

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110118\
 Data File : PQ033970.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2018 17:59
 Operator : SM\SJ
 Sample : J5657-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:36:39 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	3.836	48975018	34852218	23.873	22.408
2)	SA Decachlor...	10.371	8.873	58987111	50554503	31.205	31.448
Target Compounds							
3)	L1 AR-1016-1	5.732	4.944	16539781	90564309	237.539	1581.969 #
4)	L1 AR-1016-2	5.754	4.944	101.4E6	90564309	984.202	1136.546
5)	L1 AR-1016-3	5.825	5.122	11413015	79284018	182.266	1911.369 #
6)	L1 AR-1016-4	5.916	5.161	74083962	103.4E6	1465.802	3018.357 #
7)	L1 AR-1016-5	6.209	5.376	128.6E6	158.2E6	2495.968	3462.567 #
8)	L2 AR-1221-1	4.818	4.083	177519	288186	7.475	15.593 #
9)	L2 AR-1221-2	4.882	4.162	52430	27513	3.185	2.080 #
10)	L2 AR-1221-3	4.981	4.242	139057	36100	2.424	0.789 #
11)	L3 AR-1232-1	4.981	4.242	139057	36100	3.132	1.043 #
12)	L3 AR-1232-2	5.500	4.975	1992105	14654828	84.344	389.733 #
13)	L3 AR-1232-3	5.754	5.161	101.4E6	103.4E6	2120.510	5280.384 #
14)	L3 AR-1232-4	5.916	5.234	74083962	58381640	3110.287	3401.556
15)	L3 AR-1232-5	6.048	5.417	149.9E6	69521953	8405.992	3565.208 #
16)	L4 AR-1242-1	5.754	4.944	101.4E6	90564309	1698.832	1861.232
17)	L4 AR-1242-2	5.754	4.975	101.4E6	14654828	1167.336	217.110 #
18)	L4 AR-1242-3	5.825	5.161	11413015	103.4E6	218.269	2823.332 #
19)	L4 AR-1242-4	5.916	5.234	74083962	58381640	1717.926	1585.035
20)	L4 AR-1242-5	6.652	5.768	248.6E6	195.2E6	5043.688	4063.512
21)	L5 AR-1248-1	5.754	4.944	101.4E6	90564309	2043.855	2209.973
22)	L5 AR-1248-2	6.048	5.202	149.9E6	128.8E6	2038.197	2344.099
23)	L5 AR-1248-3	6.251	5.234	70213392	58381640	859.148	1042.482
24)	L5 AR-1248-4	6.652	5.417	248.6E6	69521953	2654.392	1008.019 #
25)	L5 AR-1248-5	6.652	5.802	248.6E6	23049934	2799.738	333.440 #
26)	L6 AR-1254-1	6.614	5.768	64771963	195.2E6	653.589	1732.714 #
27)	L6 AR-1254-2	6.850	5.872	173.3E6	50162857	1108.646	508.003 #
28)	L6 AR-1254-3	7.173	6.339	100.6E6	2870460	592.734	17.272 #
29)	L6 AR-1254-4	7.491	6.506	5874500	59028223	47.577	554.796 #
30)	L6 AR-1254-5	7.908	6.923	1715794	16679427	12.961	113.554 #
31)	L7 AR-1260-1	7.337	6.424	18050067	31304092	168.760	333.291 #
32)	L7 AR-1260-2	7.583	6.593	4015428	7663098	31.799	65.772 #
33)	L7 AR-1260-3	7.941	6.749	2390300	9636059	30.688	89.353 #
34)	L7 AR-1260-4	8.174	7.239	6072846	8115132	59.992	105.570 #
35)	L7 AR-1260-5	8.507	7.462	2716772	5891777	14.388	30.668 #
36)	L8 AR-1262-1	7.977	6.999	590541	2883738	4.381	22.439 #
37)	L8 AR-1262-2	8.551	7.492	1068301	3967107	4.320	16.562 #
38)	L8 AR-1262-3	8.906	7.768	1036539	2470642	6.267	26.524 #
39)	L8 AR-1262-4	8.974	7.812	2222294	12473511	32.608	71.648 #
40)	L8 AR-1262-5	9.657	8.310	1098725	178785	12.558	2.216 #
41)	L9 AR-1268-1	8.906	7.768	1036539	2470642	2.827	7.226 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110118\
 Data File : PQ033970.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2018 17:59
 Operator : SM\SJ
 Sample : J5657-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 02:36:39 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

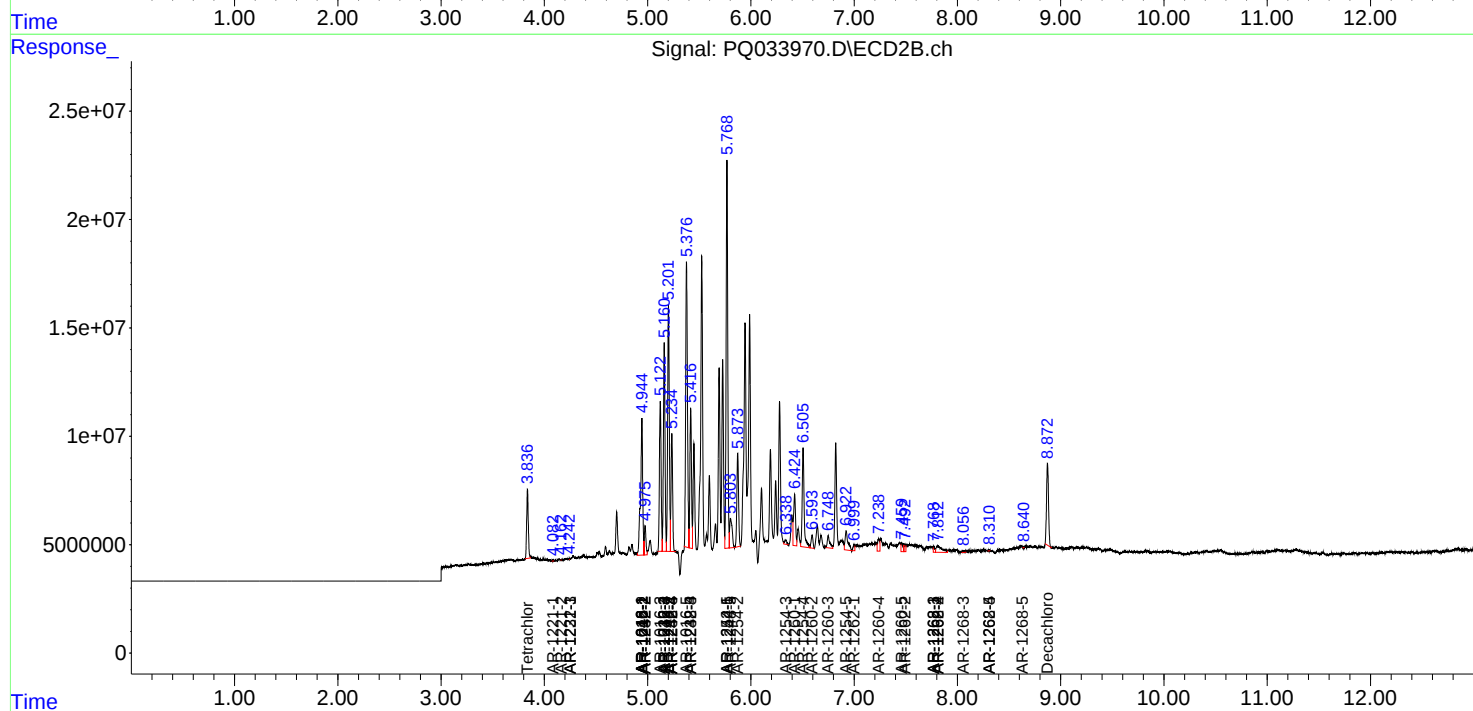
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

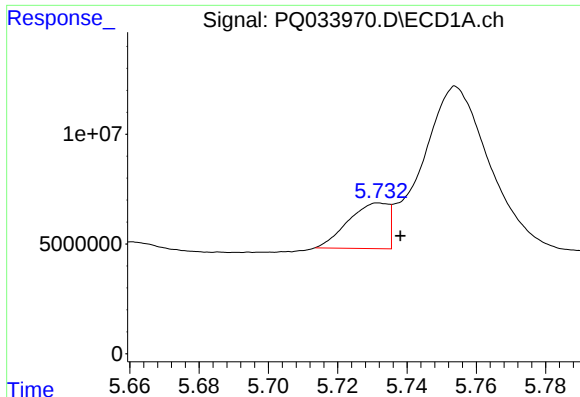
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.974	7.812	2222294	12473511	6.668	40.365 #
43) L9	AR-1268-3	9.198	8.056	185852	1044617	0.659	4.083 #
44) L9	AR-1268-4	9.657	8.310	1098725	178785	9.094	1.621 #
45) L9	AR-1268-5	10.083	8.639	341173	238620	0.369	0.285

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

Instrument :
ECD_Q
ClientSampleId :

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

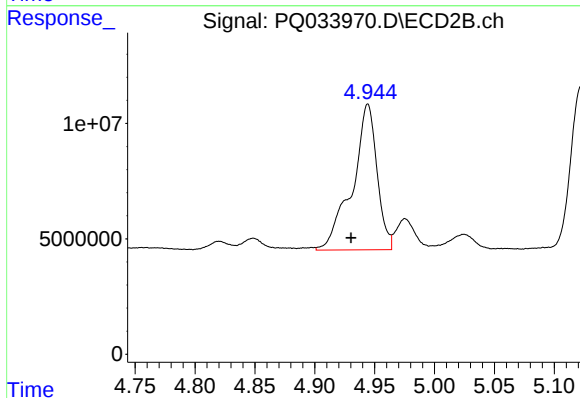




#3 AR-1016-1

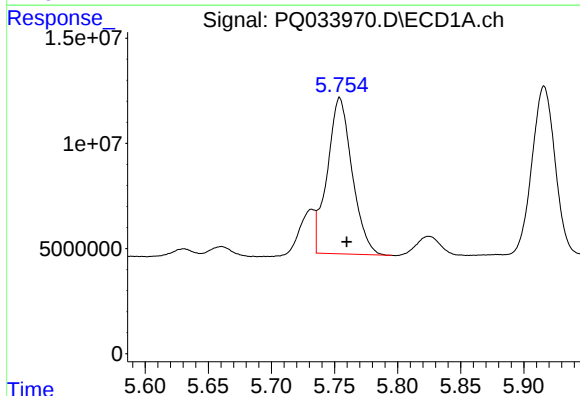
R.T.: 5.732 min
Delta R.T.: -0.006 min
Response: 16539781
Conc: 237.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



