

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080519\
 Data File : PQ042021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2019 19:37
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 02:43:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 06 01:47:44 2019
 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...	5.691	4.750	74294506	61846852	24.198	24.040
2)	SA Decachlor...	12.085	10.504	192.8E6	139.8E6	19.591	20.175
Target Compounds							
3)	L1 AR-1016-1	7.137	6.203	6066140	5866899	41.505	43.006
4)	L1 AR-1016-2	7.163	6.225	9067194	7903152	42.003	40.749
5)	L1 AR-1016-3	7.234	6.439	5309508	4192349	40.242	40.158
6)	L1 AR-1016-4	7.345	6.494	5038426	3558186	45.316	42.996
7)	L1 AR-1016-5	7.681	6.746	3503138	4313516	31.812	39.230
10)	L2 AR-1221-3	0.000	5.278	0	2433727	N.D.	32.654 #
11)	L3 AR-1232-1	0.000	5.278	0	2433727	N.D.	39.522 #
12)	L3 AR-1232-2	6.819	6.225	4343667	7903152	114.766	100.869
13)	L3 AR-1232-3	7.163	6.439	9067194	4192349	108.187	101.402
14)	L3 AR-1232-4	7.345	6.543	5038426	4397026	116.163	121.231
15)	L3 AR-1232-5	7.452	6.746	3722030	4313516	136.721	106.098
16)	L4 AR-1242-1	7.137	6.203	6066140	5866899	53.926	56.348
17)	L4 AR-1242-2	7.163	6.225	9067194	7903152	55.392	52.794
18)	L4 AR-1242-3	7.234	6.439	5309508	4192349	52.056	51.925
19)	L4 AR-1242-4	7.345	6.543	5038426	4397026	58.936	55.486
20)	L4 AR-1242-5	0.000	7.155	0	4538248	N.D.	36.771 #
21)	L5 AR-1248-1	7.137	6.203	6066140	5866899	75.397	80.702
22)	L5 AR-1248-2	7.452	6.494	3722030	3558186	35.971	35.630
23)	L5 AR-1248-3	7.681	6.543	3503138	4397026	26.490	42.382 #
24)	L5 AR-1248-4	8.097	6.746	3876515	4313516	21.301	33.784 #
25)	L5 AR-1248-5	0.000	7.155	0	4538248	N.D.	28.606 #
26)	L6 AR-1254-1	8.097	7.155	3876515	4538248	20.556	19.078
27)	L6 AR-1254-2	8.334	7.322	4232895	3898859	13.249	18.155 #
28)	L6 AR-1254-3	8.789	7.786	6436925	7710115	16.449	19.592
29)	L6 AR-1254-4	0.000	8.050	0	2646912	N.D.	9.670 #
30)	L6 AR-1254-5	9.469	8.463	17869400	16876344	48.914	43.529
31)	L7 AR-1260-1	8.901	7.911	11275359	12362055	45.147	47.037
32)	L7 AR-1260-2	9.171	8.114	15036540	16826110	43.502	47.746
33)	L7 AR-1260-3	9.546	8.279	12191365	13651129	40.973	43.321
34)	L7 AR-1260-4	9.789	8.778	13445120	11747855	39.141	40.502
35)	L7 AR-1260-5	10.135	9.028	29127811	27556834	35.038	34.908
36)	L8 AR-1262-1	9.546	8.503	12191365	13216763	31.451	36.058
37)	L8 AR-1262-2	10.135	9.028	29127811	27556834	35.667	38.295
38)	L8 AR-1262-3	10.492	9.321	18742268	7339200	31.905	23.976
39)	L8 AR-1262-4	10.551	9.388	12204476	20244767	25.939	37.005 #
40)	L8 AR-1262-5	11.279	9.912	8745131	6797881	24.937	25.819
41)	L9 AR-1268-1	10.492	9.321	18742268	7339200	12.950	5.871 #
42)	L9 AR-1268-2	10.551	9.388	12204476	20244767	8.982	17.607 #
43)	L9 AR-1268-3	0.000	9.602	0	2240319	N.D.	2.269 #

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Volume Inj. : 2 µl
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 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
44) L9	AR-1268-4	11.279	9.912	8745131	6797881	17.339	16.916
45) L9	AR-1268-5	11.726	10.227	3927489	3019801	1.004	1.035

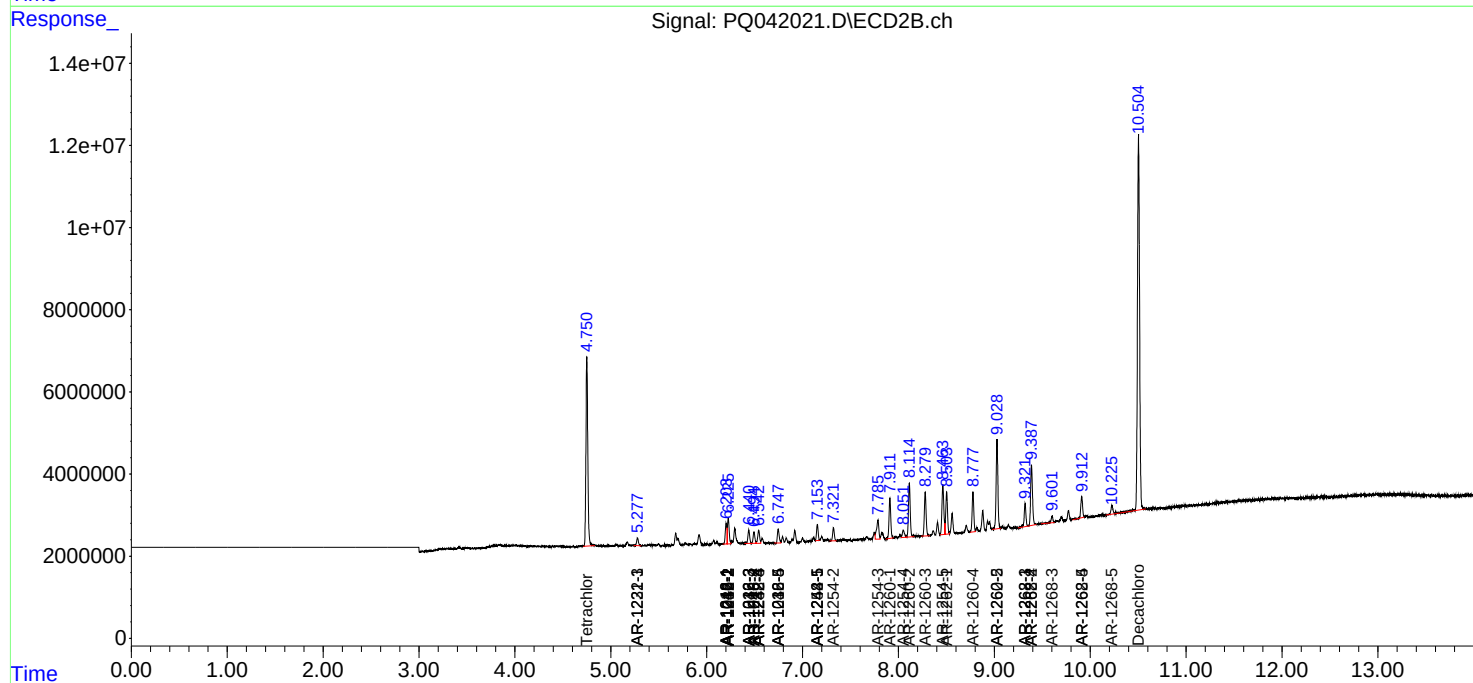
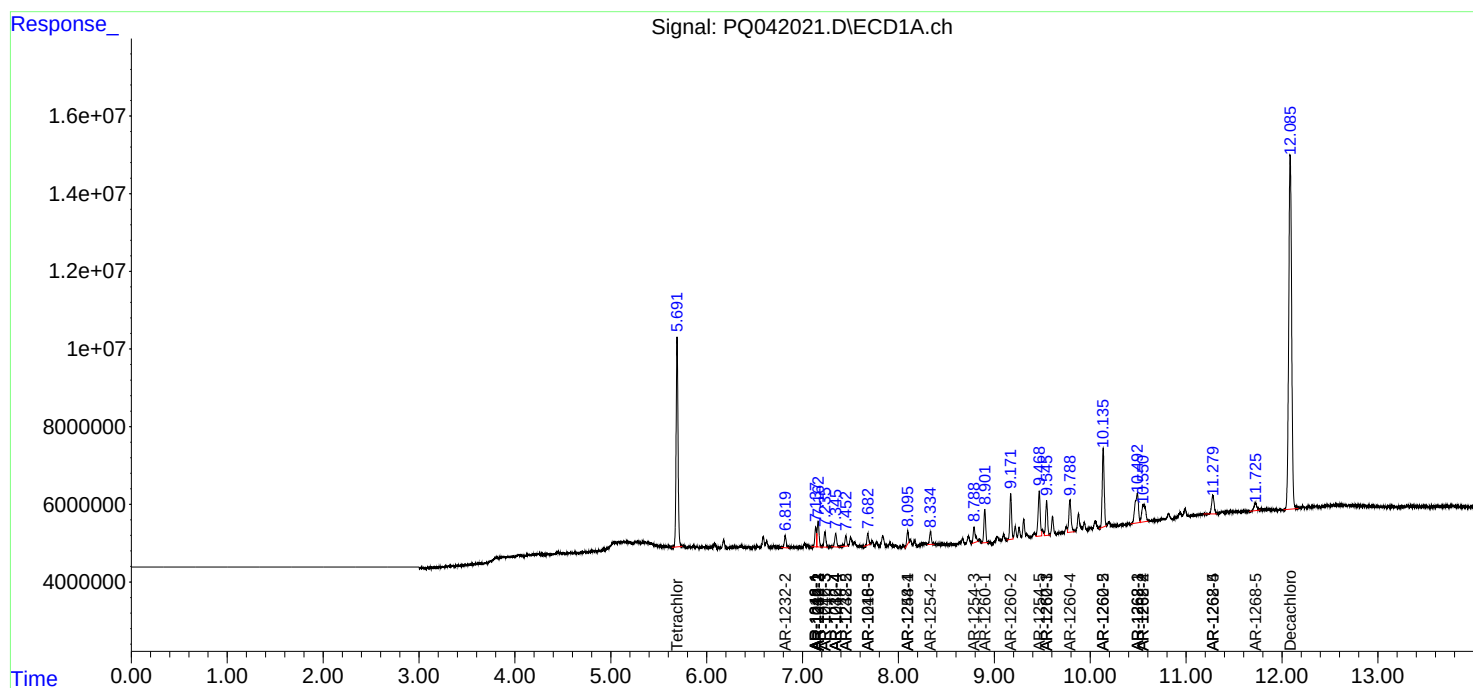
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

