

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 17:29
 Operator : UA/SM
 Sample : J2999-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:41:51 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 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...	4.605	3.769	2488.7E6	281.9E6	30.115	31.524
2)	SA Decachlor...	10.342	8.711	1140.0E6	169.4E6	18.698	14.586
Target Compounds							
3)	L1 AR-1016-1	4.967	4.624	413.9E6	81131417	312.791	332.355
4)	L1 AR-1016-2	5.491	5.032	587.6E6	77333655	294.706	282.163
5)	L1 AR-1016-3	5.838	5.073	797.3E6	62635961	291.971	293.456
6)	L1 AR-1016-4	6.025	5.114	545.3E6	77567490	298.763	296.911
7)	L1 AR-1016-5	6.366	5.283	508.1E6	82219073	208.518	284.338 #
8)	L2 AR-1221-1	4.802	3.978	79239868	10007486	43.040	50.096
9)	L2 AR-1221-2	4.892	4.065	109.2E6	17450033	83.940	117.094 #
10)	L2 AR-1221-3	4.967	4.140	413.9E6	60462441	98.832	131.643 #
11)	L3 AR-1232-1	4.967	4.140	413.9E6	60462441	244.245	287.765
12)	L3 AR-1232-2	5.491	4.915	587.6E6	105.6E6	561.133	569.171
13)	L3 AR-1232-3	5.838	5.032	797.3E6	77333655	537.043	557.690
14)	L3 AR-1232-4	5.936	5.283	673.2E6	82219073	543.891	559.771
15)	L3 AR-1232-5	6.226	5.629	599.5E6	64189369	574.152	393.122 #
16)	L4 AR-1242-1	5.491	4.624	587.6E6	81131417	382.639	417.377
17)	L4 AR-1242-2	5.755	4.858	883.1E6	269.4E6	372.842	592.086 #
18)	L4 AR-1242-3	5.838	5.032	797.3E6	77333655	371.306	372.414
19)	L4 AR-1242-4	6.226	5.114	599.5E6	77567490	338.420	384.034
20)	L4 AR-1242-5	6.366	5.283	508.1E6	82219073	261.669	363.193 #
21)	L5 AR-1248-1	6.226	5.073	599.5E6	62635961	189.805	212.173
22)	L5 AR-1248-2	6.366	5.114	508.1E6	77567490	182.269	251.940 #
23)	L5 AR-1248-3	6.599	5.283	556.4E6	82219073	138.915	210.634 #
24)	L5 AR-1248-4	6.663	5.629	95749327	64189369	26.112	114.311 #
25)	L5 AR-1248-5	6.814	5.668	429.8E6	11490635	117.354	27.834 #
26)	L6 AR-1254-1	6.599	5.629	556.4E6	64189369	160.787	119.692 #
27)	L6 AR-1254-2	6.814	5.773	429.8E6	61132967	80.512	133.315 #
28)	L6 AR-1254-3	7.177	6.184	216.7E6	131.0E6	36.412	165.281 #
29)	L6 AR-1254-4	7.459	6.396	99331011	13499720	21.249	24.784
30)	L6 AR-1254-5	7.720	6.635	440.0E6	162.7E6	136.135	470.055 #
31)	L7 AR-1260-1	7.340	6.298	842.4E6	147.6E6	191.391	239.255 #
32)	L7 AR-1260-2	7.592	6.635	1019.4E6	162.7E6	167.820	229.674 #
33)	L7 AR-1260-3	7.872	7.100	1119.2E6	111.0E6	179.866	187.232
34)	L7 AR-1260-4	8.500	7.339	1336.9E6	241.3E6	138.718	165.011
35)	L7 AR-1260-5	8.832	7.681	784.7E6	155.9E6	144.232	148.409
36)	L8 AR-1262-1	7.340	6.298	842.4E6	147.6E6	224.324	294.680 #
37)	L8 AR-1262-2	7.592	6.484	1019.4E6	182.7E6	194.807	286.280 #
38)	L8 AR-1262-3	7.950	6.842	654.5E6	126.7E6	82.246	139.737 #
39)	L8 AR-1262-4	8.177	7.100	644.1E6	111.0E6	112.296	139.565
40)	L8 AR-1262-5	8.500	7.339	1336.9E6	241.3E6	101.760	143.717 #
41)	L9 AR-1268-1	8.832	7.616	784.7E6	50669033	57.526	27.923 #

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 Operator : UA/SM
 Sample : J2999-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

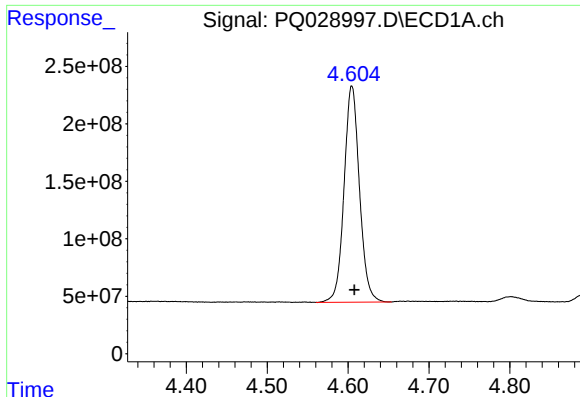
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:41:51 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
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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	8.894	7.681	462.9E6	155.9E6	39.444	87.964 #
43) L9	AR-1268-3	0.000	7.883	0	4776896	N.D.	3.469 #
44) L9	AR-1268-4	9.574	8.173	291.9E6	46732509	78.298	74.271
45) L9	AR-1268-5	9.997	8.462	90511536	15895879	3.507	3.613

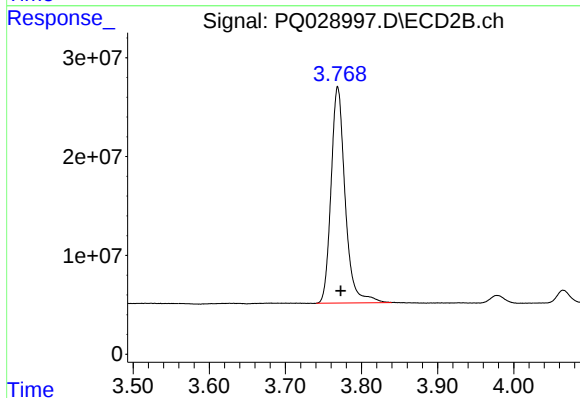
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

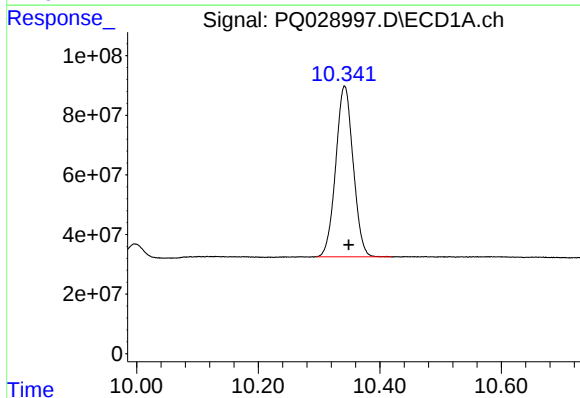
R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 2488714801
Conc: 30.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



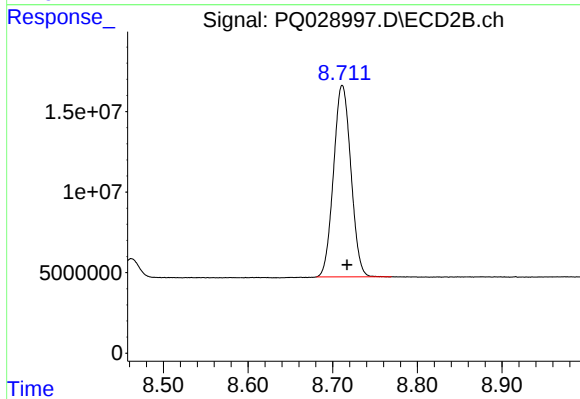
#1 Tetrachloro-m-xylene

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 281881834
Conc: 31.52 ng/ml



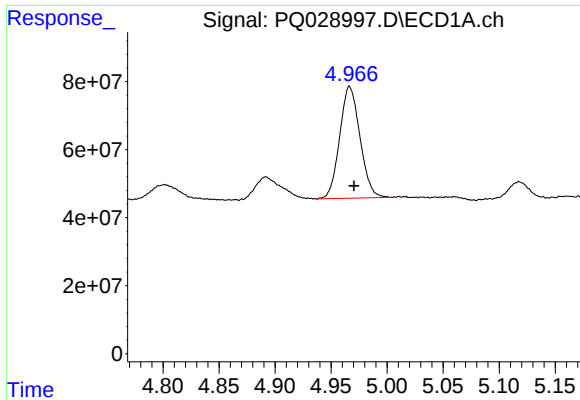
#2 Decachlorobiphenyl

R.T.: 10.342 min
Delta R.T.: -0.007 min
Response: 1139998459
Conc: 18.70 ng/ml



#2 Decachlorobiphenyl

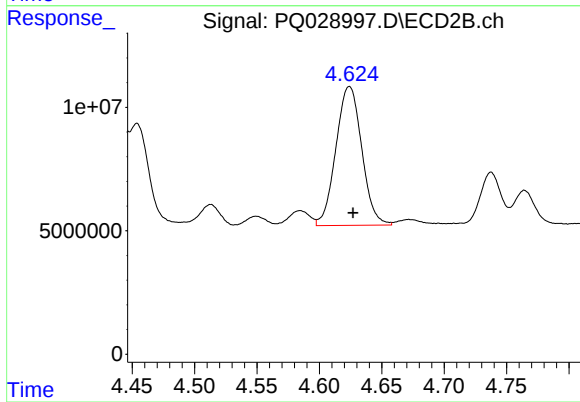
R.T.: 8.711 min
Delta R.T.: -0.006 min
Response: 169388944
Conc: 14.59 ng/ml



#3 AR-1016-1

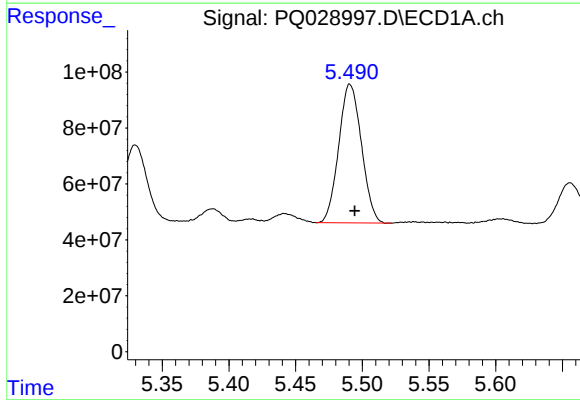
R.T.: 4.967 min
Delta R.T.: -0.004 min
Response: 413853080
Conc: 312.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