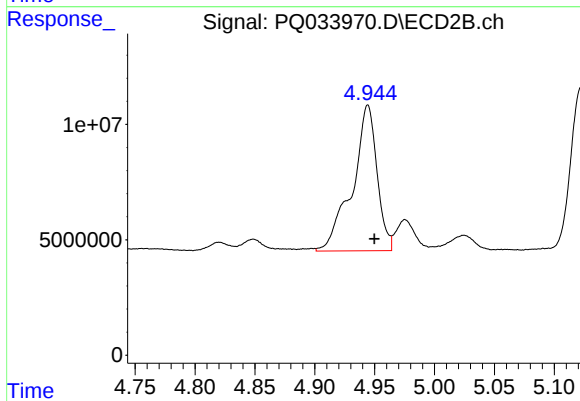
#3 AR-1016-1

R.T.: 4.944 min
Delta R.T.: 0.014 min
Response: 90564309
Conc: 1581.97 ng/ml



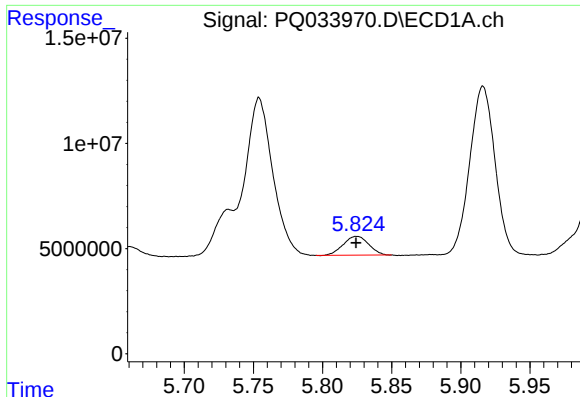
#4 AR-1016-2

R.T.: 5.754 min
Delta R.T.: -0.006 min
Response: 101380751
Conc: 984.20 ng/ml



#4 AR-1016-2

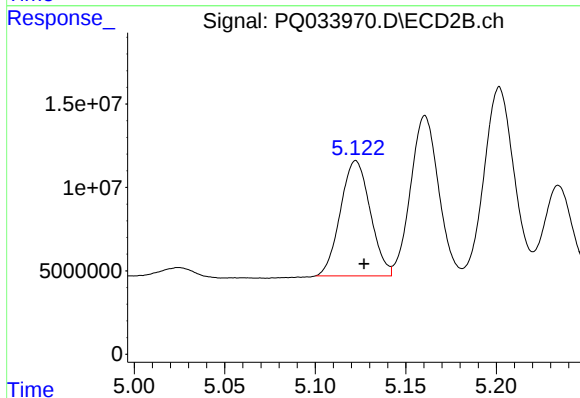
R.T.: 4.944 min
Delta R.T.: -0.005 min
Response: 90564309
Conc: 1136.55 ng/ml



#5 AR-1016-3

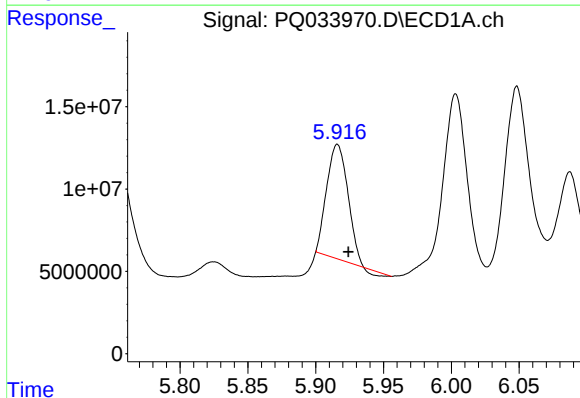
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 11413015
Conc: 182.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



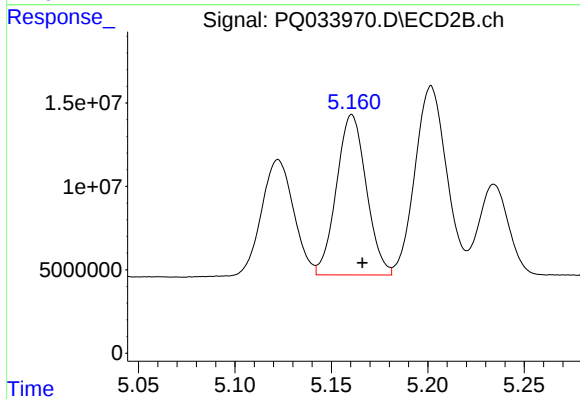
#5 AR-1016-3

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 79284018
Conc: 1911.37 ng/ml



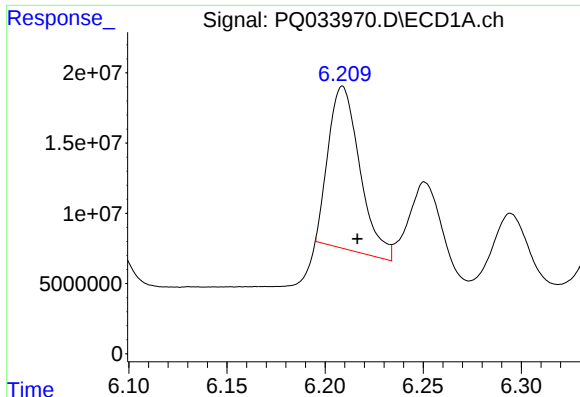
#6 AR-1016-4

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 74083962
Conc: 1465.80 ng/ml



#6 AR-1016-4

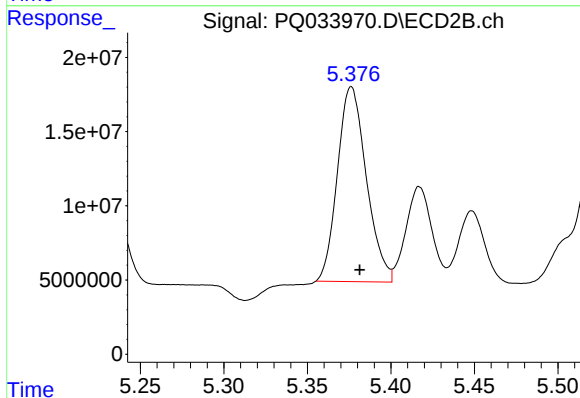
R.T.: 5.161 min
Delta R.T.: -0.005 min
Response: 103420474
Conc: 3018.36 ng/ml



#7 AR-1016-5

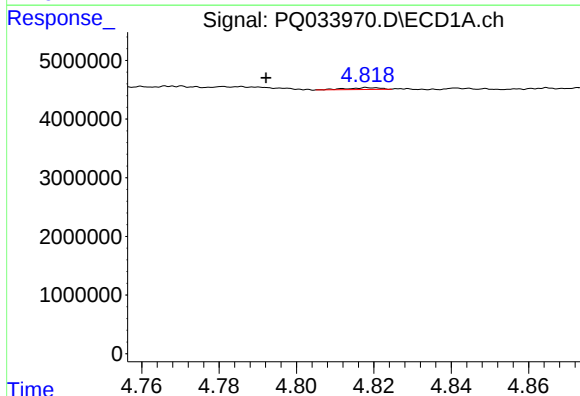
R.T.: 6.209 min
Delta R.T.: -0.008 min
Response: 128619524
Conc: 2495.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



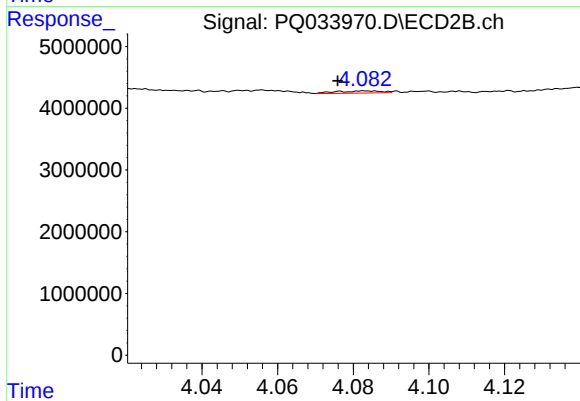
#7 AR-1016-5

R.T.: 5.376 min
Delta R.T.: -0.005 min
Response: 158208002
Conc: 3462.57 ng/ml



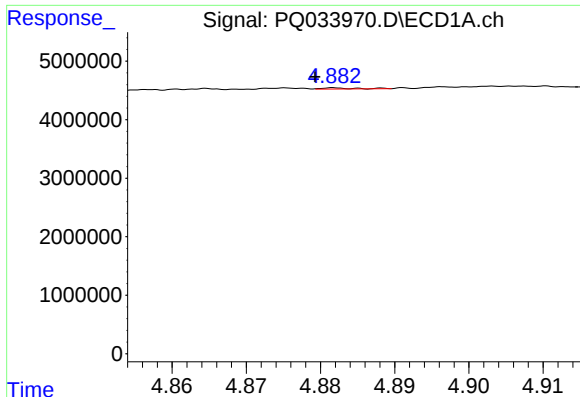
#8 AR-1221-1

R.T.: 4.818 min
Delta R.T.: 0.026 min
Response: 177519
Conc: 7.48 ng/ml



#8 AR-1221-1

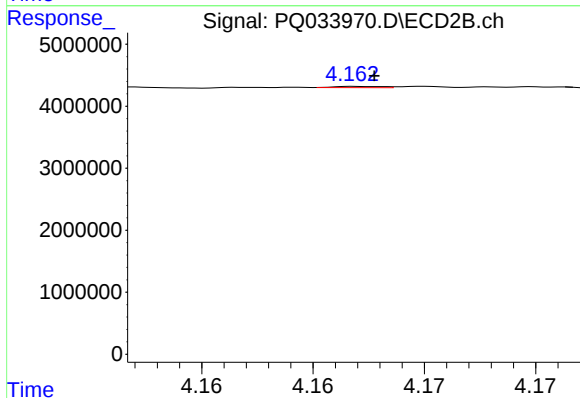
R.T.: 4.083 min
Delta R.T.: 0.007 min
Response: 288186
Conc: 15.59 ng/ml



#9 AR-1221-2

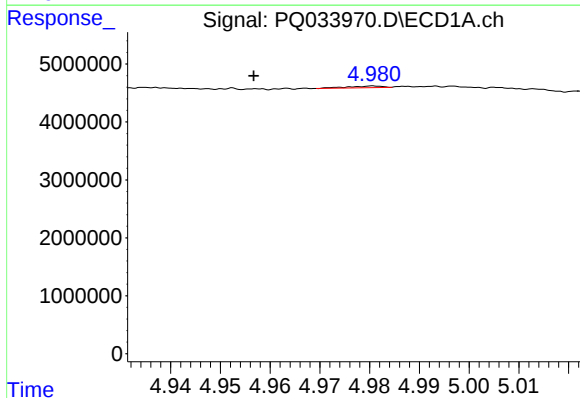
R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 52430
Conc: 3.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



