

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032422\
 Data File : PQ056789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 13:12
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 06:20:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 24 09:20:48 2022
 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...	4.535	3.748	443.0E6	255.0E6	24.874	23.764
2)	SA Decachlor...	10.309	8.686	610.1E6	443.0E6	41.784	42.939
Target Compounds							
3)	L1 AR-1016-1	5.715	4.816	5612039	464690	13.232	1.396 #
4)	L1 AR-1016-2	5.739	4.835	11606127	1492324	13.569	2.492 #
5)	L1 AR-1016-3	5.796	5.045f	4838638	104.6E6	8.728	389.106 #
6)	L1 AR-1016-4	5.898	5.045	4080743	104.6E6	9.551	459.411 #
7)	L1 AR-1016-5	6.182	5.255	93060209	62281122	235.580	216.967
9)	L2 AR-1221-2	4.848	4.046	6904361	3210797	56.238	40.557 #
10)	L2 AR-1221-3	4.922	0.000	1493244	0	3.575	N.D. #
11)	L3 AR-1232-1	4.922	0.000	1493244	0	4.255	N.D. #
12)	L3 AR-1232-2	5.440	4.835	4166179	1492324	16.578	6.336 #
13)	L3 AR-1232-3	5.739	5.045f	11606127	104.6E6	32.513	900.913 #
14)	L3 AR-1232-4	5.898	5.086	4080743	31470511	22.271	322.825 #
15)	L3 AR-1232-5	5.977	5.255	146.5E6	62281122	512.436	606.228
16)	L4 AR-1242-1	5.715	4.816	5612039	464690	14.413	1.631 #
17)	L4 AR-1242-2	5.739	4.835	11606127	1492324	15.131	2.951 #
18)	L4 AR-1242-3	5.796	5.045f	4838638	104.6E6	9.542	459.535 #
19)	L4 AR-1242-4	5.898	5.086	4080743	31470511	10.461	137.641 #
20)	L4 AR-1242-5	6.630	5.601	93249551	274.7E6	235.912	919.684 #
21)	L5 AR-1248-1	5.715	4.816	5612039	464690	19.110	2.082 #
22)	L5 AR-1248-2	5.977	5.045	146.5E6	104.6E6	272.975	313.771
23)	L5 AR-1248-3	6.182	5.086	93060209	31470511	148.028	89.820 #
24)	L5 AR-1248-4	6.591	5.255	130.8E6	62281122	199.903	149.087 #
25)	L5 AR-1248-5	6.630	5.645	93249551	30090214	134.249	67.135 #
26)	L6 AR-1254-1	6.557	5.601	257.1E6	274.7E6	399.351	411.897
27)	L6 AR-1254-2	6.775	5.746	397.1E6	229.3E6	398.056	417.656
28)	L6 AR-1254-3	7.146	6.145	442.5E6	383.1E6	399.528	412.223
29)	L6 AR-1254-4	7.434	6.372	292.3E6	273.4E6	398.980	404.281
30)	L6 AR-1254-5	7.849	6.782	330.6E6	334.8E6	390.897	409.776
31)	L7 AR-1260-1	7.302	6.272	163.0E6	173.4E6	254.329	317.375
32)	L7 AR-1260-2	7.560	6.457	172.6E6	139.2E6	234.225	209.224
33)	L7 AR-1260-3	7.849	6.607	330.6E6	147.1E6	354.530	237.660 #
34)	L7 AR-1260-4	8.145	7.074	128.6E6	14555542	186.255	27.528 #
35)	L7 AR-1260-5	8.477	7.312	56760526	34375788	40.888	26.262 #
36)	L8 AR-1262-1	7.911	6.782	47271384	334.8E6	47.154	790.546 #
37)	L8 AR-1262-2	8.477	7.312	56760526	34375788	30.922	21.528 #
38)	L8 AR-1262-3	8.817	7.656f	36732119	34844491	45.514	54.309
39)	L8 AR-1262-4	8.867	7.656	9518810	34844491	15.893	29.532 #
40)	L8 AR-1262-5	9.556	0.000	1601883	0	2.378	N.D. #
41)	L9 AR-1268-1	8.817	7.656f	36732119	34844491	16.918	18.885
42)	L9 AR-1268-2	8.867	7.656	9518810	34844491	4.529	20.715 #

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Integration File signal 1: autoint1.e
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 Quant Time: Mar 25 06:20:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 24 09:20:48 2022
 Response via : Initial Calibration
 Integrator: ChemStation

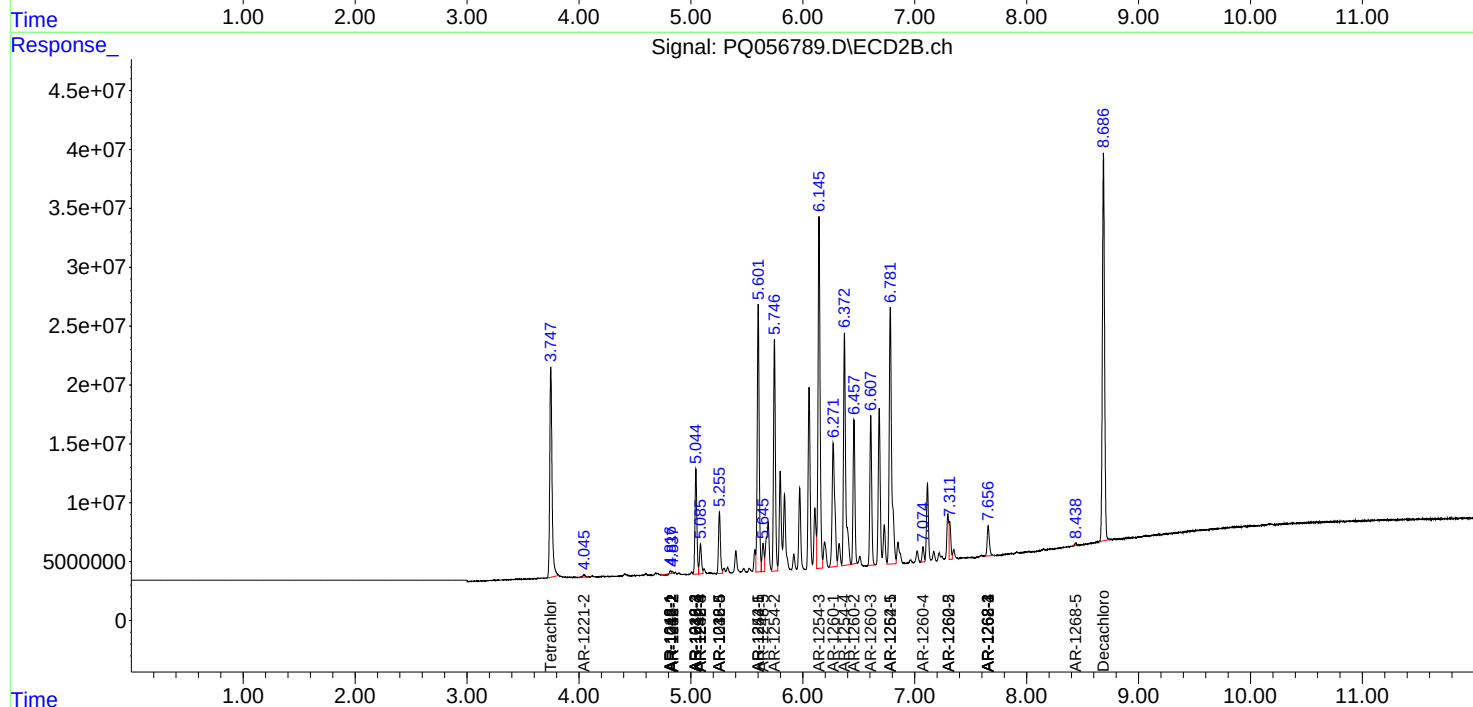
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

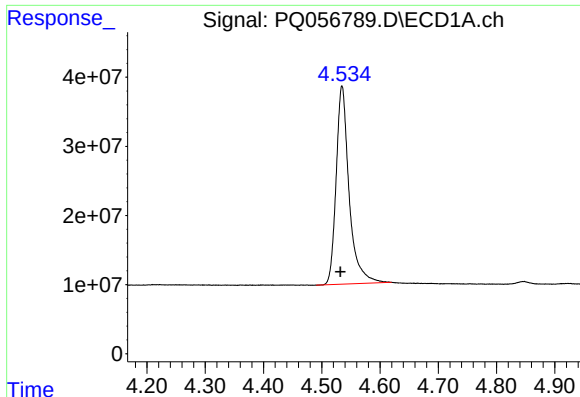
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.114	0.000	1163567	0	0.650	N.D. #
44) L9	AR-1268-4	9.556	0.000	1601883	0	2.227	N.D. #
45) L9	AR-1268-5	9.971	8.438	4559238	2408323	0.772	0.539 #

(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

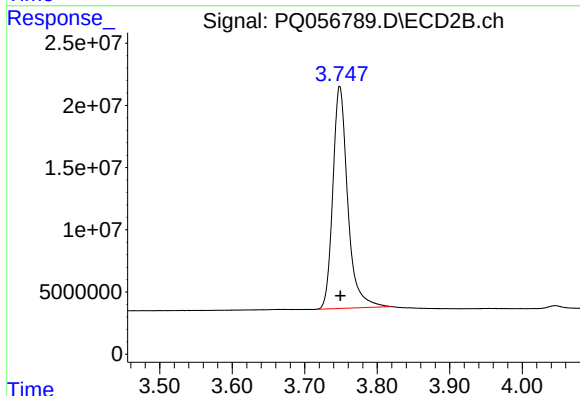




#1 Tetrachloro-m-xylene

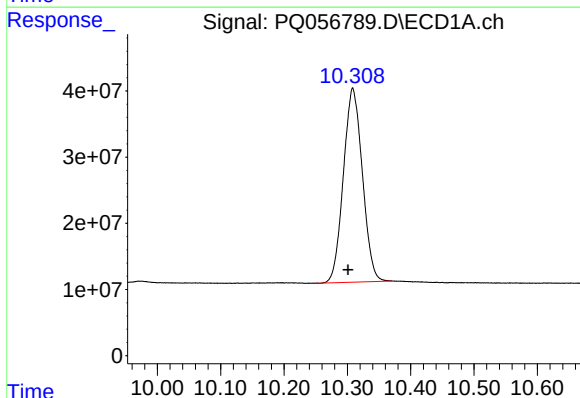
R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 443034732
Conc: 24.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



