

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
 Data File : PQ040498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 20:49
 Operator : SM\AJ
 Sample : K3102-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETN24

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:38:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 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...	5.582	4.725	55317247	40982438	16.886	19.081
2)	SA Decachlor...	11.876	10.440	166.9E6	100.6E6	23.369	24.201
Target Compounds							
3)	L1 AR-1016-1	7.024	6.169	5252822	3350968	31.399	26.123
4)	L1 AR-1016-2	7.086	6.169	2798968	3350968	10.646	17.361 #
5)	L1 AR-1016-3	7.133	6.397	469684	1066142	2.752	9.885 #
7)	L1 AR-1016-5	7.623	6.734	18891984	7194107	136.183	62.481 #
8)	L2 AR-1221-1	5.953	5.025	-125546	1103877	N.D.	45.044 #
9)	L2 AR-1221-2	5.977	5.141	518924	1454970	23.553	89.329 #
10)	L2 AR-1221-3	6.095	5.245	1009085	1358608	11.423	22.343 #
11)	L3 AR-1232-1	6.095	5.245	1009085	1358608	15.580	29.649 #
12)	L3 AR-1232-2	6.763	6.169	1440848	3350968	36.341	55.862 #
13)	L3 AR-1232-3	7.086	6.397	2798968	1066142	34.635	30.316
15)	L3 AR-1232-5	7.372	6.734	1162381	7194107	36.677	238.972 #
16)	L4 AR-1242-1	7.024	6.169	5252822	3350968	54.177	45.315
17)	L4 AR-1242-2	7.086	6.169	2798968	3350968	19.368	31.476 #
18)	L4 AR-1242-3	7.133	6.397	469684	1066142	5.045	17.673 #
20)	L4 AR-1242-5	8.081	7.168	14763398	6934853	170.294	86.053 #
21)	L5 AR-1248-1	7.086	6.169	2798968	3350968	36.161	58.153 #
22)	L5 AR-1248-2	7.372	6.462	1162381	2120551	10.320	24.119 #
23)	L5 AR-1248-3	7.623	6.521	18891984	2261504	136.872	24.994 #
24)	L5 AR-1248-4	8.020	6.734	111.6E6	7194107	738.990	65.147 #
25)	L5 AR-1248-5	8.081	7.200	14763398	2208714	98.058	19.454 #
26)	L6 AR-1254-1	8.020	7.107	111.6E6	36044863	639.729	188.188 #
27)	L6 AR-1254-2	8.230	7.314	49027388	32729431	177.280	188.392
28)	L6 AR-1254-3	8.635	7.753	44775570	36775335	150.869	127.258
29)	L6 AR-1254-4	8.962	8.025	57781691	51989787	278.026	291.181
30)	L6 AR-1254-5	9.385	8.424	68697154	64128316	238.537	248.916
31)	L7 AR-1260-1	8.846	7.885	3566397	1322221	10.729	4.823 #
32)	L7 AR-1260-2	9.110	8.083	9953838	5112789	24.640	14.780 #
33)	L7 AR-1260-3	9.422	8.285	4737232	202410	14.360	0.631 #
34)	L7 AR-1260-4	0.000	8.764	0	593030	N.D.	2.183 #
35)	L7 AR-1260-5	0.000	9.000	0	2757475	N.D.	4.102 #
36)	L8 AR-1262-1	9.562	8.548	2868799	3993972	20.637	35.175 #
37)	L8 AR-1262-2	0.000	9.000	0	2757475	N.D.	5.558 #
38)	L8 AR-1262-3	10.330	9.279	3769472	2862939	8.915	13.617 #
39)	L8 AR-1262-4	10.430	9.389	3043054	335615	8.057	0.886 #
40)	L8 AR-1262-5	11.113	9.909	1490706	271855	6.345	1.677 #
41)	L9 AR-1268-1	10.330	9.279	3769472	2862939	6.258	6.274
42)	L9 AR-1268-2	10.430	9.346	3043054	2592454	4.946	5.930
43)	L9 AR-1268-3	10.662	9.553	3790400	5315745	6.978	14.160 #
44)	L9 AR-1268-4	11.113	9.867	1490706	922636	7.309	6.696

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053119\
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 Acq On : 31 May 2019 20:49
 Operator : SM\AJ
 Sample : K3102-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

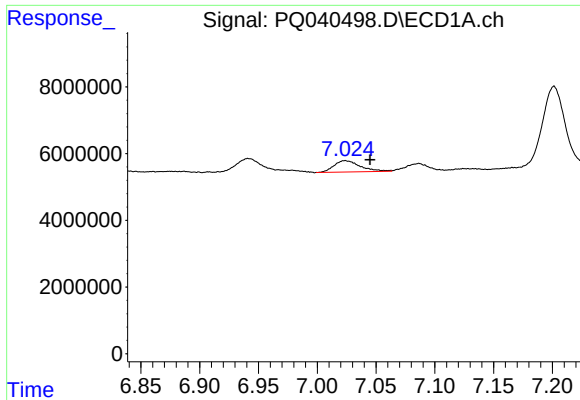
Instrument :
 ECD_Q
 ClientSampleId :
 ETN24

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 00:38:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45)	L9 AR-1268-5	11.536	10.175	31167267	19534385	16.867	16.552

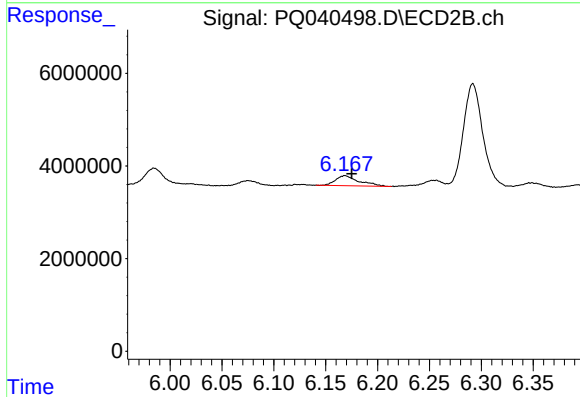
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

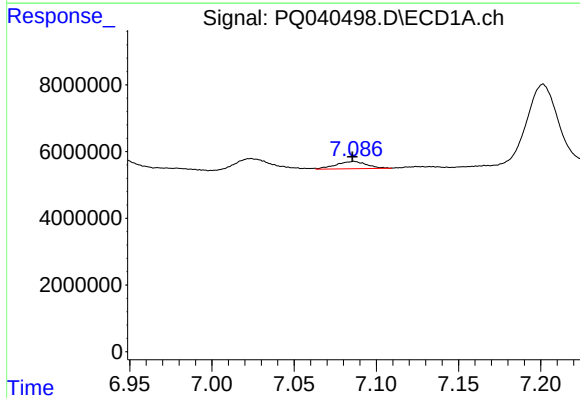
R.T.: 7.024 min
Delta R.T.: -0.021 min
Response: 5252822
Conc: 31.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



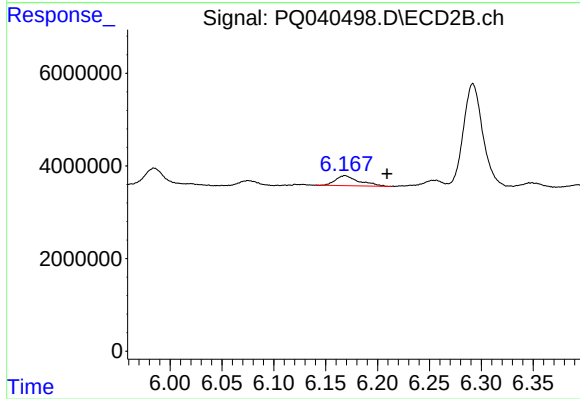
#3 AR-1016-1

R.T.: 6.169 min
Delta R.T.: -0.006 min
Response: 3350968
Conc: 26.12 ng/ml



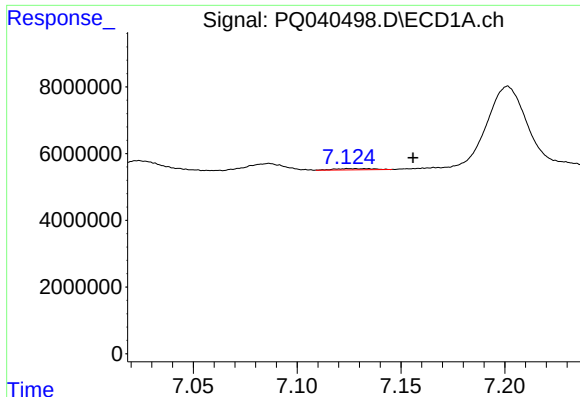
#4 AR-1016-2

R.T.: 7.086 min
Delta R.T.: 0.001 min
Response: 2798968
Conc: 10.65 ng/ml



#4 AR-1016-2

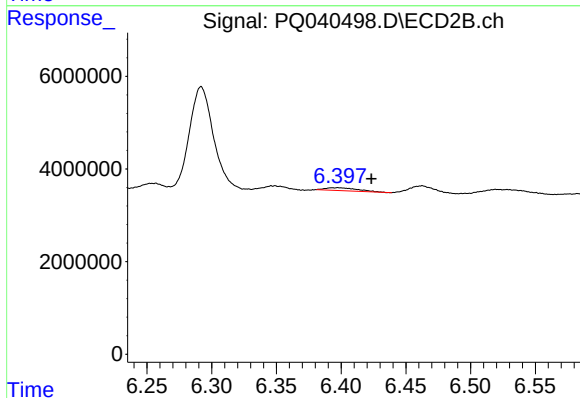
R.T.: 6.169 min
Delta R.T.: -0.041 min
Response: 3350968
Conc: 17.36 ng/ml



#5 AR-1016-3

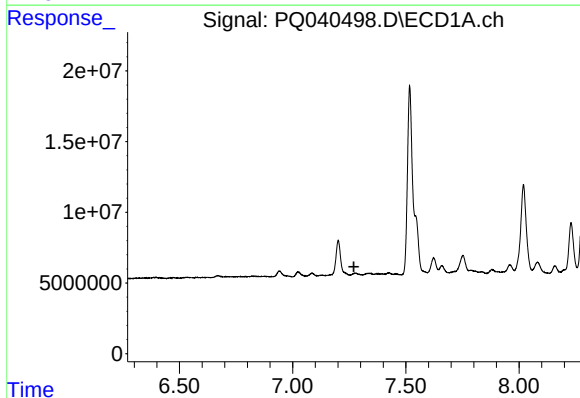
R.T.: 7.133 min
Delta R.T.: -0.023 min
Response: 469684
Conc: 2.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