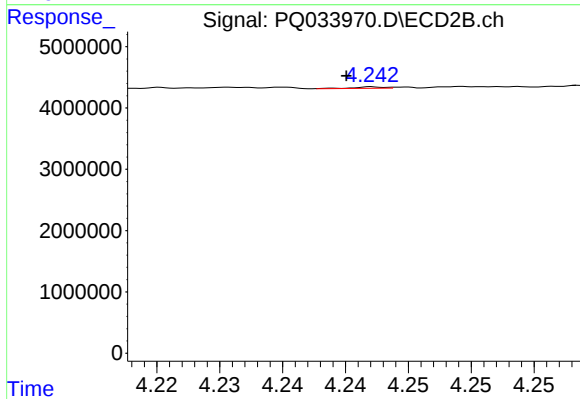
#9 AR-1221-2

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 27513
Conc: 2.08 ng/ml



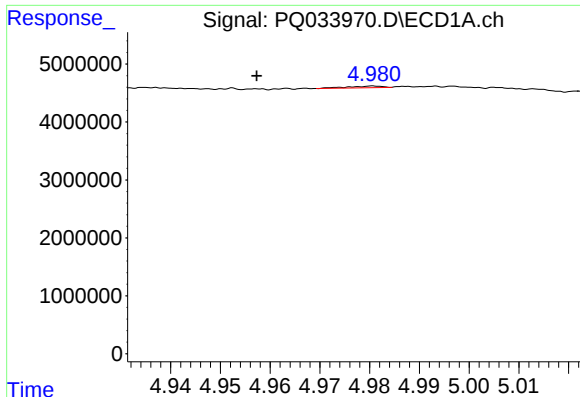
#10 AR-1221-3

R.T.: 4.981 min
Delta R.T.: 0.024 min
Response: 139057
Conc: 2.42 ng/ml



#10 AR-1221-3

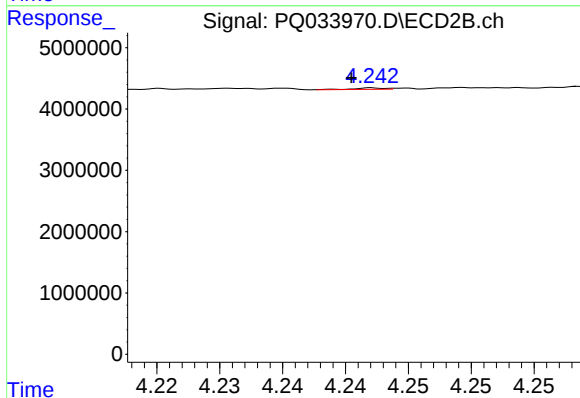
R.T.: 4.242 min
Delta R.T.: 0.002 min
Response: 36100
Conc: 0.79 ng/ml



#11 AR-1232-1

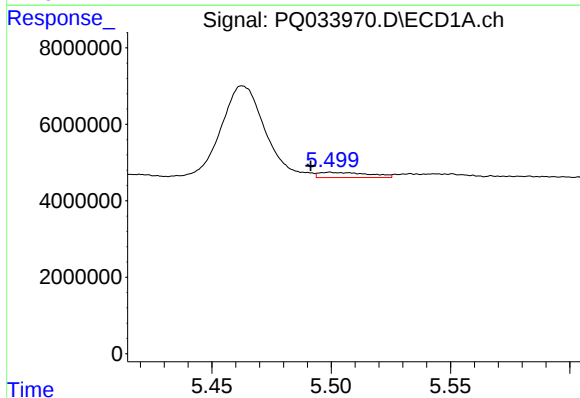
R.T.: 4.981 min
Delta R.T.: 0.024 min
Response: 139057
Conc: 3.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



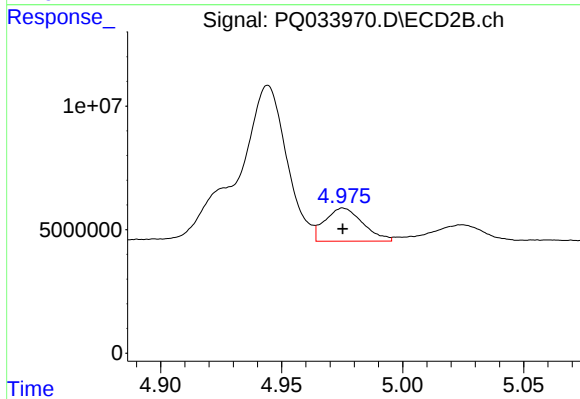
#11 AR-1232-1

R.T.: 4.242 min
Delta R.T.: 0.002 min
Response: 36100
Conc: 1.04 ng/ml



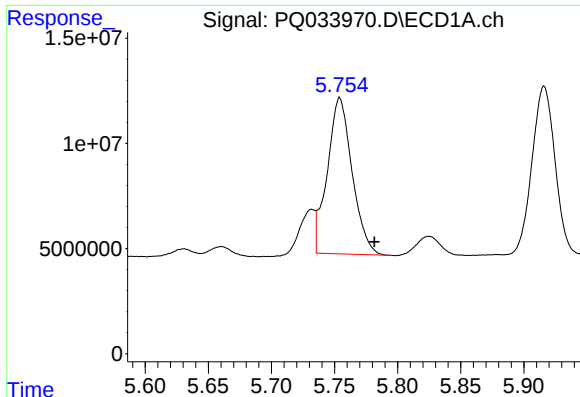
#12 AR-1232-2

R.T.: 5.500 min
Delta R.T.: 0.008 min
Response: 1992105
Conc: 84.34 ng/ml



#12 AR-1232-2

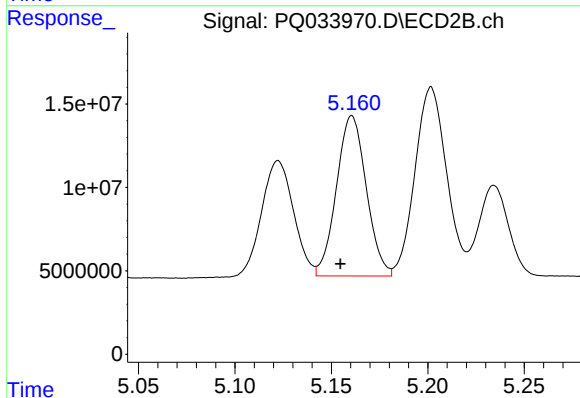
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 14654828
Conc: 389.73 ng/ml



#13 AR-1232-3

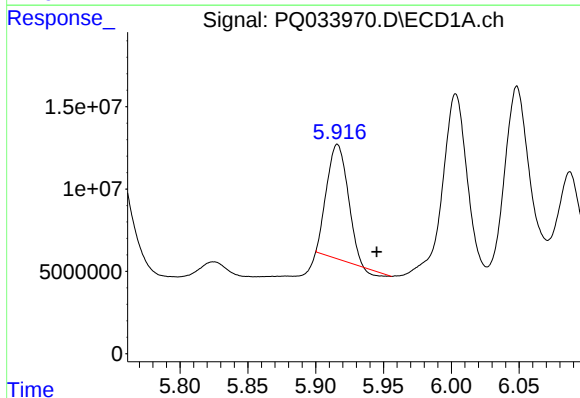
R.T.: 5.754 min
Delta R.T.: -0.027 min
Response: 101380751
Conc: 2120.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



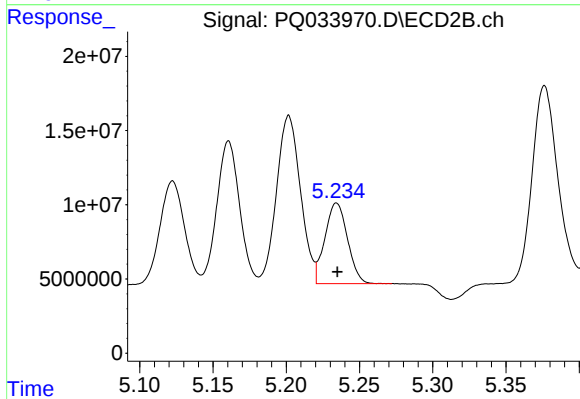
#13 AR-1232-3

R.T.: 5.161 min
Delta R.T.: 0.006 min
Response: 103420474
Conc: 5280.38 ng/ml



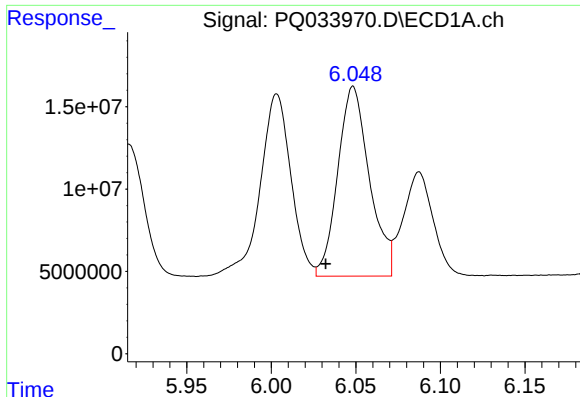
#14 AR-1232-4

R.T.: 5.916 min
Delta R.T.: -0.029 min
Response: 74083962
Conc: 3110.29 ng/ml



#14 AR-1232-4

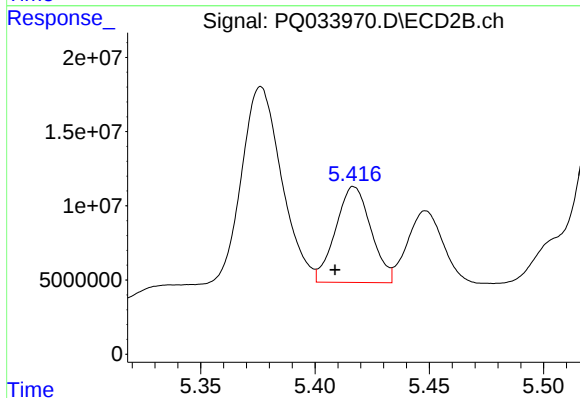
R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 58381640
Conc: 3401.56 ng/ml



#15 AR-1232-5

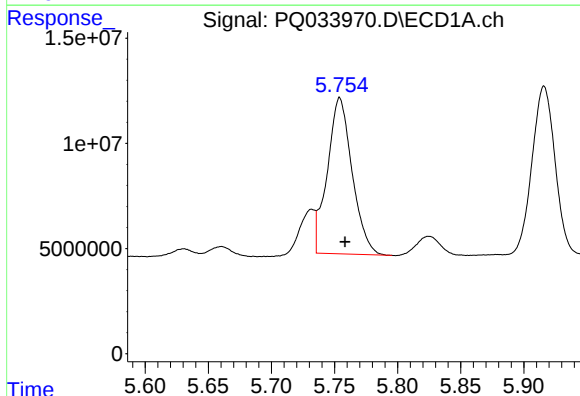
R.T.: 6.048 min
Delta R.T.: 0.016 min
Response: 149913948
Conc: 8405.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