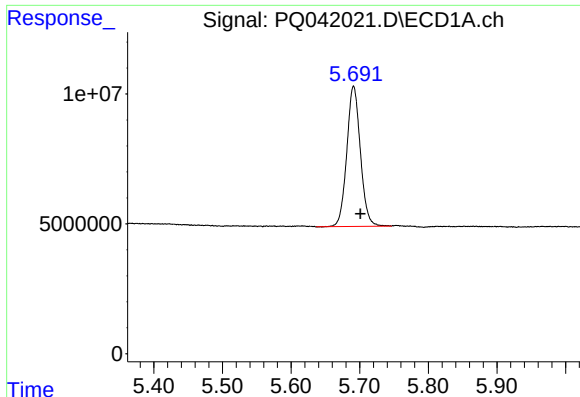
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080519\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

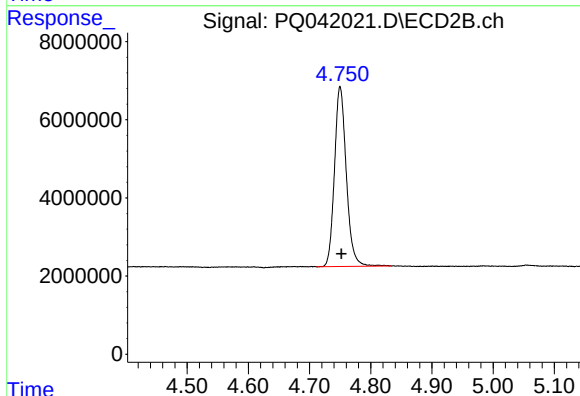




#1 Tetrachloro-m-xylene

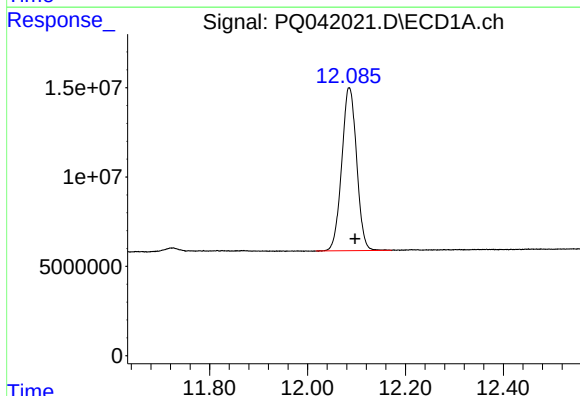
R.T.: 5.691 min
Delta R.T.: -0.010 min
Response: 74294506
Conc: 24.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



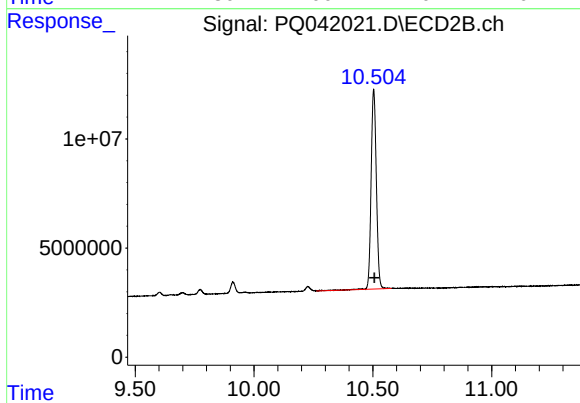
#1 Tetrachloro-m-xylene

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 61846852
Conc: 24.04 ng/ml



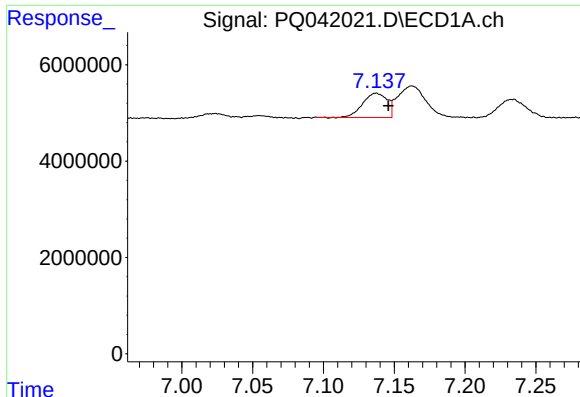
#2 Decachlorobiphenyl

R.T.: 12.085 min
Delta R.T.: -0.012 min
Response: 192777360
Conc: 19.59 ng/ml



#2 Decachlorobiphenyl

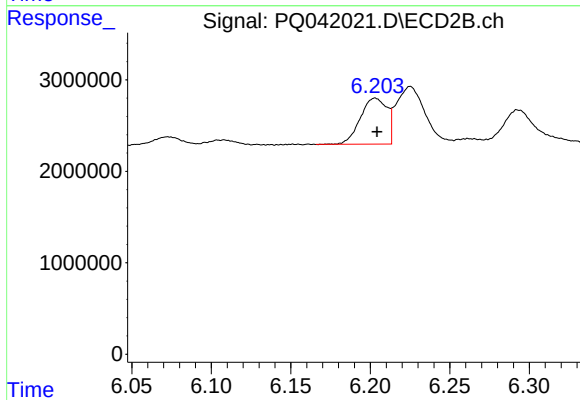
R.T.: 10.504 min
Delta R.T.: -0.003 min
Response: 139767266
Conc: 20.17 ng/ml



#3 AR-1016-1

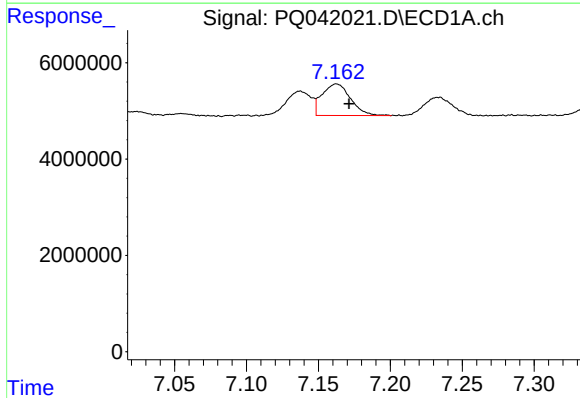
R.T.: 7.137 min
Delta R.T.: -0.009 min
Response: 6066140
Conc: 41.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



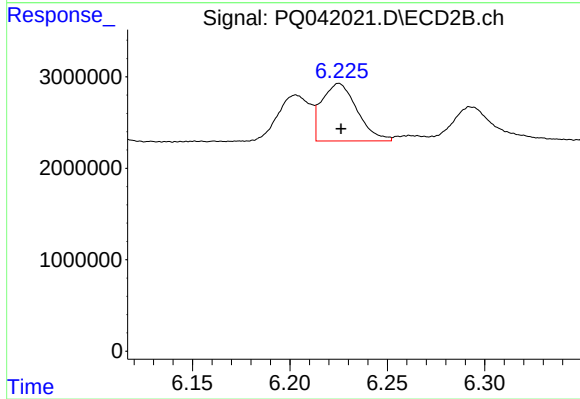
#3 AR-1016-1

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 5866899
Conc: 43.01 ng/ml



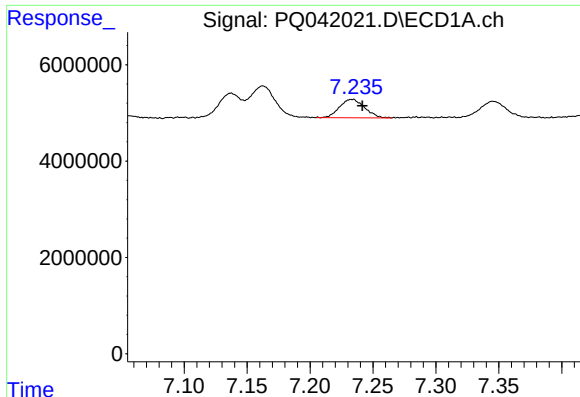
#4 AR-1016-2

R.T.: 7.163 min
Delta R.T.: -0.009 min
Response: 9067194
Conc: 42.00 ng/ml



#4 AR-1016-2

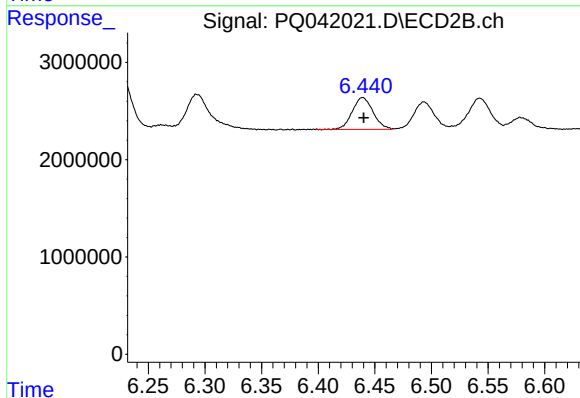
R.T.: 6.225 min
Delta R.T.: -0.001 min
Response: 7903152
Conc: 40.75 ng/ml



#5 AR-1016-3

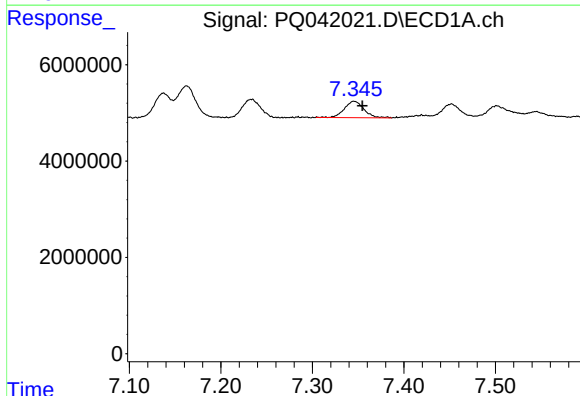
R.T.: 7.234 min
Delta R.T.: -0.008 min
Response: 5309508
Conc: 40.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



