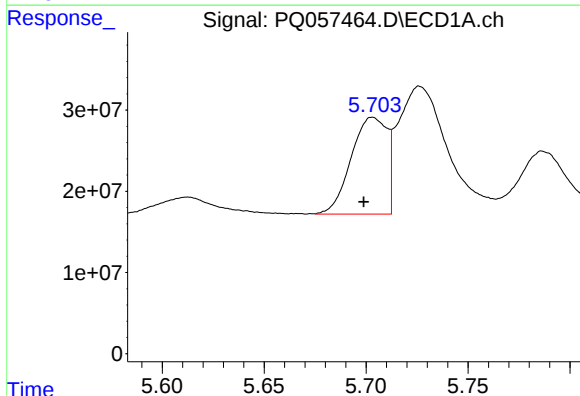
R.T.: 5.967 min
Delta R.T.: 0.004 min
Response: 252698832
Conc: 458.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



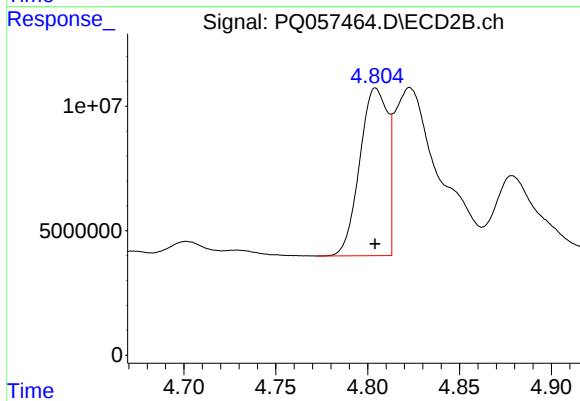
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 149908913
Conc: 987.58 ng/ml



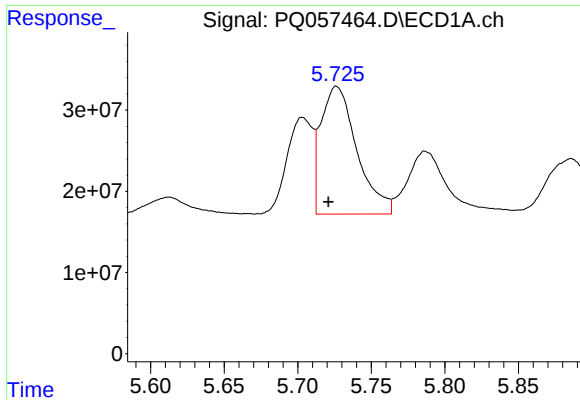
#16 AR-1242-1

R.T.: 5.703 min
Delta R.T.: 0.004 min
Response: 145781115
Conc: 246.95 ng/ml



#16 AR-1242-1

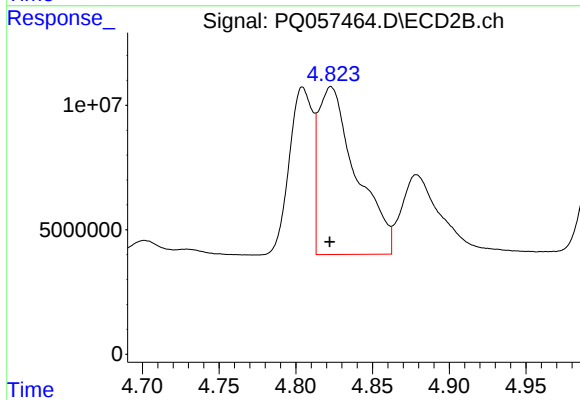
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 71383230
Conc: 236.53 ng/ml



#17 AR-1242-2

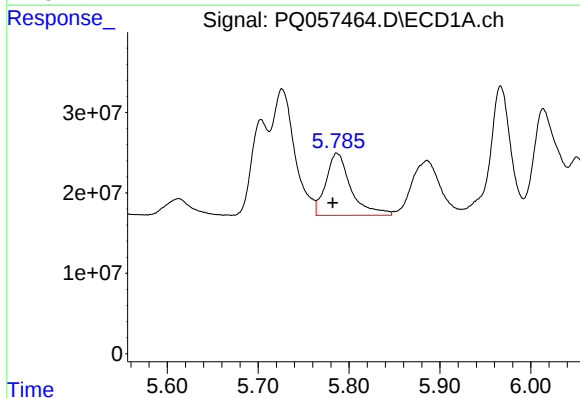
R.T.: 5.726 min
Delta R.T.: 0.005 min
Response: 267424909
Conc: 202.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



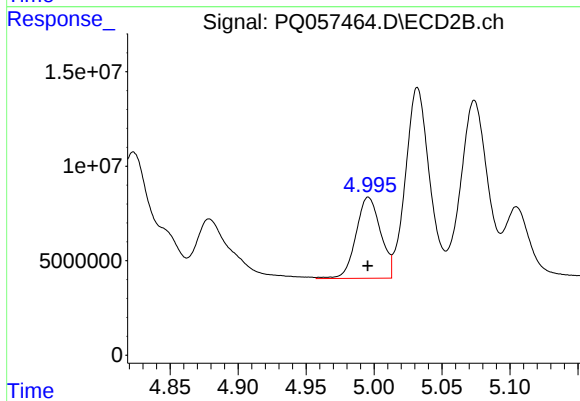
#17 AR-1242-2

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 116212331
Conc: 189.05 ng/ml



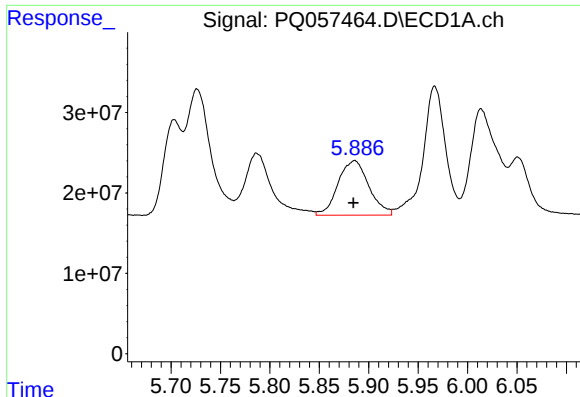
#18 AR-1242-3

R.T.: 5.786 min
Delta R.T.: 0.004 min
Response: 147786253
Conc: 158.65 ng/ml



#18 AR-1242-3

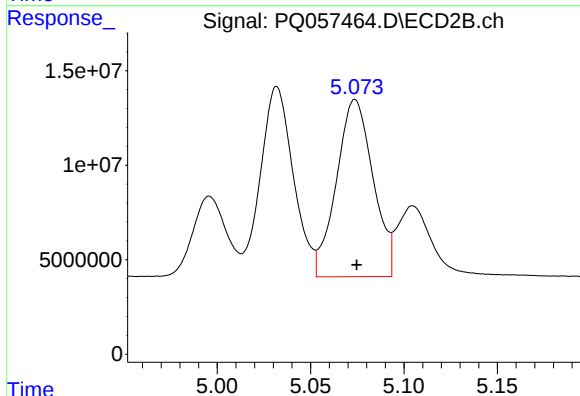
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 54068301
Conc: 203.24 ng/ml



