

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082619\
 Data File : PQ042940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2019 04:02
 Operator : SM\AJ
 Sample : K4502-15
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQ87

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 08:51:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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...	5.634	4.694	67920654	63242878	25.376	27.322
2)	SA Decachlor...	11.984	10.426	524.7E6	407.8E6	62.155	60.707
Target Compounds							
3)	L1 AR-1016-1	7.081	6.146	74277751	67405965	714.961	683.345
4)	L1 AR-1016-2	7.105	6.167	228.2E6	209.1E6	1431.675	1378.137
5)	L1 AR-1016-3	7.184	6.381	17955098	66426692	176.740	883.759 #
6)	L1 AR-1016-4	7.287	6.435	66916115	168.7E6	835.226	2428.284 #
7)	L1 AR-1016-5	7.622	6.687	183.4E6	186.1E6	2239.146	2065.753
9)	L2 AR-1221-2	6.024	0.000	2322414	0	98.249	N.D. #
10)	L2 AR-1221-3	6.132	0.000	5426889	0	65.811	N.D. #
11)	L3 AR-1232-1	6.132	0.000	5426889	0	75.946	N.D. #
12)	L3 AR-1232-2	6.764	6.167	64928177	209.1E6	1645.560	2496.175 #
13)	L3 AR-1232-3	7.105	6.381	228.2E6	66426692	2752.088	1543.716 #
14)	L3 AR-1232-4	7.287	6.484	66916115	173.7E6	1554.418	4051.805 #
15)	L3 AR-1232-5	7.394	6.687	164.7E6	186.1E6	5758.336	4114.518 #
16)	L4 AR-1242-1	7.081	6.146	74277751	67405965	730.032	684.789
17)	L4 AR-1242-2	7.105	6.167	228.2E6	209.1E6	1498.364	1407.346
18)	L4 AR-1242-3	7.184	6.381	17955098	66426692	188.155	874.072 #
19)	L4 AR-1242-4	7.287	6.484	66916115	173.7E6	869.284	2082.419 #
20)	L4 AR-1242-5	8.111	7.096	224.7E6	276.7E6	2346.968	2428.342
21)	L5 AR-1248-1	7.081	6.146	74277751	67405965	939.663	850.342
22)	L5 AR-1248-2	7.394	6.435	164.7E6	168.7E6	1455.528	1425.057
23)	L5 AR-1248-3	7.622	6.484	183.4E6	173.7E6	1356.717	1438.092
24)	L5 AR-1248-4	8.070	6.687	195.2E6	186.1E6	1204.941	1270.941
25)	L5 AR-1248-5	8.111	7.142	224.7E6	209.0E6	1434.132	1341.492
26)	L6 AR-1254-1	8.038	7.096	172.2E6	276.7E6	1030.443	1128.138
27)	L6 AR-1254-2	8.280	7.264	239.7E6	104.4E6	891.056	468.123 #
28)	L6 AR-1254-3	8.670	7.710	164.6E6	182.5E6	546.654	485.423
29)	L6 AR-1254-4	8.973	7.959	97260574	100.3E6	426.915	414.981
30)	L6 AR-1254-5	9.411	8.404	79335430	87438815	292.939	236.928
31)	L7 AR-1260-1	8.842	7.854	41144500	81220339	229.655	418.950 #
32)	L7 AR-1260-2	9.112	8.056	48732223	55432031	207.213	217.726
33)	L7 AR-1260-3	9.486	8.218	28061208	40190470	131.321	176.405 #
34)	L7 AR-1260-4	9.722	8.715	51506643	26789995	218.453	124.168 #
35)	L7 AR-1260-5	10.070	8.969	63803052	70193937	111.961	120.375
36)	L8 AR-1262-1	9.486	8.501	28061208	21506489	69.846	116.105 #
37)	L8 AR-1262-2	10.070	8.969	63803052	70193937	79.770	81.266
38)	L8 AR-1262-3	10.400	9.260	69571342	38365071	117.481	102.404
39)	L8 AR-1262-4	10.497	9.327	40769040	64588202	81.860	94.078
40)	L8 AR-1262-5	11.196	9.845	24025690	21368340	64.392	65.024
41)	L9 AR-1268-1	10.400	9.260	69571342	38365071	64.739	35.845 #
42)	L9 AR-1268-2	10.497	9.327	40769040	64588202	38.853	62.860 #
43)	L9 AR-1268-3	10.738	9.538	82833522	73345410	86.521	83.148

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082619\
 Data File : PQ042940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2019 04:02
 Operator : SM\AJ
 Sample : K4502-15
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

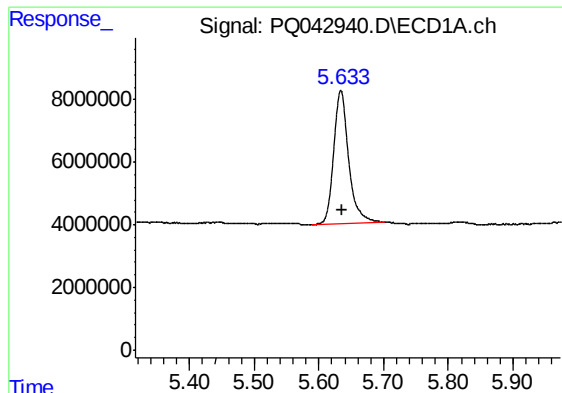
Instrument :
 ECD_Q
 ClientSampleId :
 ETQ87

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 08:51:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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
44) L9	AR-1268-4	11.196	9.845	24025690	21368340	59.895	59.969
45) L9	AR-1268-5	11.630	10.155	244.8E6	195.0E6	73.345	69.737

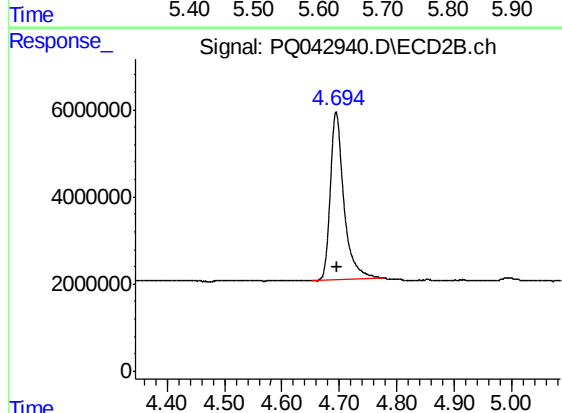
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

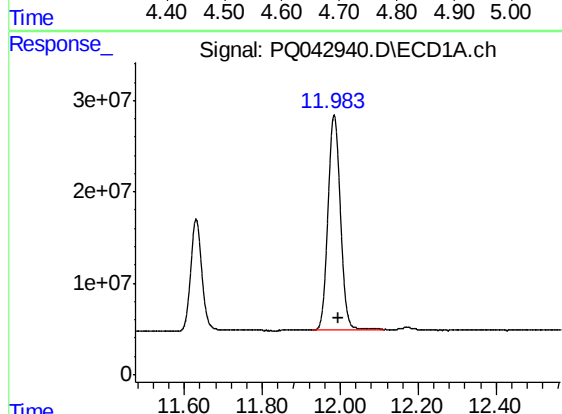
R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 67920654
Conc: 25.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



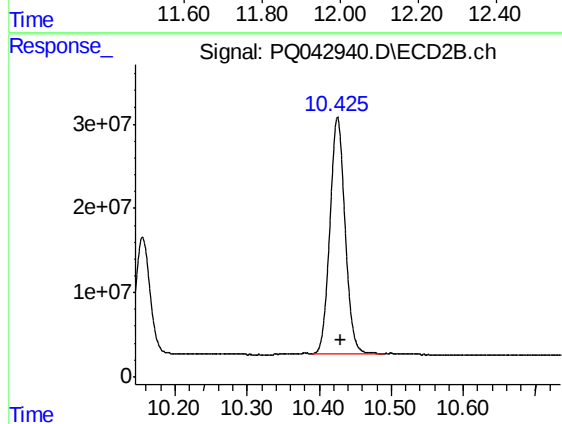
#1 Tetrachloro-m-xylene

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 63242878
Conc: 27.32 ng/ml



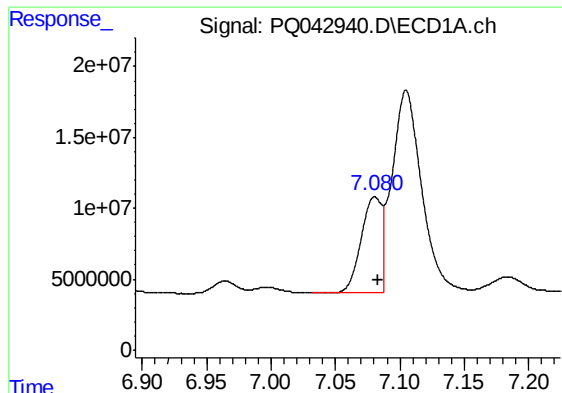
#2 Decachlorobiphenyl

R.T.: 11.984 min
Delta R.T.: -0.009 min
Response: 524721735
Conc: 62.16 ng/ml



#2 Decachlorobiphenyl

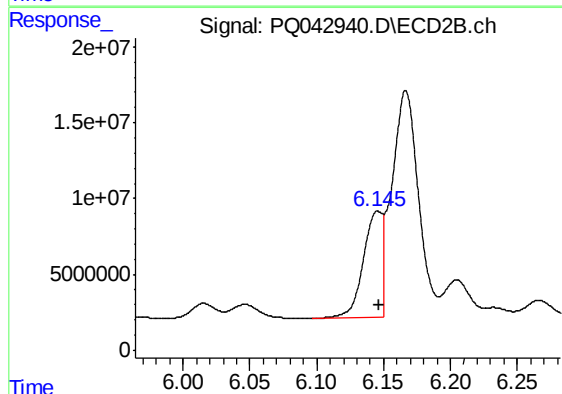
R.T.: 10.426 min
Delta R.T.: -0.005 min
Response: 407813828
Conc: 60.71 ng/ml



