

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092118\
 Data File : PQ032160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 20:35
 Operator : SM\SJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 00:58:46 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 21 05:45:25 2018
 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...	4.595	3.874	40349656	34698034	19.079	19.866
2)	SA Decachlor...	10.450	8.949	80510019	74025350	38.284	39.921
Target Compounds							
3)	L1 AR-1016-1	5.773	4.972	18840529	16380005	253.072	249.364
4)	L1 AR-1016-2	5.796	4.991	23257332	17320823	206.861	185.183
5)	L1 AR-1016-3	5.858	5.171	12865659	11320269	191.207	233.231
6)	L1 AR-1016-4	5.957	5.208	13171818	22600917	239.837	611.826 #
7)	L1 AR-1016-5	6.252	5.425	32470005	29249900	566.554	572.879
8)	L2 AR-1221-1	4.805	4.088	773535	555870	38.376	30.803
9)	L2 AR-1221-2	4.899	4.179	843044	713363	57.739	57.642
10)	L2 AR-1221-3	4.969	4.255	2321206	2149752	45.267	48.527
11)	L3 AR-1232-1	4.969	4.255	2321206	2149752	65.219	69.596
12)	L3 AR-1232-2	5.504	4.991	8910488	17320823	482.051	523.629
13)	L3 AR-1232-3	5.796	5.171	23257332	11320269	604.979	676.860
14)	L3 AR-1232-4	5.957	5.252	13171818	23542595	726.955	1580.572 #
15)	L3 AR-1232-5	6.046	5.425	27794496	29249900	1982.128	1828.795
16)	L4 AR-1242-1	5.773	4.972	18840529	16380005	371.751	359.552
17)	L4 AR-1242-2	5.796	4.991	23257332	17320823	304.308	272.530
18)	L4 AR-1242-3	5.858	5.171	12865659	11320269	274.596	332.099
19)	L4 AR-1242-4	5.957	5.252	13171818	23542595	351.653	698.754 #
20)	L4 AR-1242-5	6.697	5.777	35602419	43330289	818.562	980.080
21)	L5 AR-1248-1	5.773	4.972	18840529	16380005	399.914	398.314
22)	L5 AR-1248-2	6.046	5.208	27794496	22600917	404.800	402.561
23)	L5 AR-1248-3	6.252	5.252	32470005	23542595	416.053	408.436
24)	L5 AR-1248-4	6.656	5.425	37479909	29249900	411.370	410.902
25)	L5 AR-1248-5	6.697	5.819	35602419	29617712	412.523	416.972
26)	L6 AR-1254-1	6.629	5.777	27960760	43330289	284.783	363.180 #
27)	L6 AR-1254-2	6.854	5.924	38828687	12486295	250.743	119.207 #
28)	L6 AR-1254-3	7.218	6.332	22618725	20713383	134.178	116.477
29)	L6 AR-1254-4	7.503	6.559	14922629	13759938	119.322	120.913
30)	L6 AR-1254-5	7.923	6.978	3809498	4633849	27.599	29.849
31)	L7 AR-1260-1	7.380	6.454	3052798	3667402	24.612	32.786 #
32)	L7 AR-1260-2	7.634	6.646	5065483	2313974	34.496	17.022 #
33)	L7 AR-1260-3	7.991	6.804	1047693	2488247	9.926	19.810 #
34)	L7 AR-1260-4	8.220	7.275	1867079	764728	15.352	7.505 #
35)	L7 AR-1260-5	8.561	7.514	1972082	1952725	8.158	7.907
36)	L8 AR-1262-1	7.991	6.978	1047693	4633849	7.391	33.224 #
37)	L8 AR-1262-2	8.561	7.514	1972082	1952725	7.566	7.445
38)	L8 AR-1262-3	8.884	7.797	725390	734629	4.169	7.520 #
39)	L8 AR-1262-4	8.981	7.864	560792	963498	4.315	5.143
40)	L8 AR-1262-5	9.663	8.369	474796	362583	5.095	4.152
41)	L9 AR-1268-1	8.884	7.797	725390	734629	2.088	2.196

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092118\
Data File : PQ032160.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Sep 2018 20:35
Operator : SM\SJ
Sample : AR1248CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

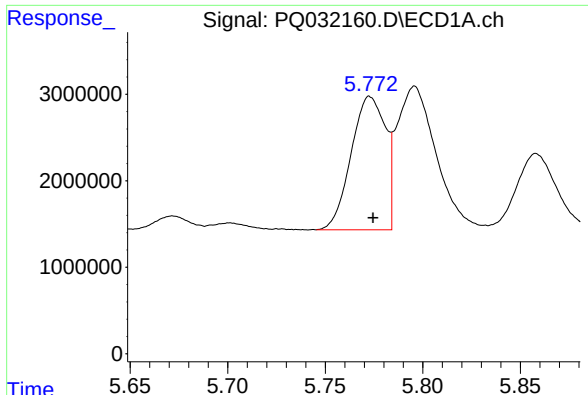
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 22 00:58:46 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 21 05:45:25 2018
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	8.981	7.864	560792	963498	1.777	3.200 #
43) L9	AR-1268-3	9.217	8.073	329600	513676	1.234	2.063 #
44) L9	AR-1268-4	9.663	8.369	474796	362583	4.091	3.355
45) L9	AR-1268-5	10.096	8.678	936866	676510	1.090	0.852

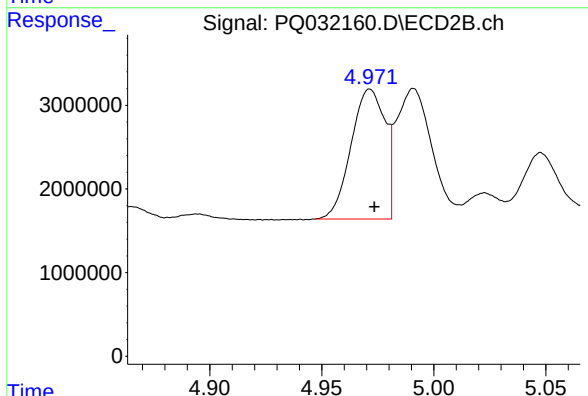
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

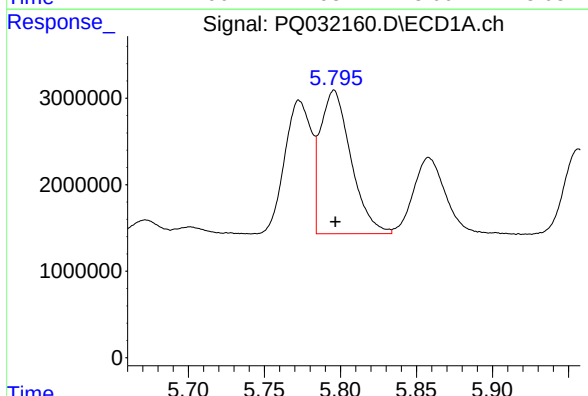
R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 18840529
Conc: 253.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



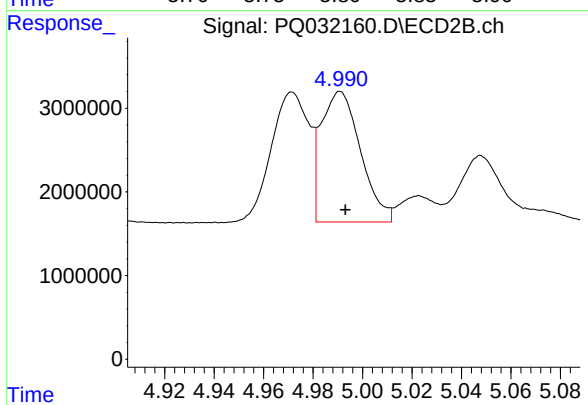
#3 AR-1016-1

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 16380005
Conc: 249.36 ng/ml



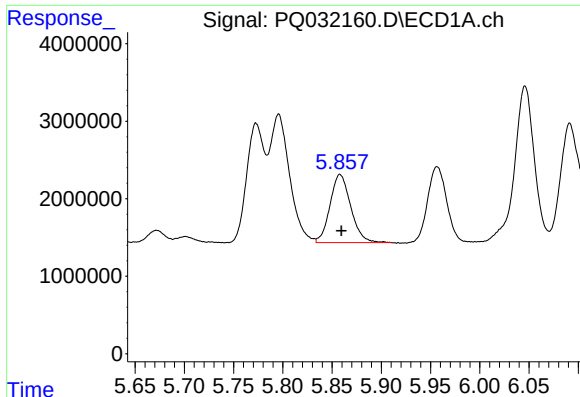
#4 AR-1016-2

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 23257332
Conc: 206.86 ng/ml



#4 AR-1016-2

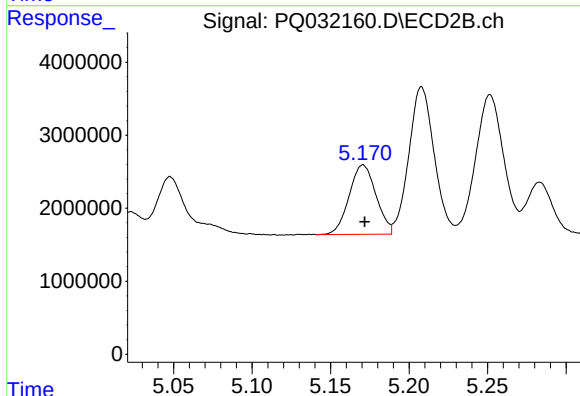
R.T.: 4.991 min
Delta R.T.: -0.002 min
Response: 17320823
Conc: 185.18 ng/ml



#5 AR-1016-3

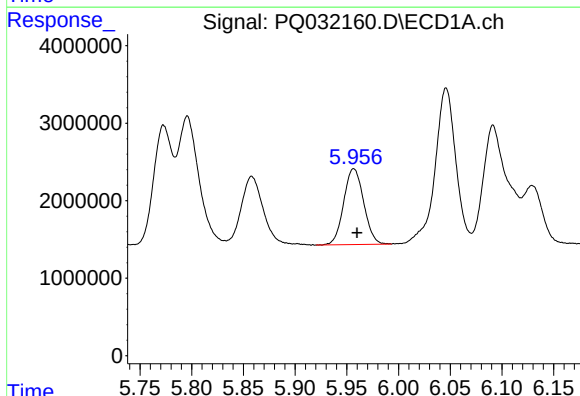
R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 12865659
Conc: 191.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