#19 AR-1242-4

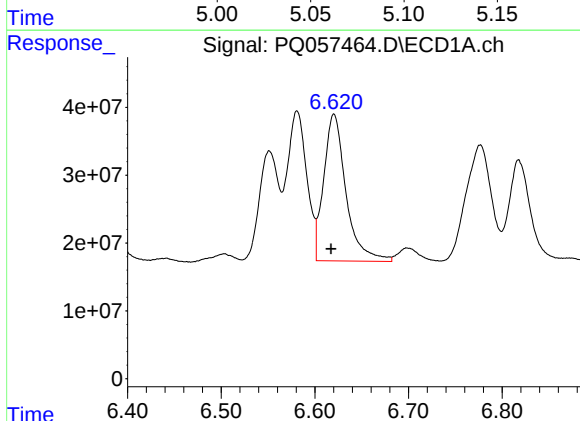
R.T.: 5.886 min
Delta R.T.: 0.001 min
Response: 147351874
Conc: 211.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



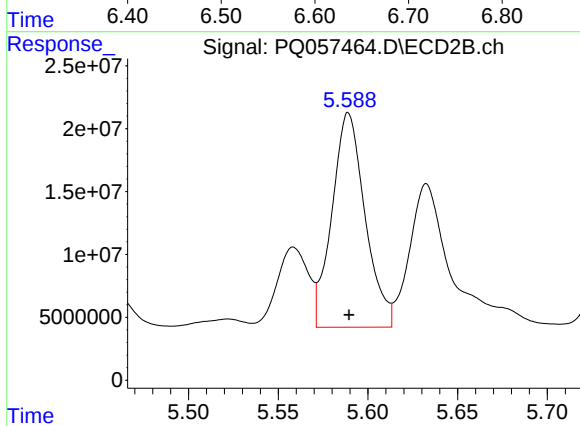
#19 AR-1242-4

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 128334579
Conc: 466.17 ng/ml



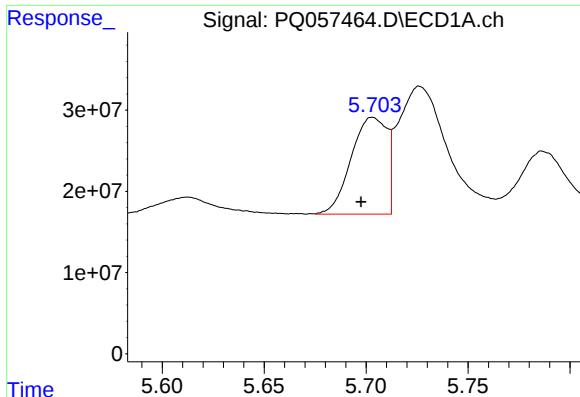
#20 AR-1242-5

R.T.: 6.620 min
Delta R.T.: 0.003 min
Response: 357819363
Conc: 516.40 ng/ml



#20 AR-1242-5

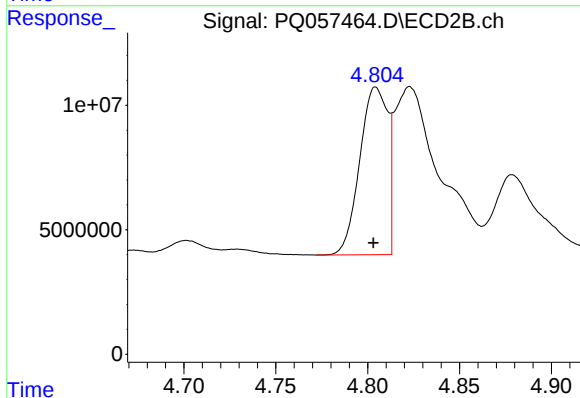
R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 219007663
Conc: 617.40 ng/ml



#21 AR-1248-1

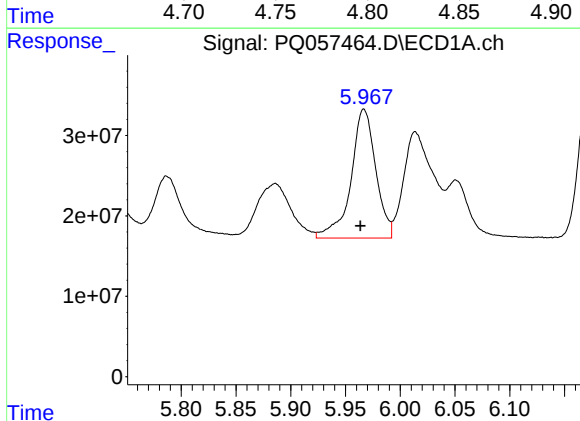
R.T.: 5.703 min
Delta R.T.: 0.006 min
Response: 145781115
Conc: 324.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



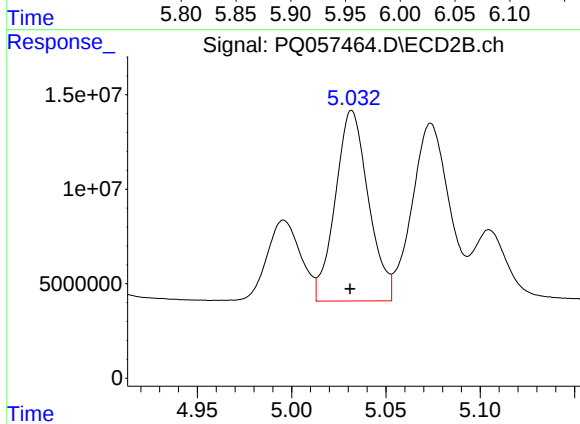
#21 AR-1248-1

R.T.: 4.804 min
Delta R.T.: 0.001 min
Response: 71383230
Conc: 313.10 ng/ml



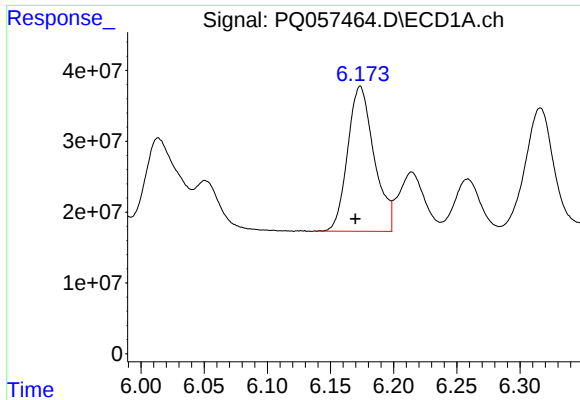
#22 AR-1248-2

R.T.: 5.967 min
Delta R.T.: 0.003 min
Response: 252698832
Conc: 318.47 ng/ml



#22 AR-1248-2

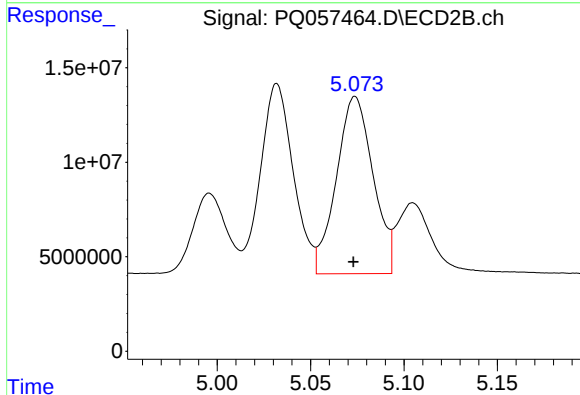
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 123369573
Conc: 312.42 ng/ml



