

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110118\
 Data File : PQ033948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2018 10:19
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:29:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 17:29:03 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...	4.557	3.837	47372889	34465256	23.092	22.159
2)	SA Decachlor...	10.372	8.874	68068582	59888056	36.009	37.254
Target Compounds							
3)	L1 AR-1016-1	5.732	4.926	29939157	25919366	429.976	452.757
4)	L1 AR-1016-2	5.754	4.945	45766171	36599834	444.297	459.313
5)	L1 AR-1016-3	5.818	5.123	26733786	18199255	426.940	438.745
6)	L1 AR-1016-4	5.917	5.162	19465484	14682679	385.138	428.518
7)	L1 AR-1016-5	6.210	5.377	16519023	19359711	320.565	423.710 #
8)	L2 AR-1221-1	4.759	4.080	-27875	39696	N.D.	2.148 #
9)	L2 AR-1221-2	4.855	4.187	2966297	-43398	180.178	N.D. #
10)	L2 AR-1221-3	4.933	4.213	-3257769	3047208	N.D.	66.633 #
11)	L3 AR-1232-1	4.933	4.213	-3257769	3047208	N.D.	88.057 #
12)	L3 AR-1232-2	5.495	4.978	39392	1967484	1.668	52.324 #
13)	L3 AR-1232-3	5.754	5.162	45766171	14682679	957.259	749.660
14)	L3 AR-1232-4	5.963	5.236	111448	7178345	4.679	418.240 #
15)	L3 AR-1232-5	6.050	5.418	19987804	6932361	1120.758	355.504 #
16)	L4 AR-1242-1	5.754	4.945	45766171	36599834	766.902	752.181
17)	L4 AR-1242-2	5.754	4.978	45766171	1967484	526.969	29.148 #
18)	L4 AR-1242-3	5.818	5.162	26733786	14682679	511.272	400.830
19)	L4 AR-1242-4	5.963	5.236	111448	7178345	2.584	194.889 #
20)	L4 AR-1242-5	6.684	5.770	851218	4043499	17.267	84.170 #
21)	L5 AR-1248-1	5.754	4.945	45766171	36599834	922.654	893.118
22)	L5 AR-1248-2	6.050	5.204	19987804	18403981	271.750	334.987
23)	L5 AR-1248-3	6.251	5.236	7209483	7178345	88.217	128.179 #
24)	L5 AR-1248-4	6.653	5.418	17628267	6932361	188.193	100.514 #
25)	L5 AR-1248-5	6.684	5.818	851218	2877852	9.585	41.631 #
26)	L6 AR-1254-1	6.613	5.770	15283356	4043499	154.218	35.891 #
27)	L6 AR-1254-2	6.850	5.930	4645823	1313387	29.728	13.301 #
28)	L6 AR-1254-3	7.229	6.331	41217878	10857495	242.909	65.332 #
29)	L6 AR-1254-4	7.490	6.534	270438	9903716	2.190	93.083 #
30)	L6 AR-1254-5	7.910	6.958	7928707	32792483	59.894	223.252 #
31)	L7 AR-1260-1	7.335	6.408	56211940	39076001	525.557	416.038
32)	L7 AR-1260-2	7.591	6.594	48392613	49190943	383.231	422.202
33)	L7 AR-1260-3	7.952	6.749	31907695	45411243	409.642	421.088
34)	L7 AR-1260-4	8.183	7.220	42181877	31798269	416.705	413.666
35)	L7 AR-1260-5	8.513	7.460	77988078	77687290	413.012	404.373
36)	L8 AR-1262-1	7.952	7.014	31907695	17760178	236.724	138.197 #
37)	L8 AR-1262-2	8.568	7.516	4984615	1828588	20.158	7.634 #
38)	L8 AR-1262-3	8.852	7.807	31051836	56714139	187.728	608.857 #
39)	L8 AR-1262-4	8.970	7.868	73928	516499	1.085	2.967 #
40)	L8 AR-1262-5	9.602	8.351	17588814	-1011254	201.037	N.D. #
41)	L9 AR-1268-1	8.852	7.807	31051836	56714139	84.675	165.883 #

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 Acq On : 31 Oct 2018 10:19
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

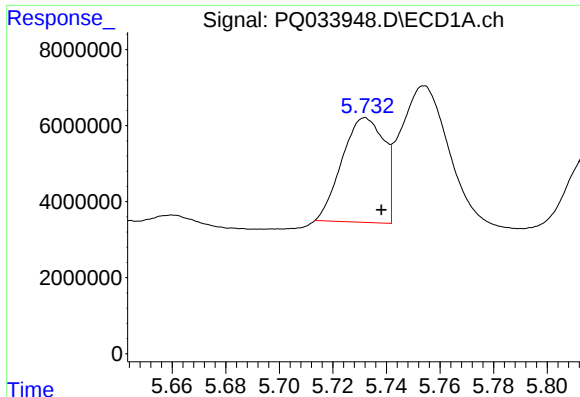
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:29:04 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 17:29:03 2018
 Response via : Initial Calibration
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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	8.970	7.868	73928	516499	0.222	1.671 #
43) L9	AR-1268-3	9.259	8.063	791194	3562447	2.807	13.925 #
44) L9	AR-1268-4	9.602	8.351	17588814	-1011254	145.580	N.D. #
45) L9	AR-1268-5	10.027	8.664	1025286	316289	1.109	0.378 #

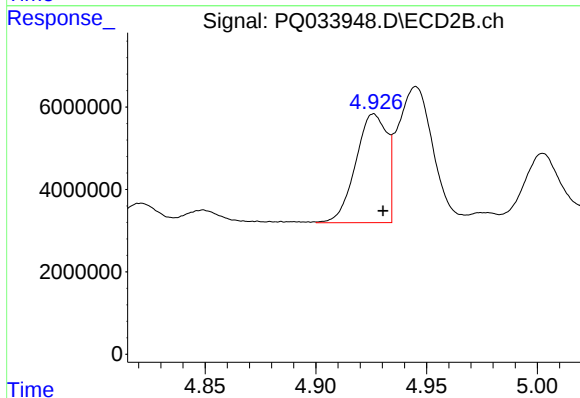
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

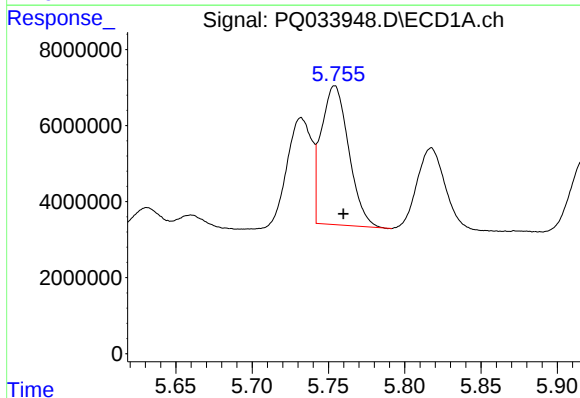
R.T.: 5.732 min
Delta R.T.: -0.006 min
Response: 29939157
Conc: 429.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



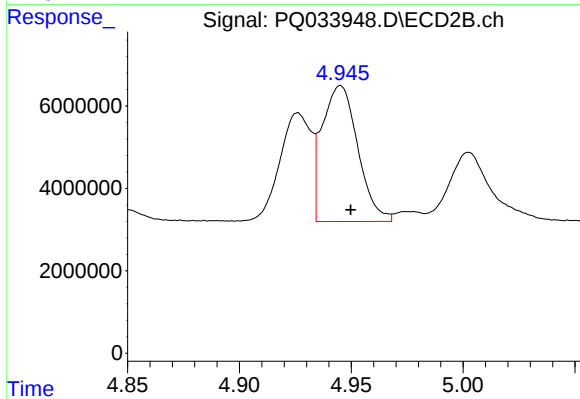
#3 AR-1016-1

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 25919366
Conc: 452.76 ng/ml



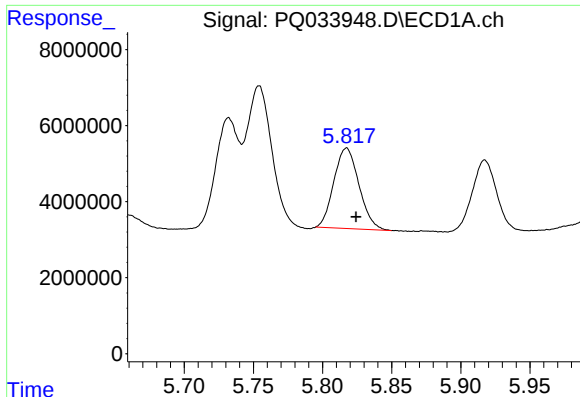
#4 AR-1016-2

R.T.: 5.754 min
Delta R.T.: -0.006 min
Response: 45766171
Conc: 444.30 ng/ml



#4 AR-1016-2

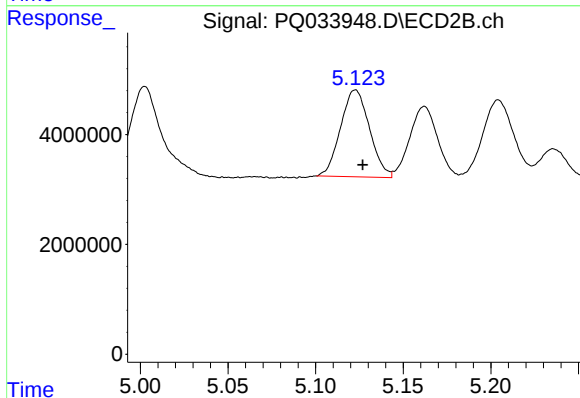
R.T.: 4.945 min
Delta R.T.: -0.005 min
Response: 36599834
Conc: 459.31 ng/ml



#5 AR-1016-3

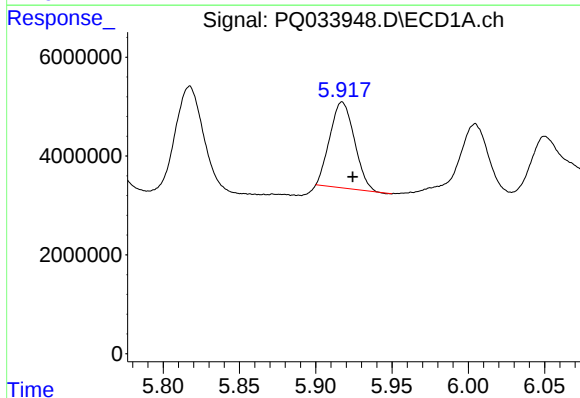
R.T.: 5.818 min
Delta R.T.: -0.007 min
Response: 26733786
Conc: 426.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