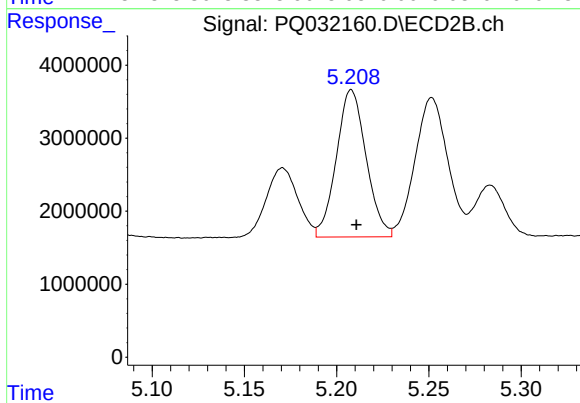
#5 AR-1016-3

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 11320269
Conc: 233.23 ng/ml



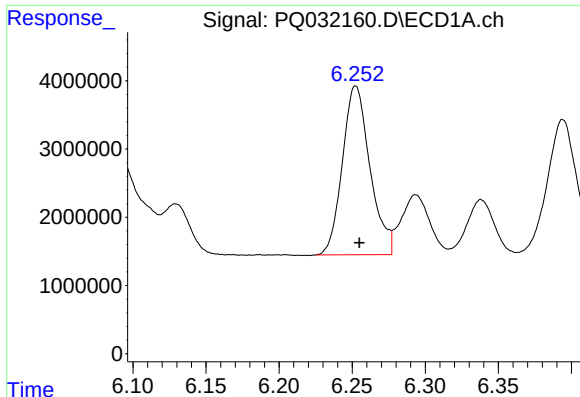
#6 AR-1016-4

R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 13171818
Conc: 239.84 ng/ml



#6 AR-1016-4

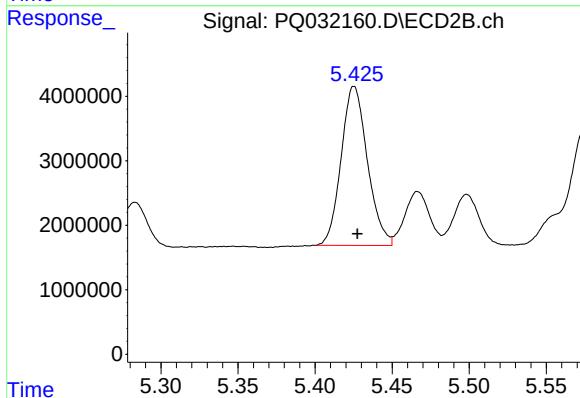
R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 22600917
Conc: 611.83 ng/ml



#7 AR-1016-5

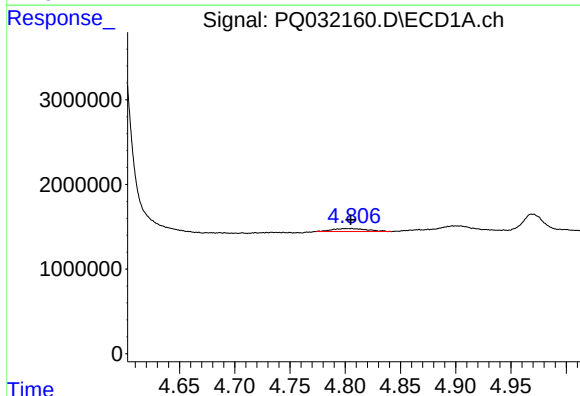
R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 32470005
Conc: 566.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



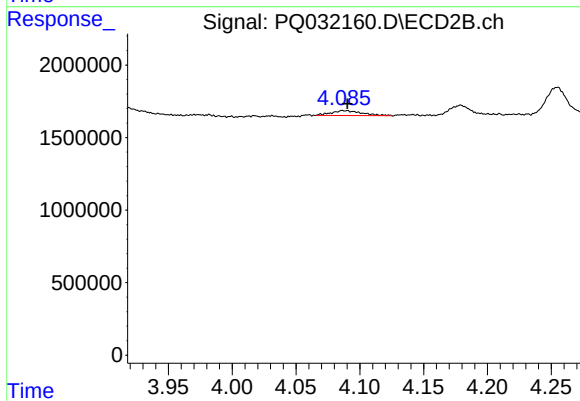
#7 AR-1016-5

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 29249900
Conc: 572.88 ng/ml



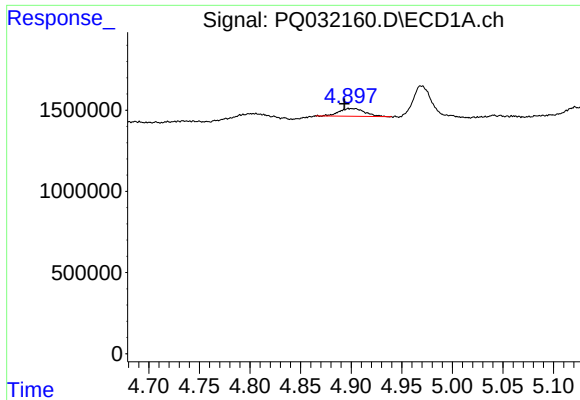
#8 AR-1221-1

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 773535
Conc: 38.38 ng/ml



#8 AR-1221-1

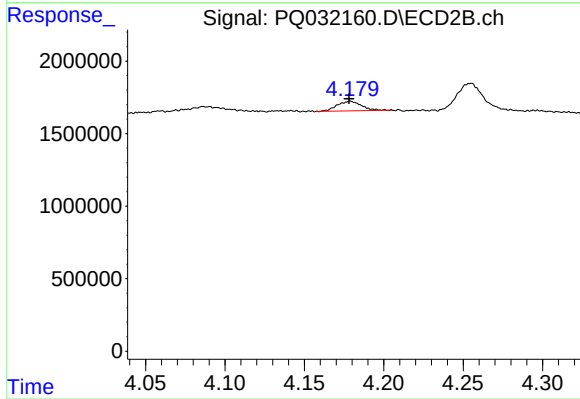
R.T.: 4.088 min
Delta R.T.: -0.003 min
Response: 555870
Conc: 30.80 ng/ml



#9 AR-1221-2

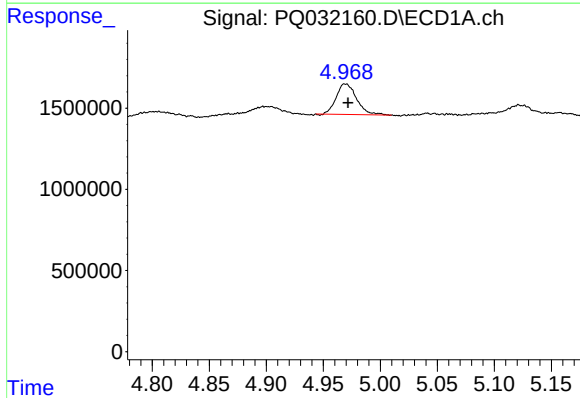
R.T.: 4.899 min
Delta R.T.: 0.006 min
Response: 843044
Conc: 57.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



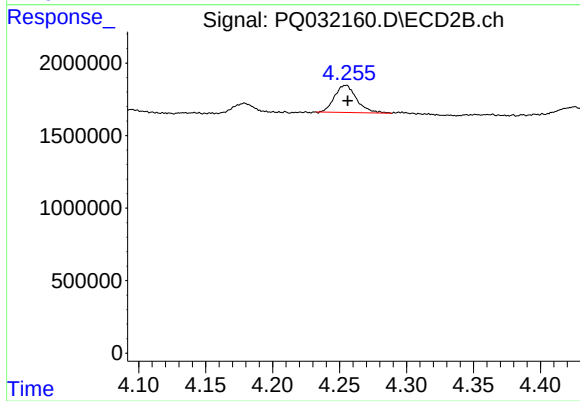
#9 AR-1221-2

R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 713363
Conc: 57.64 ng/ml



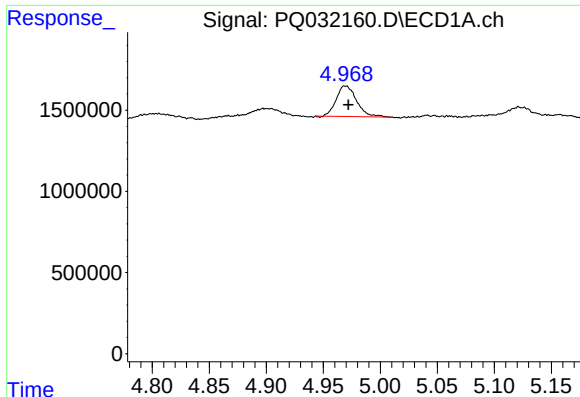
#10 AR-1221-3

R.T.: 4.969 min
Delta R.T.: -0.002 min
Response: 2321206
Conc: 45.27 ng/ml



#10 AR-1221-3

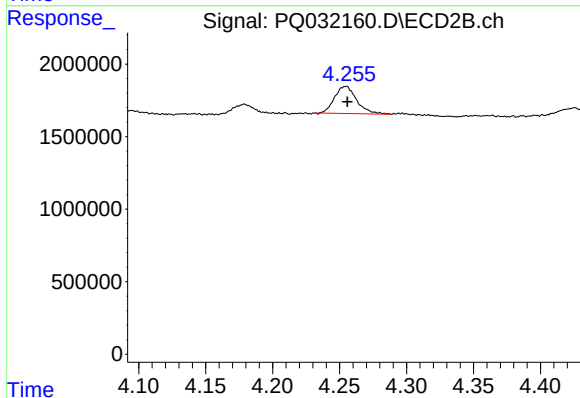
R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 2149752
Conc: 48.53 ng/ml