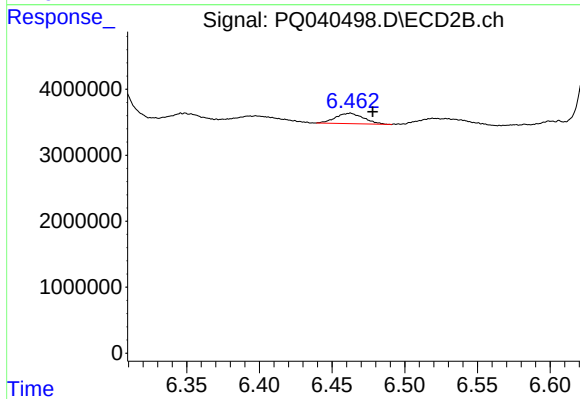
#5 AR-1016-3

R.T.: 6.397 min
Delta R.T.: -0.027 min
Response: 1066142
Conc: 9.89 ng/ml



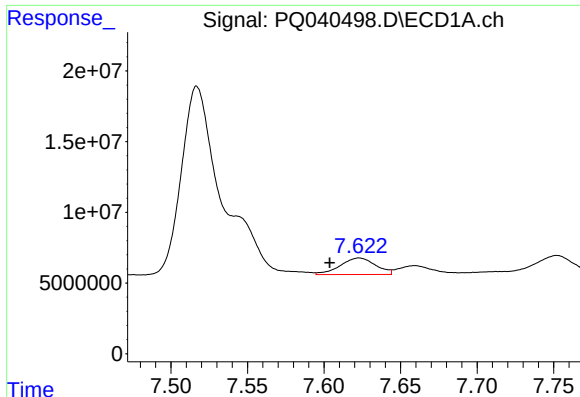
#6 AR-1016-4

R.T.: 7.275 min
Delta R.T.: 0.004 min
Response: -5722226
Conc: N.D.



#6 AR-1016-4

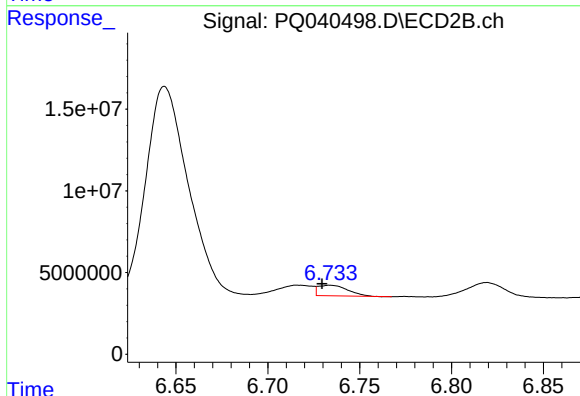
R.T.: 6.462 min
Delta R.T.: -0.016 min
Response: 2120551
Conc: 24.90 ng/ml



#7 AR-1016-5

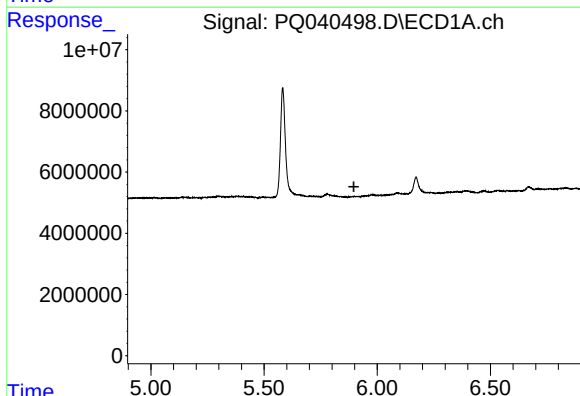
R.T.: 7.623 min
Delta R.T.: 0.019 min
Response: 18891984
Conc: 136.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



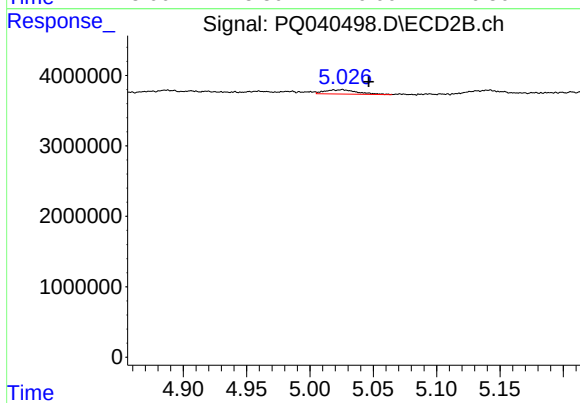
#7 AR-1016-5

R.T.: 6.734 min
Delta R.T.: 0.004 min
Response: 7194107
Conc: 62.48 ng/ml



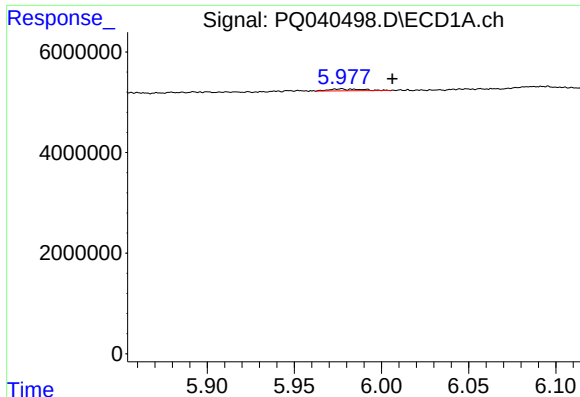
#8 AR-1221-1

R.T.: 5.953 min
Delta R.T.: 0.056 min
Response: -125546
Conc: N.D.



#8 AR-1221-1

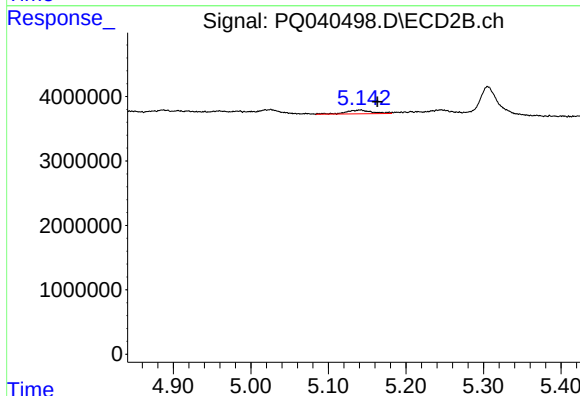
R.T.: 5.025 min
Delta R.T.: -0.022 min
Response: 1103877
Conc: 45.04 ng/ml



#9 AR-1221-2

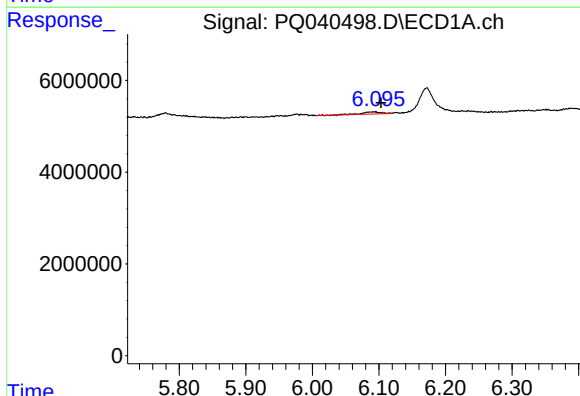
R.T.: 5.977 min
Delta R.T.: -0.029 min
Response: 518924
Conc: 23.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



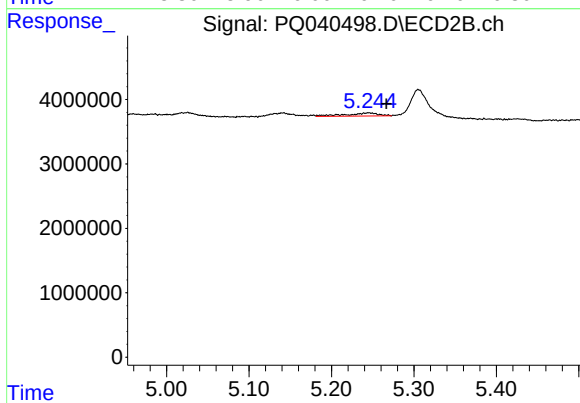
#9 AR-1221-2

R.T.: 5.141 min
Delta R.T.: -0.022 min
Response: 1454970
Conc: 89.33 ng/ml



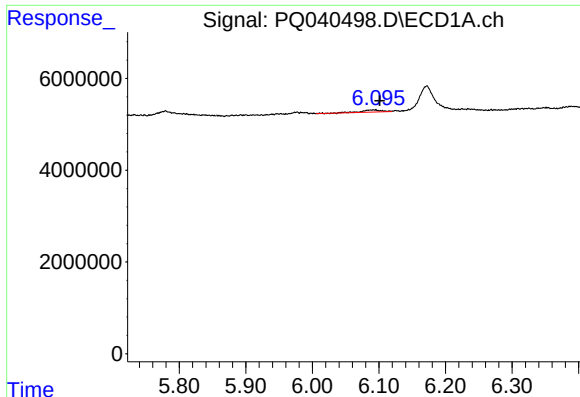
#10 AR-1221-3

R.T.: 6.095 min
Delta R.T.: -0.008 min
Response: 1009085
Conc: 11.42 ng/ml



#10 AR-1221-3

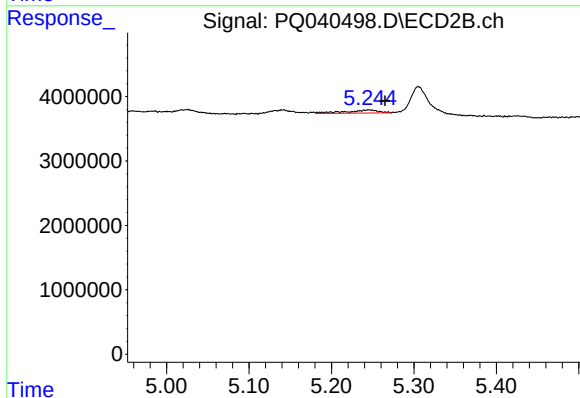
R.T.: 5.245 min
Delta R.T.: -0.022 min
Response: 1358608
Conc: 22.34 ng/ml