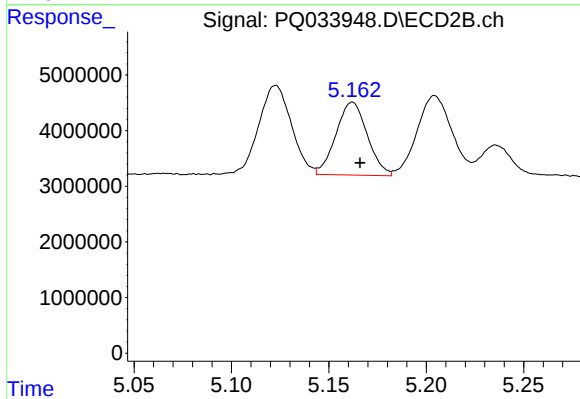
#5 AR-1016-3

R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 18199255
Conc: 438.75 ng/ml



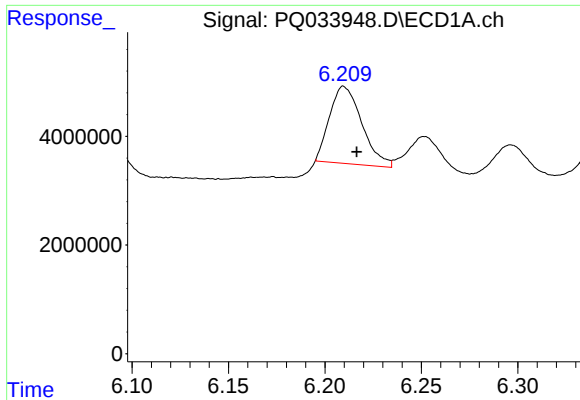
#6 AR-1016-4

R.T.: 5.917 min
Delta R.T.: -0.007 min
Response: 19465484
Conc: 385.14 ng/ml



#6 AR-1016-4

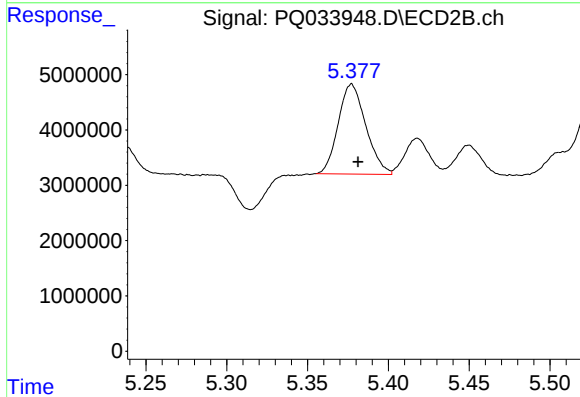
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 14682679
Conc: 428.52 ng/ml



#7 AR-1016-5

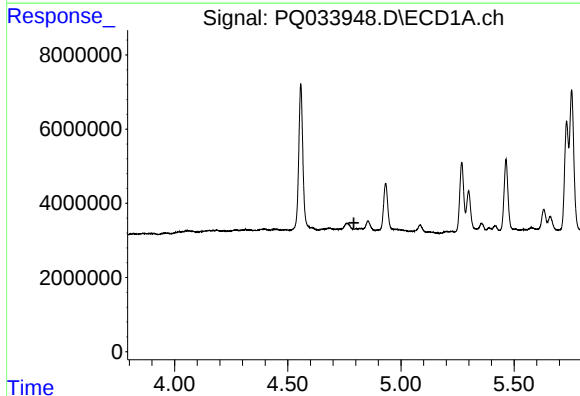
R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 16519023
Conc: 320.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



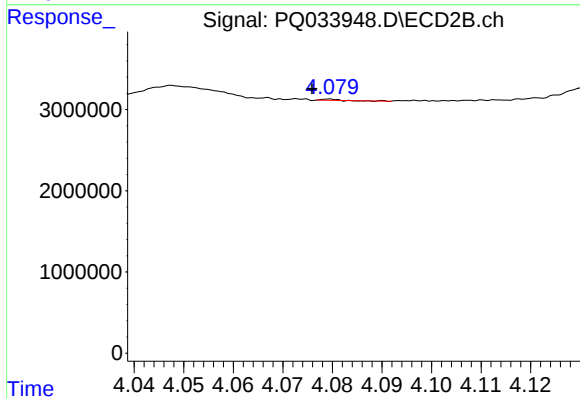
#7 AR-1016-5

R.T.: 5.377 min
Delta R.T.: -0.004 min
Response: 19359711
Conc: 423.71 ng/ml



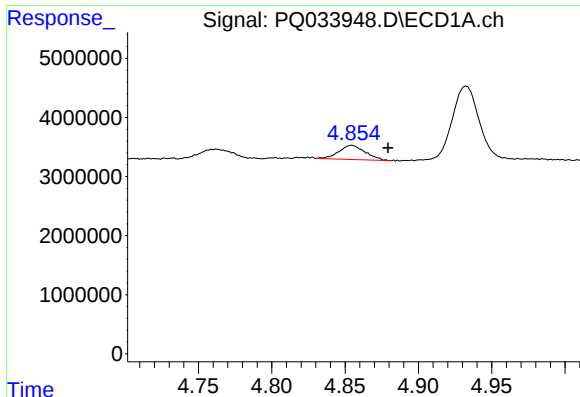
#8 AR-1221-1

R.T.: 4.759 min
Delta R.T.: -0.033 min
Response: -27875
Conc: N.D.



#8 AR-1221-1

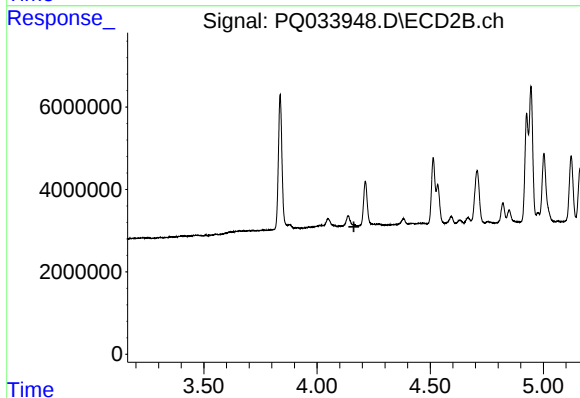
R.T.: 4.080 min
Delta R.T.: 0.004 min
Response: 39696
Conc: 2.15 ng/ml



#9 AR-1221-2

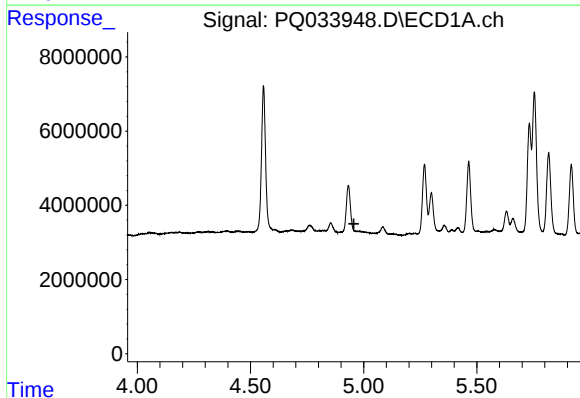
R.T.: 4.855 min
Delta R.T.: -0.025 min
Response: 2966297
Conc: 180.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



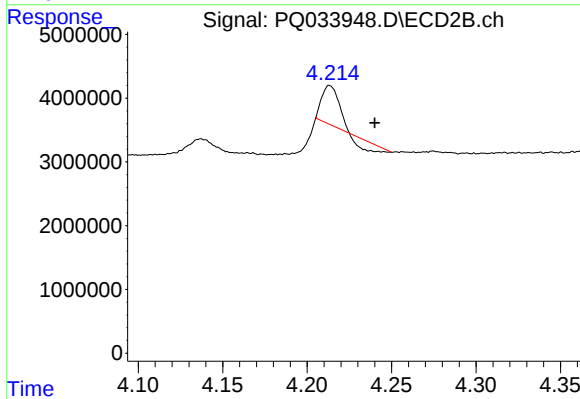
#9 AR-1221-2

R.T.: 4.187 min
Delta R.T.: 0.024 min
Response: -43398
Conc: N.D.



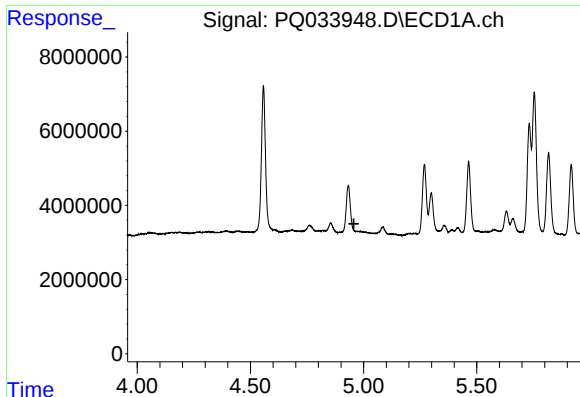
#10 AR-1221-3

R.T.: 4.933 min
Delta R.T.: -0.024 min
Response: -3257769
Conc: N.D.