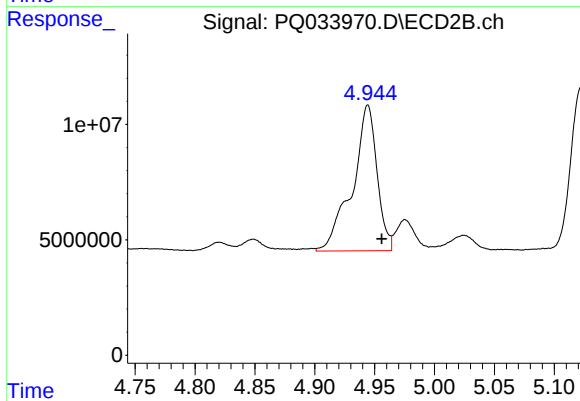
#15 AR-1232-5

R.T.: 5.417 min
Delta R.T.: 0.008 min
Response: 69521953
Conc: 3565.21 ng/ml



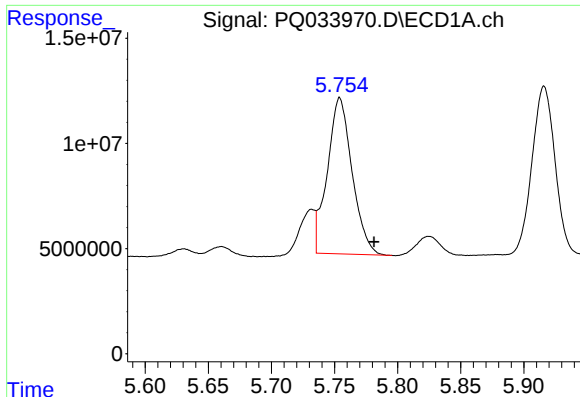
#16 AR-1242-1

R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 101380751
Conc: 1698.83 ng/ml



#16 AR-1242-1

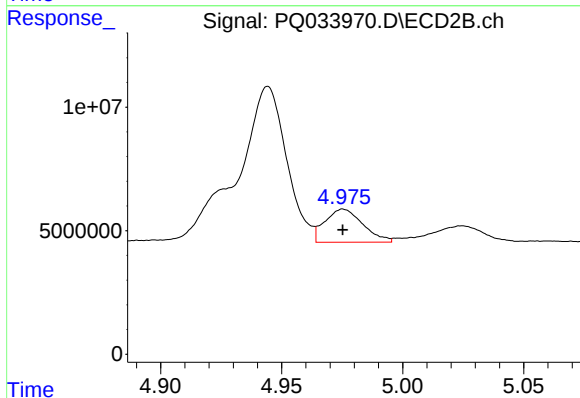
R.T.: 4.944 min
Delta R.T.: -0.012 min
Response: 90564309
Conc: 1861.23 ng/ml



#17 AR-1242-2

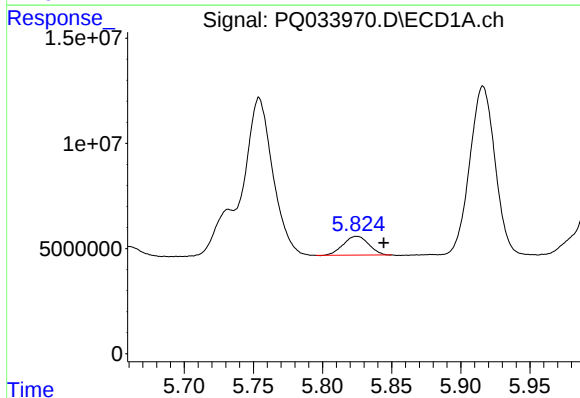
R.T.: 5.754 min
Delta R.T.: -0.027 min
Response: 101380751
Conc: 1167.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



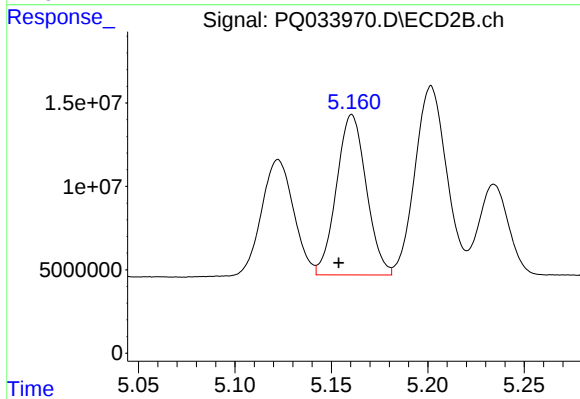
#17 AR-1242-2

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 14654828
Conc: 217.11 ng/ml



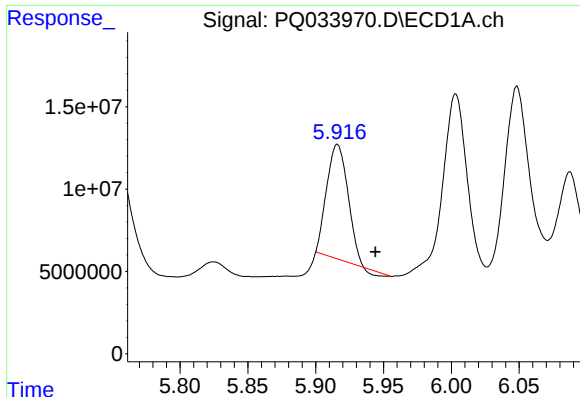
#18 AR-1242-3

R.T.: 5.825 min
Delta R.T.: -0.019 min
Response: 11413015
Conc: 218.27 ng/ml



#18 AR-1242-3

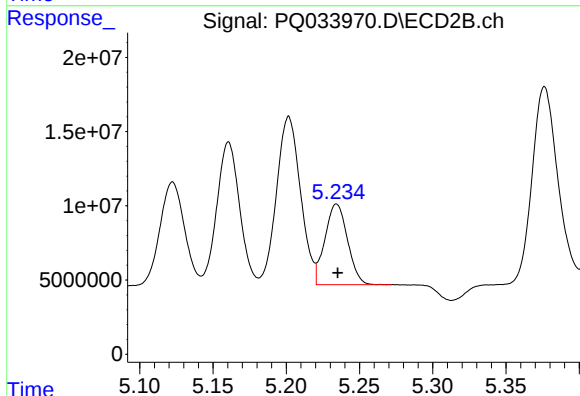
R.T.: 5.161 min
Delta R.T.: 0.007 min
Response: 103420474
Conc: 2823.33 ng/ml



#19 AR-1242-4

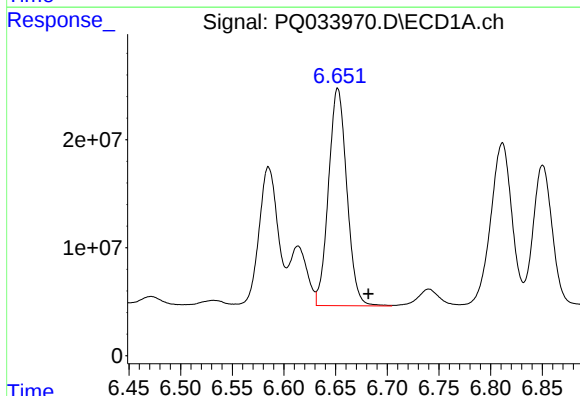
R.T.: 5.916 min
Delta R.T.: -0.028 min
Response: 74083962
Conc: 1717.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



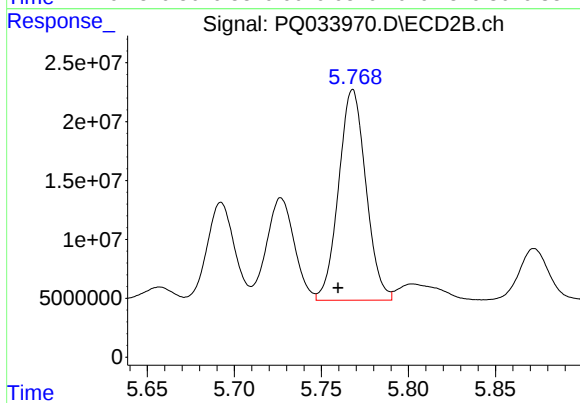
#19 AR-1242-4

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 58381640
Conc: 1585.04 ng/ml



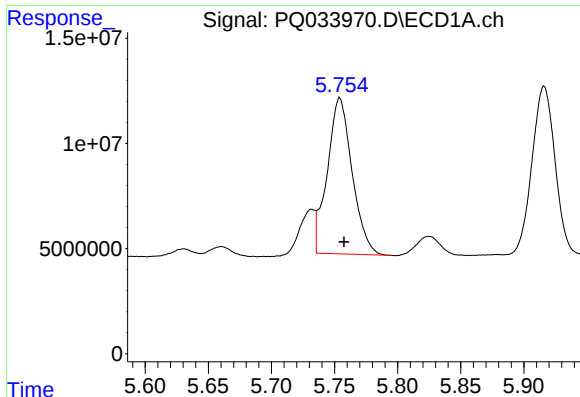
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: -0.030 min
Response: 248640433
Conc: 5043.69 ng/ml



#20 AR-1242-5

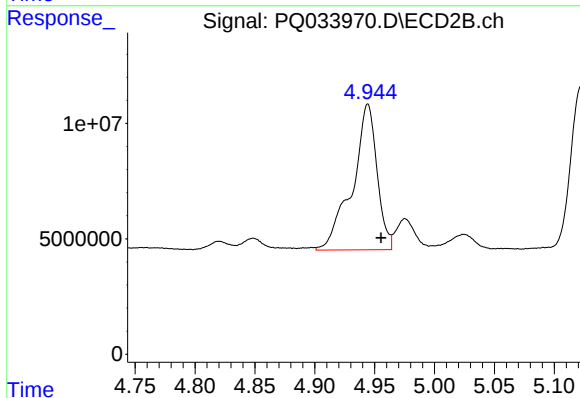
R.T.: 5.768 min
Delta R.T.: 0.008 min
Response: 195209300
Conc: 4063.51 ng/ml



#21 AR-1248-1

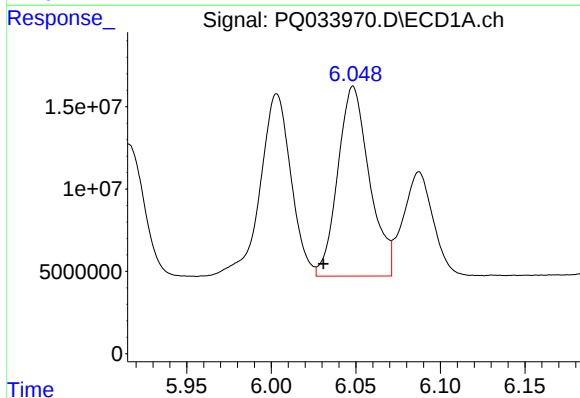
R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 101380751
Conc: 2043.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