#23 AR-1248-3

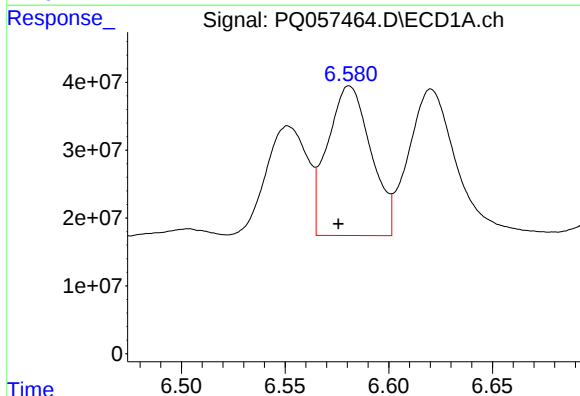
R.T.: 6.174 min
Delta R.T.: 0.004 min
Response: 298139345
Conc: 319.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



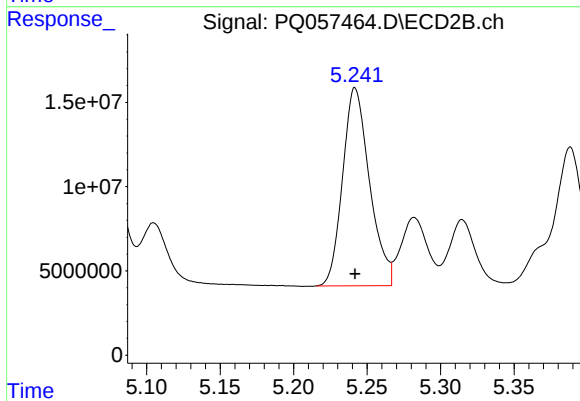
#23 AR-1248-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 128334579
Conc: 313.74 ng/ml



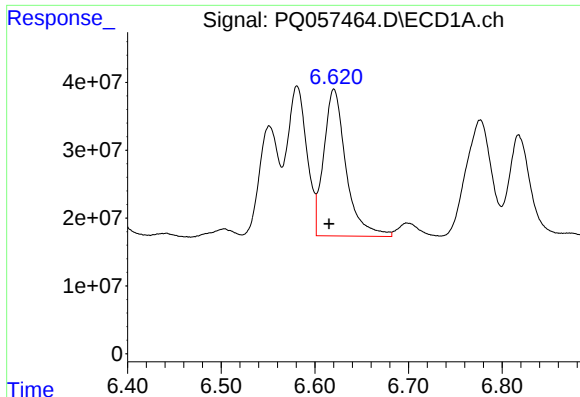
#24 AR-1248-4

R.T.: 6.581 min
Delta R.T.: 0.005 min
Response: 320890642
Conc: 314.02 ng/ml



#24 AR-1248-4

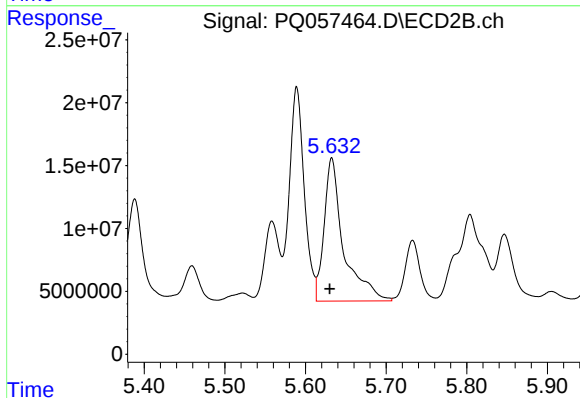
R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 149908913
Conc: 311.63 ng/ml



#25 AR-1248-5

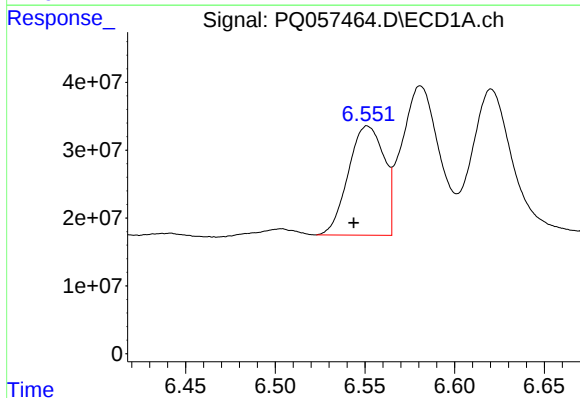
R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 357819363
Conc: 315.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



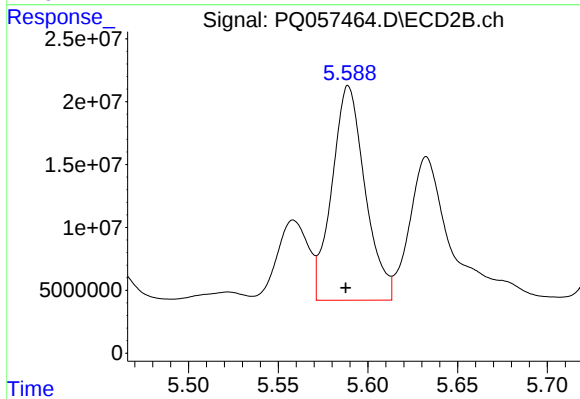
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: 0.003 min
Response: 191537434
Conc: 383.74 ng/ml