#10 AR-1221-3

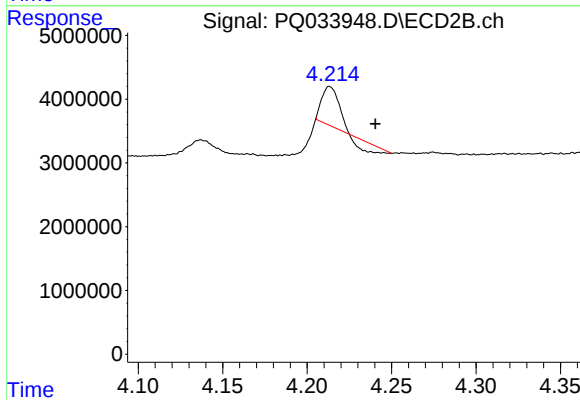
R.T.: 4.213 min
Delta R.T.: -0.027 min
Response: 3047208
Conc: 66.63 ng/ml



#11 AR-1232-1

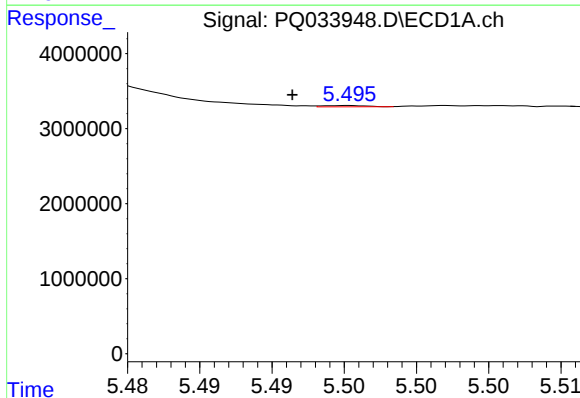
R.T.: 4.933 min
Delta R.T.: -0.025 min
Response: -3257769
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



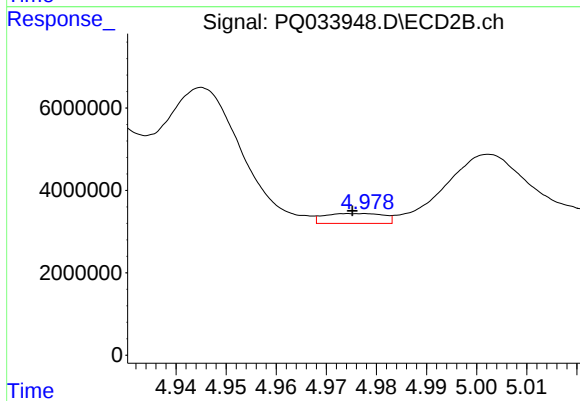
#11 AR-1232-1

R.T.: 4.213 min
Delta R.T.: -0.027 min
Response: 3047208
Conc: 88.06 ng/ml



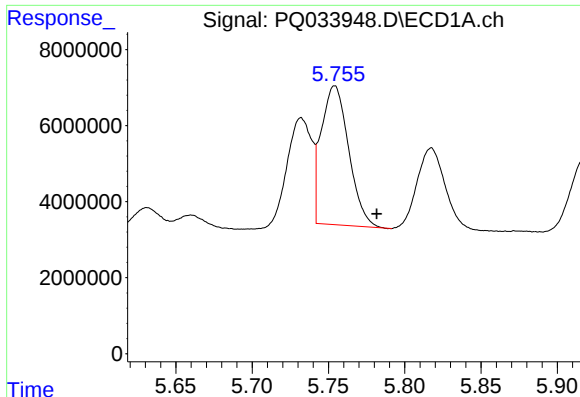
#12 AR-1232-2

R.T.: 5.495 min
Delta R.T.: 0.004 min
Response: 39392
Conc: 1.67 ng/ml



#12 AR-1232-2

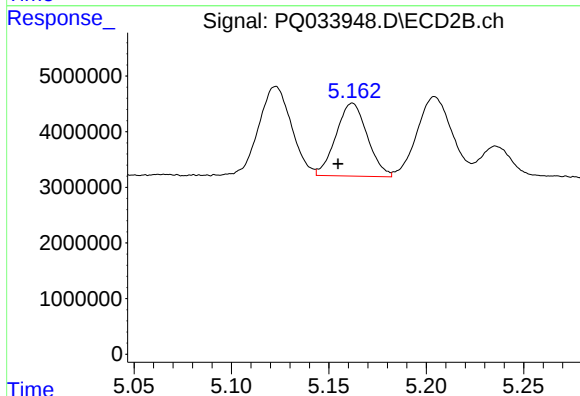
R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 1967484
Conc: 52.32 ng/ml



#13 AR-1232-3

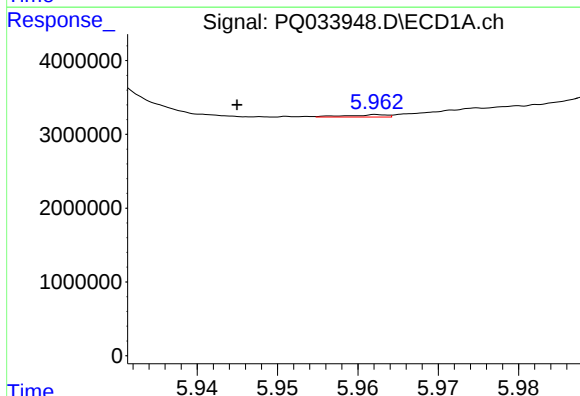
R.T.: 5.754 min
Delta R.T.: -0.027 min
Response: 45766171
Conc: 957.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



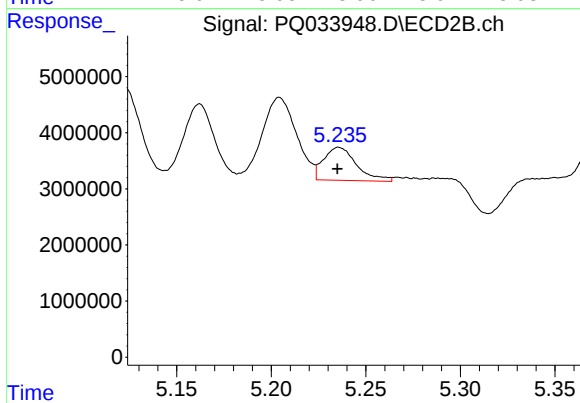
#13 AR-1232-3

R.T.: 5.162 min
Delta R.T.: 0.007 min
Response: 14682679
Conc: 749.66 ng/ml



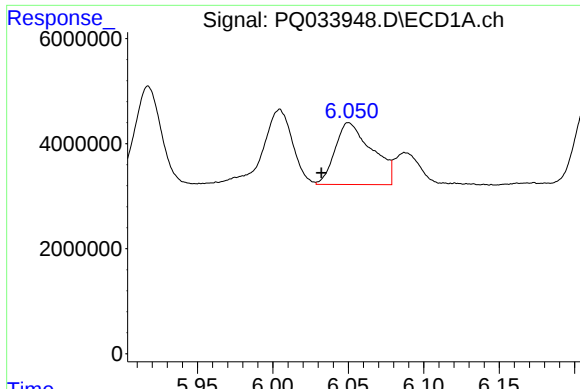
#14 AR-1232-4

R.T.: 5.963 min
Delta R.T.: 0.018 min
Response: 111448
Conc: 4.68 ng/ml



#14 AR-1232-4

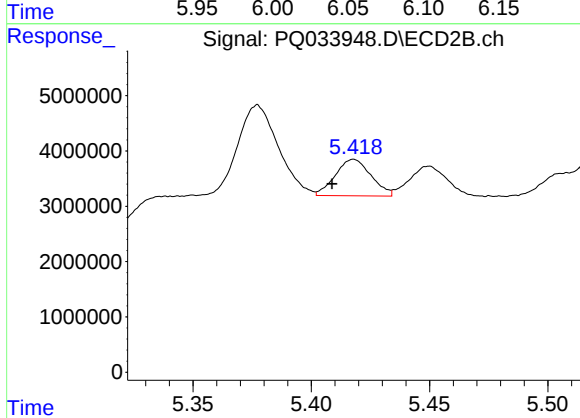
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 7178345
Conc: 418.24 ng/ml



#15 AR-1232-5

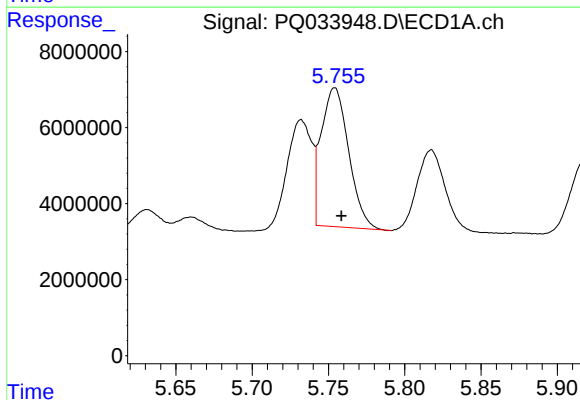
R.T.: 6.050 min
Delta R.T.: 0.018 min
Response: 19987804
Conc: 1120.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



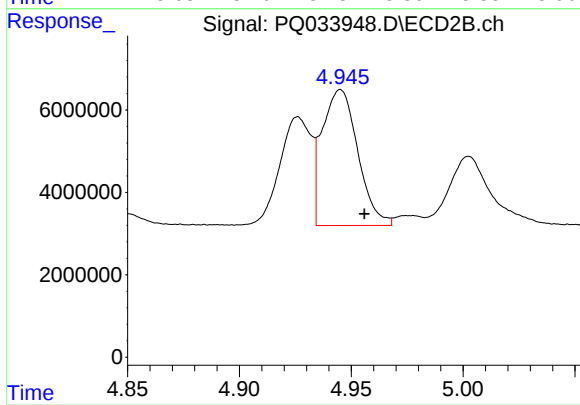
#15 AR-1232-5

R.T.: 5.418 min
Delta R.T.: 0.009 min
Response: 6932361
Conc: 355.50 ng/ml



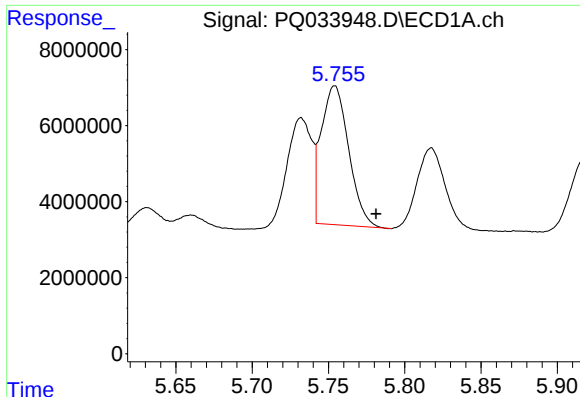
#16 AR-1242-1

R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 45766171
Conc: 766.90 ng/ml



#16 AR-1242-1

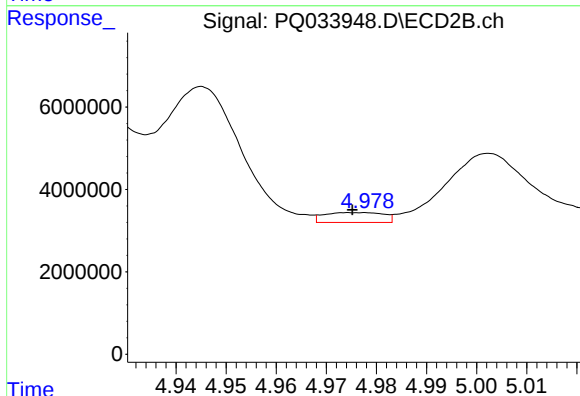
R.T.: 4.945 min
Delta R.T.: -0.011 min
Response: 36599834
Conc: 752.18 ng/ml