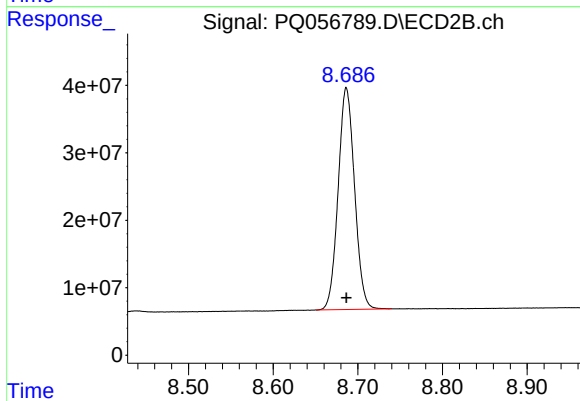
#1 Tetrachloro-m-xylene

R.T.: 3.748 min
Delta R.T.: 0.000 min
Response: 254952922
Conc: 23.76 ng/ml



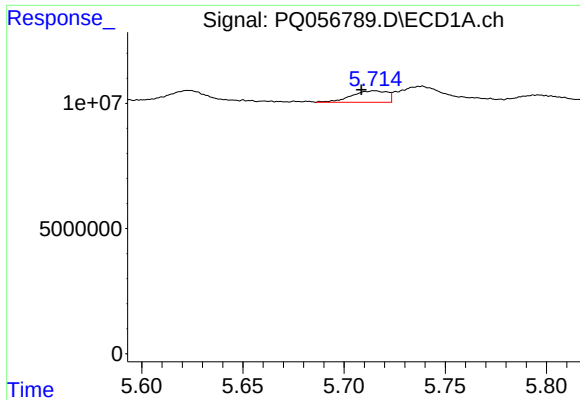
#2 Decachlorobiphenyl

R.T.: 10.309 min
Delta R.T.: 0.008 min
Response: 610105002
Conc: 41.78 ng/ml



#2 Decachlorobiphenyl

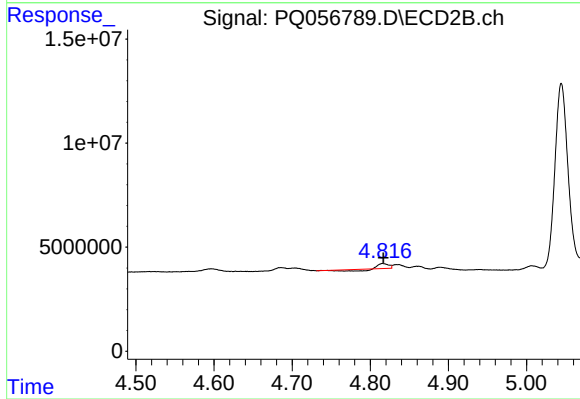
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 442985908
Conc: 42.94 ng/ml



#3 AR-1016-1

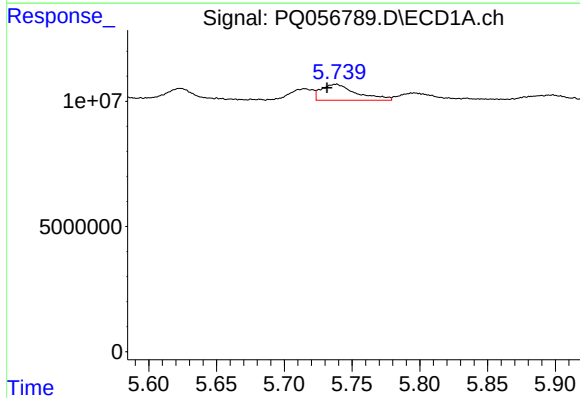
R.T.: 5.715 min
Delta R.T.: 0.006 min
Response: 5612039
Conc: 13.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



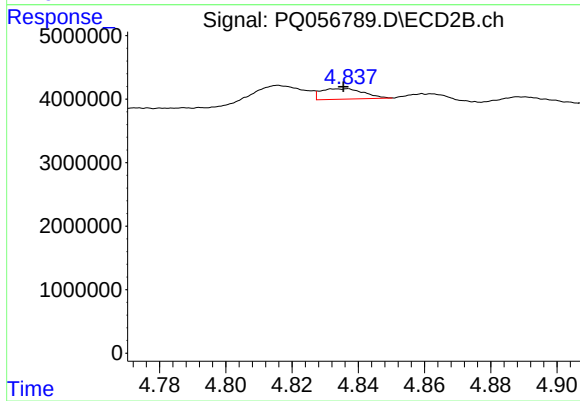
#3 AR-1016-1

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 464690
Conc: 1.40 ng/ml



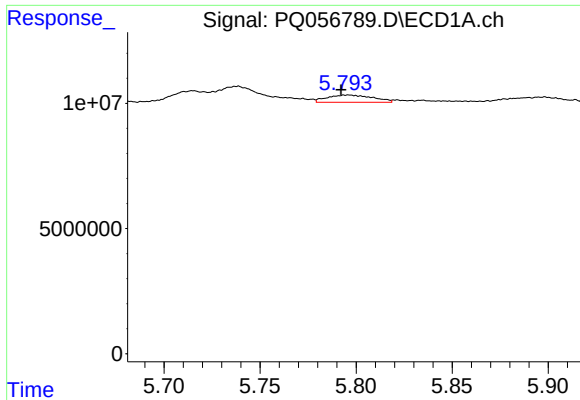
#4 AR-1016-2

R.T.: 5.739 min
Delta R.T.: 0.007 min
Response: 11606127
Conc: 13.57 ng/ml



#4 AR-1016-2

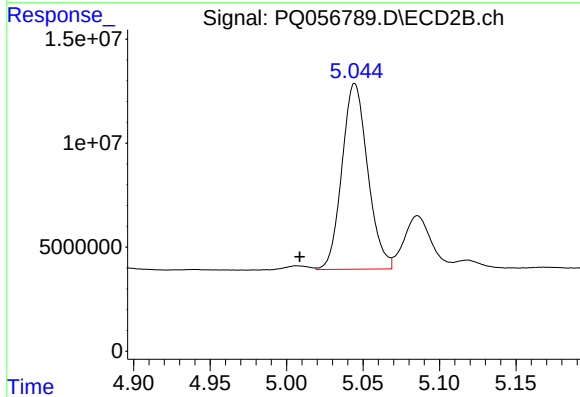
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 1492324
Conc: 2.49 ng/ml



#5 AR-1016-3

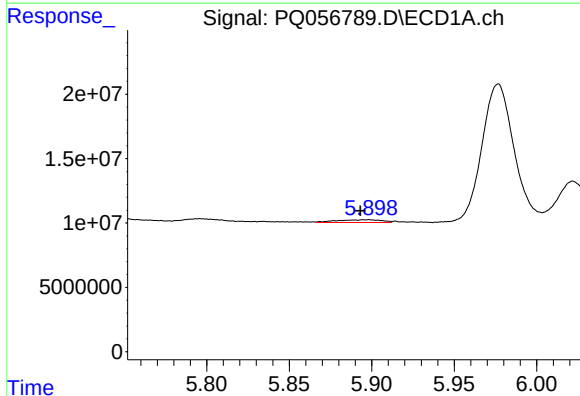
R.T.: 5.796 min
Delta R.T.: 0.004 min
Response: 4838638
Conc: 8.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



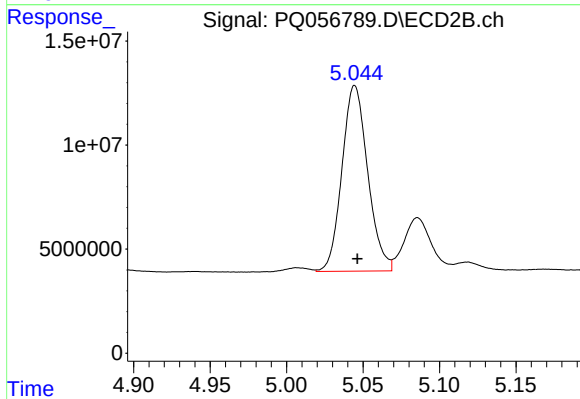
#5 AR-1016-3

R.T.: 5.045 min
Delta R.T.: 0.036 min
Response: 104606456
Conc: 389.11 ng/ml



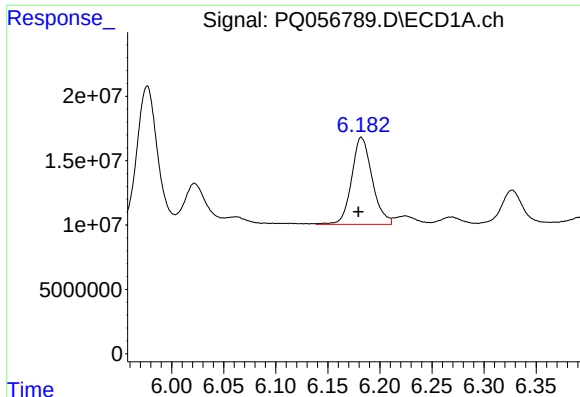
#6 AR-1016-4

R.T.: 5.898 min
Delta R.T.: 0.005 min
Response: 4080743
Conc: 9.55 ng/ml



#6 AR-1016-4

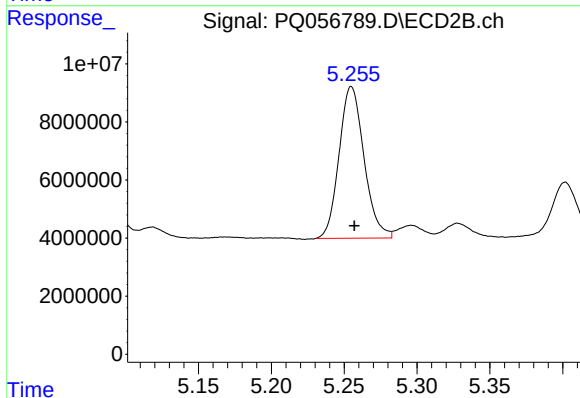
R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 104606456
Conc: 459.41 ng/ml



#7 AR-1016-5

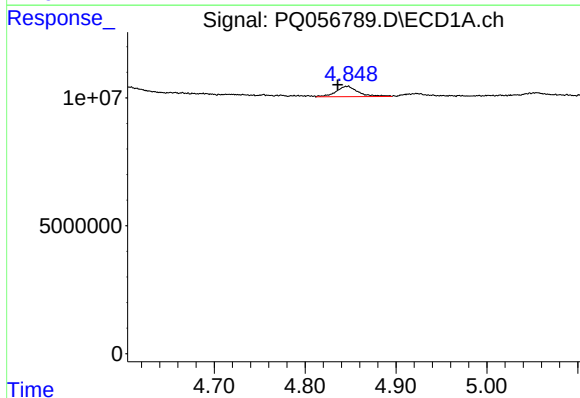
R.T.: 6.182 min
Delta R.T.: 0.003 min
Response: 93060209
Conc: 235.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



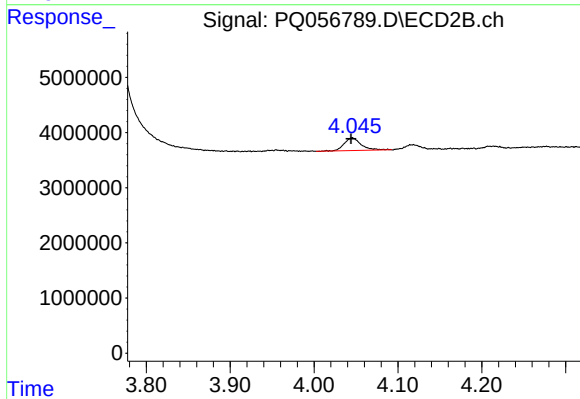
#7 AR-1016-5

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 62281122
Conc: 216.97 ng/ml