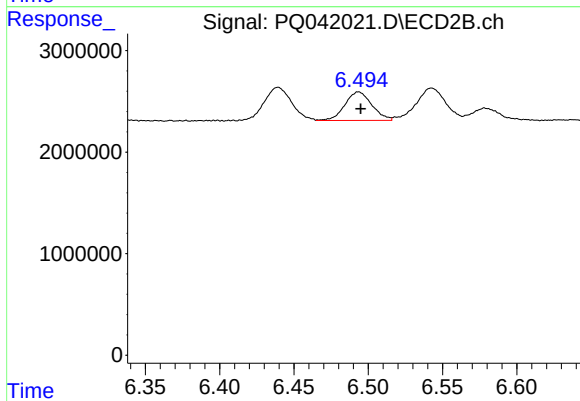
#5 AR-1016-3

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 4192349
Conc: 40.16 ng/ml



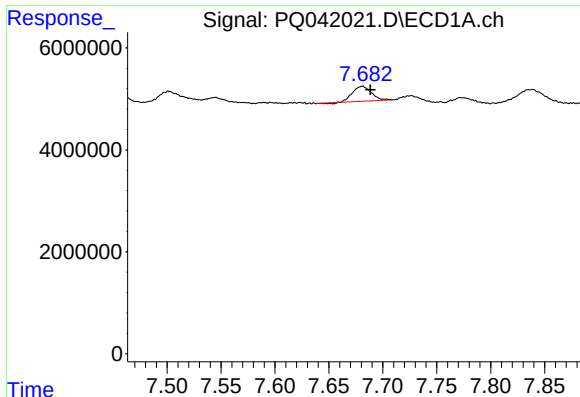
#6 AR-1016-4

R.T.: 7.345 min
Delta R.T.: -0.009 min
Response: 5038426
Conc: 45.32 ng/ml



#6 AR-1016-4

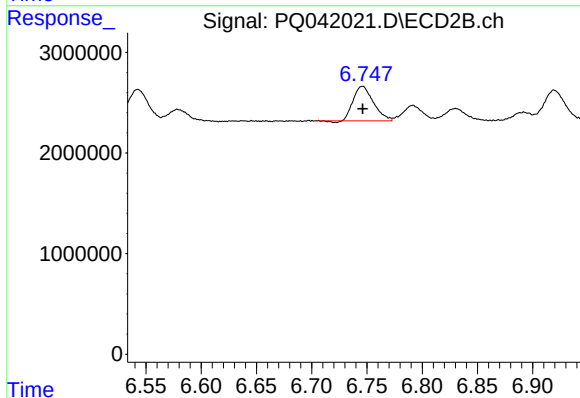
R.T.: 6.494 min
Delta R.T.: -0.001 min
Response: 3558186
Conc: 43.00 ng/ml



#7 AR-1016-5

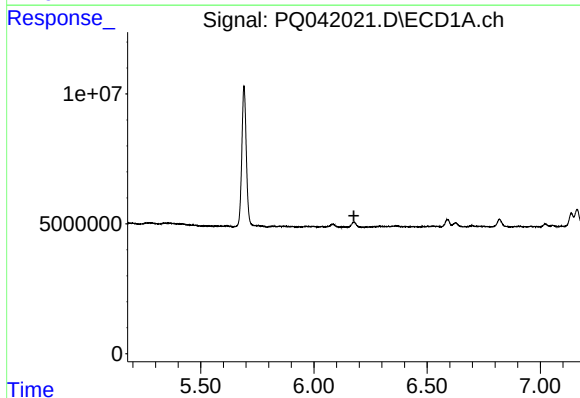
R.T.: 7.681 min
Delta R.T.: -0.008 min
Response: 3503138
Conc: 31.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



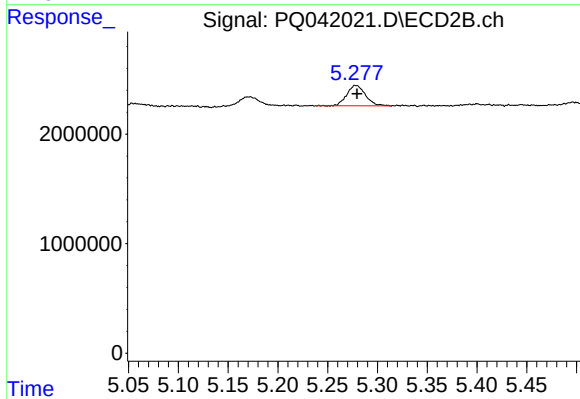
#7 AR-1016-5

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 4313516
Conc: 39.23 ng/ml



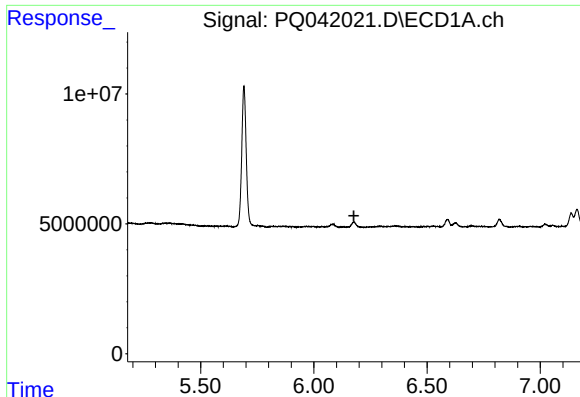
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.177 min
Response: 0
Conc: N.D.



#10 AR-1221-3

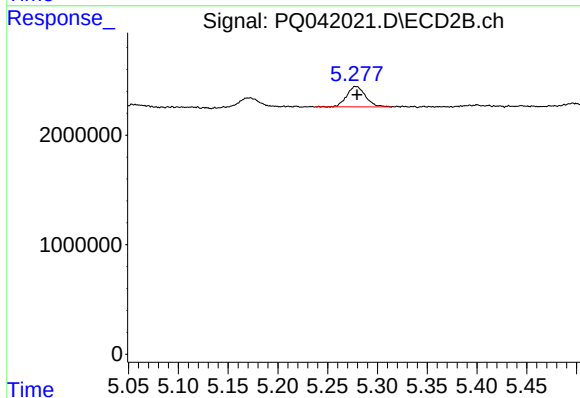
R.T.: 5.278 min
Delta R.T.: -0.001 min
Response: 2433727
Conc: 32.65 ng/ml



#11 AR-1232-1

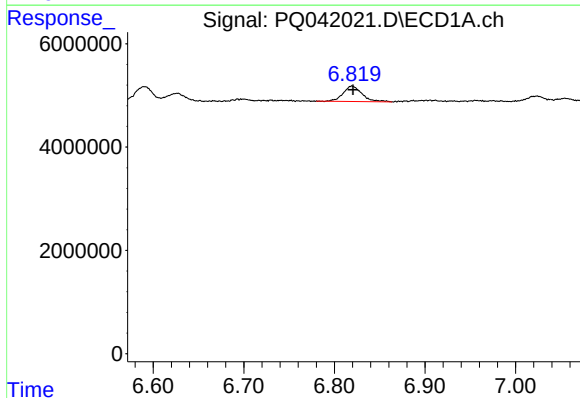
R.T.: 0.000 min
Exp R.T.: 6.177 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



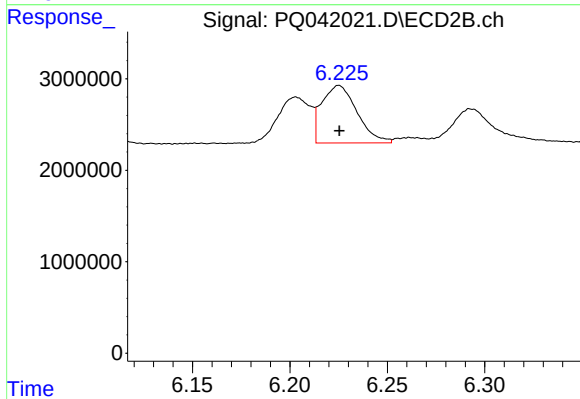
#11 AR-1232-1

R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 2433727
Conc: 39.52 ng/ml



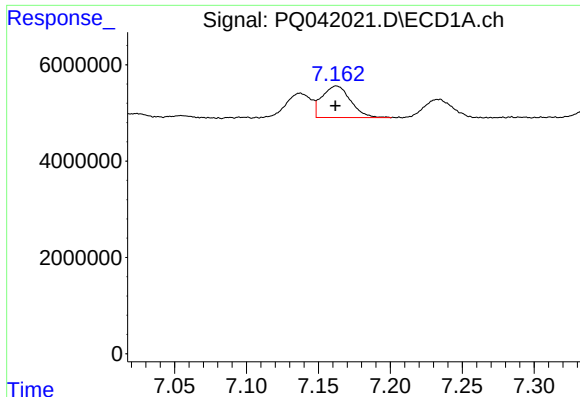
#12 AR-1232-2

R.T.: 6.819 min
Delta R.T.: -0.001 min
Response: 4343667
Conc: 114.77 ng/ml



#12 AR-1232-2

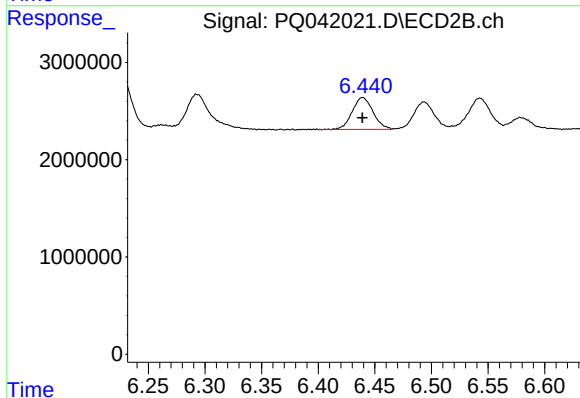
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 7903152
Conc: 100.87 ng/ml



#13 AR-1232-3

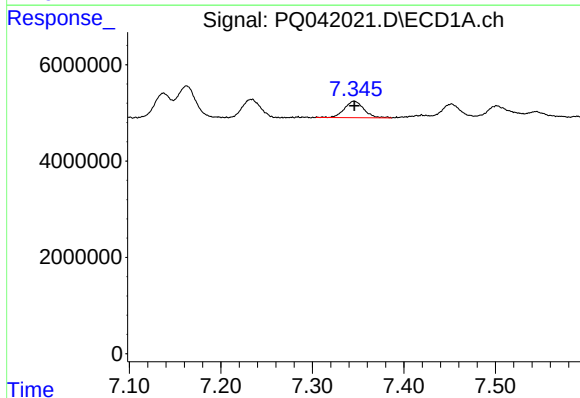
R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 9067194
Conc: 108.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



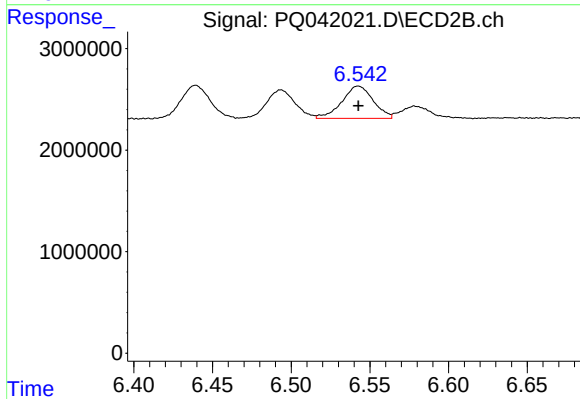
#13 AR-1232-3

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 4192349
Conc: 101.40 ng/ml



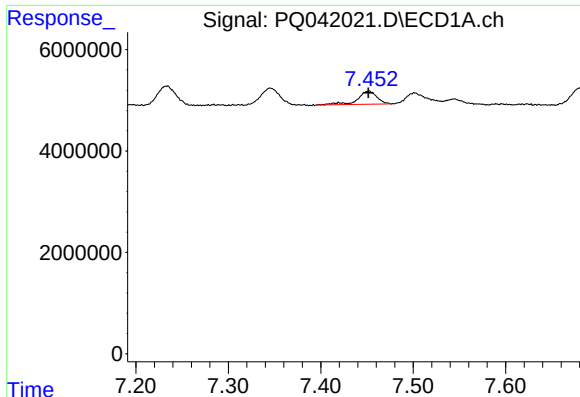
#14 AR-1232-4

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 5038426
Conc: 116.16 ng/ml



#14 AR-1232-4

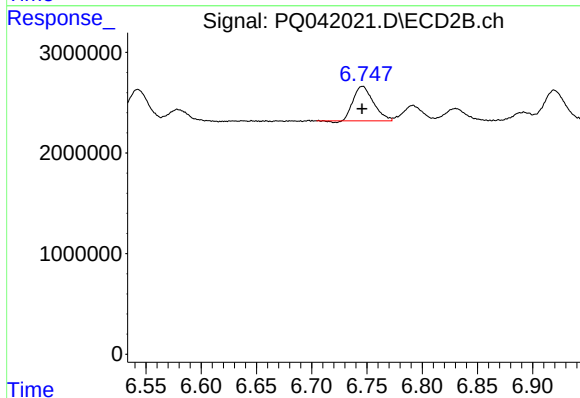
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 4397026
Conc: 121.23 ng/ml