#3 AR-1016-1

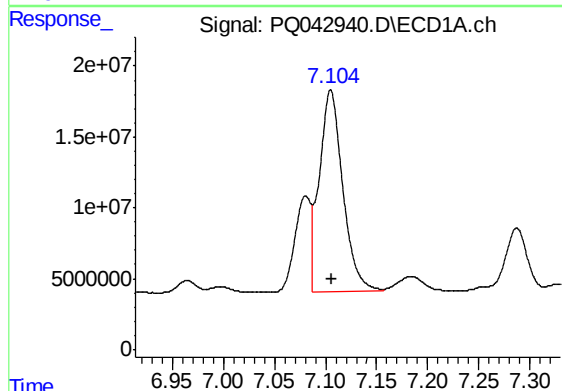
R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 74277751
Conc: 714.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



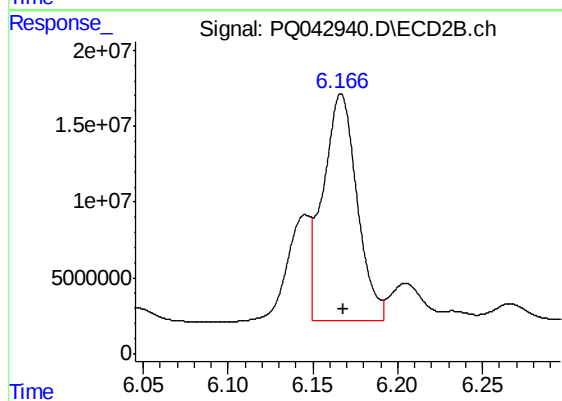
#3 AR-1016-1

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 67405965
Conc: 683.34 ng/ml



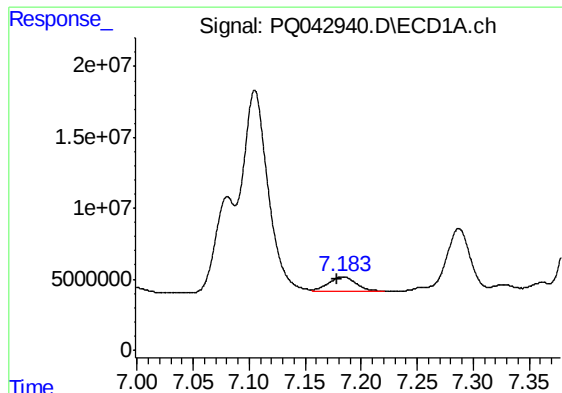
#4 AR-1016-2

R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 228246987
Conc: 1431.67 ng/ml



#4 AR-1016-2

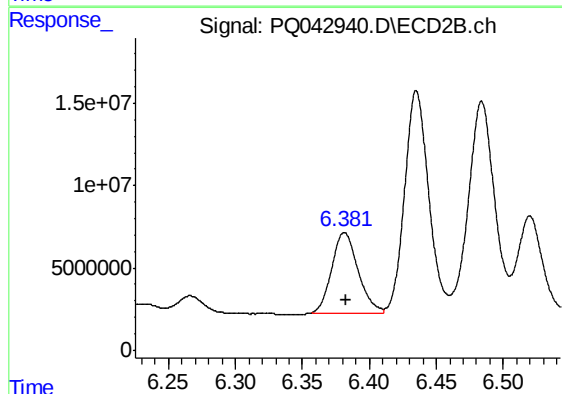
R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 209059482
Conc: 1378.14 ng/ml



#5 AR-1016-3

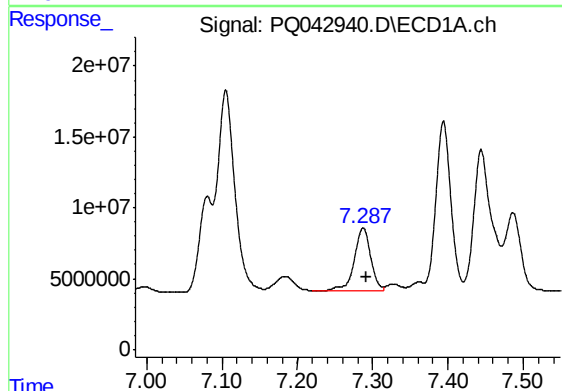
R.T.: 7.184 min
Delta R.T.: 0.006 min
Response: 17955098
Conc: 176.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



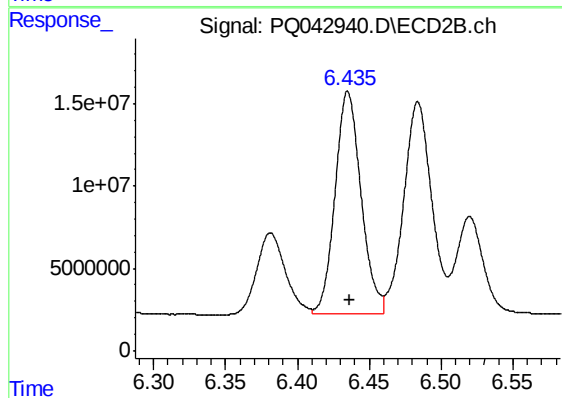
#5 AR-1016-3

R.T.: 6.381 min
Delta R.T.: -0.001 min
Response: 66426692
Conc: 883.76 ng/ml



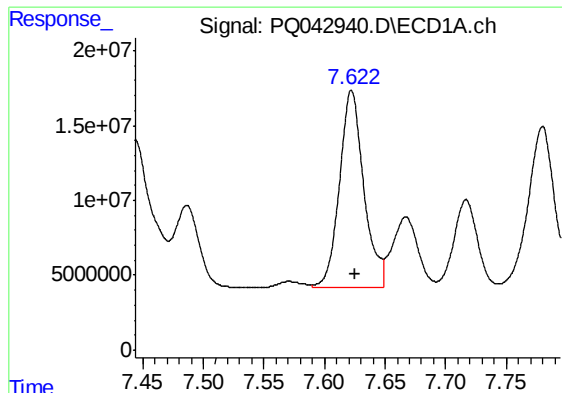
#6 AR-1016-4

R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 66916115
Conc: 835.23 ng/ml



#6 AR-1016-4

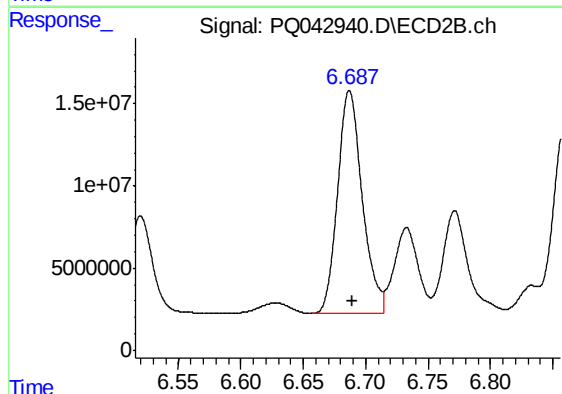
R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 168694342
Conc: 2428.28 ng/ml



#7 AR-1016-5

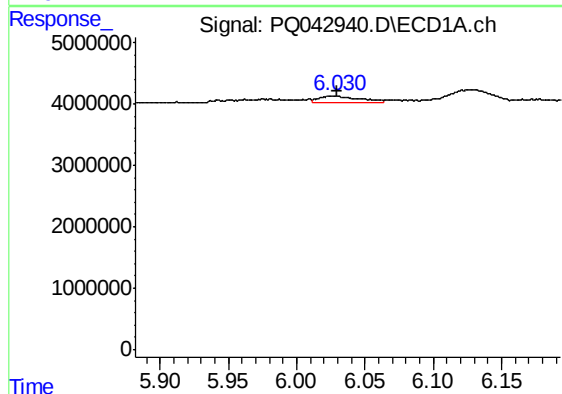
R.T.: 7.622 min
Delta R.T.: -0.003 min
Response: 183429347
Conc: 2239.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



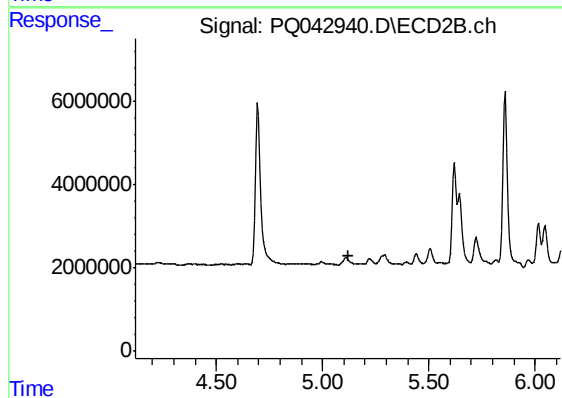
#7 AR-1016-5

R.T.: 6.687 min
Delta R.T.: -0.003 min
Response: 186132389
Conc: 2065.75 ng/ml



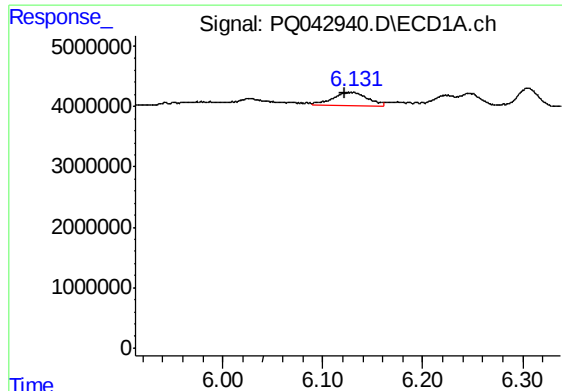
#9 AR-1221-2

R.T.: 6.024 min
Delta R.T.: -0.005 min
Response: 2322414
Conc: 98.25 ng/ml



#9 AR-1221-2

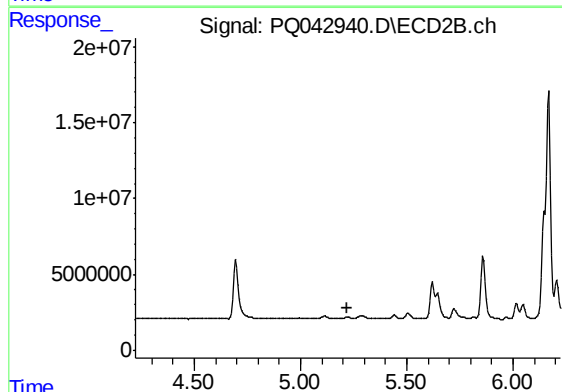
R.T.: 0.000 min
Exp R.T. : 5.120 min
Response: 0
Conc: N.D.