#17 AR-1242-2

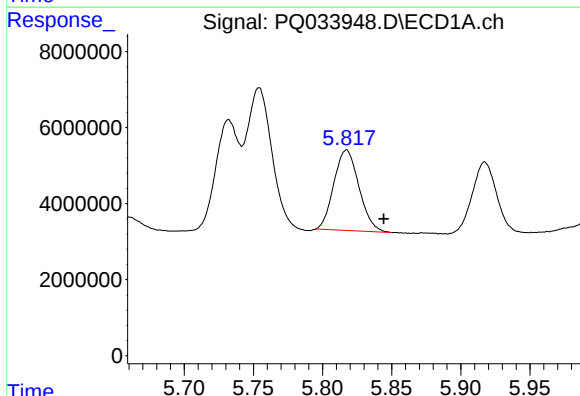
R.T.: 5.754 min
Delta R.T.: -0.027 min
Response: 45766171
Conc: 526.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



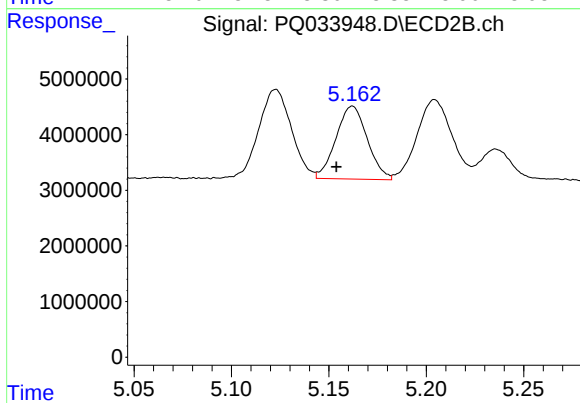
#17 AR-1242-2

R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 1967484
Conc: 29.15 ng/ml



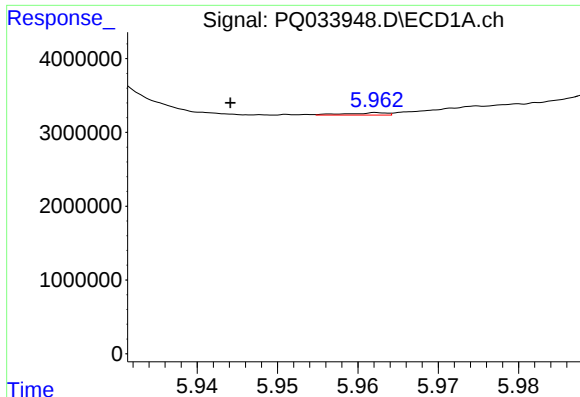
#18 AR-1242-3

R.T.: 5.818 min
Delta R.T.: -0.026 min
Response: 26733786
Conc: 511.27 ng/ml



#18 AR-1242-3

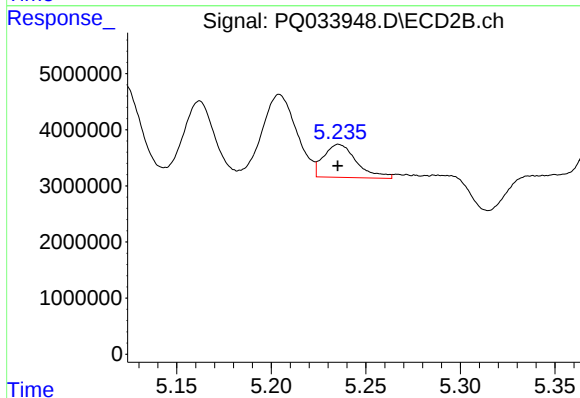
R.T.: 5.162 min
Delta R.T.: 0.008 min
Response: 14682679
Conc: 400.83 ng/ml



#19 AR-1242-4

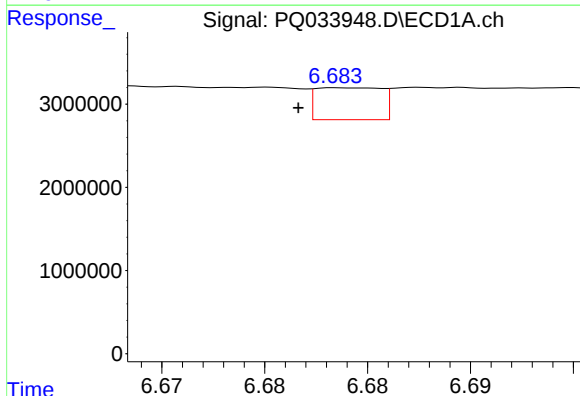
R.T.: 5.963 min
Delta R.T.: 0.018 min
Response: 111448
Conc: 2.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



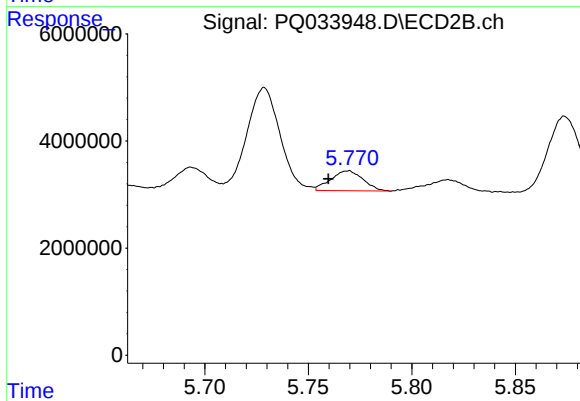
#19 AR-1242-4

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 7178345
Conc: 194.89 ng/ml



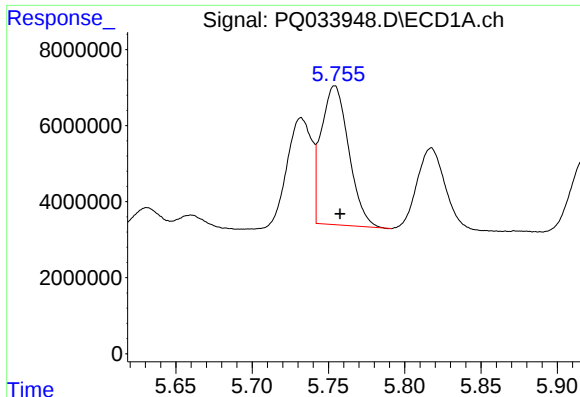
#20 AR-1242-5

R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 851218
Conc: 17.27 ng/ml



#20 AR-1242-5

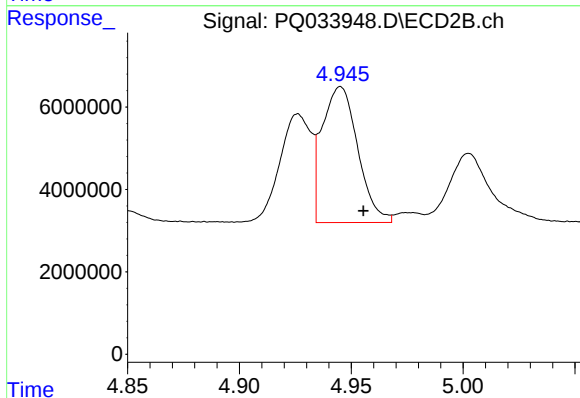
R.T.: 5.770 min
Delta R.T.: 0.010 min
Response: 4043499
Conc: 84.17 ng/ml



#21 AR-1248-1

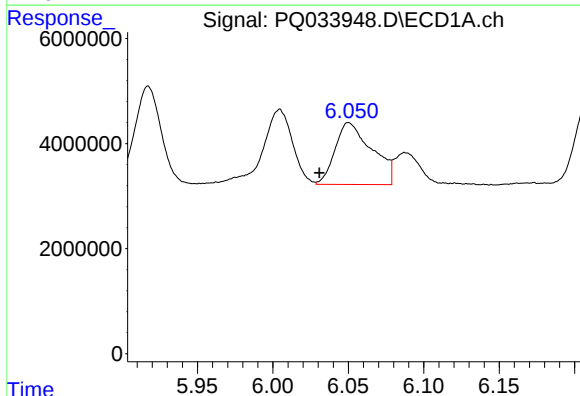
R.T.: 5.754 min
Delta R.T.: -0.003 min
Response: 45766171
Conc: 922.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



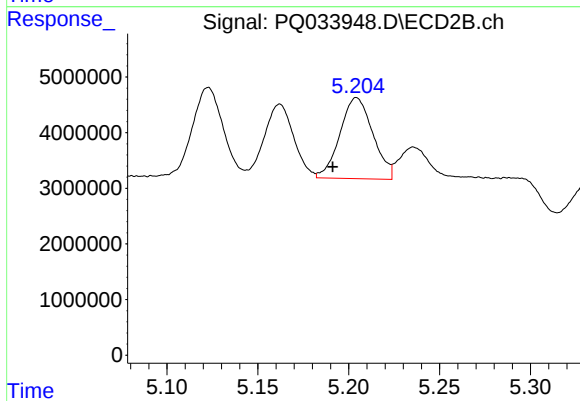
#21 AR-1248-1

R.T.: 4.945 min
Delta R.T.: -0.010 min
Response: 36599834
Conc: 893.12 ng/ml



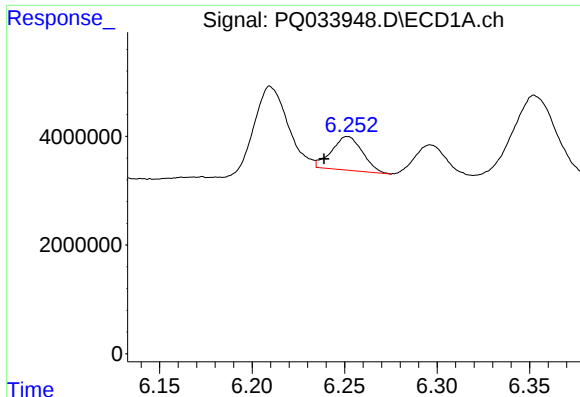
#22 AR-1248-2

R.T.: 6.050 min
Delta R.T.: 0.019 min
Response: 19987804
Conc: 271.75 ng/ml



#22 AR-1248-2

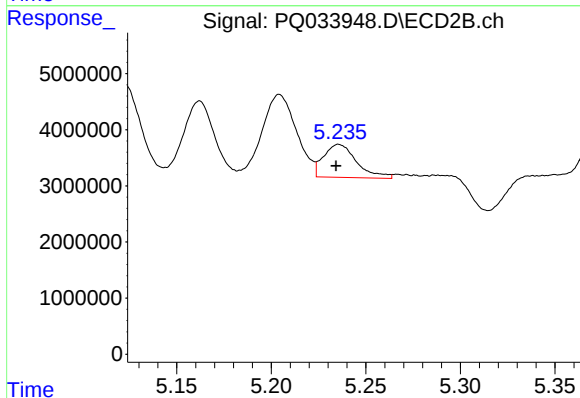
R.T.: 5.204 min
Delta R.T.: 0.013 min
Response: 18403981
Conc: 334.99 ng/ml