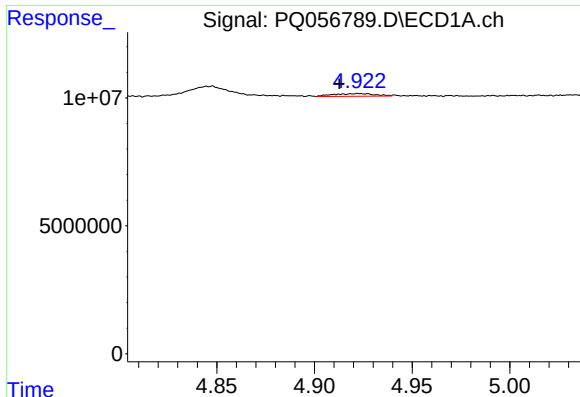
#9 AR-1221-2

R.T.: 4.848 min
Delta R.T.: 0.012 min
Response: 6904361
Conc: 56.24 ng/ml



#9 AR-1221-2

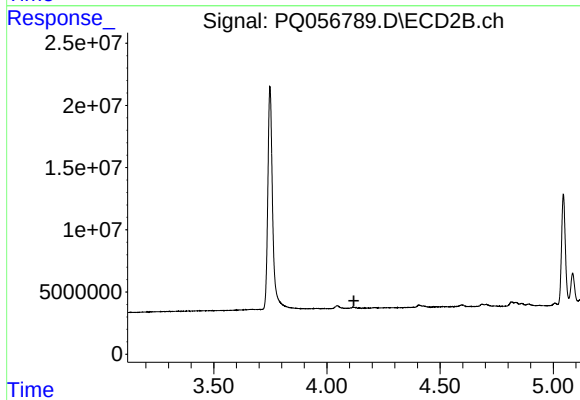
R.T.: 4.046 min
Delta R.T.: 0.001 min
Response: 3210797
Conc: 40.56 ng/ml



#10 AR-1221-3

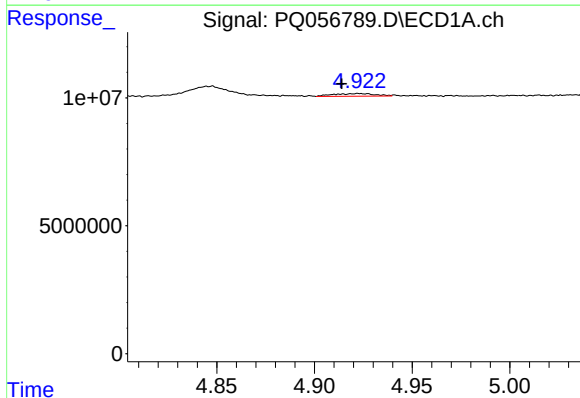
R.T.: 4.922 min
Delta R.T.: 0.010 min
Response: 1493244
Conc: 3.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



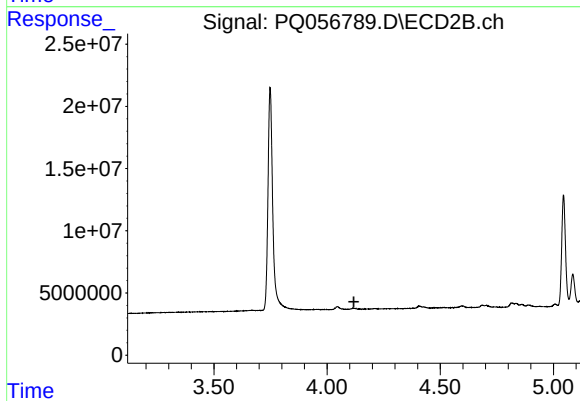
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



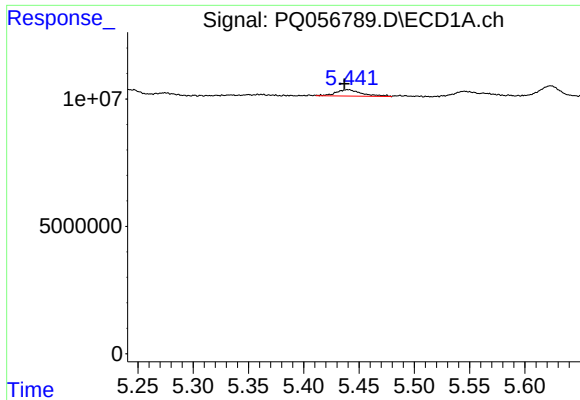
#11 AR-1232-1

R.T.: 4.922 min
Delta R.T.: 0.008 min
Response: 1493244
Conc: 4.26 ng/ml



#11 AR-1232-1

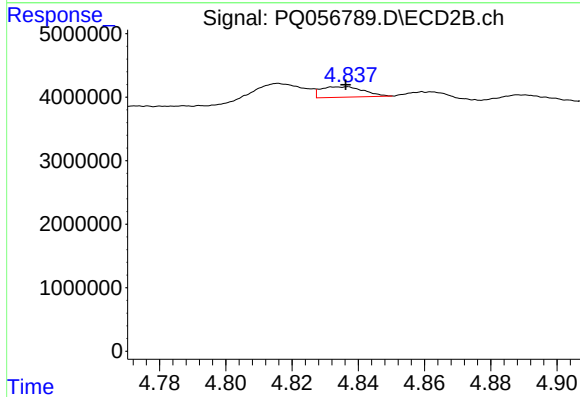
R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



#12 AR-1232-2

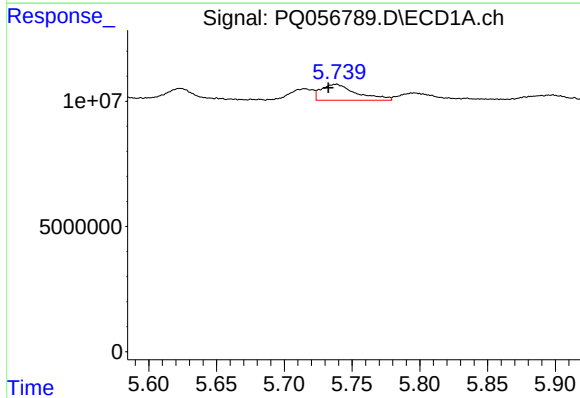
R.T.: 5.440 min
Delta R.T.: 0.003 min
Response: 4166179
Conc: 16.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



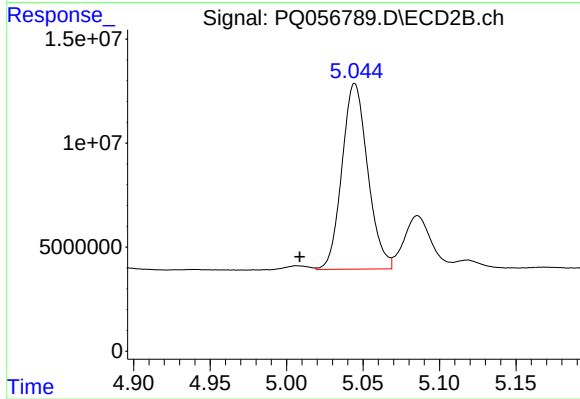
#12 AR-1232-2

R.T.: 4.835 min
Delta R.T.: -0.001 min
Response: 1492324
Conc: 6.34 ng/ml



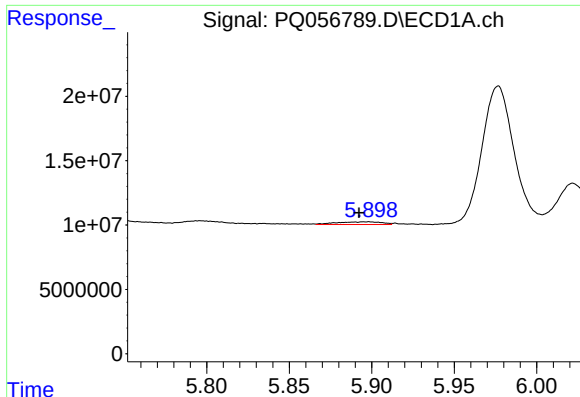
#13 AR-1232-3

R.T.: 5.739 min
Delta R.T.: 0.006 min
Response: 11606127
Conc: 32.51 ng/ml



#13 AR-1232-3

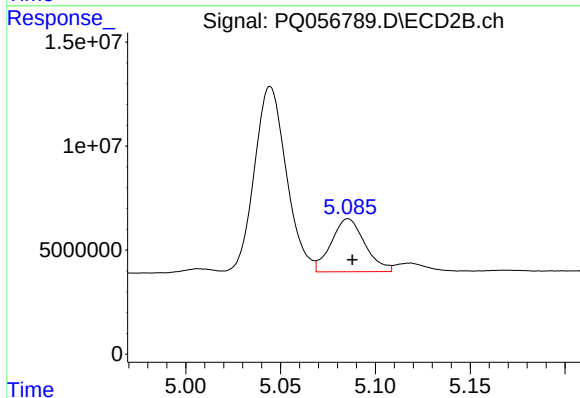
R.T.: 5.045 min
Delta R.T.: 0.036 min
Response: 104606456
Conc: 900.91 ng/ml



#14 AR-1232-4

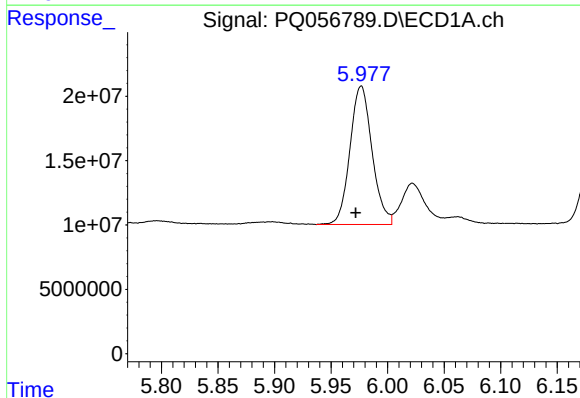
R.T.: 5.898 min
Delta R.T.: 0.006 min
Response: 4080743
Conc: 22.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



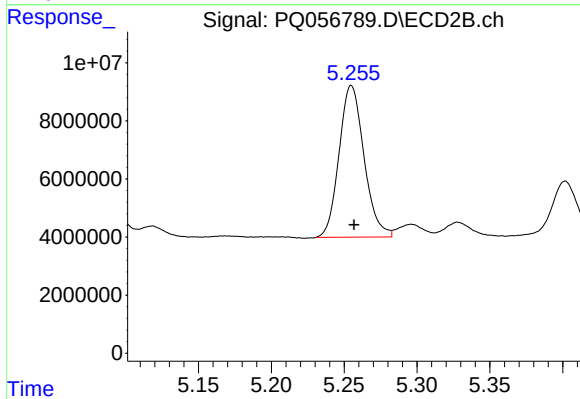
#14 AR-1232-4

R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 31470511
Conc: 322.82 ng/ml