#10 AR-1221-3

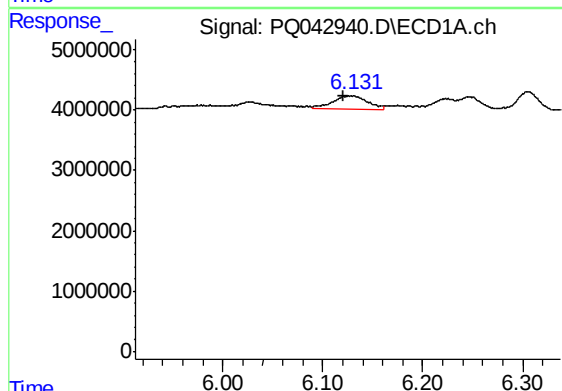
R.T.: 6.132 min
Delta R.T.: 0.010 min
Response: 5426889
Conc: 65.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



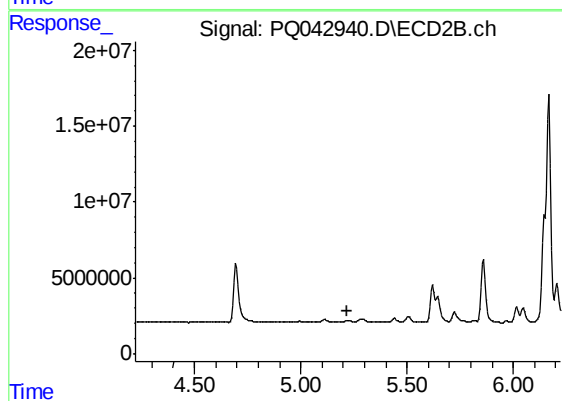
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.223 min
Response: 0
Conc: N.D.



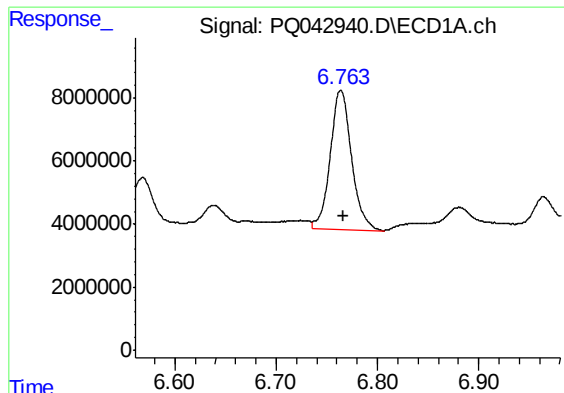
#11 AR-1232-1

R.T.: 6.132 min
Delta R.T.: 0.011 min
Response: 5426889
Conc: 75.95 ng/ml



#11 AR-1232-1

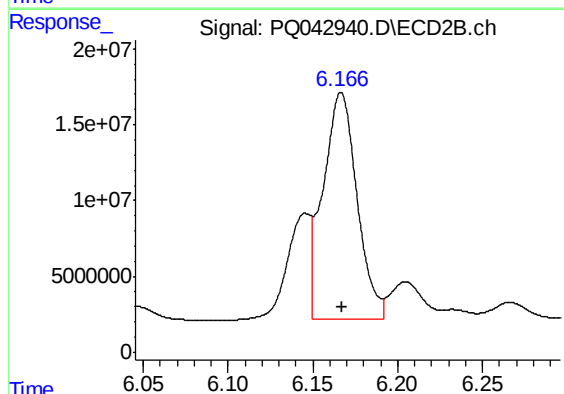
R.T.: 0.000 min
Exp R.T. : 5.222 min
Response: 0
Conc: N.D.



#12 AR-1232-2

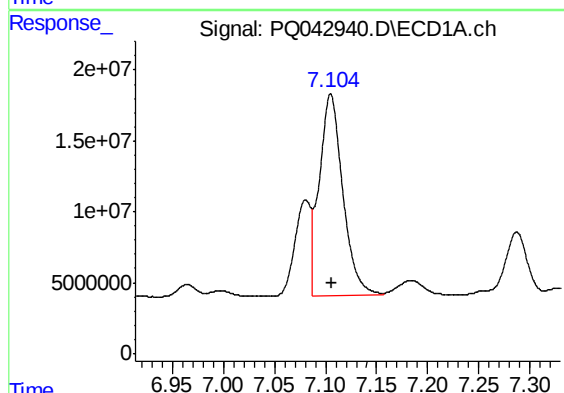
R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 64928177
Conc: 1645.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



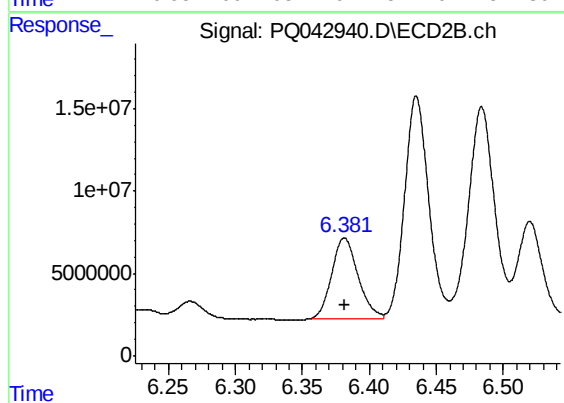
#12 AR-1232-2

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 209059482
Conc: 2496.17 ng/ml



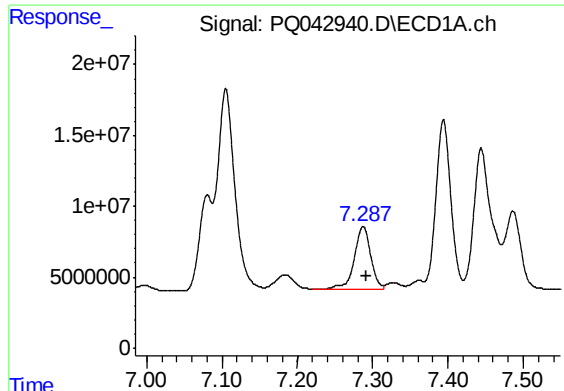
#13 AR-1232-3

R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 228246987
Conc: 2752.09 ng/ml



#13 AR-1232-3

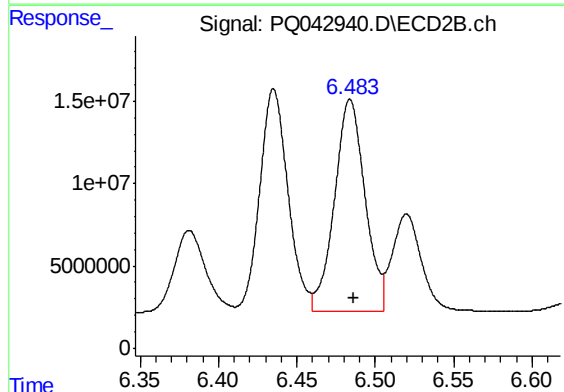
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 66426692
Conc: 1543.72 ng/ml



#14 AR-1232-4

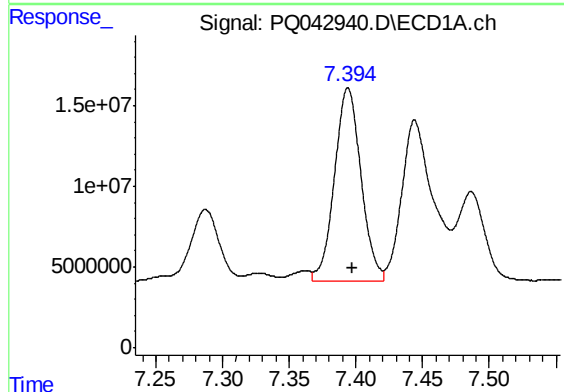
R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 66916115
Conc: 1554.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



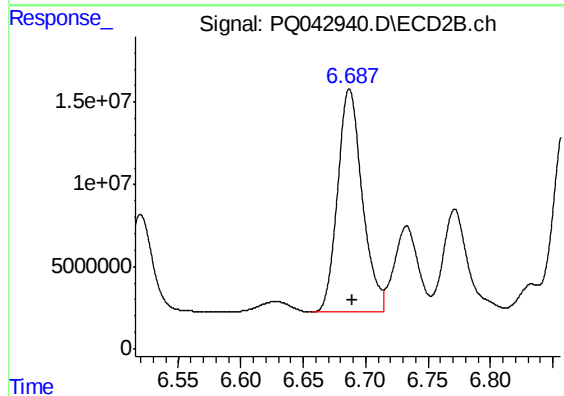
#14 AR-1232-4

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 173698724
Conc: 4051.80 ng/ml



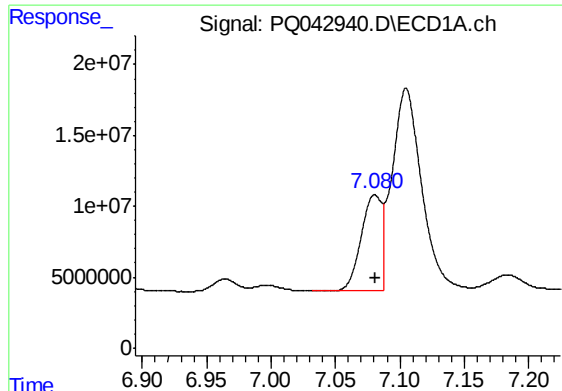
#15 AR-1232-5

R.T.: 7.394 min
Delta R.T.: -0.004 min
Response: 164739465
Conc: 5758.34 ng/ml



#15 AR-1232-5

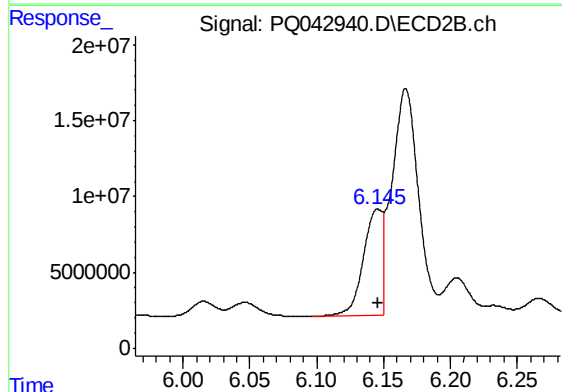
R.T.: 6.687 min
Delta R.T.: -0.003 min
Response: 186132389
Conc: 4114.52 ng/ml