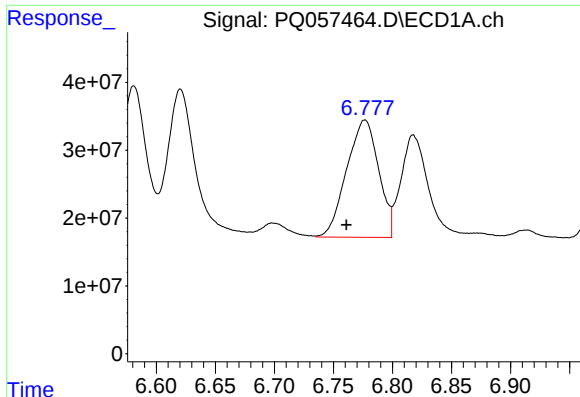
#26 AR-1254-1

R.T.: 6.551 min
Delta R.T.: 0.008 min
Response: 222873314
Conc: 250.26 ng/ml



#26 AR-1254-1

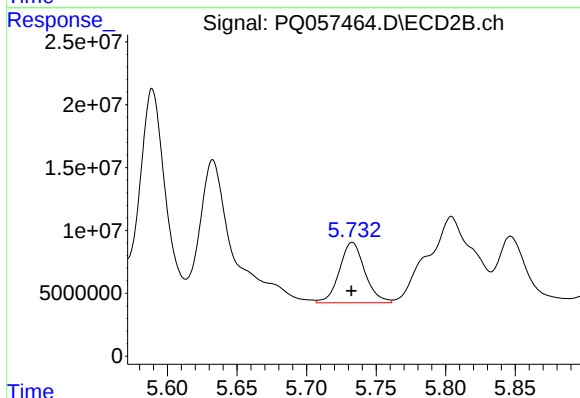
R.T.: 5.589 min
Delta R.T.: 0.001 min
Response: 219007663
Conc: 287.84 ng/ml



#27 AR-1254-2

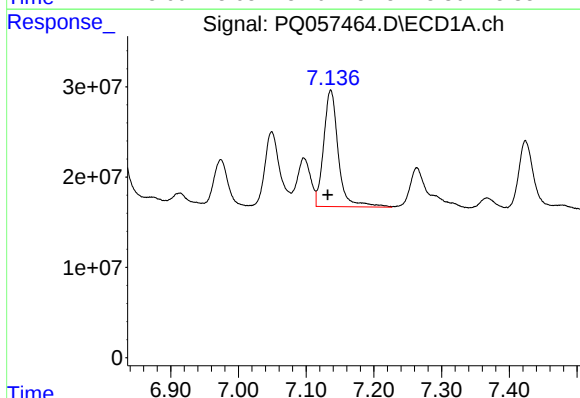
R.T.: 6.777 min
Delta R.T.: 0.016 min
Response: 326186838
Conc: 232.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



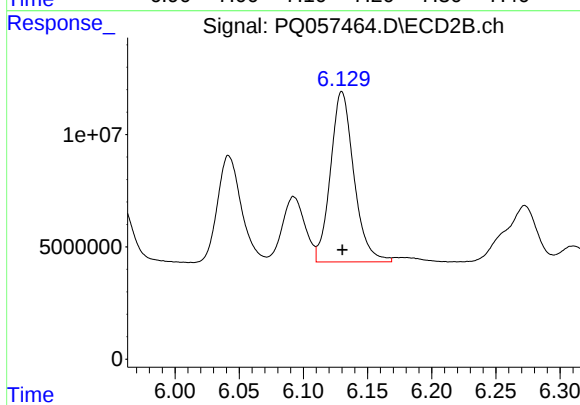
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 60967857
Conc: 99.12 ng/ml



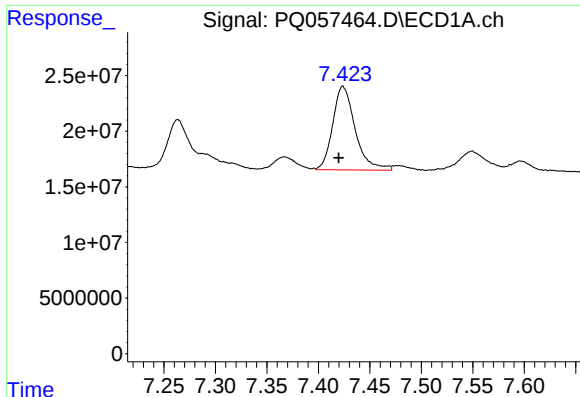
#28 AR-1254-3

R.T.: 7.136 min
Delta R.T.: 0.005 min
Response: 193414744
Conc: 115.46 ng/ml



#28 AR-1254-3

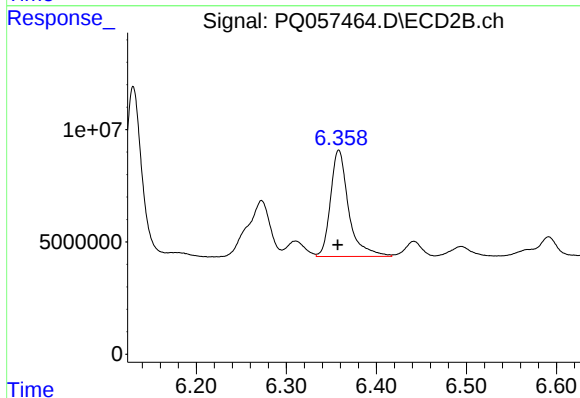
R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 96533532
Conc: 93.43 ng/ml



#29 AR-1254-4

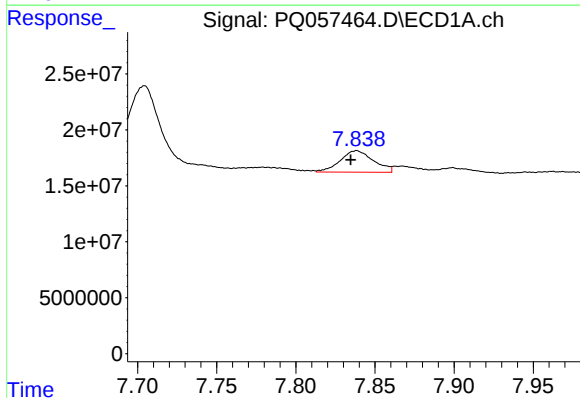
R.T.: 7.424 min
Delta R.T.: 0.004 min
Response: 114138689
Conc: 103.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



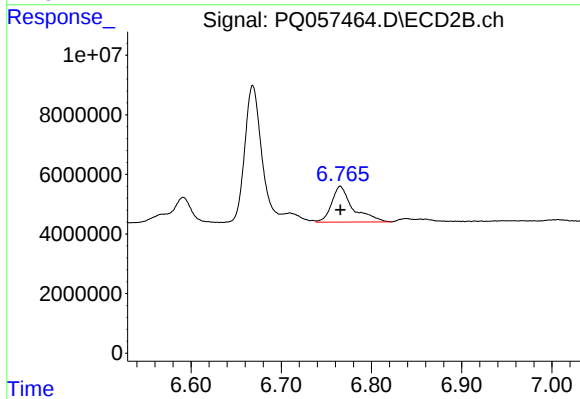
#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 66231372
Conc: 87.22 ng/ml