#11 AR-1232-1

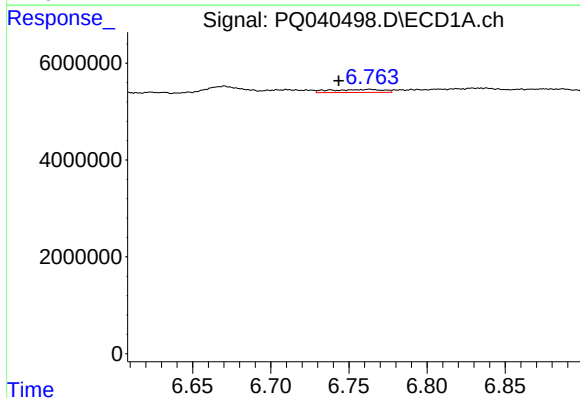
R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 1009085
Conc: 15.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



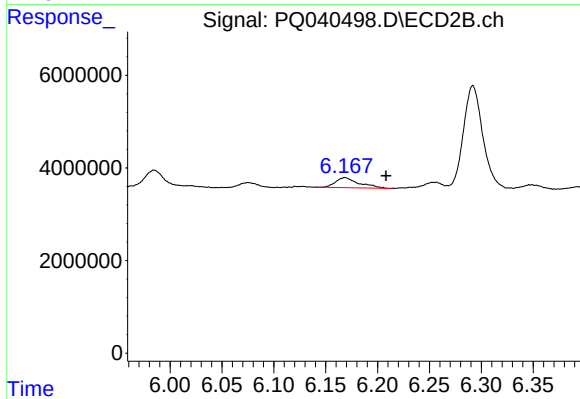
#11 AR-1232-1

R.T.: 5.245 min
Delta R.T.: -0.020 min
Response: 1358608
Conc: 29.65 ng/ml



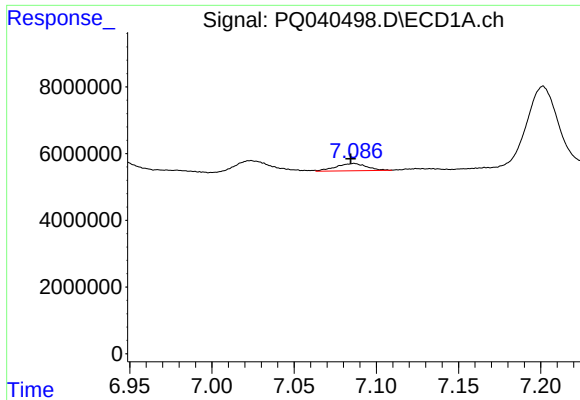
#12 AR-1232-2

R.T.: 6.763 min
Delta R.T.: 0.020 min
Response: 1440848
Conc: 36.34 ng/ml



#12 AR-1232-2

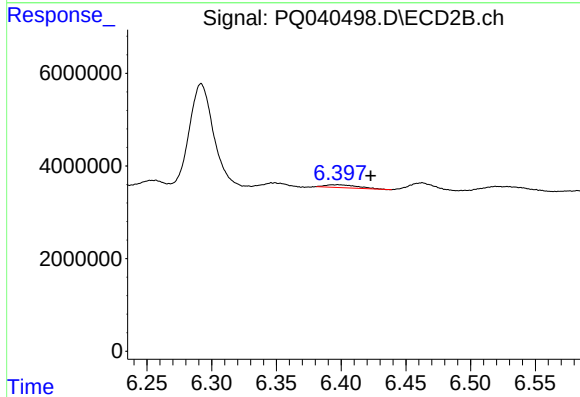
R.T.: 6.169 min
Delta R.T.: -0.040 min
Response: 3350968
Conc: 55.86 ng/ml



#13 AR-1232-3

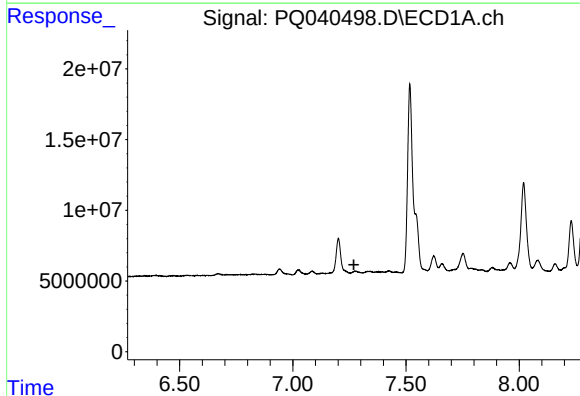
R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 2798968
Conc: 34.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



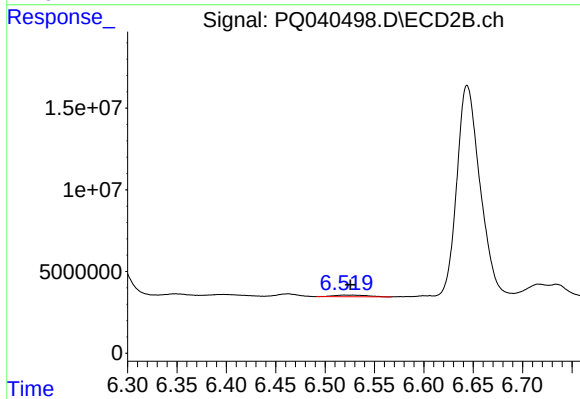
#13 AR-1232-3

R.T.: 6.397 min
Delta R.T.: -0.026 min
Response: 1066142
Conc: 30.32 ng/ml



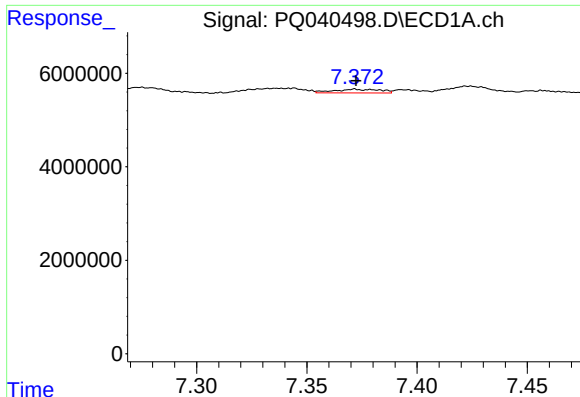
#14 AR-1232-4

R.T.: 7.275 min
Delta R.T.: 0.005 min
Response: -5722226
Conc: N.D.



#14 AR-1232-4

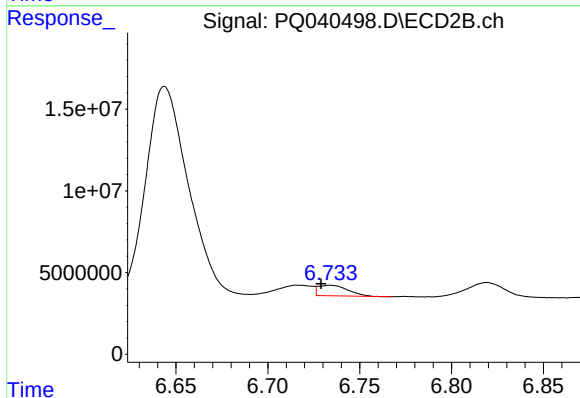
R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 2261504
Conc: 76.54 ng/ml



#15 AR-1232-5

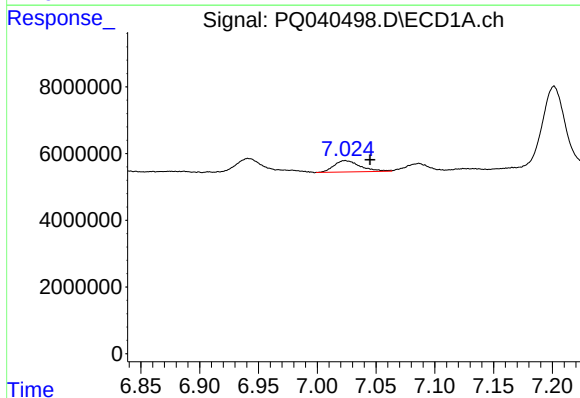
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 1162381
Conc: 36.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



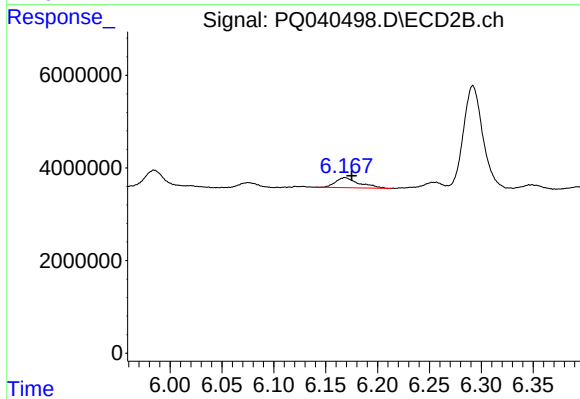
#15 AR-1232-5

R.T.: 6.734 min
Delta R.T.: 0.005 min
Response: 7194107
Conc: 238.97 ng/ml



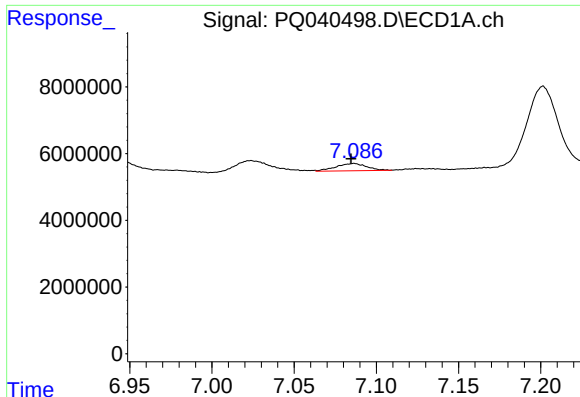
#16 AR-1242-1

R.T.: 7.024 min
Delta R.T.: -0.021 min
Response: 5252822
Conc: 54.18 ng/ml



#16 AR-1242-1

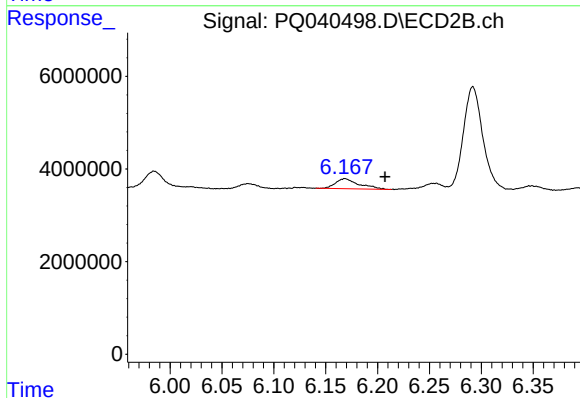
R.T.: 6.169 min
Delta R.T.: -0.006 min
Response: 3350968
Conc: 45.32 ng/ml