#16 AR-1242-1

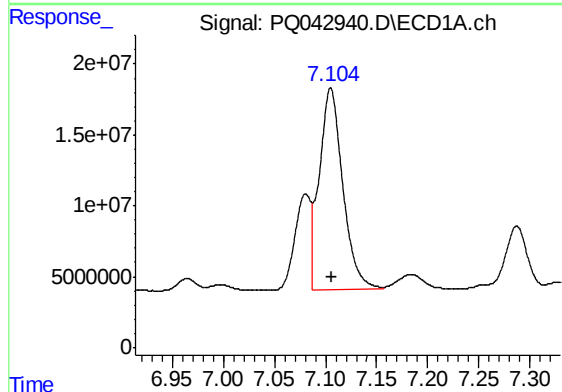
R.T.: 7.081 min
Delta R.T.: 0.000 min
Response: 74277751
Conc: 730.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



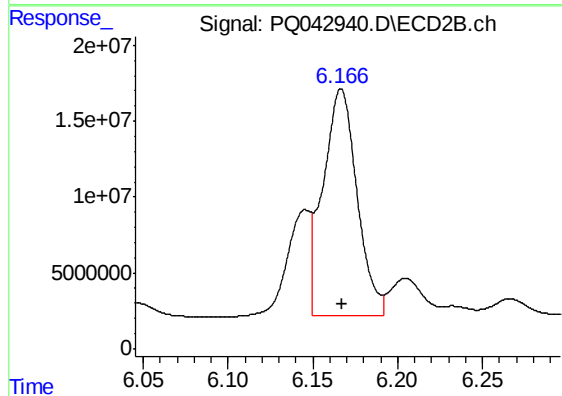
#16 AR-1242-1

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 67405965
Conc: 684.79 ng/ml



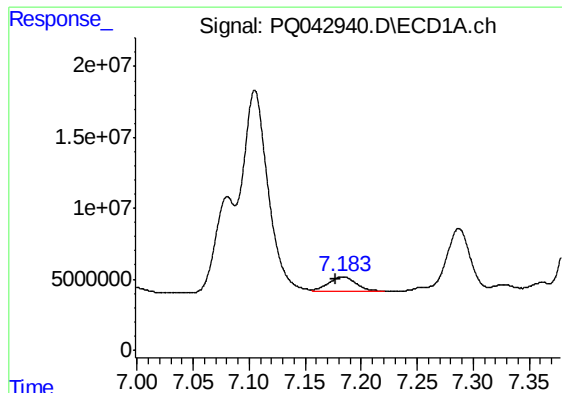
#17 AR-1242-2

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 228246987
Conc: 1498.36 ng/ml



#17 AR-1242-2

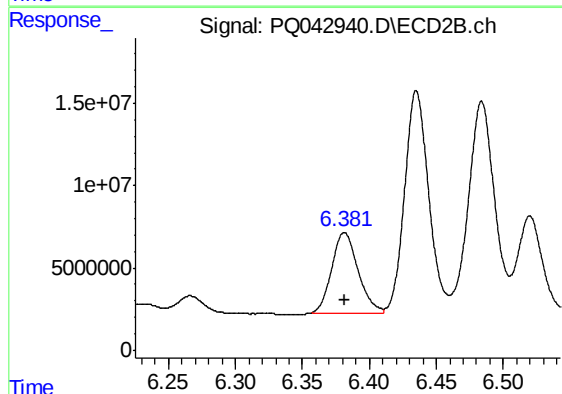
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 209059482
Conc: 1407.35 ng/ml



#18 AR-1242-3

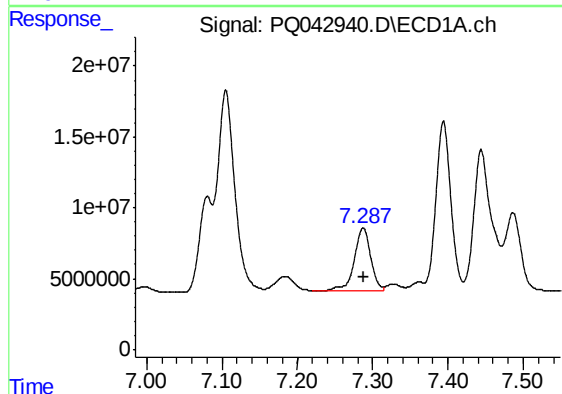
R.T.: 7.184 min
Delta R.T.: 0.006 min
Response: 17955098
Conc: 188.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



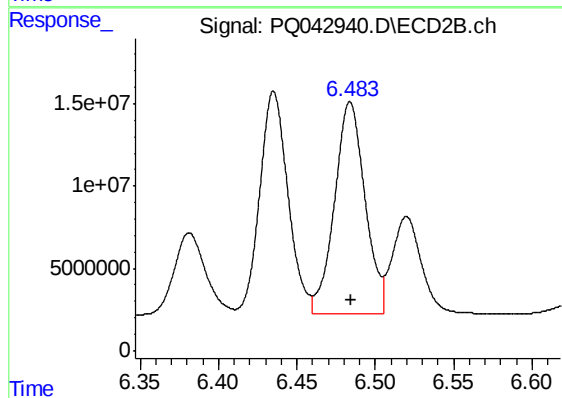
#18 AR-1242-3

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 66426692
Conc: 874.07 ng/ml



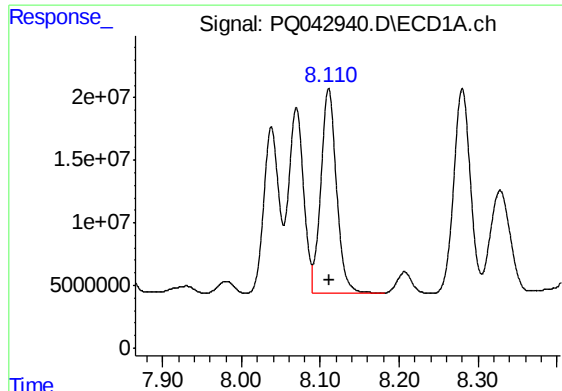
#19 AR-1242-4

R.T.: 7.287 min
Delta R.T.: -0.002 min
Response: 66916115
Conc: 869.28 ng/ml



#19 AR-1242-4

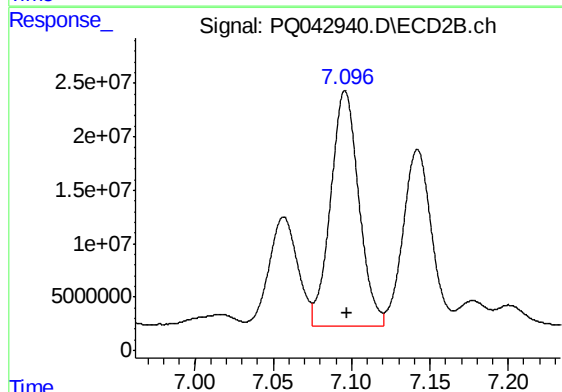
R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 173698724
Conc: 2082.42 ng/ml



#20 AR-1242-5

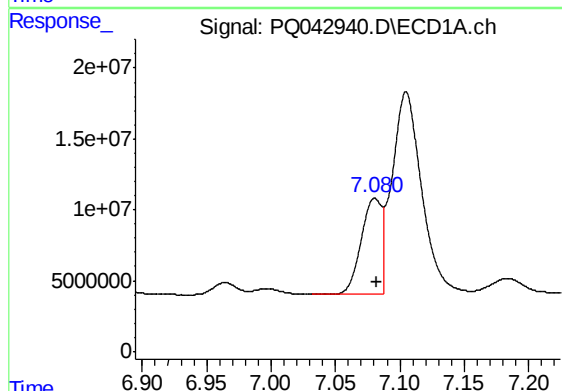
R.T.: 8.111 min
Delta R.T.: -0.002 min
Response: 224748309
Conc: 2346.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



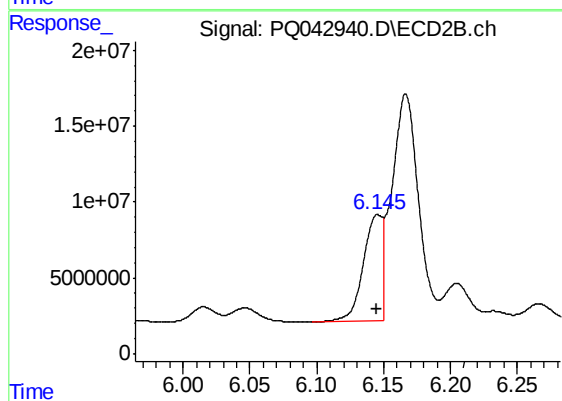
#20 AR-1242-5

R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 276676222
Conc: 2428.34 ng/ml



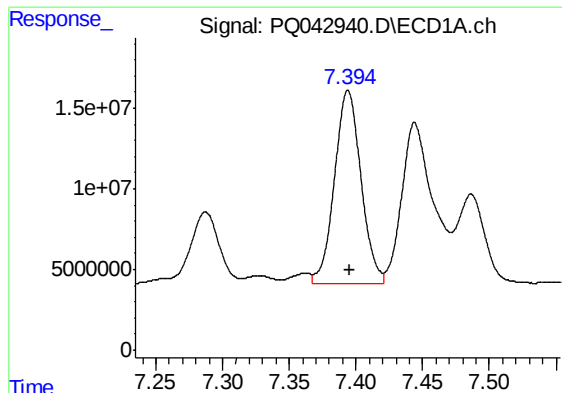
#21 AR-1248-1

R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 74277751
Conc: 939.66 ng/ml



#21 AR-1248-1

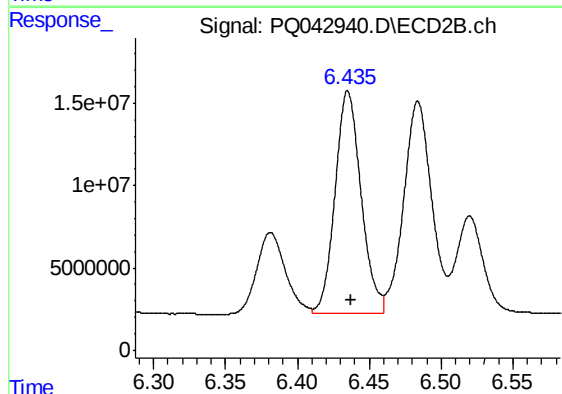
R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 67405965
Conc: 850.34 ng/ml



