

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091918\
 Data File : PQ032021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2018 07:53
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 08:05:57 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 2018
 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...	4.597	3.875	125.9E6	107.8E6	54.287	53.821
2)	SA Decachlor...	10.457	8.953	101.6E6	92617530	48.716	47.830
Target Compounds							
3)	L1 AR-1016-1	5.310	4.557	27598188	24934647	521.484	516.780
4)	L1 AR-1016-2	5.507	4.973	28047553	35483199	534.851	525.815
5)	L1 AR-1016-3	5.774	4.993	38968546	49100533	528.370	525.528
6)	L1 AR-1016-4	5.860	5.050	34367743	31936861	503.469	537.916
7)	L1 AR-1016-5	6.255	5.427	28015466	29609147	514.456	566.551
8)	L2 AR-1221-1	4.803	4.089	3723375	3422678	157.908	168.830
9)	L2 AR-1221-2	4.895	4.179	4947759	4708825	281.883	301.406
10)	L2 AR-1221-3	4.973	4.255	19983180	18470018	360.810	377.151
11)	L3 AR-1232-1	5.798	4.753	57225712	25401937	1380.648	1457.354
12)	L3 AR-1232-2	5.961	4.867	28301009	7480836	1368.086	1482.637
13)	L3 AR-1232-3	6.133	5.253	8687216	24675313	1507.454	1573.193
14)	L3 AR-1232-4	6.465	5.577	7005775	30601818	1452.374	1657.071
15)	L3 AR-1232-5	7.330	6.159	7068137	421142	2744.751	147.592 #
16)	L4 AR-1242-1	5.341	4.578	16316723	13678372	737.449	688.121
17)	L4 AR-1242-2	6.095	5.172	25353756	25834615	698.345	720.117
18)	L4 AR-1242-3	6.297	5.285	12333603	8463754	723.749	718.894
19)	L4 AR-1242-4	6.341	5.651	9223798	7833633	605.795	751.252
20)	L4 AR-1242-5	6.397	6.023	29864199	2251163	657.242	94.841 #
21)	L5 AR-1248-1	6.048	5.210	24071530	19894280	415.942	404.499
22)	L5 AR-1248-2	6.632	5.780	25157455	27031348	447.588	295.696 #
23)	L5 AR-1248-3	6.660	5.822	9083977	6715867	121.447	106.186
24)	L5 AR-1248-4	6.699	5.998	7590274	1452331	107.218	26.621 #
25)	L5 AR-1248-5	6.850	6.347	21593315	44583447	472.085	1095.387 #
26)	L6 AR-1254-1	6.850	5.926	21593315	18547776	130.225	154.262
27)	L6 AR-1254-2	7.134	6.243	3923324	3697462	38.571	37.412
28)	L6 AR-1254-3	7.221	6.561	12157748	3389186	66.851	27.025 #
29)	L6 AR-1254-4	7.506	6.887	9283052	6214652	69.667	70.652
30)	L6 AR-1254-5	7.769	6.980	28149110	71951614	275.308	414.220 #
31)	L7 AR-1260-1	7.384	6.463	55175999	53286127	473.043	497.335
32)	L7 AR-1260-2	7.640	6.648	65190591	66315852	485.794	512.707
33)	L7 AR-1260-3	7.925	6.805	76052483	60846566	490.821	504.222
34)	L7 AR-1260-4	8.232	7.278	55154521	49537918	482.810	505.741
35)	L7 AR-1260-5	8.566	7.517	110.2E6	120.6E6	483.572	505.205
36)	L8 AR-1262-1	7.277	6.347	35744692	44583447	604.629	846.600 #
37)	L8 AR-1262-2	8.058	7.069	24201816	25858136	480.128	512.518
38)	L8 AR-1262-3	8.317	7.376	26717706	27094205	469.953	496.004
39)	L8 AR-1262-4	8.966	7.802	41040061	24154944	358.066	270.256
40)	L8 AR-1262-5	9.671	8.374	29428553	28259401	362.037	357.392
41)	L9 AR-1268-1	7.999	7.016	46089116	51823951	877.249	1028.462

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 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