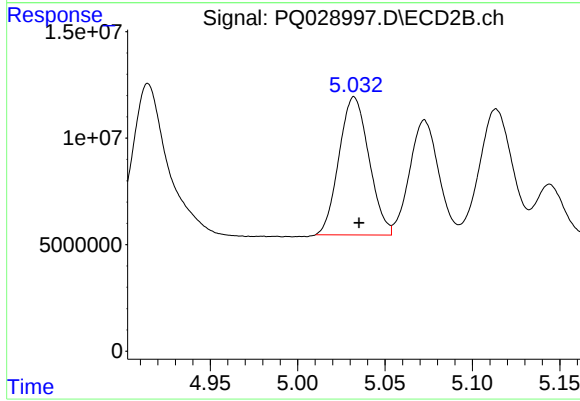
#3 AR-1016-1

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 81131417
Conc: 332.36 ng/ml



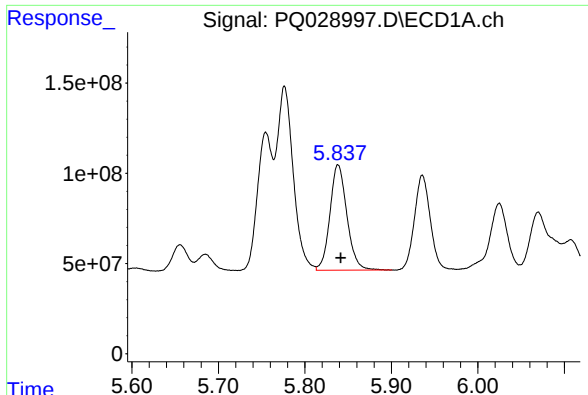
#4 AR-1016-2

R.T.: 5.491 min
Delta R.T.: -0.004 min
Response: 587574721
Conc: 294.71 ng/ml



#4 AR-1016-2

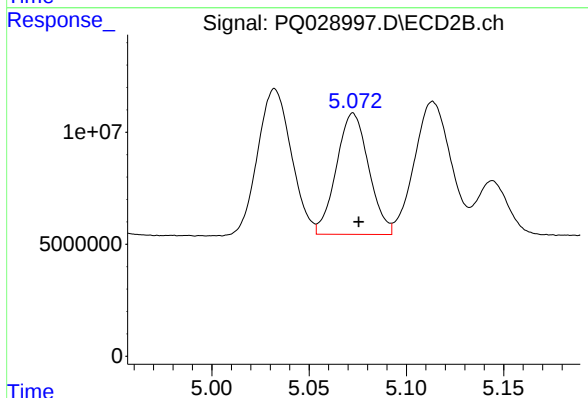
R.T.: 5.032 min
Delta R.T.: -0.003 min
Response: 77333655
Conc: 282.16 ng/ml



#5 AR-1016-3

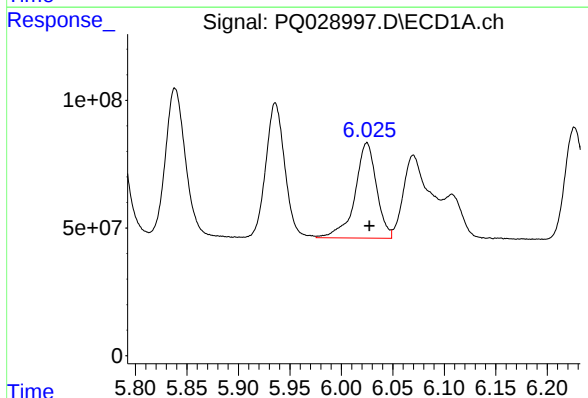
R.T.: 5.838 min
Delta R.T.: -0.003 min
Response: 797250905
Conc: 291.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



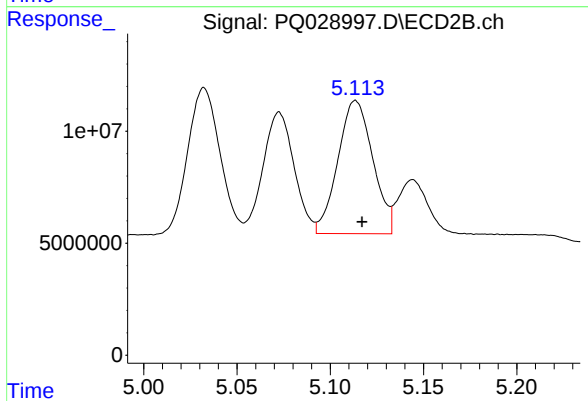
#5 AR-1016-3

R.T.: 5.073 min
Delta R.T.: -0.003 min
Response: 62635961
Conc: 293.46 ng/ml



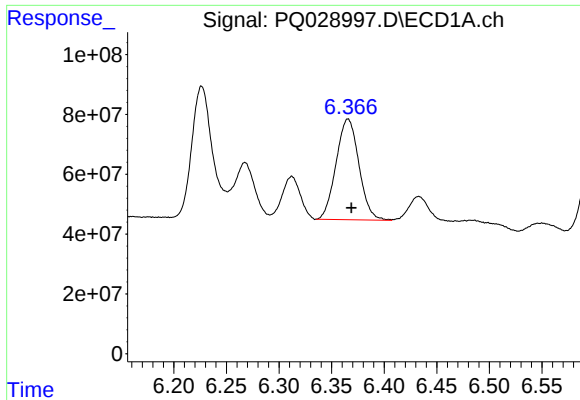
#6 AR-1016-4

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 545310848
Conc: 298.76 ng/ml



#6 AR-1016-4

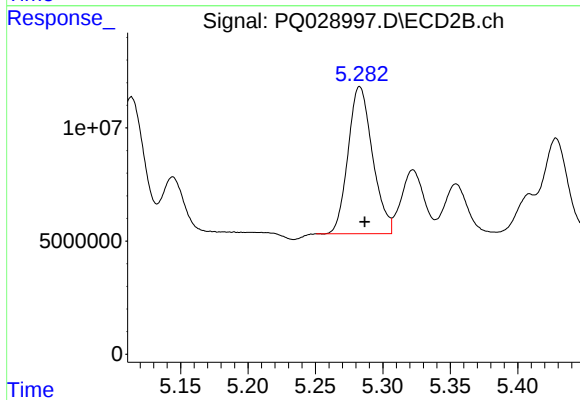
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 77567490
Conc: 296.91 ng/ml



#7 AR-1016-5

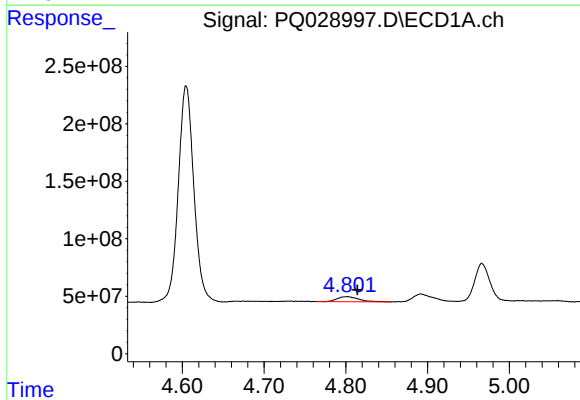
R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 508087533
Conc: 208.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



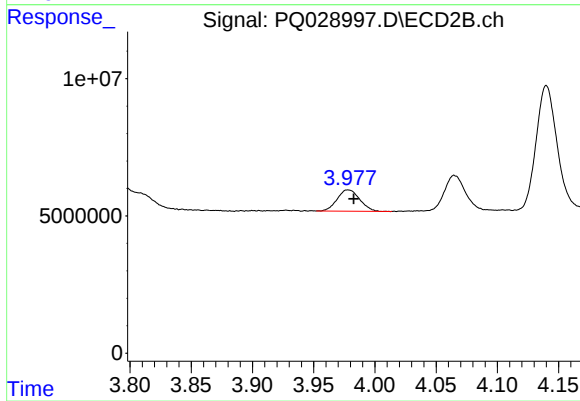
#7 AR-1016-5

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 82219073
Conc: 284.34 ng/ml



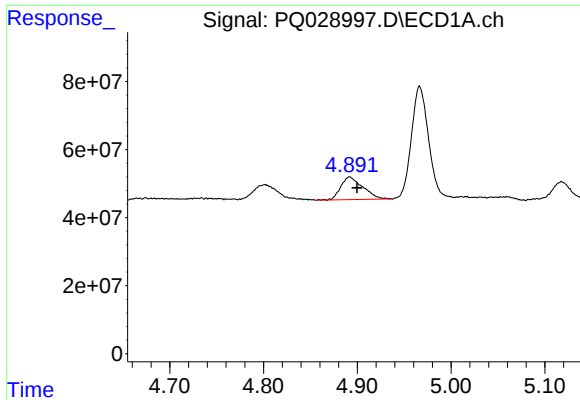
#8 AR-1221-1

R.T.: 4.802 min
Delta R.T.: -0.013 min
Response: 79239868
Conc: 43.04 ng/ml



#8 AR-1221-1

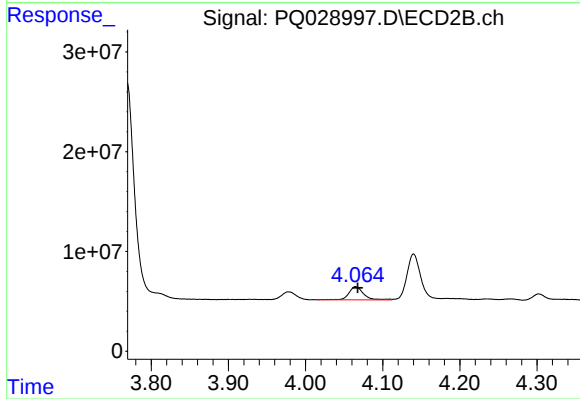
R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 10007486
Conc: 50.10 ng/ml



#9 AR-1221-2

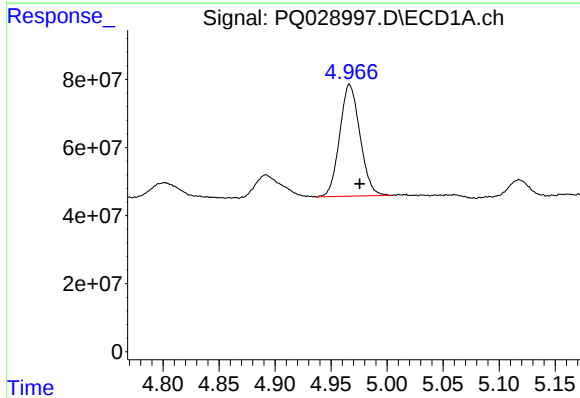
R.T.: 4.892 min
Delta R.T.: -0.008 min
Response: 109159857
Conc: 83.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