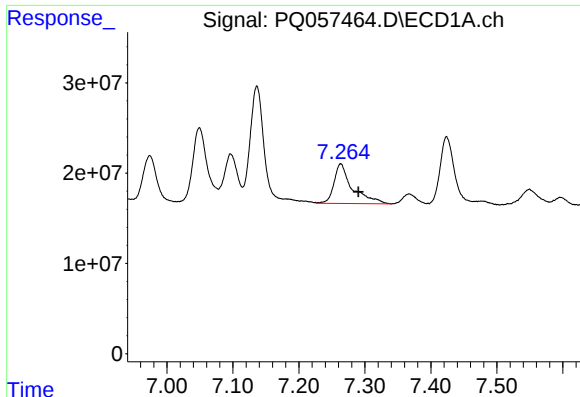
#30 AR-1254-5

R.T.: 7.838 min
Delta R.T.: 0.004 min
Response: 28263025
Conc: 22.69 ng/ml



#30 AR-1254-5

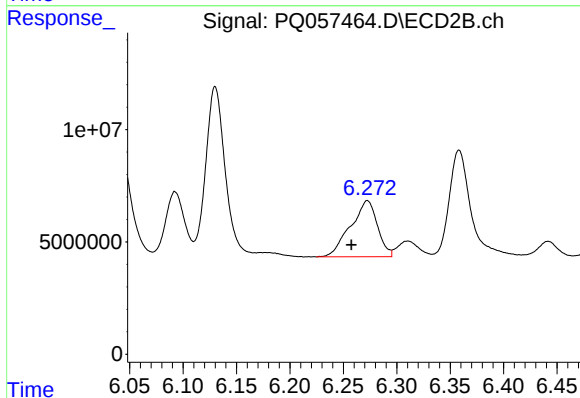
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 19705618
Conc: 21.12 ng/ml



#31 AR-1260-1

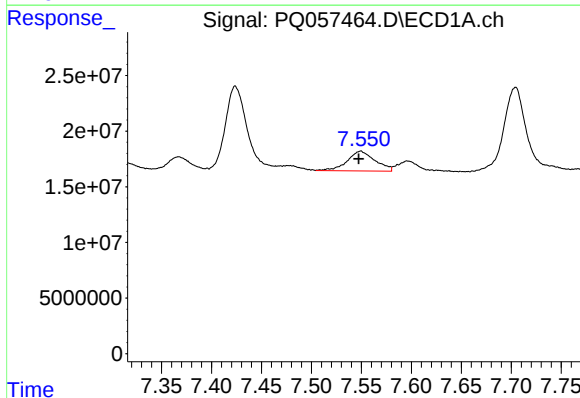
R.T.: 7.263 min
Delta R.T.: -0.027 min
Response: 85058557
Conc: 85.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



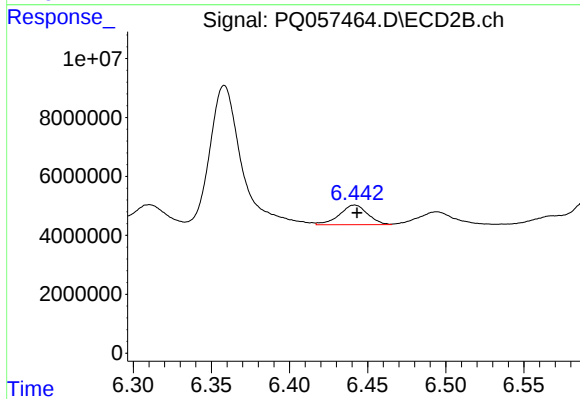
#31 AR-1260-1

R.T.: 6.273 min
Delta R.T.: 0.015 min
Response: 43809893
Conc: 73.99 ng/ml



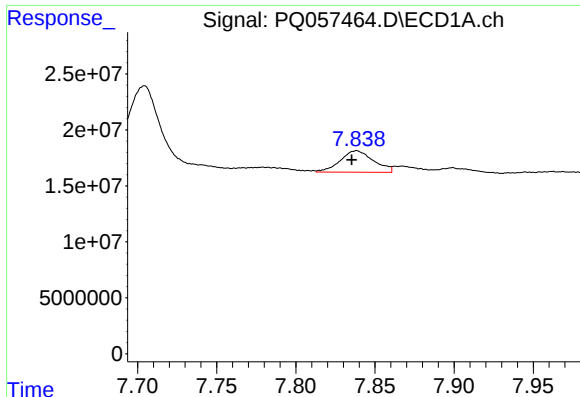
#32 AR-1260-2

R.T.: 7.549 min
Delta R.T.: 0.002 min
Response: 34339835
Conc: 28.89 ng/ml



#32 AR-1260-2

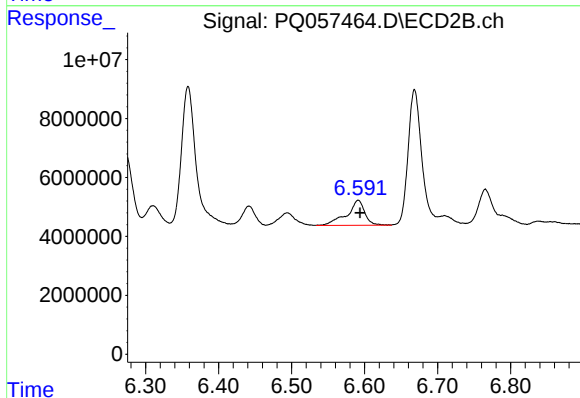
R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 8400796
Conc: 11.64 ng/ml



#33 AR-1260-3

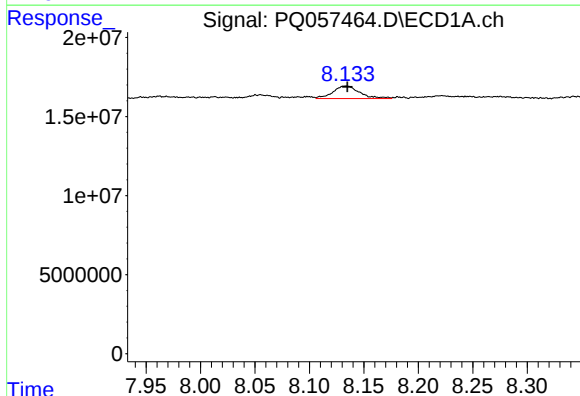
R.T.: 7.838 min
Delta R.T.: 0.003 min
Response: 28263025
Conc: 19.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