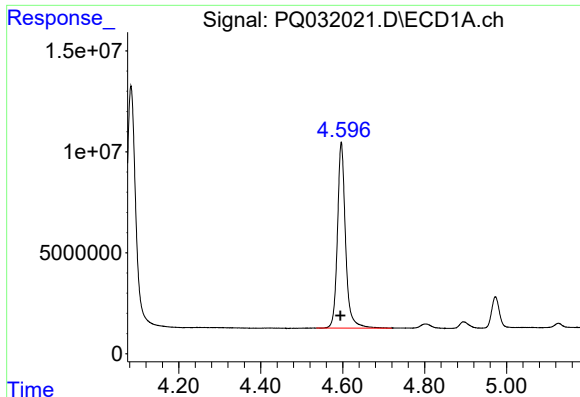
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 08:05:57 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
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 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
42) L9	AR-1268-2	8.232	7.867	55154521	84811244	809.875	319.493 #
43) L9	AR-1268-3	8.907	8.075	69676689	1450936	239.373	6.641 #
44) L9	AR-1268-4	0.000	8.170	0	1103407	N.D.	19.207 #
45) L9	AR-1268-5	10.103	8.681	7783672	8024878	10.488	11.280

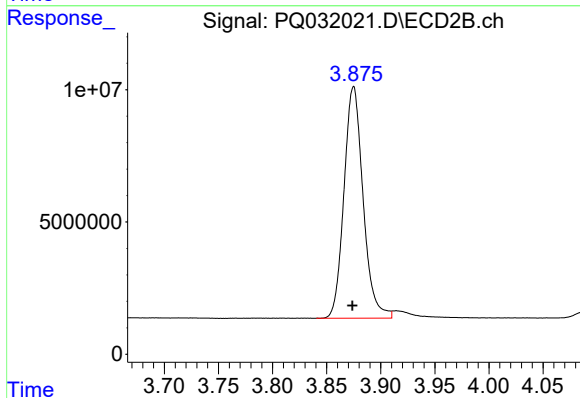
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

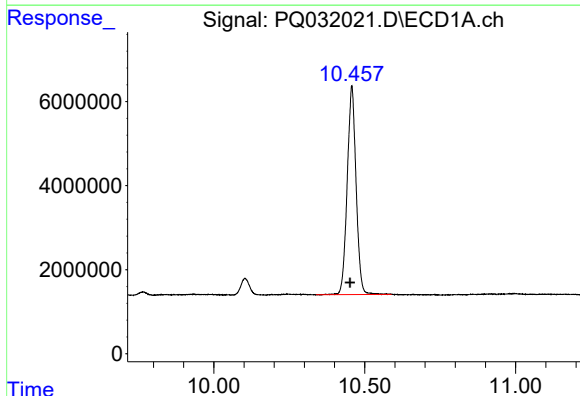
R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 125875713
Conc: 54.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