#11 AR-1232-1

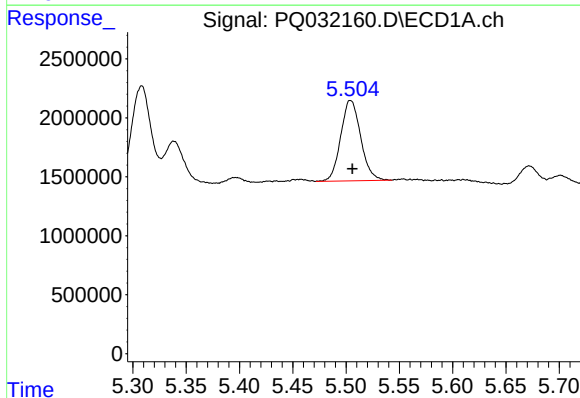
R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 2321206
Conc: 65.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



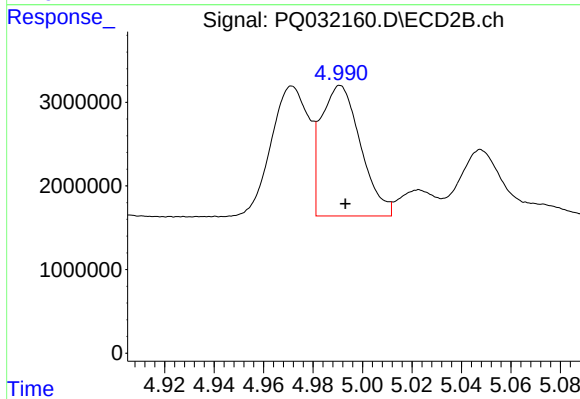
#11 AR-1232-1

R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 2149752
Conc: 69.60 ng/ml



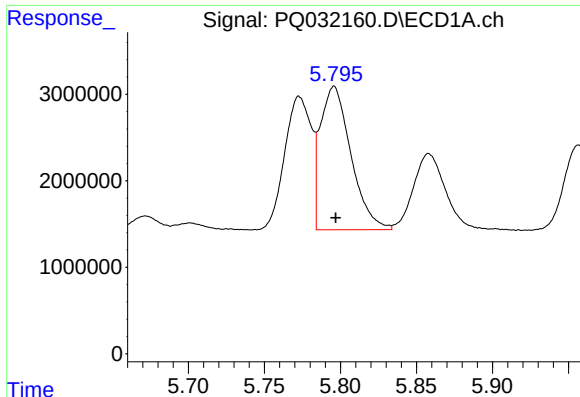
#12 AR-1232-2

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 8910488
Conc: 482.05 ng/ml



#12 AR-1232-2

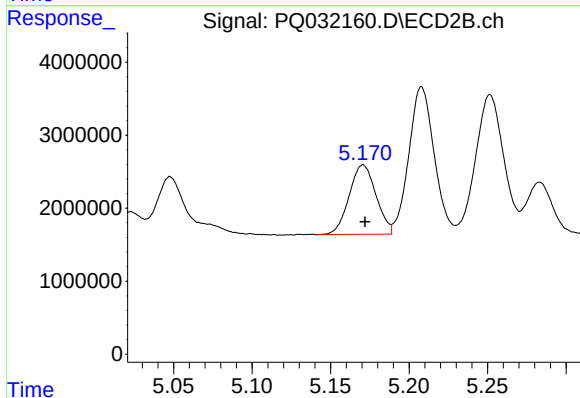
R.T.: 4.991 min
Delta R.T.: -0.002 min
Response: 17320823
Conc: 523.63 ng/ml



#13 AR-1232-3

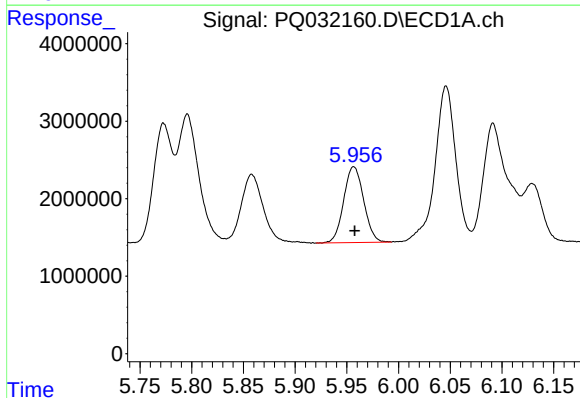
R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 23257332
Conc: 604.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



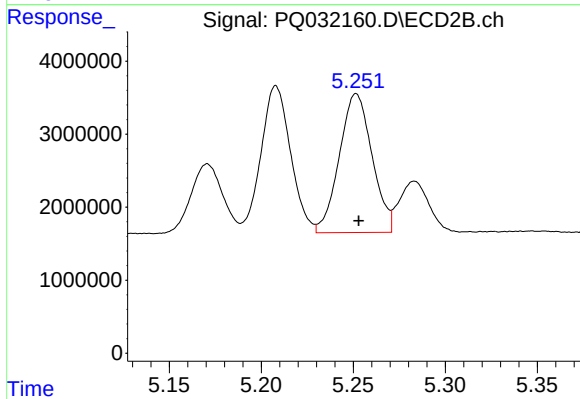
#13 AR-1232-3

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 11320269
Conc: 676.86 ng/ml



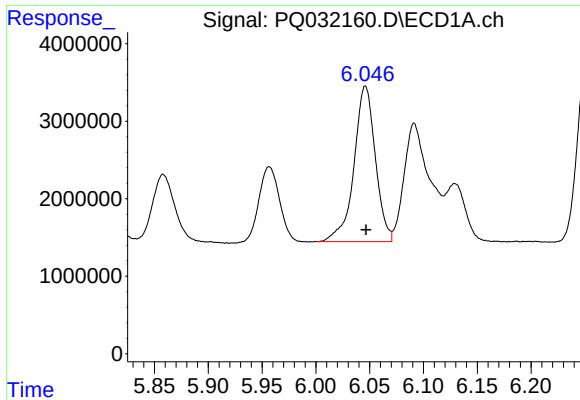
#14 AR-1232-4

R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 13171818
Conc: 726.95 ng/ml



#14 AR-1232-4

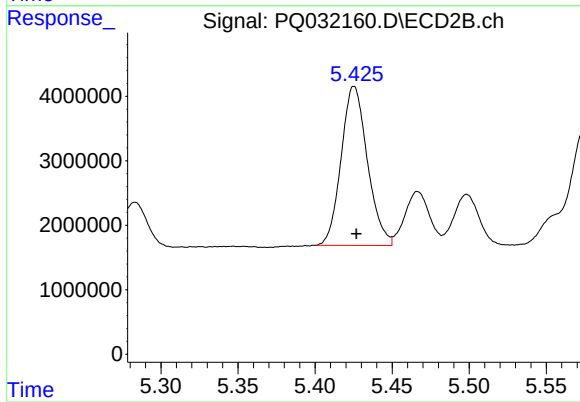
R.T.: 5.252 min
Delta R.T.: -0.001 min
Response: 23542595
Conc: 1580.57 ng/ml



#15 AR-1232-5

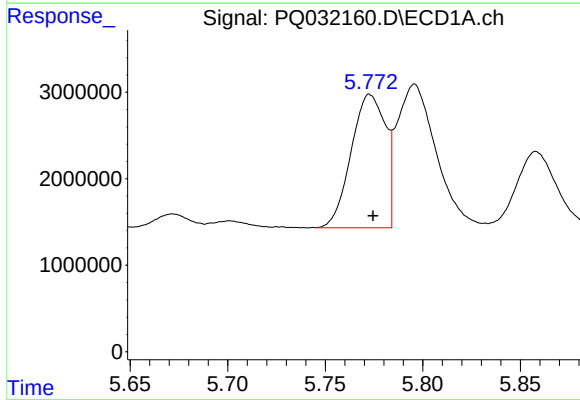
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 27794496
Conc: 1982.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



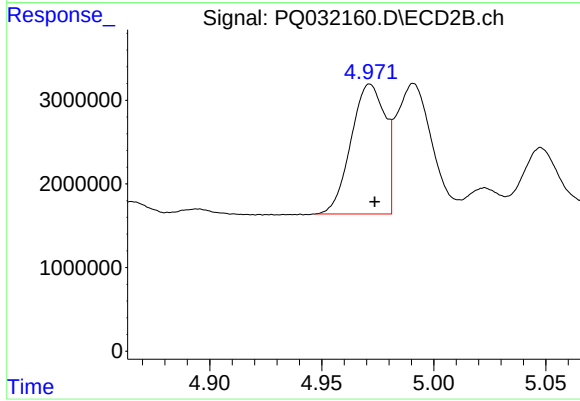
#15 AR-1232-5

R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 29249900
Conc: 1828.80 ng/ml



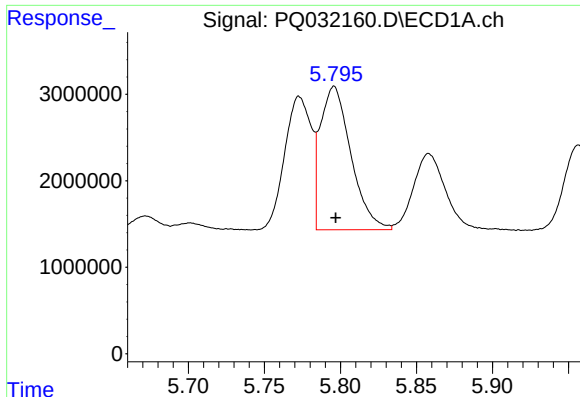
#16 AR-1242-1

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 18840529
Conc: 371.75 ng/ml



#16 AR-1242-1

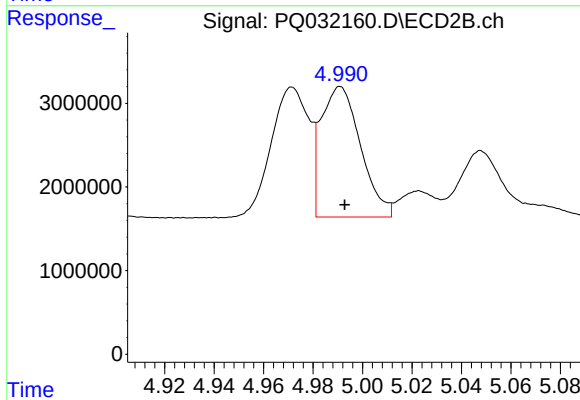
R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 16380005
Conc: 359.55 ng/ml



