

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090618\
 Data File : PQ031680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2018 09:45
 Operator : SM\SJ
 Sample : AR1660CCC500
 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: Sep 06 11:43:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.611	3.881	66780508	49845325	45.765	43.746
2)	SA Decachlor...	10.474	8.966	110.1E6	97882725	51.325	46.707
Target Compounds							
3)	L1 AR-1016-1	5.323	4.564	18550038	15120378	475.009	471.298
4)	L1 AR-1016-2	5.520	4.981	19104344	23752051	476.291	473.662
5)	L1 AR-1016-3	5.788	5.000	28678802	34536580	466.801	479.239
6)	L1 AR-1016-4	5.873	5.057	26848529	22678825	497.566	509.993
7)	L1 AR-1016-5	6.268	5.435	23654546	20251989	520.391	504.969
8)	L2 AR-1221-1	4.815	4.095	1973359	1508294	112.735	109.026
9)	L2 AR-1221-2	4.909	4.185	2770191	2358426	211.943	216.560
10)	L2 AR-1221-3	4.986	4.262	12264876	9614797	285.547	277.037
11)	L3 AR-1232-1	5.810	4.759	43890063	15781203	1450.603	1251.099
12)	L3 AR-1232-2	5.974	4.874	22125389	4766920	1427.104	1329.510
13)	L3 AR-1232-3	6.145	5.261	6344849	18982571	1549.562	1539.879
14)	L3 AR-1232-4	6.479	5.586	6168143	23102989	1388.937	1530.502
15)	L3 AR-1232-5	7.342	0.000	3213280	0	1208.558	N.D. #
16)	L4 AR-1242-1	5.354	4.585	11332399	8954502	619.796	640.165
17)	L4 AR-1242-2	6.107	5.179	18655526	19218063	606.110	669.718
18)	L4 AR-1242-3	6.309	5.293	10181510	6494227	631.531	675.864
19)	L4 AR-1242-4	6.353	5.659	7932489	6429777	584.055	731.036 #
20)	L4 AR-1242-5	6.410	6.032	24804574	2251579	632.535	98.434 #
21)	L5 AR-1248-1	6.061	5.218	18190970	15169274	320.705	321.287
22)	L5 AR-1248-2	6.645	5.788	22513213	23242679	379.018	249.362 #
23)	L5 AR-1248-3	6.671	5.830	8263103	5734173	103.720	89.709
24)	L5 AR-1248-4	6.712	6.032	6853499	2251579	90.046	39.123 #
25)	L5 AR-1248-5	6.862	6.356	19563807	41172568	382.415	891.486 #
26)	L6 AR-1254-1	6.862	5.934	19563807	16874221	134.872	169.040 #
27)	L6 AR-1254-2	7.147	6.253	3314997	3426787	36.868	39.080
28)	L6 AR-1254-3	7.232	6.569	9655910	2951776	58.917	25.546 #
29)	L6 AR-1254-4	7.518	6.897	6809277	5480408	55.684	66.000
30)	L6 AR-1254-5	7.781	6.989	27808991	70235434	293.052	422.440 #
31)	L7 AR-1260-1	7.394	6.472	51943439	50279058	472.755	497.801
32)	L7 AR-1260-2	7.650	6.658	64830778	63223743	489.325	489.379
33)	L7 AR-1260-3	7.937	6.815	78290076	58398034	496.120	485.643
34)	L7 AR-1260-4	8.245	7.288	57497898	48069684	491.684	464.860
35)	L7 AR-1260-5	8.577	7.527	122.2E6	122.8E6	514.506	482.257
36)	L8 AR-1262-1	7.289	6.356	27289031	41172568	473.779	820.479 #
37)	L8 AR-1262-2	8.069	7.079	24903095	25256812	465.808	464.082
38)	L8 AR-1262-3	8.330	7.386	27428894	26010004	448.388	419.412
39)	L8 AR-1262-4	8.995	7.812	18788803	24525583	146.765	234.170 #
40)	L8 AR-1262-5	9.683	8.385	30228234	28797834	313.535	304.372
41)	L9 AR-1268-1	8.011	7.026	48993654	51341973	922.971	953.481

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 Acq On : 06 Sep 2018 09:45
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

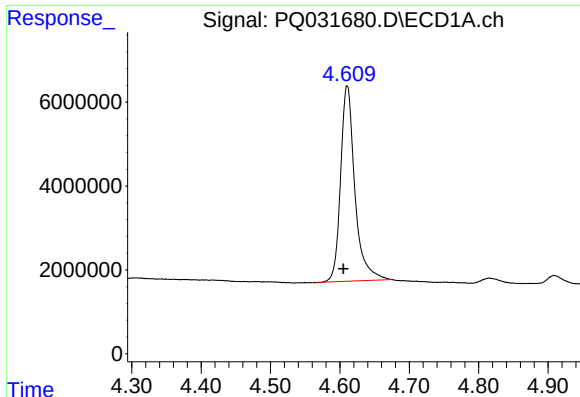
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 11:43:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.245	7.876	57497898	85957578	823.818	284.361 #
43) L9	AR-1268-3	8.920	8.086	75366716	2876567	231.263	11.499 #
44) L9	AR-1268-4	9.237	8.180	3278418	2230469	13.109	33.152 #
45) L9	AR-1268-5	10.118	8.694	9006208	7851397	10.532	9.324

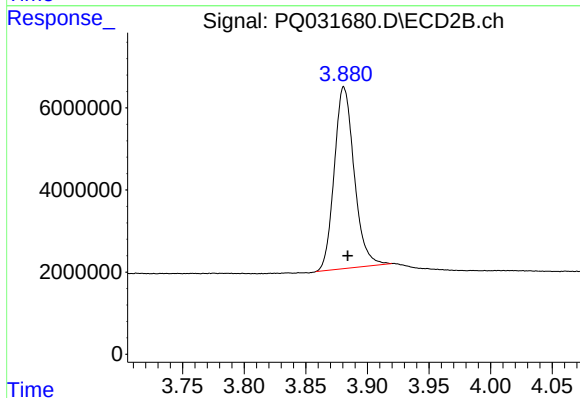
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

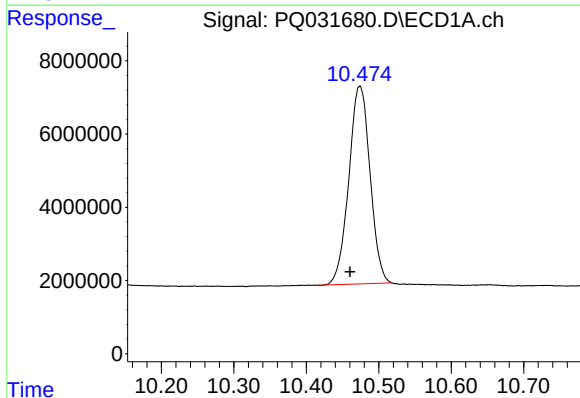
R.T.: 4.611 min
Delta R.T.: 0.006 min
Response: 66780508
Conc: 45.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



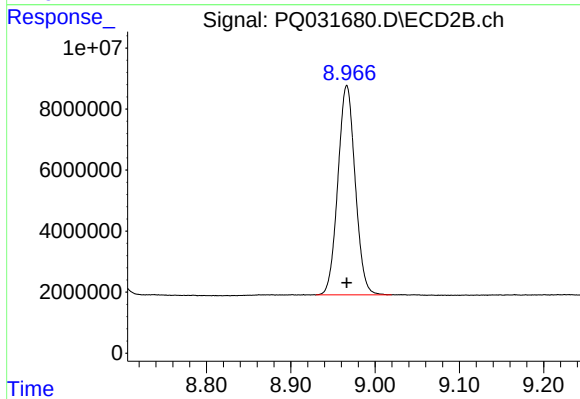
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: -0.003 min
Response: 49845325
Conc: 43.75 ng/ml



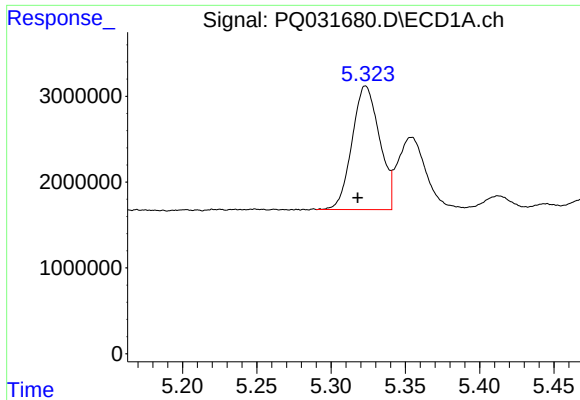
#2 Decachlorobiphenyl

R.T.: 10.474 min
Delta R.T.: 0.013 min
Response: 110053516
Conc: 51.33 ng/ml



#2 Decachlorobiphenyl

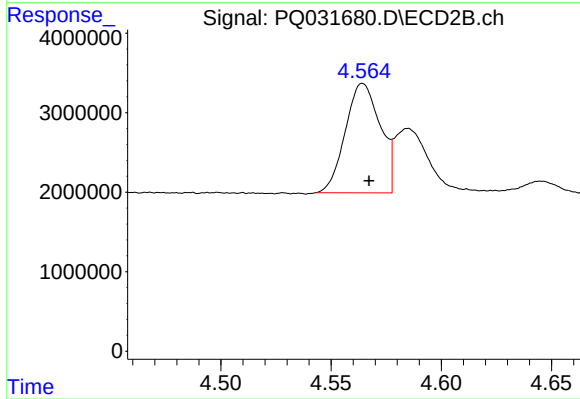
R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 97882725
Conc: 46.71 ng/ml



#3 AR-1016-1

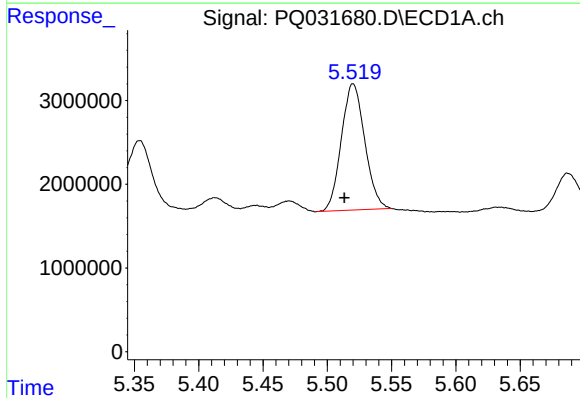
R.T.: 5.323 min
Delta R.T.: 0.005 min
Response: 18550038
Conc: 475.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