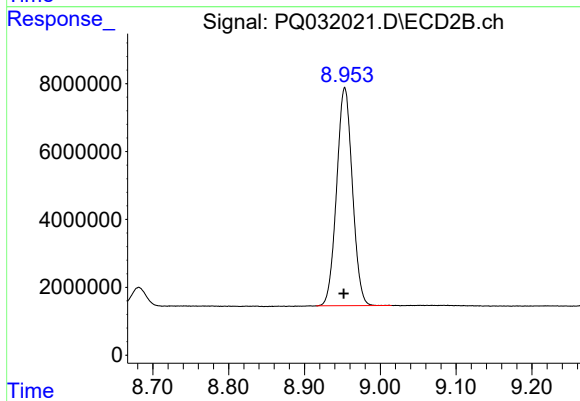
#1 Tetrachloro-m-xylene

R.T.: 3.875 min
Delta R.T.: 0.001 min
Response: 107786864
Conc: 53.82 ng/ml



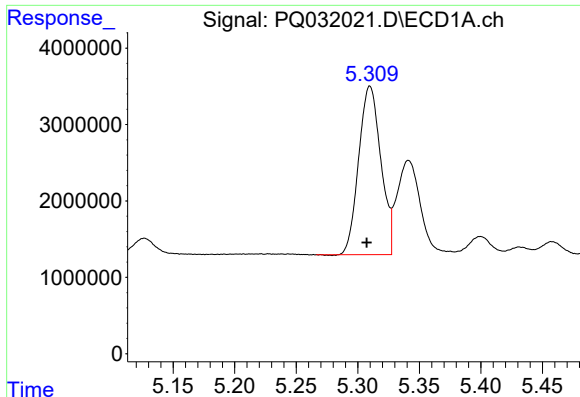
#2 Decachlorobiphenyl

R.T.: 10.457 min
Delta R.T.: 0.006 min
Response: 101554893
Conc: 48.72 ng/ml



#2 Decachlorobiphenyl

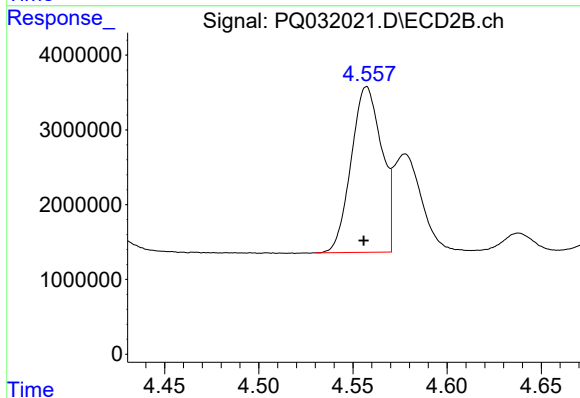
R.T.: 8.953 min
Delta R.T.: 0.001 min
Response: 92617530
Conc: 47.83 ng/ml



#3 AR-1016-1

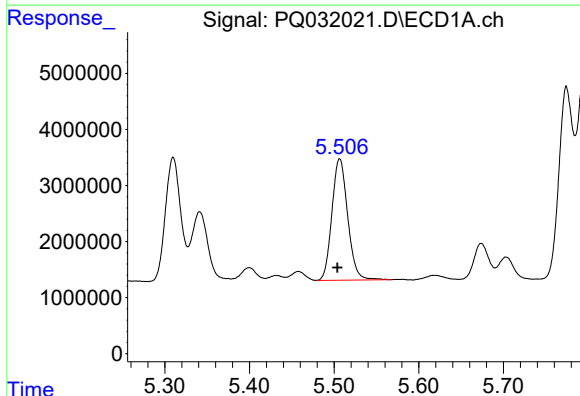
R.T.: 5.310 min
Delta R.T.: 0.003 min
Response: 27598188
Conc: 521.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



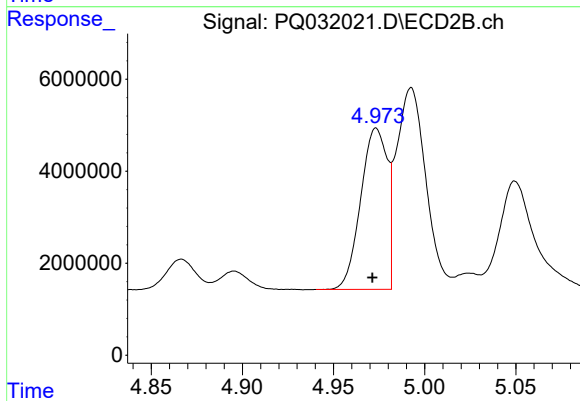
#3 AR-1016-1

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 24934647
Conc: 516.78 ng/ml



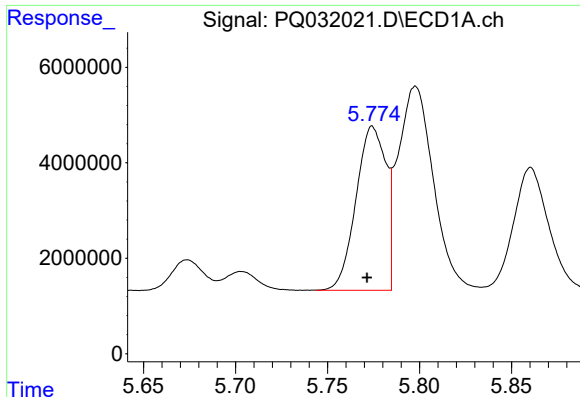
#4 AR-1016-2

R.T.: 5.507 min
Delta R.T.: 0.003 min
Response: 28047553
Conc: 534.85 ng/ml



#4 AR-1016-2

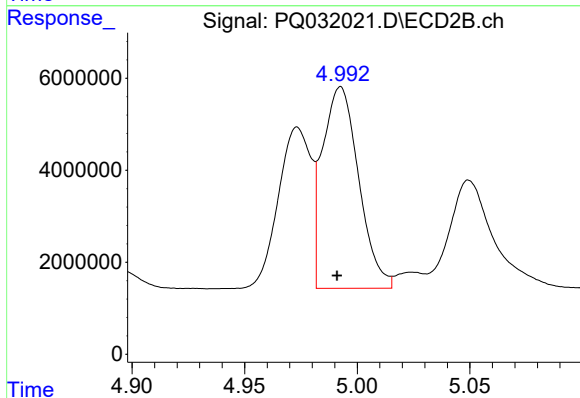
R.T.: 4.973 min
Delta R.T.: 0.002 min
Response: 35483199
Conc: 525.82 ng/ml