#17 AR-1242-2

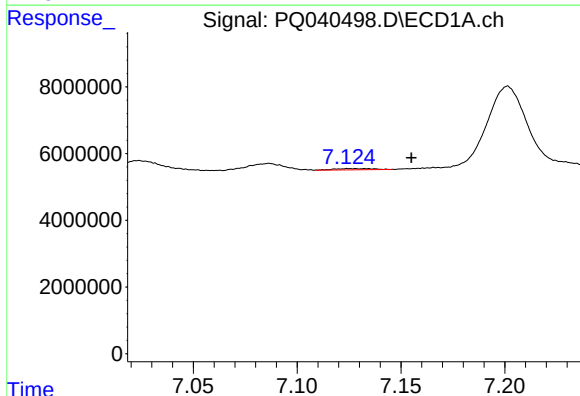
R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 2798968
Conc: 19.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



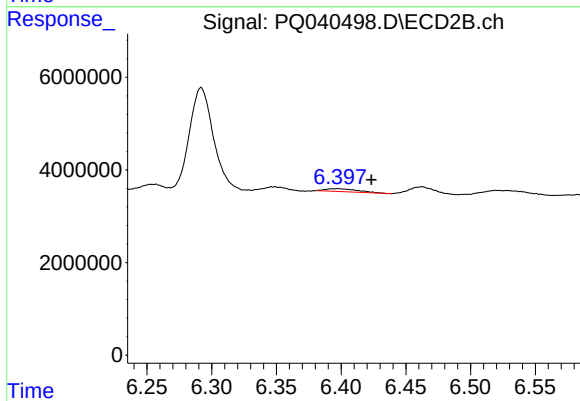
#17 AR-1242-2

R.T.: 6.169 min
Delta R.T.: -0.039 min
Response: 3350968
Conc: 31.48 ng/ml



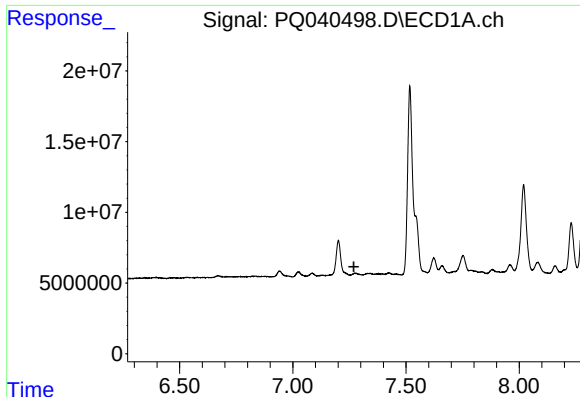
#18 AR-1242-3

R.T.: 7.133 min
Delta R.T.: -0.022 min
Response: 469684
Conc: 5.05 ng/ml



#18 AR-1242-3

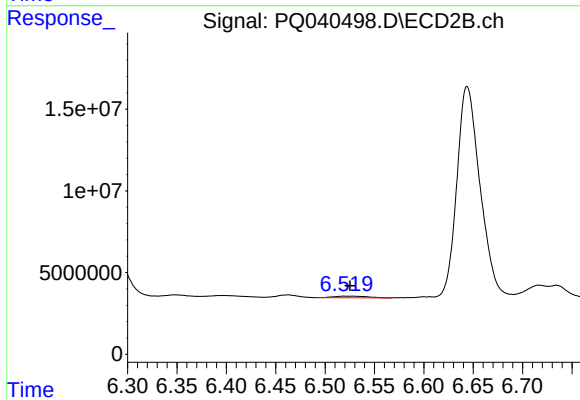
R.T.: 6.397 min
Delta R.T.: -0.027 min
Response: 1066142
Conc: 17.67 ng/ml



#19 AR-1242-4

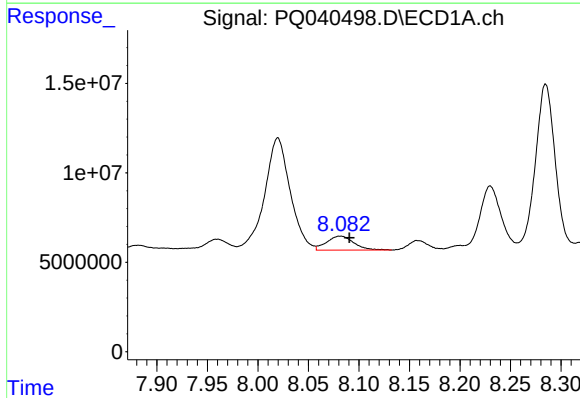
R.T.: 7.275 min
Delta R.T.: 0.005 min
Response: -5722226
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN24



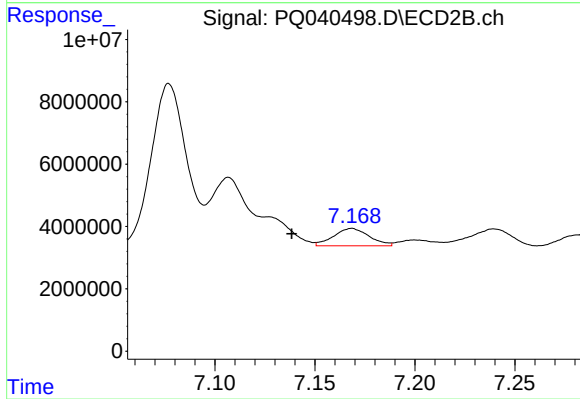
#19 AR-1242-4

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 2261504
Conc: 37.94 ng/ml



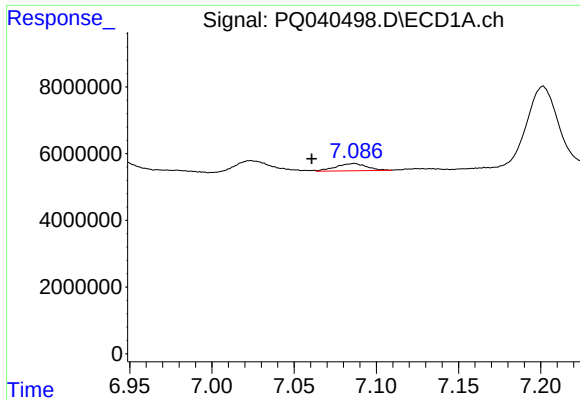
#20 AR-1242-5

R.T.: 8.081 min
Delta R.T.: -0.009 min
Response: 14763398
Conc: 170.29 ng/ml



#20 AR-1242-5

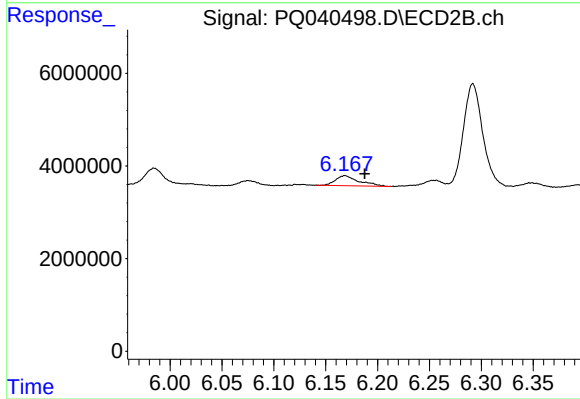
R.T.: 7.168 min
Delta R.T.: 0.030 min
Response: 6934853
Conc: 86.05 ng/ml



#21 AR-1248-1

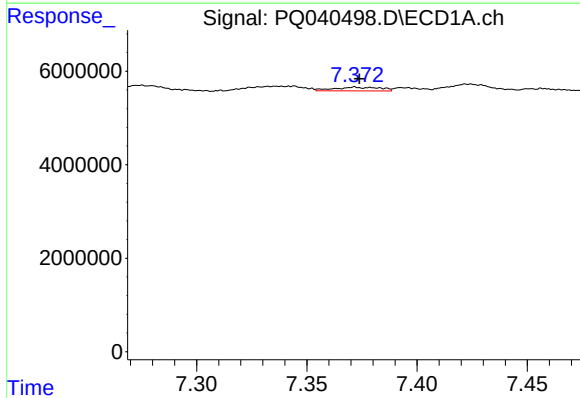
R.T.: 7.086 min
Delta R.T.: 0.026 min
Response: 2798968
Conc: 36.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



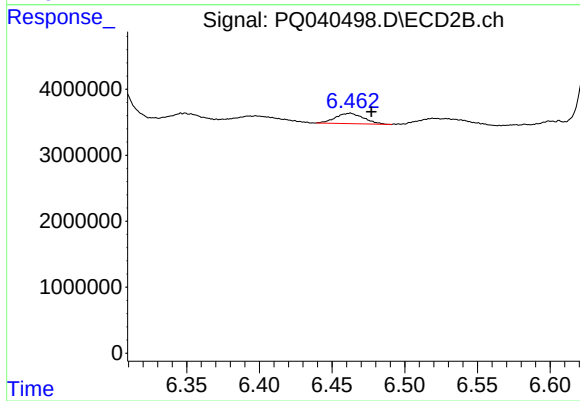
#21 AR-1248-1

R.T.: 6.169 min
Delta R.T.: -0.019 min
Response: 3350968
Conc: 58.15 ng/ml



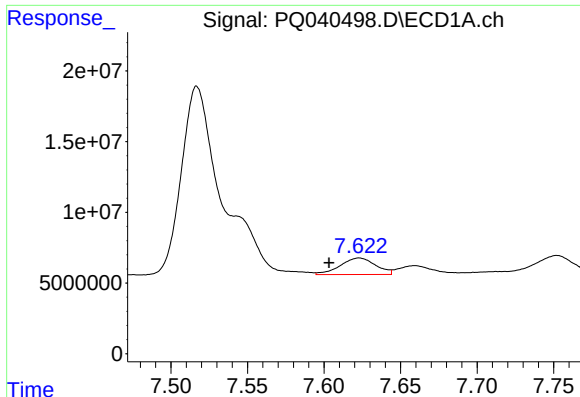
#22 AR-1248-2

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 1162381
Conc: 10.32 ng/ml



#22 AR-1248-2

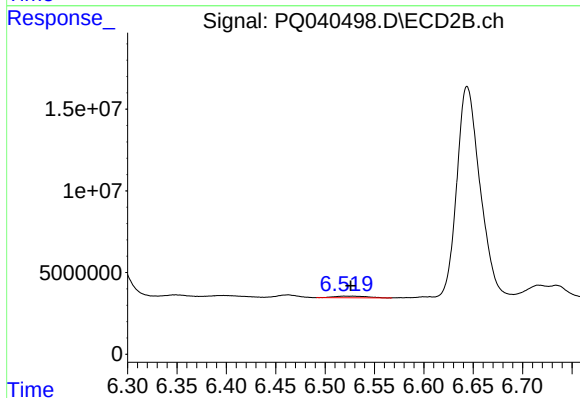
R.T.: 6.462 min
Delta R.T.: -0.015 min
Response: 2120551
Conc: 24.12 ng/ml