#23 AR-1248-3

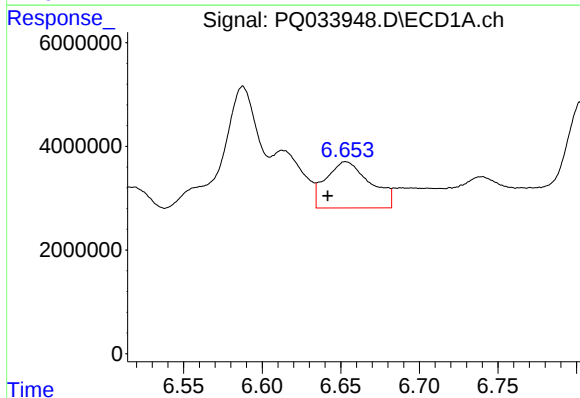
R.T.: 6.251 min
Delta R.T.: 0.012 min
Response: 7209483
Conc: 88.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



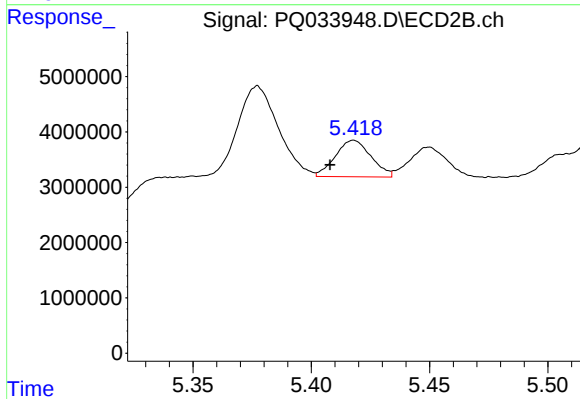
#23 AR-1248-3

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 7178345
Conc: 128.18 ng/ml



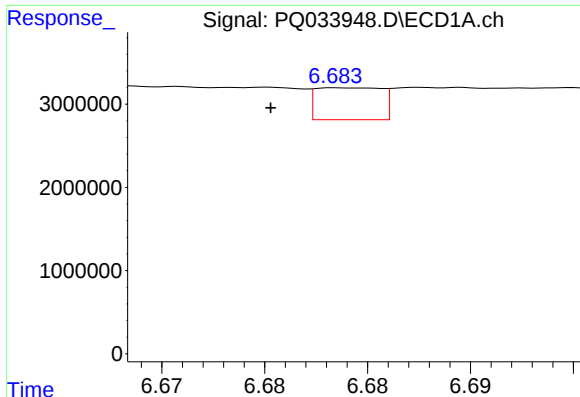
#24 AR-1248-4

R.T.: 6.653 min
Delta R.T.: 0.011 min
Response: 17628267
Conc: 188.19 ng/ml



#24 AR-1248-4

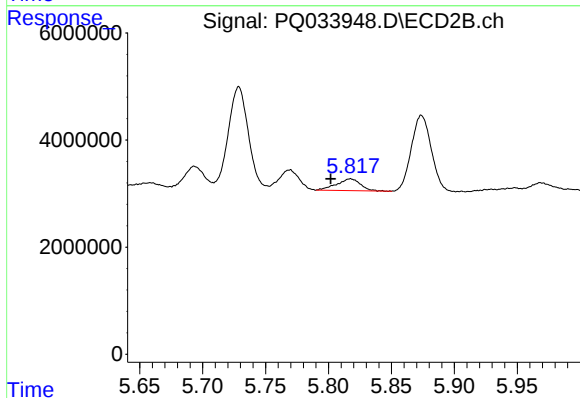
R.T.: 5.418 min
Delta R.T.: 0.010 min
Response: 6932361
Conc: 100.51 ng/ml



#25 AR-1248-5

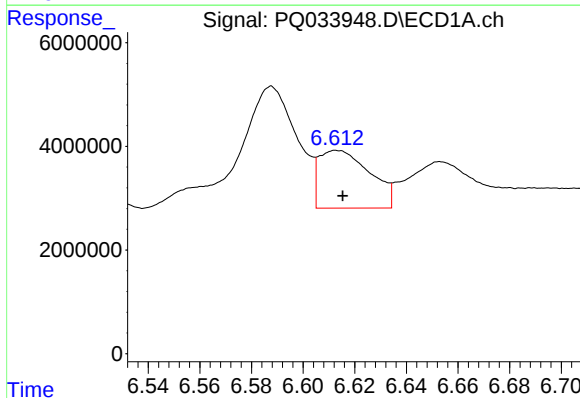
R.T.: 6.684 min
Delta R.T.: 0.004 min
Response: 851218
Conc: 9.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



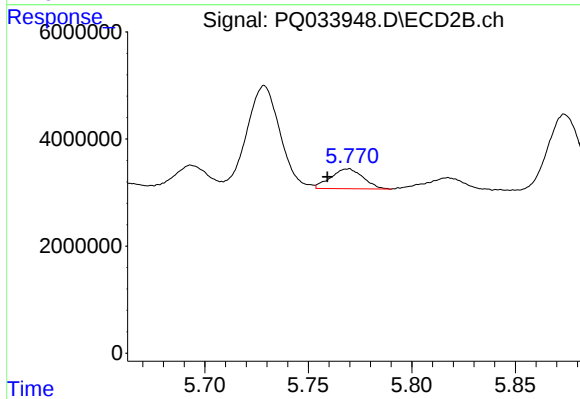
#25 AR-1248-5

R.T.: 5.818 min
Delta R.T.: 0.016 min
Response: 2877852
Conc: 41.63 ng/ml



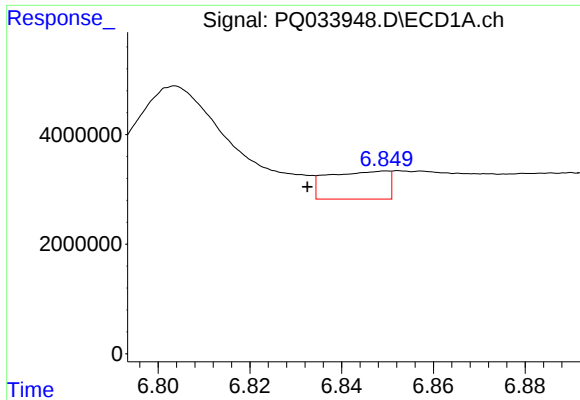
#26 AR-1254-1

R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 15283356
Conc: 154.22 ng/ml



#26 AR-1254-1

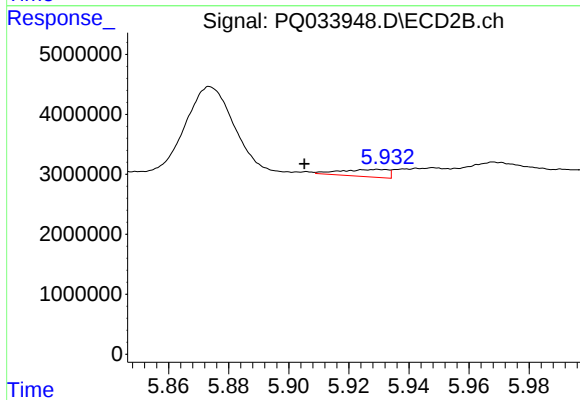
R.T.: 5.770 min
Delta R.T.: 0.011 min
Response: 4043499
Conc: 35.89 ng/ml



#27 AR-1254-2

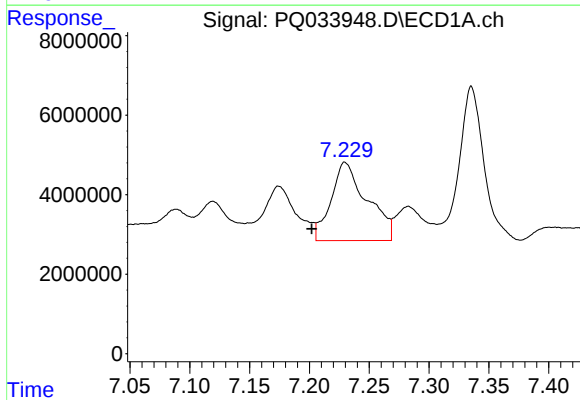
R.T.: 6.850 min
Delta R.T.: 0.017 min
Response: 4645823
Conc: 29.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