#22 AR-1248-2

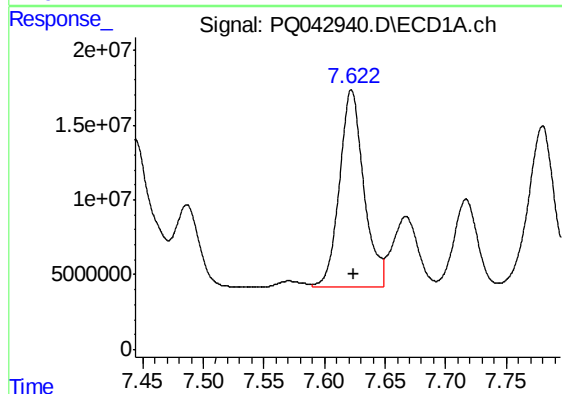
R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 164739465
Conc: 1455.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



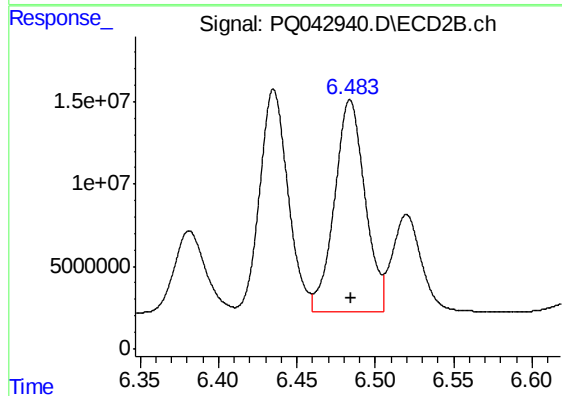
#22 AR-1248-2

R.T.: 6.435 min
Delta R.T.: -0.002 min
Response: 168694342
Conc: 1425.06 ng/ml



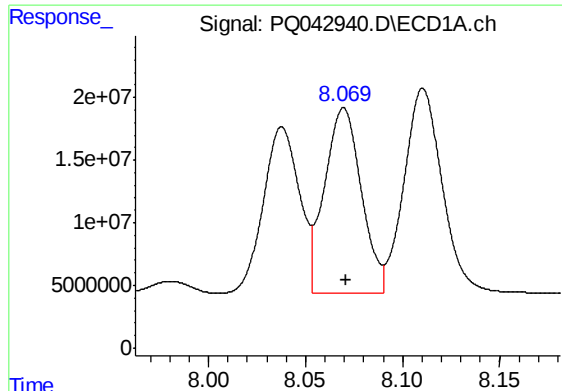
#23 AR-1248-3

R.T.: 7.622 min
Delta R.T.: -0.001 min
Response: 183429347
Conc: 1356.72 ng/ml



#23 AR-1248-3

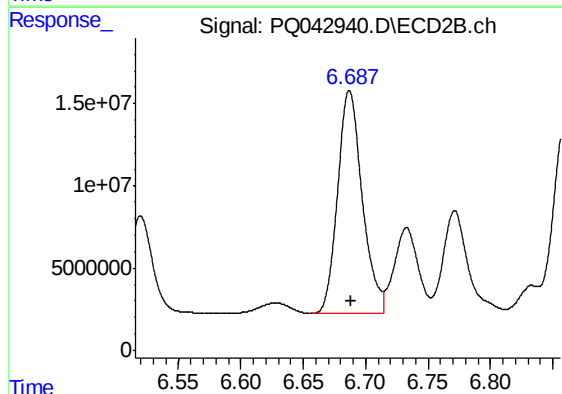
R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 173698724
Conc: 1438.09 ng/ml



#24 AR-1248-4

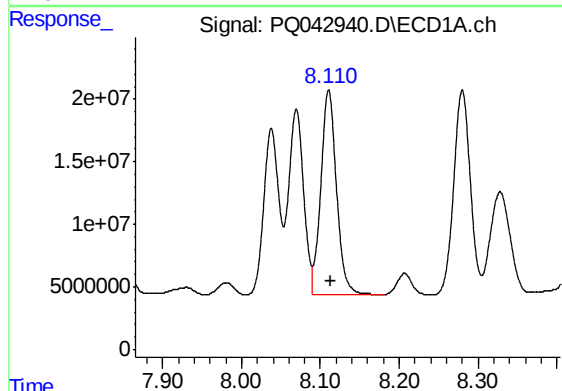
R.T.: 8.070 min
Delta R.T.: -0.001 min
Response: 195245771
Conc: 1204.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



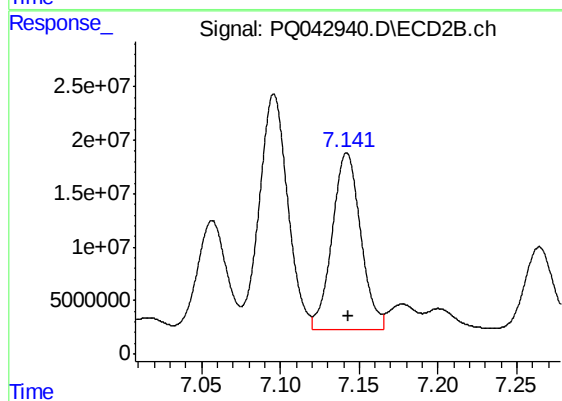
#24 AR-1248-4

R.T.: 6.687 min
Delta R.T.: -0.001 min
Response: 186132389
Conc: 1270.94 ng/ml



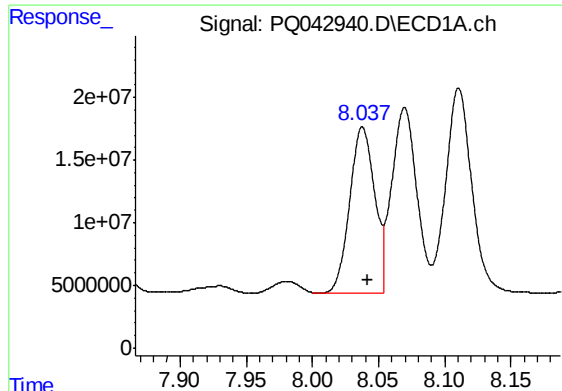
#25 AR-1248-5

R.T.: 8.111 min
Delta R.T.: -0.002 min
Response: 224748309
Conc: 1434.13 ng/ml



#25 AR-1248-5

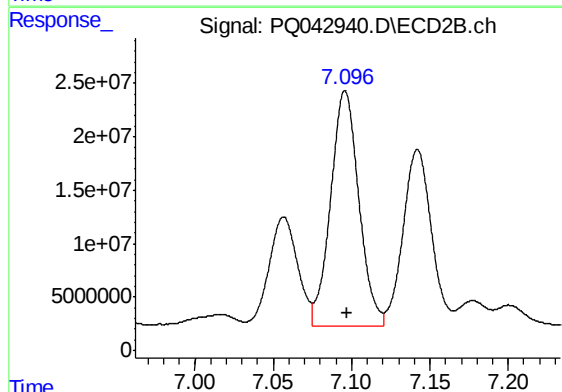
R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 208953156
Conc: 1341.49 ng/ml



#26 AR-1254-1

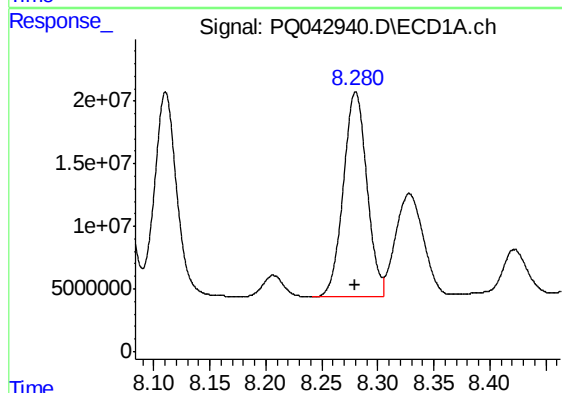
R.T.: 8.038 min
Delta R.T.: -0.004 min
Response: 172187894
Conc: 1030.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



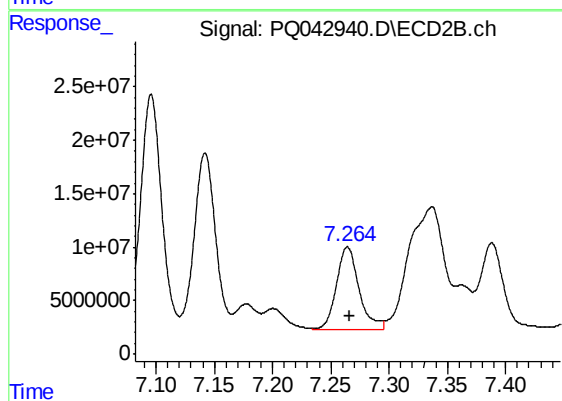
#26 AR-1254-1

R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 276676222
Conc: 1128.14 ng/ml



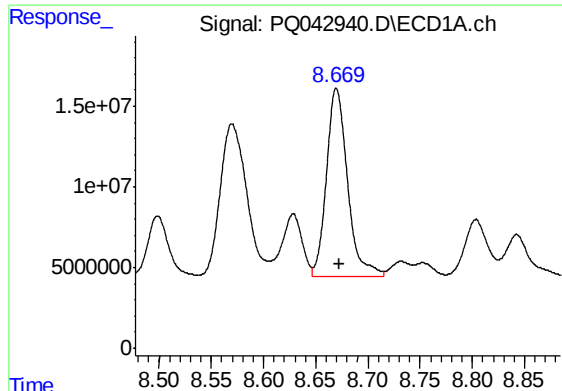
#27 AR-1254-2

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 239650501
Conc: 891.06 ng/ml