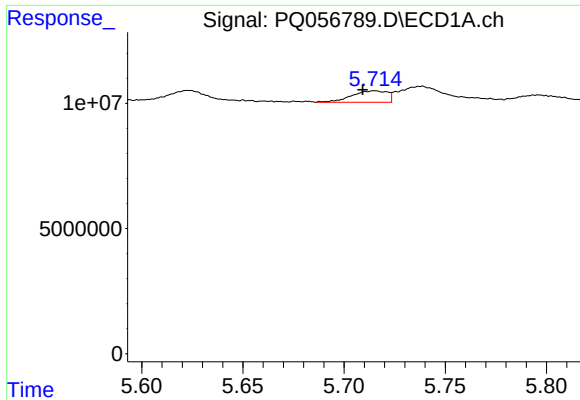
#15 AR-1232-5

R.T.: 5.977 min
Delta R.T.: 0.005 min
Response: 146522736
Conc: 512.44 ng/ml



#15 AR-1232-5

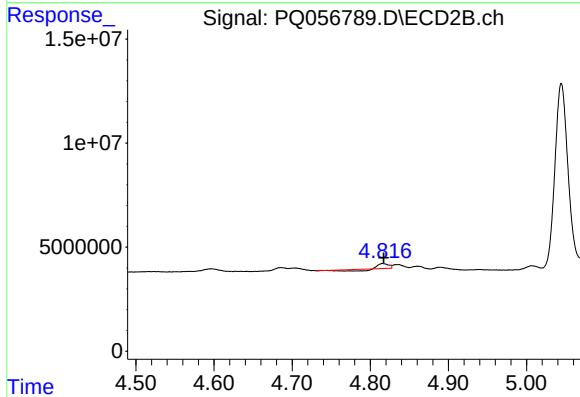
R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 62281122
Conc: 606.23 ng/ml



#16 AR-1242-1

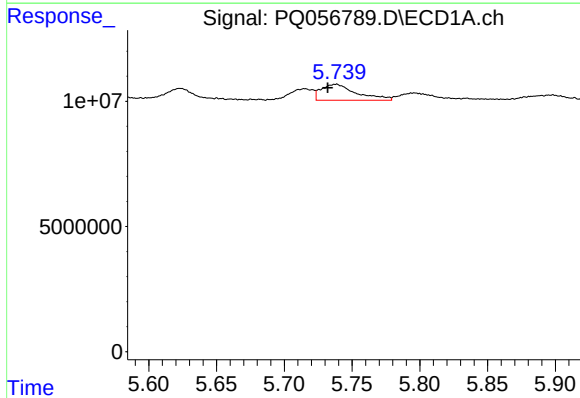
R.T.: 5.715 min
Delta R.T.: 0.006 min
Response: 5612039
Conc: 14.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



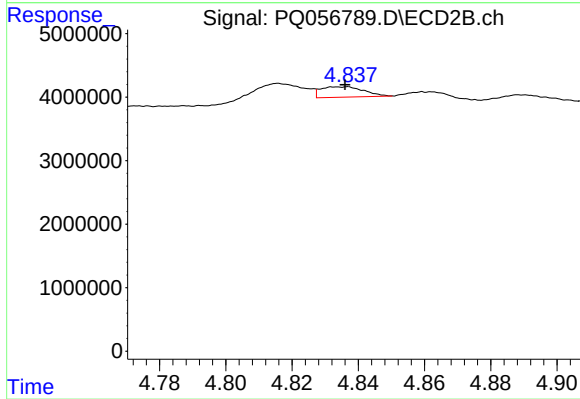
#16 AR-1242-1

R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 464690
Conc: 1.63 ng/ml



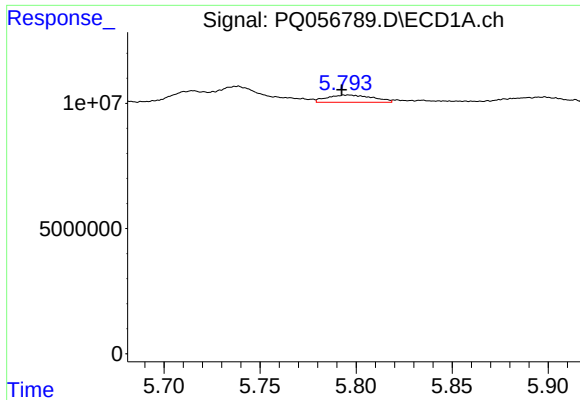
#17 AR-1242-2

R.T.: 5.739 min
Delta R.T.: 0.007 min
Response: 11606127
Conc: 15.13 ng/ml



#17 AR-1242-2

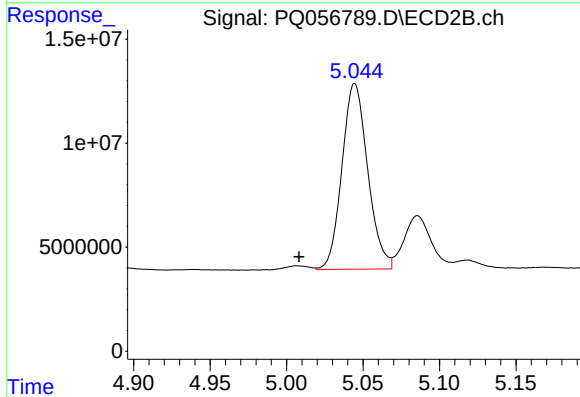
R.T.: 4.835 min
Delta R.T.: -0.001 min
Response: 1492324
Conc: 2.95 ng/ml



#18 AR-1242-3

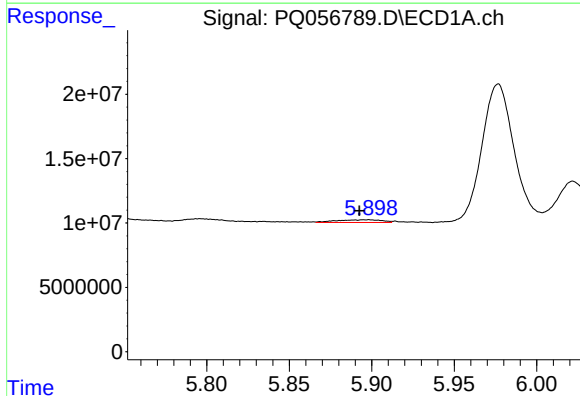
R.T.: 5.796 min
Delta R.T.: 0.004 min
Response: 4838638
Conc: 9.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



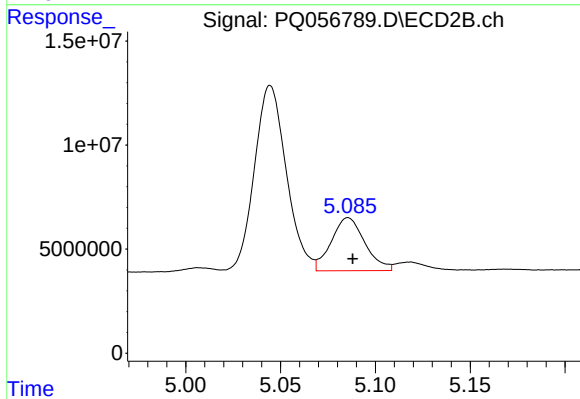
#18 AR-1242-3

R.T.: 5.045 min
Delta R.T.: 0.036 min
Response: 104606456
Conc: 459.53 ng/ml



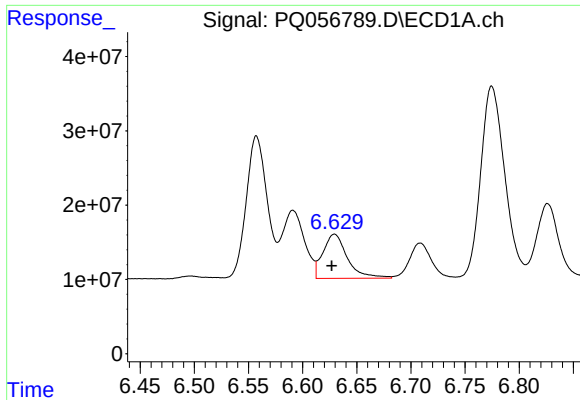
#19 AR-1242-4

R.T.: 5.898 min
Delta R.T.: 0.006 min
Response: 4080743
Conc: 10.46 ng/ml



#19 AR-1242-4

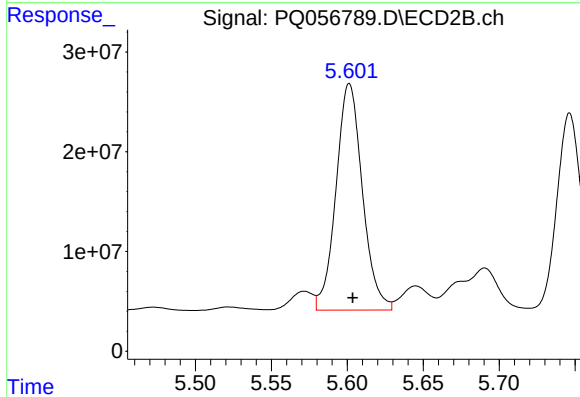
R.T.: 5.086 min
Delta R.T.: -0.002 min
Response: 31470511
Conc: 137.64 ng/ml



#20 AR-1242-5

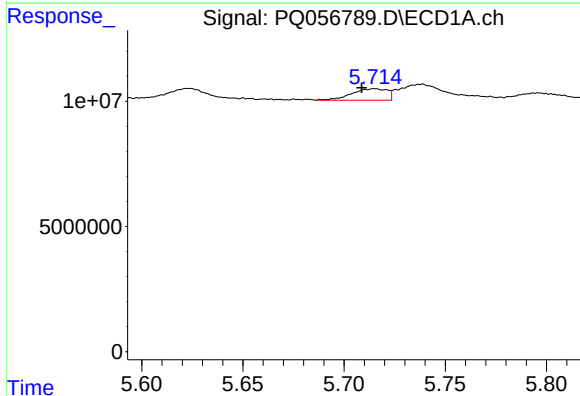
R.T.: 6.630 min
Delta R.T.: 0.003 min
Response: 93249551
Conc: 235.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