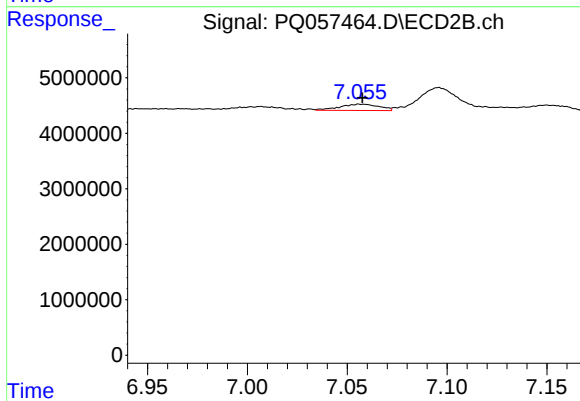
#33 AR-1260-3

R.T.: 6.591 min
Delta R.T.: -0.002 min
Response: 14498739
Conc: 19.75 ng/ml



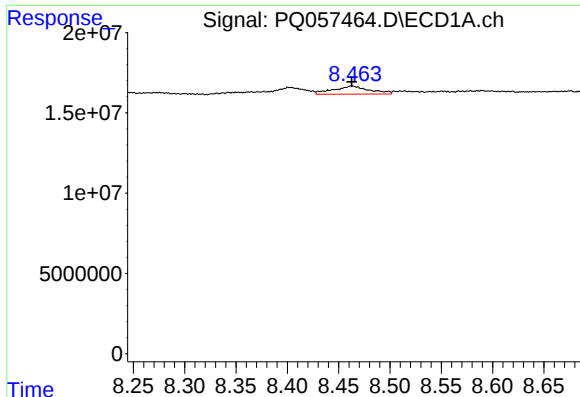
#34 AR-1260-4

R.T.: 8.133 min
Delta R.T.: -0.001 min
Response: 13469086
Conc: 12.53 ng/ml



#34 AR-1260-4

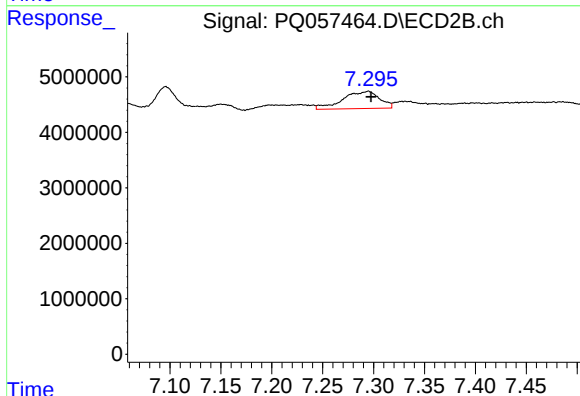
R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 1550697
Conc: 2.72 ng/ml



#35 AR-1260-5

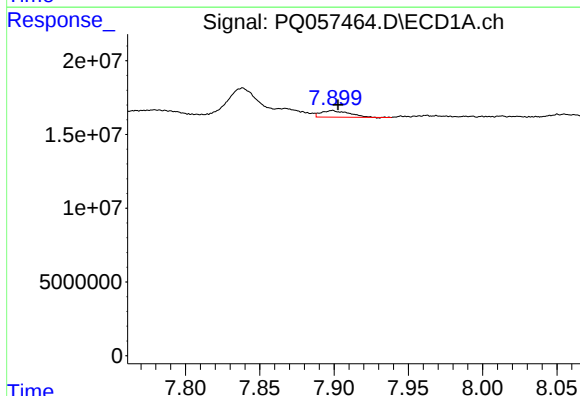
R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 12378073
Conc: 5.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



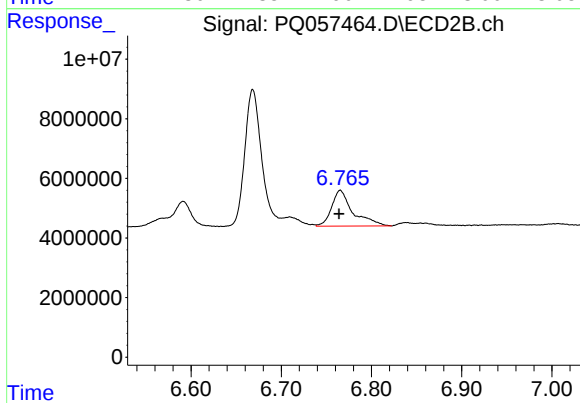
#35 AR-1260-5

R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 7797807
Conc: 5.59 ng/ml



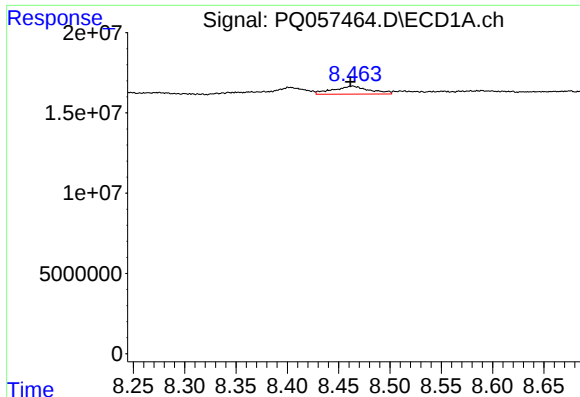
#36 AR-1262-1

R.T.: 7.899 min
Delta R.T.: -0.004 min
Response: 5822653
Conc: 4.15 ng/ml



#36 AR-1262-1

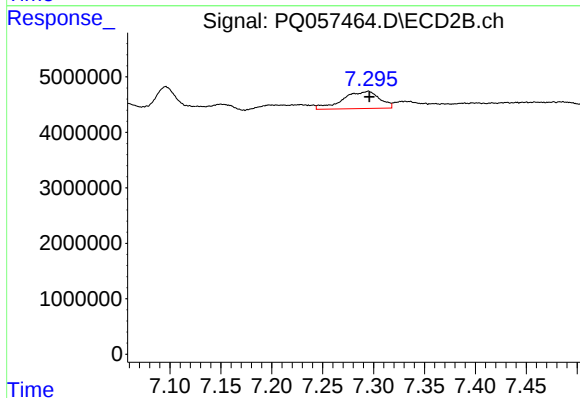
R.T.: 6.765 min
Delta R.T.: 0.001 min
Response: 19705618
Conc: 41.90 ng/ml



#37 AR-1262-2

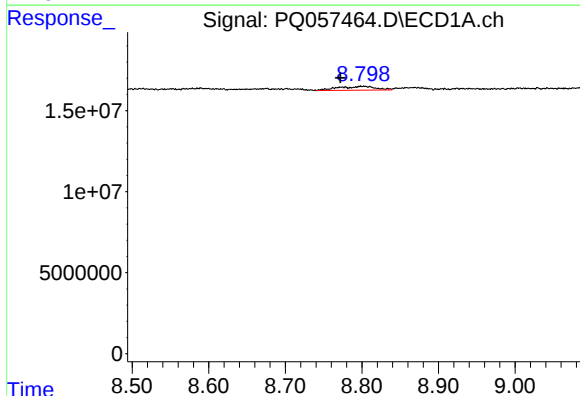
R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 12378073
Conc: 4.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