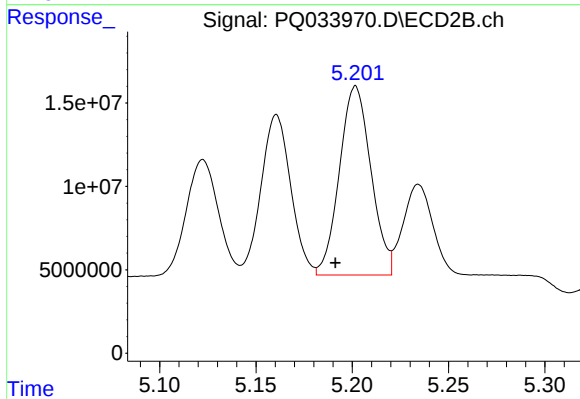
#21 AR-1248-1

R.T.: 4.944 min
Delta R.T.: -0.011 min
Response: 90564309
Conc: 2209.97 ng/ml



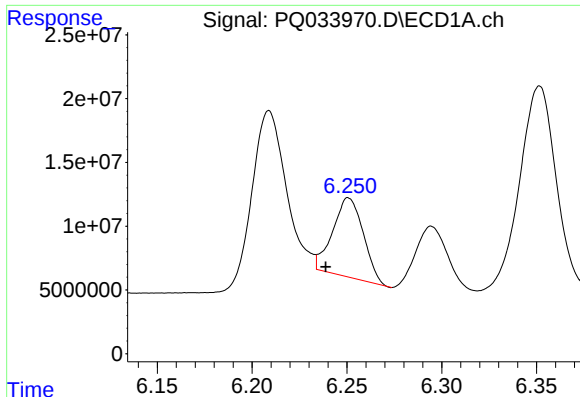
#22 AR-1248-2

R.T.: 6.048 min
Delta R.T.: 0.018 min
Response: 149913948
Conc: 2038.20 ng/ml



#22 AR-1248-2

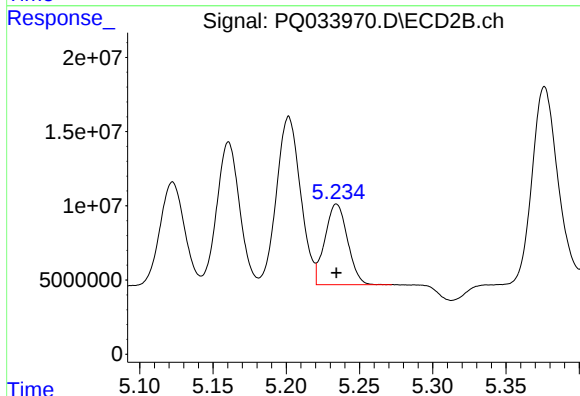
R.T.: 5.202 min
Delta R.T.: 0.011 min
Response: 128783443
Conc: 2344.10 ng/ml



#23 AR-1248-3

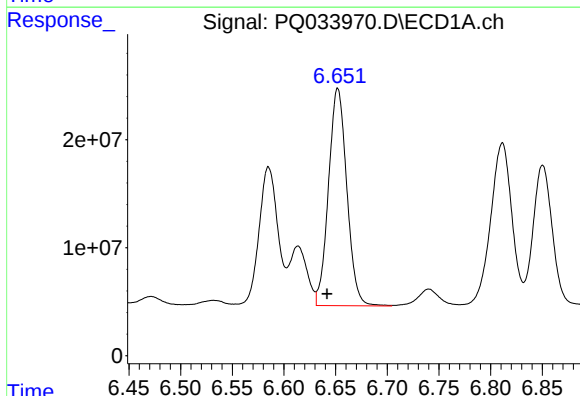
R.T.: 6.251 min
Delta R.T.: 0.012 min
Response: 70213392
Conc: 859.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



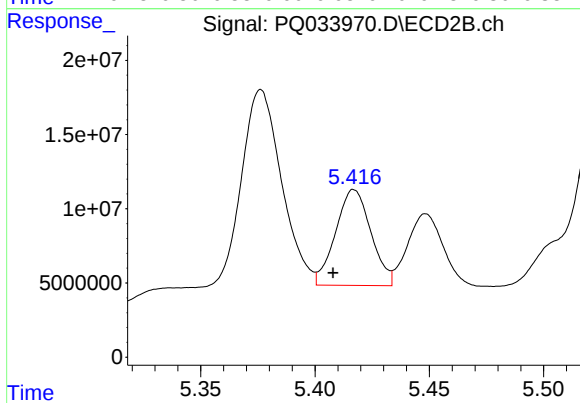
#23 AR-1248-3

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 58381640
Conc: 1042.48 ng/ml



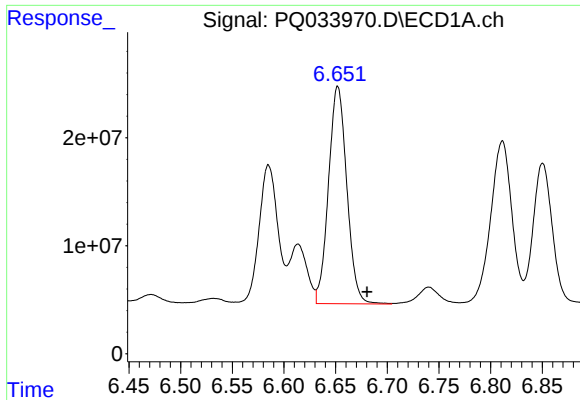
#24 AR-1248-4

R.T.: 6.652 min
Delta R.T.: 0.010 min
Response: 248640433
Conc: 2654.39 ng/ml



#24 AR-1248-4

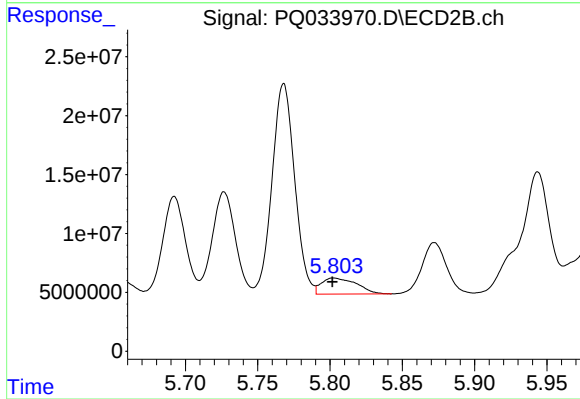
R.T.: 5.417 min
Delta R.T.: 0.009 min
Response: 69521953
Conc: 1008.02 ng/ml



#25 AR-1248-5

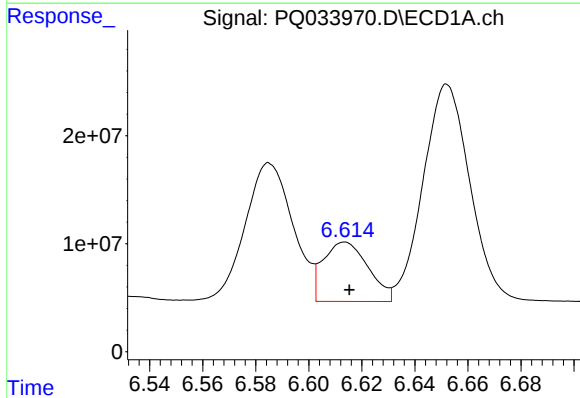
R.T.: 6.652 min
Delta R.T.: -0.028 min
Response: 248640433
Conc: 2799.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



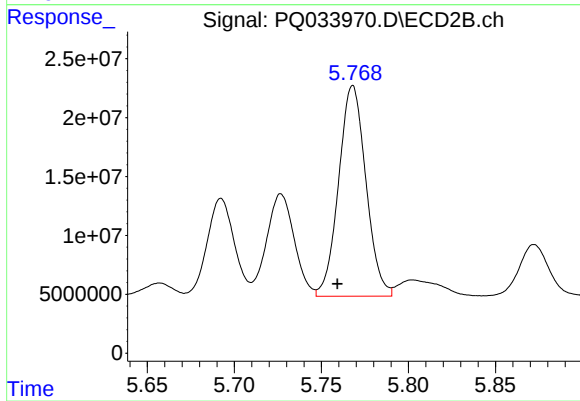
#25 AR-1248-5

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 23049934
Conc: 333.44 ng/ml



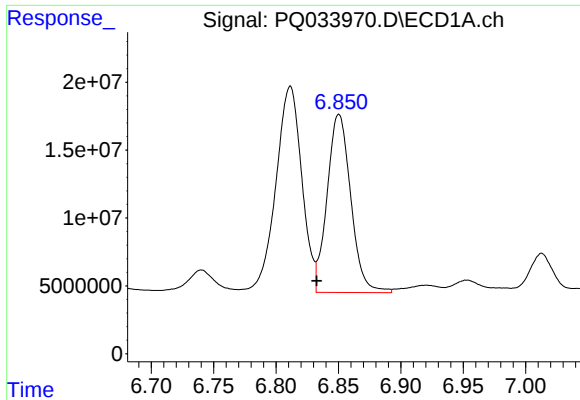
#26 AR-1254-1

R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 64771963
Conc: 653.59 ng/ml



#26 AR-1254-1

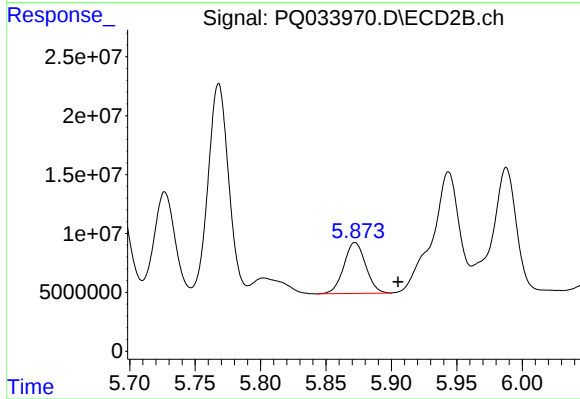
R.T.: 5.768 min
Delta R.T.: 0.009 min
Response: 195209300
Conc: 1732.71 ng/ml



#27 AR-1254-2

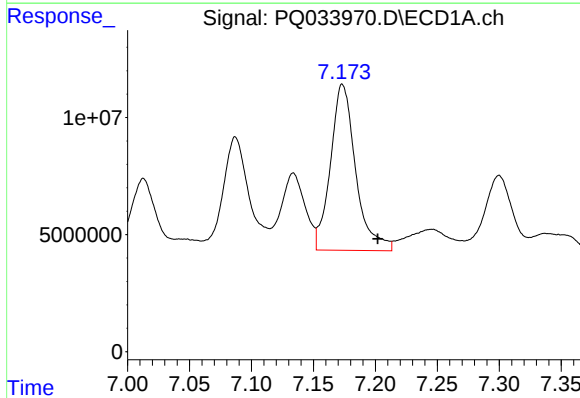
R.T.: 6.850 min
Delta R.T.: 0.018 min
Response: 173257767
Conc: 1108.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