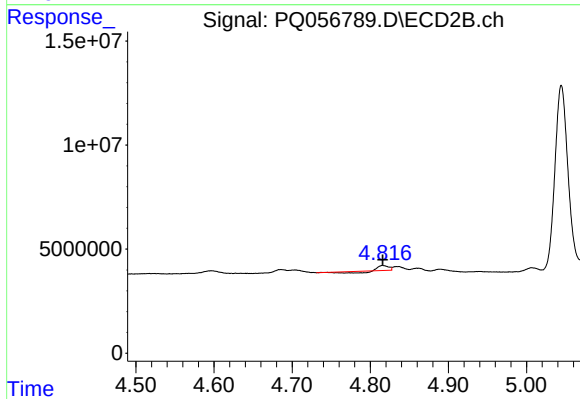
#20 AR-1242-5

R.T.: 5.601 min
Delta R.T.: -0.002 min
Response: 274668602
Conc: 919.68 ng/ml



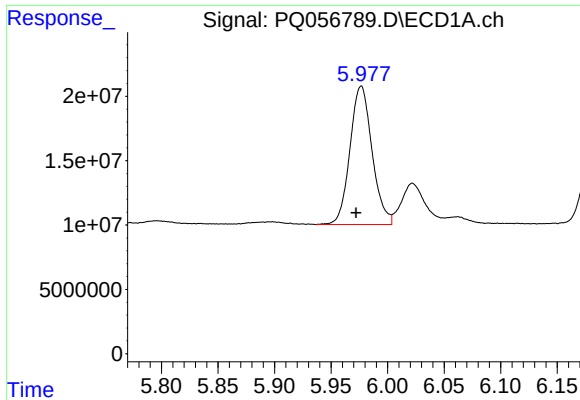
#21 AR-1248-1

R.T.: 5.715 min
Delta R.T.: 0.006 min
Response: 5612039
Conc: 19.11 ng/ml



#21 AR-1248-1

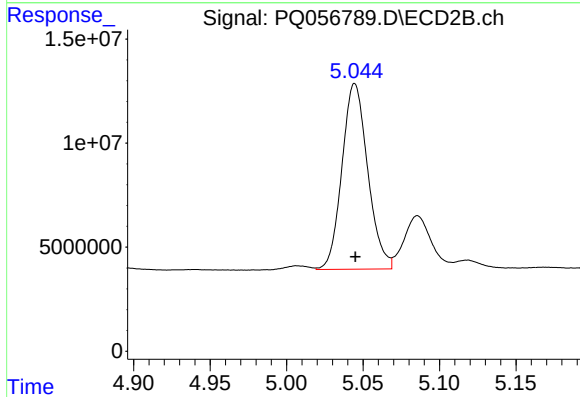
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 464690
Conc: 2.08 ng/ml



#22 AR-1248-2

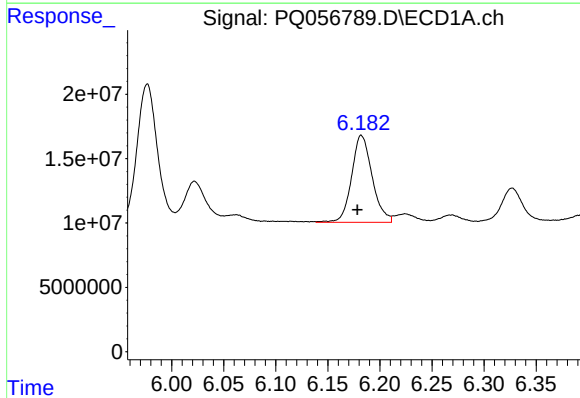
R.T.: 5.977 min
Delta R.T.: 0.005 min
Response: 146522736
Conc: 272.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



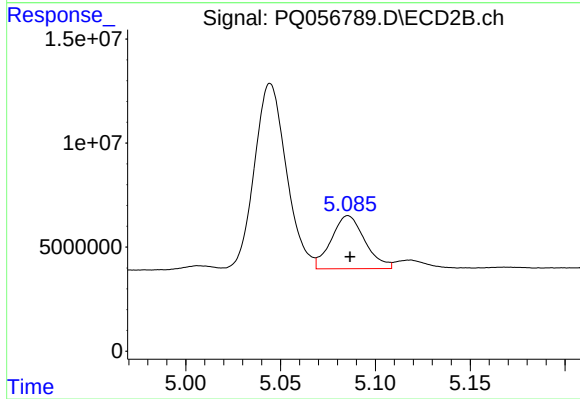
#22 AR-1248-2

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 104606456
Conc: 313.77 ng/ml



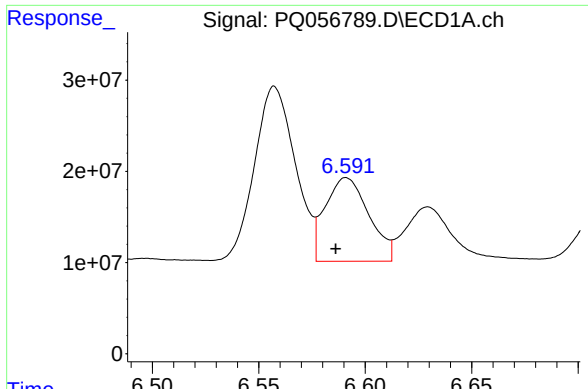
#23 AR-1248-3

R.T.: 6.182 min
Delta R.T.: 0.004 min
Response: 93060209
Conc: 148.03 ng/ml



#23 AR-1248-3

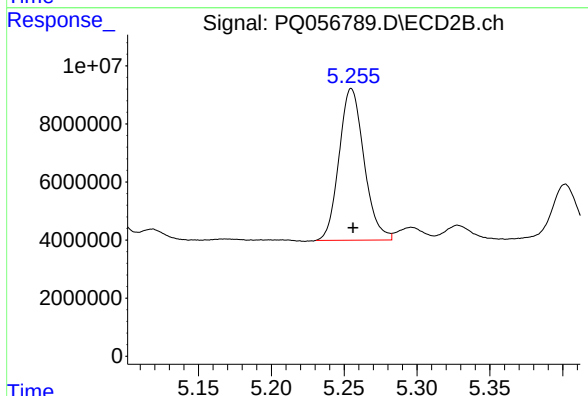
R.T.: 5.086 min
Delta R.T.: -0.001 min
Response: 31470511
Conc: 89.82 ng/ml



#24 AR-1248-4

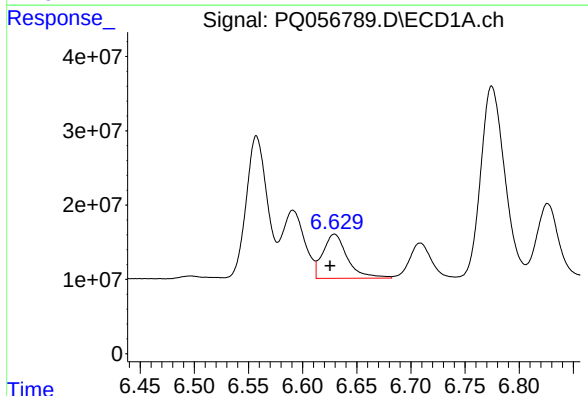
R.T.: 6.591 min
Delta R.T.: 0.005 min
Response: 130767837
Conc: 199.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



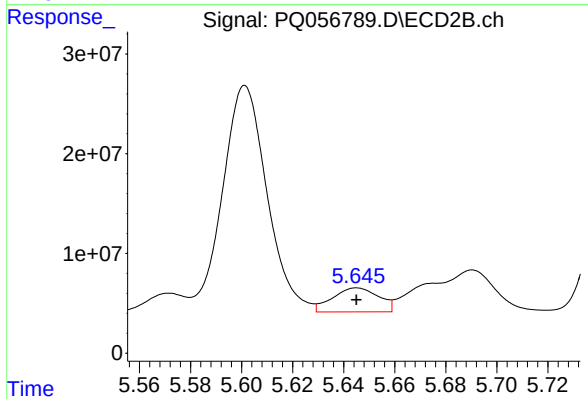
#24 AR-1248-4

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 62281122
Conc: 149.09 ng/ml



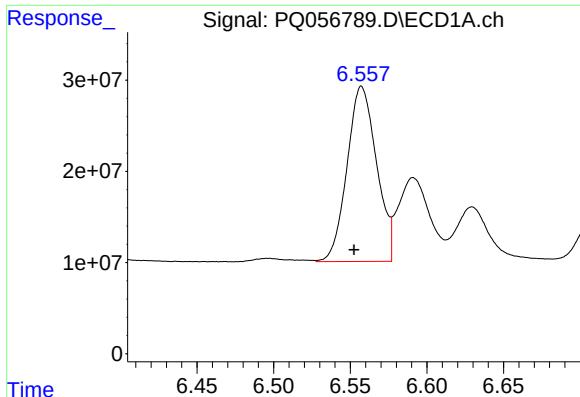
#25 AR-1248-5

R.T.: 6.630 min
Delta R.T.: 0.004 min
Response: 93249551
Conc: 134.25 ng/ml



#25 AR-1248-5

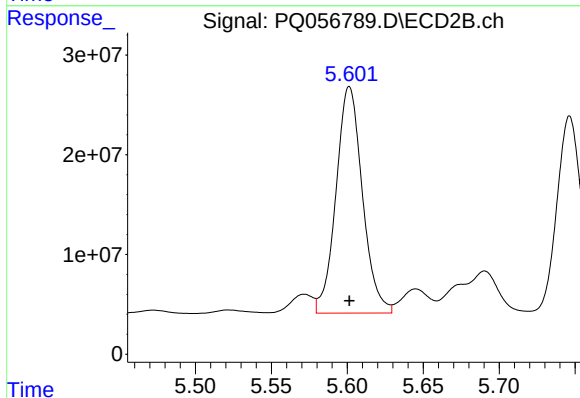
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 30090214
Conc: 67.14 ng/ml



#26 AR-1254-1

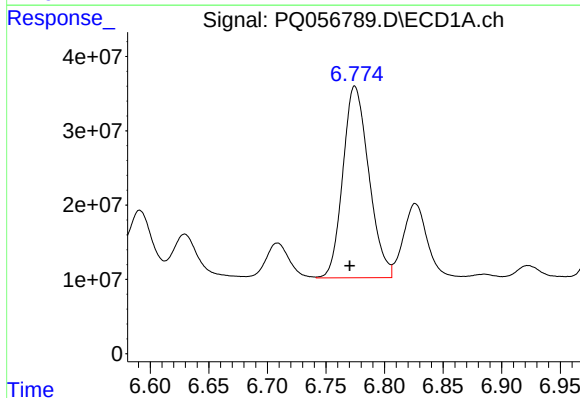
R.T.: 6.557 min
Delta R.T.: 0.005 min
Response: 257105101
Conc: 399.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



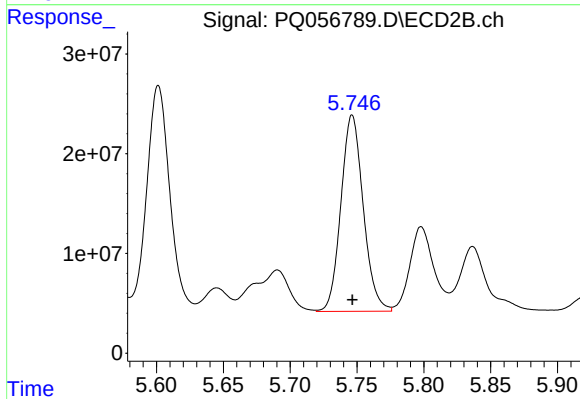
#26 AR-1254-1

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 274668602
Conc: 411.90 ng/ml



