

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
 Data File : PQ042770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 01:48
 Operator : SM\AJ
 Sample : K4484-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ61

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 05:27:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.625	4.689	65751428	59758766	22.151	23.845
2)	SA Decachlor...	11.975	10.417	175.0E6	148.2E6	23.180	24.262
Target Compounds							
3)	L1 AR-1016-1	7.070	6.139	5082313	4903865	41.765	42.586
4)	L1 AR-1016-2	7.097	6.160	6102205	9220278	33.157	57.437 #
5)	L1 AR-1016-3	7.169	6.373	266861	5351171	2.146	62.410 #
6)	L1 AR-1016-4	7.277	6.428	5618152	20050279	63.580	277.670 #
7)	L1 AR-1016-5	7.613	6.679	17861454	19098733	211.204	213.236
9)	L2 AR-1221-2	6.019	5.102	654883	26388	26.880	1.097 #
12)	L3 AR-1232-2	6.756	6.160	5881462	9220278	159.787	120.700
13)	L3 AR-1232-3	7.097	6.373	6102205	5351171	72.996	131.881 #
14)	L3 AR-1232-4	7.277	6.476	5618152	16901543	137.791	424.850 #
15)	L3 AR-1232-5	7.385	6.679	17705396	19098733	723.880	481.620 #
16)	L4 AR-1242-1	7.070	6.139	5082313	4903865	48.699	47.472
17)	L4 AR-1242-2	7.097	6.160	6102205	9220278	40.061	65.065 #
18)	L4 AR-1242-3	7.169	6.373	266861	5351171	2.618	70.705 #
19)	L4 AR-1242-4	7.277	6.476	5618152	16901543	73.048	220.720 #
20)	L4 AR-1242-5	8.102	7.088	33132845	40133120	351.152	358.025
21)	L5 AR-1248-1	7.070	6.139	5082313	4903865	60.956	59.657
22)	L5 AR-1248-2	7.385	6.428	17705396	20050279	173.361	182.005
23)	L5 AR-1248-3	7.613	6.476	17861454	16901543	140.753	149.975
24)	L5 AR-1248-4	8.060	6.679	25398590	19098733	153.212	139.798
25)	L5 AR-1248-5	8.102	7.134	33132845	35377522	208.108	224.727
26)	L6 AR-1254-1	8.029	7.088	20875037	40133120	142.269	177.859 #
27)	L6 AR-1254-2	8.271	7.256	41906809	19776295	174.703	97.803 #
28)	L6 AR-1254-3	8.664	7.703	33691243	44608364	118.177	126.676
29)	L6 AR-1254-4	8.966	7.952	16683456	21403946	69.971	83.411
30)	L6 AR-1254-5	9.404	8.397	16042560	25930569	62.133	71.362
31)	L7 AR-1260-1	8.834	7.845	5820154	23087577	33.014	113.159 #
32)	L7 AR-1260-2	9.103	8.048	39417165	13168318	163.993	49.158 #
33)	L7 AR-1260-3	9.479	8.211	5412918	9113514	25.036	38.234 #
34)	L7 AR-1260-4	9.717	8.709	8853775	6383618	36.461	28.157
35)	L7 AR-1260-5	10.061	8.961	12877633	15746885	21.692	25.285
36)	L8 AR-1262-1	9.544	8.493	1309344	4723865	9.084	27.596 #
37)	L8 AR-1262-2	10.061	8.961	12877633	15746885	17.116	18.850
38)	L8 AR-1262-3	10.393	9.253	1869509	4730880	3.476	13.310 #
39)	L8 AR-1262-4	10.488	9.319	1281015	11375842	2.947	17.642 #
40)	L8 AR-1262-5	11.186	9.838	2589219	3481238	7.549	11.005 #
41)	L9 AR-1268-1	10.393	9.253	1869509	4730880	1.955	4.713 #
42)	L9 AR-1268-2	10.488	9.319	1281015	11375842	1.375	12.115 #
43)	L9 AR-1268-3	0.000	9.527	0	4207970	N.D.	5.283 #
44)	L9 AR-1268-4	11.186	9.838	2589219	3481238	6.978	10.172 #
45)	L9 AR-1268-5	11.629	10.149	342055	1557379	0.121	0.608 #

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Acq On : 23 Aug 2019 01:48
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Sample : K4484-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETQ61

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 05:27:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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

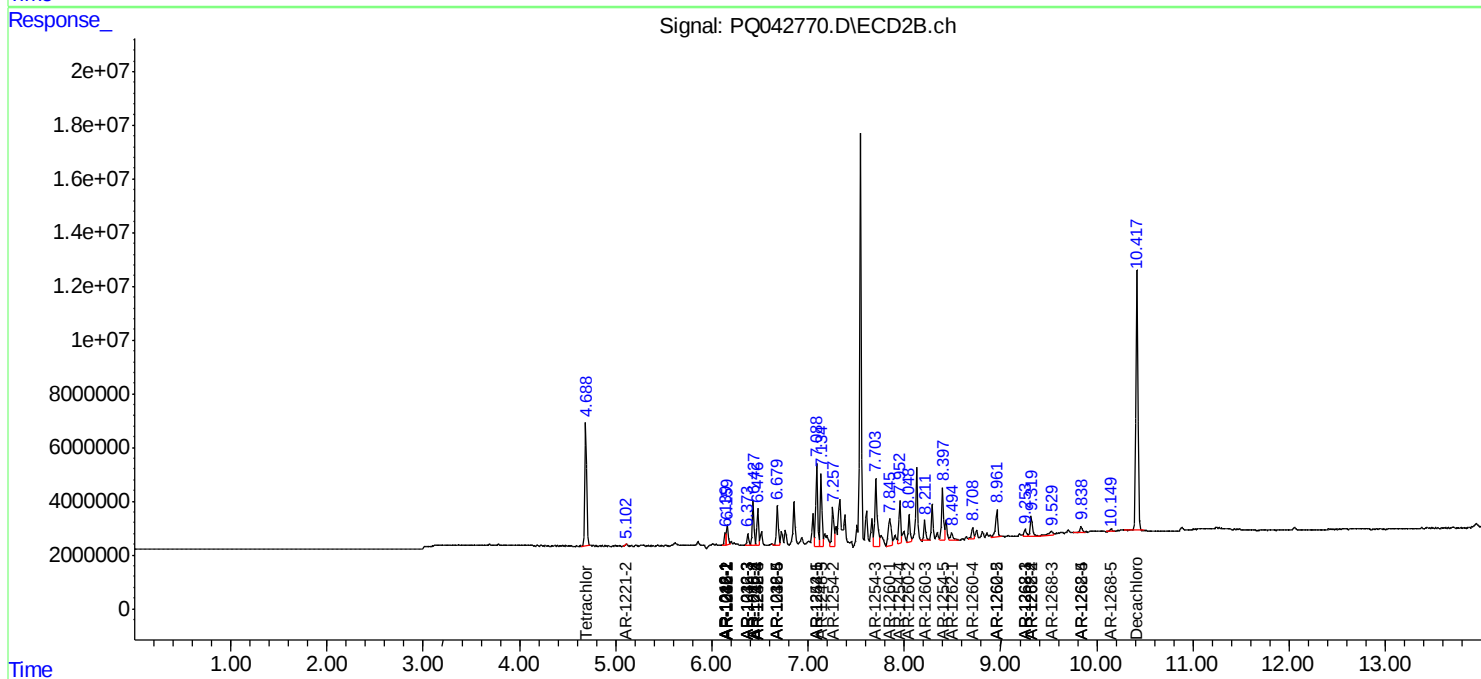
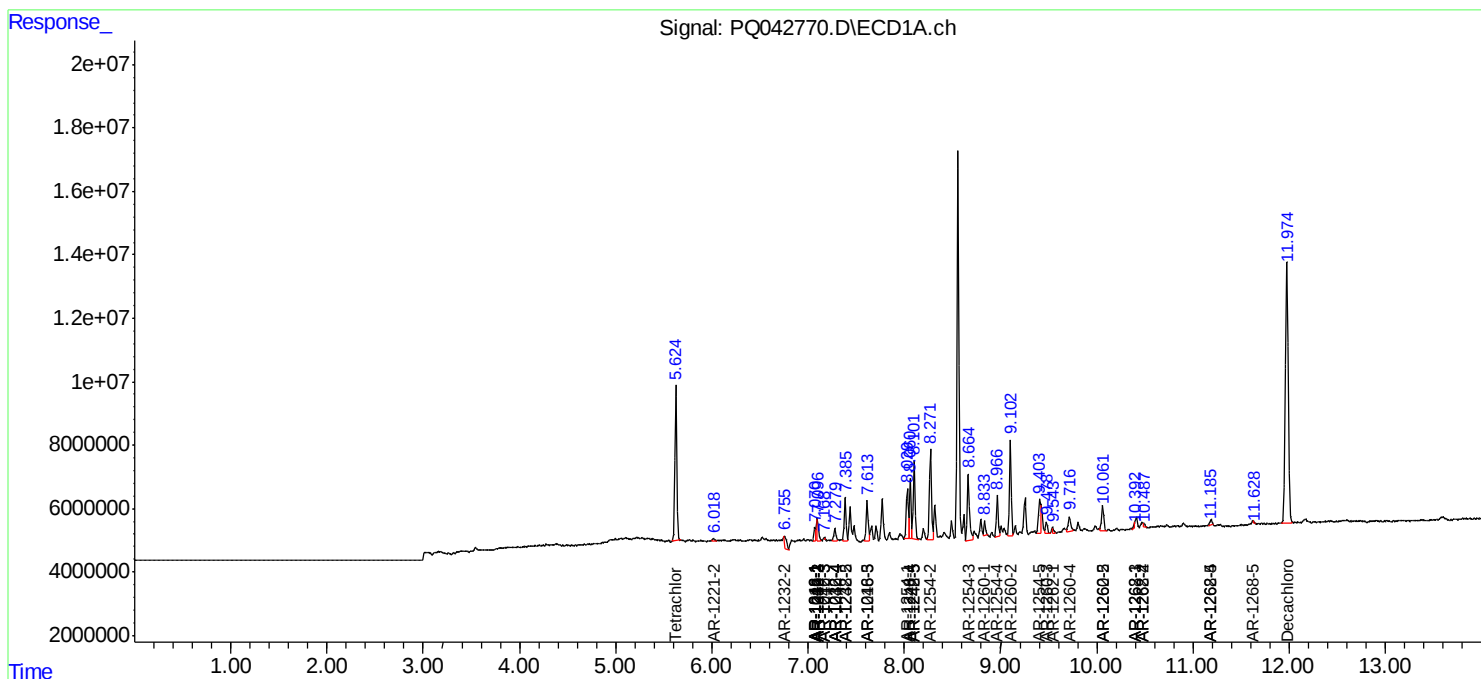
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