#23 AR-1248-3

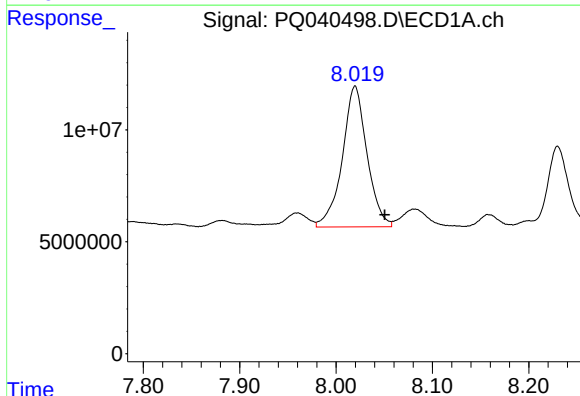
R.T.: 7.623 min
Delta R.T.: 0.020 min
Response: 18891984
Conc: 136.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



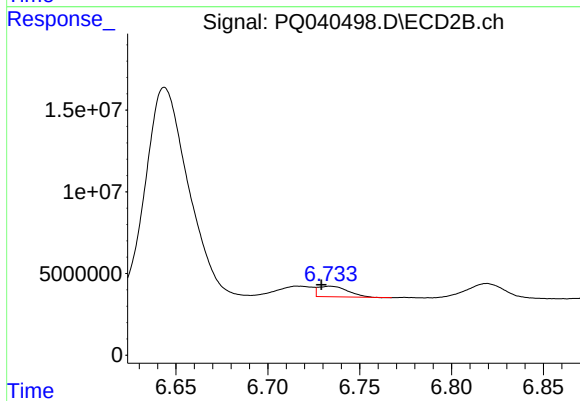
#23 AR-1248-3

R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 2261504
Conc: 24.99 ng/ml



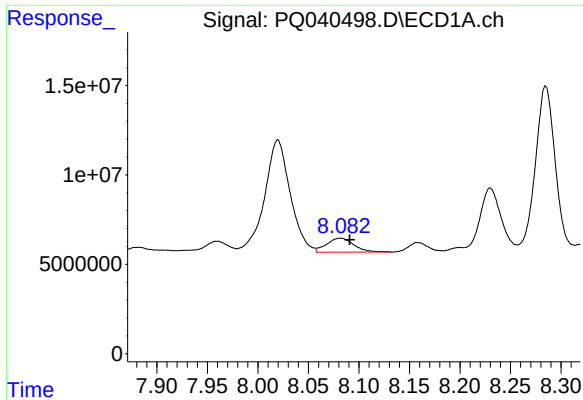
#24 AR-1248-4

R.T.: 8.020 min
Delta R.T.: -0.031 min
Response: 111565150
Conc: 738.99 ng/ml



#24 AR-1248-4

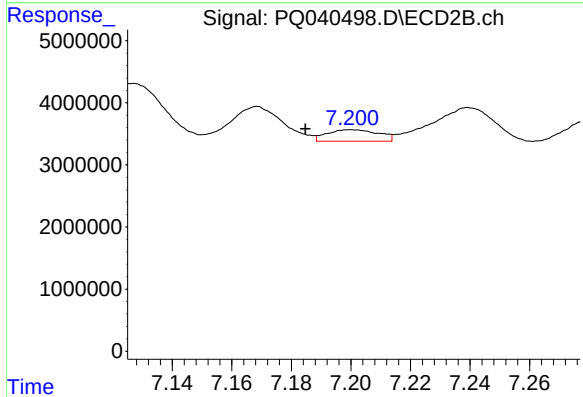
R.T.: 6.734 min
Delta R.T.: 0.004 min
Response: 7194107
Conc: 65.15 ng/ml



#25 AR-1248-5

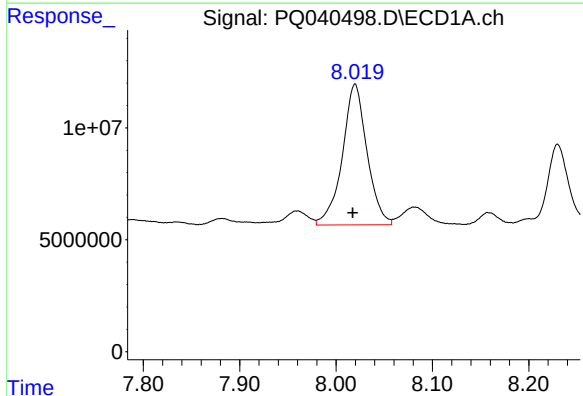
R.T.: 8.081 min
Delta R.T.: -0.009 min
Response: 14763398
Conc: 98.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



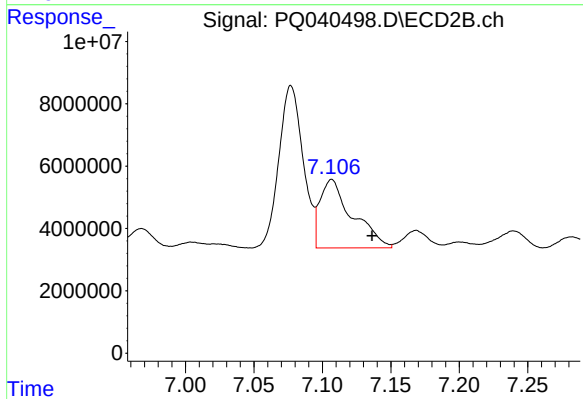
#25 AR-1248-5

R.T.: 7.200 min
Delta R.T.: 0.016 min
Response: 2208714
Conc: 19.45 ng/ml



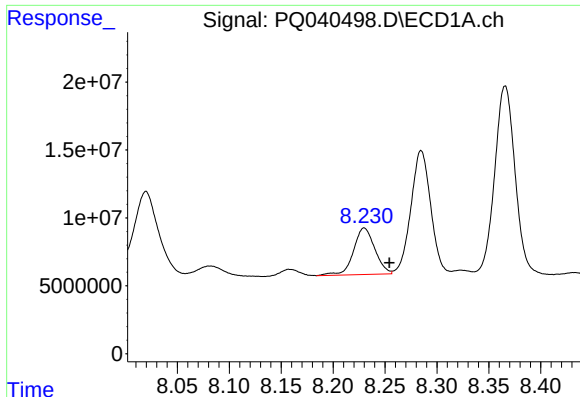
#26 AR-1254-1

R.T.: 8.020 min
Delta R.T.: 0.002 min
Response: 111565150
Conc: 639.73 ng/ml



#26 AR-1254-1

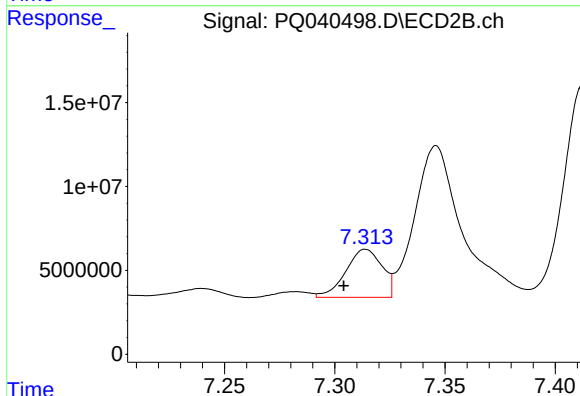
R.T.: 7.107 min
Delta R.T.: -0.030 min
Response: 36044863
Conc: 188.19 ng/ml



#27 AR-1254-2

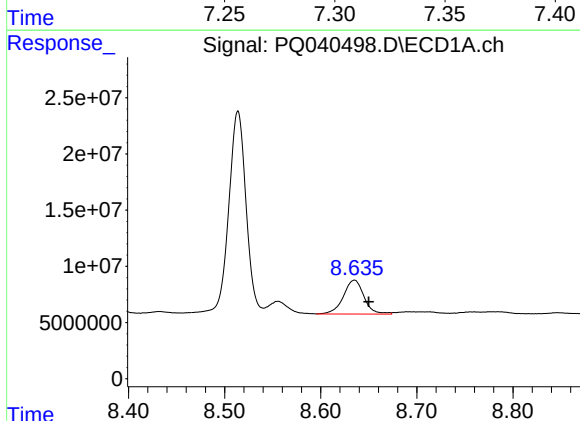
R.T.: 8.230 min
Delta R.T.: -0.024 min
Response: 49027388
Conc: 177.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