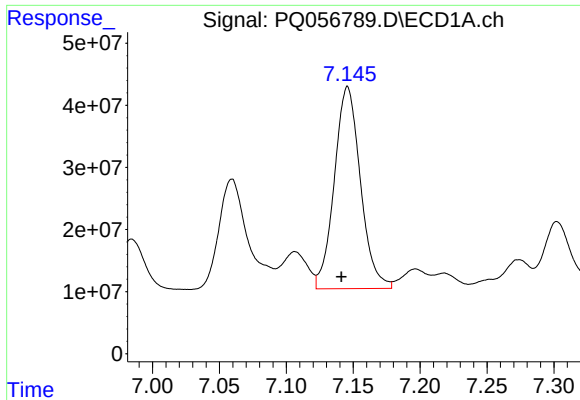
#27 AR-1254-2

R.T.: 6.775 min
Delta R.T.: 0.004 min
Response: 397057904
Conc: 398.06 ng/ml



#27 AR-1254-2

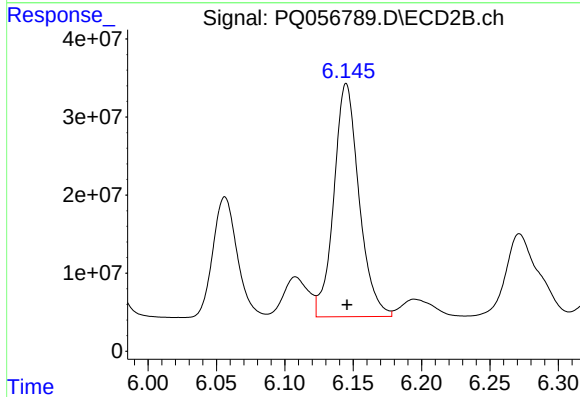
R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 229321888
Conc: 417.66 ng/ml



#28 AR-1254-3

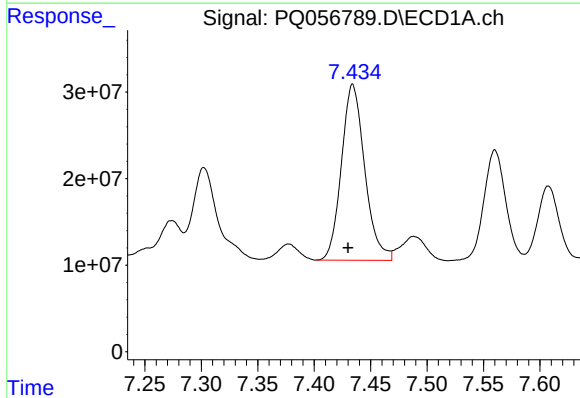
R.T.: 7.146 min
Delta R.T.: 0.005 min
Response: 442481289
Conc: 399.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



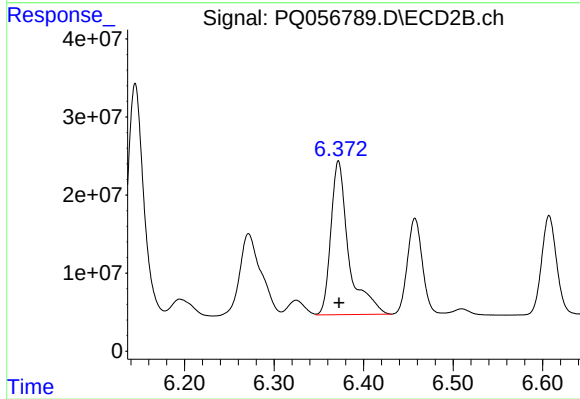
#28 AR-1254-3

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 383120202
Conc: 412.22 ng/ml



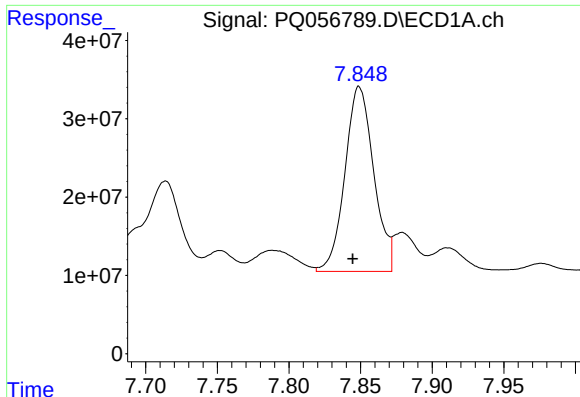
#29 AR-1254-4

R.T.: 7.434 min
Delta R.T.: 0.004 min
Response: 292287447
Conc: 398.98 ng/ml



#29 AR-1254-4

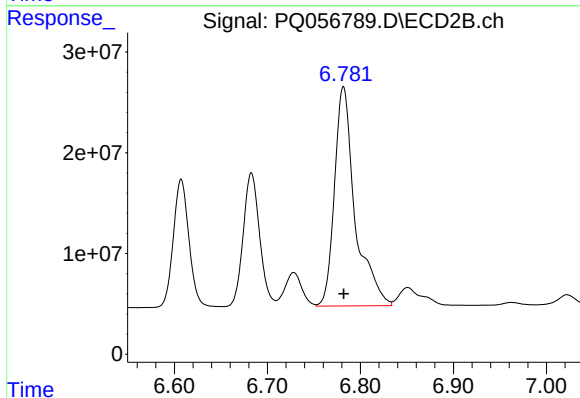
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 273402277
Conc: 404.28 ng/ml



#30 AR-1254-5

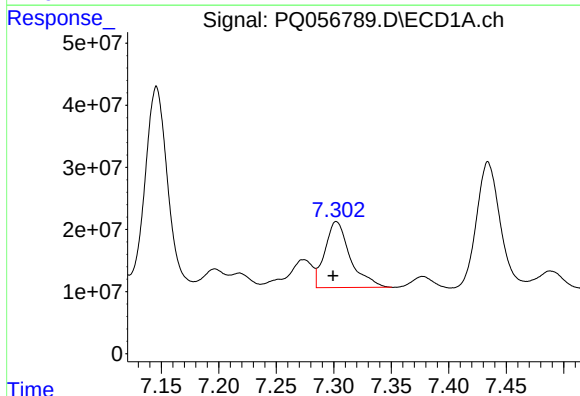
R.T.: 7.849 min
Delta R.T.: 0.005 min
Response: 330642137
Conc: 390.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



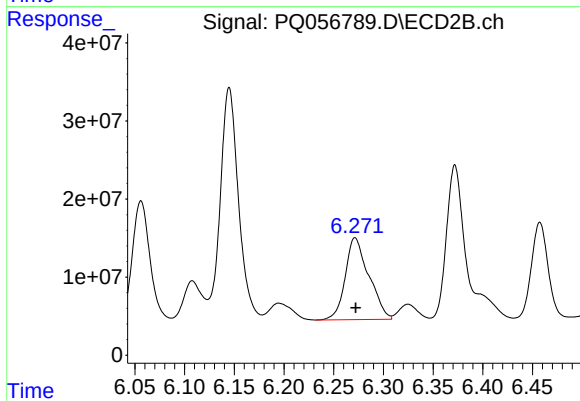
#30 AR-1254-5

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 334754826
Conc: 409.78 ng/ml



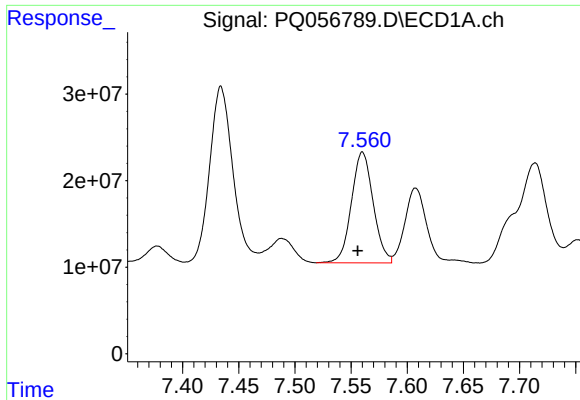
#31 AR-1260-1

R.T.: 7.302 min
Delta R.T.: 0.003 min
Response: 162971750
Conc: 254.33 ng/ml



#31 AR-1260-1

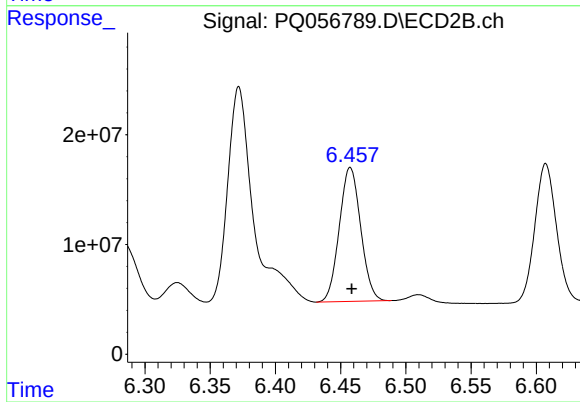
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 173365396
Conc: 317.37 ng/ml



#32 AR-1260-2

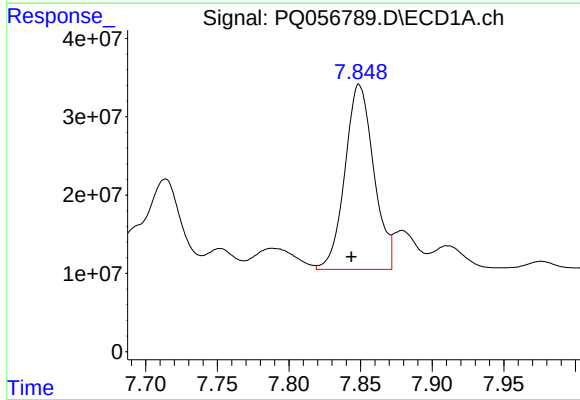
R.T.: 7.560 min
Delta R.T.: 0.004 min
Response: 172625415
Conc: 234.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