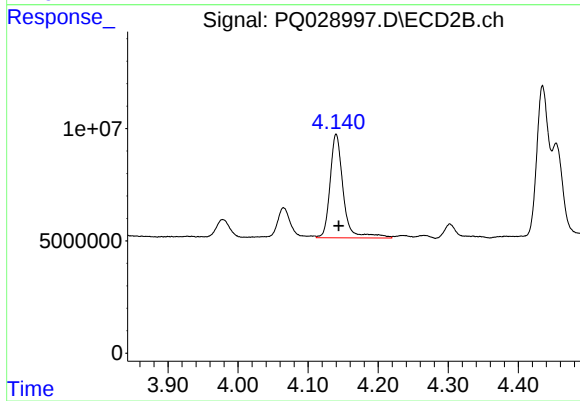
#9 AR-1221-2

R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 17450033
Conc: 117.09 ng/ml



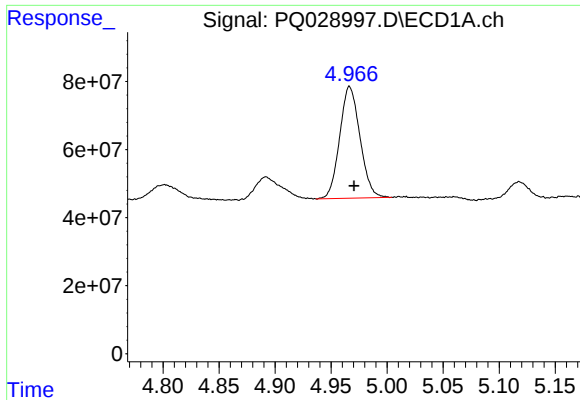
#10 AR-1221-3

R.T.: 4.967 min
Delta R.T.: -0.009 min
Response: 413853080
Conc: 98.83 ng/ml



#10 AR-1221-3

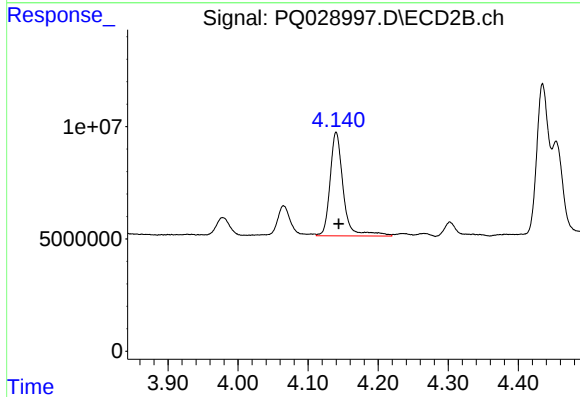
R.T.: 4.140 min
Delta R.T.: -0.003 min
Response: 60462441
Conc: 131.64 ng/ml



#11 AR-1232-1

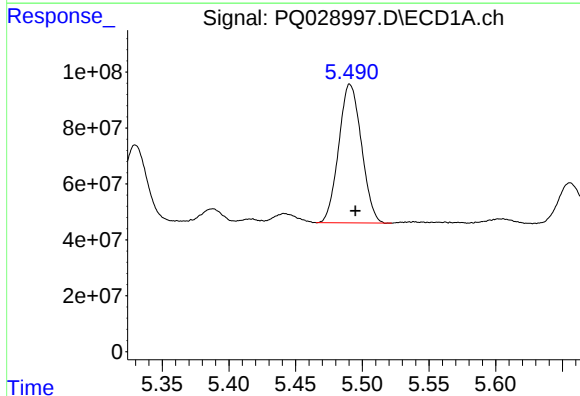
R.T.: 4.967 min
Delta R.T.: -0.004 min
Response: 413853080
Conc: 244.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



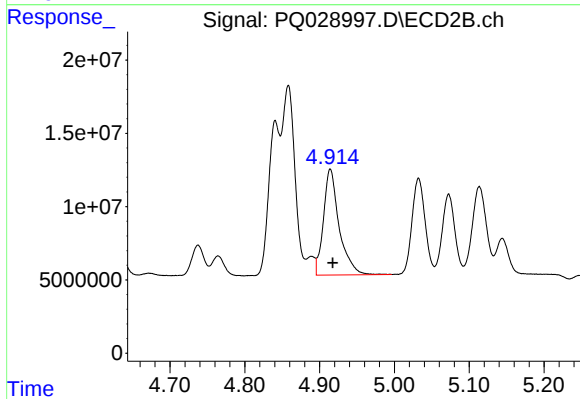
#11 AR-1232-1

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 60462441
Conc: 287.76 ng/ml



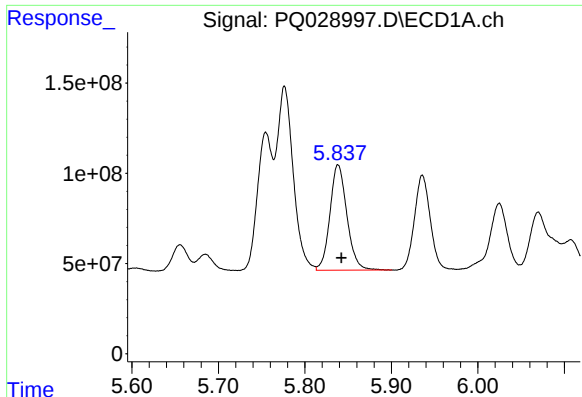
#12 AR-1232-2

R.T.: 5.491 min
Delta R.T.: -0.004 min
Response: 587574721
Conc: 561.13 ng/ml



#12 AR-1232-2

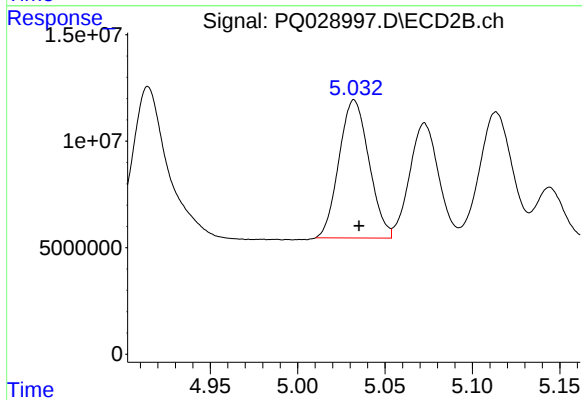
R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 105587013
Conc: 569.17 ng/ml



#13 AR-1232-3

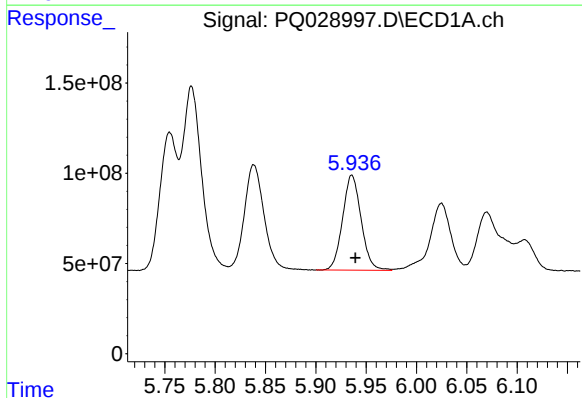
R.T.: 5.838 min
Delta R.T.: -0.004 min
Response: 797250905
Conc: 537.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



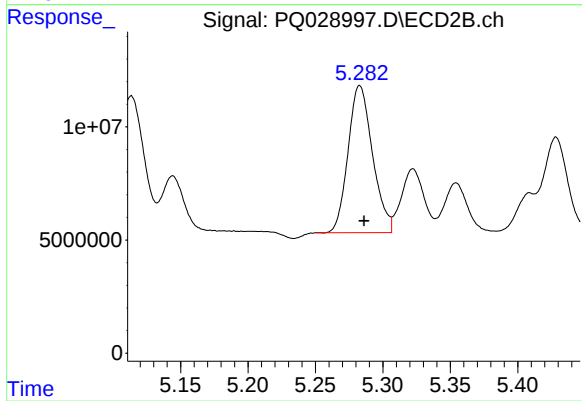
#13 AR-1232-3

R.T.: 5.032 min
Delta R.T.: -0.003 min
Response: 77333655
Conc: 557.69 ng/ml



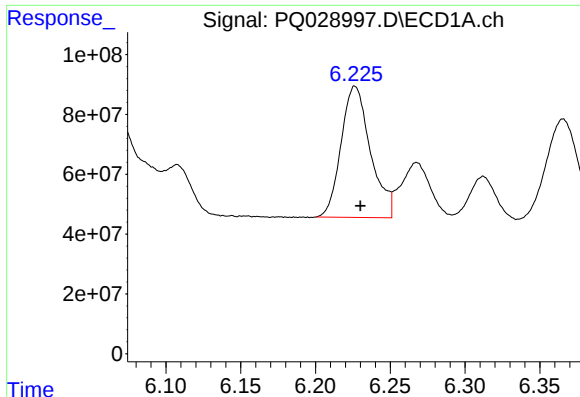
#14 AR-1232-4

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 673249426
Conc: 543.89 ng/ml



#14 AR-1232-4

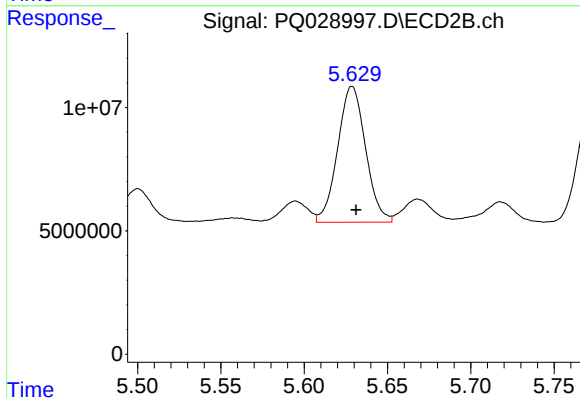
R.T.: 5.283 min
Delta R.T.: -0.003 min
Response: 82219073
Conc: 559.77 ng/ml