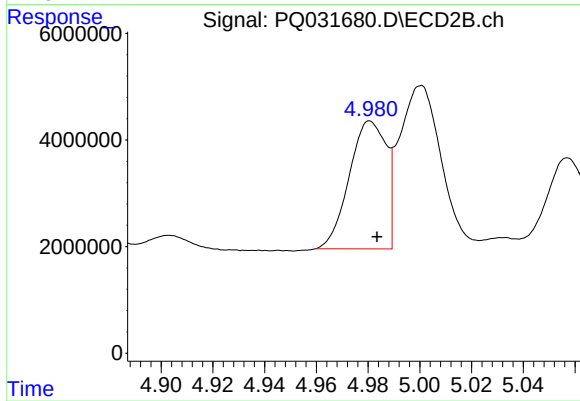
#3 AR-1016-1

R.T.: 4.564 min
Delta R.T.: -0.003 min
Response: 15120378
Conc: 471.30 ng/ml



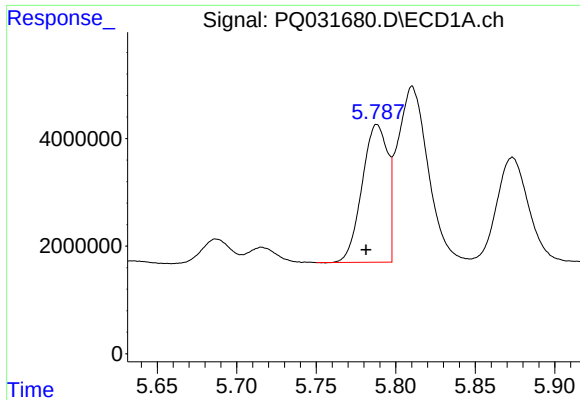
#4 AR-1016-2

R.T.: 5.520 min
Delta R.T.: 0.007 min
Response: 19104344
Conc: 476.29 ng/ml



#4 AR-1016-2

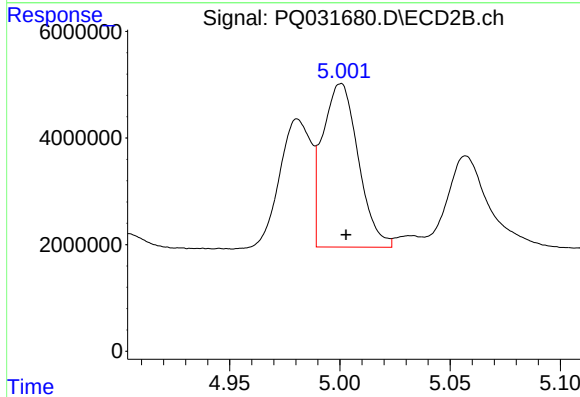
R.T.: 4.981 min
Delta R.T.: -0.003 min
Response: 23752051
Conc: 473.66 ng/ml



#5 AR-1016-3

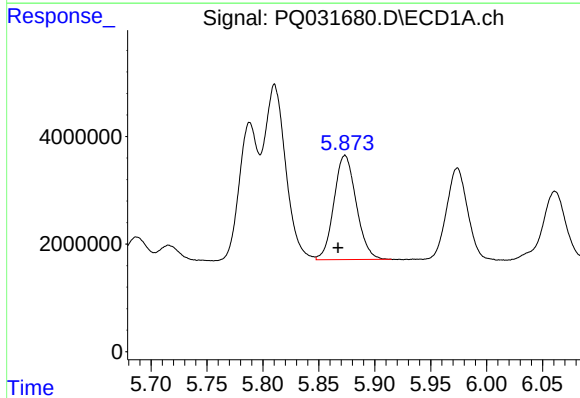
R.T.: 5.788 min
Delta R.T.: 0.007 min
Response: 28678802
Conc: 466.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



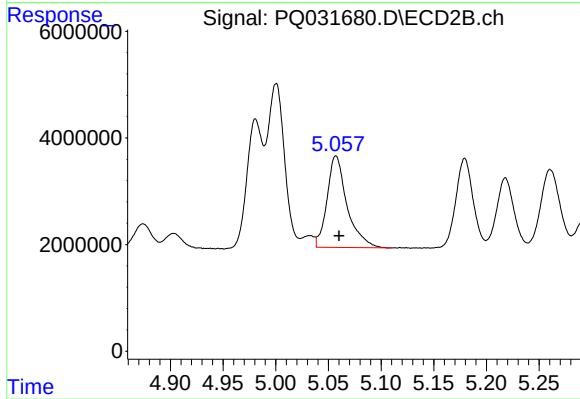
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 34536580
Conc: 479.24 ng/ml



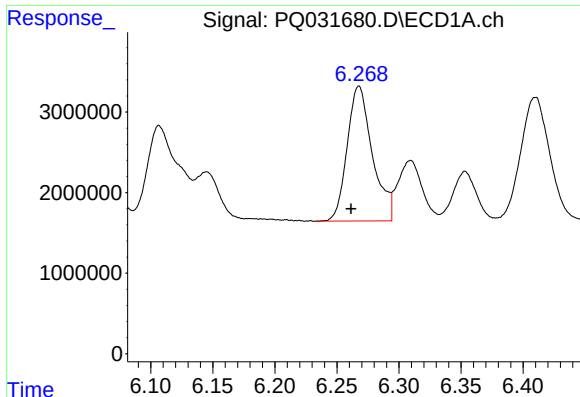
#6 AR-1016-4

R.T.: 5.873 min
Delta R.T.: 0.006 min
Response: 26848529
Conc: 497.57 ng/ml



#6 AR-1016-4

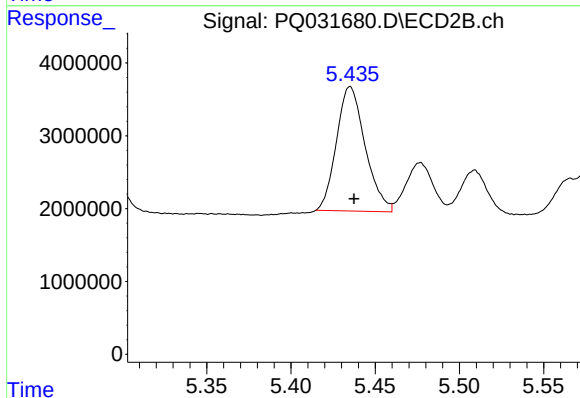
R.T.: 5.057 min
Delta R.T.: -0.003 min
Response: 22678825
Conc: 509.99 ng/ml



#7 AR-1016-5

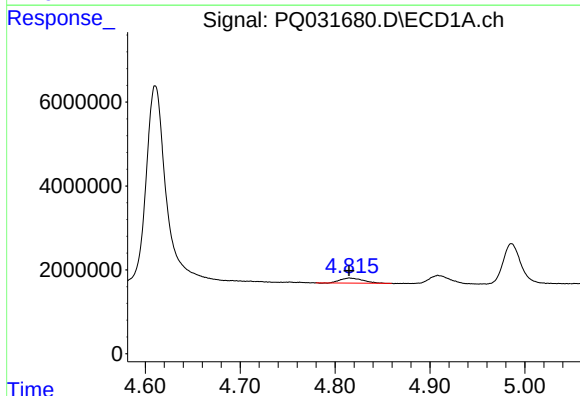
R.T.: 6.268 min
Delta R.T.: 0.006 min
Response: 23654546
Conc: 520.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



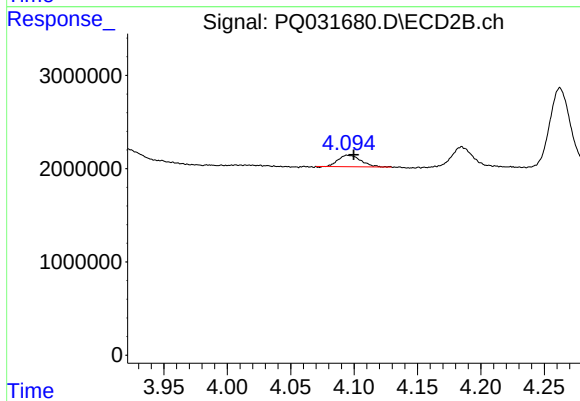
#7 AR-1016-5

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 20251989
Conc: 504.97 ng/ml



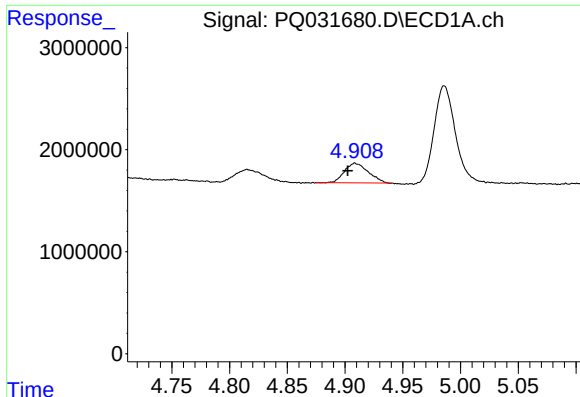
#8 AR-1221-1

R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 1973359
Conc: 112.73 ng/ml



#8 AR-1221-1

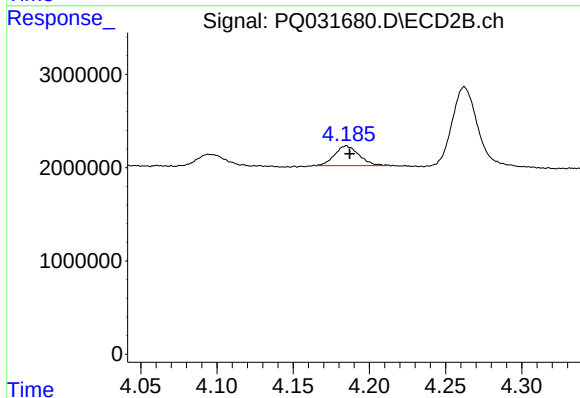
R.T.: 4.095 min
Delta R.T.: -0.005 min
Response: 1508294
Conc: 109.03 ng/ml



#9 AR-1221-2

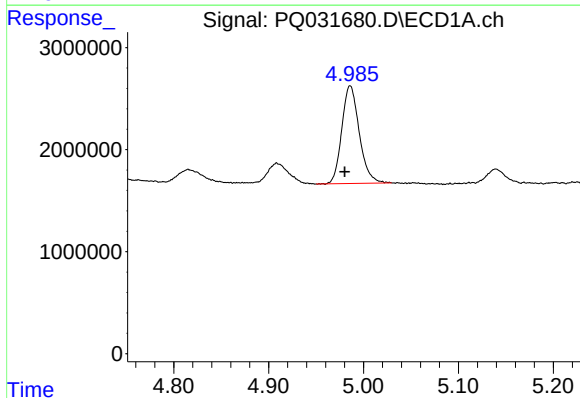
R.T.: 4.909 min
Delta R.T.: 0.006 min
Response: 2770191
Conc: 211.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