#15 AR-1232-5

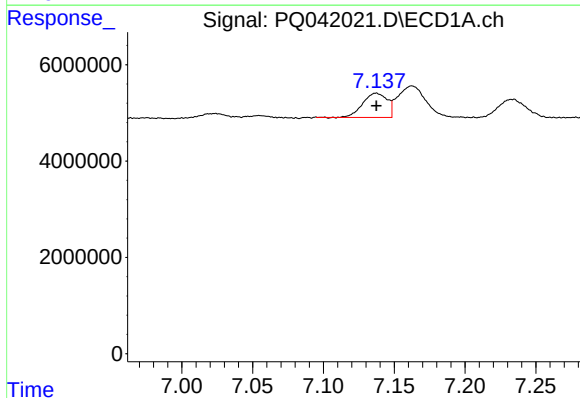
R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 3722030
Conc: 136.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



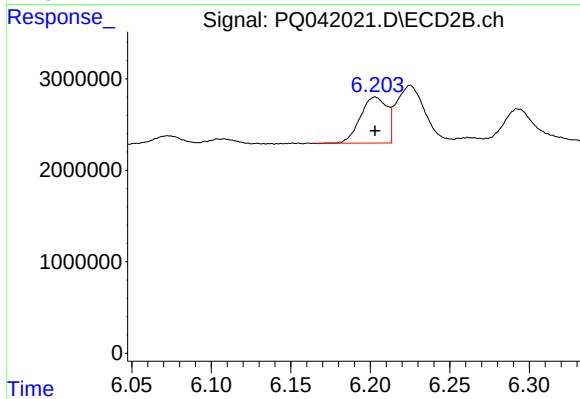
#15 AR-1232-5

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 4313516
Conc: 106.10 ng/ml



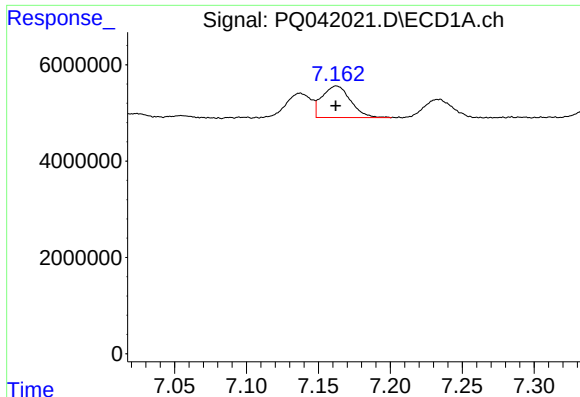
#16 AR-1242-1

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 6066140
Conc: 53.93 ng/ml



#16 AR-1242-1

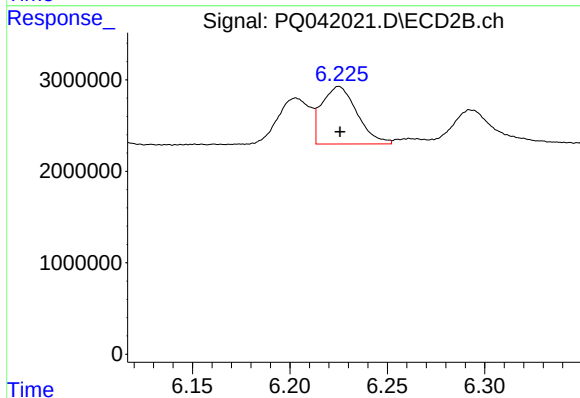
R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 5866899
Conc: 56.35 ng/ml



#17 AR-1242-2

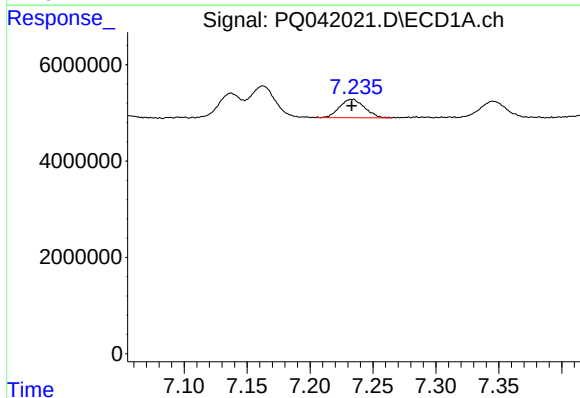
R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 9067194
Conc: 55.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



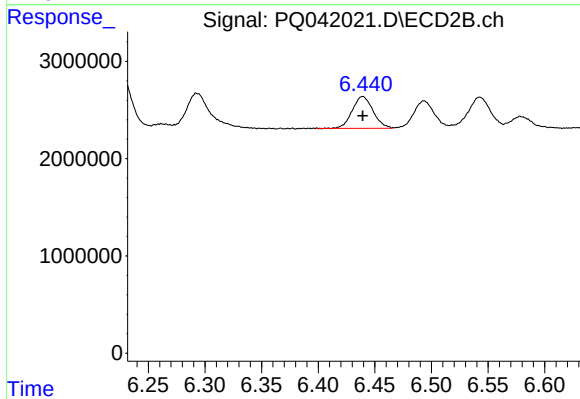
#17 AR-1242-2

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 7903152
Conc: 52.79 ng/ml



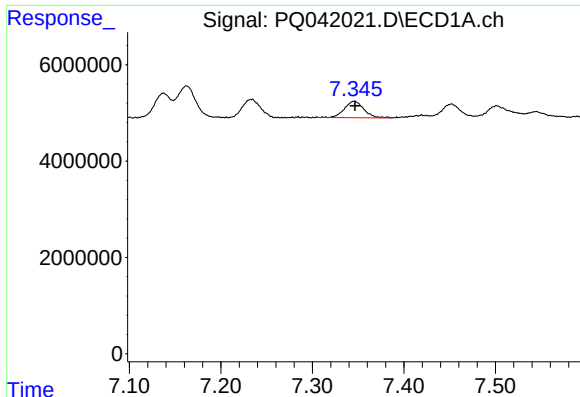
#18 AR-1242-3

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5309508
Conc: 52.06 ng/ml



#18 AR-1242-3

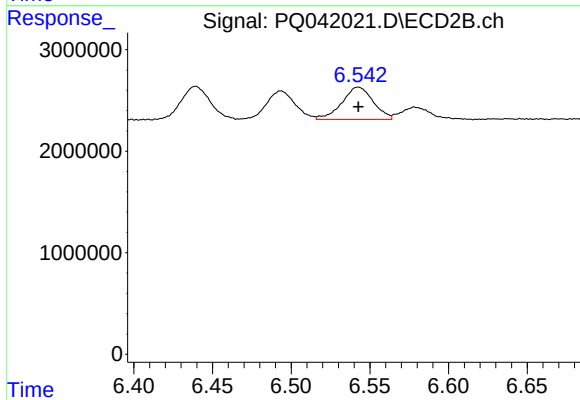
R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 4192349
Conc: 51.93 ng/ml



#19 AR-1242-4

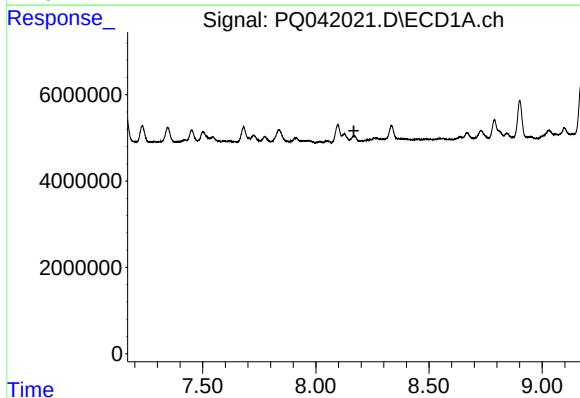
R.T.: 7.345 min
Delta R.T.: -0.001 min
Response: 5038426
Conc: 58.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



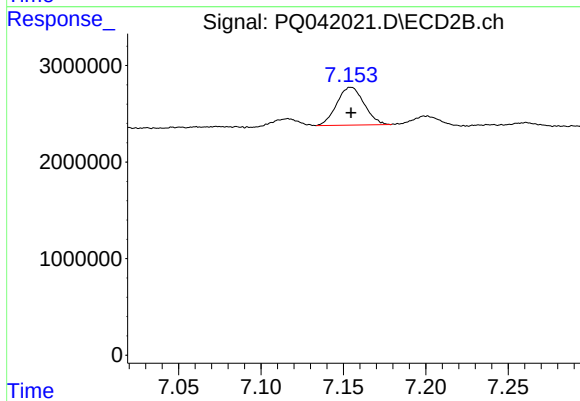
#19 AR-1242-4

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 4397026
Conc: 55.49 ng/ml



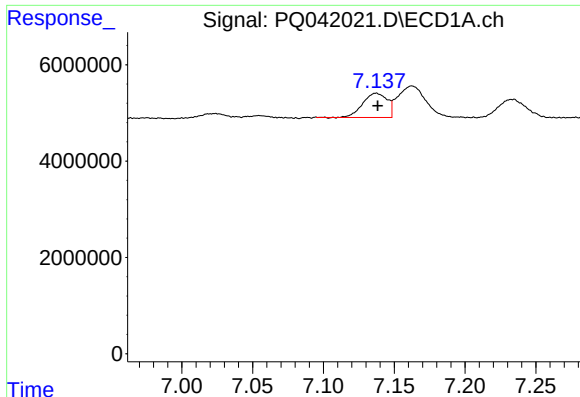
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.168 min
Response: 0
Conc: N.D.