#15 AR-1232-5

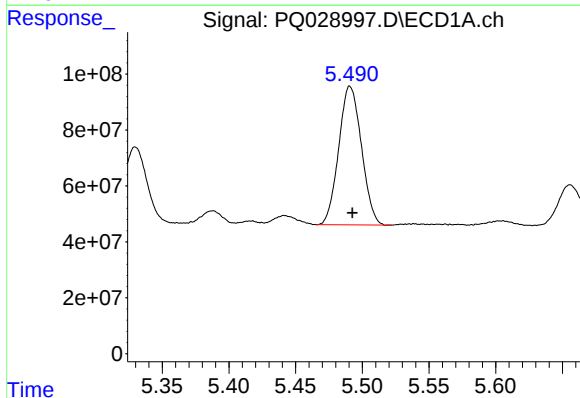
R.T.: 6.226 min
Delta R.T.: -0.004 min
Response: 599510088
Conc: 574.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



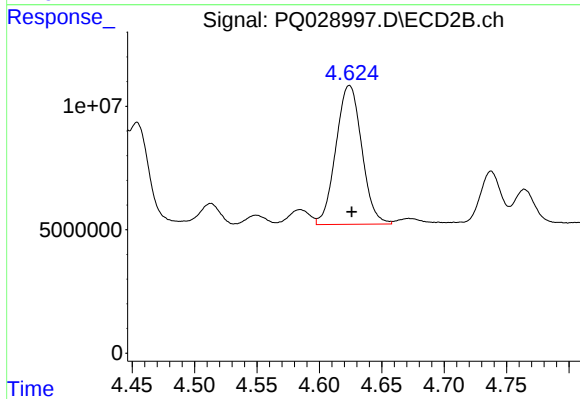
#15 AR-1232-5

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 64189369
Conc: 393.12 ng/ml



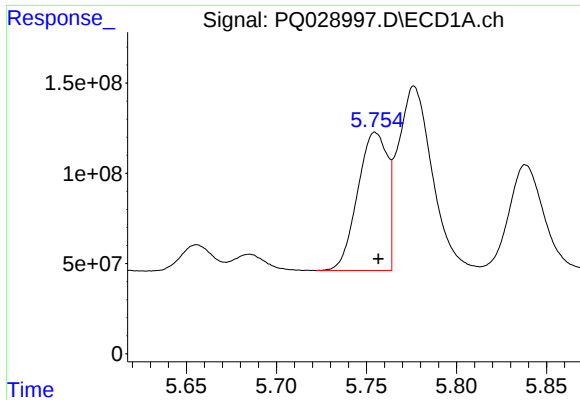
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.002 min
Response: 587574721
Conc: 382.64 ng/ml



#16 AR-1242-1

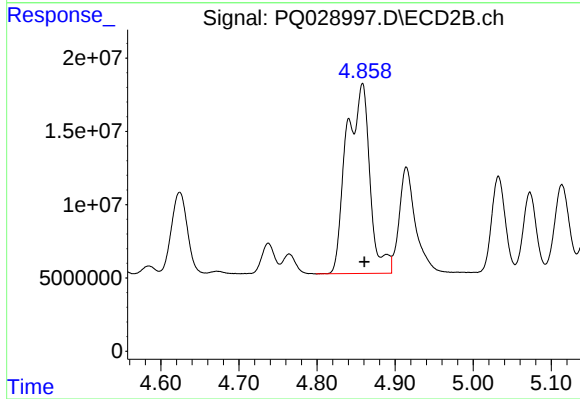
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 81131417
Conc: 417.38 ng/ml



#17 AR-1242-2

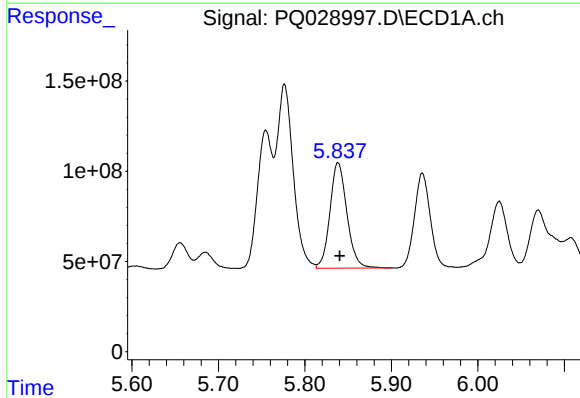
R.T.: 5.755 min
Delta R.T.: -0.002 min
Response: 883050596
Conc: 372.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



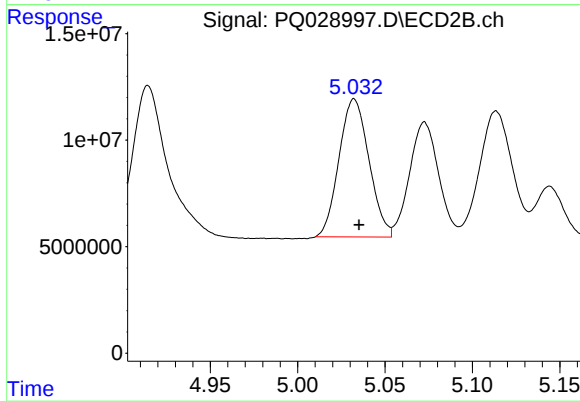
#17 AR-1242-2

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 269426769
Conc: 592.09 ng/ml



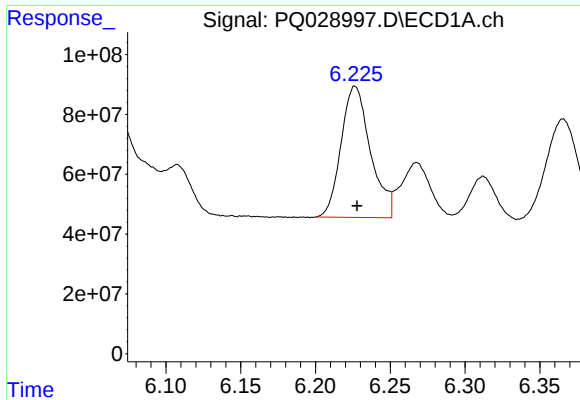
#18 AR-1242-3

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 797250905
Conc: 371.31 ng/ml



#18 AR-1242-3

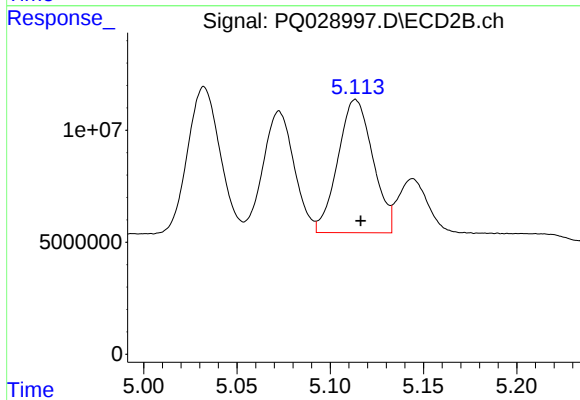
R.T.: 5.032 min
Delta R.T.: -0.003 min
Response: 77333655
Conc: 372.41 ng/ml



#19 AR-1242-4

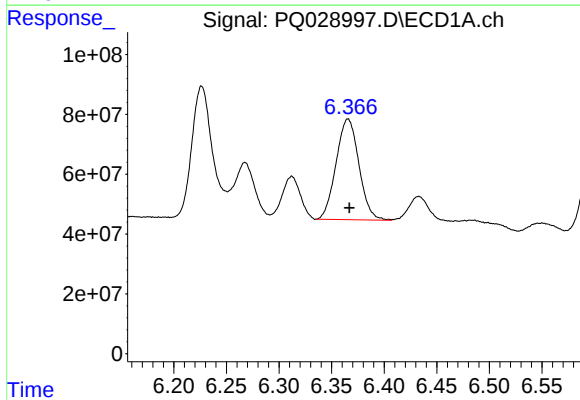
R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 599510088
Conc: 338.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



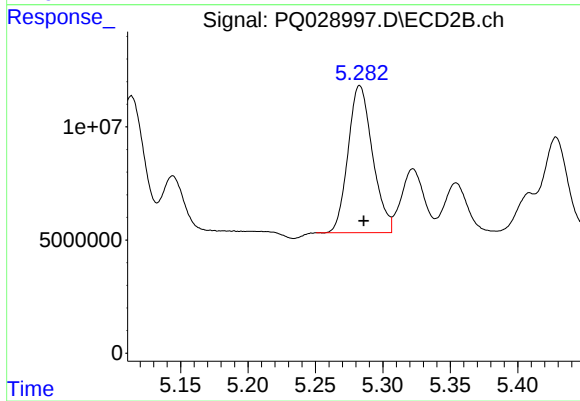
#19 AR-1242-4

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 77567490
Conc: 384.03 ng/ml



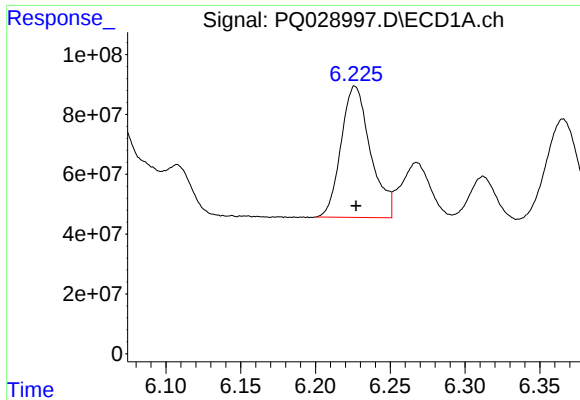
#20 AR-1242-5

R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 508087533
Conc: 261.67 ng/ml



#20 AR-1242-5

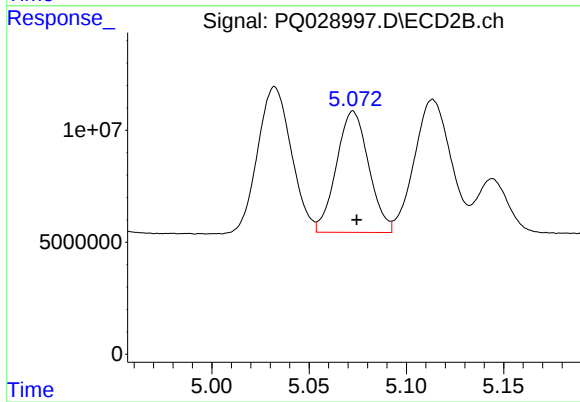
R.T.: 5.283 min
Delta R.T.: -0.003 min
Response: 82219073
Conc: 363.19 ng/ml