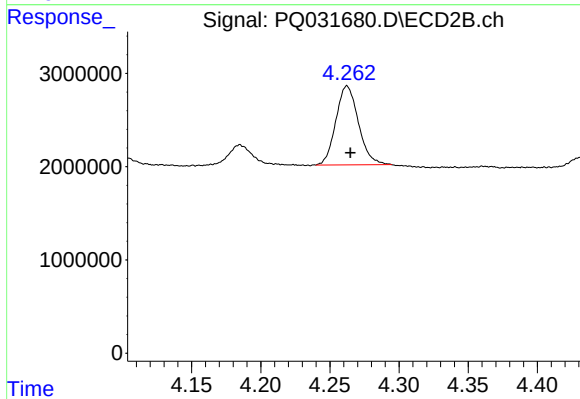
#9 AR-1221-2

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 2358426
Conc: 216.56 ng/ml



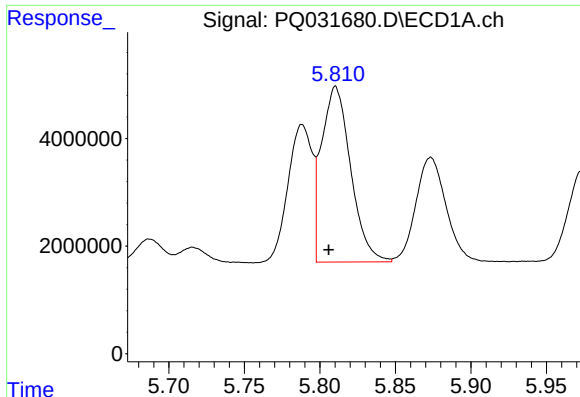
#10 AR-1221-3

R.T.: 4.986 min
Delta R.T.: 0.006 min
Response: 12264876
Conc: 285.55 ng/ml



#10 AR-1221-3

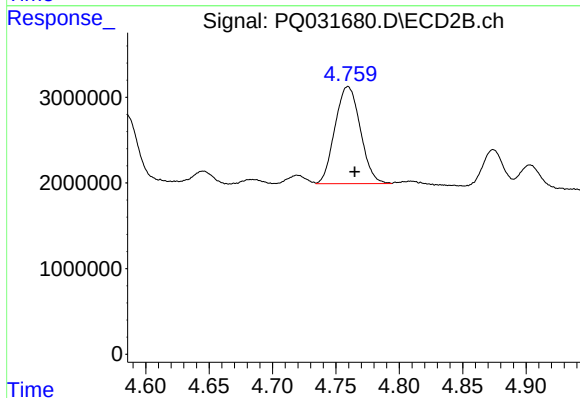
R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 9614797
Conc: 277.04 ng/ml



#11 AR-1232-1

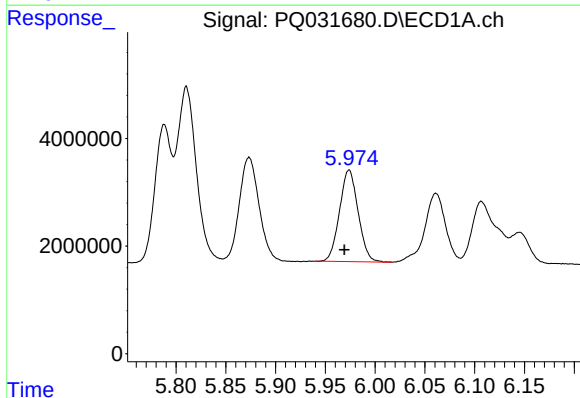
R.T.: 5.810 min
Delta R.T.: 0.005 min
Response: 43890063
Conc: 1450.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



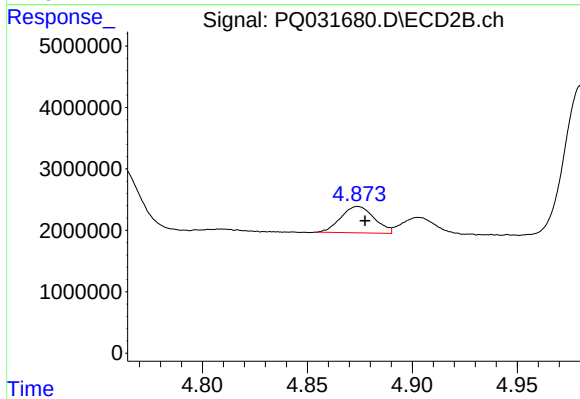
#11 AR-1232-1

R.T.: 4.759 min
Delta R.T.: -0.005 min
Response: 15781203
Conc: 1251.10 ng/ml



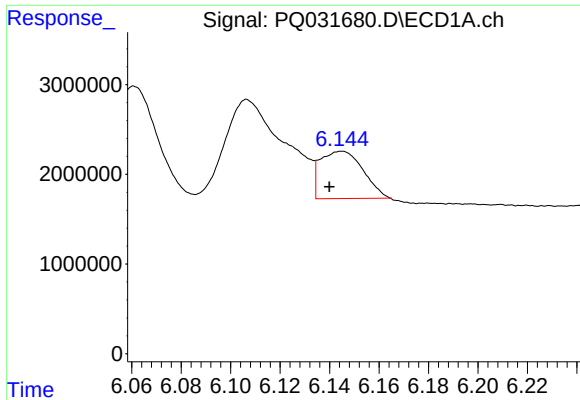
#12 AR-1232-2

R.T.: 5.974 min
Delta R.T.: 0.005 min
Response: 22125389
Conc: 1427.10 ng/ml



#12 AR-1232-2

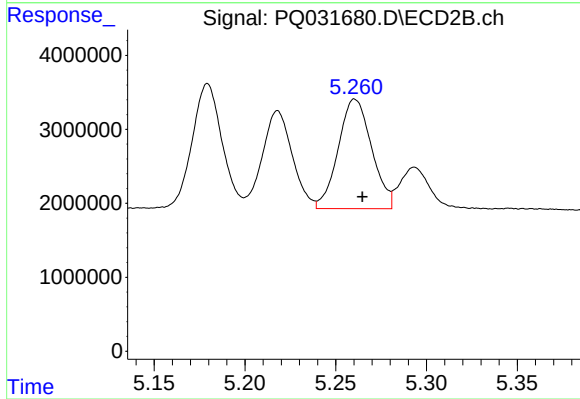
R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 4766920
Conc: 1329.51 ng/ml



#13 AR-1232-3

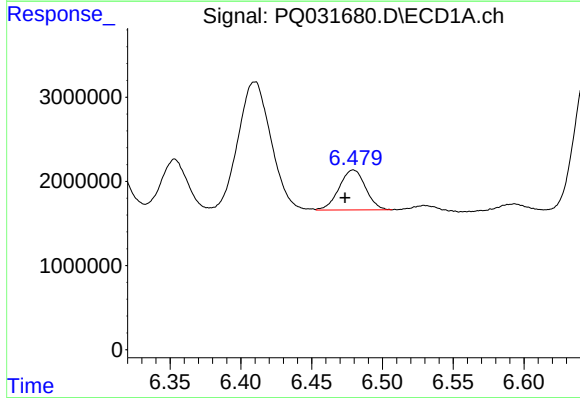
R.T.: 6.145 min
Delta R.T.: 0.005 min
Response: 6344849
Conc: 1549.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



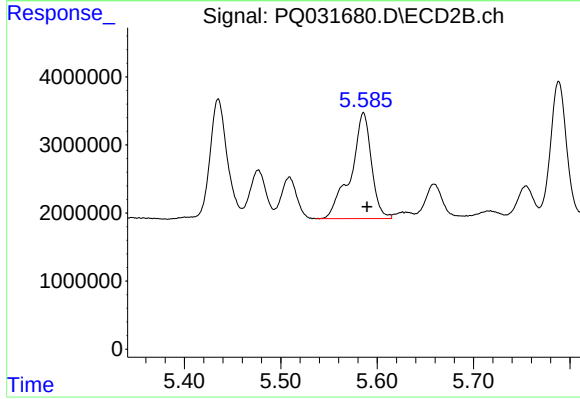
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 18982571
Conc: 1539.88 ng/ml



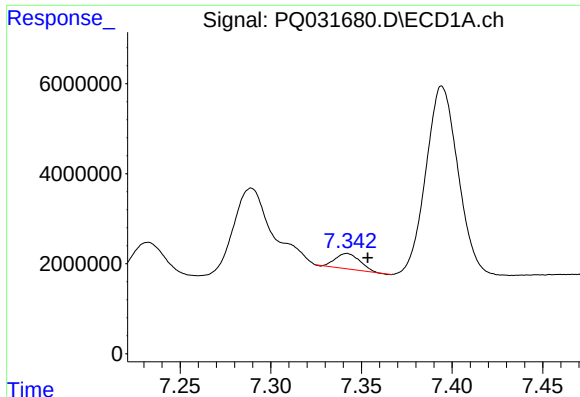
#14 AR-1232-4

R.T.: 6.479 min
Delta R.T.: 0.006 min
Response: 6168143
Conc: 1388.94 ng/ml



#14 AR-1232-4

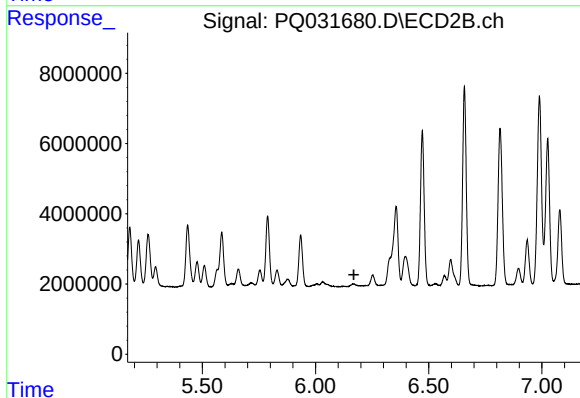
R.T.: 5.586 min
Delta R.T.: -0.004 min
Response: 23102989
Conc: 1530.50 ng/ml



#15 AR-1232-5

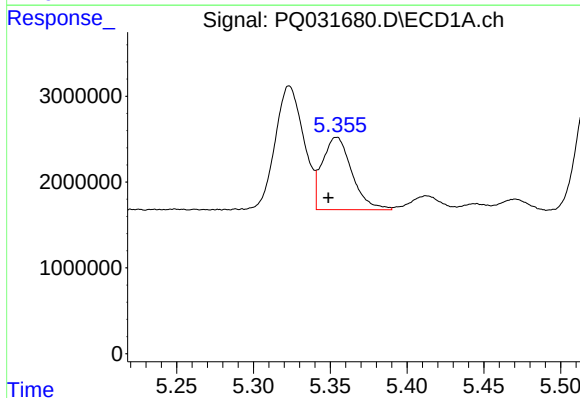
R.T.: 7.342 min
Delta R.T.: -0.011 min
Response: 3213280
Conc: 1208.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