#17 AR-1242-2

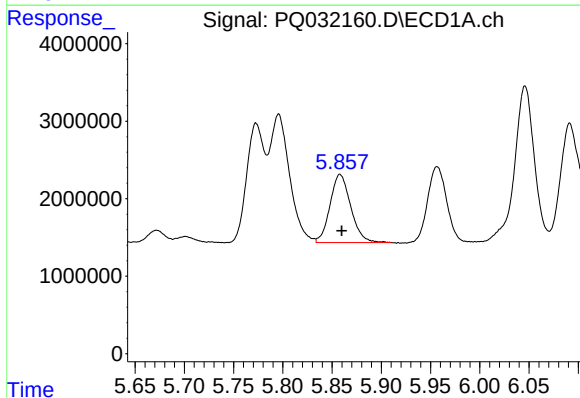
R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 23257332
Conc: 304.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



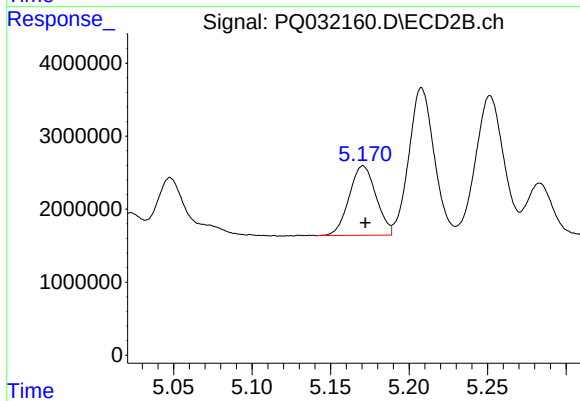
#17 AR-1242-2

R.T.: 4.991 min
Delta R.T.: -0.002 min
Response: 17320823
Conc: 272.53 ng/ml



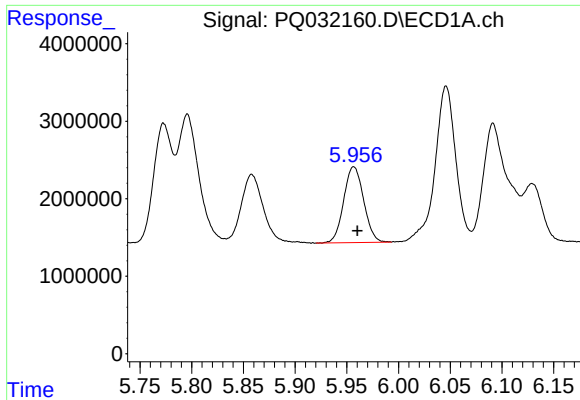
#18 AR-1242-3

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 12865659
Conc: 274.60 ng/ml



#18 AR-1242-3

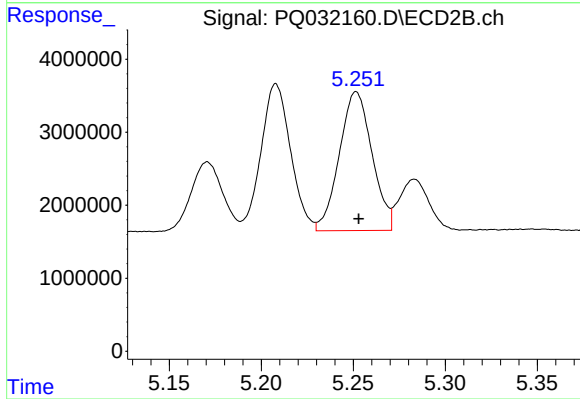
R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 11320269
Conc: 332.10 ng/ml



#19 AR-1242-4

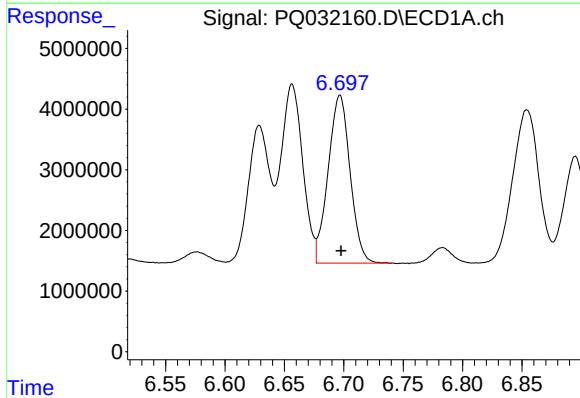
R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 13171818
Conc: 351.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



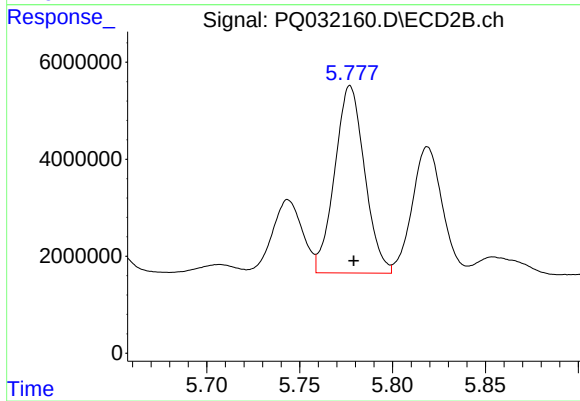
#19 AR-1242-4

R.T.: 5.252 min
Delta R.T.: -0.001 min
Response: 23542595
Conc: 698.75 ng/ml



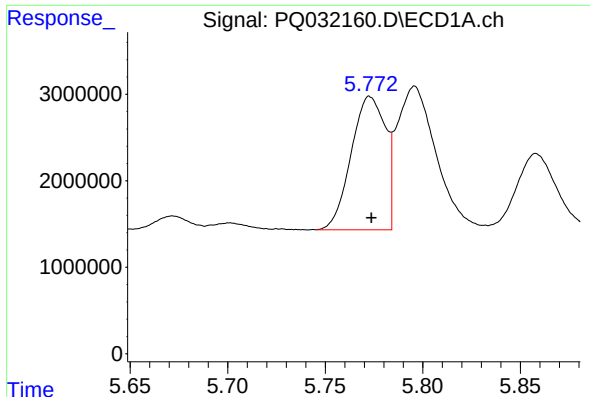
#20 AR-1242-5

R.T.: 6.697 min
Delta R.T.: -0.001 min
Response: 35602419
Conc: 818.56 ng/ml



#20 AR-1242-5

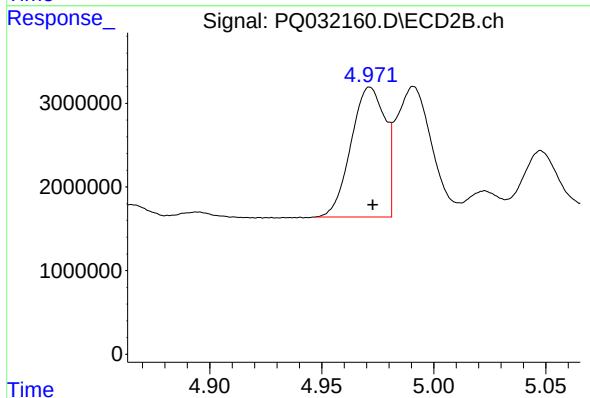
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 43330289
Conc: 980.08 ng/ml



#21 AR-1248-1

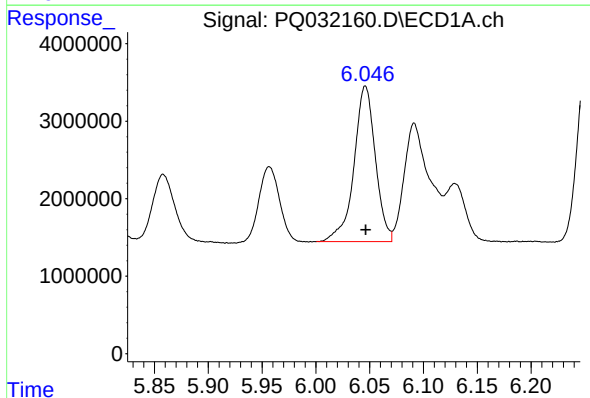
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 18840529
Conc: 399.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



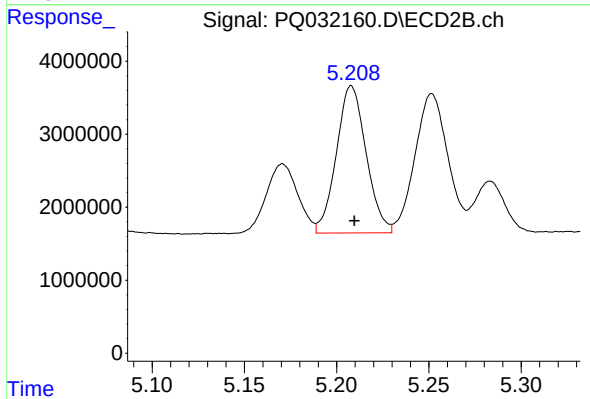
#21 AR-1248-1

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 16380005
Conc: 398.31 ng/ml



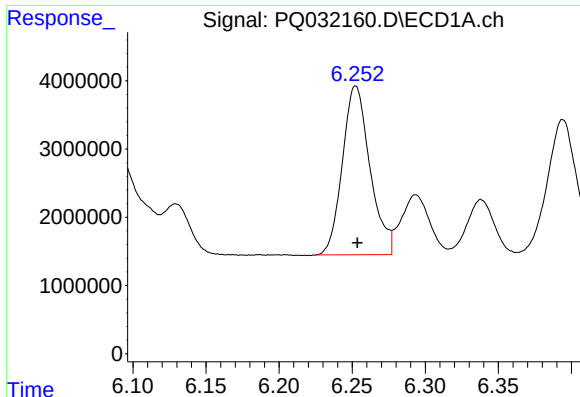
#22 AR-1248-2

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 27794496
Conc: 404.80 ng/ml