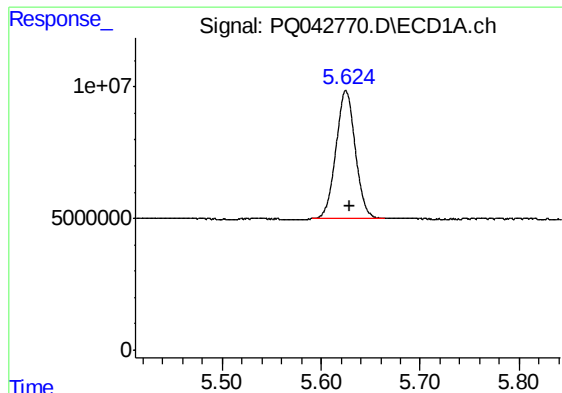
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082319\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

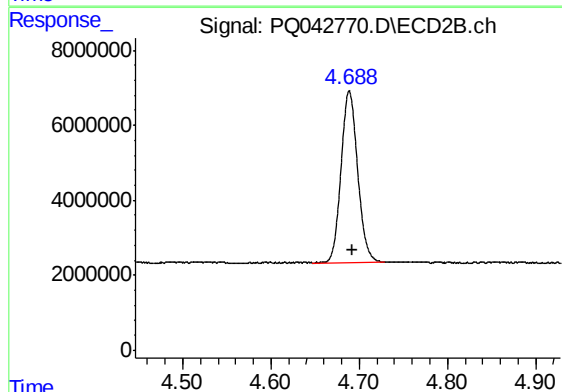




#1 Tetrachloro-m-xylene

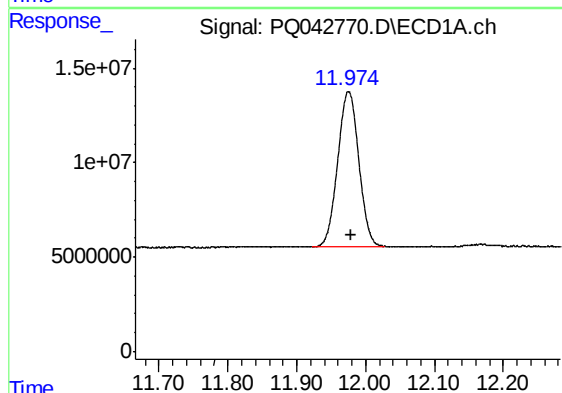
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 65751428
Conc: 22.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



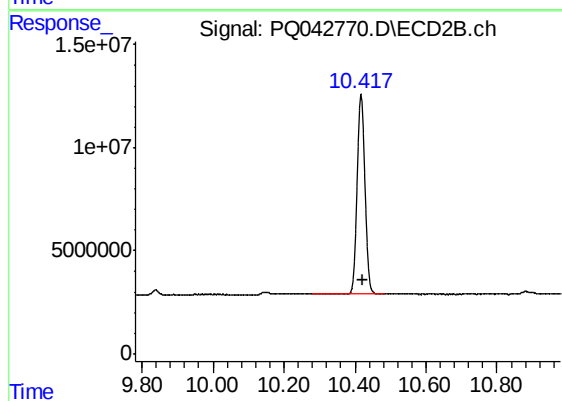
#1 Tetrachloro-m-xylene

R.T.: 4.689 min
Delta R.T.: -0.003 min
Response: 59758766
Conc: 23.85 ng/ml



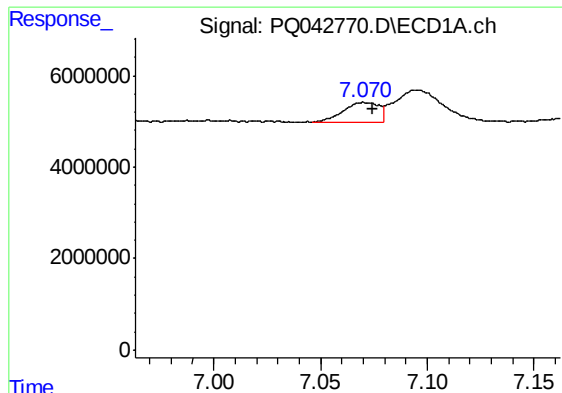
#2 Decachlorobiphenyl

R.T.: 11.975 min
Delta R.T.: -0.003 min
Response: 174975545
Conc: 23.18 ng/ml



#2 Decachlorobiphenyl

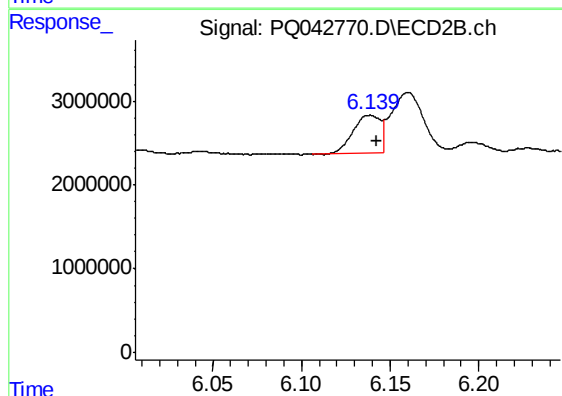
R.T.: 10.417 min
Delta R.T.: -0.005 min
Response: 148155304
Conc: 24.26 ng/ml



#3 AR-1016-1

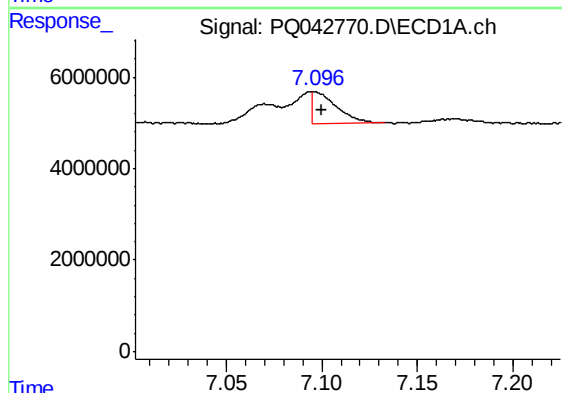
R.T.: 7.070 min
Delta R.T.: -0.005 min
Response: 5082313
Conc: 41.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



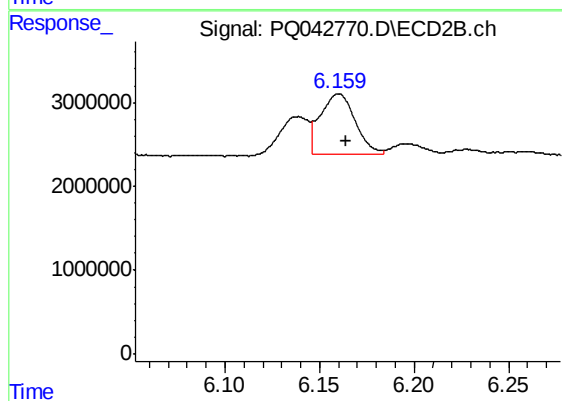
#3 AR-1016-1

R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 4903865
Conc: 42.59 ng/ml



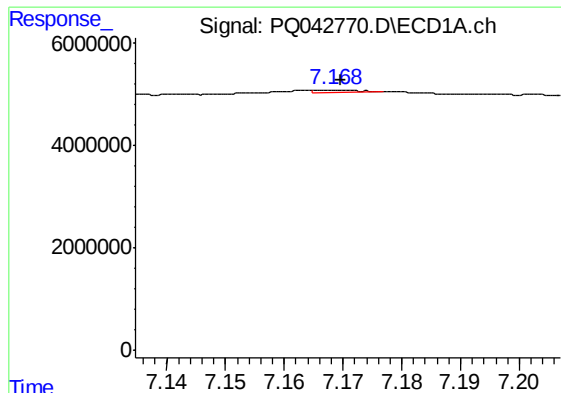
#4 AR-1016-2

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 6102205
Conc: 33.16 ng/ml



#4 AR-1016-2

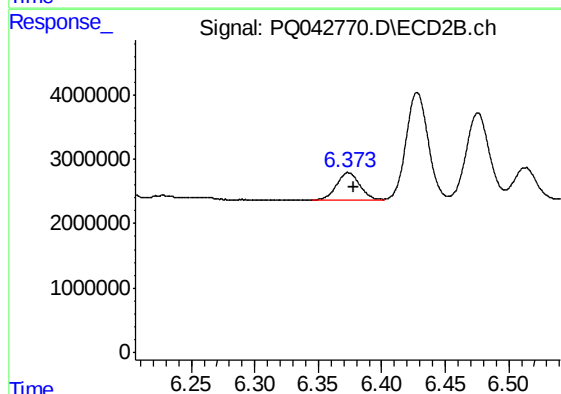
R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 9220278
Conc: 57.44 ng/ml



#5 AR-1016-3

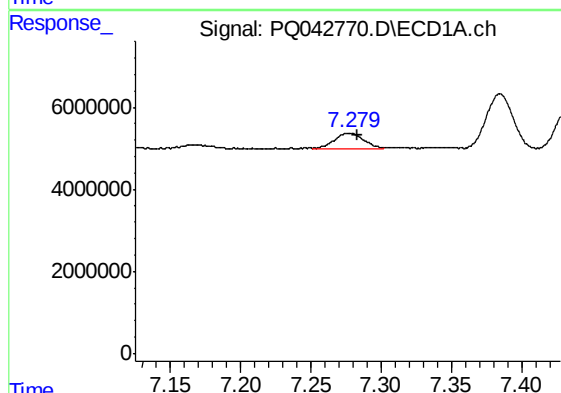
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 266861
Conc: 2.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