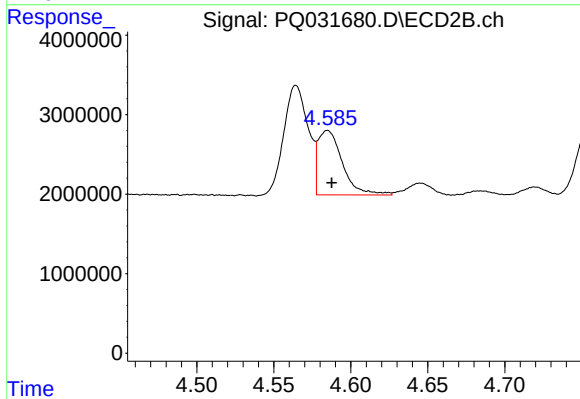
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



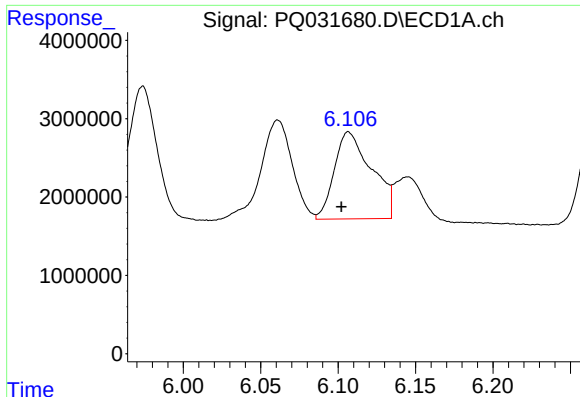
#16 AR-1242-1

R.T.: 5.354 min
Delta R.T.: 0.005 min
Response: 11332399
Conc: 619.80 ng/ml



#16 AR-1242-1

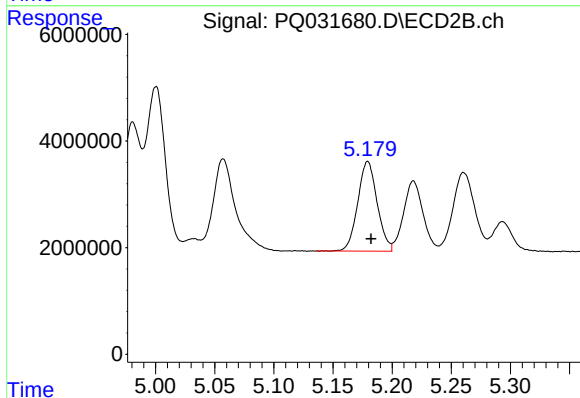
R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 8954502
Conc: 640.17 ng/ml



#17 AR-1242-2

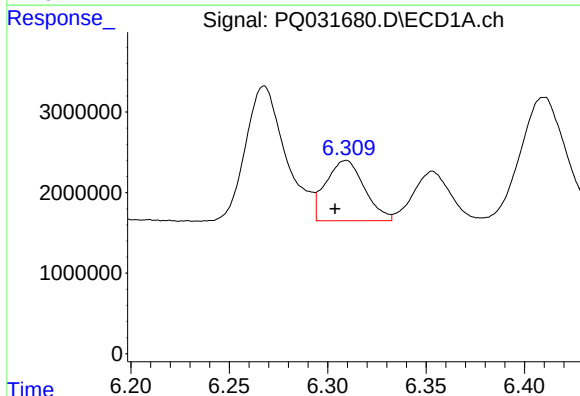
R.T.: 6.107 min
Delta R.T.: 0.005 min
Response: 18655526
Conc: 606.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



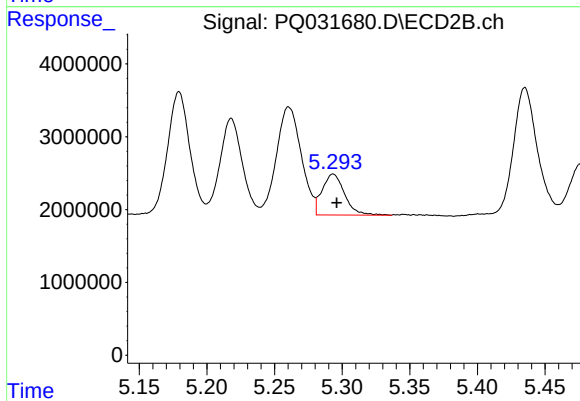
#17 AR-1242-2

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 19218063
Conc: 669.72 ng/ml



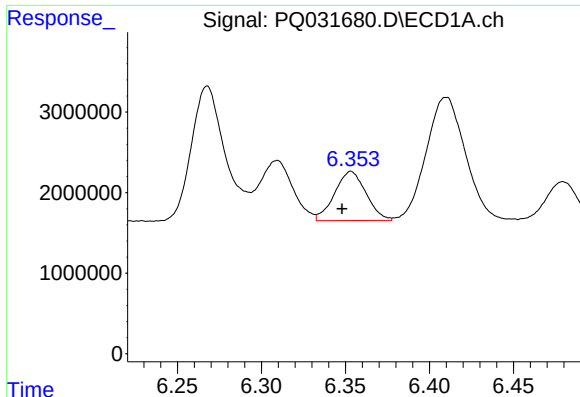
#18 AR-1242-3

R.T.: 6.309 min
Delta R.T.: 0.005 min
Response: 10181510
Conc: 631.53 ng/ml



#18 AR-1242-3

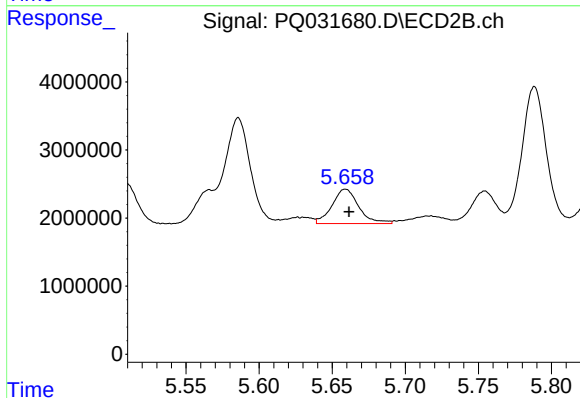
R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 6494227
Conc: 675.86 ng/ml



#19 AR-1242-4

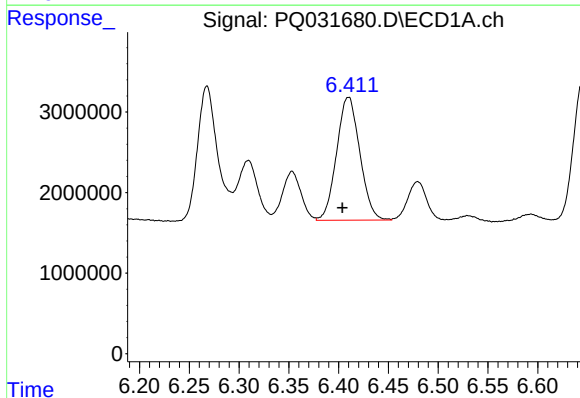
R.T.: 6.353 min
Delta R.T.: 0.005 min
Response: 7932489
Conc: 584.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



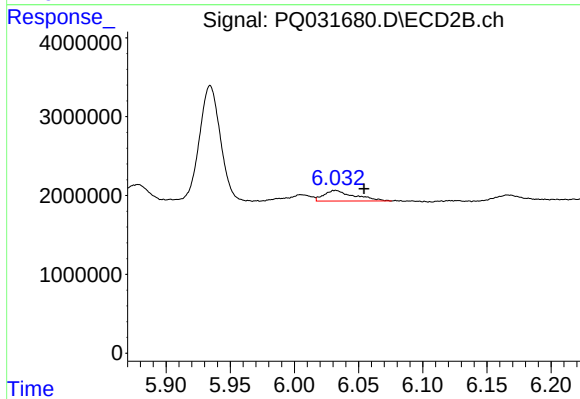
#19 AR-1242-4

R.T.: 5.659 min
Delta R.T.: -0.002 min
Response: 6429777
Conc: 731.04 ng/ml



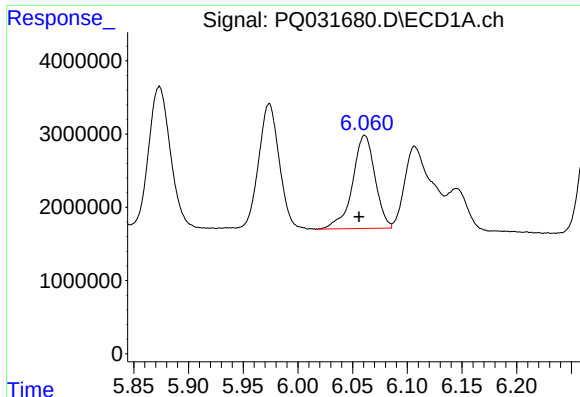
#20 AR-1242-5

R.T.: 6.410 min
Delta R.T.: 0.006 min
Response: 24804574
Conc: 632.54 ng/ml



#20 AR-1242-5

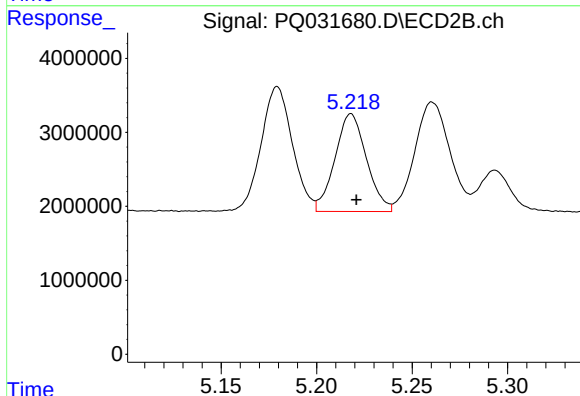
R.T.: 6.032 min
Delta R.T.: -0.022 min
Response: 2251579
Conc: 98.43 ng/ml



#21 AR-1248-1

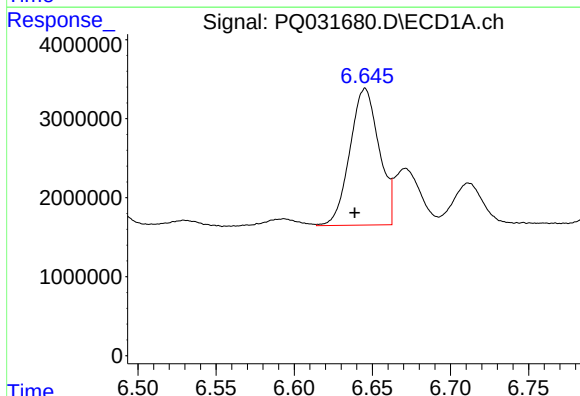
R.T.: 6.061 min
Delta R.T.: 0.005 min
Response: 18190970
Conc: 320.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