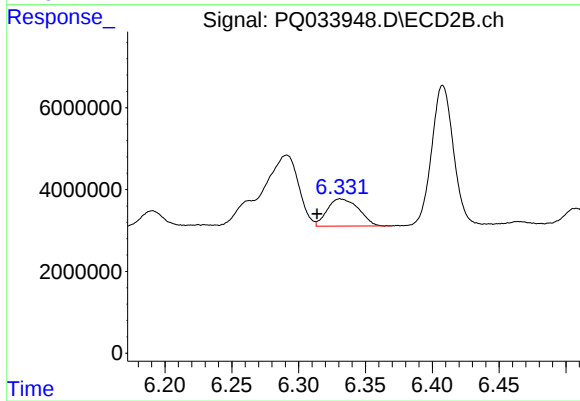
#27 AR-1254-2

R.T.: 5.930 min
Delta R.T.: 0.024 min
Response: 1313387
Conc: 13.30 ng/ml



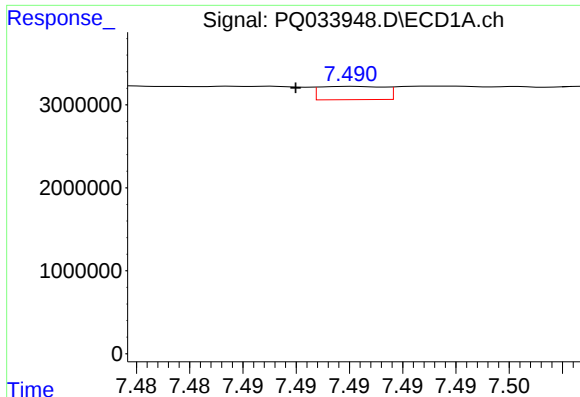
#28 AR-1254-3

R.T.: 7.229 min
Delta R.T.: 0.027 min
Response: 41217878
Conc: 242.91 ng/ml



#28 AR-1254-3

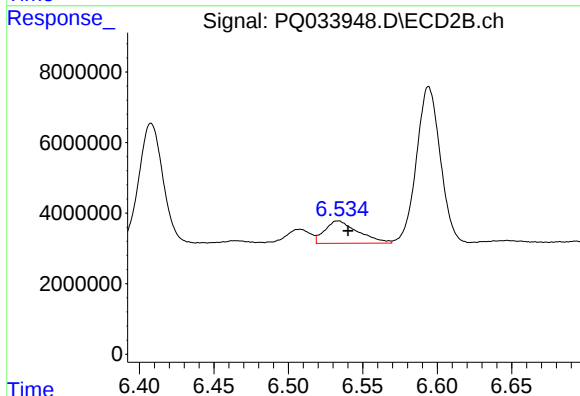
R.T.: 6.331 min
Delta R.T.: 0.017 min
Response: 10857495
Conc: 65.33 ng/ml



#29 AR-1254-4

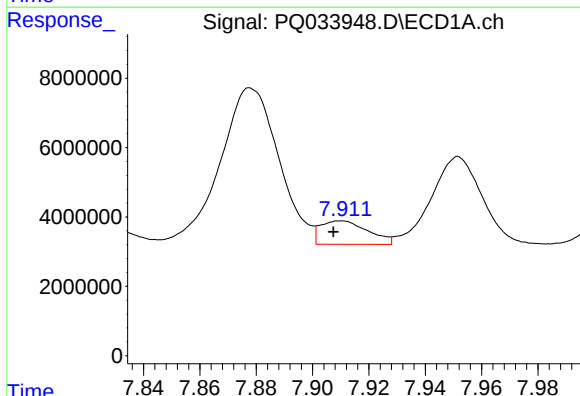
R.T.: 7.490 min
Delta R.T.: 0.002 min
Response: 270438
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



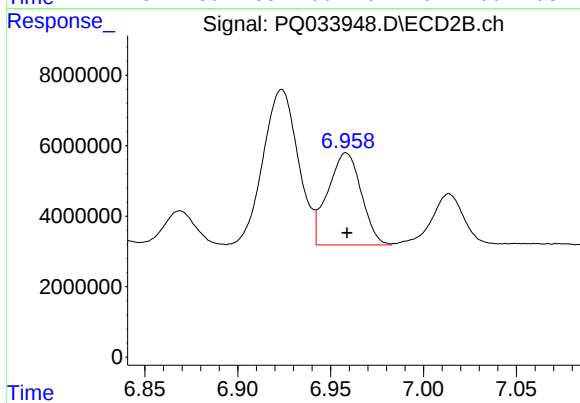
#29 AR-1254-4

R.T.: 6.534 min
Delta R.T.: -0.006 min
Response: 9903716
Conc: 93.08 ng/ml



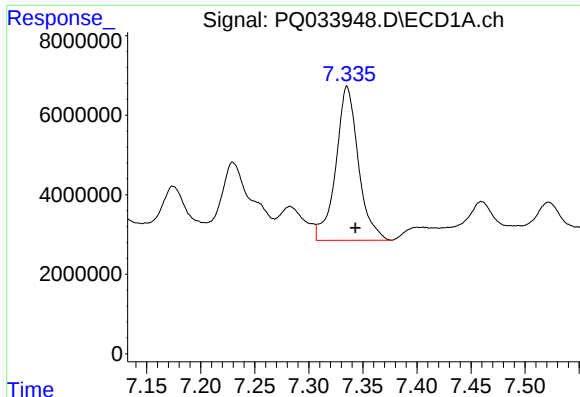
#30 AR-1254-5

R.T.: 7.910 min
Delta R.T.: 0.003 min
Response: 7928707
Conc: 59.89 ng/ml



#30 AR-1254-5

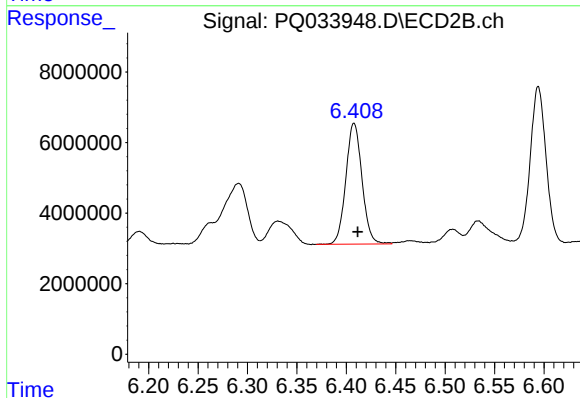
R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 32792483
Conc: 223.25 ng/ml



#31 AR-1260-1

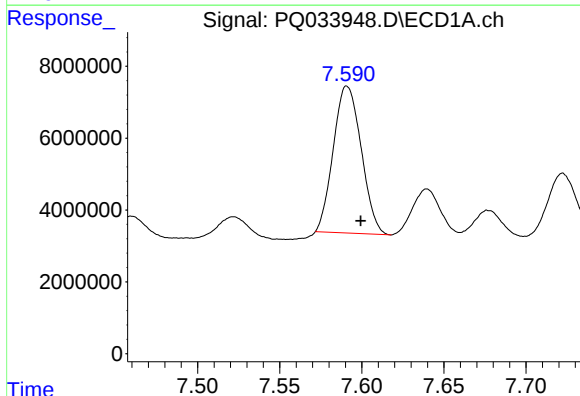
R.T.: 7.335 min
Delta R.T.: -0.008 min
Response: 56211940
Conc: 525.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



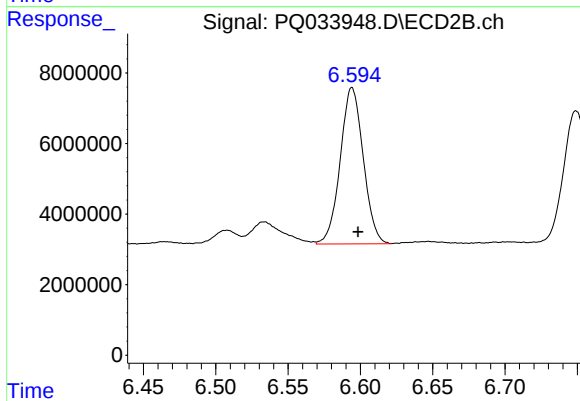
#31 AR-1260-1

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 39076001
Conc: 416.04 ng/ml



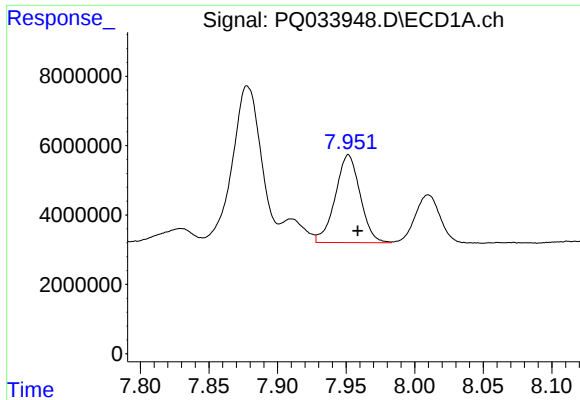
#32 AR-1260-2

R.T.: 7.591 min
Delta R.T.: -0.009 min
Response: 48392613
Conc: 383.23 ng/ml



#32 AR-1260-2

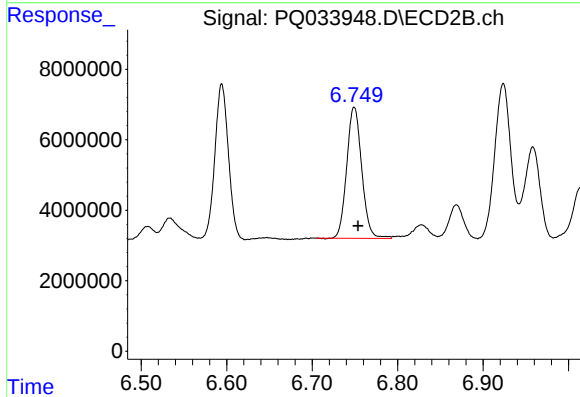
R.T.: 6.594 min
Delta R.T.: -0.004 min
Response: 49190943
Conc: 422.20 ng/ml



#33 AR-1260-3

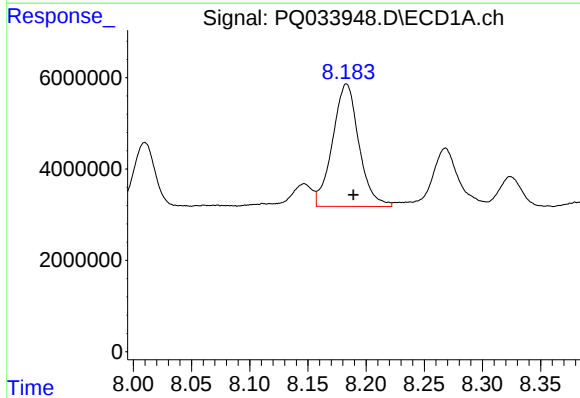
R.T.: 7.952 min
Delta R.T.: -0.007 min
Response: 31907695
Conc: 409.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



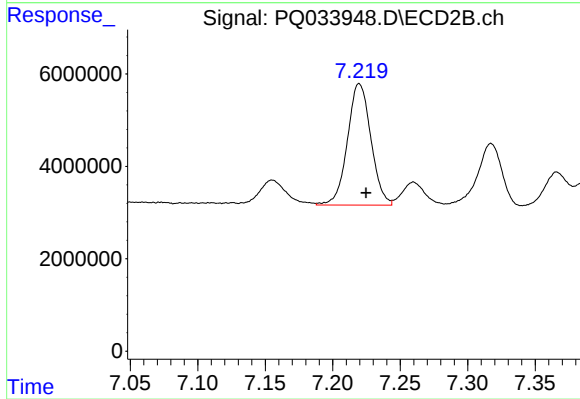
#33 AR-1260-3

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 45411243
Conc: 421.09 ng/ml