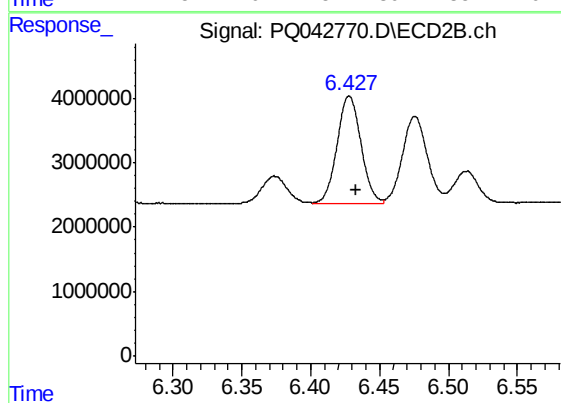
#5 AR-1016-3

R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 5351171
Conc: 62.41 ng/ml



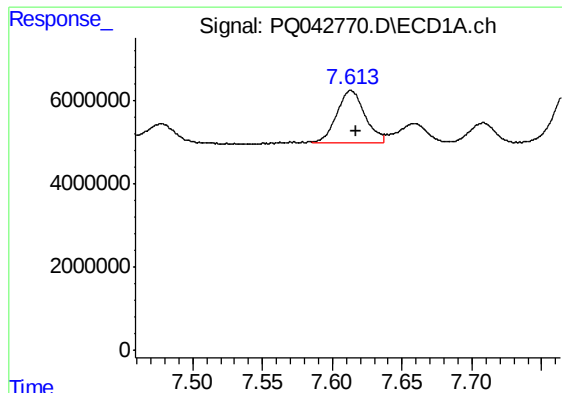
#6 AR-1016-4

R.T.: 7.277 min
Delta R.T.: -0.007 min
Response: 5618152
Conc: 63.58 ng/ml



#6 AR-1016-4

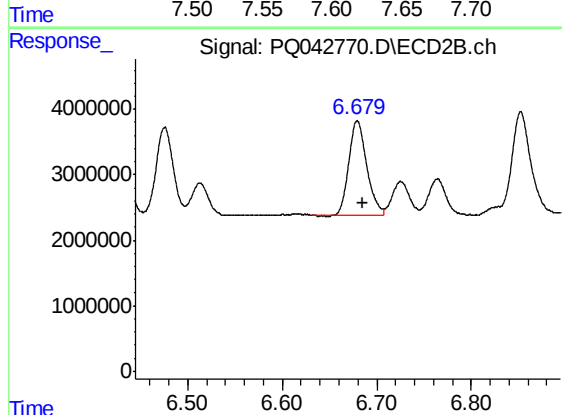
R.T.: 6.428 min
Delta R.T.: -0.005 min
Response: 20050279
Conc: 277.67 ng/ml



#7 AR-1016-5

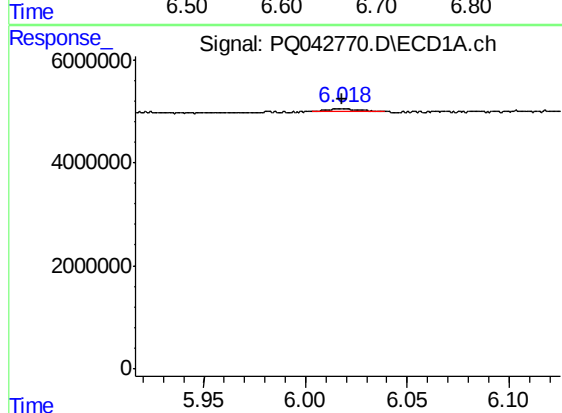
R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 17861454
Conc: 211.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



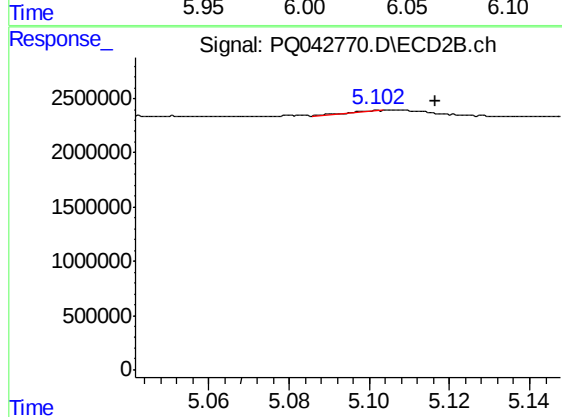
#7 AR-1016-5

R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 19098733
Conc: 213.24 ng/ml



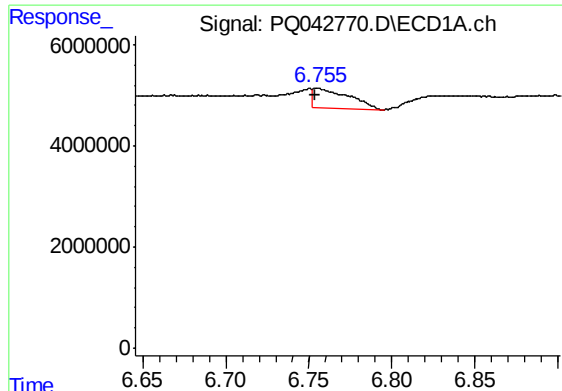
#9 AR-1221-2

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 654883
Conc: 26.88 ng/ml



#9 AR-1221-2

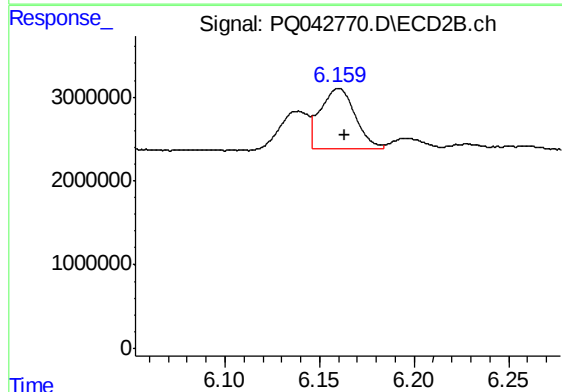
R.T.: 5.102 min
Delta R.T.: -0.015 min
Response: 26388
Conc: 1.10 ng/ml



#12 AR-1232-2

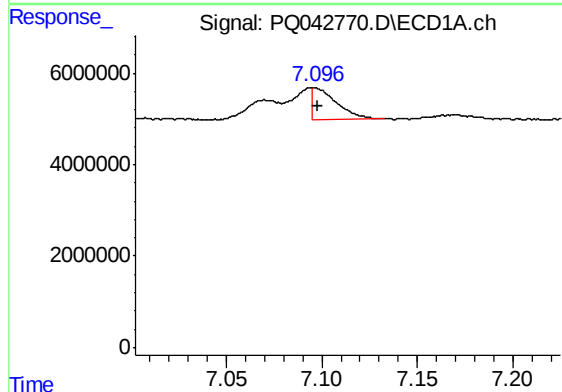
R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 5881462
Conc: 159.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



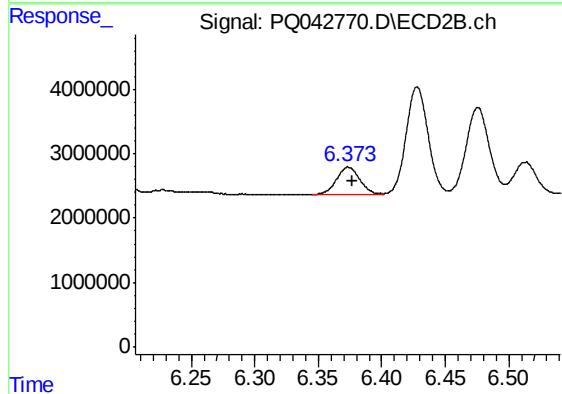
#12 AR-1232-2

R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 9220278
Conc: 120.70 ng/ml



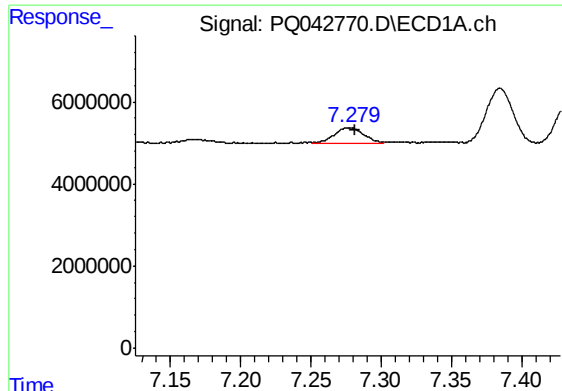
#13 AR-1232-3

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 6102205
Conc: 73.00 ng/ml



#13 AR-1232-3

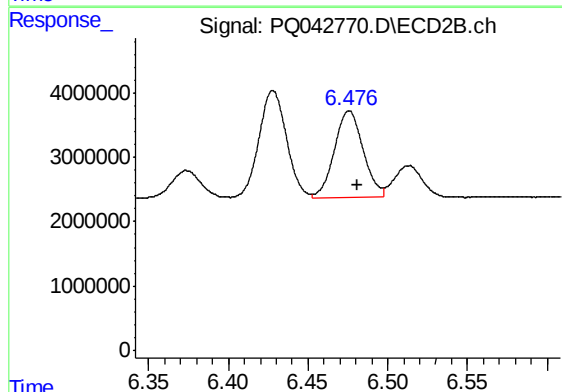
R.T.: 6.373 min
Delta R.T.: -0.003 min
Response: 5351171
Conc: 131.88 ng/ml



#14 AR-1232-4

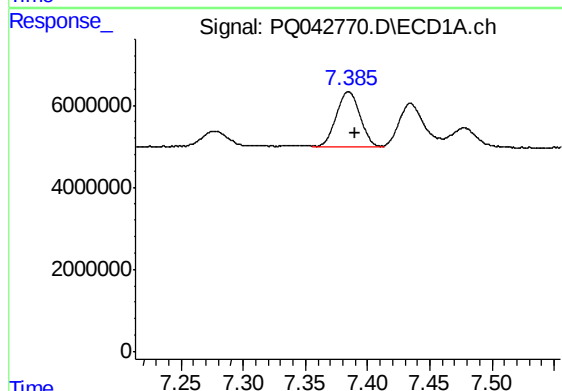
R.T.: 7.277 min
Delta R.T.: -0.004 min
Response: 5618152
Conc: 137.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



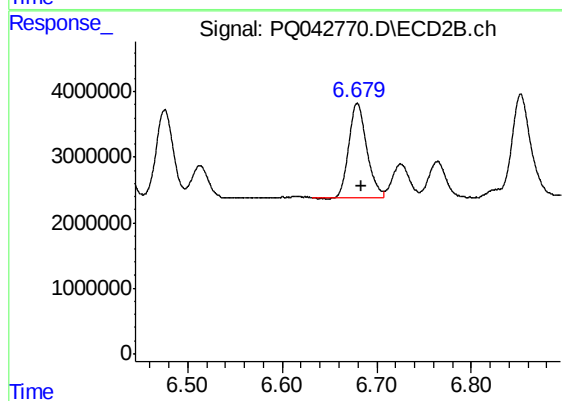
#14 AR-1232-4

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 16901543
Conc: 424.85 ng/ml