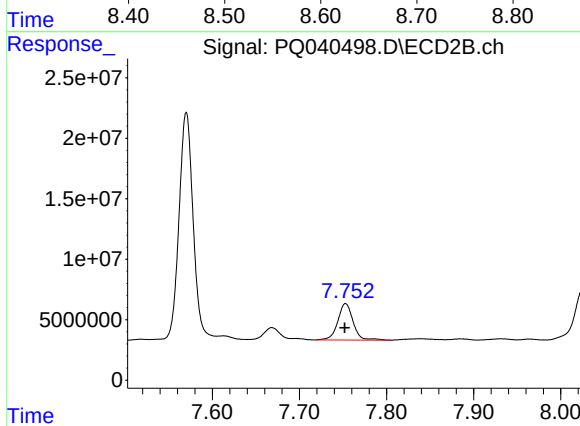
#27 AR-1254-2

R.T.: 7.314 min
Delta R.T.: 0.010 min
Response: 32729431
Conc: 188.39 ng/ml



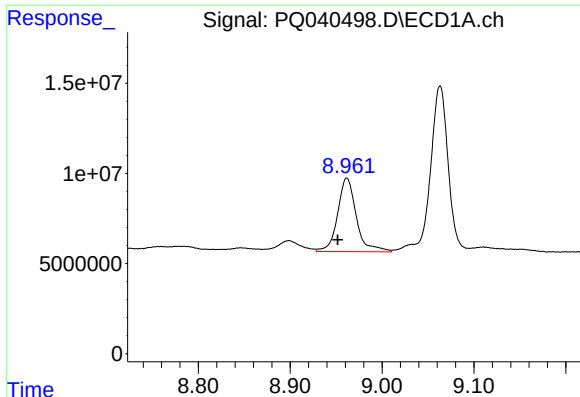
#28 AR-1254-3

R.T.: 8.635 min
Delta R.T.: -0.015 min
Response: 44775570
Conc: 150.87 ng/ml



#28 AR-1254-3

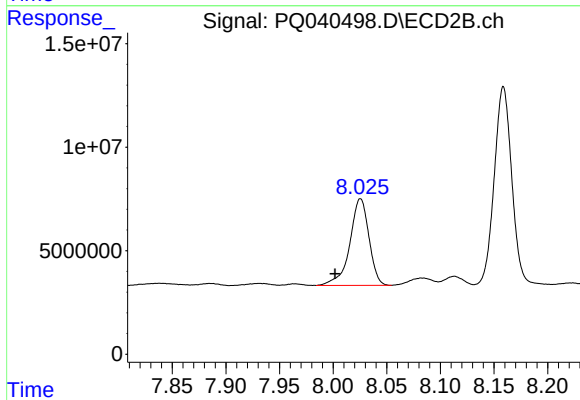
R.T.: 7.753 min
Delta R.T.: 0.001 min
Response: 36775335
Conc: 127.26 ng/ml



#29 AR-1254-4

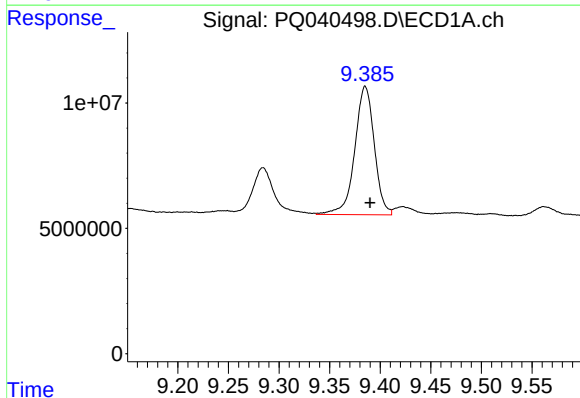
R.T.: 8.962 min
Delta R.T.: 0.010 min
Response: 57781691
Conc: 278.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



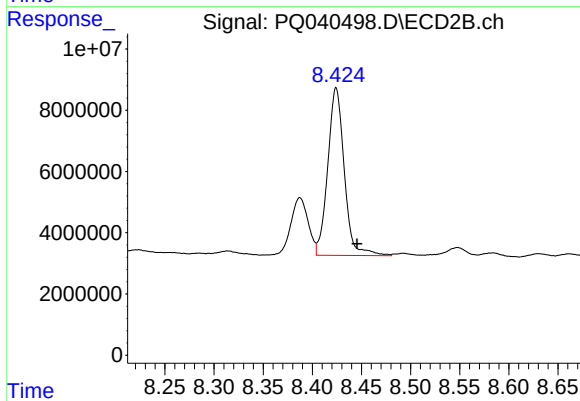
#29 AR-1254-4

R.T.: 8.025 min
Delta R.T.: 0.023 min
Response: 51989787
Conc: 291.18 ng/ml



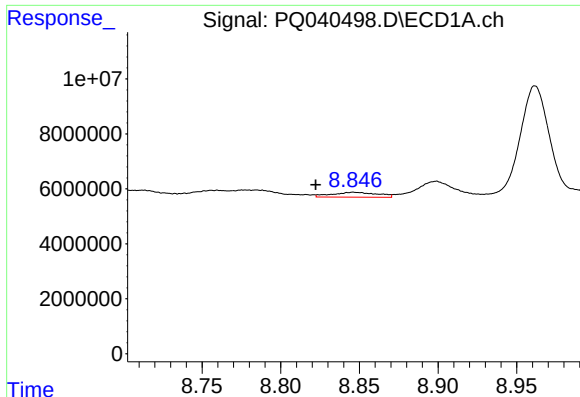
#30 AR-1254-5

R.T.: 9.385 min
Delta R.T.: -0.005 min
Response: 68697154
Conc: 238.54 ng/ml



#30 AR-1254-5

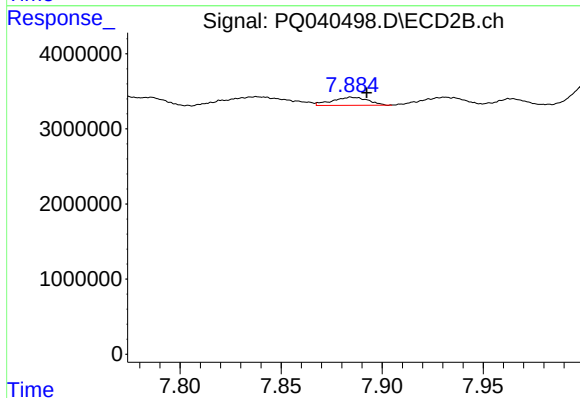
R.T.: 8.424 min
Delta R.T.: -0.021 min
Response: 64128316
Conc: 248.92 ng/ml



#31 AR-1260-1

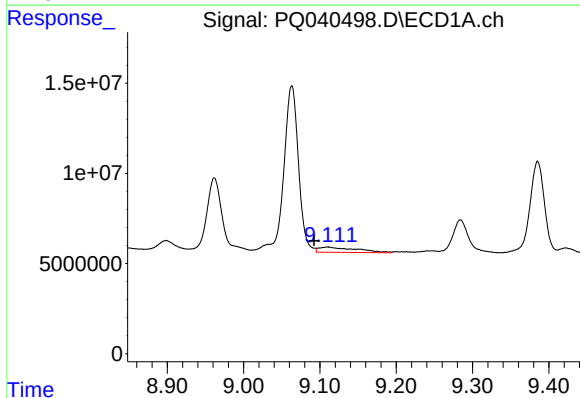
R.T.: 8.846 min
Delta R.T.: 0.024 min
Response: 3566397
Conc: 10.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



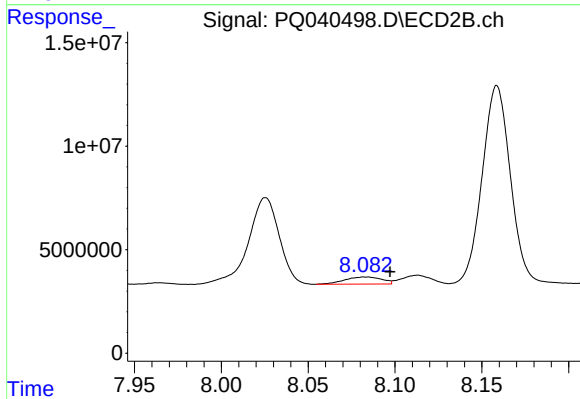
#31 AR-1260-1

R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 1322221
Conc: 4.82 ng/ml



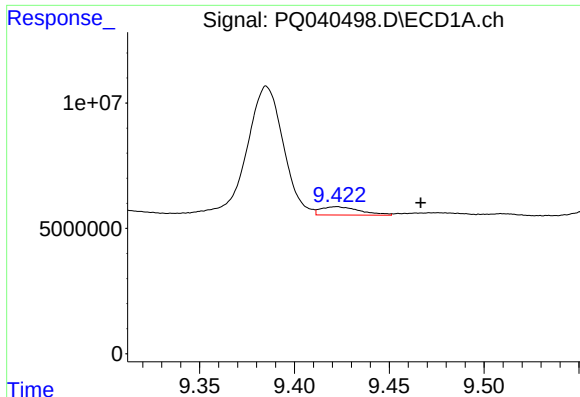
#32 AR-1260-2

R.T.: 9.110 min
Delta R.T.: 0.018 min
Response: 9953838
Conc: 24.64 ng/ml



#32 AR-1260-2

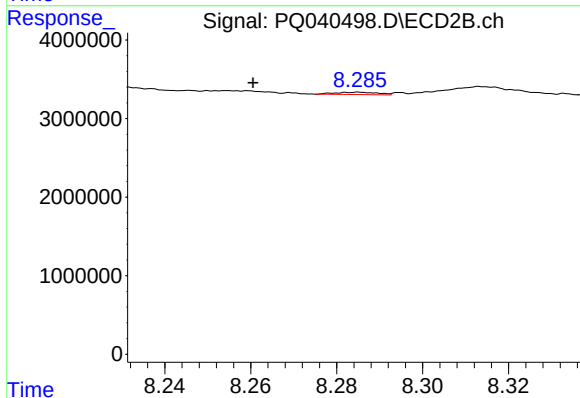
R.T.: 8.083 min
Delta R.T.: -0.014 min
Response: 5112789
Conc: 14.78 ng/ml



#33 AR-1260-3

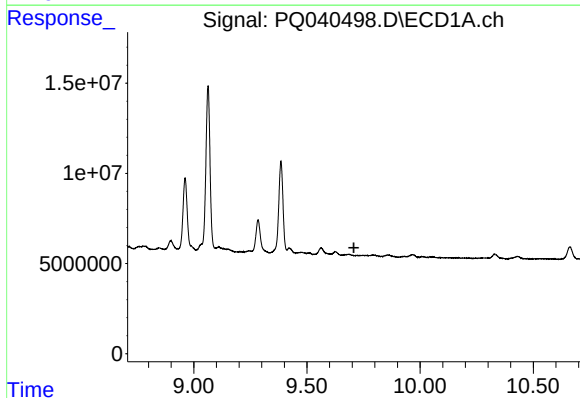
R.T.: 9.422 min
Delta R.T.: -0.044 min
Response: 4737232
Conc: 14.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