#5 AR-1016-3

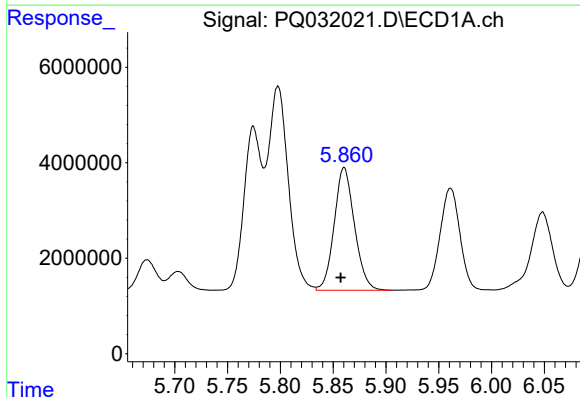
R.T.: 5.774 min
Delta R.T.: 0.003 min
Response: 38968546
Conc: 528.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



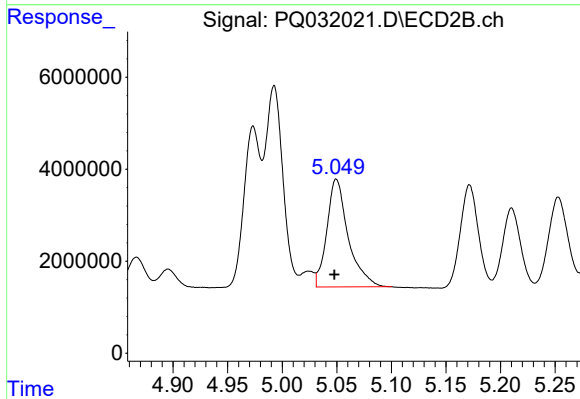
#5 AR-1016-3

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 49100533
Conc: 525.53 ng/ml



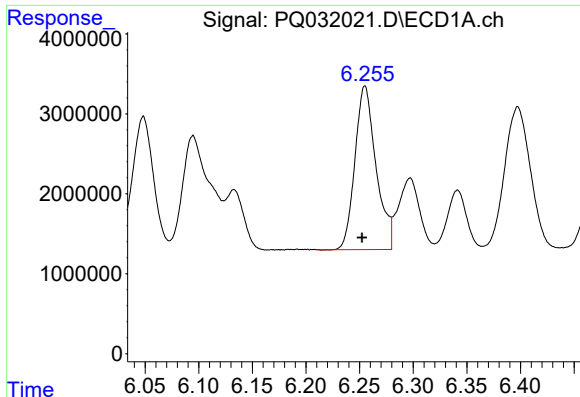
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: 0.003 min
Response: 34367743
Conc: 503.47 ng/ml



#6 AR-1016-4

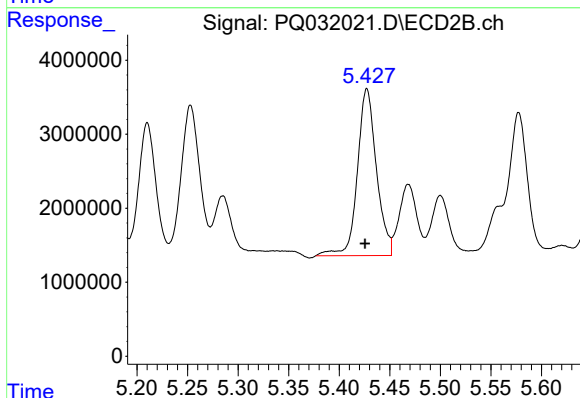
R.T.: 5.050 min
Delta R.T.: 0.002 min
Response: 31936861
Conc: 537.92 ng/ml