#22 AR-1248-2

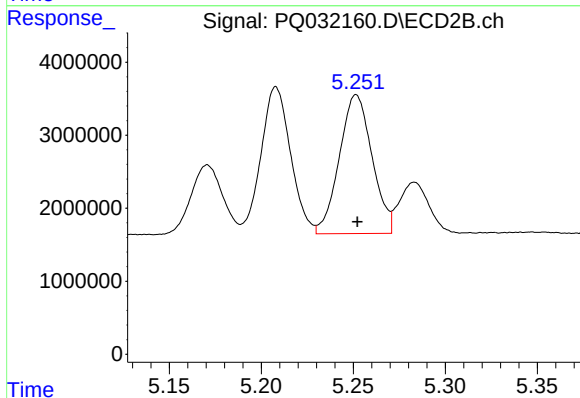
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 22600917
Conc: 402.56 ng/ml



#23 AR-1248-3

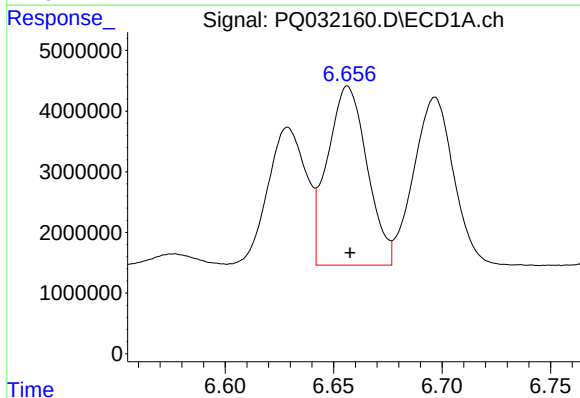
R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 32470005
Conc: 416.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



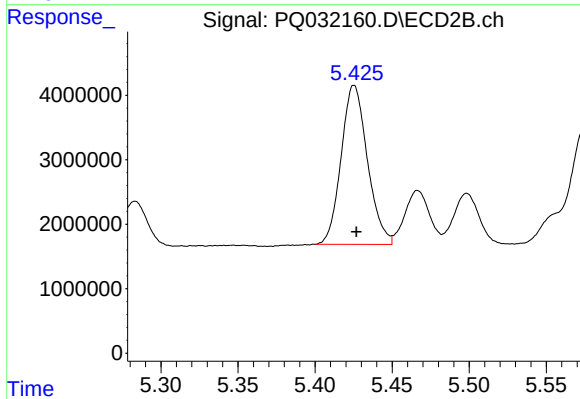
#23 AR-1248-3

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 23542595
Conc: 408.44 ng/ml



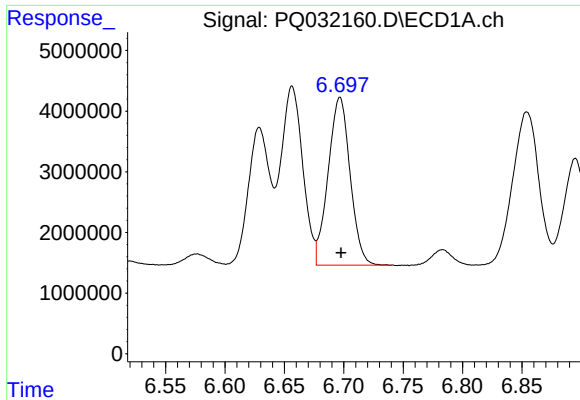
#24 AR-1248-4

R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 37479909
Conc: 411.37 ng/ml



#24 AR-1248-4

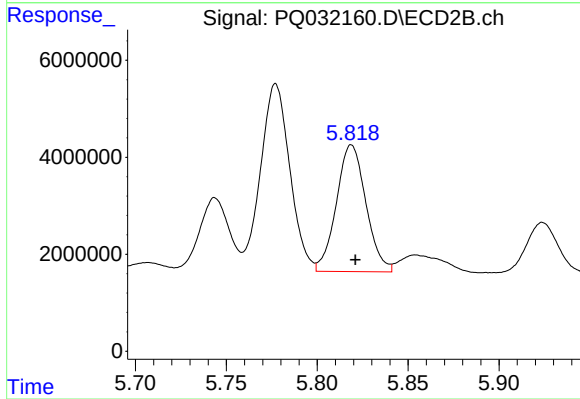
R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 29249900
Conc: 410.90 ng/ml



#25 AR-1248-5

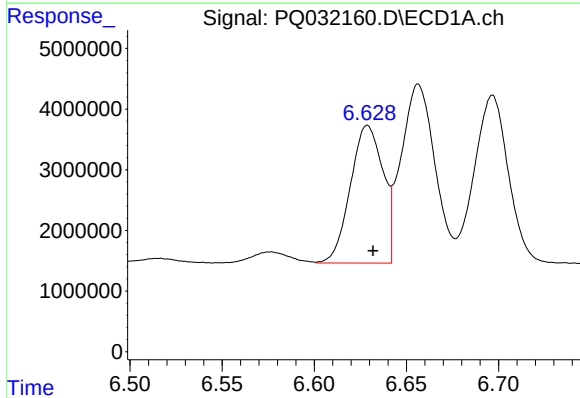
R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 35602419
Conc: 412.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



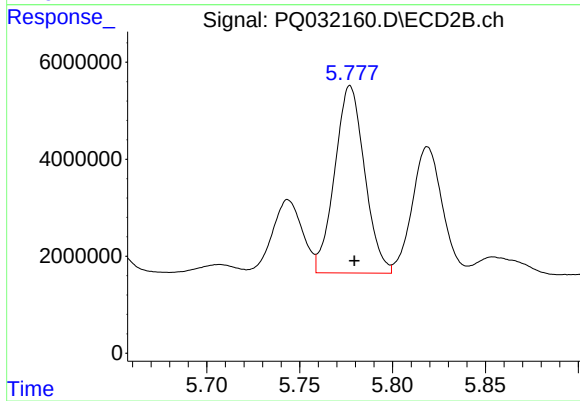
#25 AR-1248-5

R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 29617712
Conc: 416.97 ng/ml



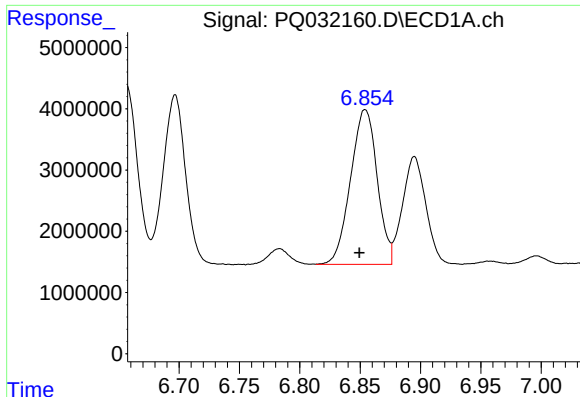
#26 AR-1254-1

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 27960760
Conc: 284.78 ng/ml



#26 AR-1254-1

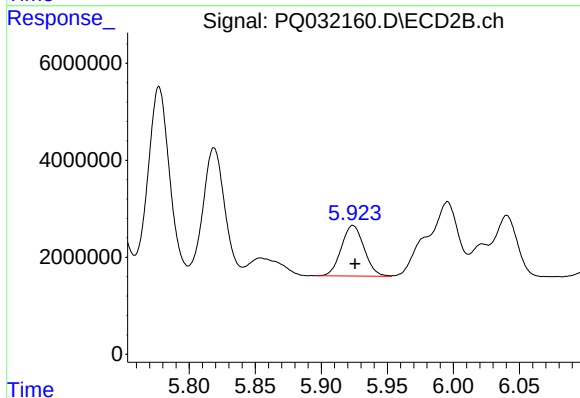
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 43330289
Conc: 363.18 ng/ml



#27 AR-1254-2

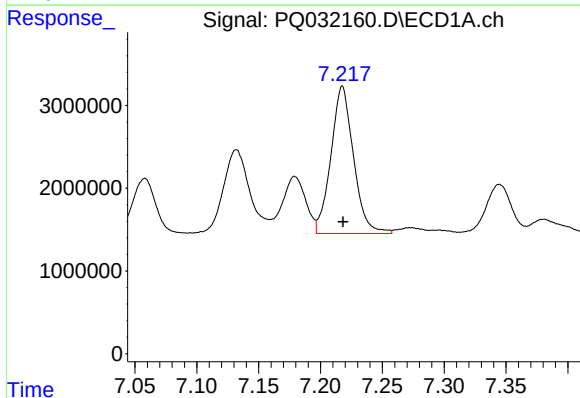
R.T.: 6.854 min
Delta R.T.: 0.005 min
Response: 38828687
Conc: 250.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



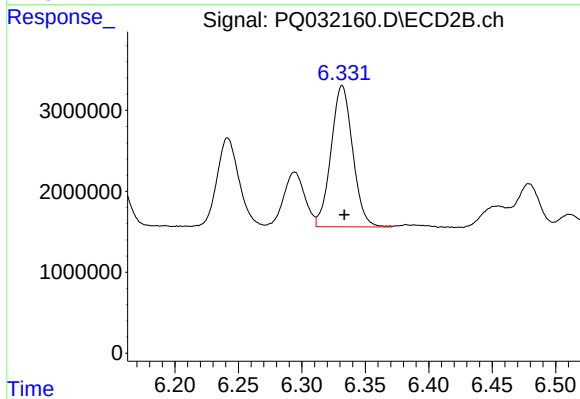
#27 AR-1254-2

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 12486295
Conc: 119.21 ng/ml



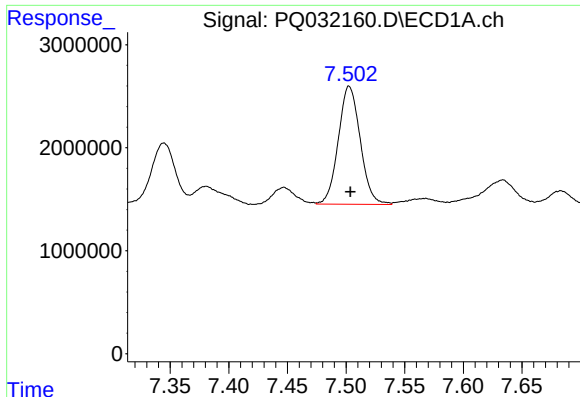
#28 AR-1254-3

R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 22618725
Conc: 134.18 ng/ml