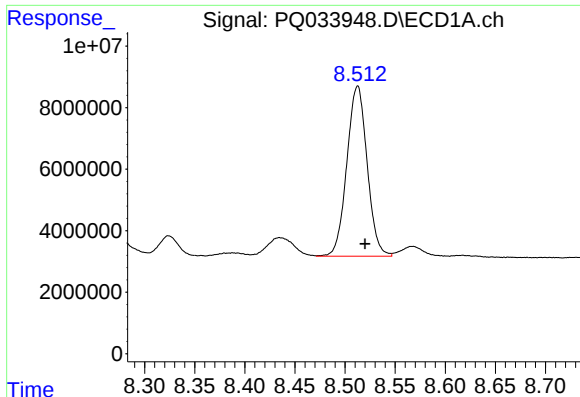
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.006 min
Response: 42181877
Conc: 416.70 ng/ml



#34 AR-1260-4

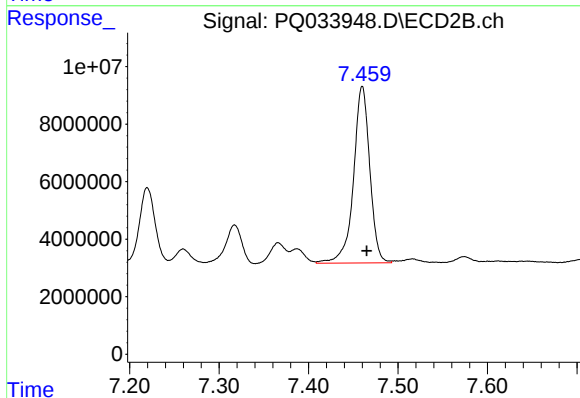
R.T.: 7.220 min
Delta R.T.: -0.005 min
Response: 31798269
Conc: 413.67 ng/ml



#35 AR-1260-5

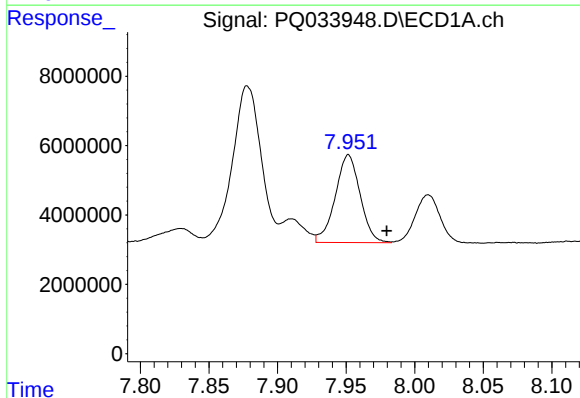
R.T.: 8.513 min
Delta R.T.: -0.007 min
Response: 77988078
Conc: 413.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



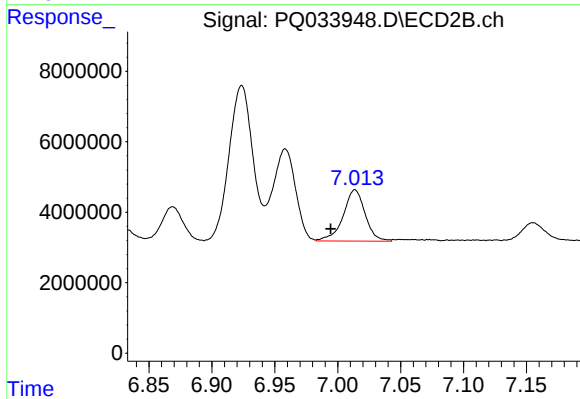
#35 AR-1260-5

R.T.: 7.460 min
Delta R.T.: -0.005 min
Response: 77687290
Conc: 404.37 ng/ml



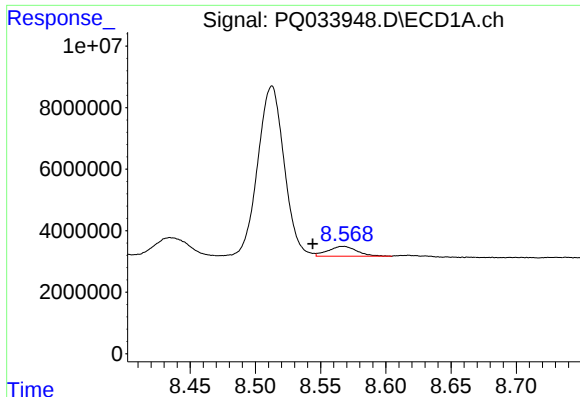
#36 AR-1262-1

R.T.: 7.952 min
Delta R.T.: -0.028 min
Response: 31907695
Conc: 236.72 ng/ml



#36 AR-1262-1

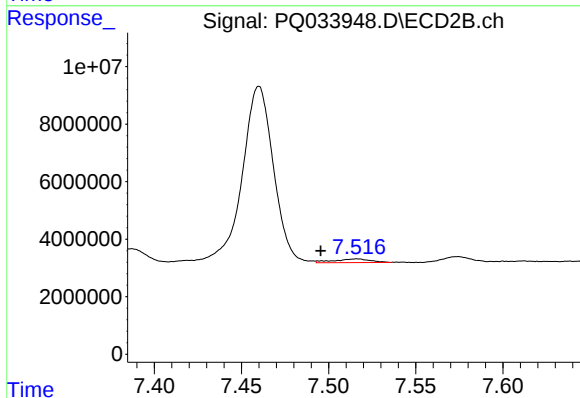
R.T.: 7.014 min
Delta R.T.: 0.019 min
Response: 17760178
Conc: 138.20 ng/ml



#37 AR-1262-2

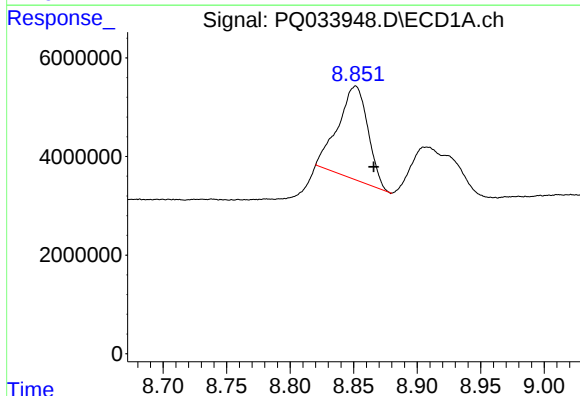
R.T.: 8.568 min
Delta R.T.: 0.024 min
Response: 4984615
Conc: 20.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



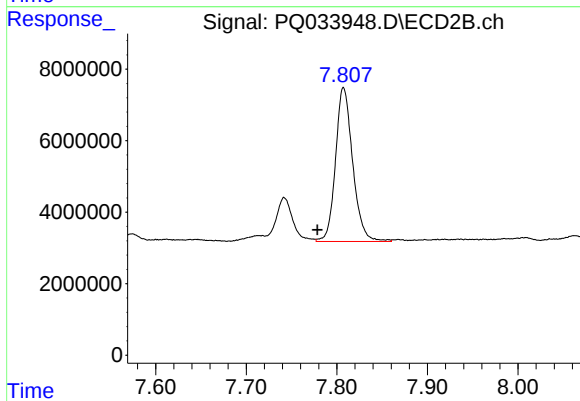
#37 AR-1262-2

R.T.: 7.516 min
Delta R.T.: 0.021 min
Response: 1828588
Conc: 7.63 ng/ml



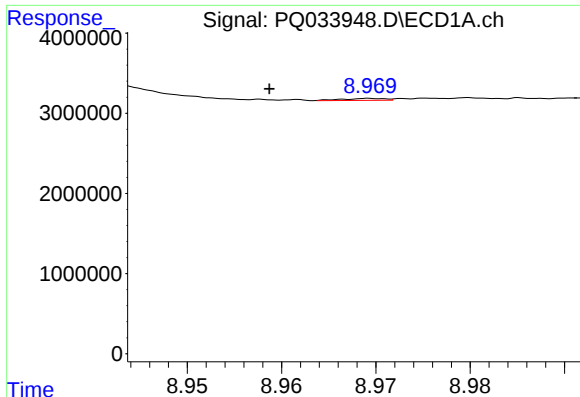
#38 AR-1262-3

R.T.: 8.852 min
Delta R.T.: -0.014 min
Response: 31051836
Conc: 187.73 ng/ml



#38 AR-1262-3

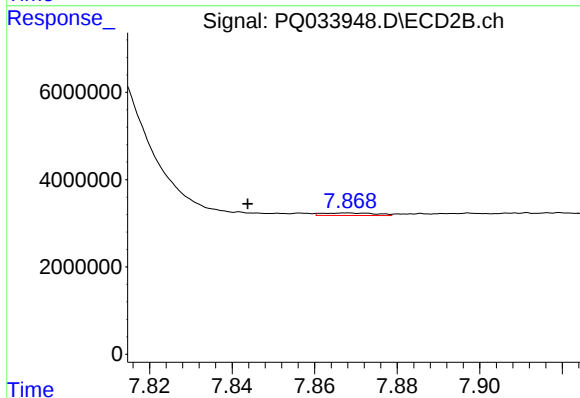
R.T.: 7.807 min
Delta R.T.: 0.029 min
Response: 56714139
Conc: 608.86 ng/ml



#39 AR-1262-4

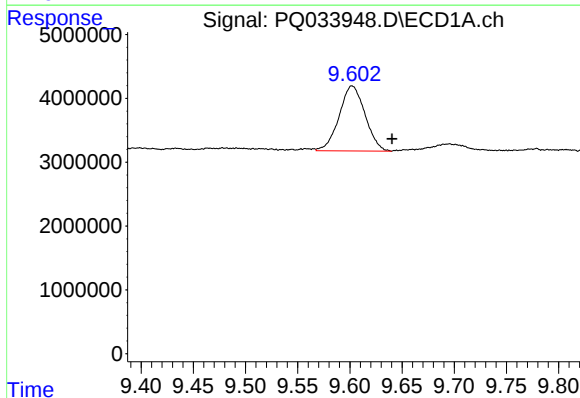
R.T.: 8.970 min
Delta R.T.: 0.011 min
Response: 73928
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