#21 AR-1248-1

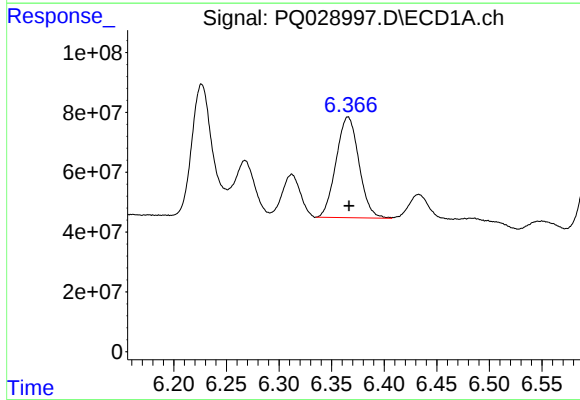
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 599510088
Conc: 189.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



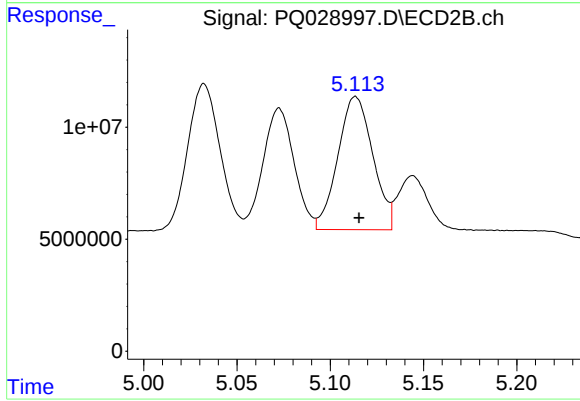
#21 AR-1248-1

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 62635961
Conc: 212.17 ng/ml



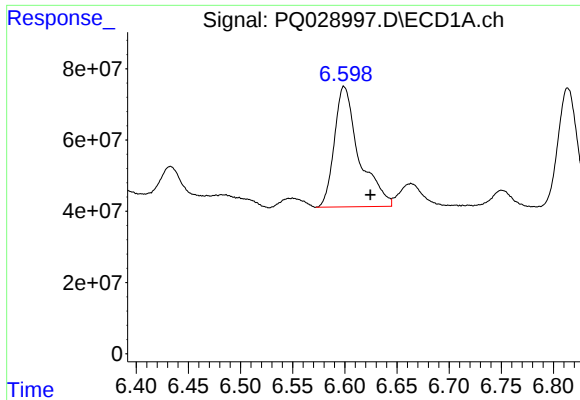
#22 AR-1248-2

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 508087533
Conc: 182.27 ng/ml



#22 AR-1248-2

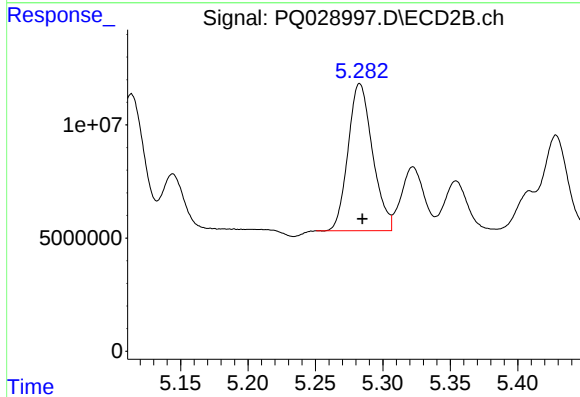
R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 77567490
Conc: 251.94 ng/ml



#23 AR-1248-3

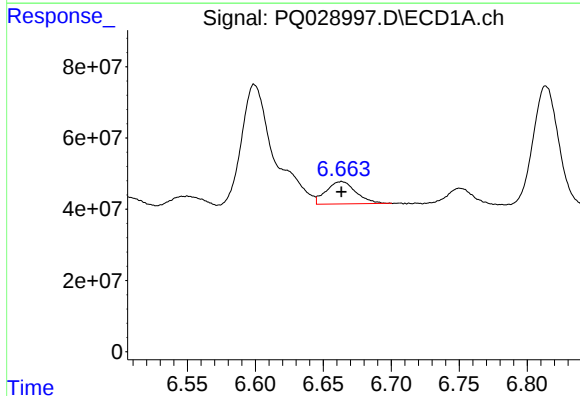
R.T.: 6.599 min
Delta R.T.: -0.025 min
Response: 556443311
Conc: 138.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



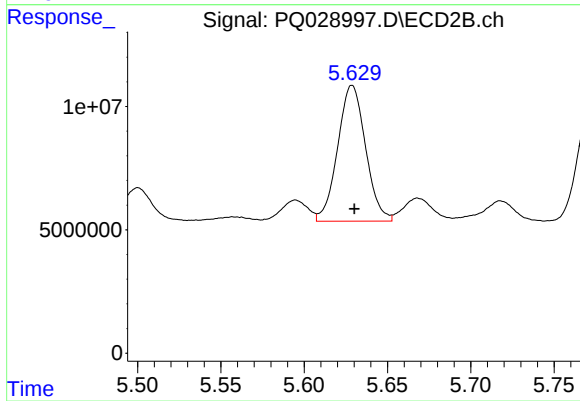
#23 AR-1248-3

R.T.: 5.283 min
Delta R.T.: -0.002 min
Response: 82219073
Conc: 210.63 ng/ml



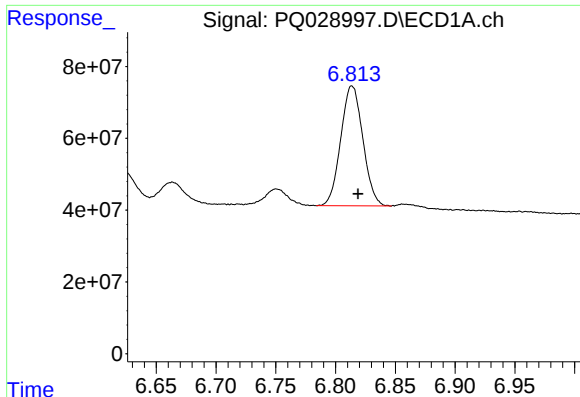
#24 AR-1248-4

R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 95749327
Conc: 26.11 ng/ml



#24 AR-1248-4

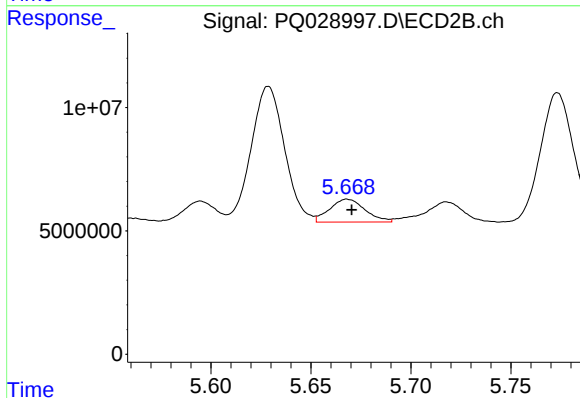
R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 64189369
Conc: 114.31 ng/ml



#25 AR-1248-5

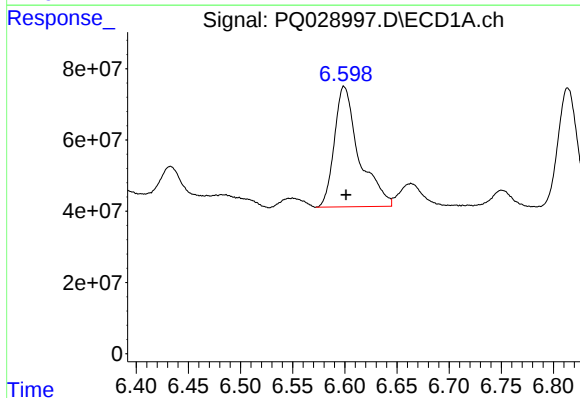
R.T.: 6.814 min
Delta R.T.: -0.005 min
Response: 429824067
Conc: 117.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



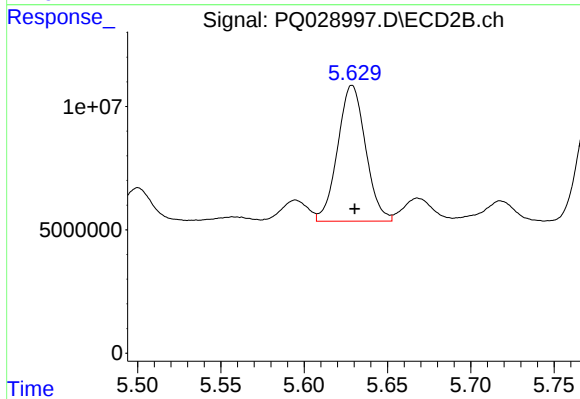
#25 AR-1248-5

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 11490635
Conc: 27.83 ng/ml



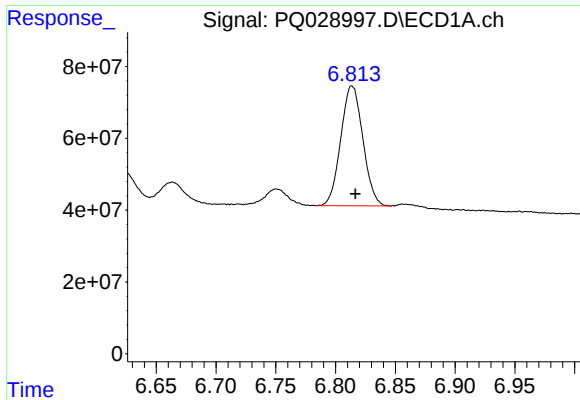
#26 AR-1254-1

R.T.: 6.599 min
Delta R.T.: -0.002 min
Response: 556443311
Conc: 160.79 ng/ml



#26 AR-1254-1

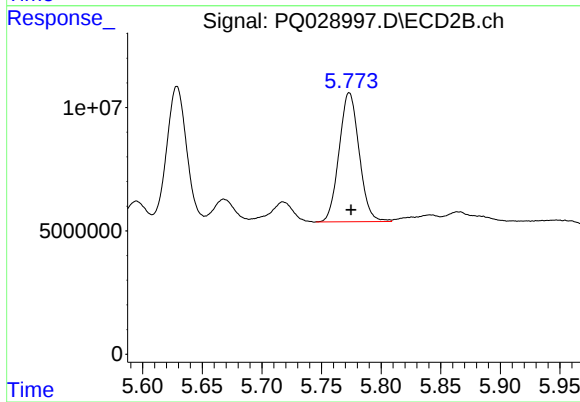
R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 64189369
Conc: 119.69 ng/ml