#28 AR-1254-3

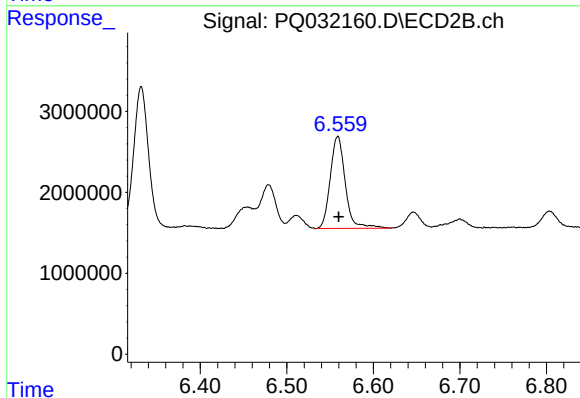
R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 20713383
Conc: 116.48 ng/ml



#29 AR-1254-4

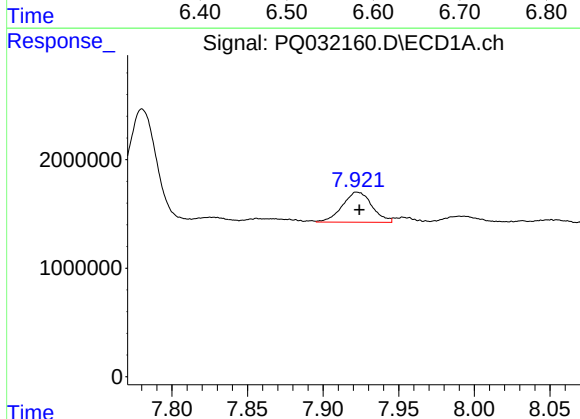
R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 14922629
Conc: 119.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



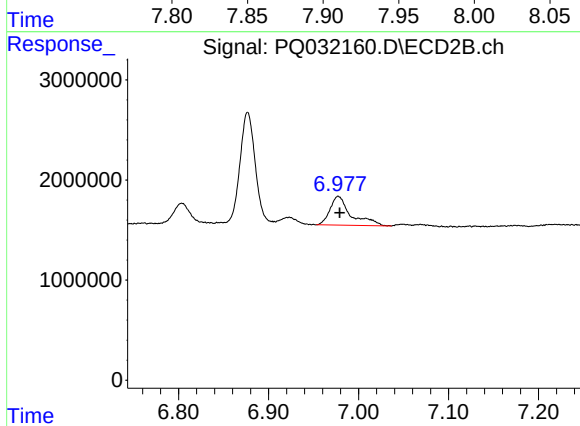
#29 AR-1254-4

R.T.: 6.559 min
Delta R.T.: -0.001 min
Response: 13759938
Conc: 120.91 ng/ml



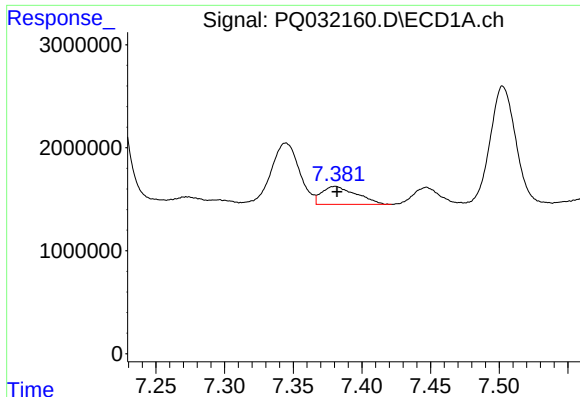
#30 AR-1254-5

R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 3809498
Conc: 27.60 ng/ml



#30 AR-1254-5

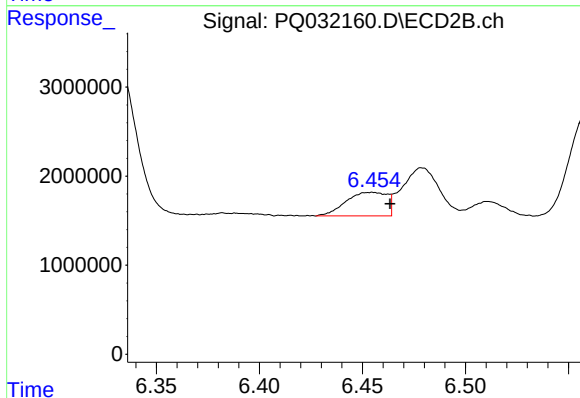
R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 4633849
Conc: 29.85 ng/ml



#31 AR-1260-1

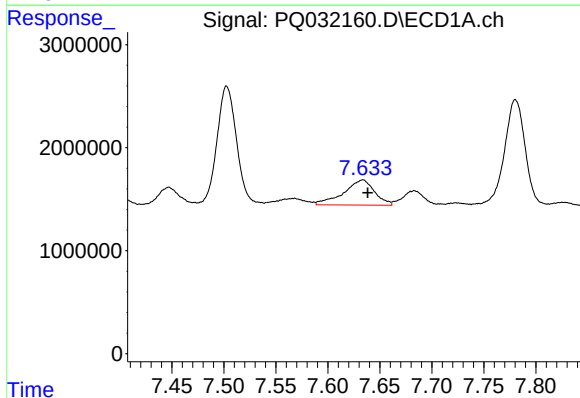
R.T.: 7.380 min
Delta R.T.: -0.001 min
Response: 3052798
Conc: 24.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



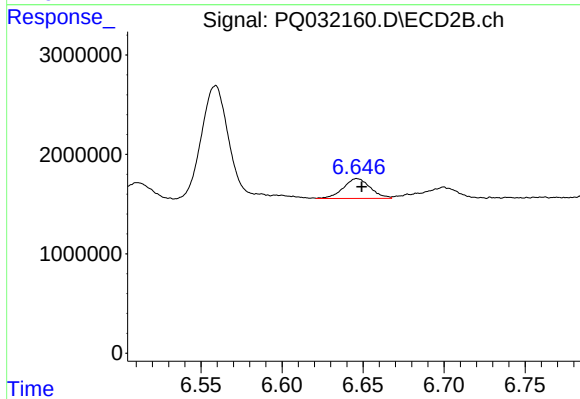
#31 AR-1260-1

R.T.: 6.454 min
Delta R.T.: -0.009 min
Response: 3667402
Conc: 32.79 ng/ml



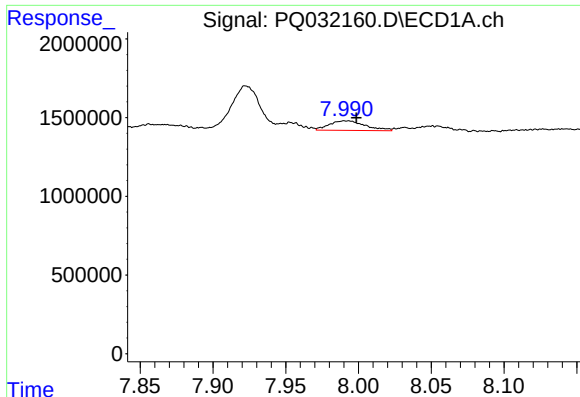
#32 AR-1260-2

R.T.: 7.634 min
Delta R.T.: -0.005 min
Response: 5065483
Conc: 34.50 ng/ml



#32 AR-1260-2

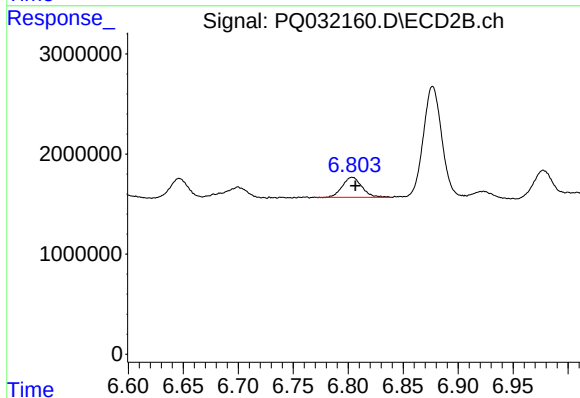
R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 2313974
Conc: 17.02 ng/ml



#33 AR-1260-3

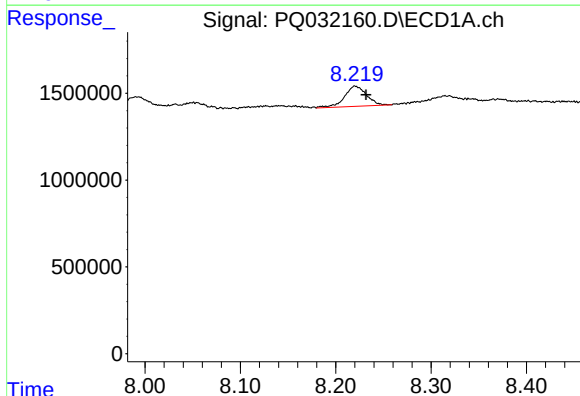
R.T.: 7.991 min
Delta R.T.: -0.007 min
Response: 1047693
Conc: 9.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