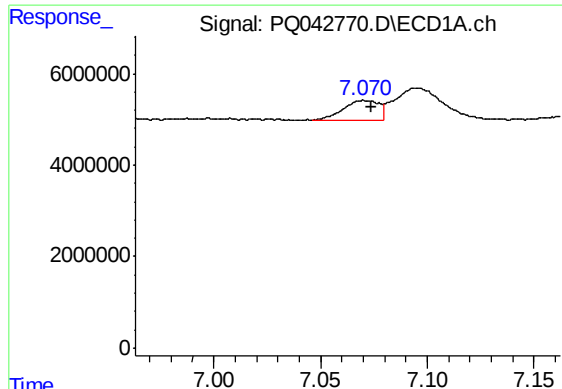
#15 AR-1232-5

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 17705396
Conc: 723.88 ng/ml



#15 AR-1232-5

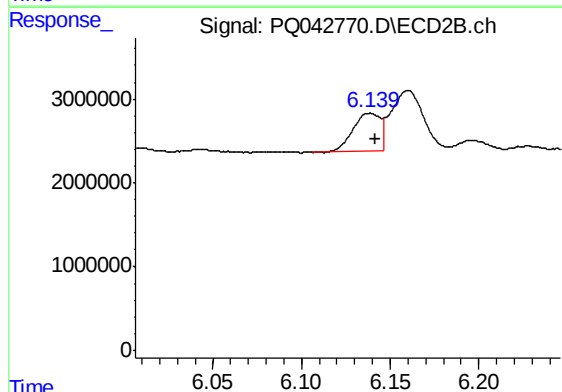
R.T.: 6.679 min
Delta R.T.: -0.004 min
Response: 19098733
Conc: 481.62 ng/ml



#16 AR-1242-1

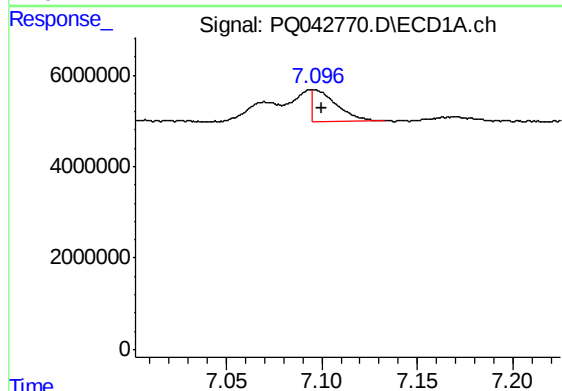
R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 5082313
Conc: 48.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



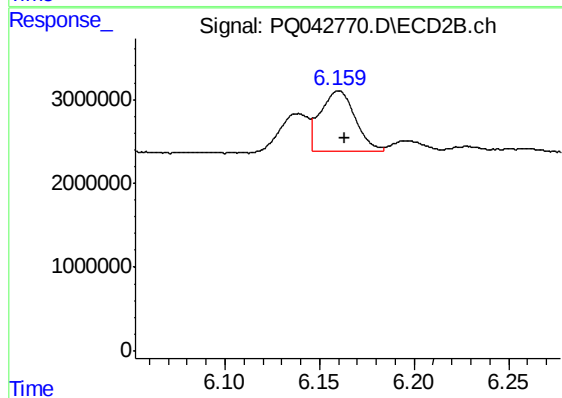
#16 AR-1242-1

R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 4903865
Conc: 47.47 ng/ml



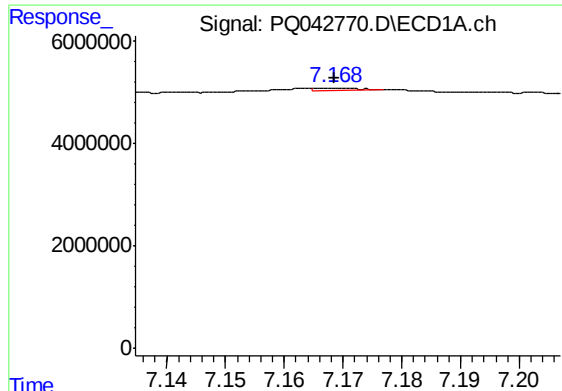
#17 AR-1242-2

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 6102205
Conc: 40.06 ng/ml



#17 AR-1242-2

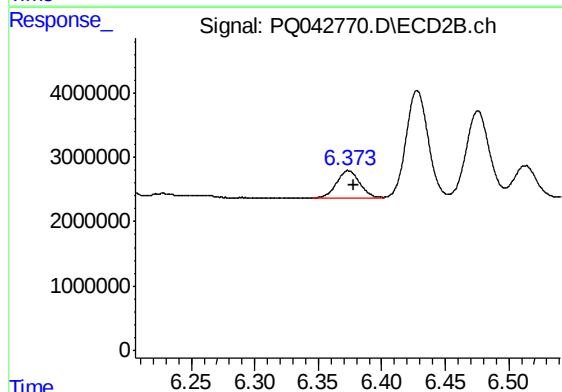
R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 9220278
Conc: 65.06 ng/ml



#18 AR-1242-3

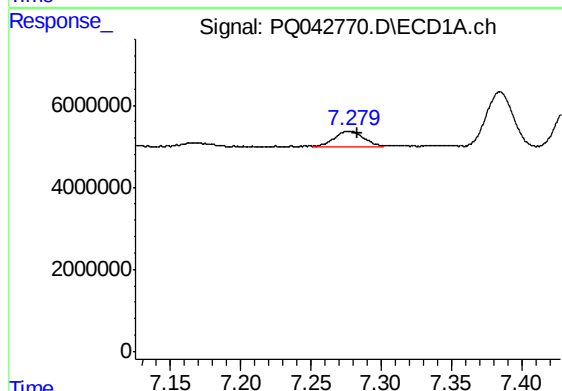
R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 266861
Conc: 2.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



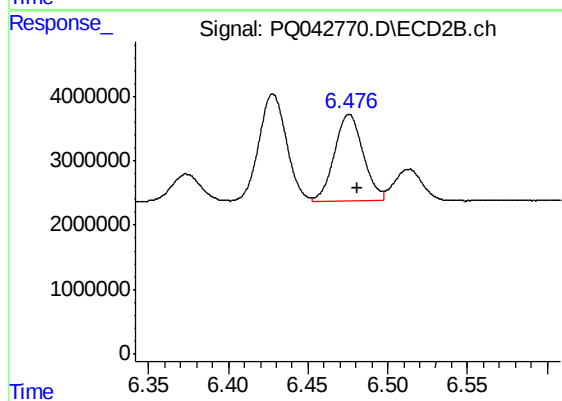
#18 AR-1242-3

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 5351171
Conc: 70.71 ng/ml



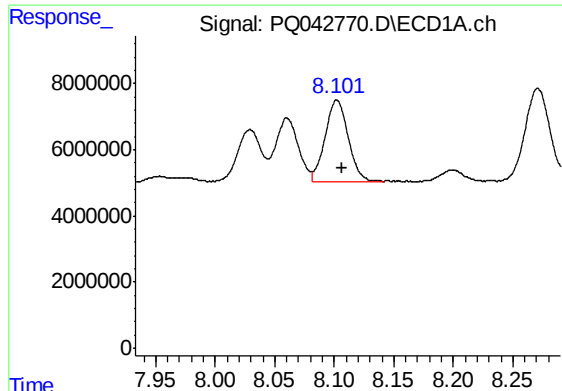
#19 AR-1242-4

R.T.: 7.277 min
Delta R.T.: -0.006 min
Response: 5618152
Conc: 73.05 ng/ml



#19 AR-1242-4

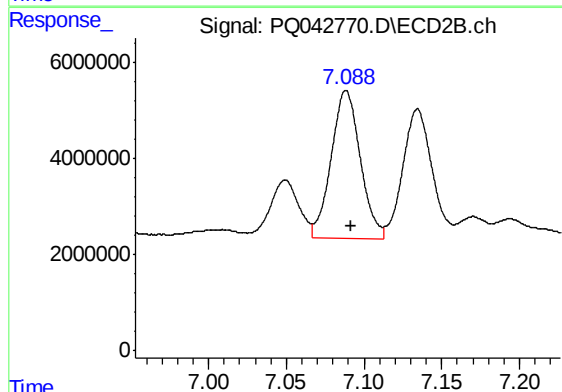
R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 16901543
Conc: 220.72 ng/ml



#20 AR-1242-5

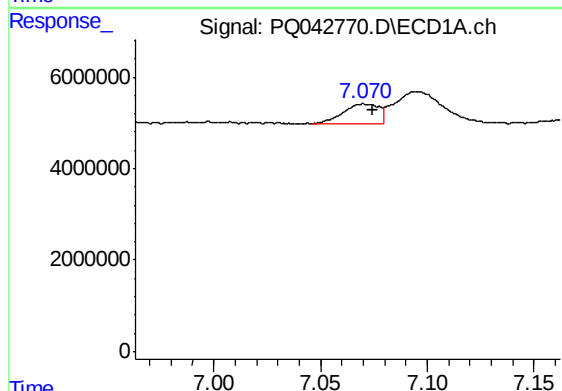
R.T.: 8.102 min
Delta R.T.: -0.005 min
Response: 33132845
Conc: 351.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



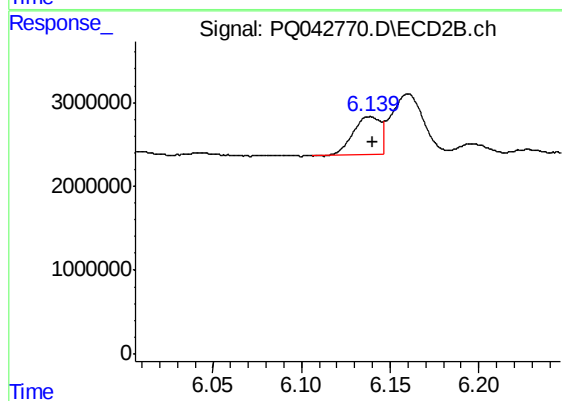
#20 AR-1242-5

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 40133120
Conc: 358.02 ng/ml