#27 AR-1254-2

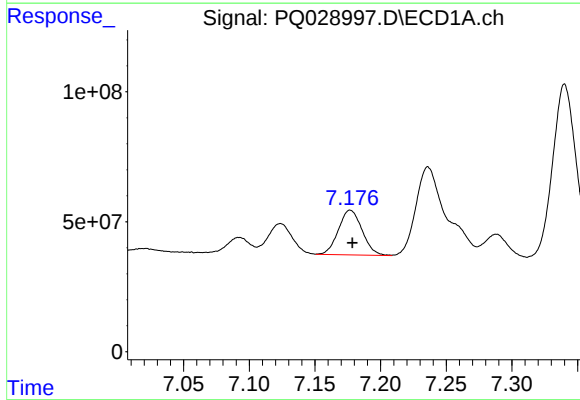
R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 429824067
Conc: 80.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



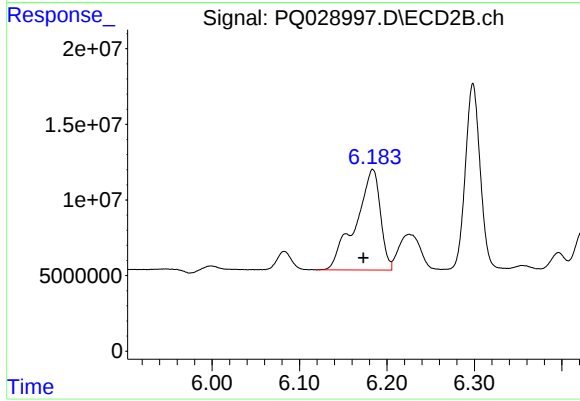
#27 AR-1254-2

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 61132967
Conc: 133.32 ng/ml



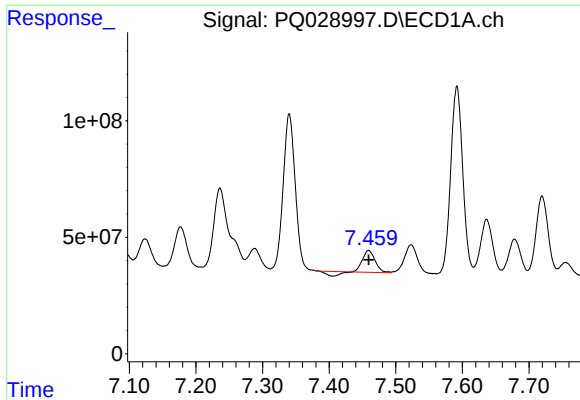
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 216710661
Conc: 36.41 ng/ml



#28 AR-1254-3

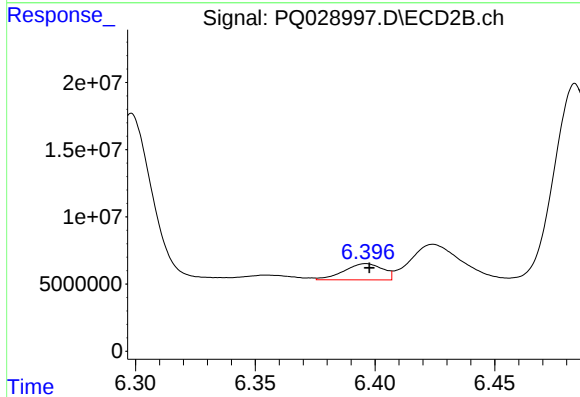
R.T.: 6.184 min
Delta R.T.: 0.010 min
Response: 130963602
Conc: 165.28 ng/ml



#29 AR-1254-4

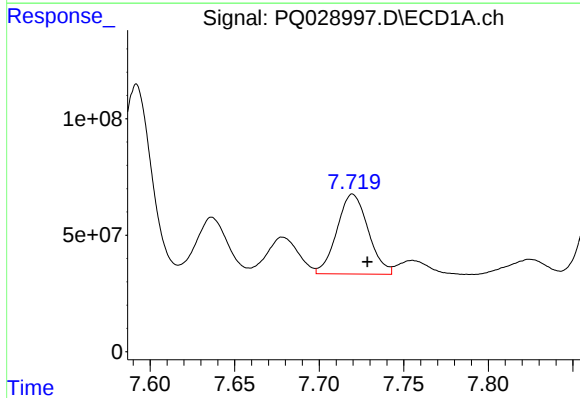
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 99331011
Conc: 21.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



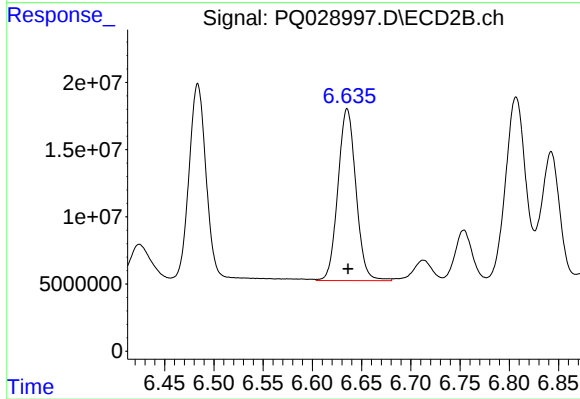
#29 AR-1254-4

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 13499720
Conc: 24.78 ng/ml



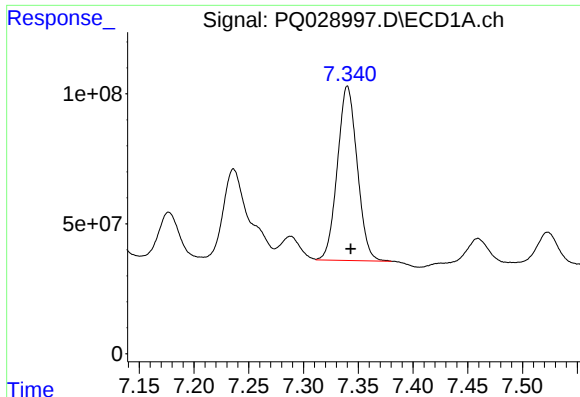
#30 AR-1254-5

R.T.: 7.720 min
Delta R.T.: -0.009 min
Response: 439960865
Conc: 136.13 ng/ml



#30 AR-1254-5

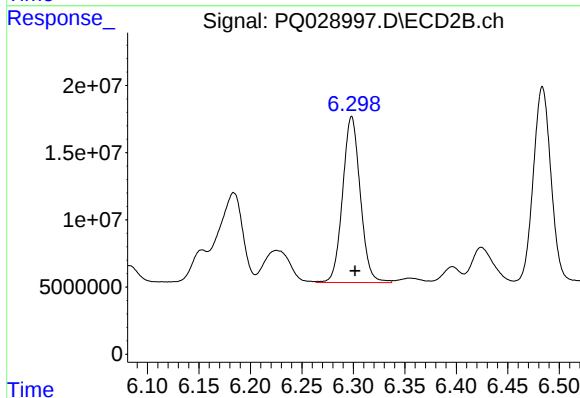
R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 162663162
Conc: 470.06 ng/ml



#31 AR-1260-1

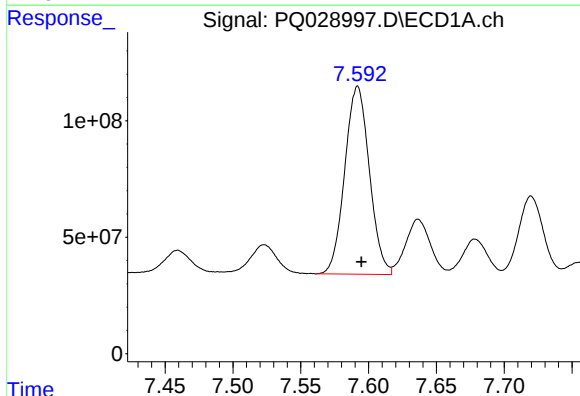
R.T.: 7.340 min
Delta R.T.: -0.003 min
Response: 842426662
Conc: 191.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



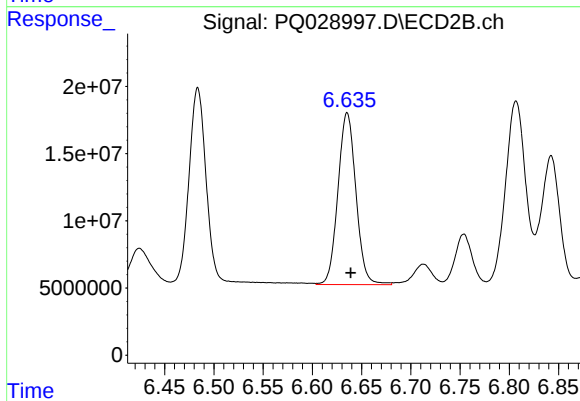
#31 AR-1260-1

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 147555767
Conc: 239.26 ng/ml



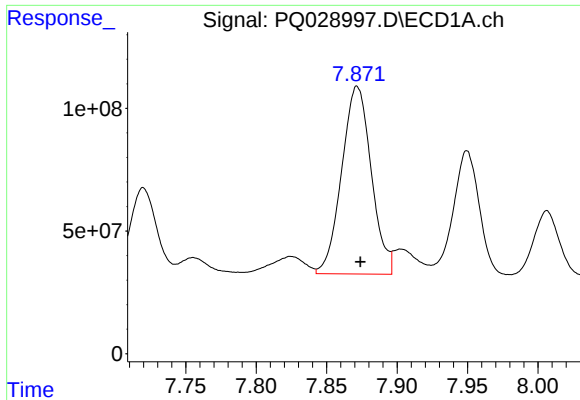
#32 AR-1260-2

R.T.: 7.592 min
Delta R.T.: -0.003 min
Response: 1019372010
Conc: 167.82 ng/ml



#32 AR-1260-2

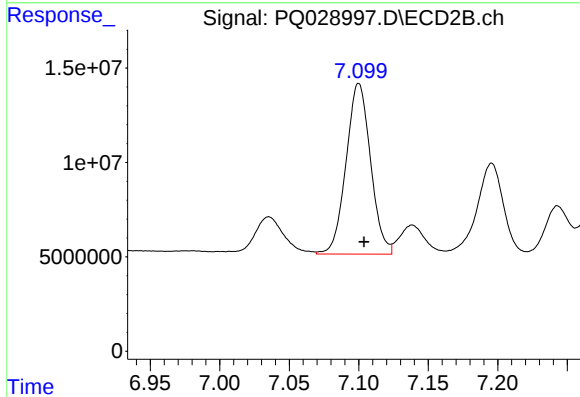
R.T.: 6.635 min
Delta R.T.: -0.004 min
Response: 162663162
Conc: 229.67 ng/ml