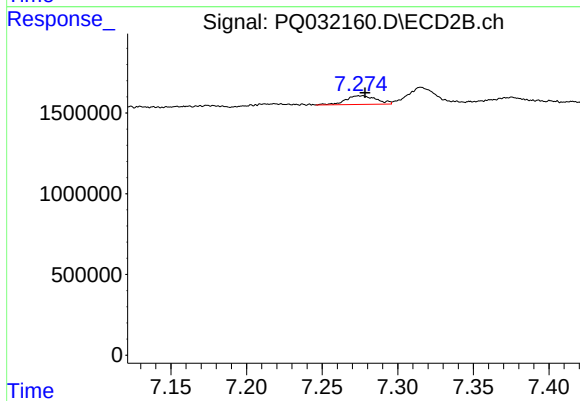
#33 AR-1260-3

R.T.: 6.804 min
Delta R.T.: -0.003 min
Response: 2488247
Conc: 19.81 ng/ml



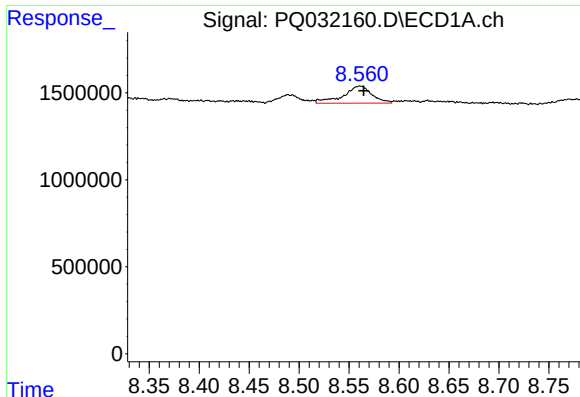
#34 AR-1260-4

R.T.: 8.220 min
Delta R.T.: -0.012 min
Response: 1867079
Conc: 15.35 ng/ml



#34 AR-1260-4

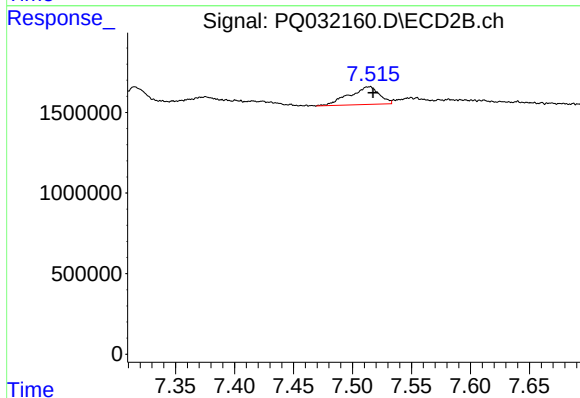
R.T.: 7.275 min
Delta R.T.: -0.003 min
Response: 764728
Conc: 7.51 ng/ml



#35 AR-1260-5

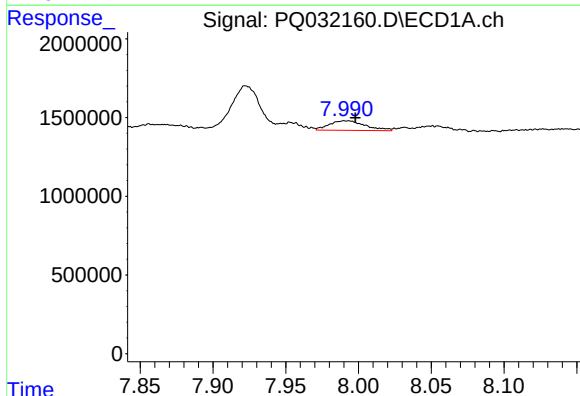
R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 1972082
Conc: 8.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



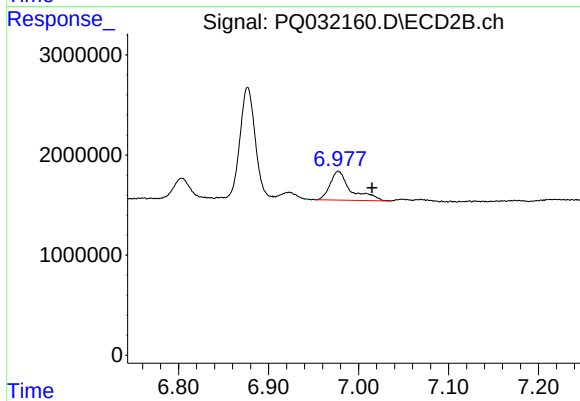
#35 AR-1260-5

R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 1952725
Conc: 7.91 ng/ml



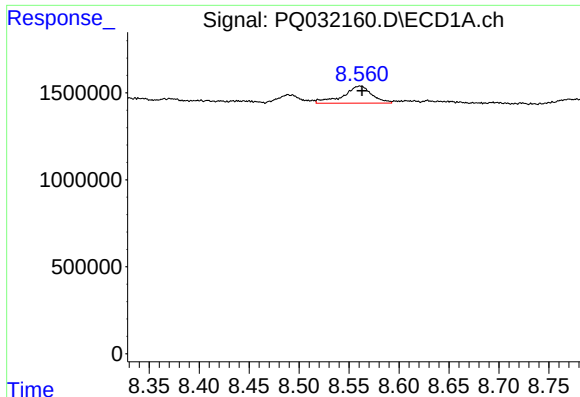
#36 AR-1262-1

R.T.: 7.991 min
Delta R.T.: -0.007 min
Response: 1047693
Conc: 7.39 ng/ml



#36 AR-1262-1

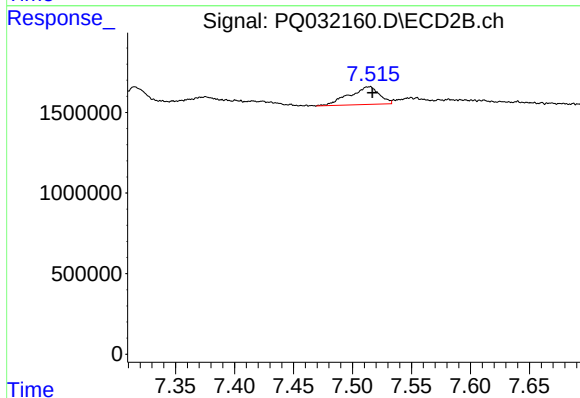
R.T.: 6.978 min
Delta R.T.: -0.038 min
Response: 4633849
Conc: 33.22 ng/ml



#37 AR-1262-2

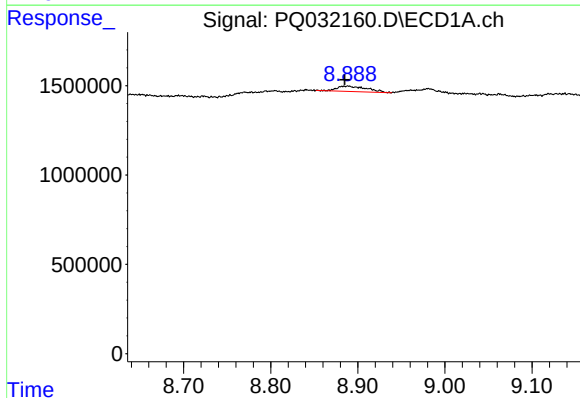
R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 1972082
Conc: 7.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



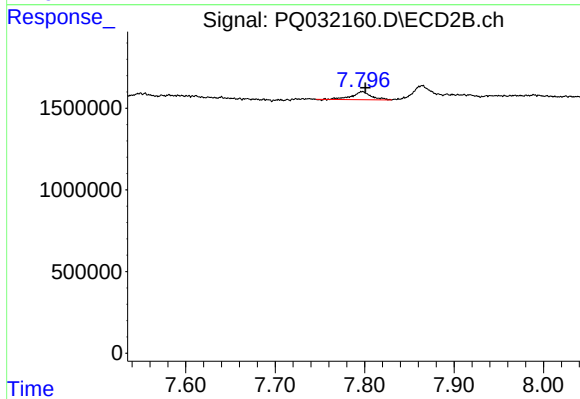
#37 AR-1262-2

R.T.: 7.514 min
Delta R.T.: -0.003 min
Response: 1952725
Conc: 7.45 ng/ml



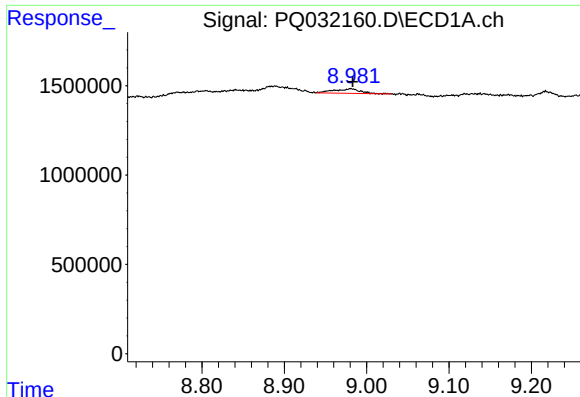
#38 AR-1262-3

R.T.: 8.884 min
Delta R.T.: 0.000 min
Response: 725390
Conc: 4.17 ng/ml



#38 AR-1262-3

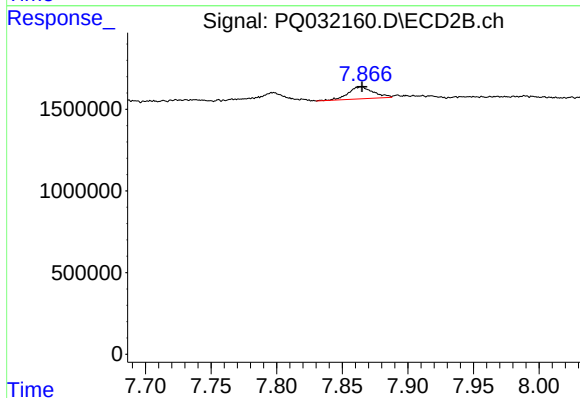
R.T.: 7.797 min
Delta R.T.: -0.004 min
Response: 734629
Conc: 7.52 ng/ml



#39 AR-1262-4

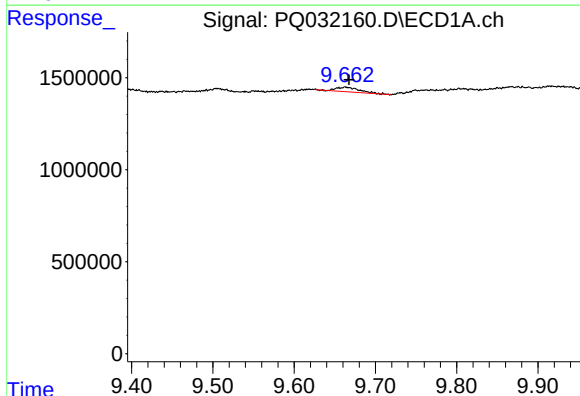
R.T.: 8.981 min
Delta R.T.: -0.002 min
Response: 560792
Conc: 4.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