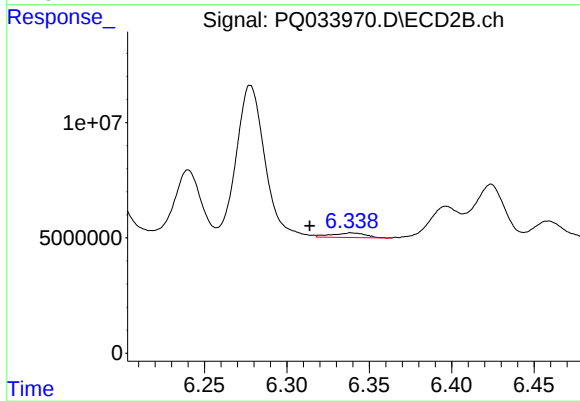
#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.033 min
Response: 50162857
Conc: 508.00 ng/ml



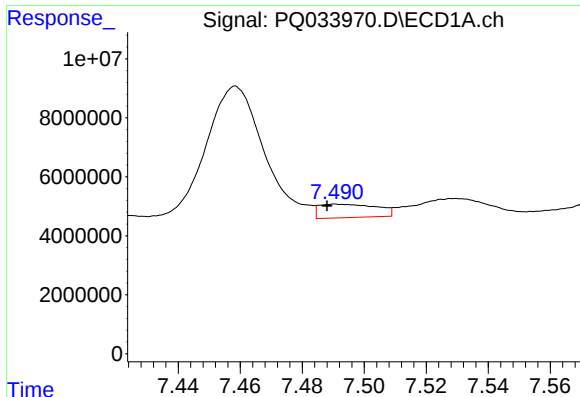
#28 AR-1254-3

R.T.: 7.173 min
Delta R.T.: -0.029 min
Response: 100577701
Conc: 592.73 ng/ml



#28 AR-1254-3

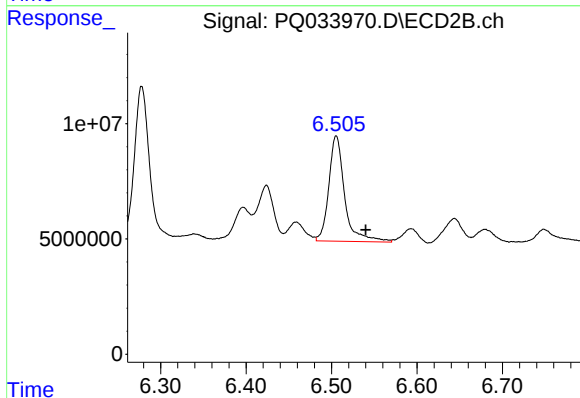
R.T.: 6.339 min
Delta R.T.: 0.025 min
Response: 2870460
Conc: 17.27 ng/ml



#29 AR-1254-4

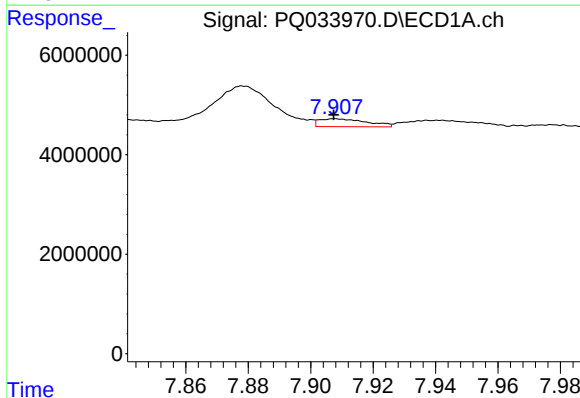
R.T.: 7.491 min
Delta R.T.: 0.003 min
Response: 5874500
Conc: 47.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



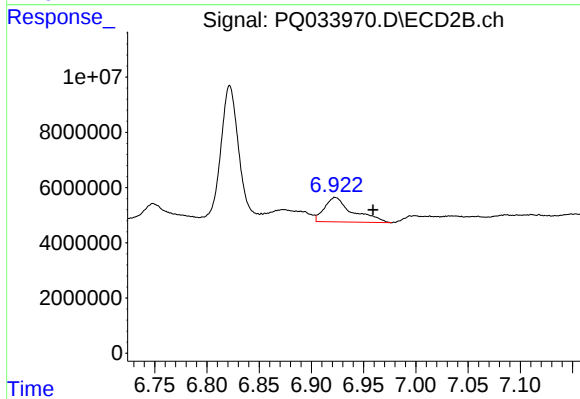
#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.034 min
Response: 59028223
Conc: 554.80 ng/ml



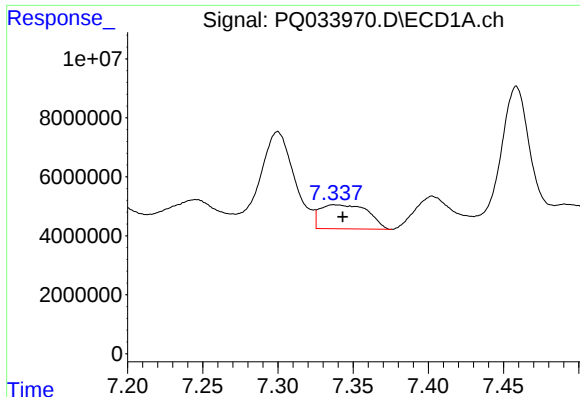
#30 AR-1254-5

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 1715794
Conc: 12.96 ng/ml



#30 AR-1254-5

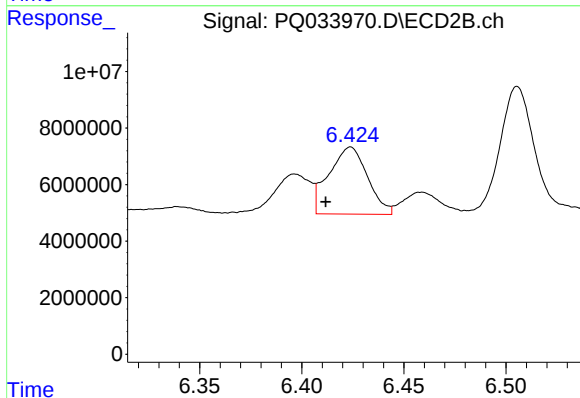
R.T.: 6.923 min
Delta R.T.: -0.036 min
Response: 16679427
Conc: 113.55 ng/ml



#31 AR-1260-1

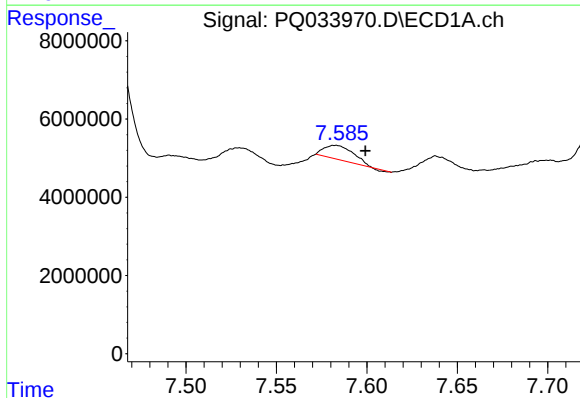
R.T.: 7.337 min
Delta R.T.: -0.006 min
Response: 18050067
Conc: 168.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



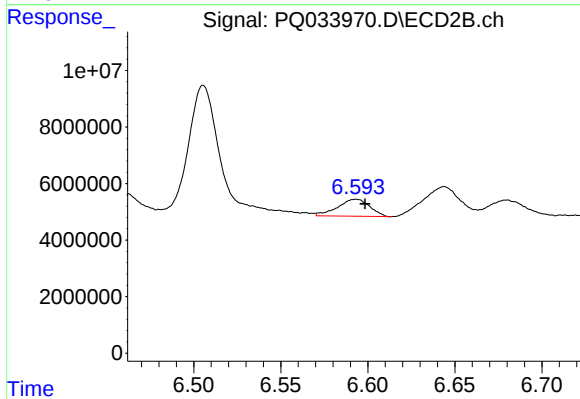
#31 AR-1260-1

R.T.: 6.424 min
Delta R.T.: 0.012 min
Response: 31304092
Conc: 333.29 ng/ml



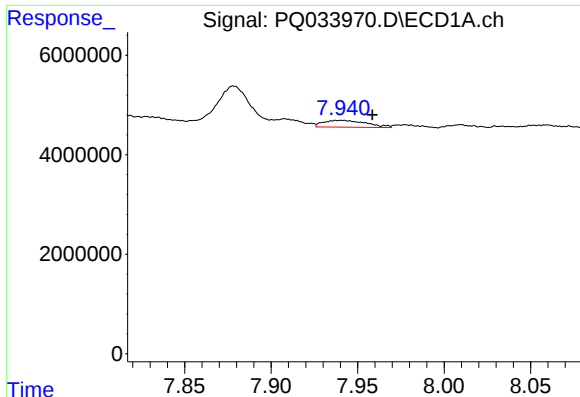
#32 AR-1260-2

R.T.: 7.583 min
Delta R.T.: -0.017 min
Response: 4015428
Conc: 31.80 ng/ml



#32 AR-1260-2

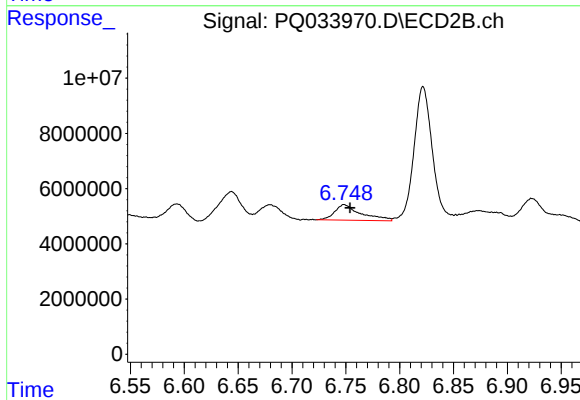
R.T.: 6.593 min
Delta R.T.: -0.005 min
Response: 7663098
Conc: 65.77 ng/ml



#33 AR-1260-3

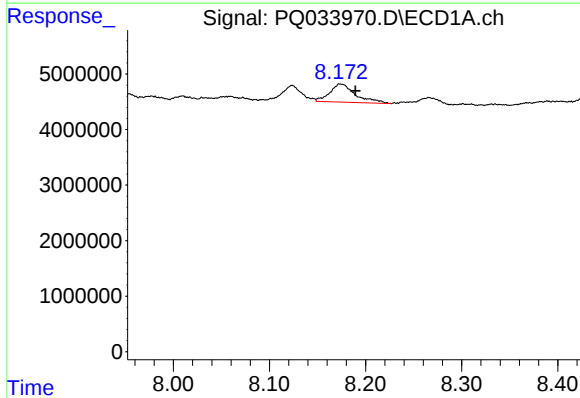
R.T.: 7.941 min
Delta R.T.: -0.018 min
Response: 2390300
Conc: 30.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