#20 AR-1242-5

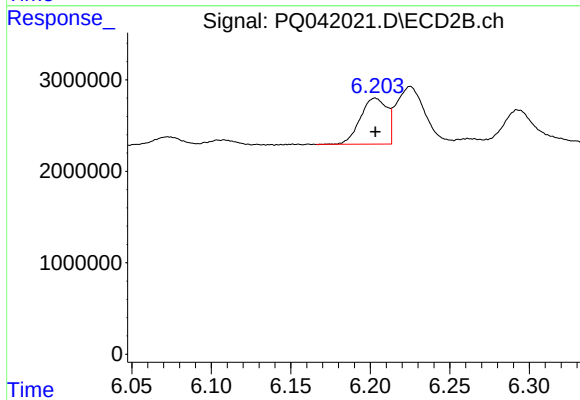
R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 4538248
Conc: 36.77 ng/ml



#21 AR-1248-1

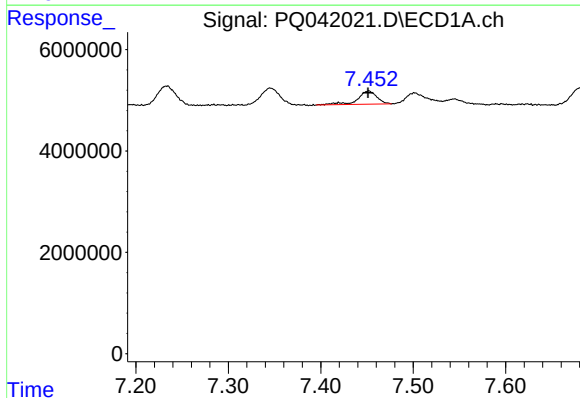
R.T.: 7.137 min
Delta R.T.: -0.001 min
Response: 6066140
Conc: 75.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



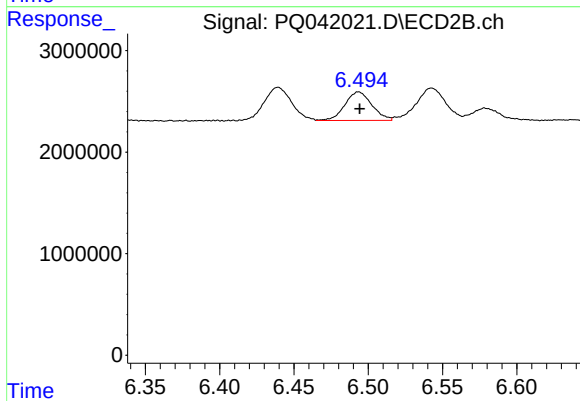
#21 AR-1248-1

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 5866899
Conc: 80.70 ng/ml



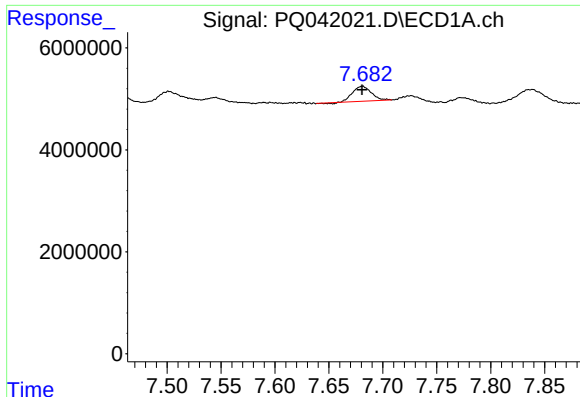
#22 AR-1248-2

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 3722030
Conc: 35.97 ng/ml



#22 AR-1248-2

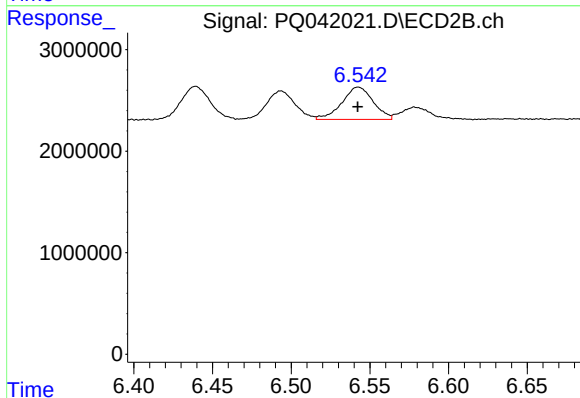
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 3558186
Conc: 35.63 ng/ml



#23 AR-1248-3

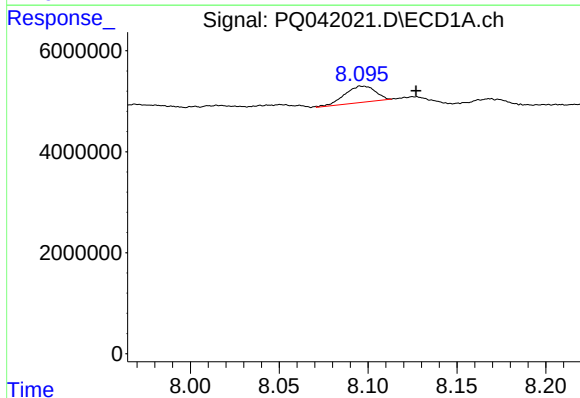
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 3503138
Conc: 26.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



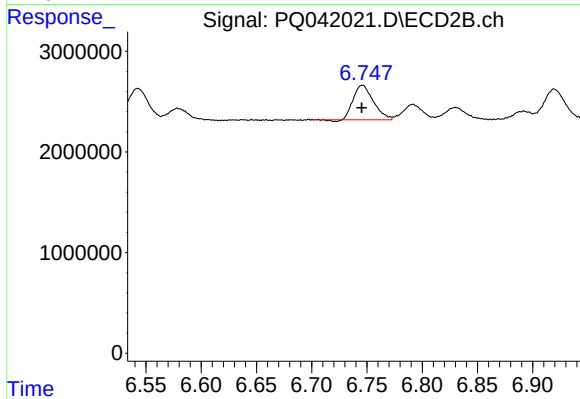
#23 AR-1248-3

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 4397026
Conc: 42.38 ng/ml



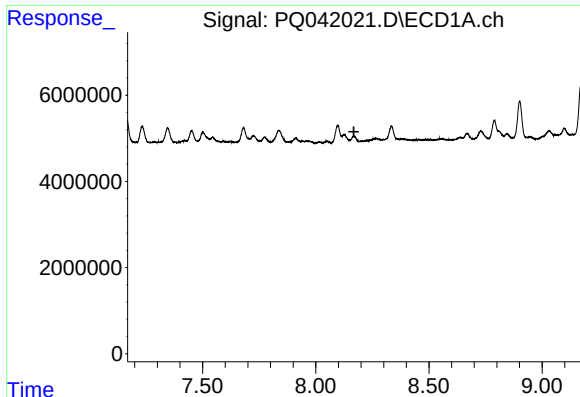
#24 AR-1248-4

R.T.: 8.097 min
Delta R.T.: -0.030 min
Response: 3876515
Conc: 21.30 ng/ml



#24 AR-1248-4

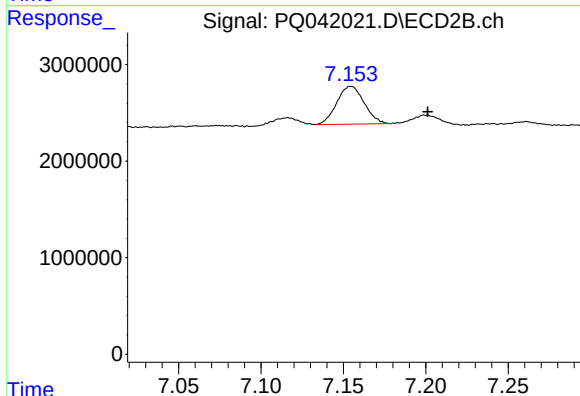
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 4313516
Conc: 33.78 ng/ml



#25 AR-1248-5

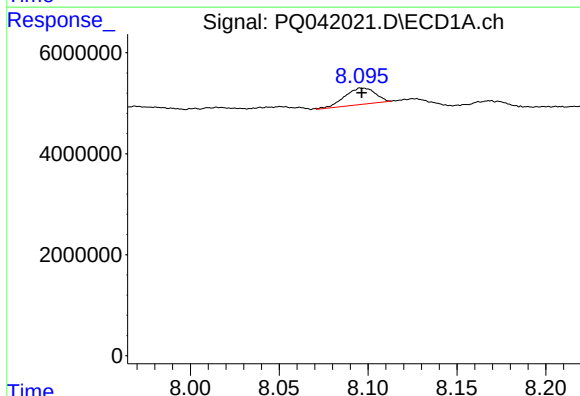
R.T.: 0.000 min
Exp R.T.: 8.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



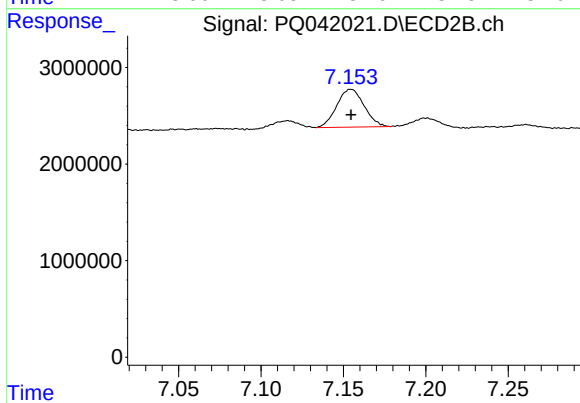
#25 AR-1248-5

R.T.: 7.155 min
Delta R.T.: -0.046 min
Response: 4538248
Conc: 28.61 ng/ml



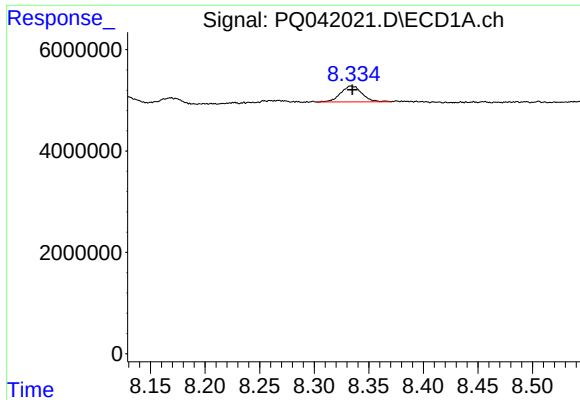
#26 AR-1254-1

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 3876515
Conc: 20.56 ng/ml



#26 AR-1254-1

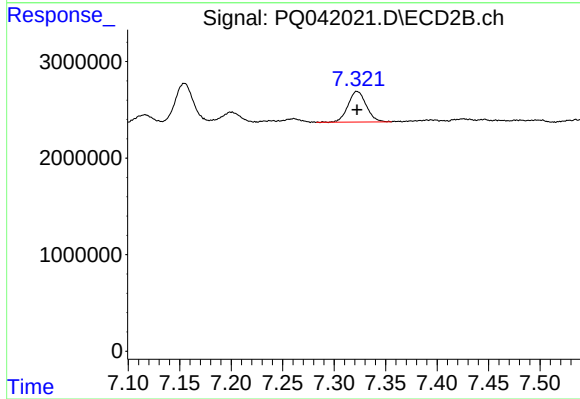
R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 4538248
Conc: 19.08 ng/ml