#7 AR-1016-5

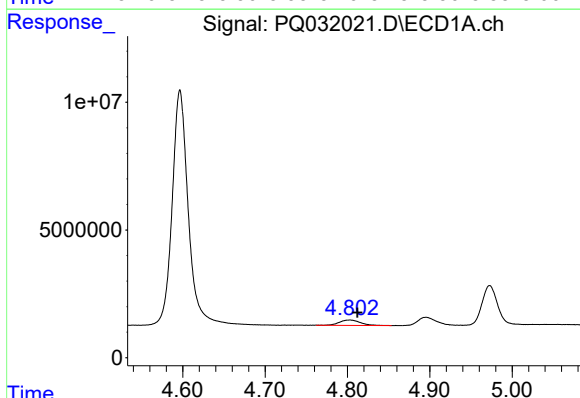
R.T.: 6.255 min
Delta R.T.: 0.003 min
Response: 28015466
Conc: 514.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



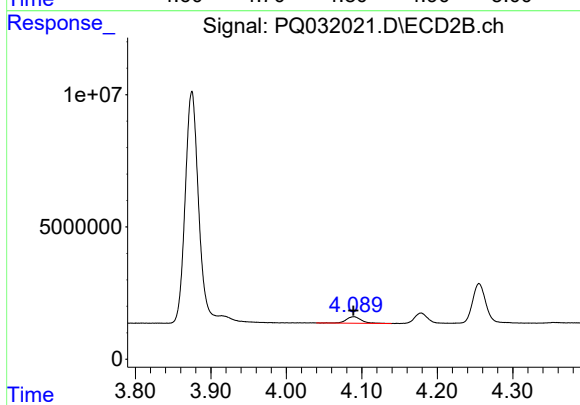
#7 AR-1016-5

R.T.: 5.427 min
Delta R.T.: 0.002 min
Response: 29609147
Conc: 566.55 ng/ml



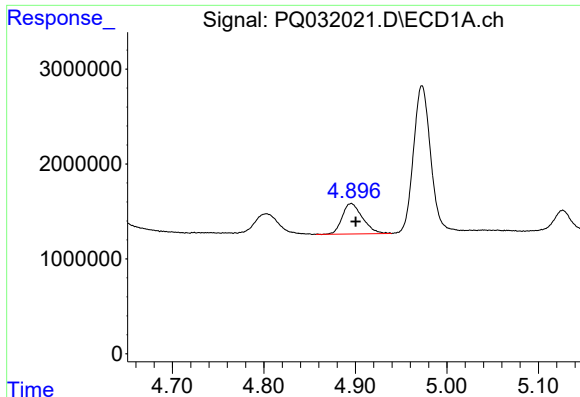
#8 AR-1221-1

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 3723375
Conc: 157.91 ng/ml



#8 AR-1221-1

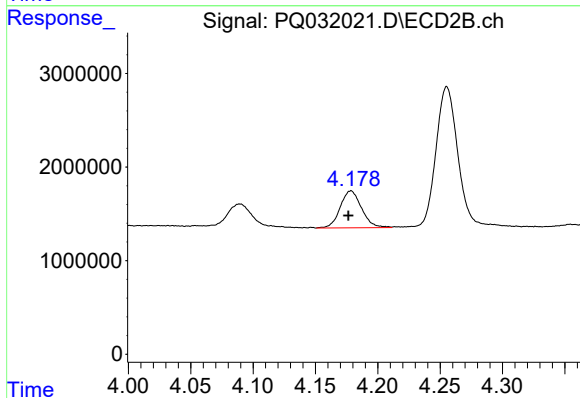
R.T.: 4.089 min
Delta R.T.: 0.000 min
Response: 3422678
Conc: 168.83 ng/ml



#9 AR-1221-2

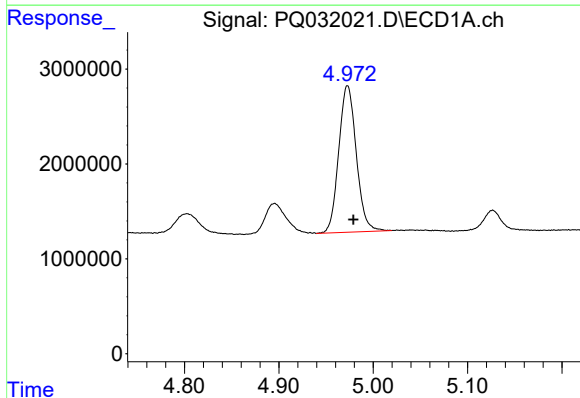
R.T.: 4.895 min
Delta R.T.: -0.005 min
Response: 4947759
Conc: 281.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