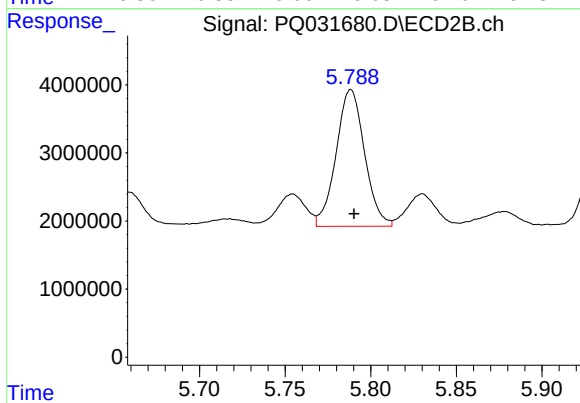
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 15169274
Conc: 321.29 ng/ml



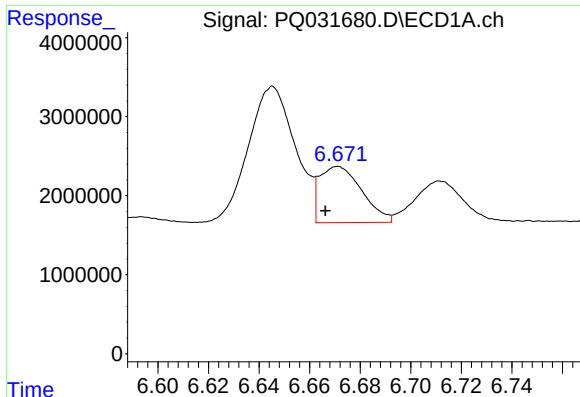
#22 AR-1248-2

R.T.: 6.645 min
Delta R.T.: 0.007 min
Response: 22513213
Conc: 379.02 ng/ml



#22 AR-1248-2

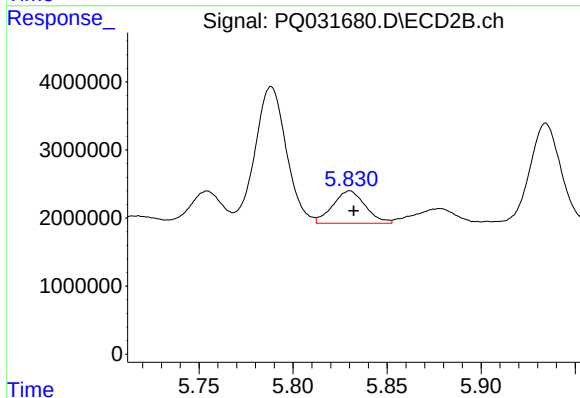
R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 23242679
Conc: 249.36 ng/ml



#23 AR-1248-3

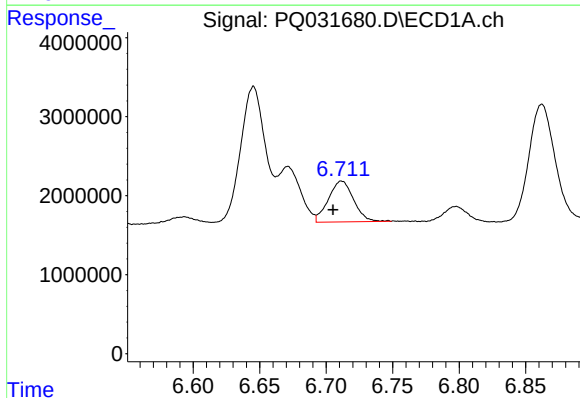
R.T.: 6.671 min
Delta R.T.: 0.005 min
Response: 8263103
Conc: 103.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



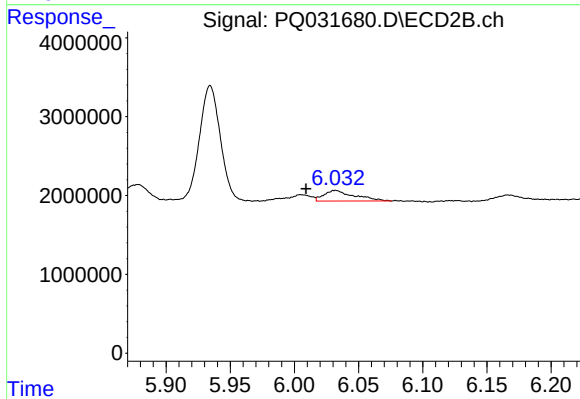
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 5734173
Conc: 89.71 ng/ml



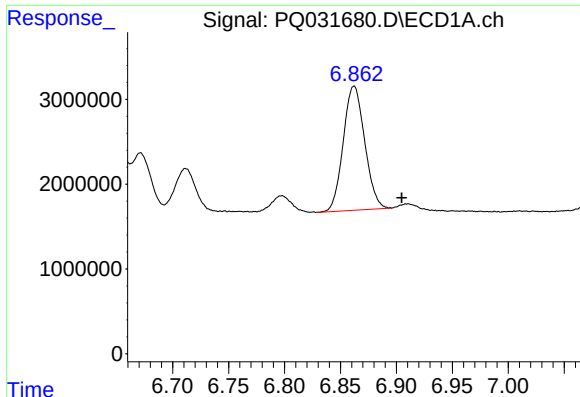
#24 AR-1248-4

R.T.: 6.712 min
Delta R.T.: 0.007 min
Response: 6853499
Conc: 90.05 ng/ml



#24 AR-1248-4

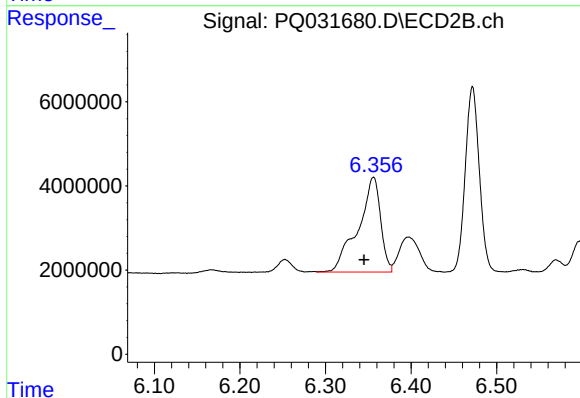
R.T.: 6.032 min
Delta R.T.: 0.023 min
Response: 2251579
Conc: 39.12 ng/ml



#25 AR-1248-5

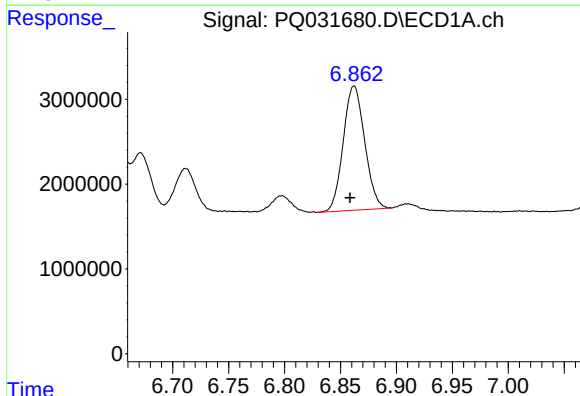
R.T.: 6.862 min
Delta R.T.: -0.043 min
Response: 19563807
Conc: 382.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



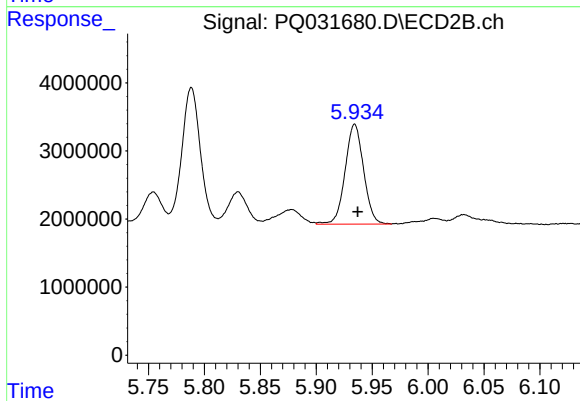
#25 AR-1248-5

R.T.: 6.356 min
Delta R.T.: 0.011 min
Response: 41172568
Conc: 891.49 ng/ml



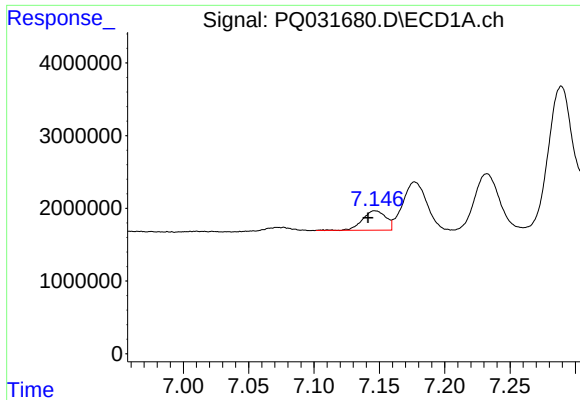
#26 AR-1254-1

R.T.: 6.862 min
Delta R.T.: 0.004 min
Response: 19563807
Conc: 134.87 ng/ml



#26 AR-1254-1

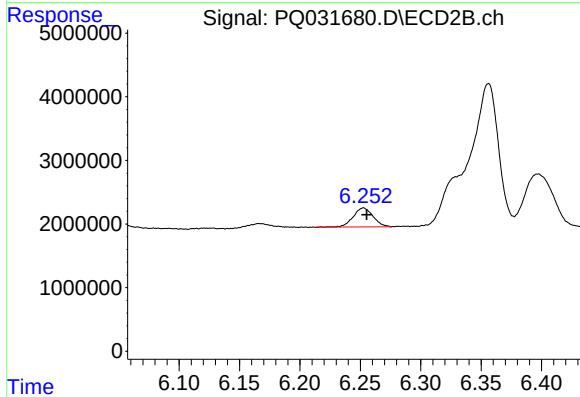
R.T.: 5.934 min
Delta R.T.: -0.003 min
Response: 16874221
Conc: 169.04 ng/ml



#27 AR-1254-2

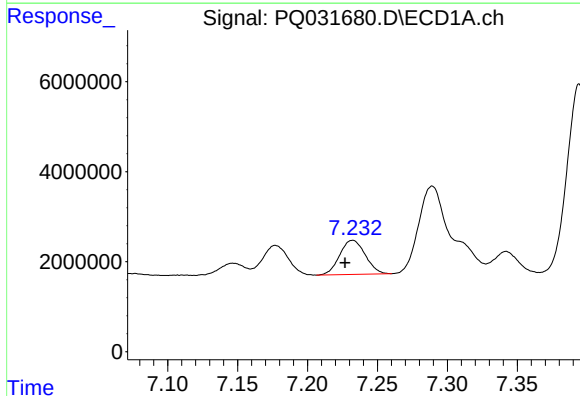
R.T.: 7.147 min
Delta R.T.: 0.005 min
Response: 3314997
Conc: 36.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