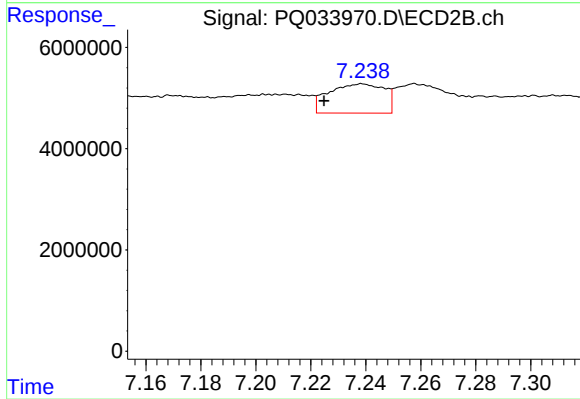
#33 AR-1260-3

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 9636059
Conc: 89.35 ng/ml



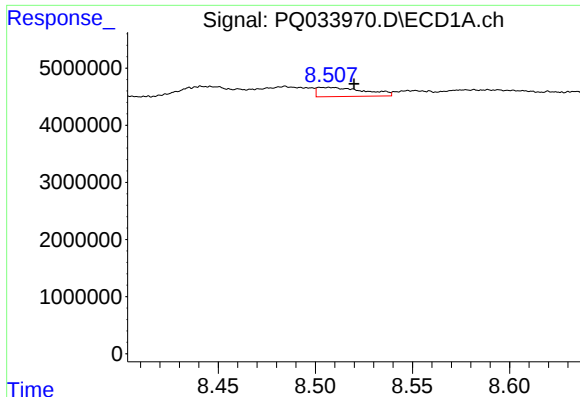
#34 AR-1260-4

R.T.: 8.174 min
Delta R.T.: -0.015 min
Response: 6072846
Conc: 59.99 ng/ml



#34 AR-1260-4

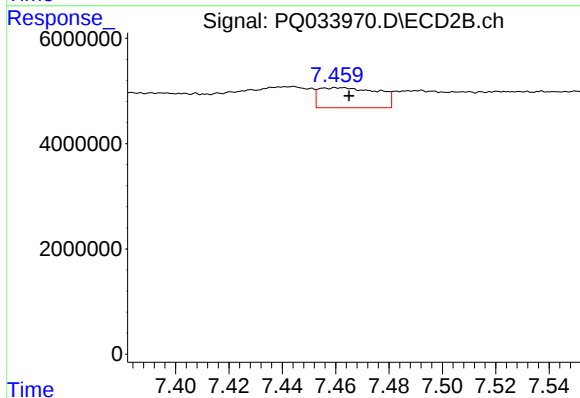
R.T.: 7.239 min
Delta R.T.: 0.014 min
Response: 8115132
Conc: 105.57 ng/ml



#35 AR-1260-5

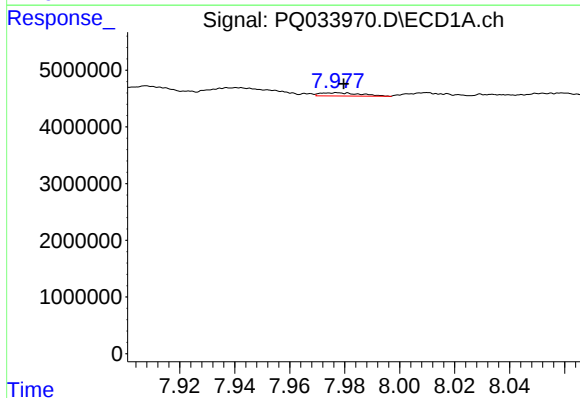
R.T.: 8.507 min
Delta R.T.: -0.013 min
Response: 2716772
Conc: 14.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



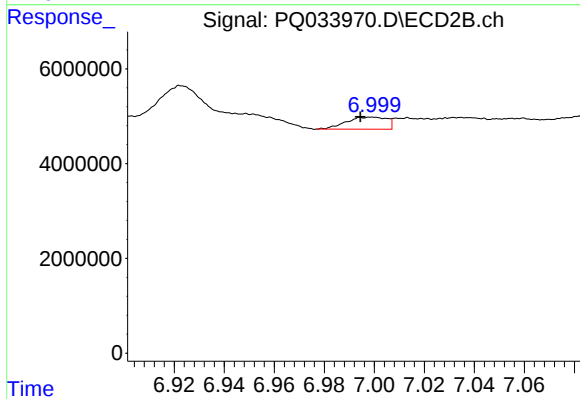
#35 AR-1260-5

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 5891777
Conc: 30.67 ng/ml



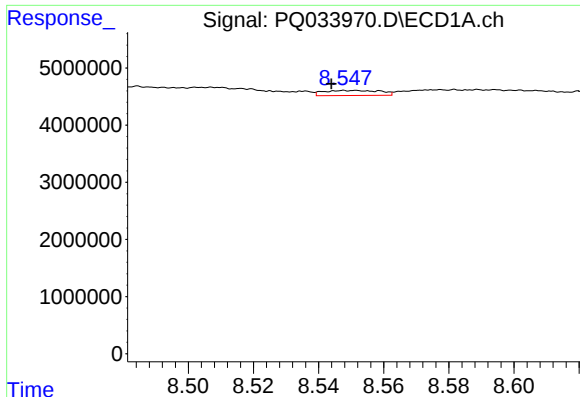
#36 AR-1262-1

R.T.: 7.977 min
Delta R.T.: -0.003 min
Response: 590541
Conc: 4.38 ng/ml



#36 AR-1262-1

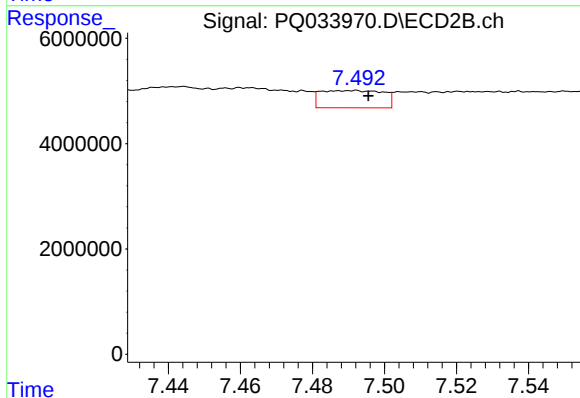
R.T.: 6.999 min
Delta R.T.: 0.005 min
Response: 2883738
Conc: 22.44 ng/ml



#37 AR-1262-2

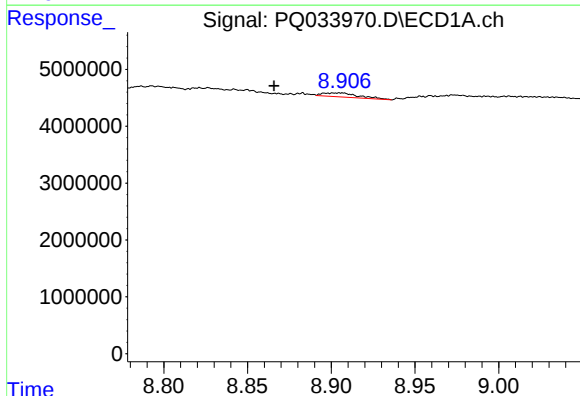
R.T.: 8.551 min
Delta R.T.: 0.007 min
Response: 1068301
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



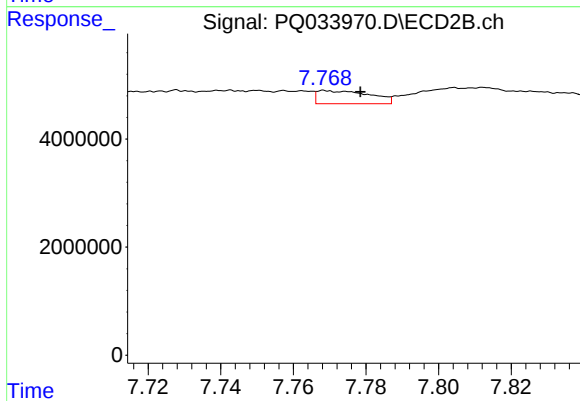
#37 AR-1262-2

R.T.: 7.492 min
Delta R.T.: -0.004 min
Response: 3967107
Conc: 16.56 ng/ml



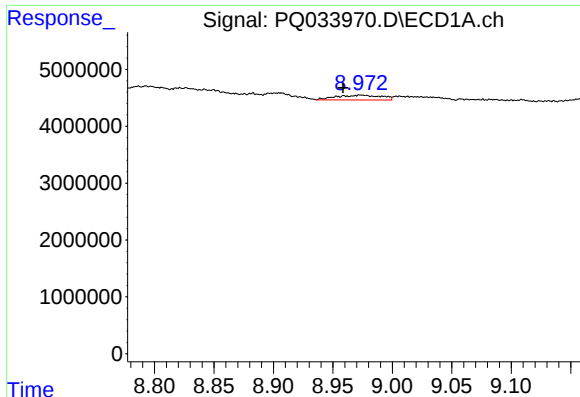
#38 AR-1262-3

R.T.: 8.906 min
Delta R.T.: 0.040 min
Response: 1036539
Conc: 6.27 ng/ml



#38 AR-1262-3

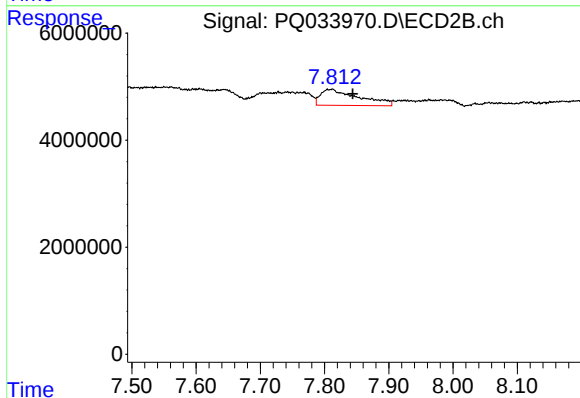
R.T.: 7.768 min
Delta R.T.: -0.010 min
Response: 2470642
Conc: 26.52 ng/ml