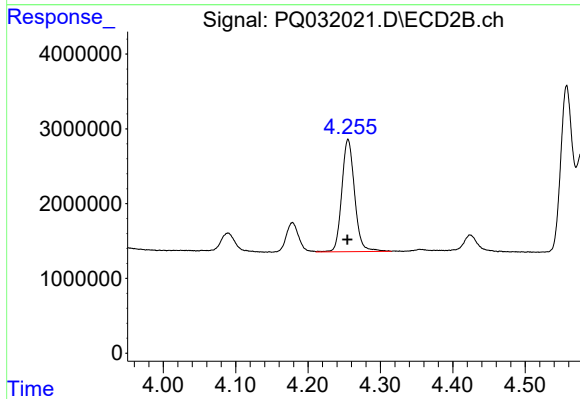
#9 AR-1221-2

R.T.: 4.179 min
Delta R.T.: 0.002 min
Response: 4708825
Conc: 301.41 ng/ml



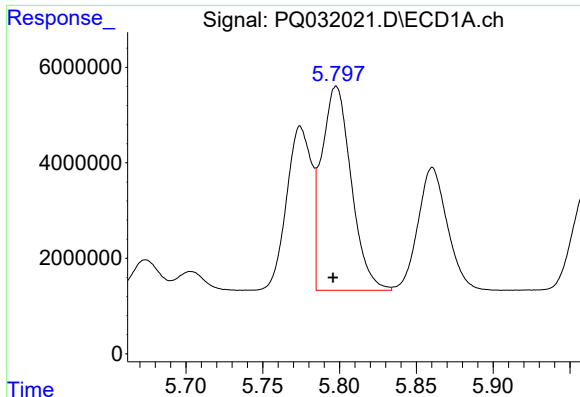
#10 AR-1221-3

R.T.: 4.973 min
Delta R.T.: -0.006 min
Response: 19983180
Conc: 360.81 ng/ml



#10 AR-1221-3

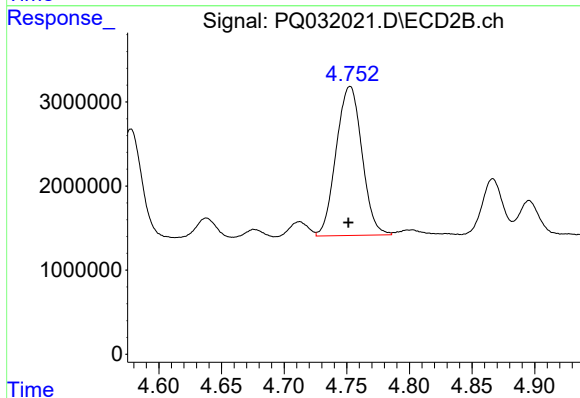
R.T.: 4.255 min
Delta R.T.: 0.001 min
Response: 18470018
Conc: 377.15 ng/ml



#11 AR-1232-1

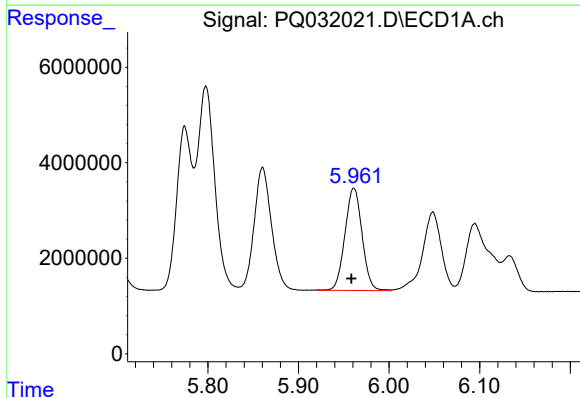
R.T.: 5.798 min
Delta R.T.: 0.002 min
Response: 57225712
Conc: 1380.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