#27 AR-1254-2

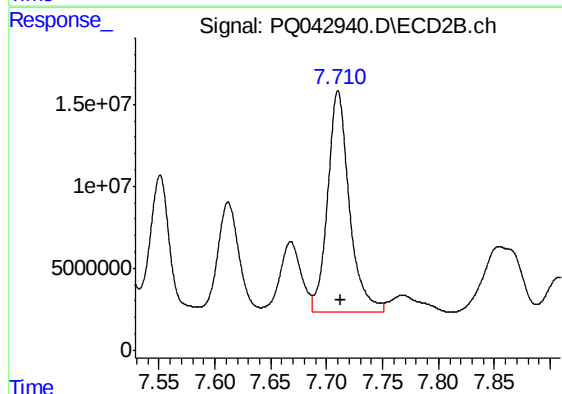
R.T.: 7.264 min
Delta R.T.: -0.002 min
Response: 104410463
Conc: 468.12 ng/ml



#28 AR-1254-3

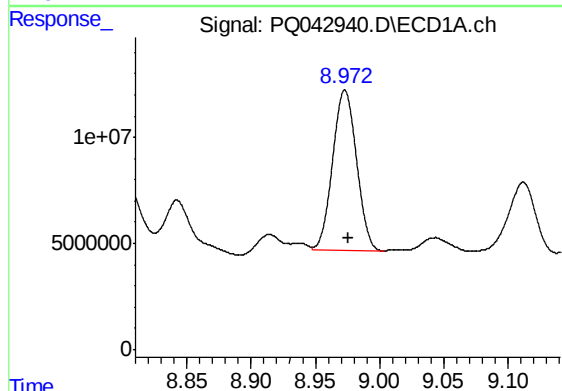
R.T.: 8.670 min
Delta R.T.: -0.003 min
Response: 164640428
Conc: 546.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



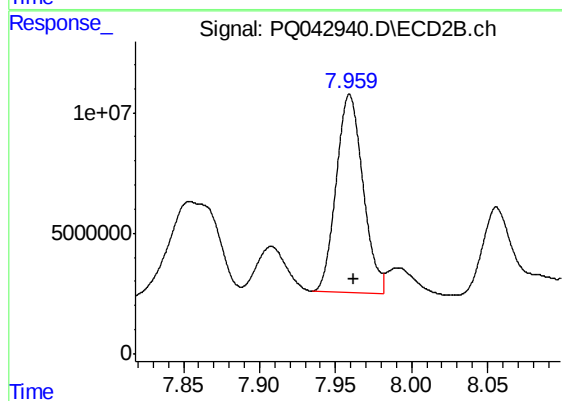
#28 AR-1254-3

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 182457730
Conc: 485.42 ng/ml



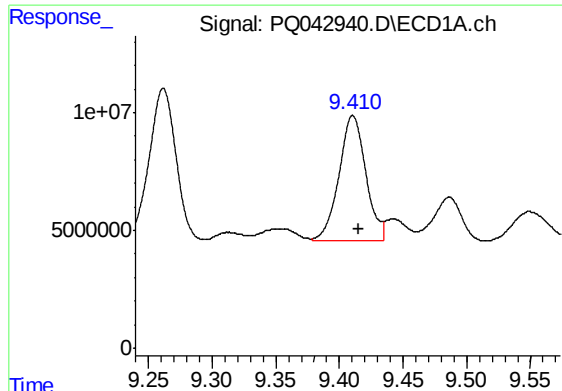
#29 AR-1254-4

R.T.: 8.973 min
Delta R.T.: -0.003 min
Response: 97260574
Conc: 426.92 ng/ml



#29 AR-1254-4

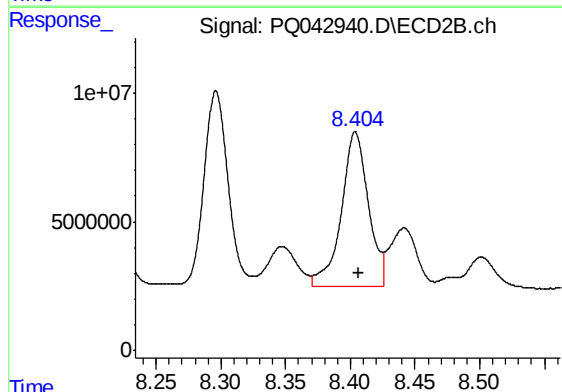
R.T.: 7.959 min
Delta R.T.: -0.003 min
Response: 100341712
Conc: 414.98 ng/ml



#30 AR-1254-5

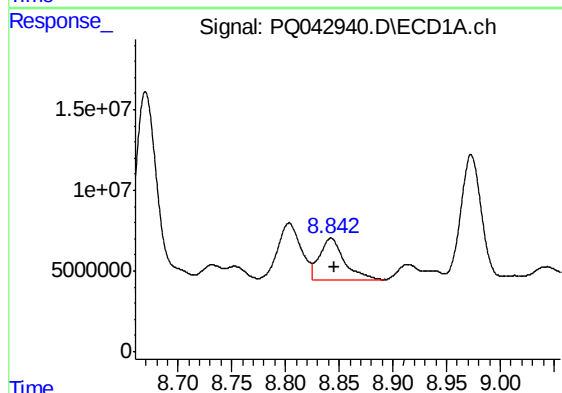
R.T.: 9.411 min
Delta R.T.: -0.004 min
Response: 79335430
Conc: 292.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



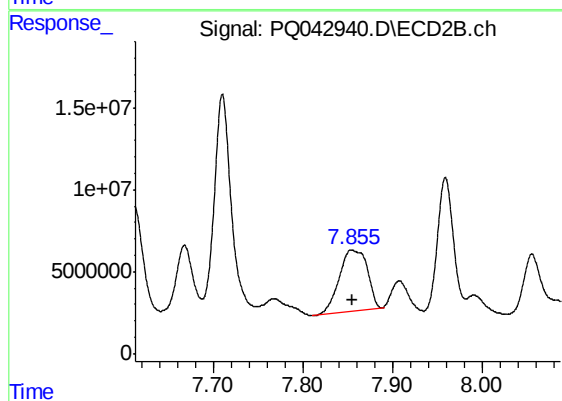
#30 AR-1254-5

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 87438815
Conc: 236.93 ng/ml



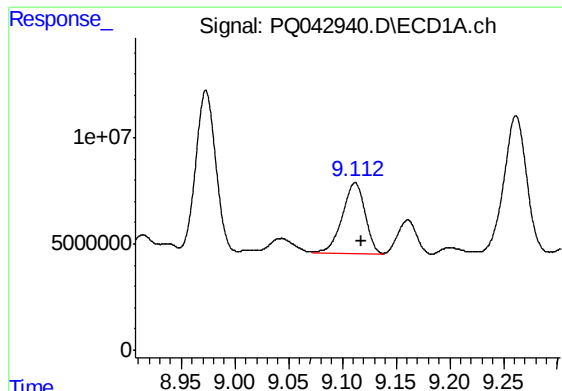
#31 AR-1260-1

R.T.: 8.842 min
Delta R.T.: -0.003 min
Response: 41144500
Conc: 229.65 ng/ml



#31 AR-1260-1

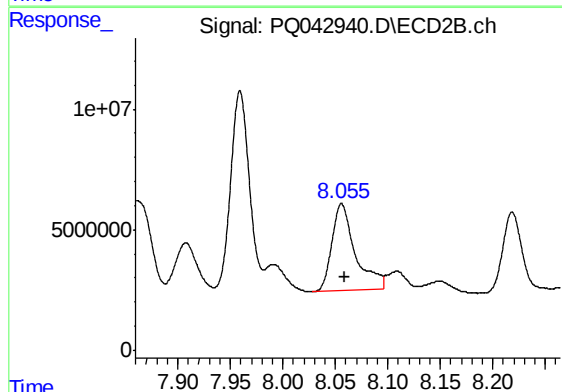
R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 81220339
Conc: 418.95 ng/ml



#32 AR-1260-2

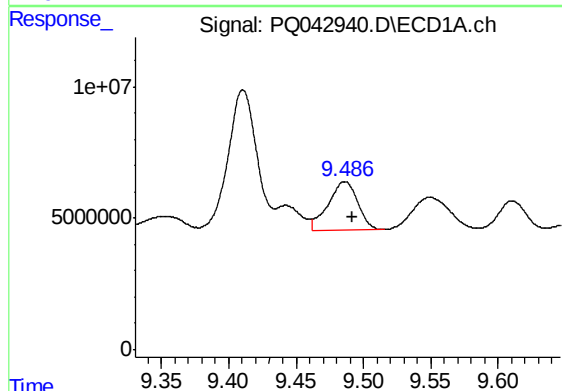
R.T.: 9.112 min
Delta R.T.: -0.006 min
Response: 48732223
Conc: 207.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



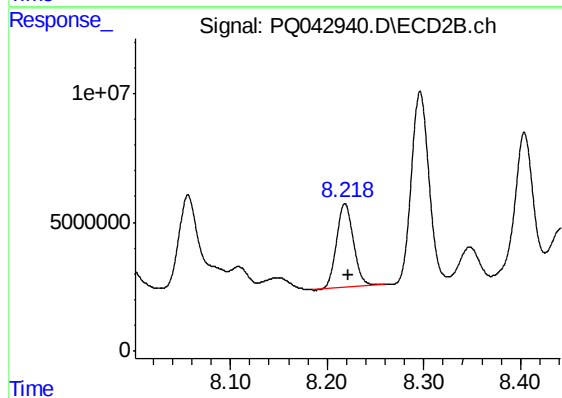
#32 AR-1260-2

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 55432031
Conc: 217.73 ng/ml



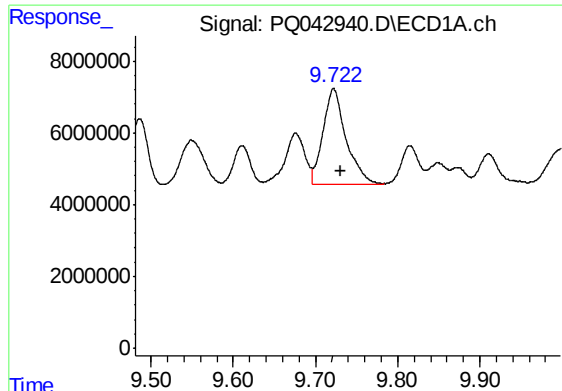
#33 AR-1260-3

R.T.: 9.486 min
Delta R.T.: -0.005 min
Response: 28061208
Conc: 131.32 ng/ml



#33 AR-1260-3

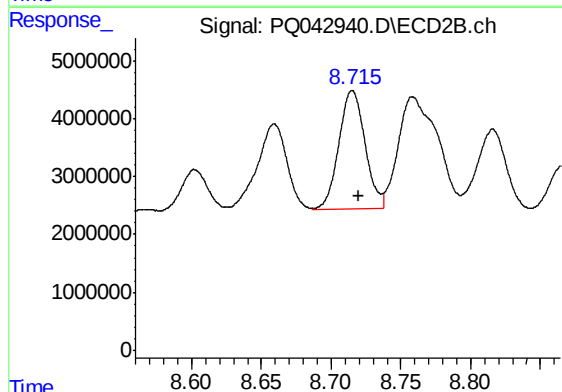
R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 40190470
Conc: 176.40 ng/ml