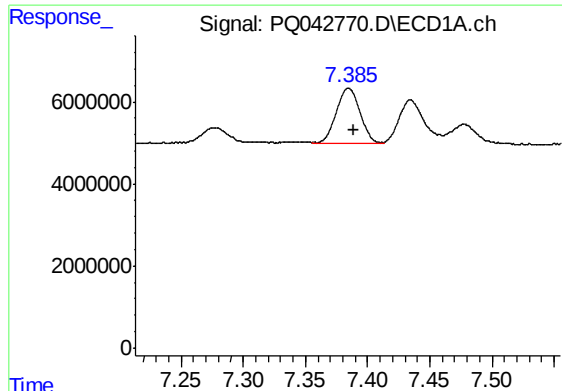
#21 AR-1248-1

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 5082313
Conc: 60.96 ng/ml



#21 AR-1248-1

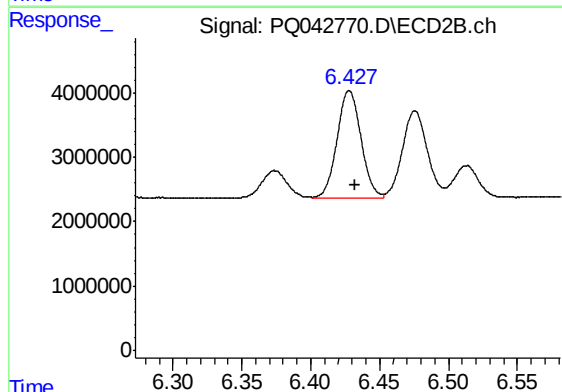
R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 4903865
Conc: 59.66 ng/ml



#22 AR-1248-2

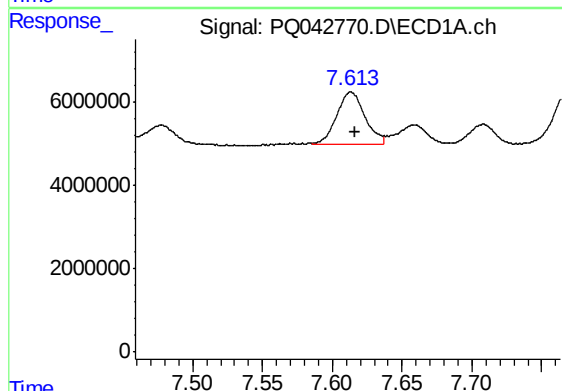
R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 17705396
Conc: 173.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



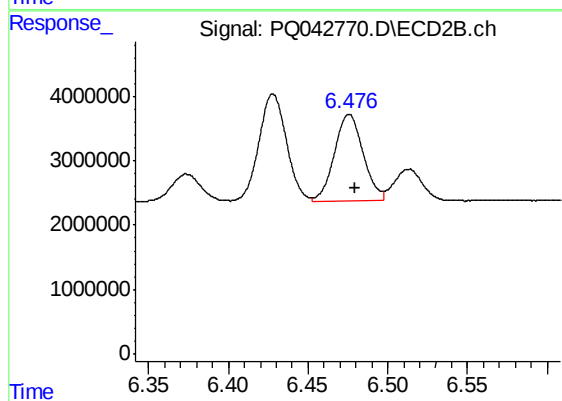
#22 AR-1248-2

R.T.: 6.428 min
Delta R.T.: -0.004 min
Response: 20050279
Conc: 182.00 ng/ml



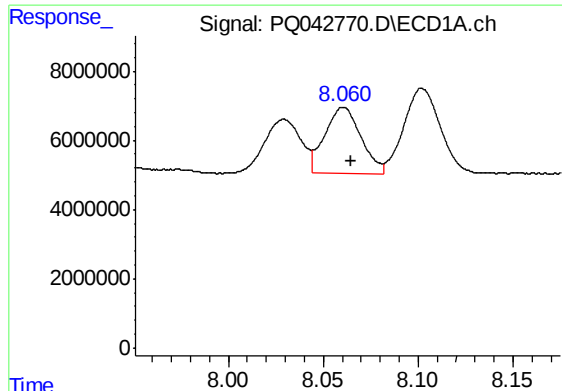
#23 AR-1248-3

R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 17861454
Conc: 140.75 ng/ml



#23 AR-1248-3

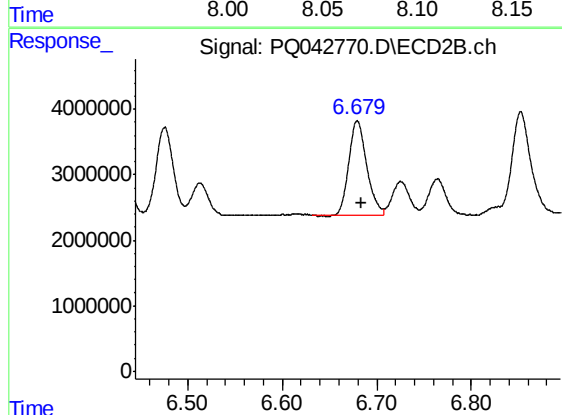
R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 16901543
Conc: 149.97 ng/ml



#24 AR-1248-4

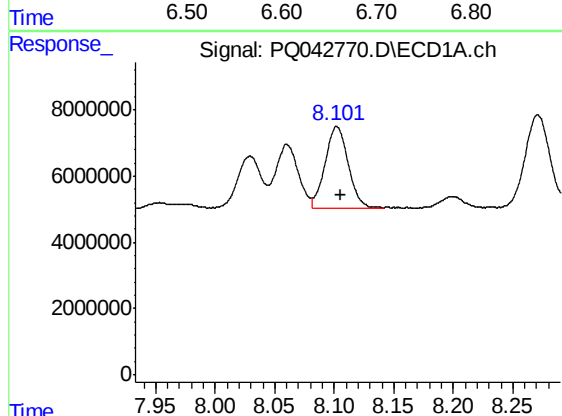
R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 25398590
Conc: 153.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



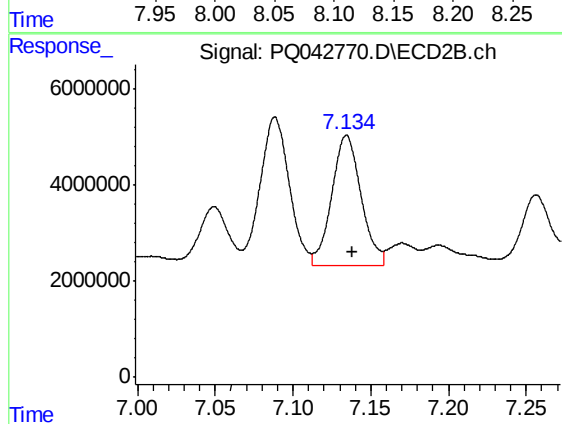
#24 AR-1248-4

R.T.: 6.679 min
Delta R.T.: -0.004 min
Response: 19098733
Conc: 139.80 ng/ml



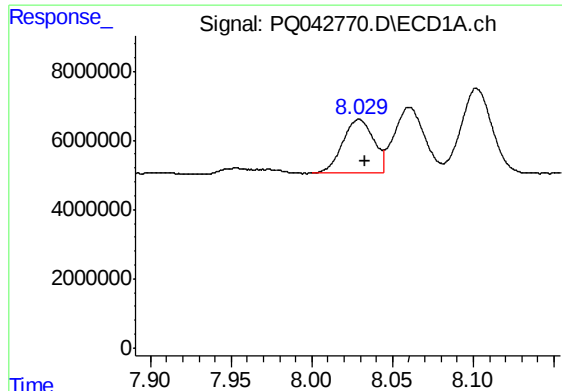
#25 AR-1248-5

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 33132845
Conc: 208.11 ng/ml



#25 AR-1248-5

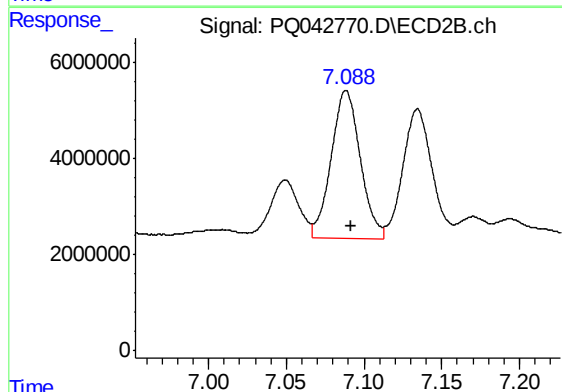
R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 35377522
Conc: 224.73 ng/ml



#26 AR-1254-1

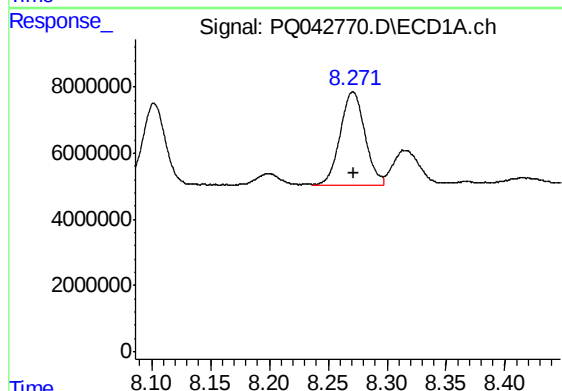
R.T.: 8.029 min
Delta R.T.: -0.004 min
Response: 20875037
Conc: 142.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



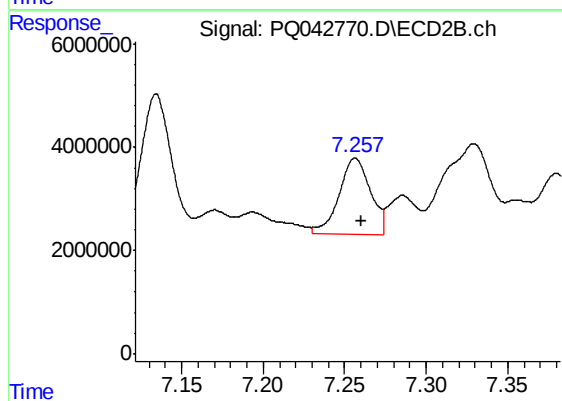
#26 AR-1254-1

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 40133120
Conc: 177.86 ng/ml



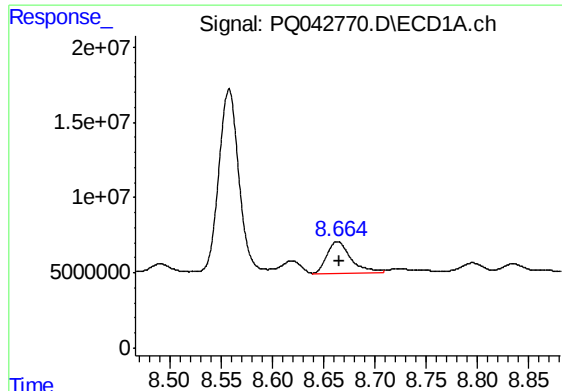
#27 AR-1254-2

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 41906809
Conc: 174.70 ng/ml