#27 AR-1254-2

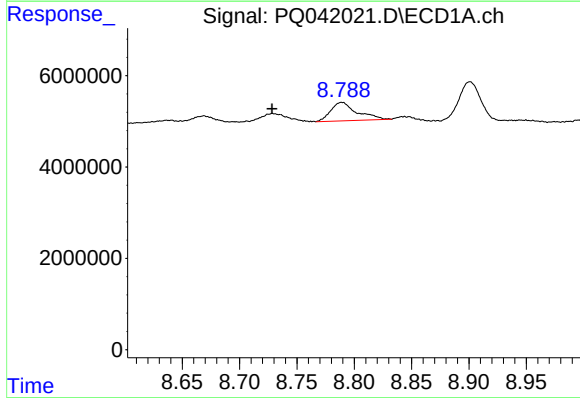
R.T.: 8.334 min
Delta R.T.: -0.001 min
Response: 4232895
Conc: 13.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



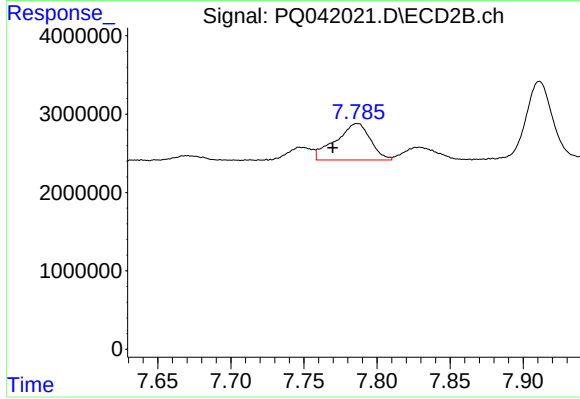
#27 AR-1254-2

R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 3898859
Conc: 18.16 ng/ml



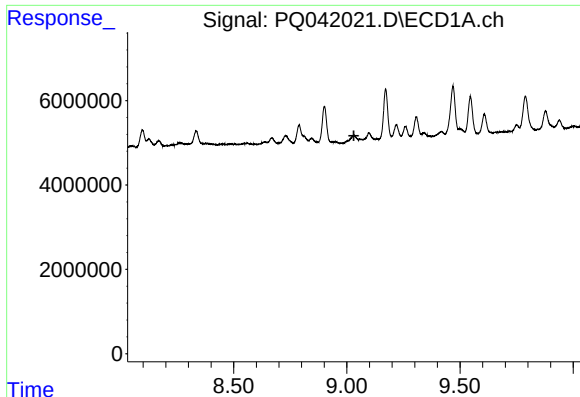
#28 AR-1254-3

R.T.: 8.789 min
Delta R.T.: 0.061 min
Response: 6436925
Conc: 16.45 ng/ml



#28 AR-1254-3

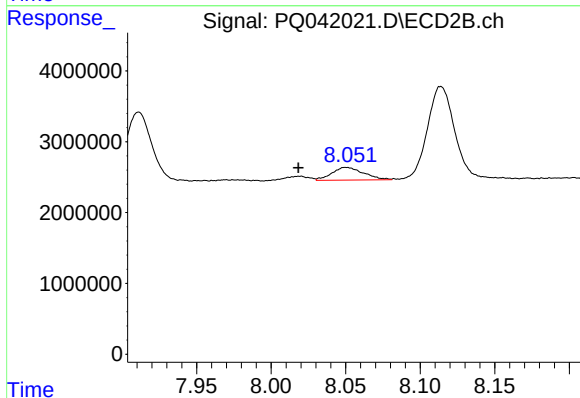
R.T.: 7.786 min
Delta R.T.: 0.017 min
Response: 7710115
Conc: 19.59 ng/ml



#29 AR-1254-4

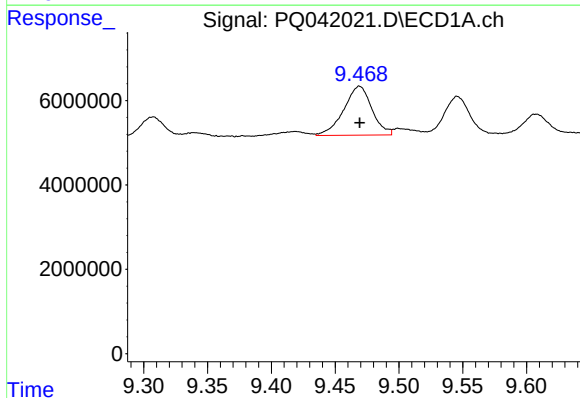
R.T.: 0.000 min
Exp R.T.: 9.031 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



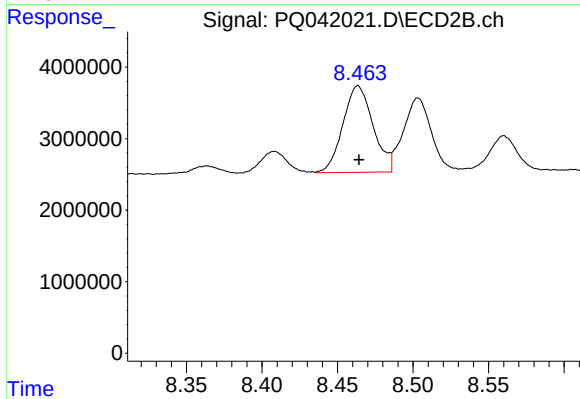
#29 AR-1254-4

R.T.: 8.050 min
Delta R.T.: 0.032 min
Response: 2646912
Conc: 9.67 ng/ml



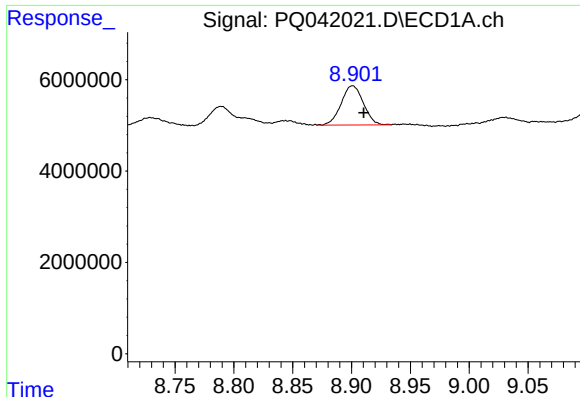
#30 AR-1254-5

R.T.: 9.469 min
Delta R.T.: 0.000 min
Response: 17869400
Conc: 48.91 ng/ml



#30 AR-1254-5

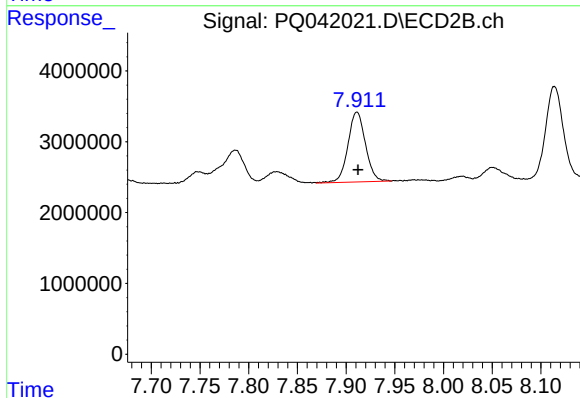
R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 16876344
Conc: 43.53 ng/ml



#31 AR-1260-1

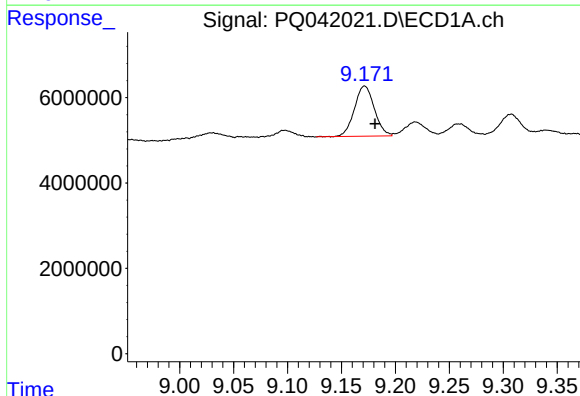
R.T.: 8.901 min
Delta R.T.: -0.010 min
Response: 11275359
Conc: 45.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



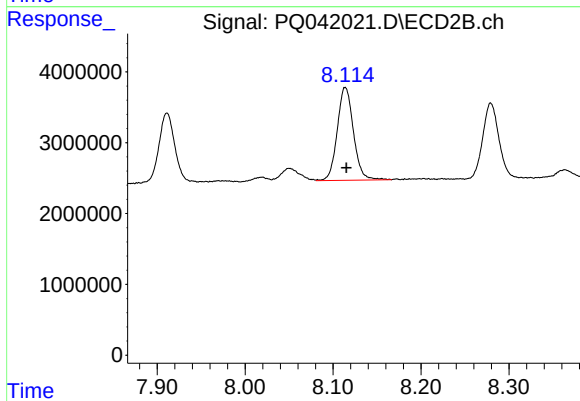
#31 AR-1260-1

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 12362055
Conc: 47.04 ng/ml



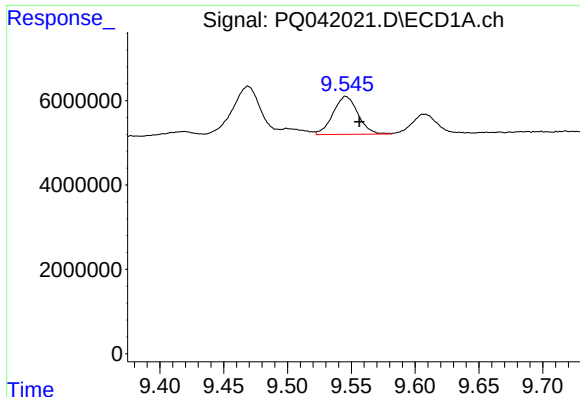
#32 AR-1260-2

R.T.: 9.171 min
Delta R.T.: -0.010 min
Response: 15036540
Conc: 43.50 ng/ml



#32 AR-1260-2

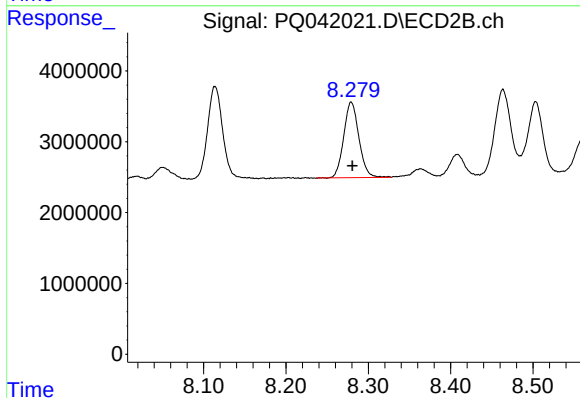
R.T.: 8.114 min
Delta R.T.: -0.001 min
Response: 16826110
Conc: 47.75 ng/ml