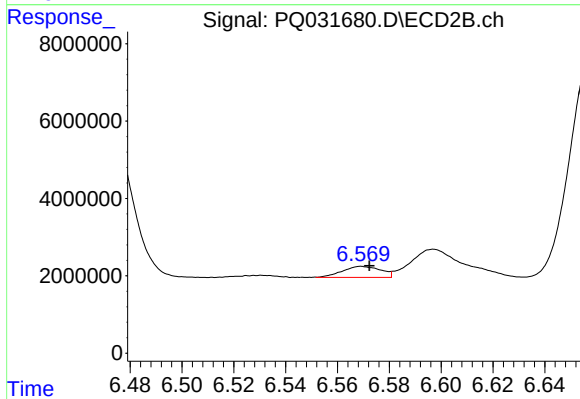
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 3426787
Conc: 39.08 ng/ml



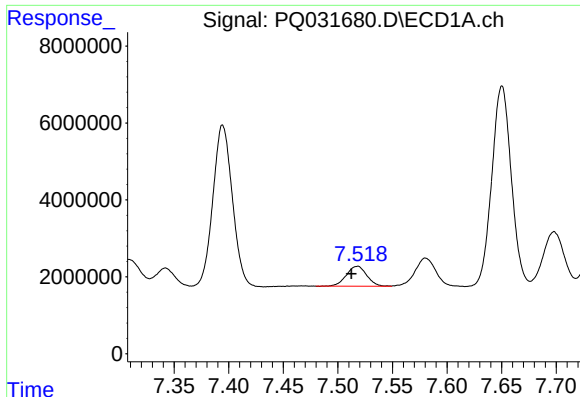
#28 AR-1254-3

R.T.: 7.232 min
Delta R.T.: 0.005 min
Response: 9655910
Conc: 58.92 ng/ml



#28 AR-1254-3

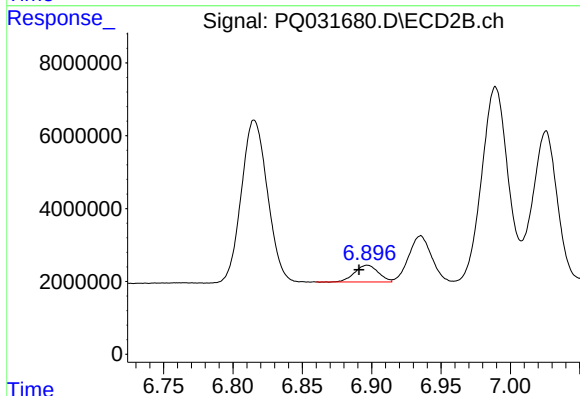
R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 2951776
Conc: 25.55 ng/ml



#29 AR-1254-4

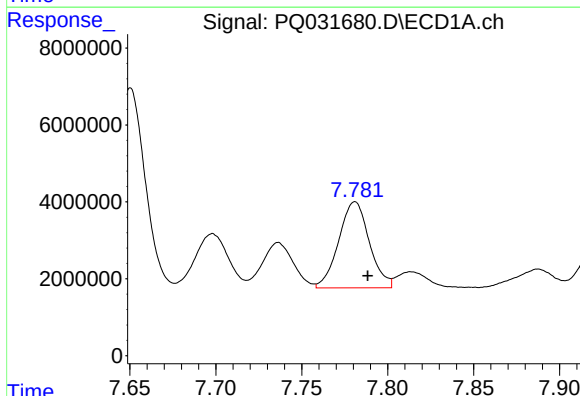
R.T.: 7.518 min
Delta R.T.: 0.006 min
Response: 6809277
Conc: 55.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



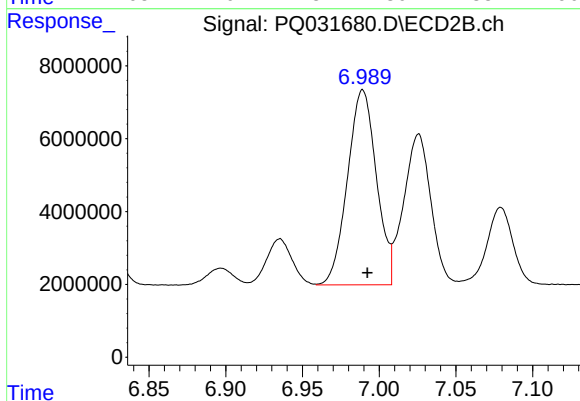
#29 AR-1254-4

R.T.: 6.897 min
Delta R.T.: 0.006 min
Response: 5480408
Conc: 66.00 ng/ml



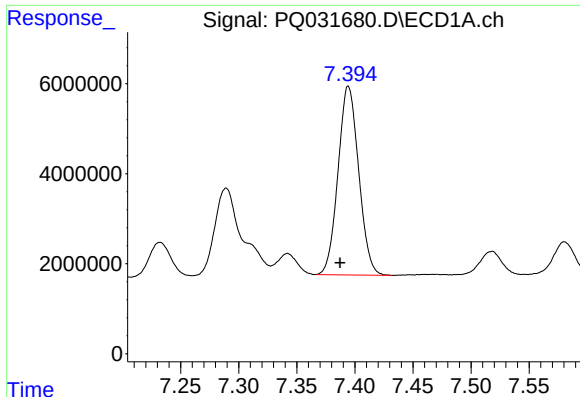
#30 AR-1254-5

R.T.: 7.781 min
Delta R.T.: -0.007 min
Response: 27808991
Conc: 293.05 ng/ml



#30 AR-1254-5

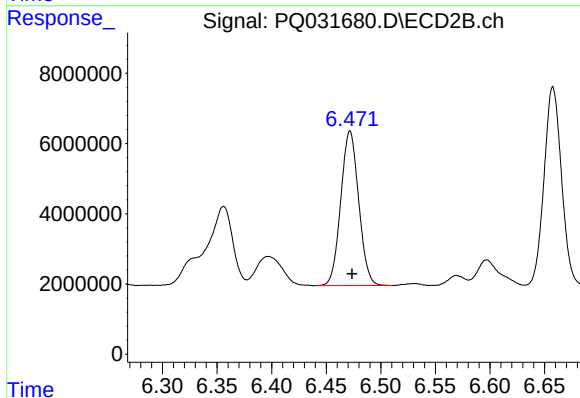
R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 70235434
Conc: 422.44 ng/ml



#31 AR-1260-1

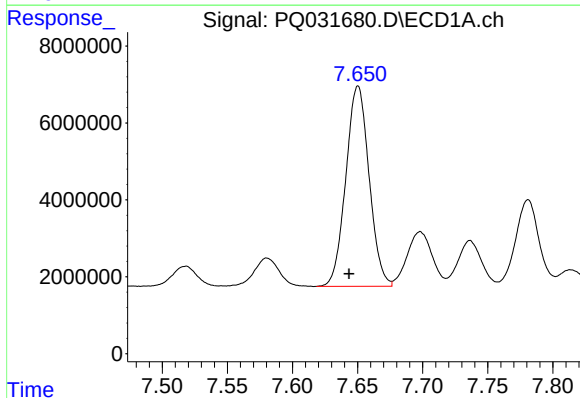
R.T.: 7.394 min
Delta R.T.: 0.007 min
Response: 51943439
Conc: 472.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



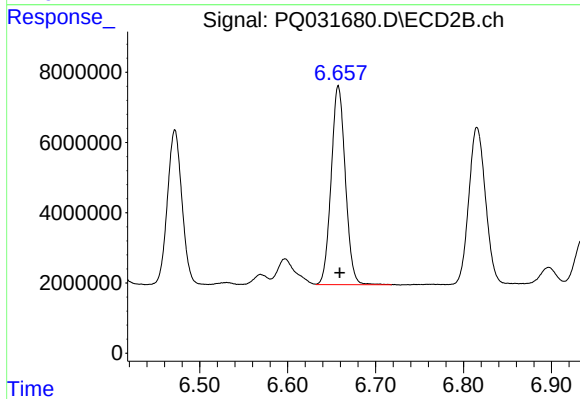
#31 AR-1260-1

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 50279058
Conc: 497.80 ng/ml



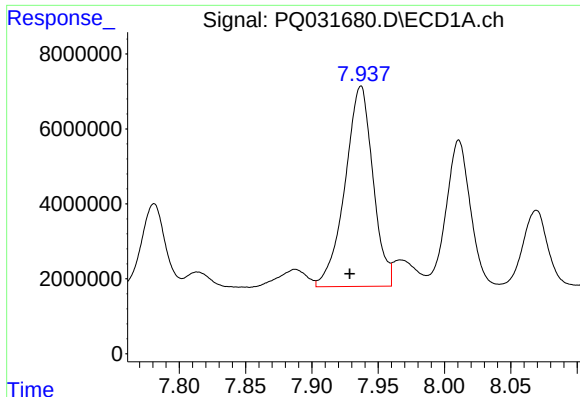
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.007 min
Response: 64830778
Conc: 489.33 ng/ml



#32 AR-1260-2

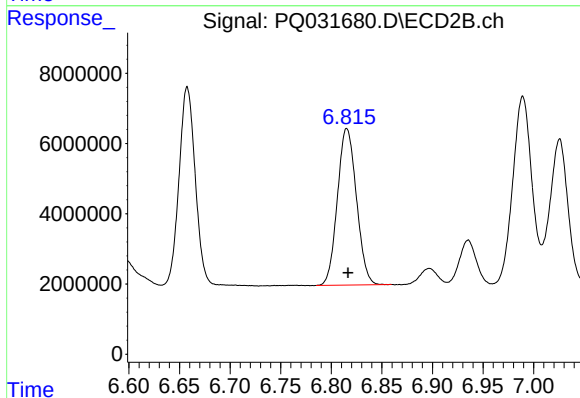
R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 63223743
Conc: 489.38 ng/ml



#33 AR-1260-3

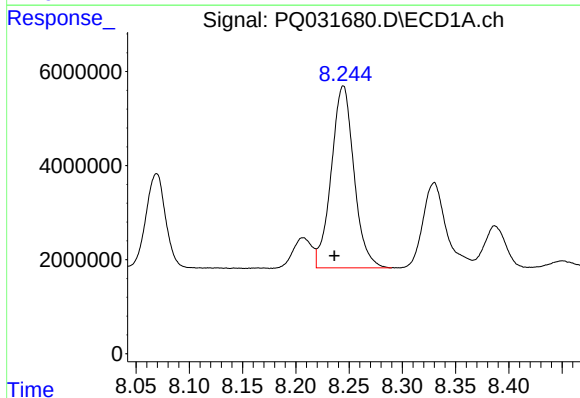
R.T.: 7.937 min
Delta R.T.: 0.008 min
Response: 78290076
Conc: 496.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