#39 AR-1262-4

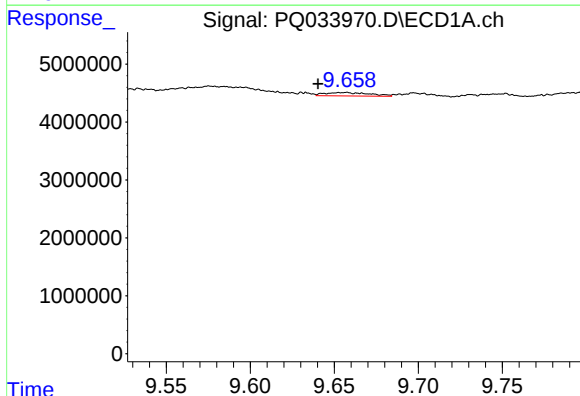
R.T.: 8.974 min
Delta R.T.: 0.015 min
Response: 2222294
Conc: 32.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



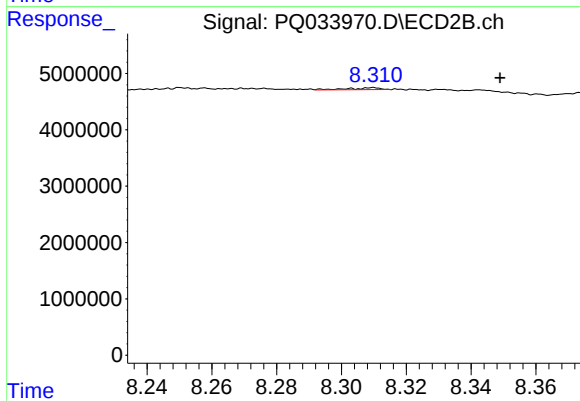
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.032 min
Response: 12473511
Conc: 71.65 ng/ml



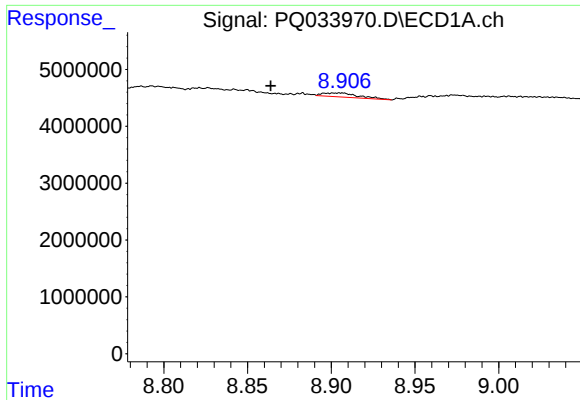
#40 AR-1262-5

R.T.: 9.657 min
Delta R.T.: 0.017 min
Response: 1098725
Conc: 12.56 ng/ml



#40 AR-1262-5

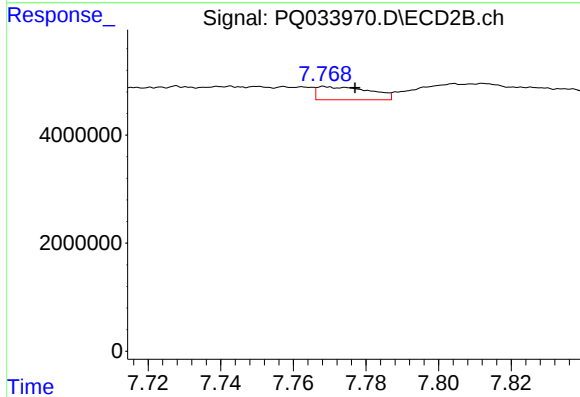
R.T.: 8.310 min
Delta R.T.: -0.039 min
Response: 178785
Conc: 2.22 ng/ml



#41 AR-1268-1

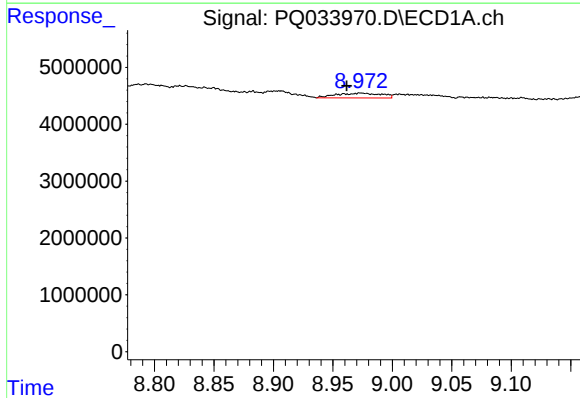
R.T.: 8.906 min
Delta R.T.: 0.042 min
Response: 1036539
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



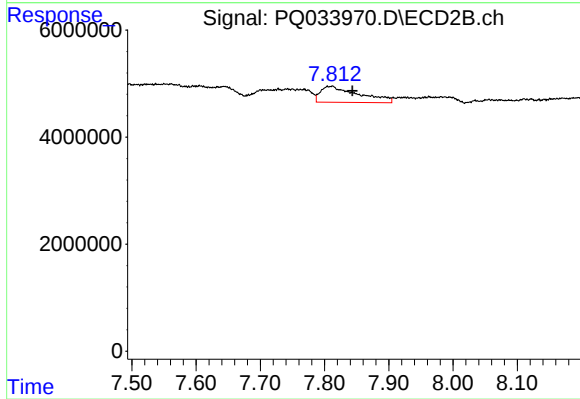
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: -0.009 min
Response: 2470642
Conc: 7.23 ng/ml



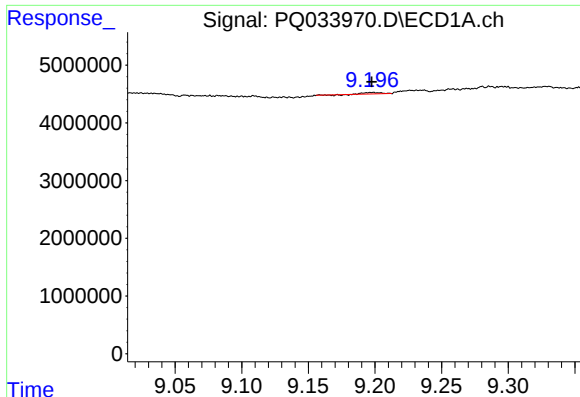
#42 AR-1268-2

R.T.: 8.974 min
Delta R.T.: 0.012 min
Response: 2222294
Conc: 6.67 ng/ml



#42 AR-1268-2

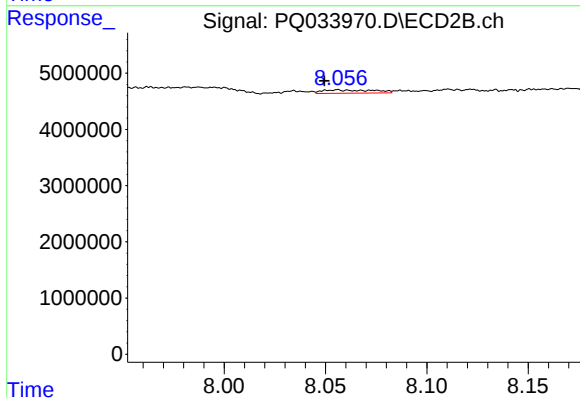
R.T.: 7.812 min
Delta R.T.: -0.031 min
Response: 12473511
Conc: 40.36 ng/ml



#43 AR-1268-3

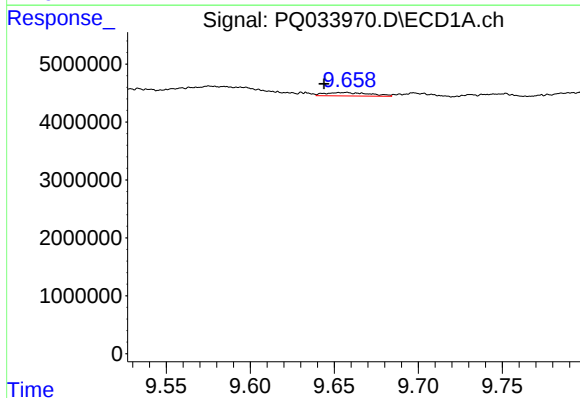
R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 185852
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



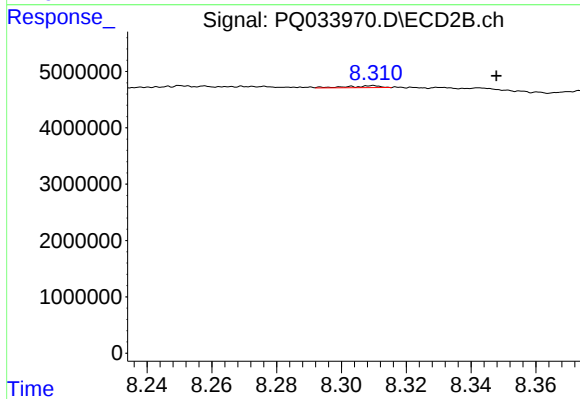
#43 AR-1268-3

R.T.: 8.056 min
Delta R.T.: 0.006 min
Response: 1044617
Conc: 4.08 ng/ml



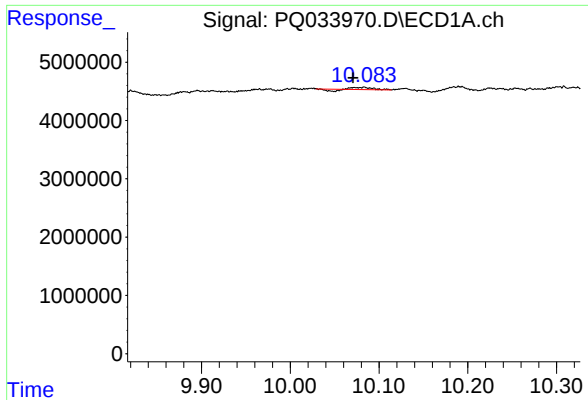
#44 AR-1268-4

R.T.: 9.657 min
Delta R.T.: 0.013 min
Response: 1098725
Conc: 9.09 ng/ml



#44 AR-1268-4

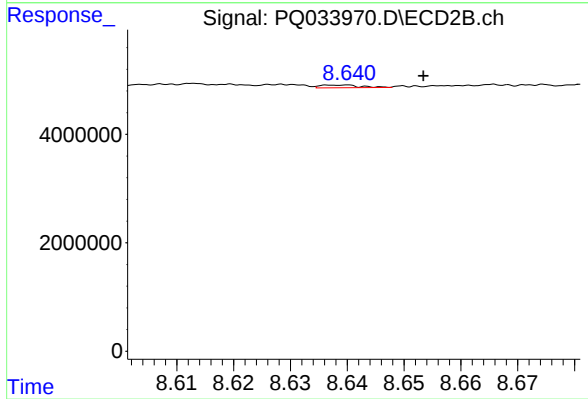
R.T.: 8.310 min
Delta R.T.: -0.038 min
Response: 178785
Conc: 1.62 ng/ml



#45 AR-1268-5

R.T.: 10.083 min
Delta R.T.: 0.013 min
Response: 341173
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.639 min
Delta R.T.: -0.015 min
Response: 238620
Conc: 0.29 ng/ml