#27 AR-1254-2

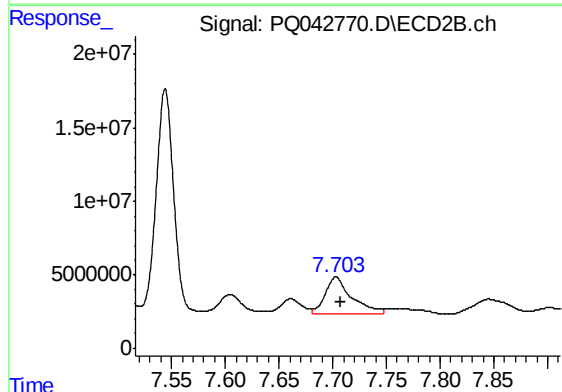
R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 19776295
Conc: 97.80 ng/ml



#28 AR-1254-3

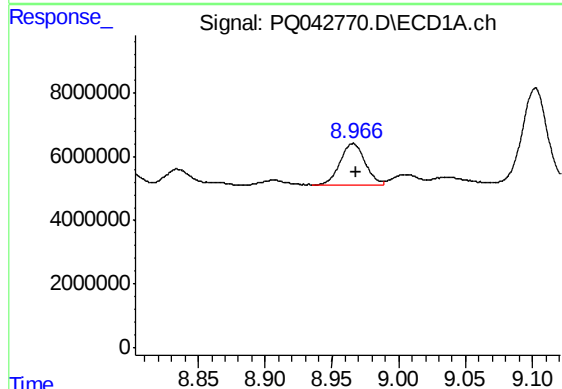
R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 33691243
Conc: 118.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



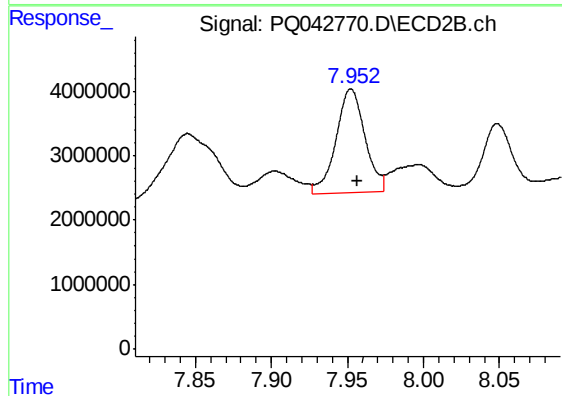
#28 AR-1254-3

R.T.: 7.703 min
Delta R.T.: -0.004 min
Response: 44608364
Conc: 126.68 ng/ml



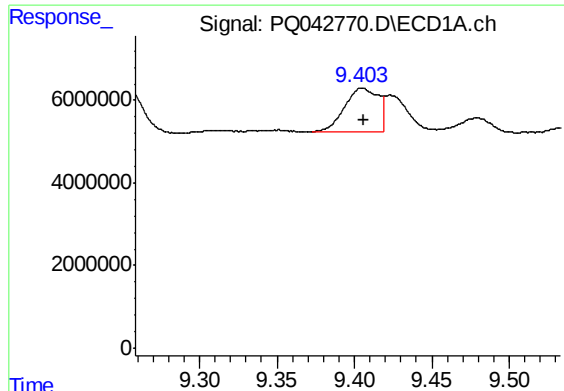
#29 AR-1254-4

R.T.: 8.966 min
Delta R.T.: -0.002 min
Response: 16683456
Conc: 69.97 ng/ml



#29 AR-1254-4

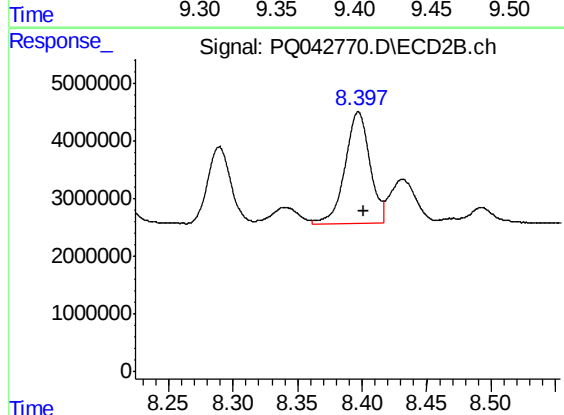
R.T.: 7.952 min
Delta R.T.: -0.004 min
Response: 21403946
Conc: 83.41 ng/ml



#30 AR-1254-5

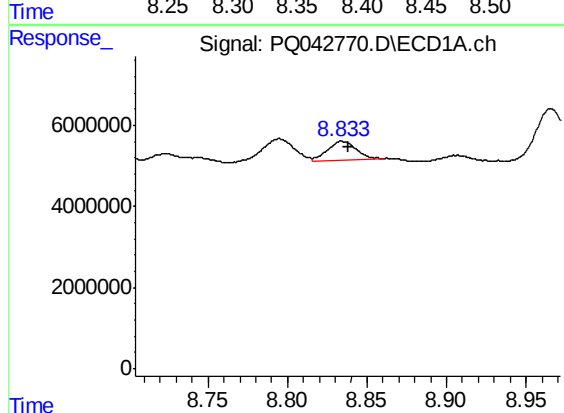
R.T.: 9.404 min
Delta R.T.: -0.002 min
Response: 16042560
Conc: 62.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



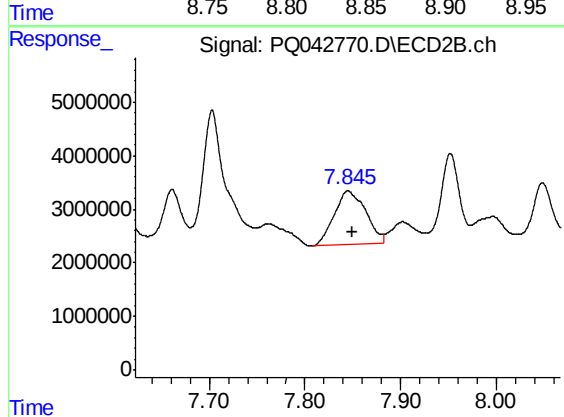
#30 AR-1254-5

R.T.: 8.397 min
Delta R.T.: -0.005 min
Response: 25930569
Conc: 71.36 ng/ml



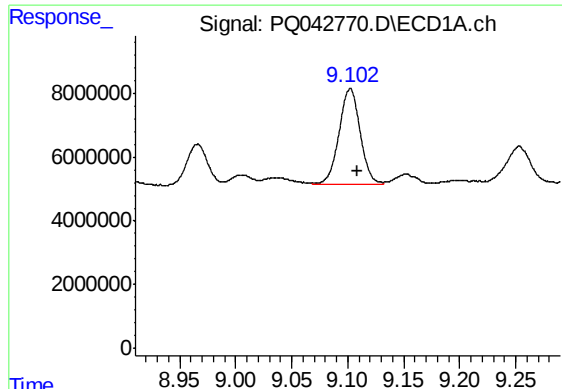
#31 AR-1260-1

R.T.: 8.834 min
Delta R.T.: -0.005 min
Response: 5820154
Conc: 33.01 ng/ml



#31 AR-1260-1

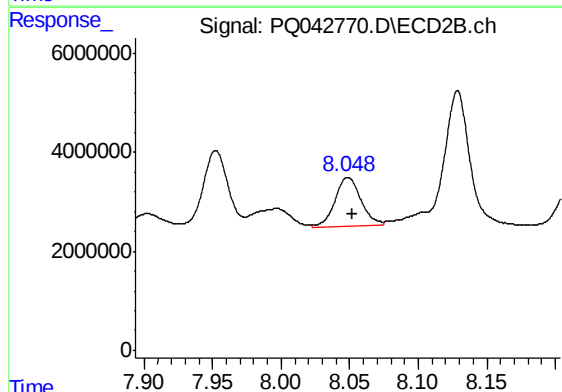
R.T.: 7.845 min
Delta R.T.: -0.005 min
Response: 23087577
Conc: 113.16 ng/ml



#32 AR-1260-2

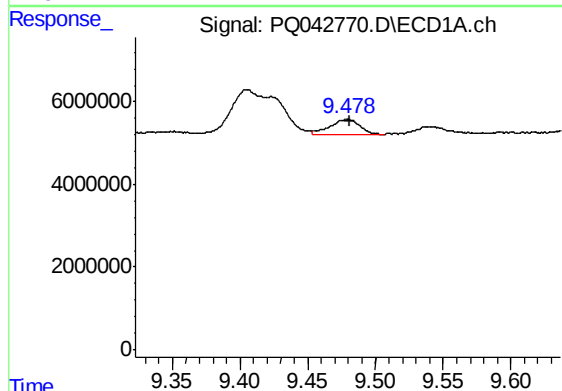
R.T.: 9.103 min
Delta R.T.: -0.007 min
Response: 39417165
Conc: 163.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



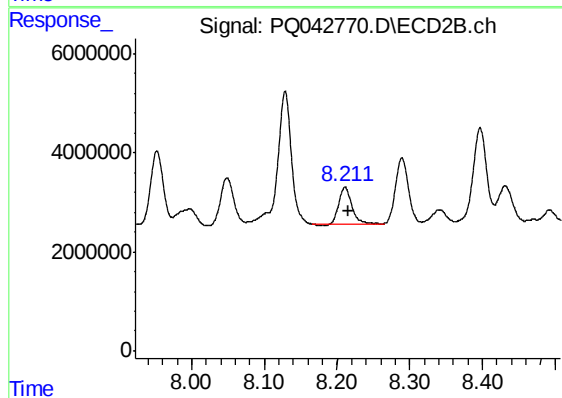
#32 AR-1260-2

R.T.: 8.048 min
Delta R.T.: -0.004 min
Response: 13168318
Conc: 49.16 ng/ml



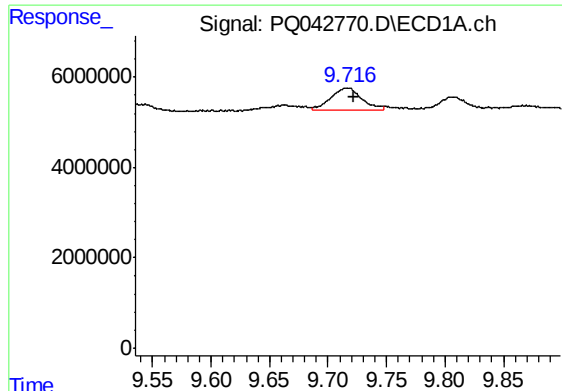
#33 AR-1260-3

R.T.: 9.479 min
Delta R.T.: -0.003 min
Response: 5412918
Conc: 25.04 ng/ml



#33 AR-1260-3

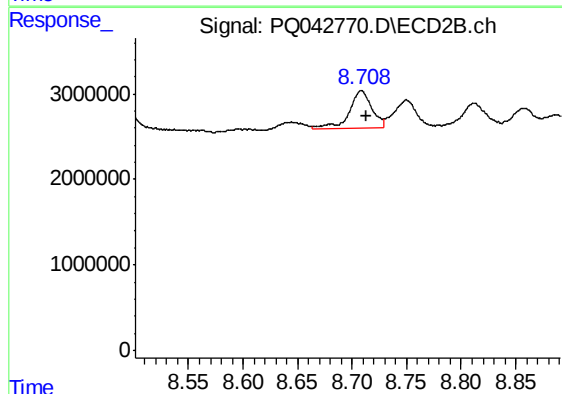
R.T.: 8.211 min
Delta R.T.: -0.005 min
Response: 9113514
Conc: 38.23 ng/ml