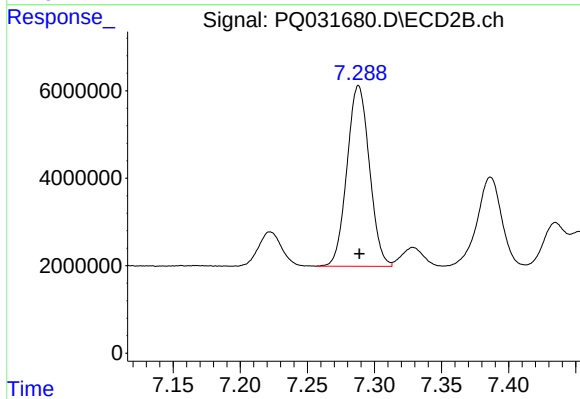
#33 AR-1260-3

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 58398034
Conc: 485.64 ng/ml



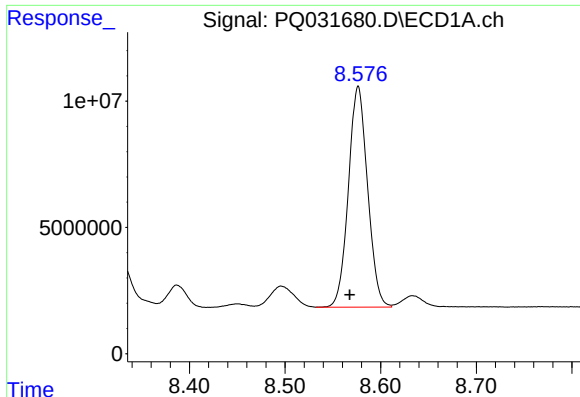
#34 AR-1260-4

R.T.: 8.245 min
Delta R.T.: 0.008 min
Response: 57497898
Conc: 491.68 ng/ml



#34 AR-1260-4

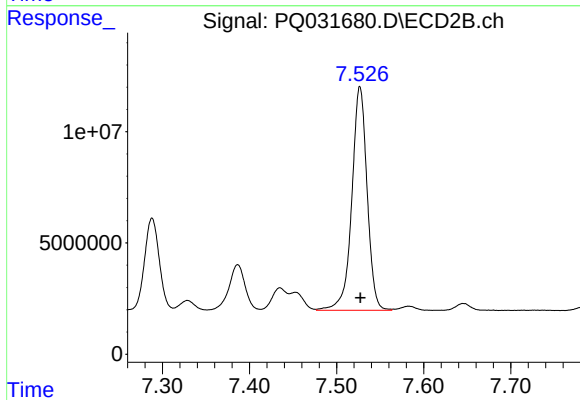
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 48069684
Conc: 464.86 ng/ml



#35 AR-1260-5

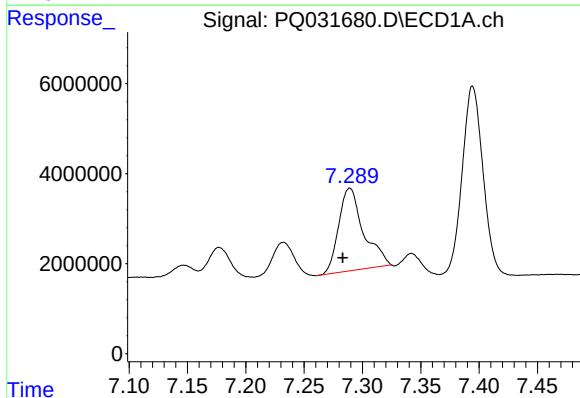
R.T.: 8.577 min
Delta R.T.: 0.009 min
Response: 122208908
Conc: 514.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



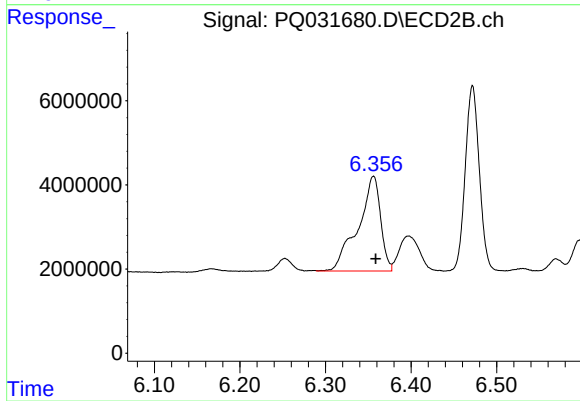
#35 AR-1260-5

R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 122800729
Conc: 482.26 ng/ml



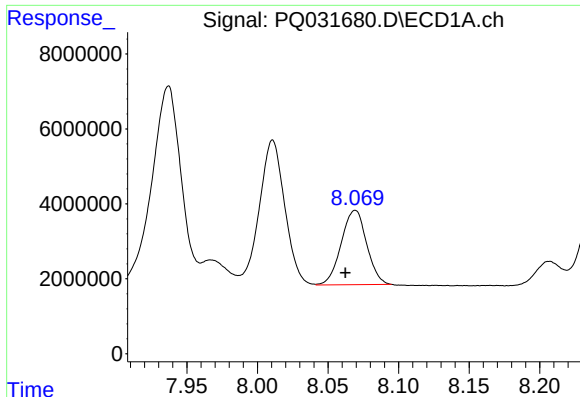
#36 AR-1262-1

R.T.: 7.289 min
Delta R.T.: 0.006 min
Response: 27289031
Conc: 473.78 ng/ml



#36 AR-1262-1

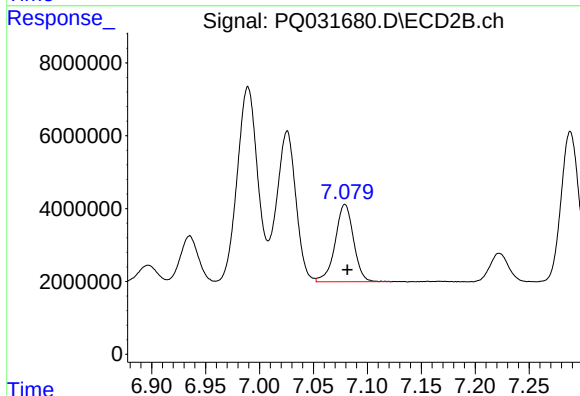
R.T.: 6.356 min
Delta R.T.: -0.003 min
Response: 41172568
Conc: 820.48 ng/ml



#37 AR-1262-2

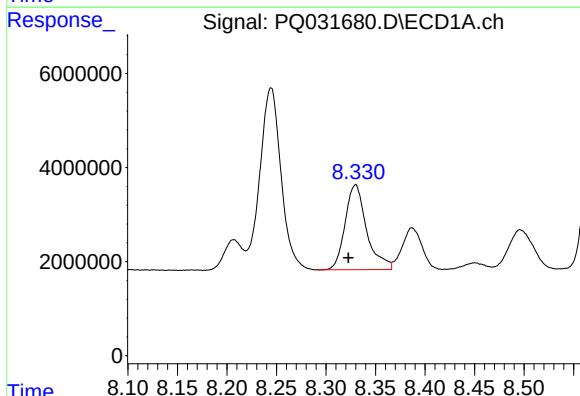
R.T.: 8.069 min
Delta R.T.: 0.007 min
Response: 24903095
Conc: 465.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



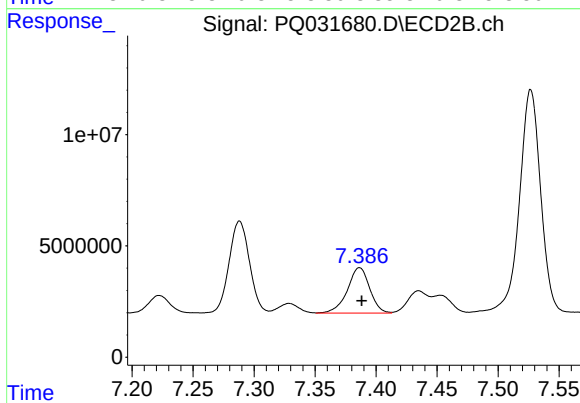
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: -0.002 min
Response: 25256812
Conc: 464.08 ng/ml



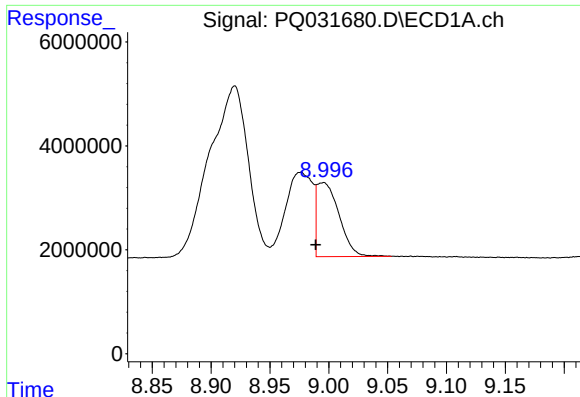
#38 AR-1262-3

R.T.: 8.330 min
Delta R.T.: 0.007 min
Response: 27428894
Conc: 448.39 ng/ml



#38 AR-1262-3

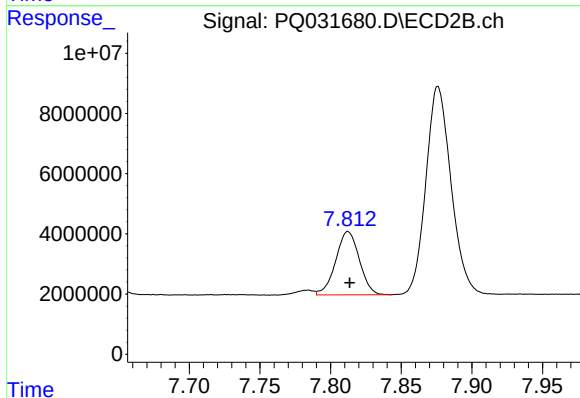
R.T.: 7.386 min
Delta R.T.: -0.002 min
Response: 26010004
Conc: 419.41 ng/ml



#39 AR-1262-4

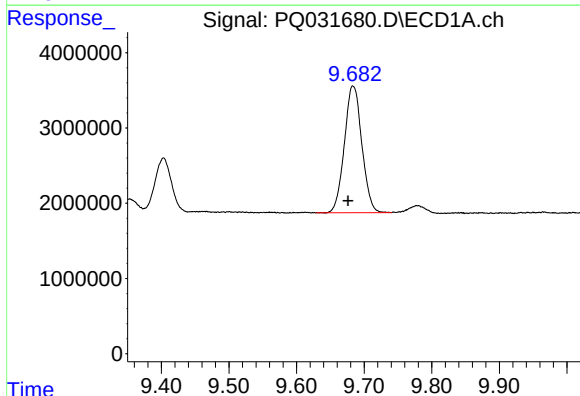
R.T.: 8.995 min
Delta R.T.: 0.007 min
Response: 18788803
Conc: 146.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