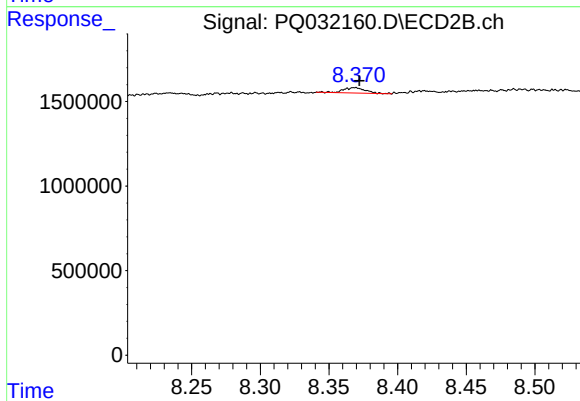
#39 AR-1262-4

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 963498
Conc: 5.14 ng/ml



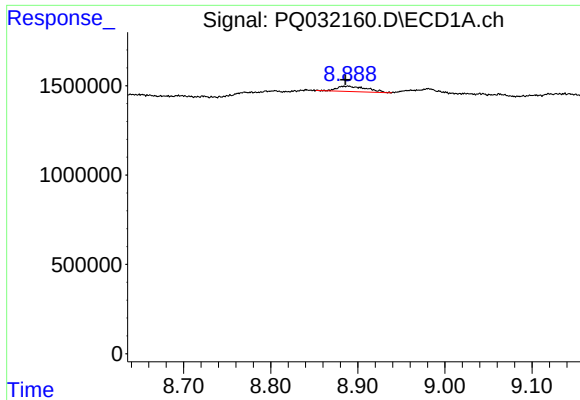
#40 AR-1262-5

R.T.: 9.663 min
Delta R.T.: -0.005 min
Response: 474796
Conc: 5.10 ng/ml



#40 AR-1262-5

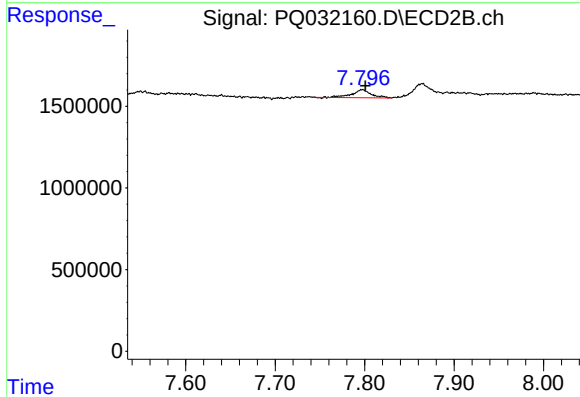
R.T.: 8.369 min
Delta R.T.: -0.003 min
Response: 362583
Conc: 4.15 ng/ml



#41 AR-1268-1

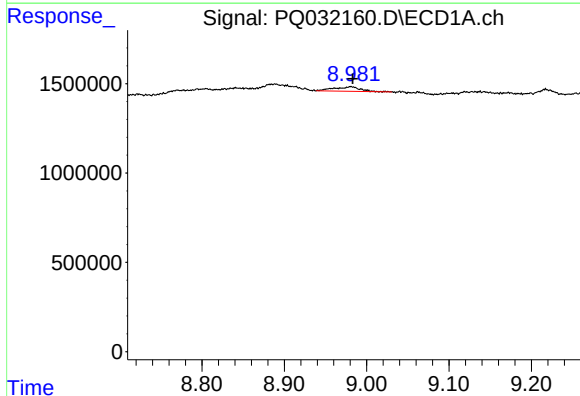
R.T.: 8.884 min
Delta R.T.: -0.001 min
Response: 725390
Conc: 2.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



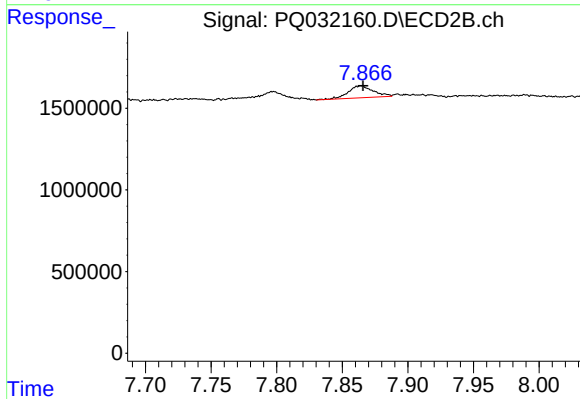
#41 AR-1268-1

R.T.: 7.797 min
Delta R.T.: -0.004 min
Response: 734629
Conc: 2.20 ng/ml



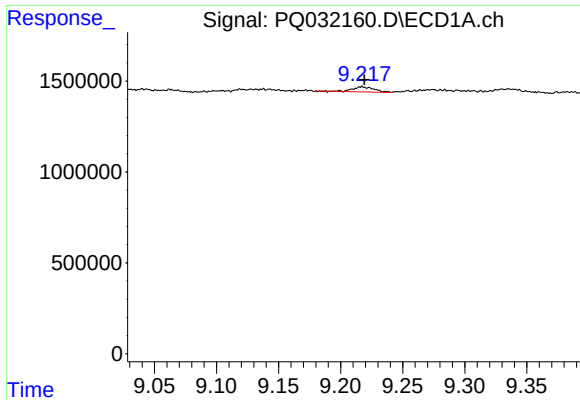
#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: -0.002 min
Response: 560792
Conc: 1.78 ng/ml



#42 AR-1268-2

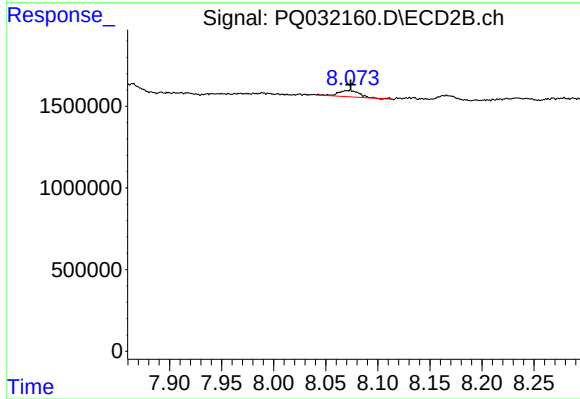
R.T.: 7.864 min
Delta R.T.: -0.001 min
Response: 963498
Conc: 3.20 ng/ml



#43 AR-1268-3

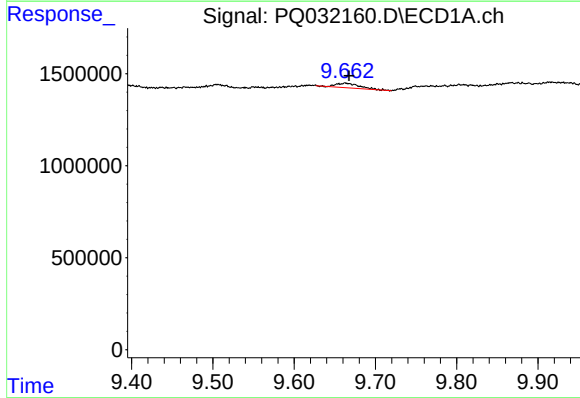
R.T.: 9.217 min
Delta R.T.: -0.002 min
Response: 329600
Conc: 1.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



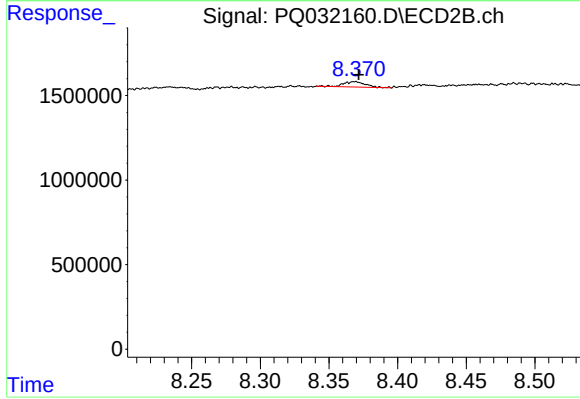
#43 AR-1268-3

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 513676
Conc: 2.06 ng/ml



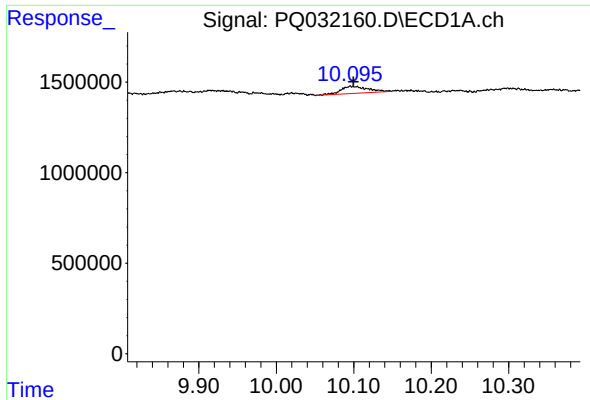
#44 AR-1268-4

R.T.: 9.663 min
Delta R.T.: -0.005 min
Response: 474796
Conc: 4.09 ng/ml



#44 AR-1268-4

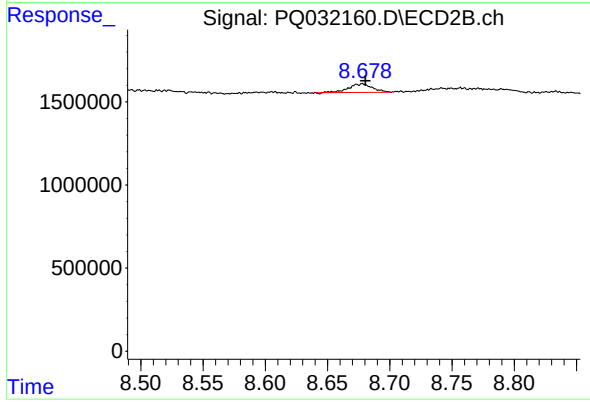
R.T.: 8.369 min
Delta R.T.: -0.003 min
Response: 362583
Conc: 3.36 ng/ml



#45 AR-1268-5

R.T.: 10.096 min
Delta R.T.: -0.004 min
Response: 936866
Conc: 1.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.678 min
Delta R.T.: -0.002 min
Response: 676510
Conc: 0.85 ng/ml