#34 AR-1260-4

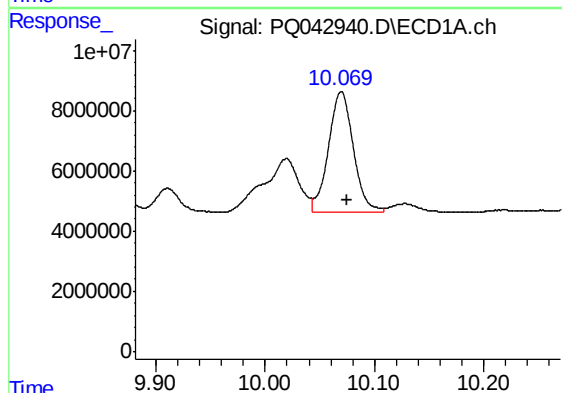
R.T.: 9.722 min
Delta R.T.: -0.009 min
Response: 51506643
Conc: 218.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



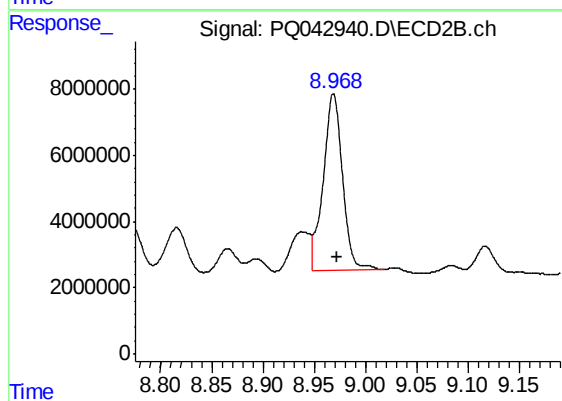
#34 AR-1260-4

R.T.: 8.715 min
Delta R.T.: -0.005 min
Response: 26789995
Conc: 124.17 ng/ml



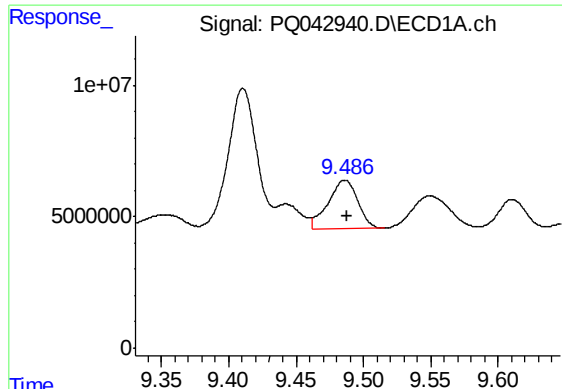
#35 AR-1260-5

R.T.: 10.070 min
Delta R.T.: -0.006 min
Response: 63803052
Conc: 111.96 ng/ml



#35 AR-1260-5

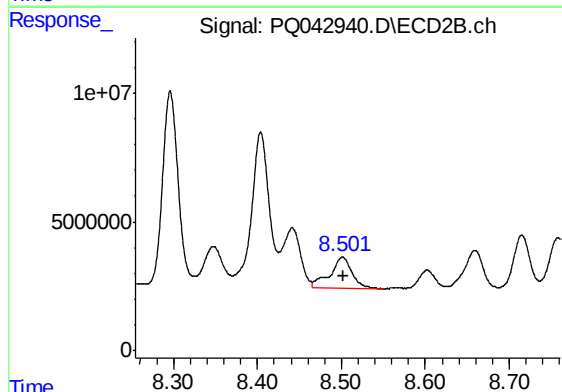
R.T.: 8.969 min
Delta R.T.: -0.003 min
Response: 70193937
Conc: 120.37 ng/ml



#36 AR-1262-1

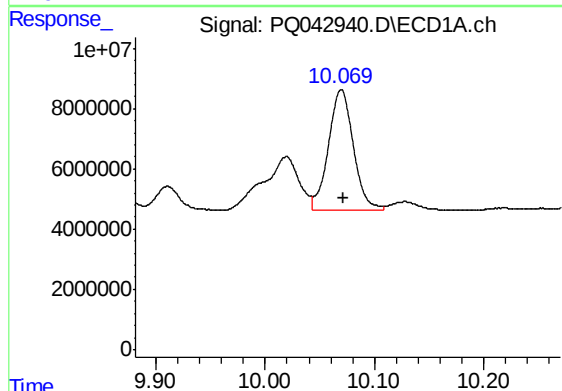
R.T.: 9.486 min
Delta R.T.: -0.002 min
Response: 28061208
Conc: 69.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



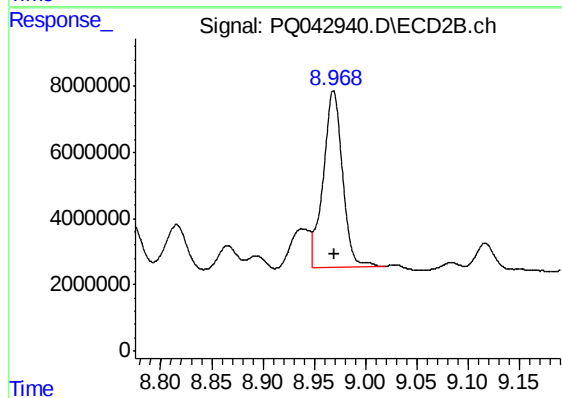
#36 AR-1262-1

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 21506489
Conc: 116.10 ng/ml



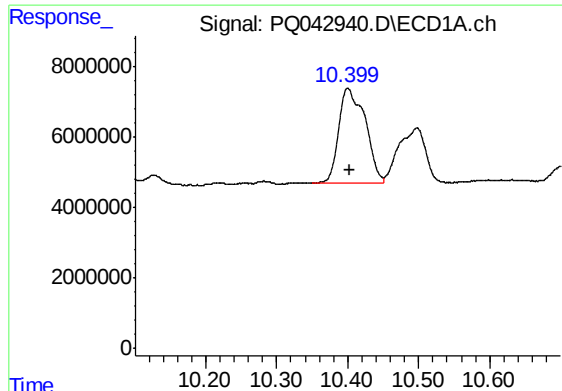
#37 AR-1262-2

R.T.: 10.070 min
Delta R.T.: -0.002 min
Response: 63803052
Conc: 79.77 ng/ml



#37 AR-1262-2

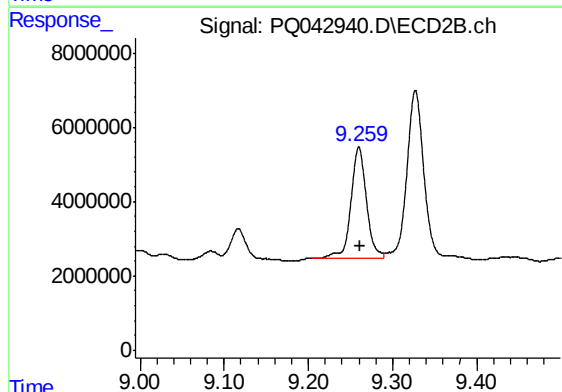
R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 70193937
Conc: 81.27 ng/ml



#38 AR-1262-3

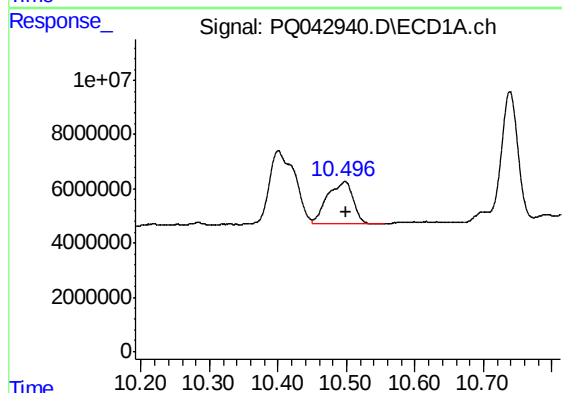
R.T.: 10.400 min
Delta R.T.: -0.002 min
Response: 69571342
Conc: 117.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



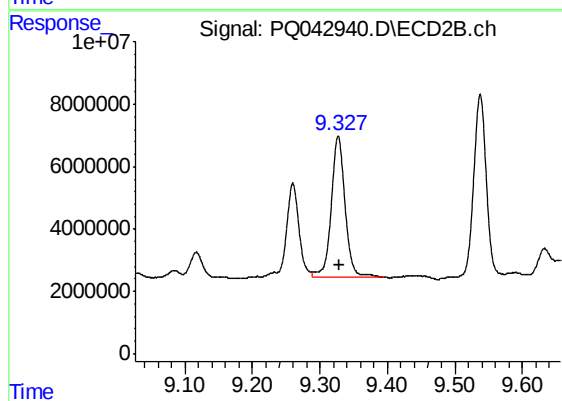
#38 AR-1262-3

R.T.: 9.260 min
Delta R.T.: 0.000 min
Response: 38365071
Conc: 102.40 ng/ml



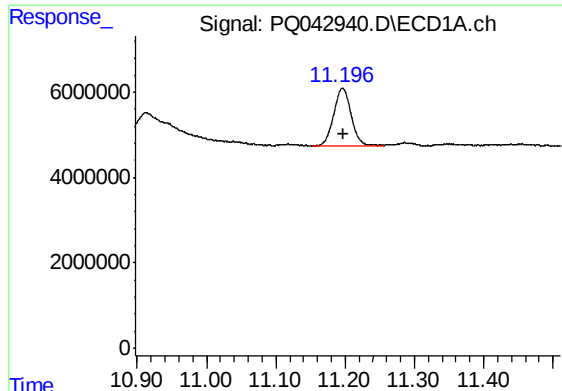
#39 AR-1262-4

R.T.: 10.497 min
Delta R.T.: -0.002 min
Response: 40769040
Conc: 81.86 ng/ml



#39 AR-1262-4

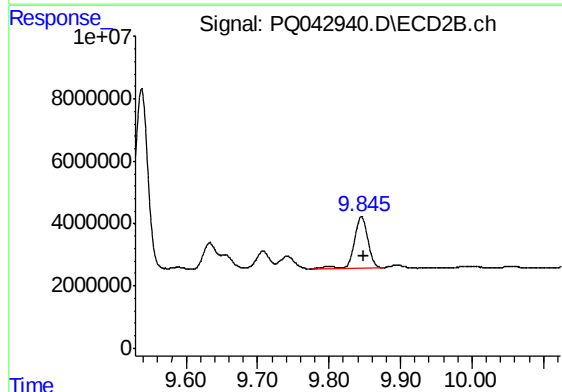
R.T.: 9.327 min
Delta R.T.: -0.002 min
Response: 64588202
Conc: 94.08 ng/ml