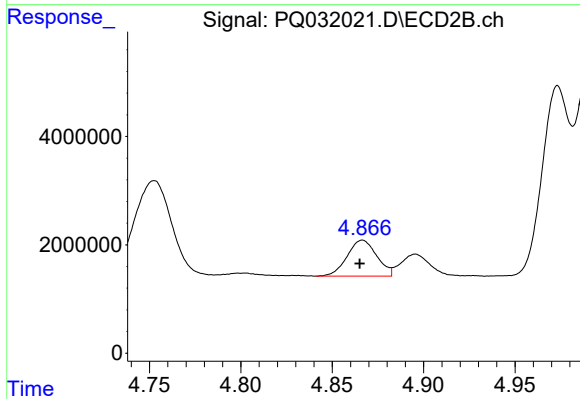
#11 AR-1232-1

R.T.: 4.753 min
Delta R.T.: 0.002 min
Response: 25401937
Conc: 1457.35 ng/ml



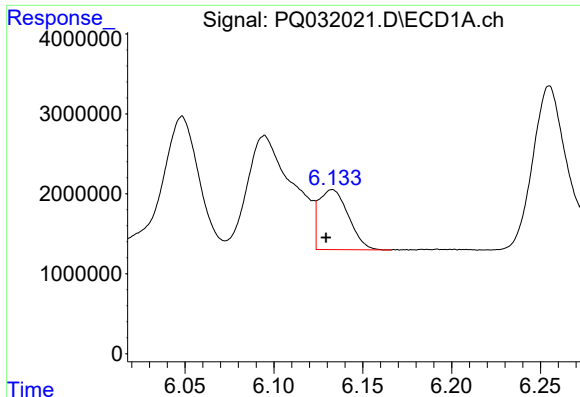
#12 AR-1232-2

R.T.: 5.961 min
Delta R.T.: 0.003 min
Response: 28301009
Conc: 1368.09 ng/ml



#12 AR-1232-2

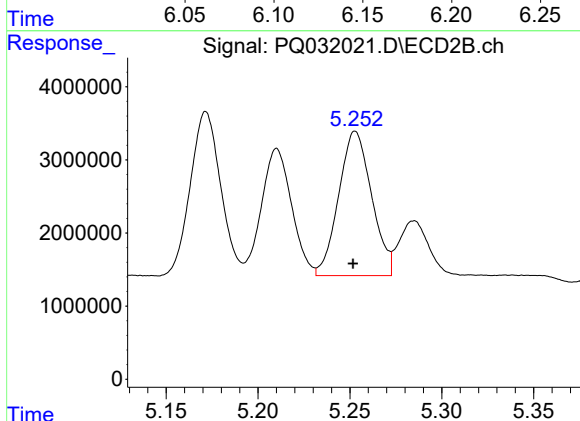
R.T.: 4.867 min
Delta R.T.: 0.002 min
Response: 7480836
Conc: 1482.64 ng/ml



#13 AR-1232-3

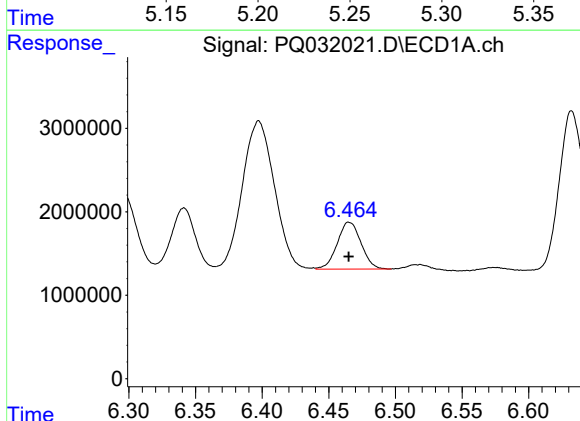
R.T.: 6.133 min
Delta R.T.: 0.003 min
Response: 8687216
Conc: 1507.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



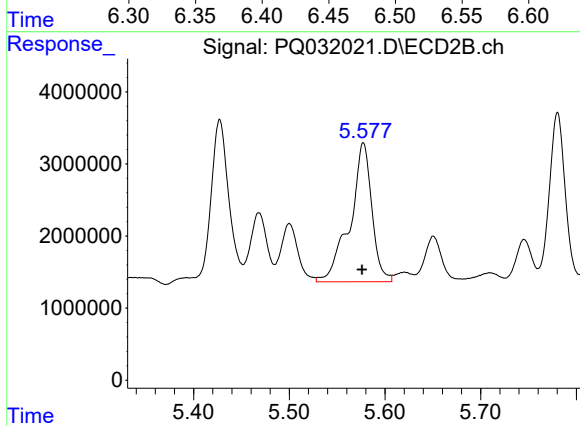
#13 AR-1232-3

R.T.: 5.253 min
Delta R.T.: 0.001 min
Response: 24675313
Conc: 1573.19 ng/ml



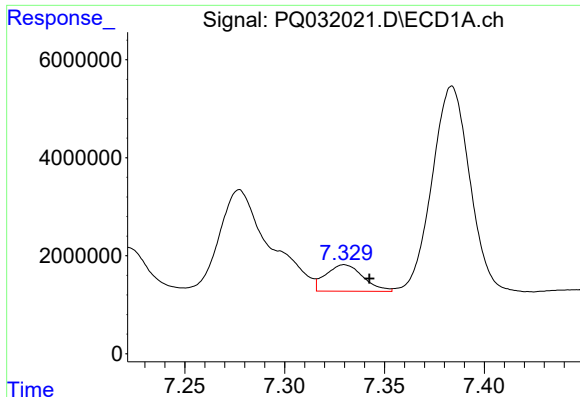
#14 AR-1232-4

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 7005775
Conc: 1452.37 ng/ml