#33 AR-1260-3

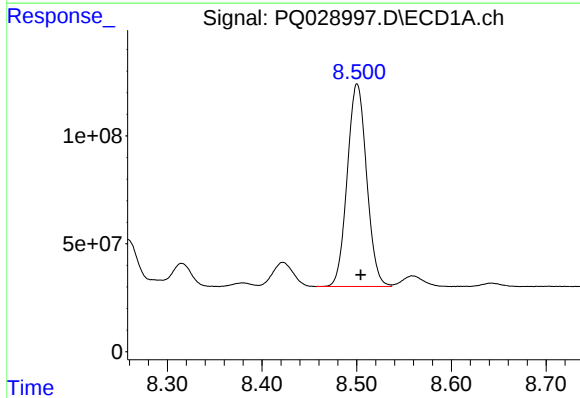
R.T.: 7.872 min
Delta R.T.: -0.002 min
Response: 1119208686
Conc: 179.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



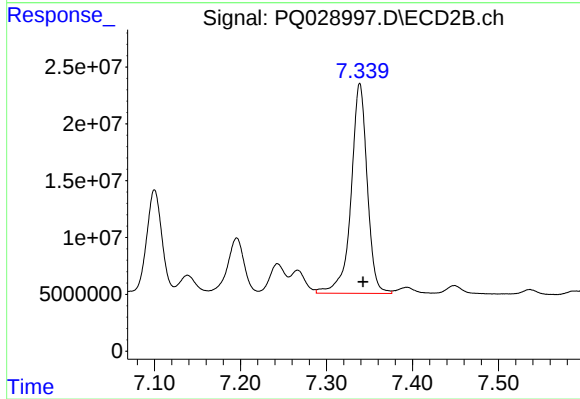
#33 AR-1260-3

R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 110984432
Conc: 187.23 ng/ml



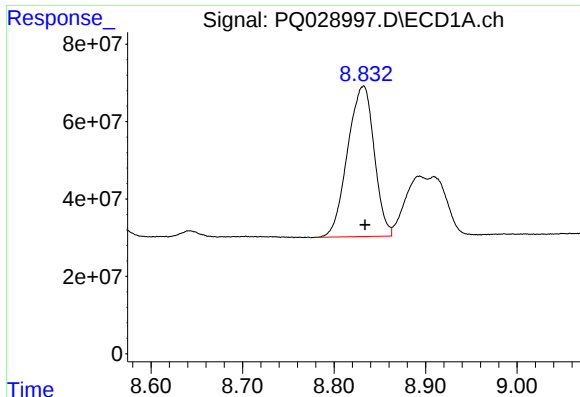
#34 AR-1260-4

R.T.: 8.500 min
Delta R.T.: -0.004 min
Response: 1336886052
Conc: 138.72 ng/ml



#34 AR-1260-4

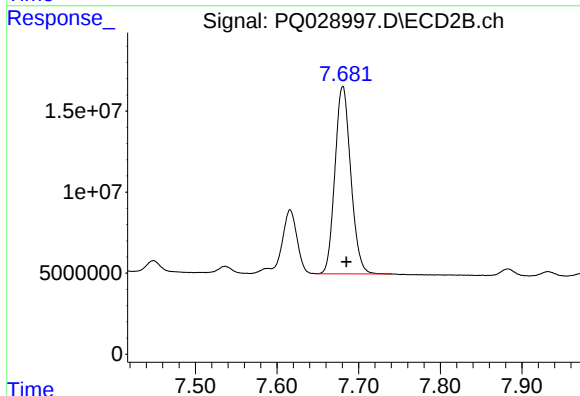
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 241336632
Conc: 165.01 ng/ml



#35 AR-1260-5

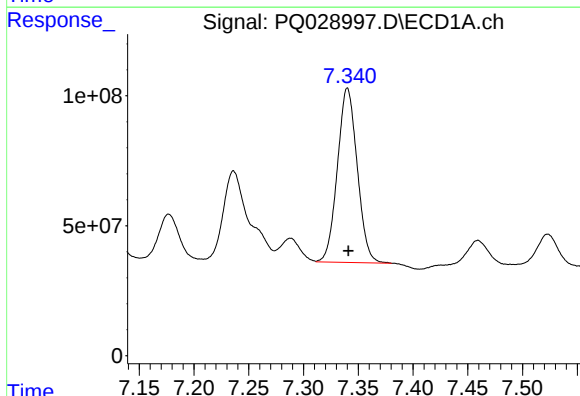
R.T.: 8.832 min
Delta R.T.: -0.002 min
Response: 784739670
Conc: 144.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



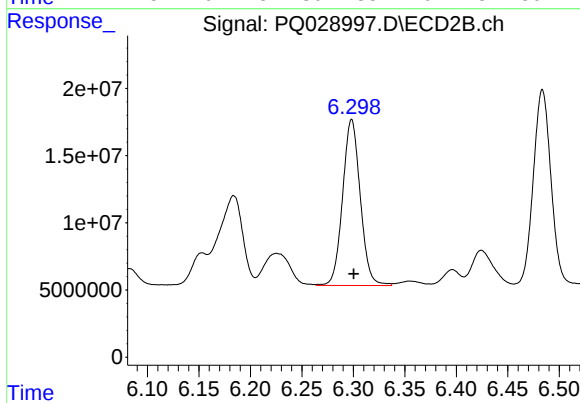
#35 AR-1260-5

R.T.: 7.681 min
Delta R.T.: -0.004 min
Response: 155914153
Conc: 148.41 ng/ml



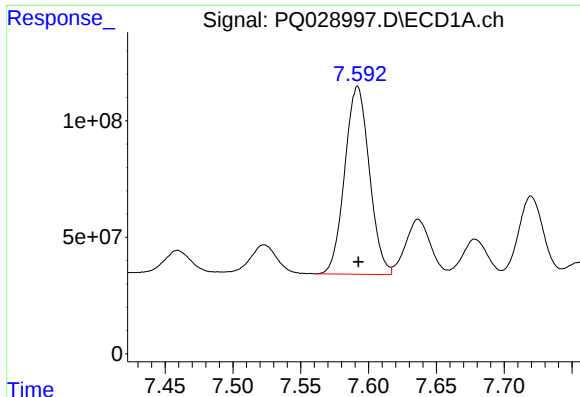
#36 AR-1262-1

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 842426662
Conc: 224.32 ng/ml



#36 AR-1262-1

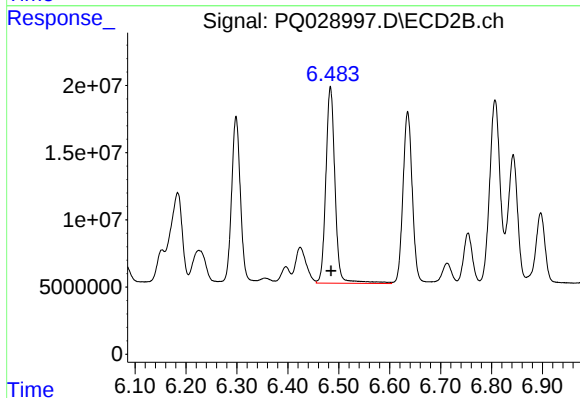
R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 147555767
Conc: 294.68 ng/ml



#37 AR-1262-2

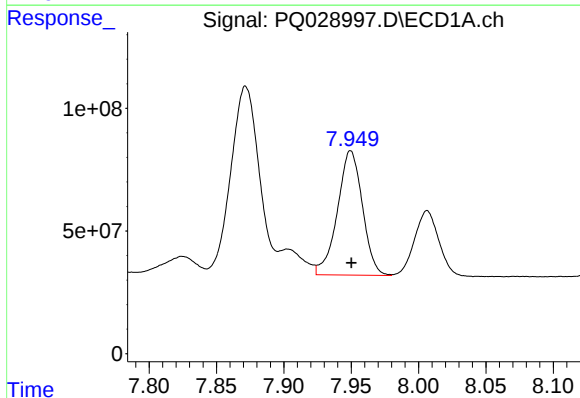
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 1019372010
Conc: 194.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



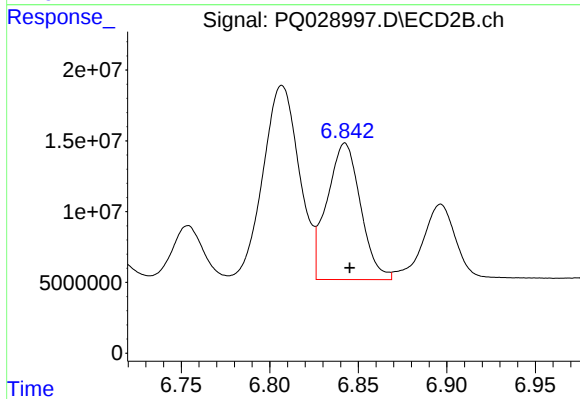
#37 AR-1262-2

R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 182662018
Conc: 286.28 ng/ml



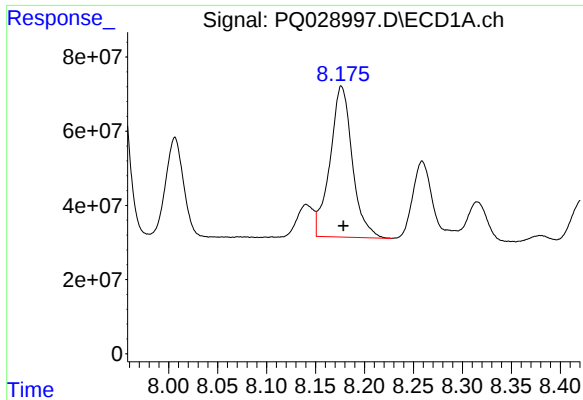
#38 AR-1262-3

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 654480429
Conc: 82.25 ng/ml



#38 AR-1262-3

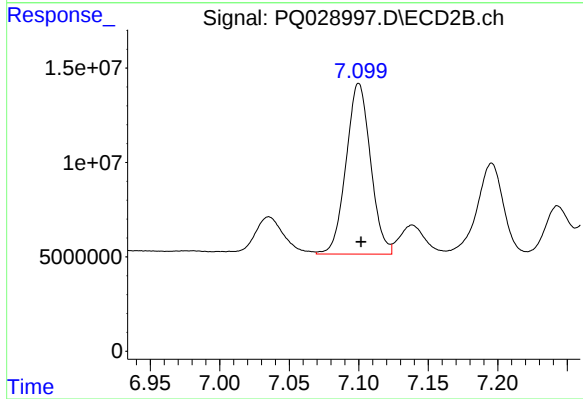
R.T.: 6.842 min
Delta R.T.: -0.003 min
Response: 126650389
Conc: 139.74 ng/ml