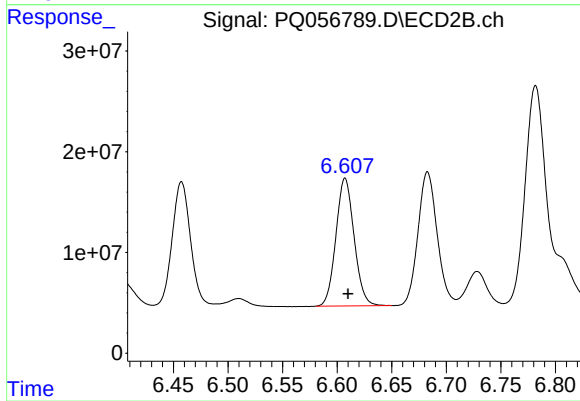
#32 AR-1260-2

R.T.: 6.457 min
Delta R.T.: -0.001 min
Response: 139240135
Conc: 209.22 ng/ml



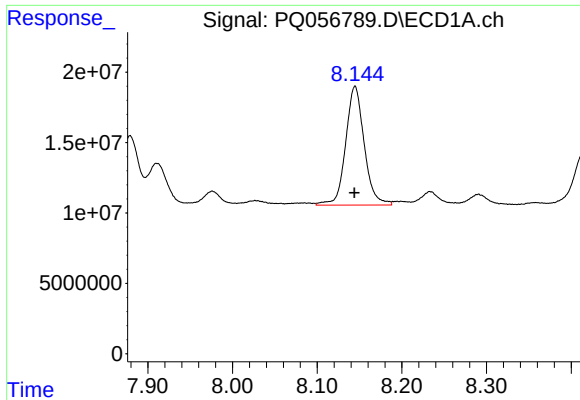
#33 AR-1260-3

R.T.: 7.849 min
Delta R.T.: 0.006 min
Response: 330642137
Conc: 354.53 ng/ml



#33 AR-1260-3

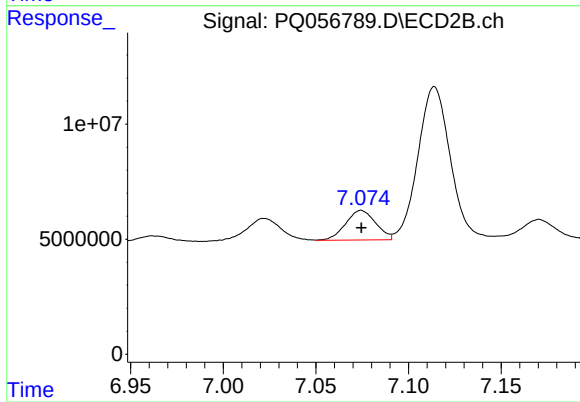
R.T.: 6.607 min
Delta R.T.: -0.003 min
Response: 147064028
Conc: 237.66 ng/ml



#34 AR-1260-4

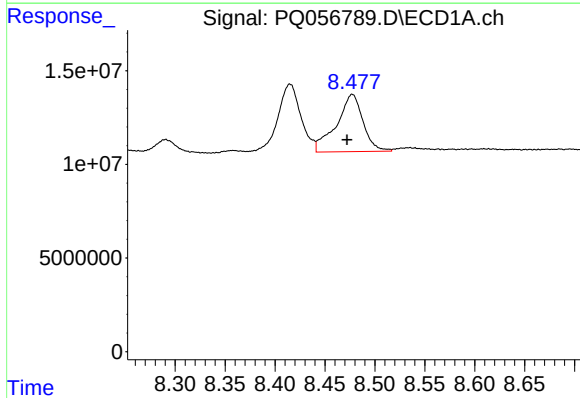
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 128594906
Conc: 186.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



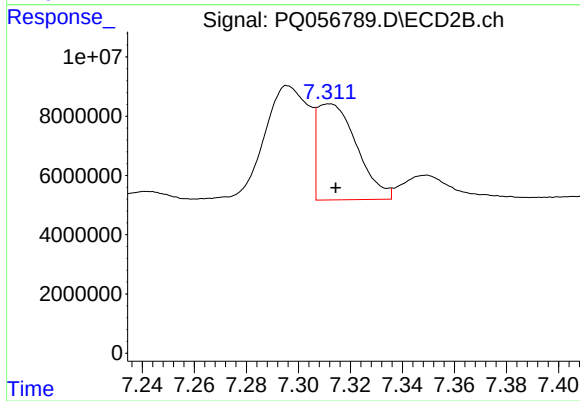
#34 AR-1260-4

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 14555542
Conc: 27.53 ng/ml



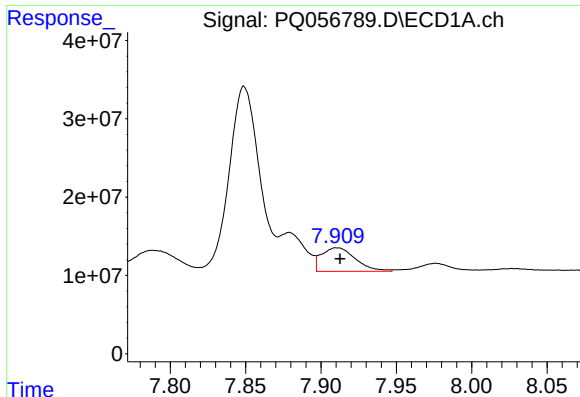
#35 AR-1260-5

R.T.: 8.477 min
Delta R.T.: 0.005 min
Response: 56760526
Conc: 40.89 ng/ml



#35 AR-1260-5

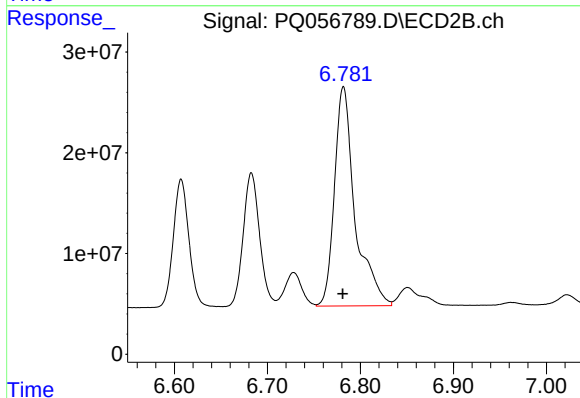
R.T.: 7.312 min
Delta R.T.: -0.003 min
Response: 34375788
Conc: 26.26 ng/ml



#36 AR-1262-1

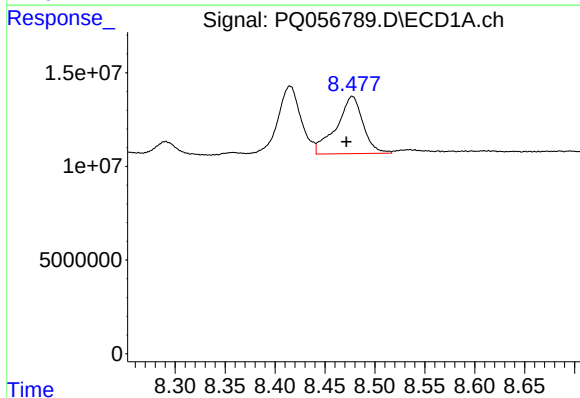
R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 47271384
Conc: 47.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



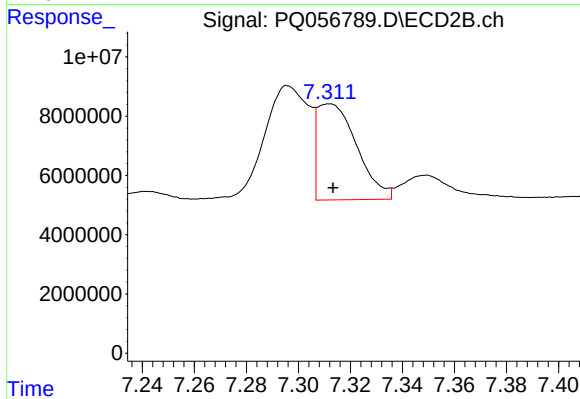
#36 AR-1262-1

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 334754826
Conc: 790.55 ng/ml



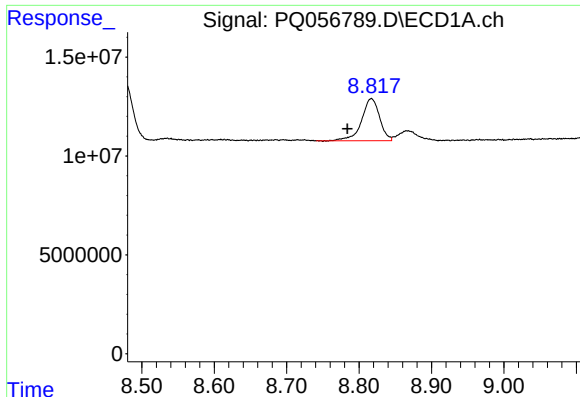
#37 AR-1262-2

R.T.: 8.477 min
Delta R.T.: 0.006 min
Response: 56760526
Conc: 30.92 ng/ml



#37 AR-1262-2

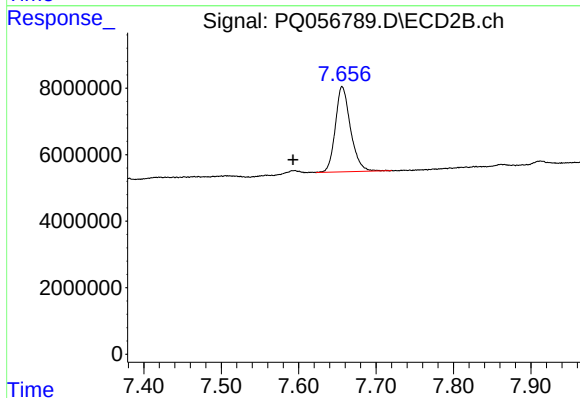
R.T.: 7.312 min
Delta R.T.: -0.002 min
Response: 34375788
Conc: 21.53 ng/ml



#38 AR-1262-3

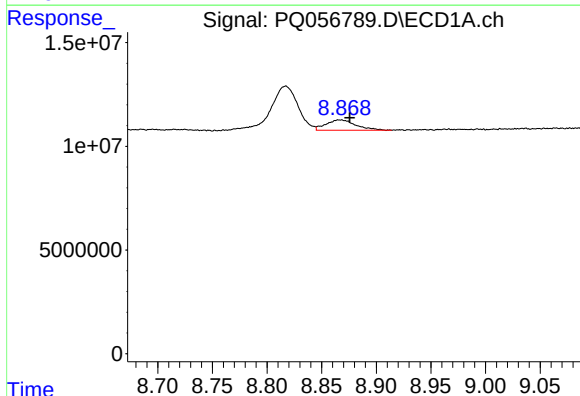
R.T.: 8.817 min
Delta R.T.: 0.033 min
Response: 36732119
Conc: 45.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