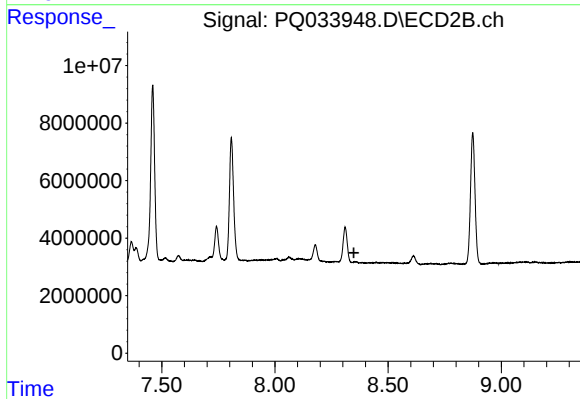
#39 AR-1262-4

R.T.: 7.868 min
Delta R.T.: 0.024 min
Response: 516499
Conc: 2.97 ng/ml



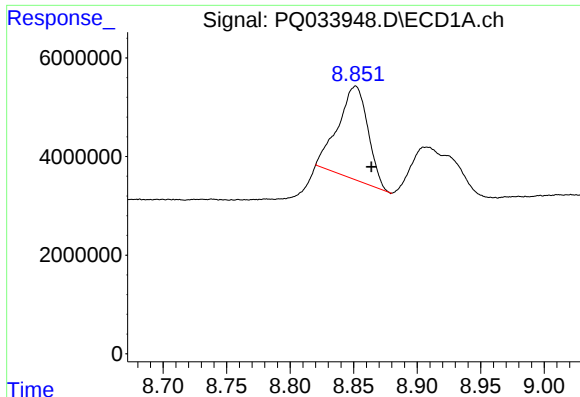
#40 AR-1262-5

R.T.: 9.602 min
Delta R.T.: -0.038 min
Response: 17588814
Conc: 201.04 ng/ml



#40 AR-1262-5

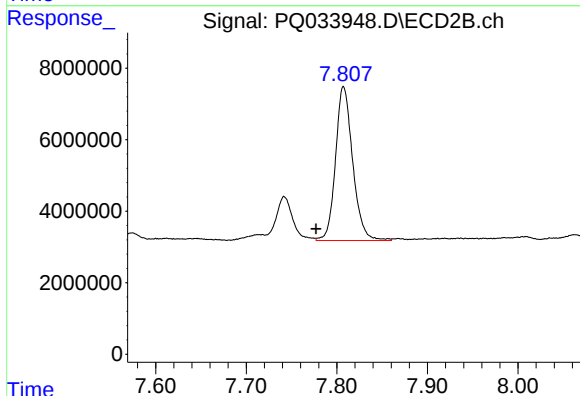
R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: -1011254
Conc: N.D.



#41 AR-1268-1

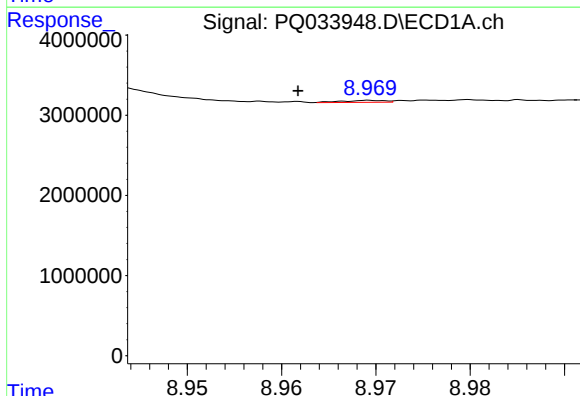
R.T.: 8.852 min
Delta R.T.: -0.012 min
Response: 31051836
Conc: 84.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



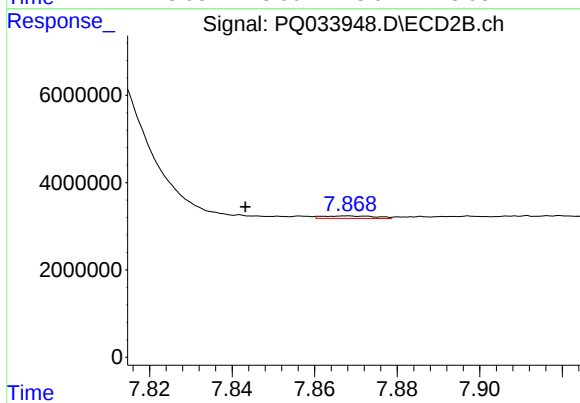
#41 AR-1268-1

R.T.: 7.807 min
Delta R.T.: 0.030 min
Response: 56714139
Conc: 165.88 ng/ml



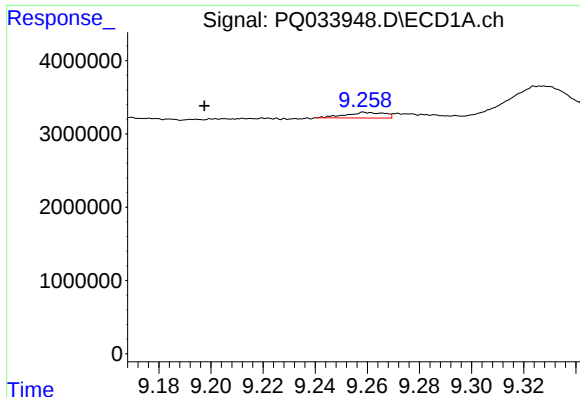
#42 AR-1268-2

R.T.: 8.970 min
Delta R.T.: 0.008 min
Response: 73928
Conc: 0.22 ng/ml



#42 AR-1268-2

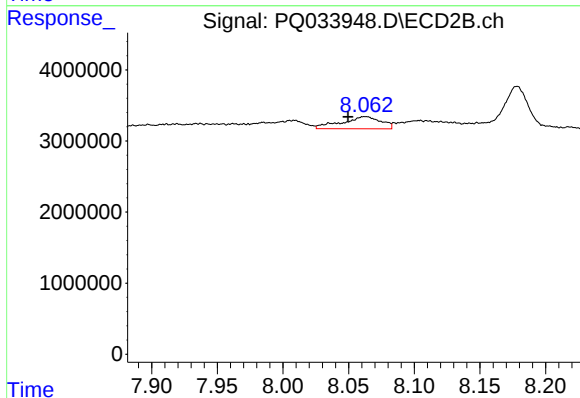
R.T.: 7.868 min
Delta R.T.: 0.025 min
Response: 516499
Conc: 1.67 ng/ml



#43 AR-1268-3

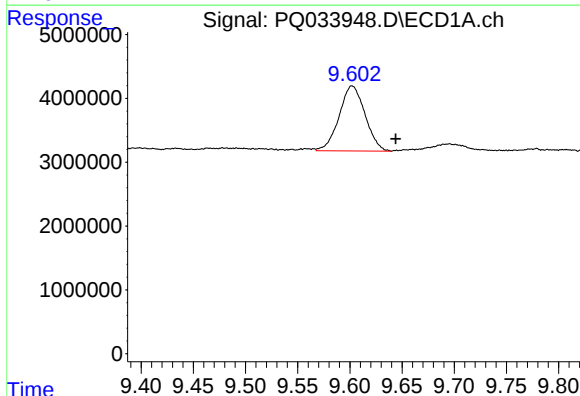
R.T.: 9.259 min
Delta R.T.: 0.061 min
Response: 791194
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



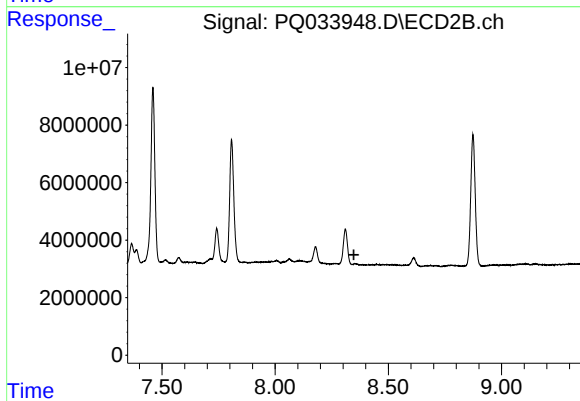
#43 AR-1268-3

R.T.: 8.063 min
Delta R.T.: 0.013 min
Response: 3562447
Conc: 13.92 ng/ml



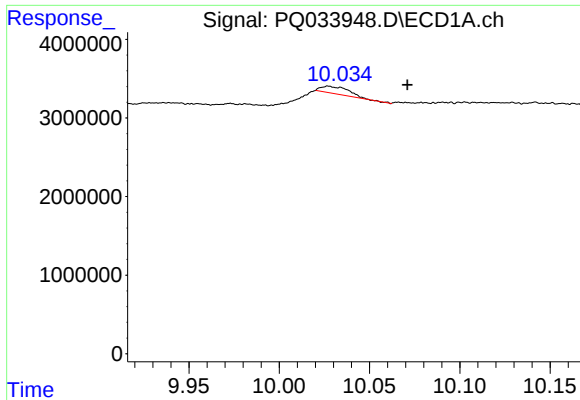
#44 AR-1268-4

R.T.: 9.602 min
Delta R.T.: -0.042 min
Response: 17588814
Conc: 145.58 ng/ml



#44 AR-1268-4

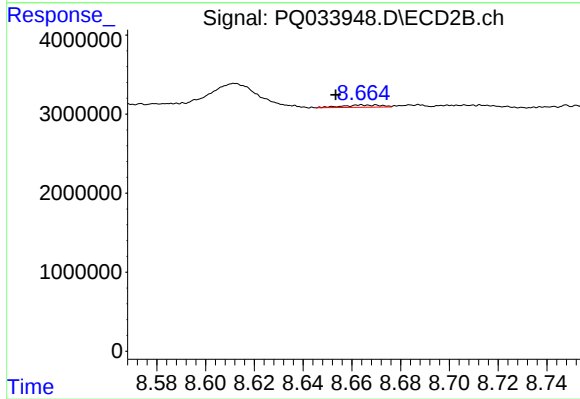
R.T.: 8.351 min
Delta R.T.: 0.003 min
Response: -1011254
Conc: N.D.



#45 AR-1268-5

R.T.: 10.027 min
Delta R.T.: -0.044 min
Response: 1025286
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.664 min
Delta R.T.: 0.010 min
Response: 316289
Conc: 0.38 ng/ml