#34 AR-1260-4

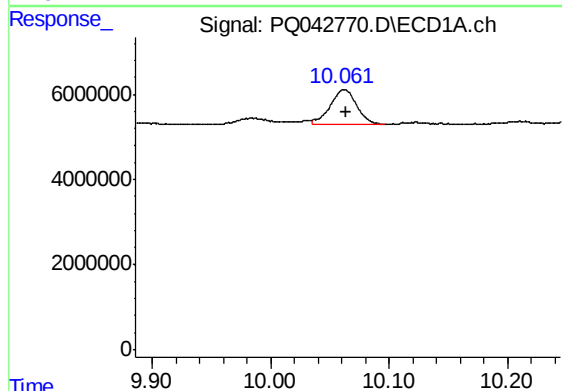
R.T.: 9.717 min
Delta R.T.: -0.005 min
Response: 8853775
Conc: 36.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



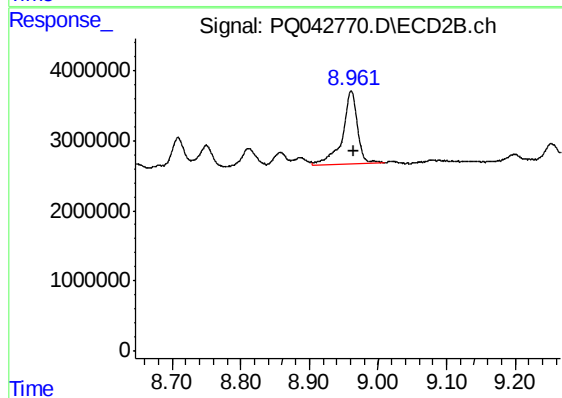
#34 AR-1260-4

R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 6383618
Conc: 28.16 ng/ml



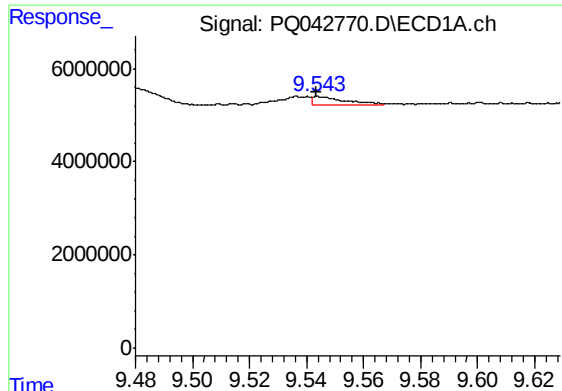
#35 AR-1260-5

R.T.: 10.061 min
Delta R.T.: -0.002 min
Response: 12877633
Conc: 21.69 ng/ml



#35 AR-1260-5

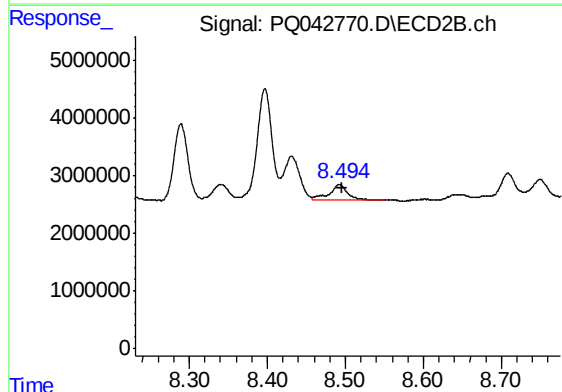
R.T.: 8.961 min
Delta R.T.: -0.004 min
Response: 15746885
Conc: 25.28 ng/ml



#36 AR-1262-1

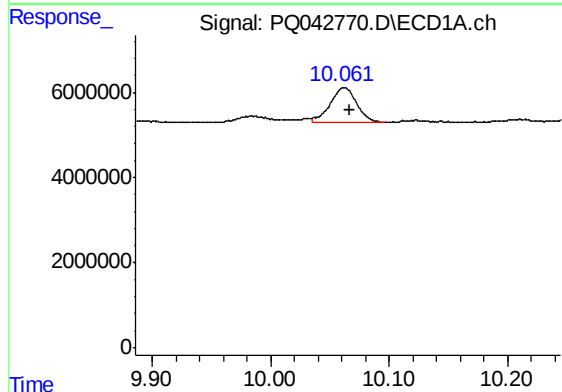
R.T.: 9.544 min
Delta R.T.: 0.000 min
Response: 1309344
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



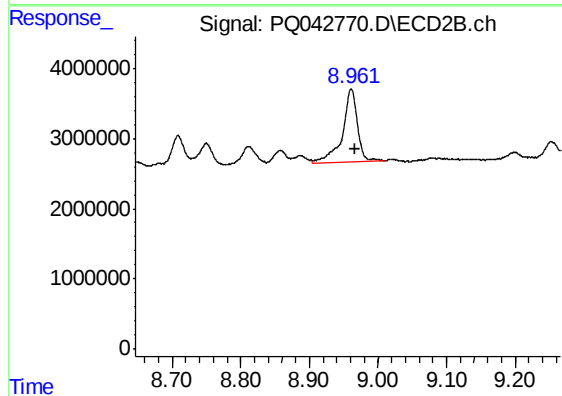
#36 AR-1262-1

R.T.: 8.493 min
Delta R.T.: -0.004 min
Response: 4723865
Conc: 27.60 ng/ml



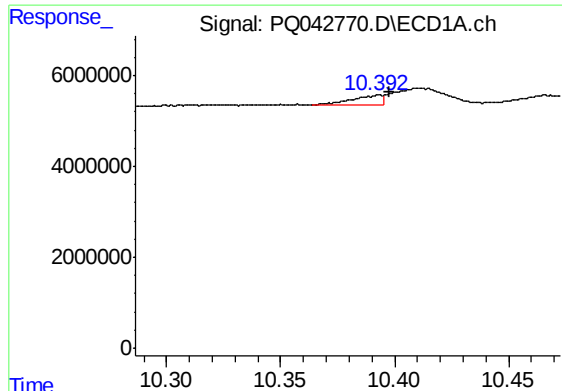
#37 AR-1262-2

R.T.: 10.061 min
Delta R.T.: -0.005 min
Response: 12877633
Conc: 17.12 ng/ml



#37 AR-1262-2

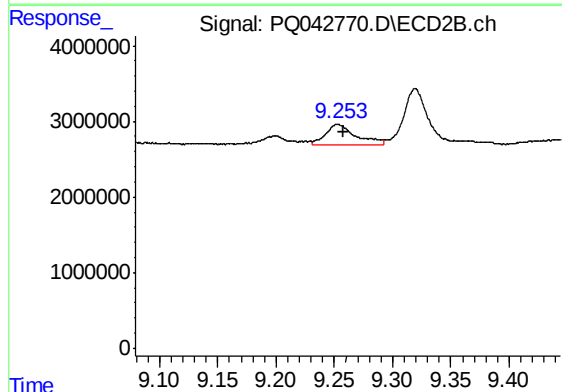
R.T.: 8.961 min
Delta R.T.: -0.005 min
Response: 15746885
Conc: 18.85 ng/ml



#38 AR-1262-3

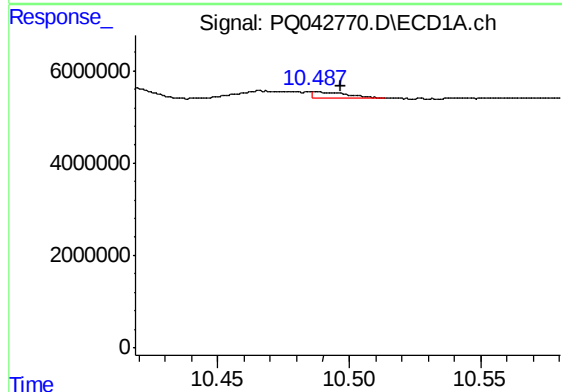
R.T.: 10.393 min
Delta R.T.: -0.005 min
Response: 1869509
Conc: 3.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