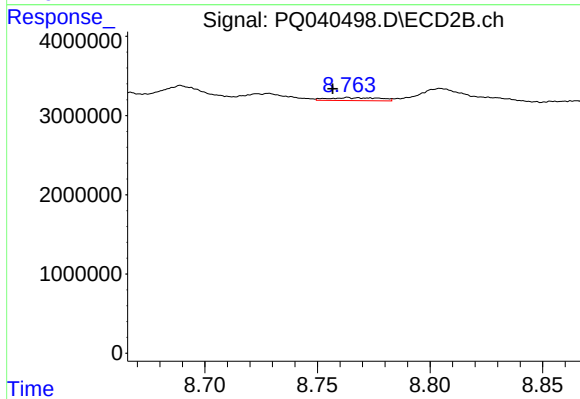
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: 0.024 min
Response: 202410
Conc: 0.63 ng/ml



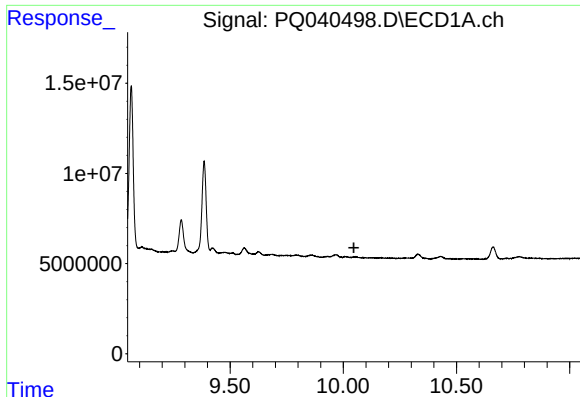
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

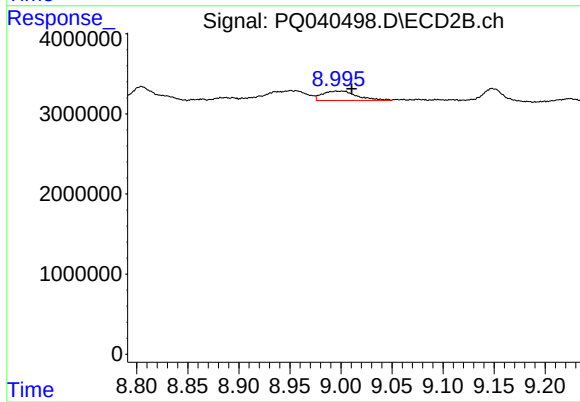
R.T.: 8.764 min
Delta R.T.: 0.008 min
Response: 593030
Conc: 2.18 ng/ml



#35 AR-1260-5

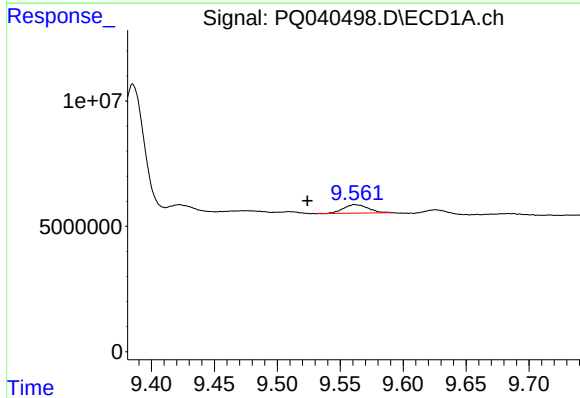
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN24



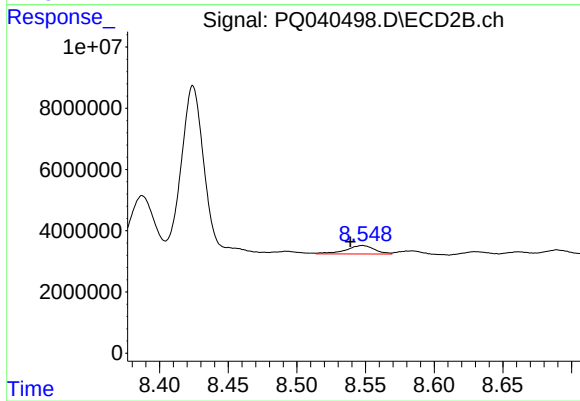
#35 AR-1260-5

R.T.: 9.000 min
Delta R.T.: -0.011 min
Response: 2757475
Conc: 4.10 ng/ml



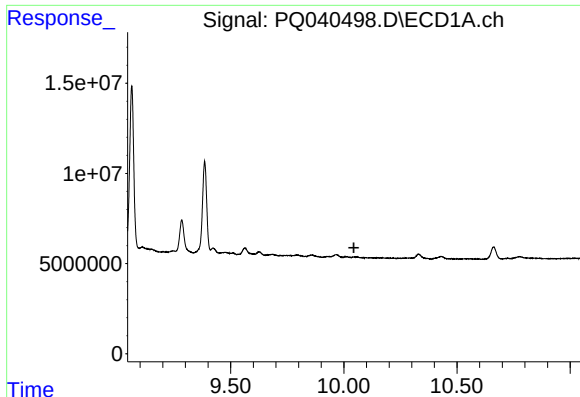
#36 AR-1262-1

R.T.: 9.562 min
Delta R.T.: 0.038 min
Response: 2868799
Conc: 20.64 ng/ml



#36 AR-1262-1

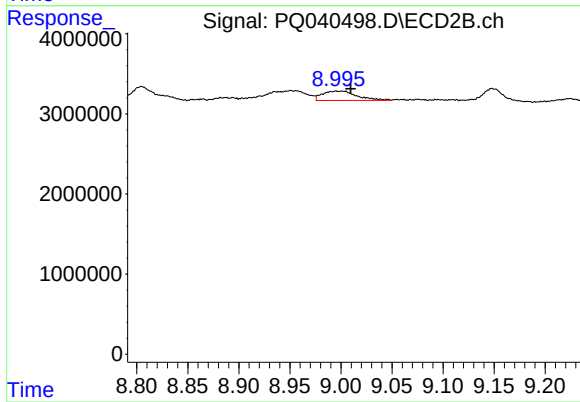
R.T.: 8.548 min
Delta R.T.: 0.008 min
Response: 3993972
Conc: 35.17 ng/ml



#37 AR-1262-2

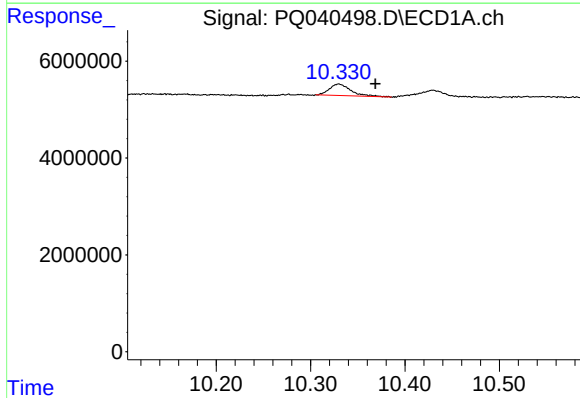
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETN24



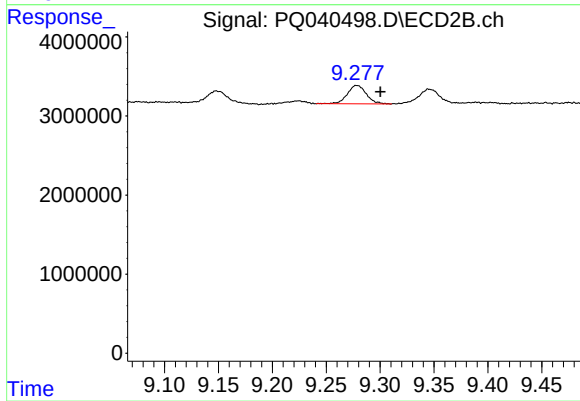
#37 AR-1262-2

R.T.: 9.000 min
Delta R.T.: -0.010 min
Response: 2757475
Conc: 5.56 ng/ml



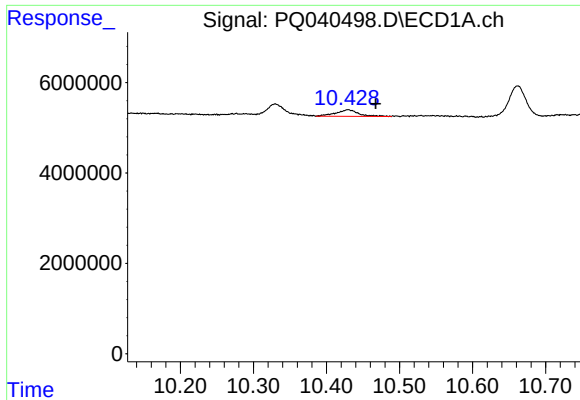
#38 AR-1262-3

R.T.: 10.330 min
Delta R.T.: -0.039 min
Response: 3769472
Conc: 8.92 ng/ml



#38 AR-1262-3

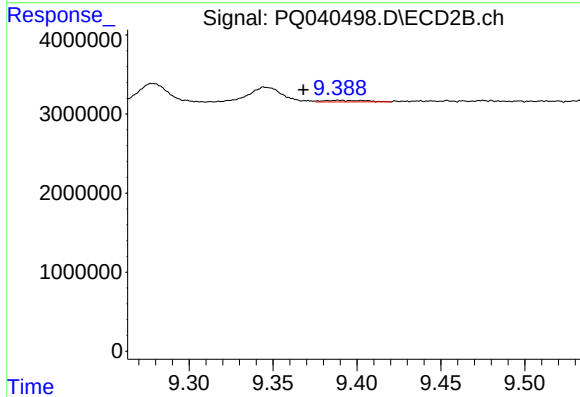
R.T.: 9.279 min
Delta R.T.: -0.022 min
Response: 2862939
Conc: 13.62 ng/ml



#39 AR-1262-4

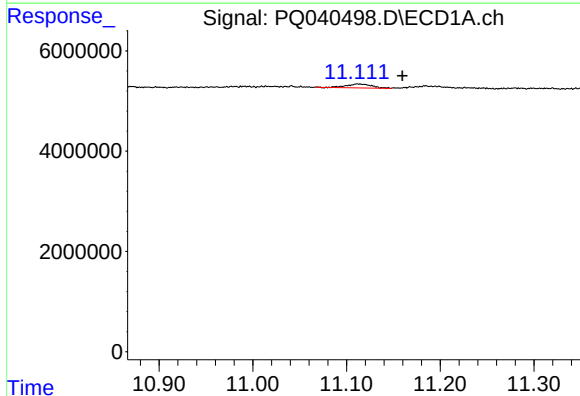
R.T.: 10.430 min
Delta R.T.: -0.038 min
Response: 3043054
Conc: 8.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