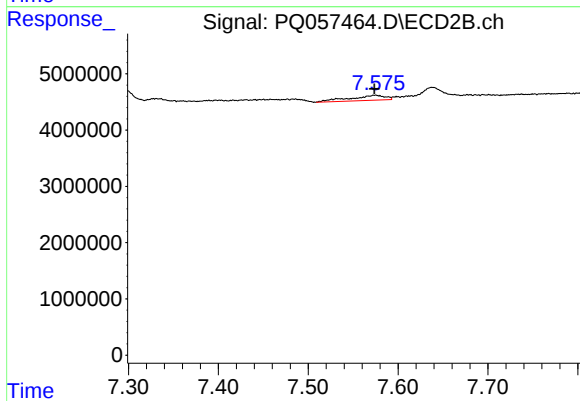
#37 AR-1262-2

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 7797807
Conc: 4.36 ng/ml



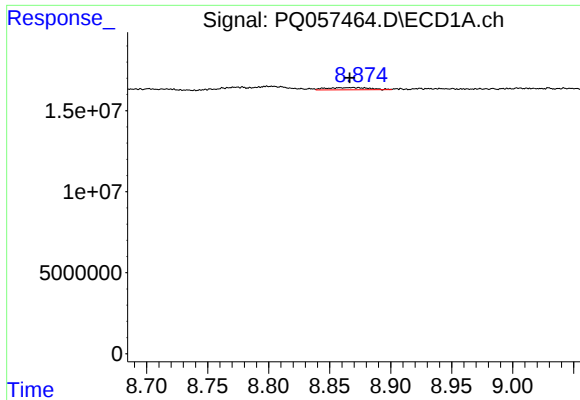
#38 AR-1262-3

R.T.: 8.803 min
Delta R.T.: 0.031 min
Response: 8025191
Conc: 6.19 ng/ml



#38 AR-1262-3

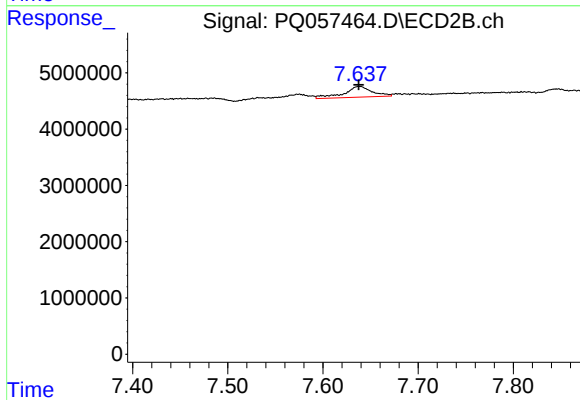
R.T.: 7.575 min
Delta R.T.: 0.001 min
Response: 2452846
Conc: 3.40 ng/ml



#39 AR-1262-4

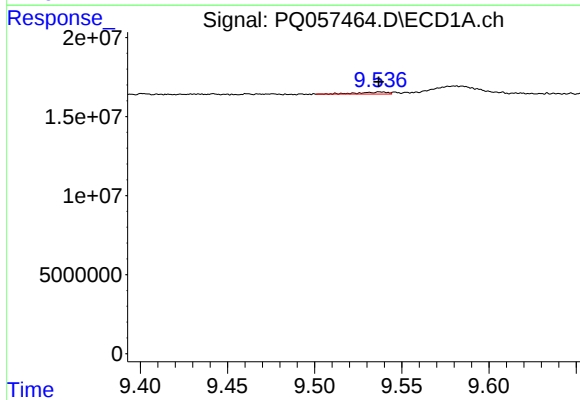
R.T.: 8.873 min
Delta R.T.: 0.007 min
Response: 3246555
Conc: 3.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



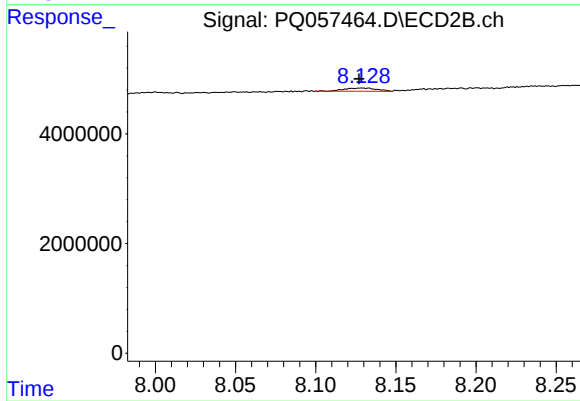
#39 AR-1262-4

R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 3940520
Conc: 3.03 ng/ml



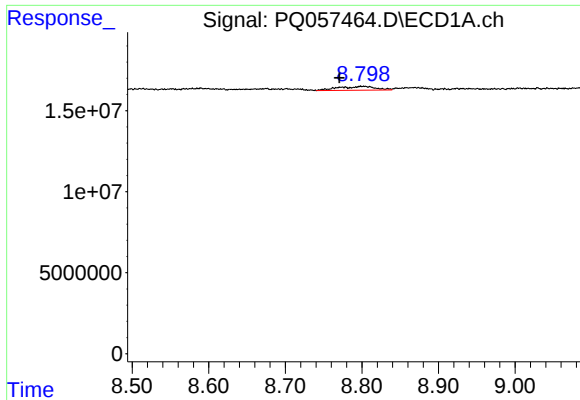
#40 AR-1262-5

R.T.: 9.538 min
Delta R.T.: 0.001 min
Response: 1473602
Conc: 1.22 ng/ml



#40 AR-1262-5

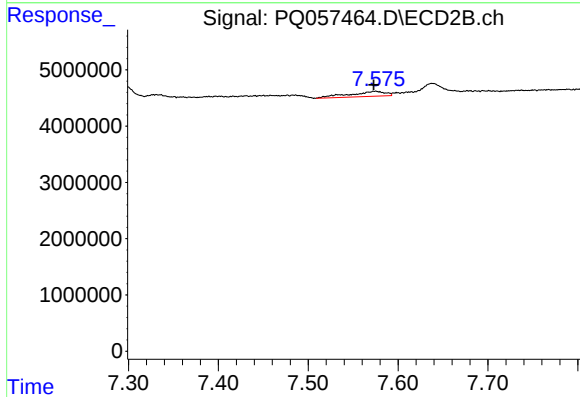
R.T.: 8.129 min
Delta R.T.: 0.002 min
Response: 793304
Conc: 1.40 ng/ml



#41 AR-1268-1

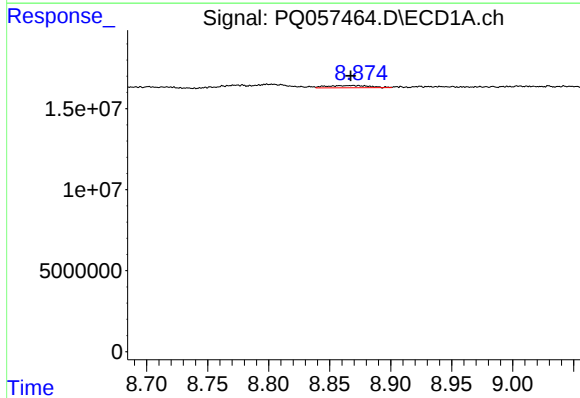
R.T.: 8.803 min
Delta R.T.: 0.033 min
Response: 8025191
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