#33 AR-1260-3

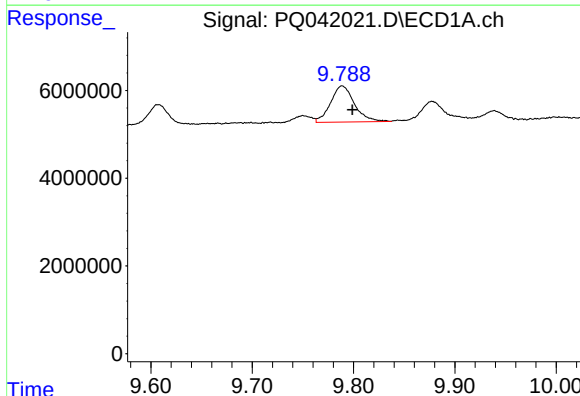
R.T.: 9.546 min
Delta R.T.: -0.011 min
Response: 12191365
Conc: 40.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



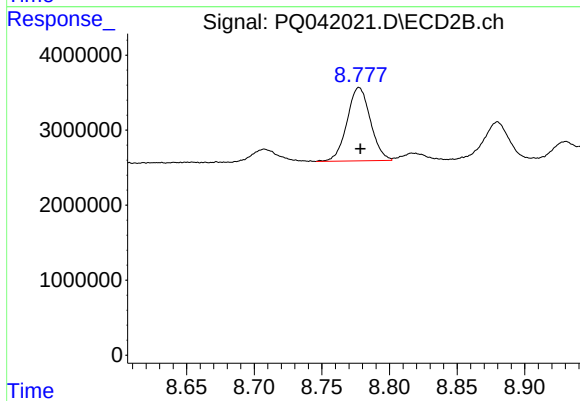
#33 AR-1260-3

R.T.: 8.279 min
Delta R.T.: -0.001 min
Response: 13651129
Conc: 43.32 ng/ml



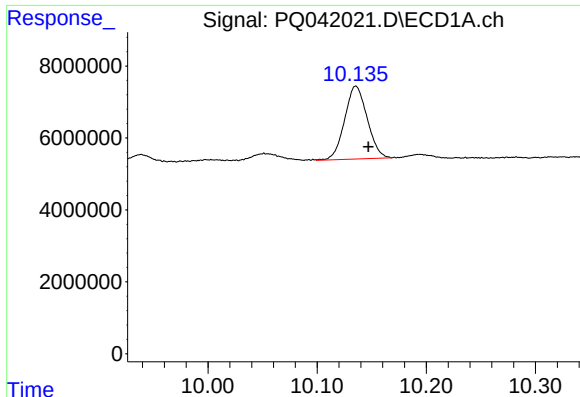
#34 AR-1260-4

R.T.: 9.789 min
Delta R.T.: -0.010 min
Response: 13445120
Conc: 39.14 ng/ml



#34 AR-1260-4

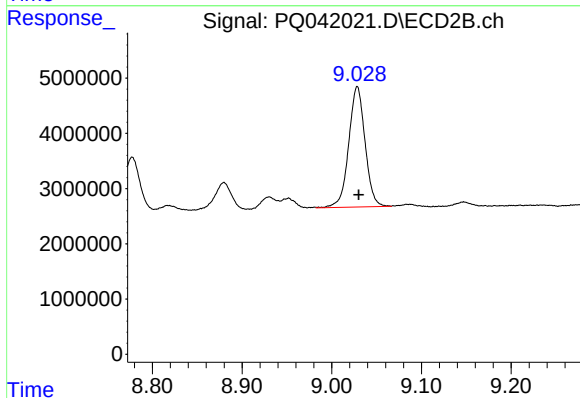
R.T.: 8.778 min
Delta R.T.: 0.000 min
Response: 11747855
Conc: 40.50 ng/ml



#35 AR-1260-5

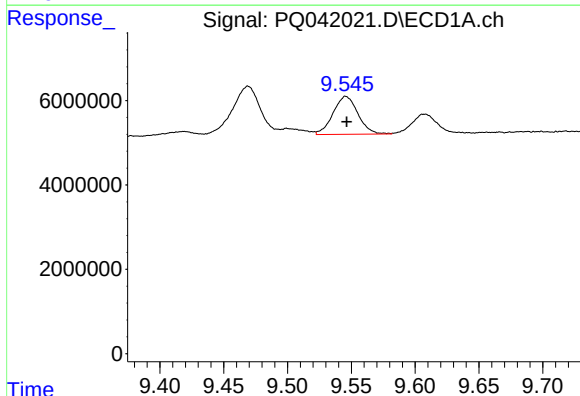
R.T.: 10.135 min
Delta R.T.: -0.012 min
Response: 29127811
Conc: 35.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



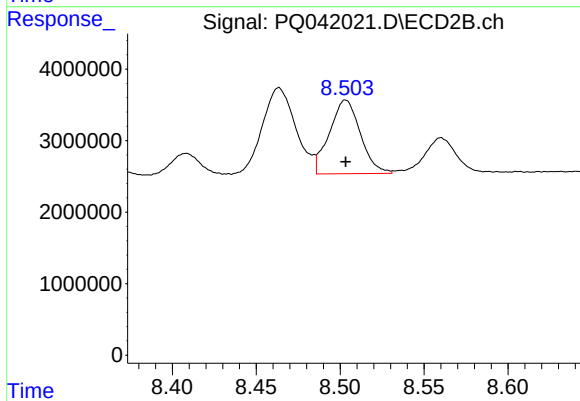
#35 AR-1260-5

R.T.: 9.028 min
Delta R.T.: -0.002 min
Response: 27556834
Conc: 34.91 ng/ml



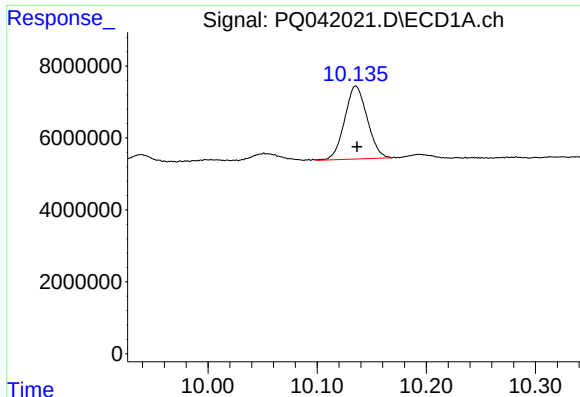
#36 AR-1262-1

R.T.: 9.546 min
Delta R.T.: 0.000 min
Response: 12191365
Conc: 31.45 ng/ml



#36 AR-1262-1

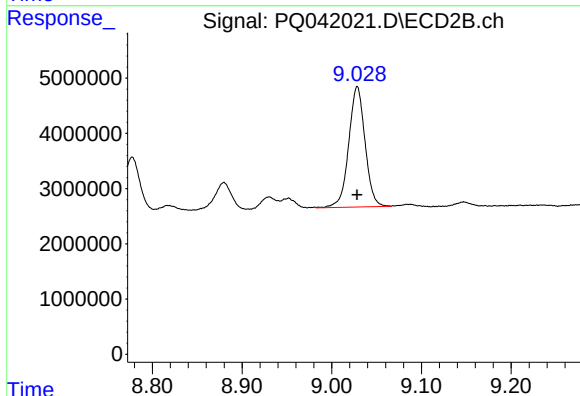
R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 13216763
Conc: 36.06 ng/ml



#37 AR-1262-2

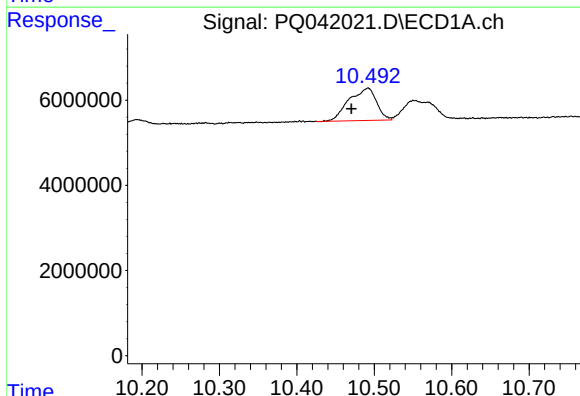
R.T.: 10.135 min
Delta R.T.: -0.001 min
Response: 29127811
Conc: 35.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



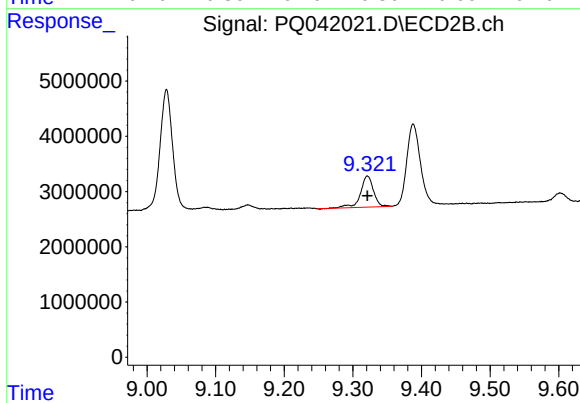
#37 AR-1262-2

R.T.: 9.028 min
Delta R.T.: 0.000 min
Response: 27556834
Conc: 38.30 ng/ml



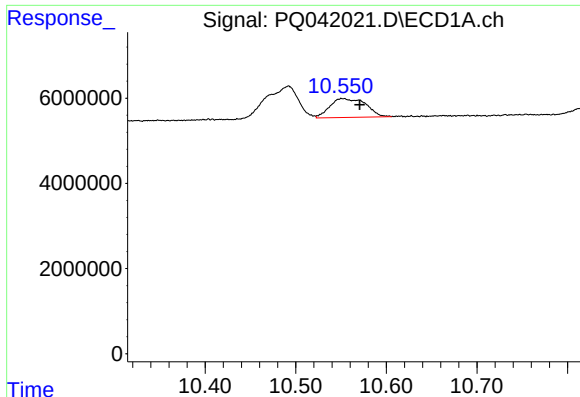
#38 AR-1262-3

R.T.: 10.492 min
Delta R.T.: 0.022 min
Response: 18742268
Conc: 31.91 ng/ml



#38 AR-1262-3

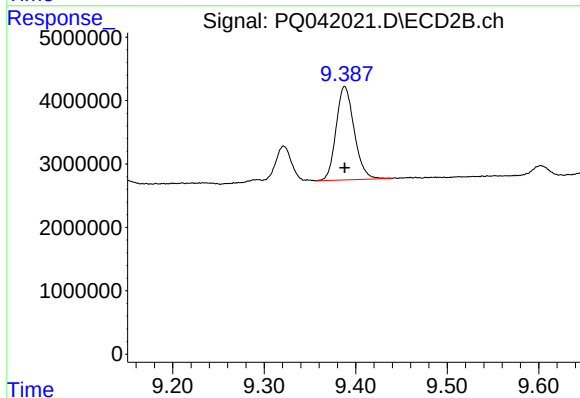
R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 7339200
Conc: 23.98 ng/ml