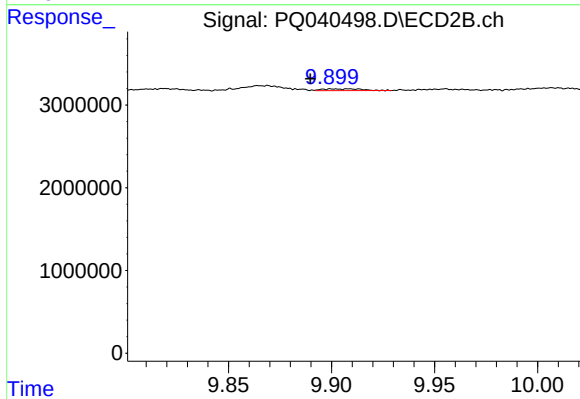
#39 AR-1262-4

R.T.: 9.389 min
Delta R.T.: 0.021 min
Response: 335615
Conc: 0.89 ng/ml



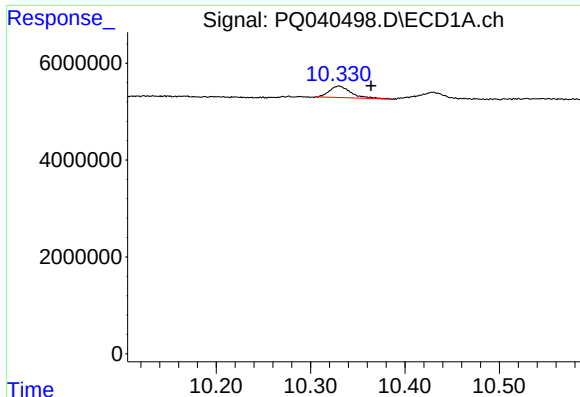
#40 AR-1262-5

R.T.: 11.113 min
Delta R.T.: -0.046 min
Response: 1490706
Conc: 6.34 ng/ml



#40 AR-1262-5

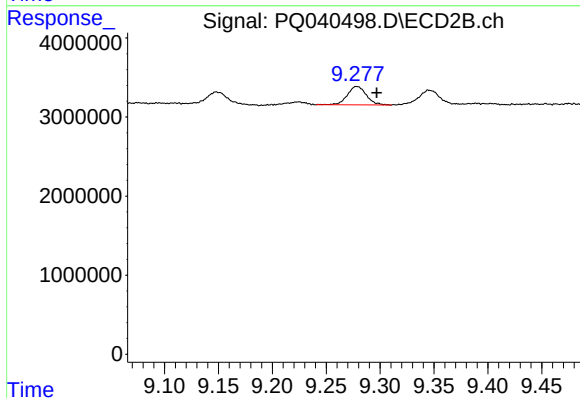
R.T.: 9.909 min
Delta R.T.: 0.019 min
Response: 271855
Conc: 1.68 ng/ml



#41 AR-1268-1

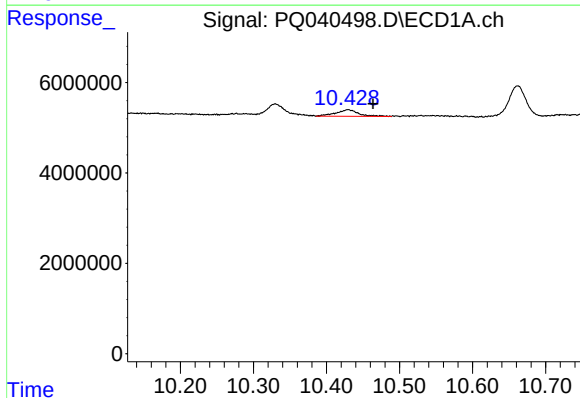
R.T.: 10.330 min
Delta R.T.: -0.034 min
Response: 3769472
Conc: 6.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



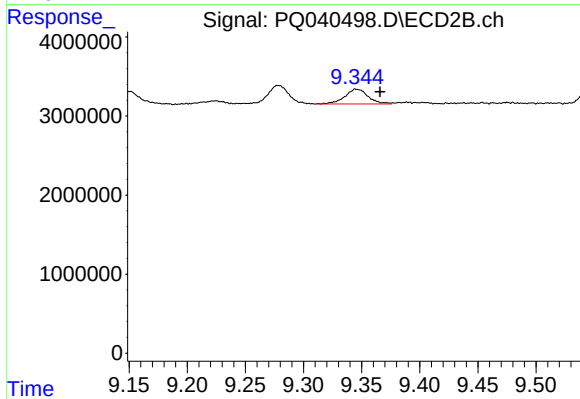
#41 AR-1268-1

R.T.: 9.279 min
Delta R.T.: -0.018 min
Response: 2862939
Conc: 6.27 ng/ml



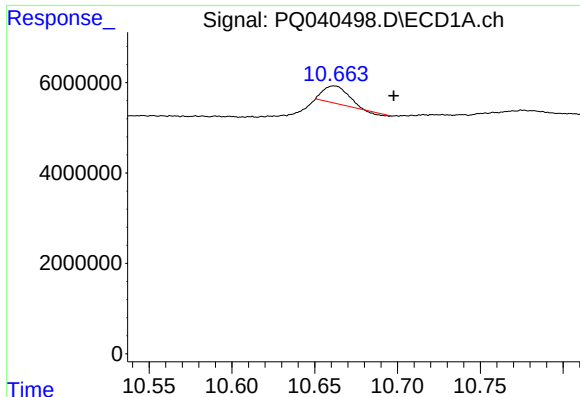
#42 AR-1268-2

R.T.: 10.430 min
Delta R.T.: -0.034 min
Response: 3043054
Conc: 4.95 ng/ml



#42 AR-1268-2

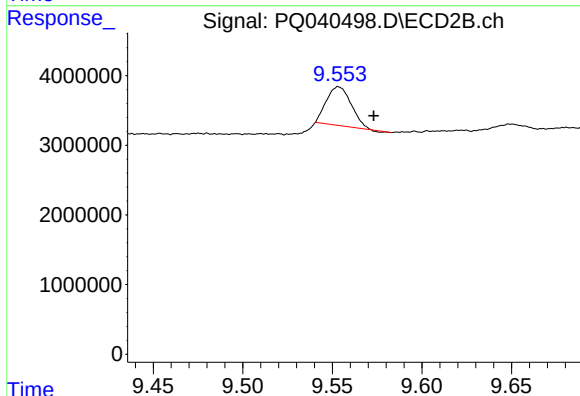
R.T.: 9.346 min
Delta R.T.: -0.020 min
Response: 2592454
Conc: 5.93 ng/ml



#43 AR-1268-3

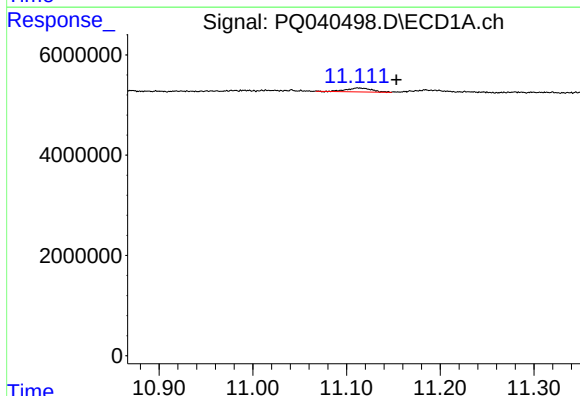
R.T.: 10.662 min
Delta R.T.: -0.036 min
Response: 3790400
Conc: 6.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



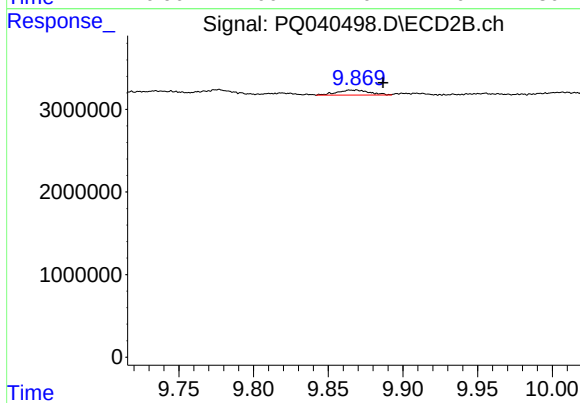
#43 AR-1268-3

R.T.: 9.553 min
Delta R.T.: -0.020 min
Response: 5315745
Conc: 14.16 ng/ml



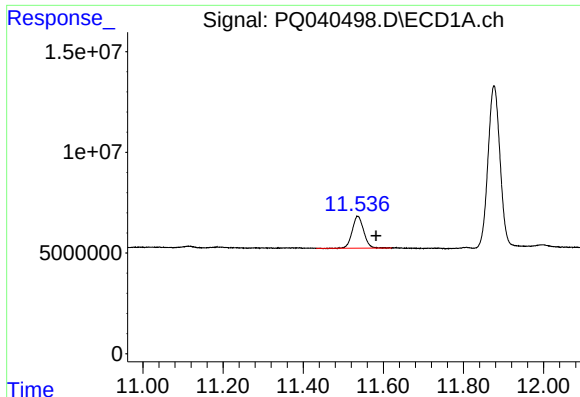
#44 AR-1268-4

R.T.: 11.113 min
Delta R.T.: -0.040 min
Response: 1490706
Conc: 7.31 ng/ml



#44 AR-1268-4

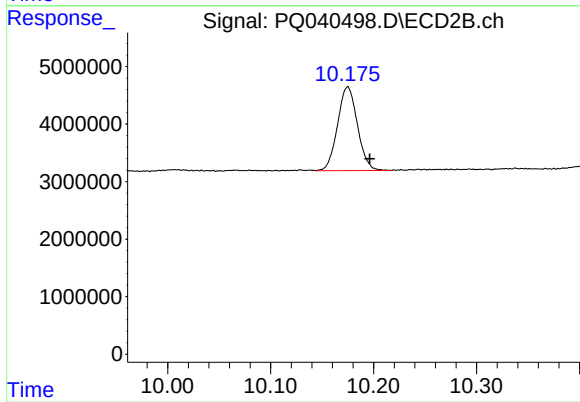
R.T.: 9.867 min
Delta R.T.: -0.020 min
Response: 922636
Conc: 6.70 ng/ml



#45 AR-1268-5

R.T.: 11.536 min
Delta R.T.: -0.046 min
Response: 31167267
Conc: 16.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETN24



#45 AR-1268-5

R.T.: 10.175 min
Delta R.T.: -0.021 min
Response: 19534385
Conc: 16.55 ng/ml