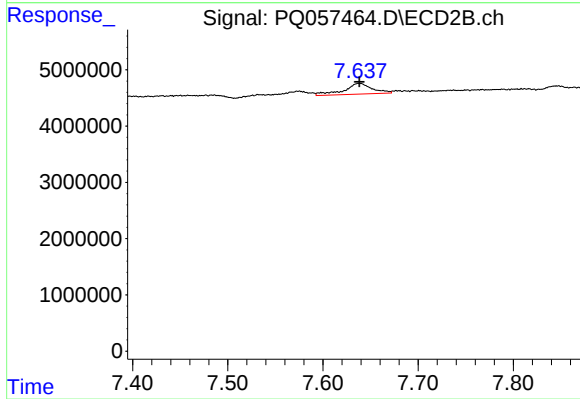
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: 0.002 min
Response: 2452846
Conc: 1.22 ng/ml



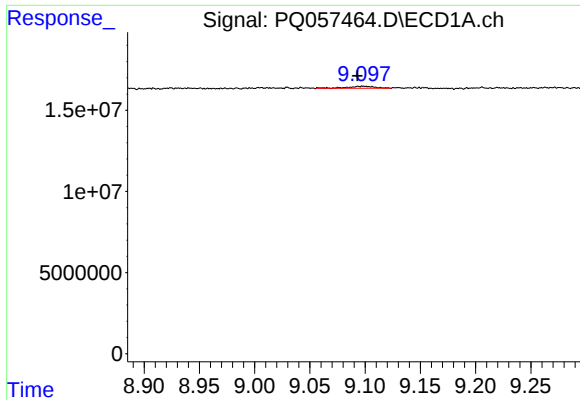
#42 AR-1268-2

R.T.: 8.873 min
Delta R.T.: 0.006 min
Response: 3246555
Conc: 0.88 ng/ml



#42 AR-1268-2

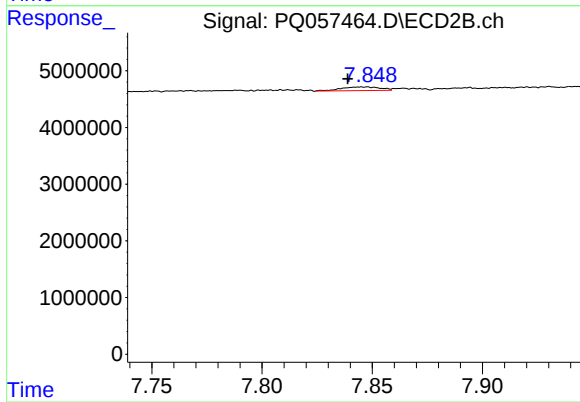
R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 3940520
Conc: 2.15 ng/ml



#43 AR-1268-3

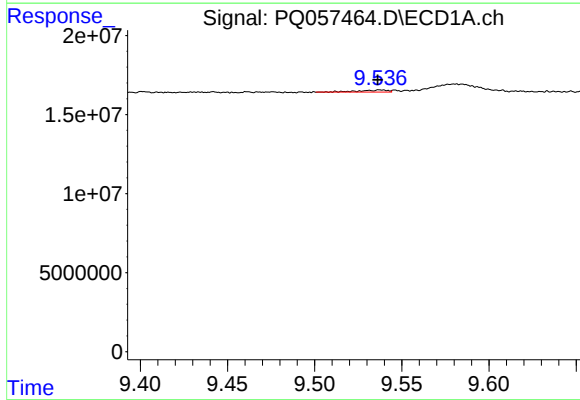
R.T.: 9.099 min
Delta R.T.: 0.006 min
Response: 2283014
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



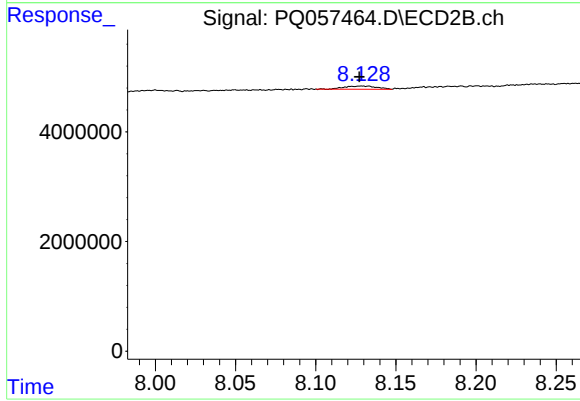
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.007 min
Response: 810829
Conc: 0.53 ng/ml



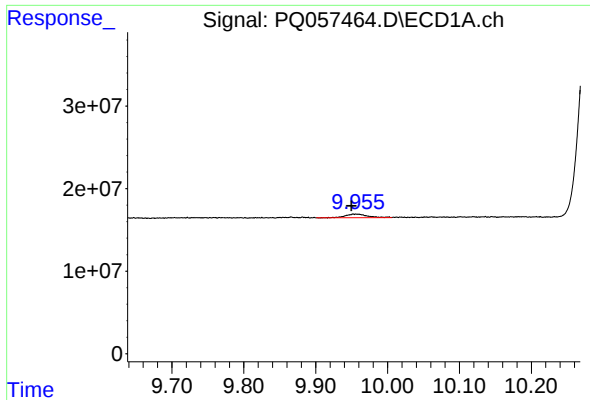
#44 AR-1268-4

R.T.: 9.538 min
Delta R.T.: 0.002 min
Response: 1473602
Conc: 1.12 ng/ml



#44 AR-1268-4

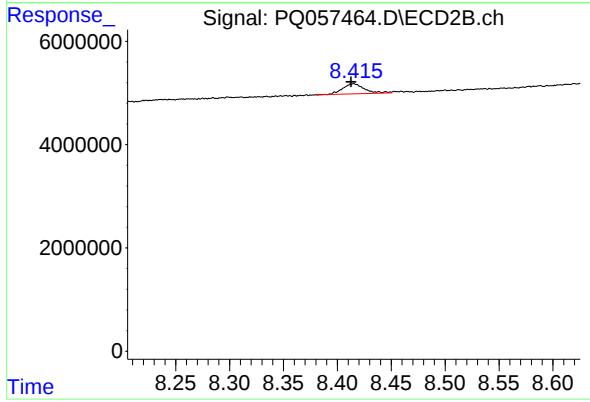
R.T.: 8.129 min
Delta R.T.: 0.001 min
Response: 793304
Conc: 1.27 ng/ml



#45 AR-1268-5

R.T.: 9.956 min
Delta R.T.: 0.007 min
Response: 9373678
Conc: 0.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.415 min
Delta R.T.: 0.002 min
Response: 2739838
Conc: 0.57 ng/ml