#39 AR-1262-4

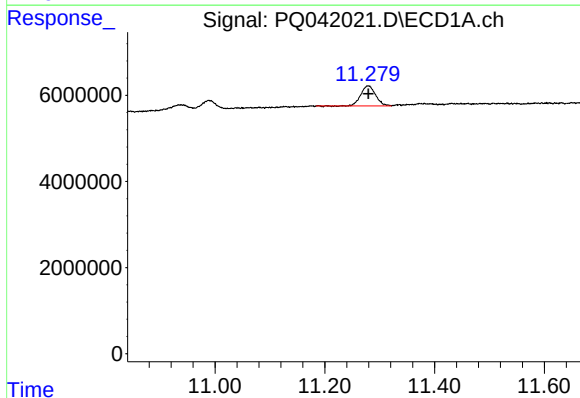
R.T.: 10.551 min
Delta R.T.: -0.019 min
Response: 12204476
Conc: 25.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



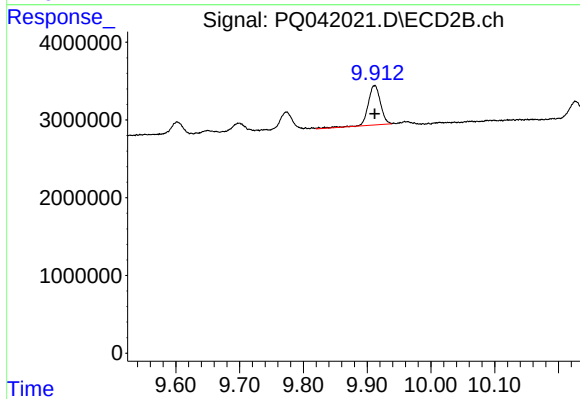
#39 AR-1262-4

R.T.: 9.388 min
Delta R.T.: 0.000 min
Response: 20244767
Conc: 37.01 ng/ml



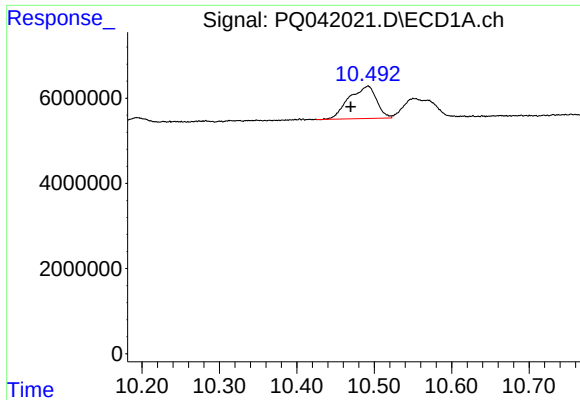
#40 AR-1262-5

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 8745131
Conc: 24.94 ng/ml



#40 AR-1262-5

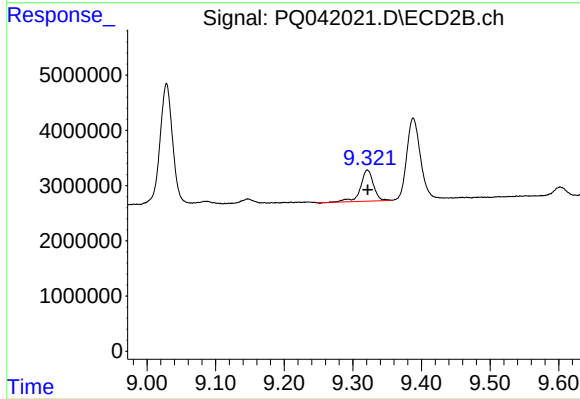
R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 6797881
Conc: 25.82 ng/ml



#41 AR-1268-1

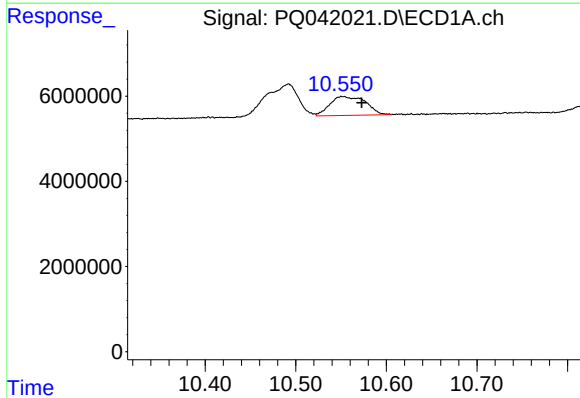
R.T.: 10.492 min
Delta R.T.: 0.022 min
Response: 18742268
Conc: 12.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



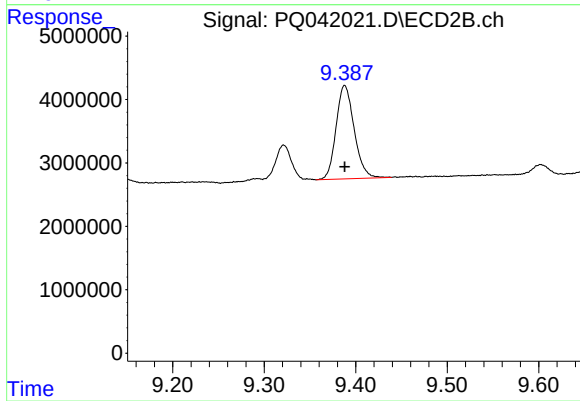
#41 AR-1268-1

R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 7339200
Conc: 5.87 ng/ml



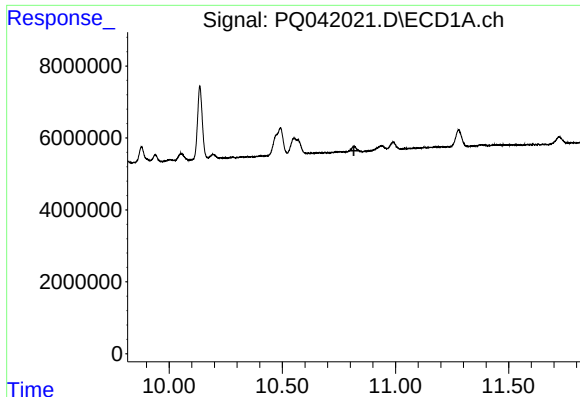
#42 AR-1268-2

R.T.: 10.551 min
Delta R.T.: -0.021 min
Response: 12204476
Conc: 8.98 ng/ml



#42 AR-1268-2

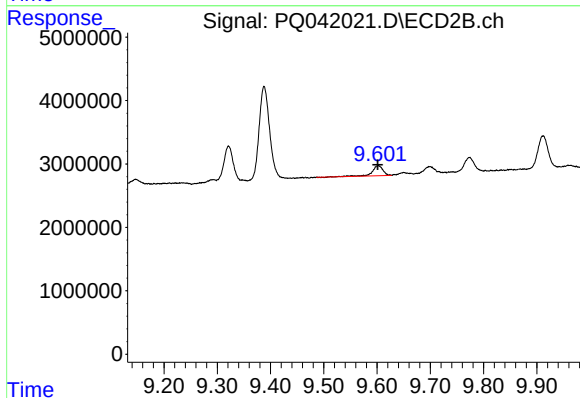
R.T.: 9.388 min
Delta R.T.: 0.000 min
Response: 20244767
Conc: 17.61 ng/ml



#43 AR-1268-3

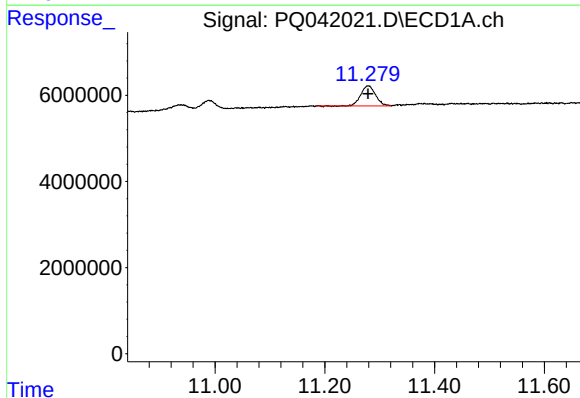
R.T.: 0.000 min
Exp R.T.: 10.816 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



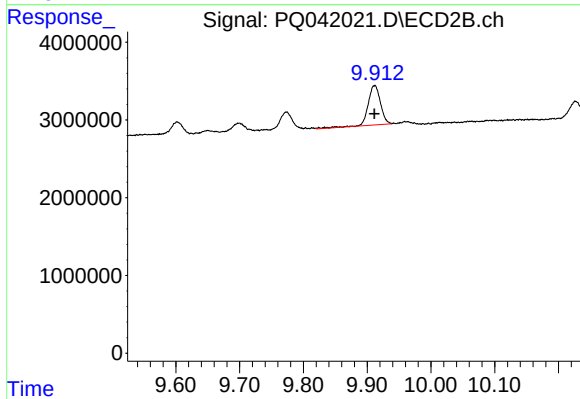
#43 AR-1268-3

R.T.: 9.602 min
Delta R.T.: 0.000 min
Response: 2240319
Conc: 2.27 ng/ml



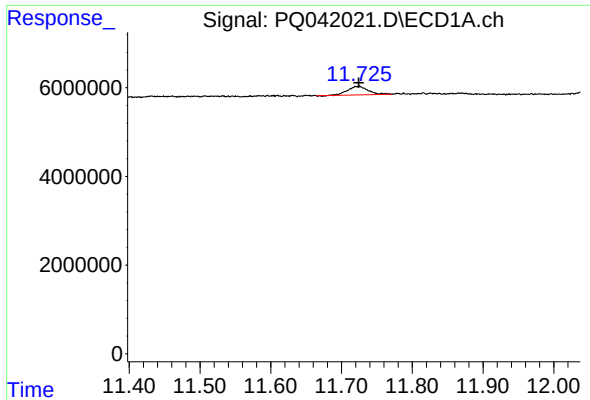
#44 AR-1268-4

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 8745131
Conc: 17.34 ng/ml



#44 AR-1268-4

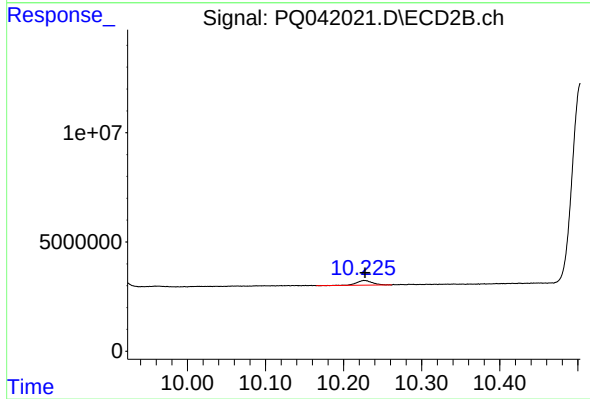
R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 6797881
Conc: 16.92 ng/ml



#45 AR-1268-5

R.T.: 11.726 min
Delta R.T.: 0.001 min
Response: 3927489
Conc: 1.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.227 min
Delta R.T.: 0.000 min
Response: 3019801
Conc: 1.03 ng/ml