#40 AR-1262-5

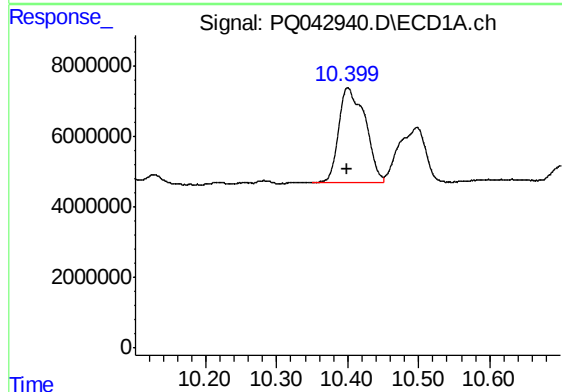
R.T.: 11.196 min
Delta R.T.: -0.001 min
Response: 24025690
Conc: 64.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



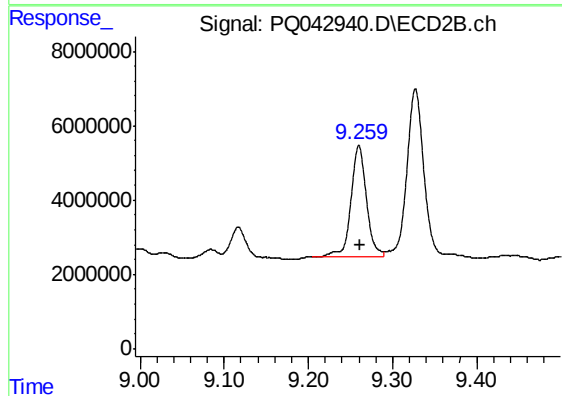
#40 AR-1262-5

R.T.: 9.845 min
Delta R.T.: -0.003 min
Response: 21368340
Conc: 65.02 ng/ml



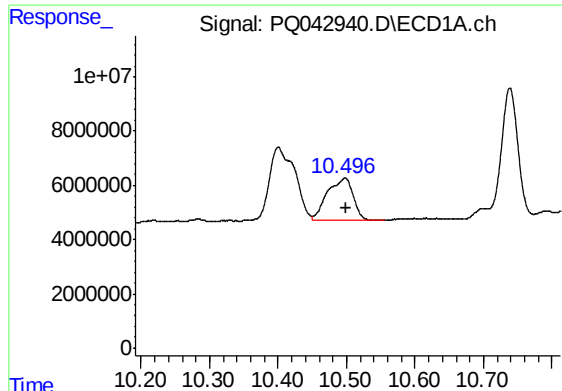
#41 AR-1268-1

R.T.: 10.400 min
Delta R.T.: 0.000 min
Response: 69571342
Conc: 64.74 ng/ml



#41 AR-1268-1

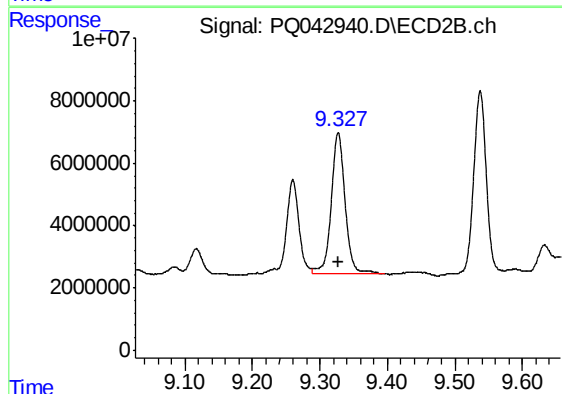
R.T.: 9.260 min
Delta R.T.: 0.000 min
Response: 38365071
Conc: 35.85 ng/ml



#42 AR-1268-2

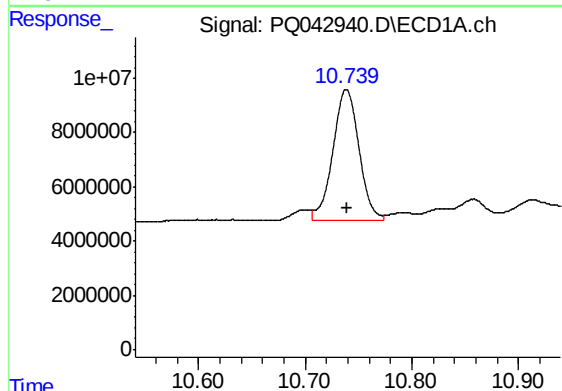
R.T.: 10.497 min
Delta R.T.: -0.002 min
Response: 40769040
Conc: 38.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



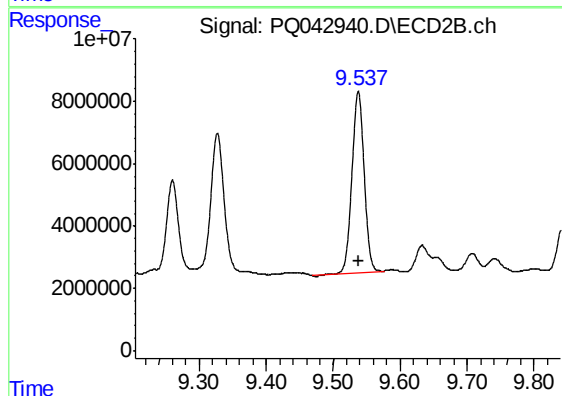
#42 AR-1268-2

R.T.: 9.327 min
Delta R.T.: 0.000 min
Response: 64588202
Conc: 62.86 ng/ml



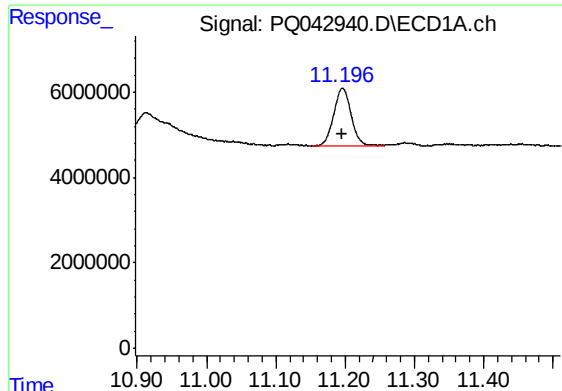
#43 AR-1268-3

R.T.: 10.738 min
Delta R.T.: -0.002 min
Response: 82833522
Conc: 86.52 ng/ml



#43 AR-1268-3

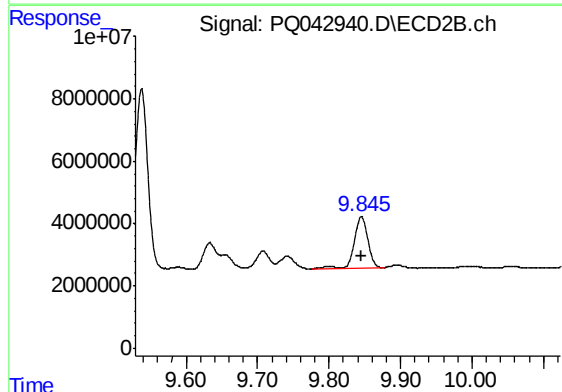
R.T.: 9.538 min
Delta R.T.: 0.000 min
Response: 73345410
Conc: 83.15 ng/ml



#44 AR-1268-4

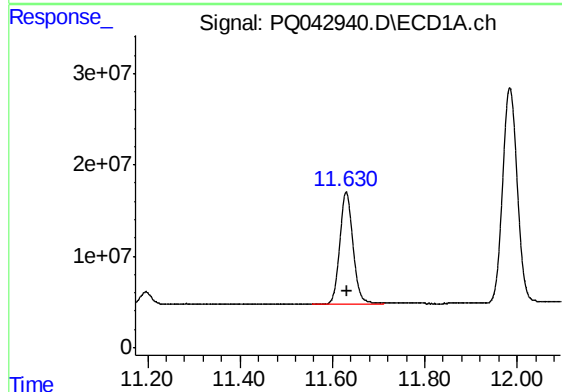
R.T.: 11.196 min
Delta R.T.: 0.000 min
Response: 24025690
Conc: 59.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQ87



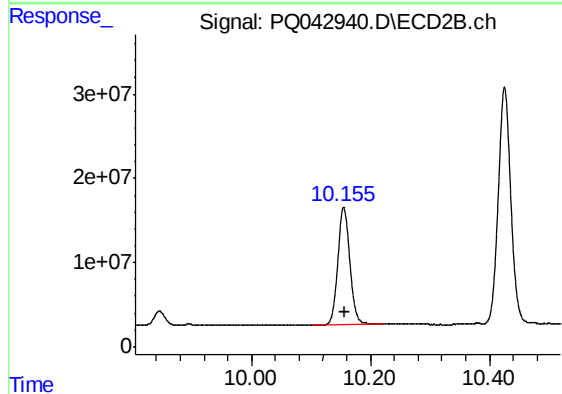
#44 AR-1268-4

R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 21368340
Conc: 59.97 ng/ml



#45 AR-1268-5

R.T.: 11.630 min
Delta R.T.: -0.002 min
Response: 244849610
Conc: 73.35 ng/ml



#45 AR-1268-5

R.T.: 10.155 min
Delta R.T.: -0.002 min
Response: 194992712
Conc: 69.74 ng/ml