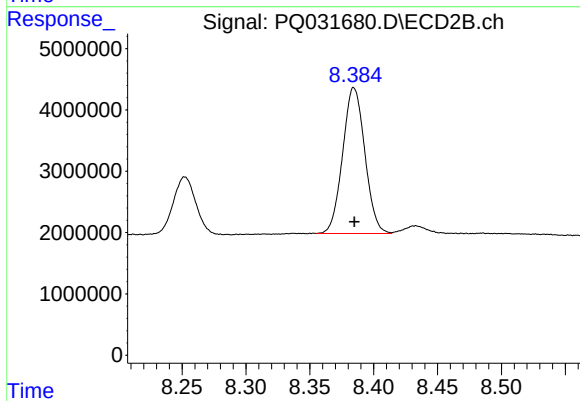
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.001 min
Response: 24525583
Conc: 234.17 ng/ml



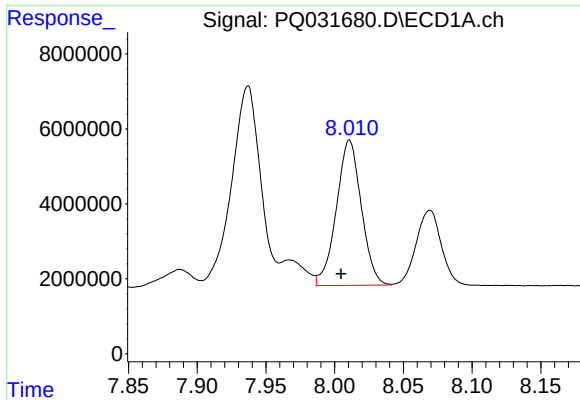
#40 AR-1262-5

R.T.: 9.683 min
Delta R.T.: 0.007 min
Response: 30228234
Conc: 313.53 ng/ml



#40 AR-1262-5

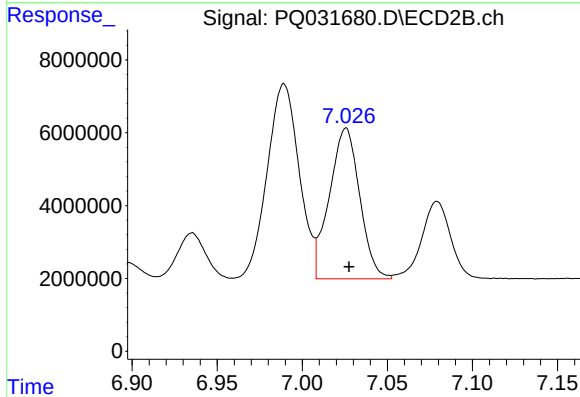
R.T.: 8.385 min
Delta R.T.: 0.000 min
Response: 28797834
Conc: 304.37 ng/ml



#41 AR-1268-1

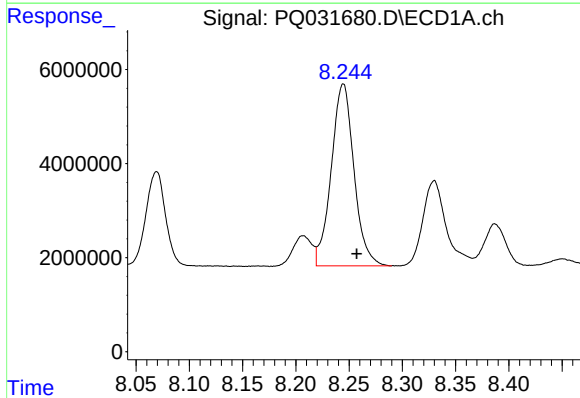
R.T.: 8.011 min
Delta R.T.: 0.006 min
Response: 48993654
Conc: 922.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



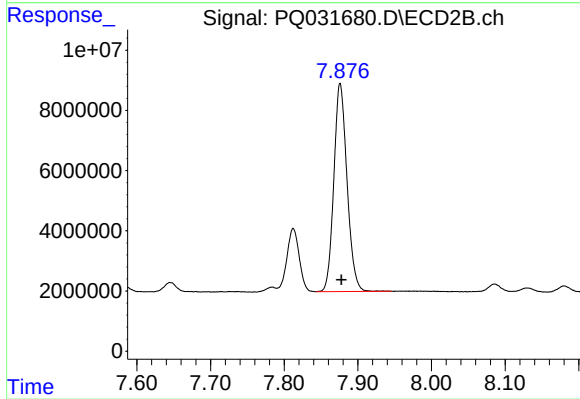
#41 AR-1268-1

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 51341973
Conc: 953.48 ng/ml



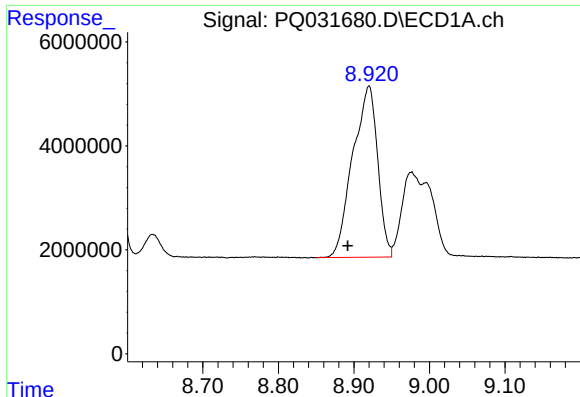
#42 AR-1268-2

R.T.: 8.245 min
Delta R.T.: -0.013 min
Response: 57497898
Conc: 823.82 ng/ml



#42 AR-1268-2

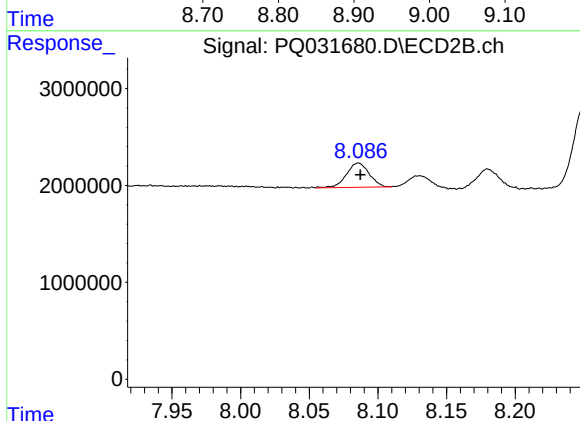
R.T.: 7.876 min
Delta R.T.: -0.002 min
Response: 85957578
Conc: 284.36 ng/ml



#43 AR-1268-3

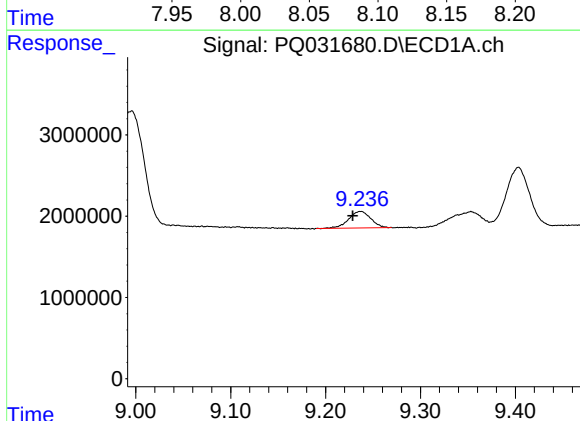
R.T.: 8.920 min
Delta R.T.: 0.028 min
Response: 75366716
Conc: 231.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



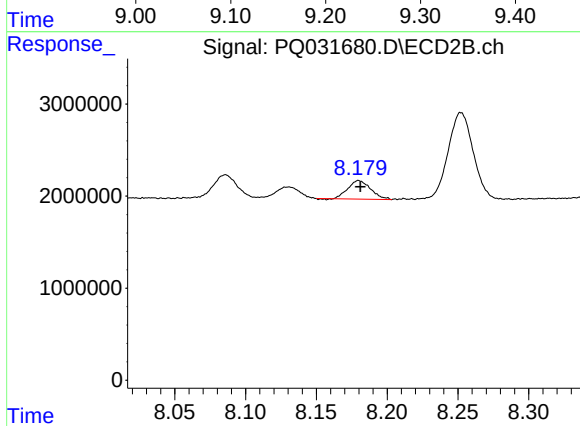
#43 AR-1268-3

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 2876567
Conc: 11.50 ng/ml



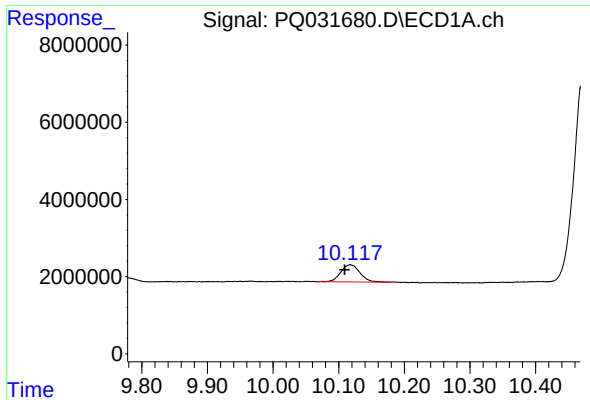
#44 AR-1268-4

R.T.: 9.237 min
Delta R.T.: 0.008 min
Response: 3278418
Conc: 13.11 ng/ml



#44 AR-1268-4

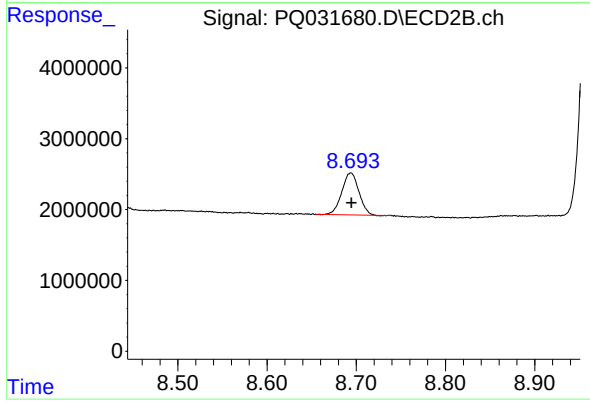
R.T.: 8.180 min
Delta R.T.: -0.001 min
Response: 2230469
Conc: 33.15 ng/ml



#45 AR-1268-5

R.T.: 10.118 min
Delta R.T.: 0.008 min
Response: 9006208
Conc: 10.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 7851397
Conc: 9.32 ng/ml