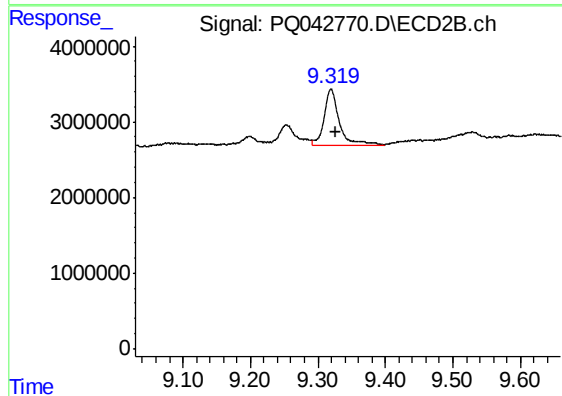
#38 AR-1262-3

R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 4730880
Conc: 13.31 ng/ml



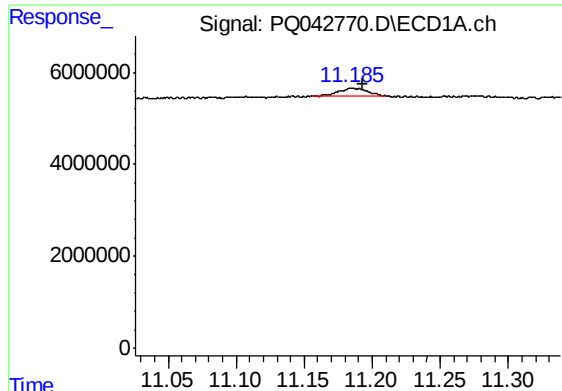
#39 AR-1262-4

R.T.: 10.488 min
Delta R.T.: -0.009 min
Response: 1281015
Conc: 2.95 ng/ml



#39 AR-1262-4

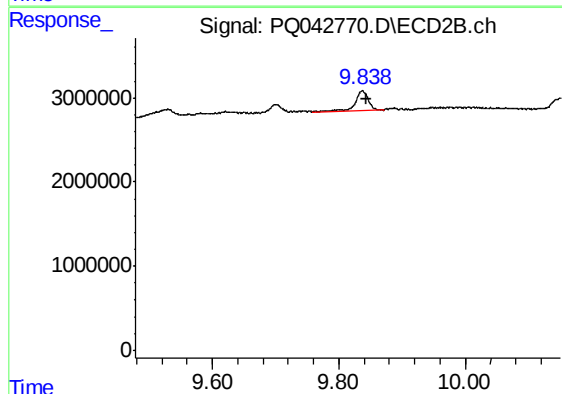
R.T.: 9.319 min
Delta R.T.: -0.006 min
Response: 11375842
Conc: 17.64 ng/ml



#40 AR-1262-5

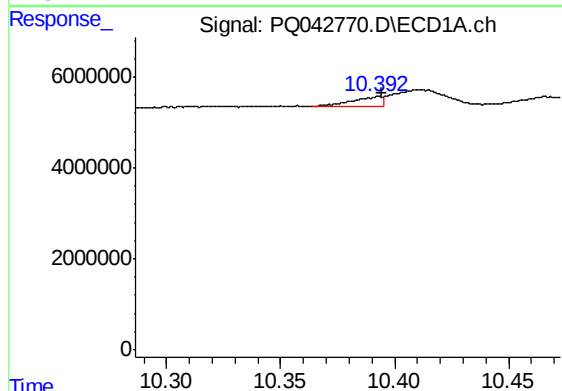
R.T.: 11.186 min
Delta R.T.: -0.007 min
Response: 2589219
Conc: 7.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



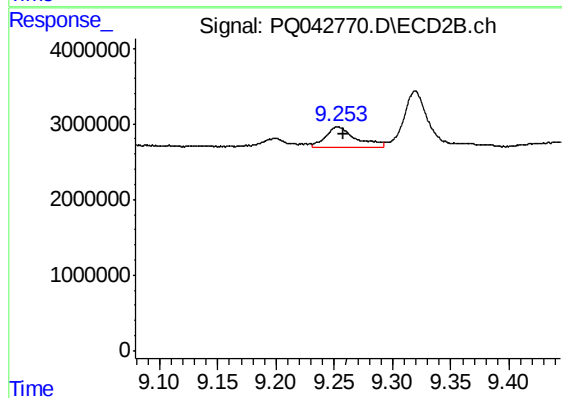
#40 AR-1262-5

R.T.: 9.838 min
Delta R.T.: -0.006 min
Response: 3481238
Conc: 11.00 ng/ml



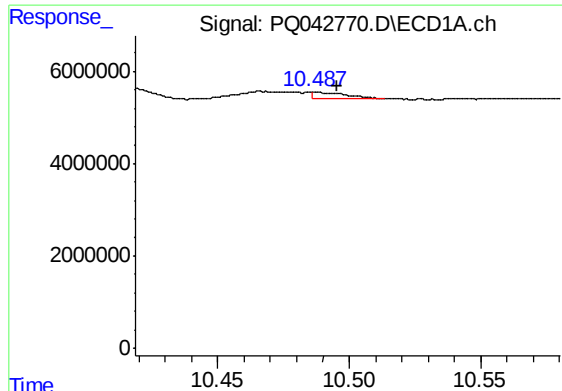
#41 AR-1268-1

R.T.: 10.393 min
Delta R.T.: -0.001 min
Response: 1869509
Conc: 1.96 ng/ml



#41 AR-1268-1

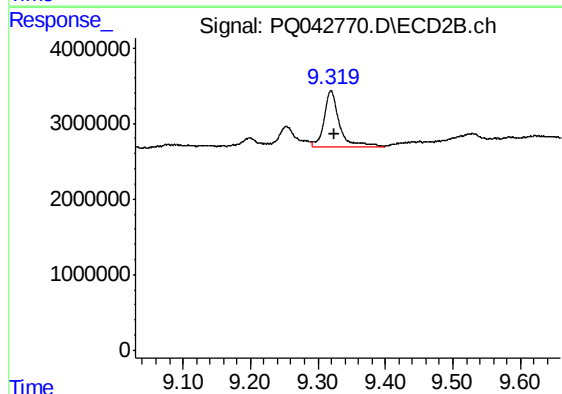
R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 4730880
Conc: 4.71 ng/ml



#42 AR-1268-2

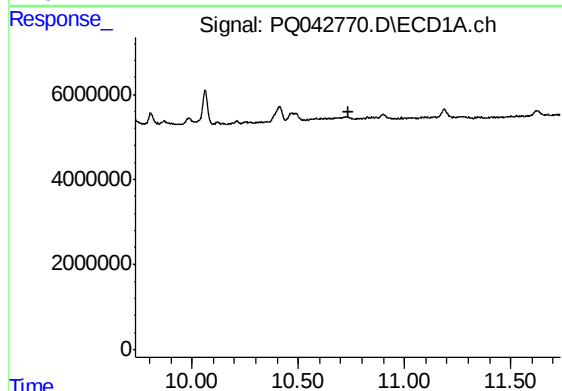
R.T.: 10.488 min
Delta R.T.: -0.008 min
Response: 1281015
Conc: 1.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



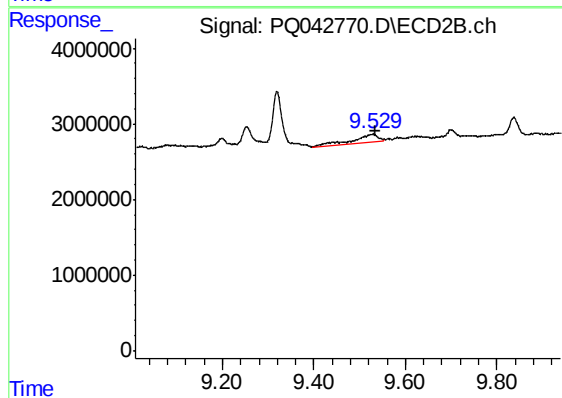
#42 AR-1268-2

R.T.: 9.319 min
Delta R.T.: -0.006 min
Response: 11375842
Conc: 12.11 ng/ml



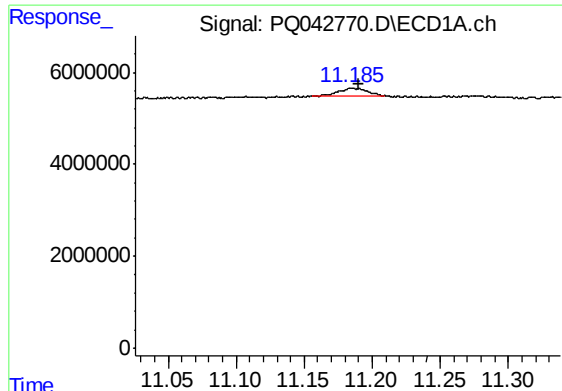
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.734 min
Response: 0
Conc: N.D.



#43 AR-1268-3

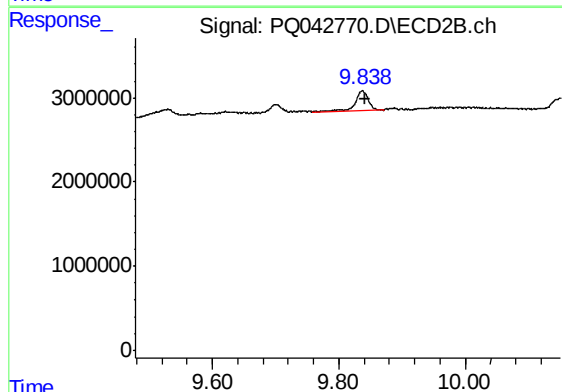
R.T.: 9.527 min
Delta R.T.: -0.008 min
Response: 4207970
Conc: 5.28 ng/ml



#44 AR-1268-4

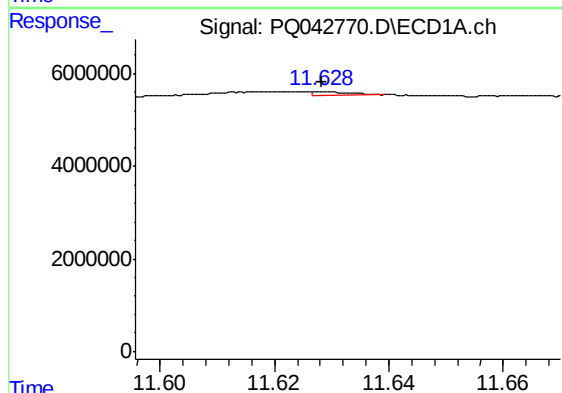
R.T.: 11.186 min
Delta R.T.: -0.005 min
Response: 2589219
Conc: 6.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ61



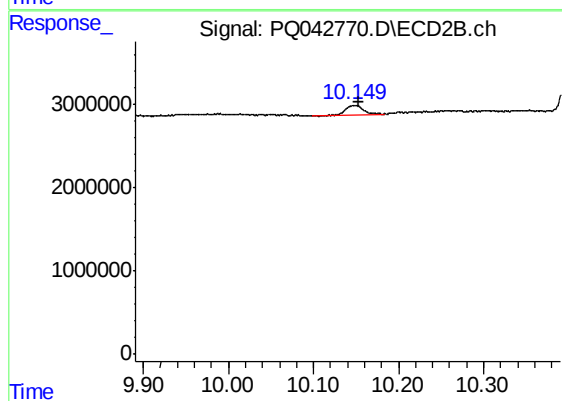
#44 AR-1268-4

R.T.: 9.838 min
Delta R.T.: -0.005 min
Response: 3481238
Conc: 10.17 ng/ml



#45 AR-1268-5

R.T.: 11.629 min
Delta R.T.: 0.000 min
Response: 342055
Conc: 0.12 ng/ml



#45 AR-1268-5

R.T.: 10.149 min
Delta R.T.: -0.005 min
Response: 1557379
Conc: 0.61 ng/ml