#39 AR-1262-4

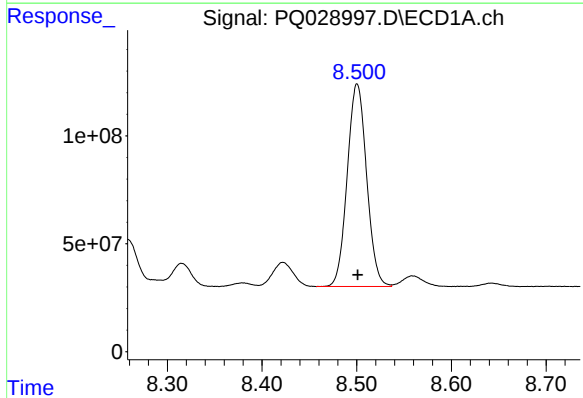
R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 644111957
Conc: 112.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



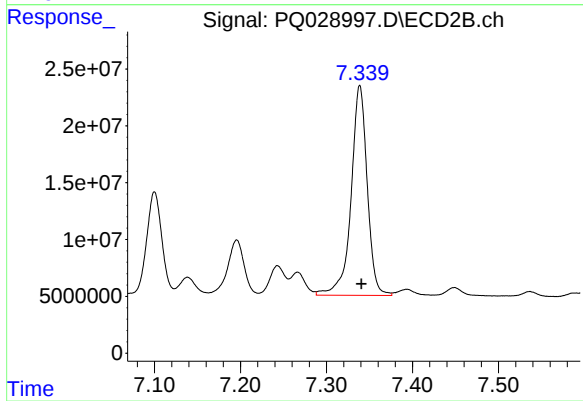
#39 AR-1262-4

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 110984432
Conc: 139.57 ng/ml



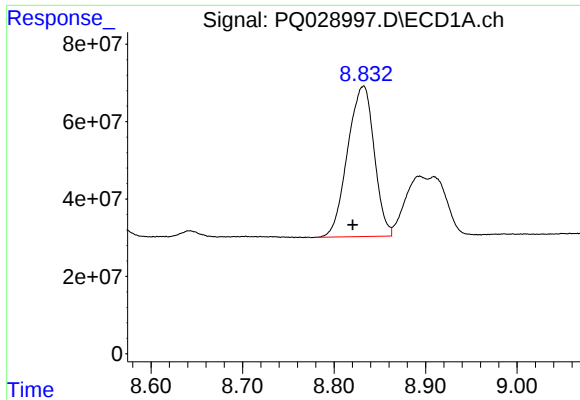
#40 AR-1262-5

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 1336886052
Conc: 101.76 ng/ml



#40 AR-1262-5

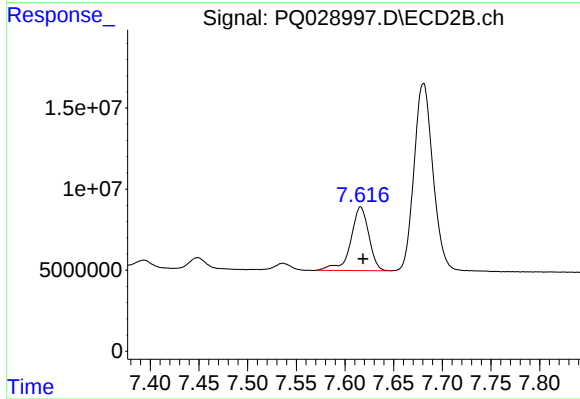
R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 241336632
Conc: 143.72 ng/ml



#41 AR-1268-1

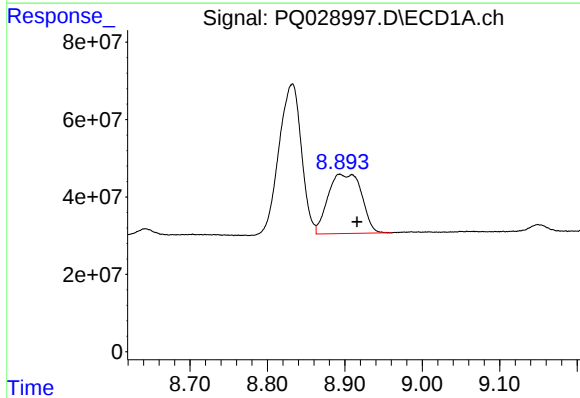
R.T.: 8.832 min
Delta R.T.: 0.012 min
Response: 784739670
Conc: 57.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



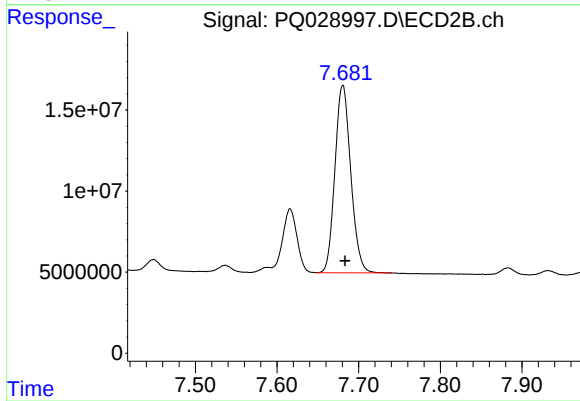
#41 AR-1268-1

R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 50669033
Conc: 27.92 ng/ml



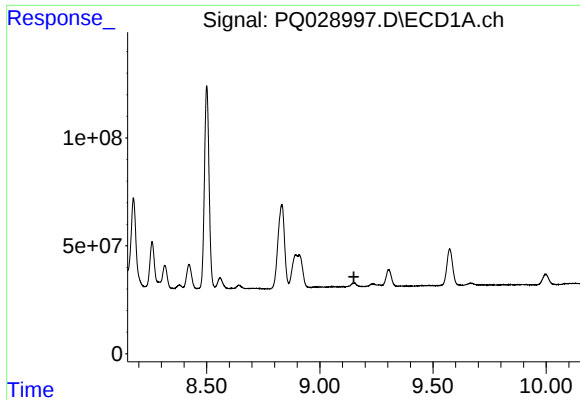
#42 AR-1268-2

R.T.: 8.894 min
Delta R.T.: -0.022 min
Response: 462878239
Conc: 39.44 ng/ml



#42 AR-1268-2

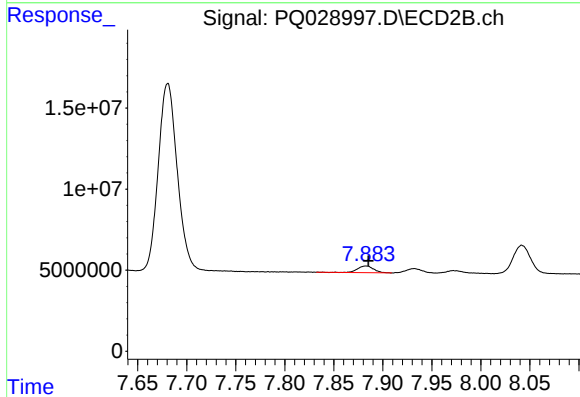
R.T.: 7.681 min
Delta R.T.: -0.003 min
Response: 155914153
Conc: 87.96 ng/ml



#43 AR-1268-3

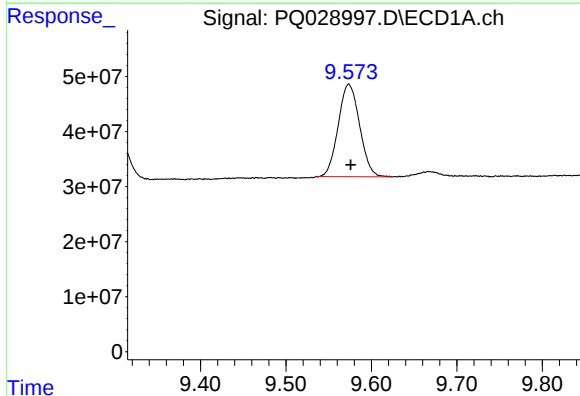
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



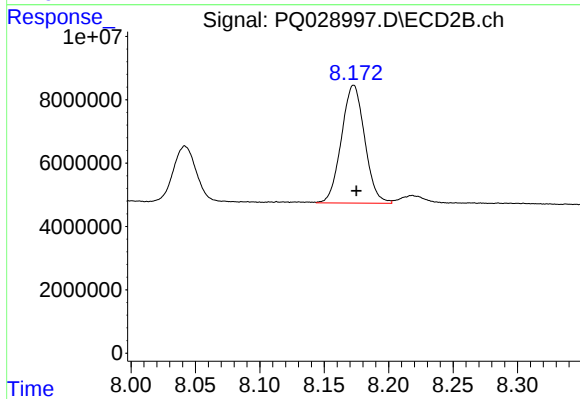
#43 AR-1268-3

R.T.: 7.883 min
Delta R.T.: -0.003 min
Response: 4776896
Conc: 3.47 ng/ml



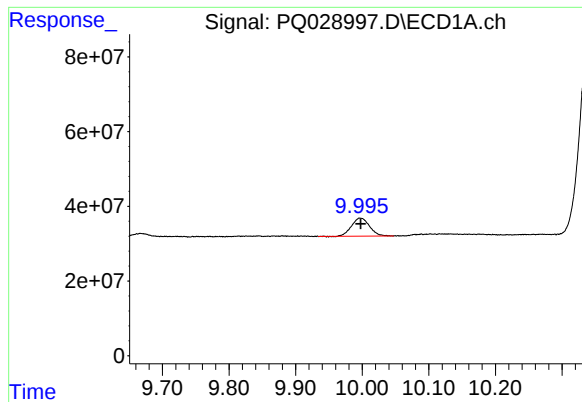
#44 AR-1268-4

R.T.: 9.574 min
Delta R.T.: -0.002 min
Response: 291909817
Conc: 78.30 ng/ml



#44 AR-1268-4

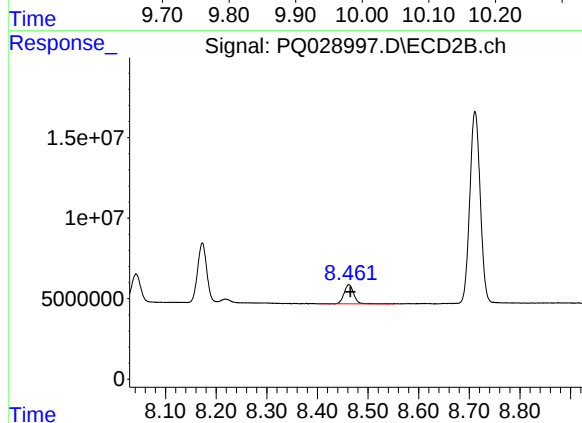
R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 46732509
Conc: 74.27 ng/ml



#45 AR-1268-5

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 90511536
Conc: 3.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.462 min
Delta R.T.: -0.003 min
Response: 15895879
Conc: 3.61 ng/ml