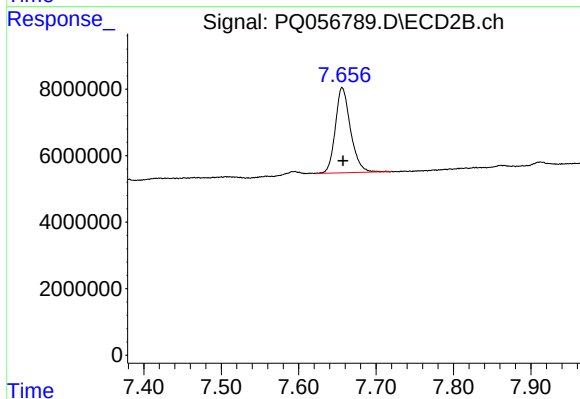
#38 AR-1262-3

R.T.: 7.656 min
Delta R.T.: 0.063 min
Response: 34844491
Conc: 54.31 ng/ml



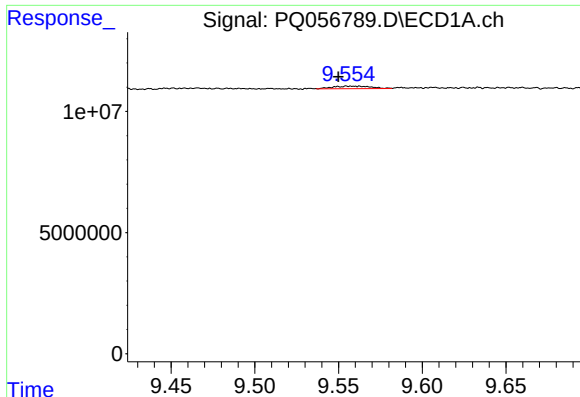
#39 AR-1262-4

R.T.: 8.867 min
Delta R.T.: -0.009 min
Response: 9518810
Conc: 15.89 ng/ml



#39 AR-1262-4

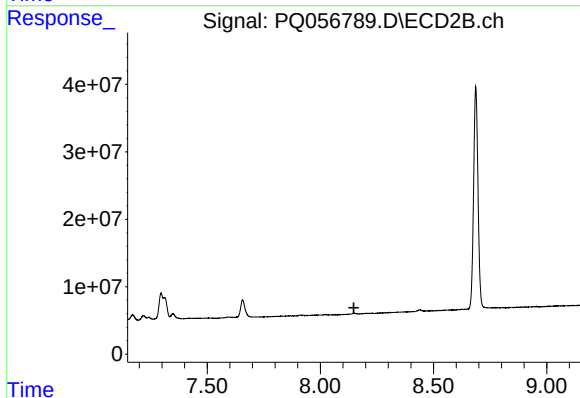
R.T.: 7.656 min
Delta R.T.: -0.001 min
Response: 34844491
Conc: 29.53 ng/ml



#40 AR-1262-5

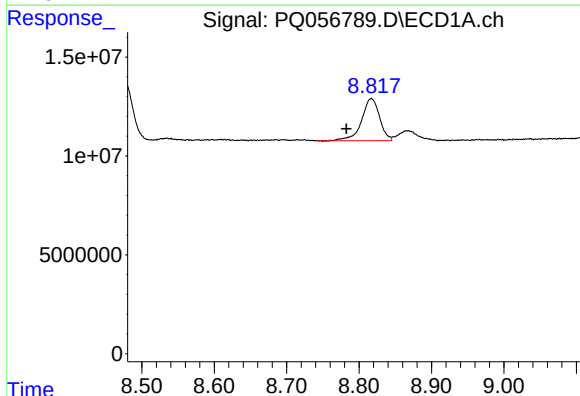
R.T.: 9.556 min
Delta R.T.: 0.006 min
Response: 1601883
Conc: 2.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



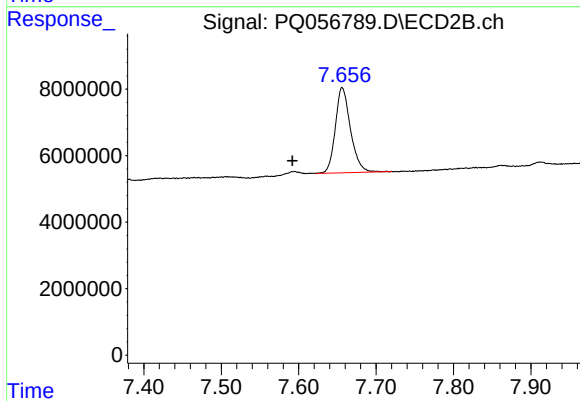
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.148 min
Response: 0
Conc: N.D.



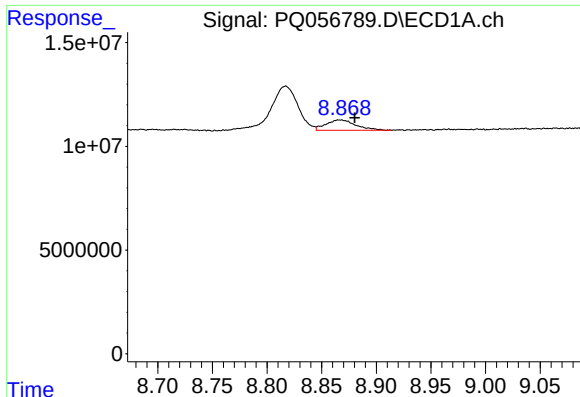
#41 AR-1268-1

R.T.: 8.817 min
Delta R.T.: 0.034 min
Response: 36732119
Conc: 16.92 ng/ml



#41 AR-1268-1

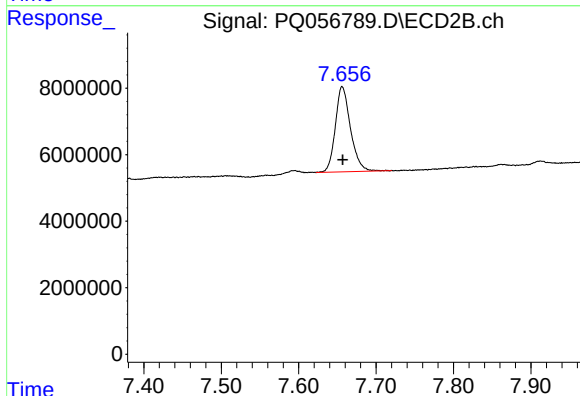
R.T.: 7.656 min
Delta R.T.: 0.064 min
Response: 34844491
Conc: 18.88 ng/ml



#42 AR-1268-2

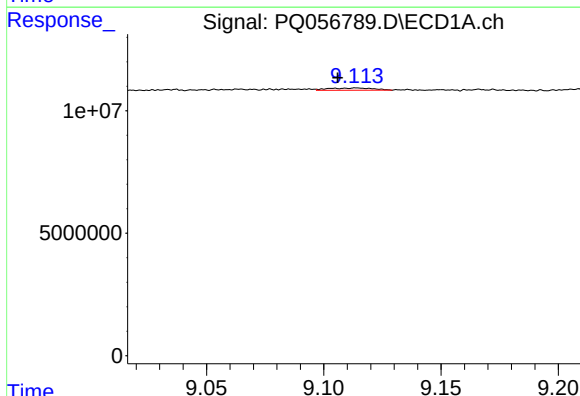
R.T.: 8.867 min
Delta R.T.: -0.014 min
Response: 9518810
Conc: 4.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



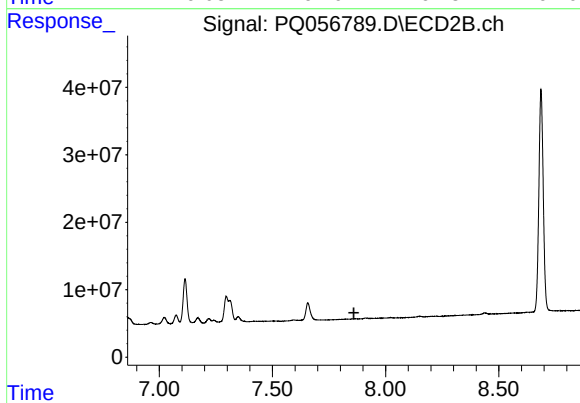
#42 AR-1268-2

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 34844491
Conc: 20.71 ng/ml



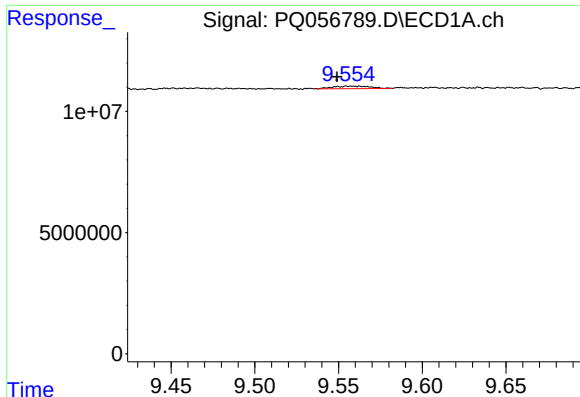
#43 AR-1268-3

R.T.: 9.114 min
Delta R.T.: 0.008 min
Response: 1163567
Conc: 0.65 ng/ml



#43 AR-1268-3

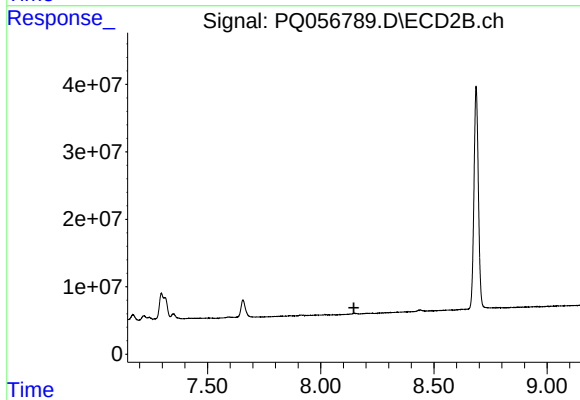
R.T.: 0.000 min
Exp R.T. : 7.860 min
Response: 0
Conc: N.D.



#44 AR-1268-4

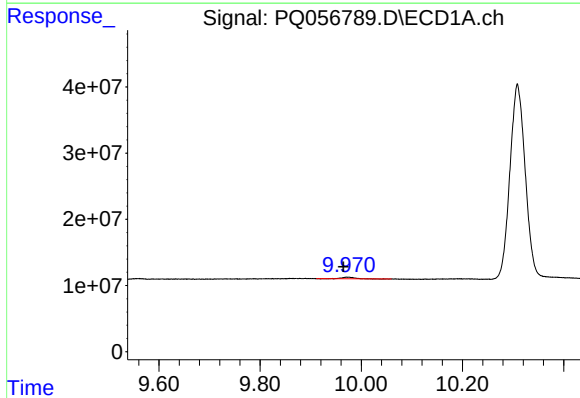
R.T.: 9.556 min
Delta R.T.: 0.007 min
Response: 1601883
Conc: 2.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



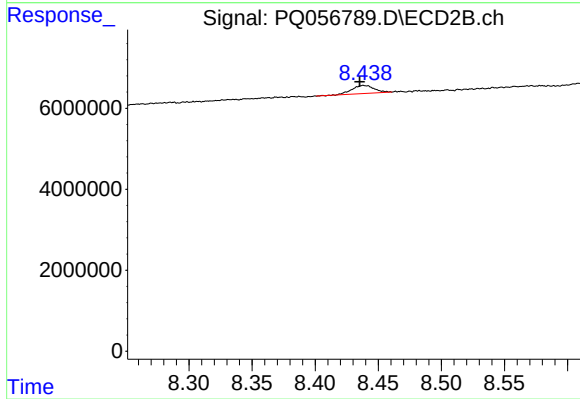
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.146 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.971 min
Delta R.T.: 0.007 min
Response: 4559238
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 8.438 min
Delta R.T.: 0.003 min
Response: 2408323
Conc: 0.54 ng/ml