#14 AR-1232-4

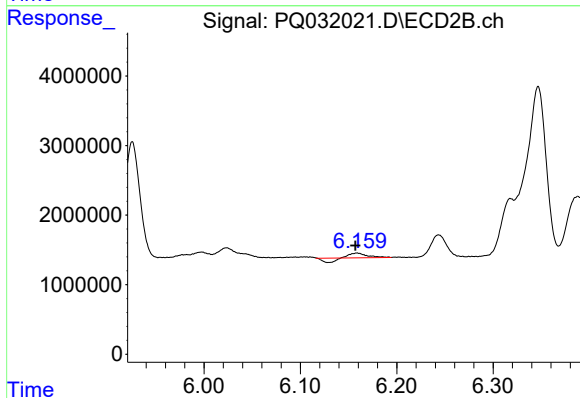
R.T.: 5.577 min
Delta R.T.: 0.001 min
Response: 30601818
Conc: 1657.07 ng/ml



#15 AR-1232-5

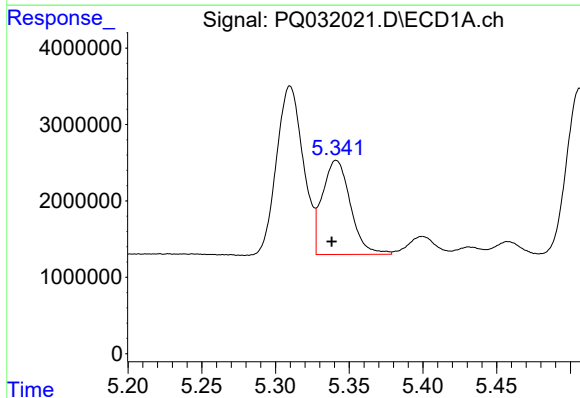
R.T.: 7.330 min
Delta R.T.: -0.013 min
Response: 7068137
Conc: 2744.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



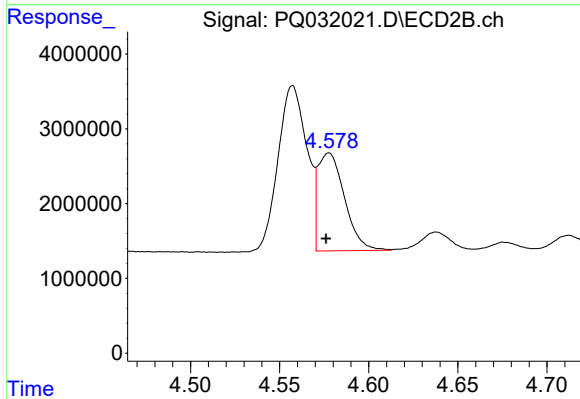
#15 AR-1232-5

R.T.: 6.159 min
Delta R.T.: 0.002 min
Response: 421142
Conc: 147.59 ng/ml



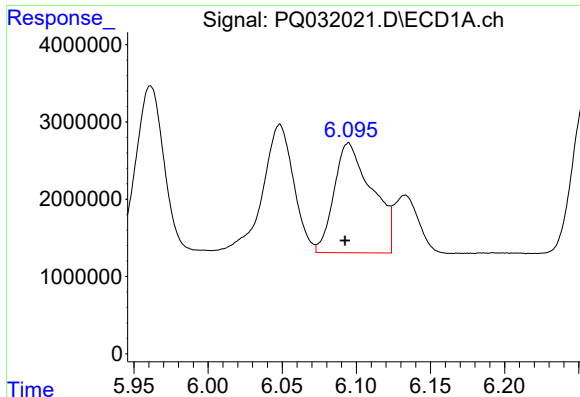
#16 AR-1242-1

R.T.: 5.341 min
Delta R.T.: 0.003 min
Response: 16316723
Conc: 737.45 ng/ml



#16 AR-1242-1

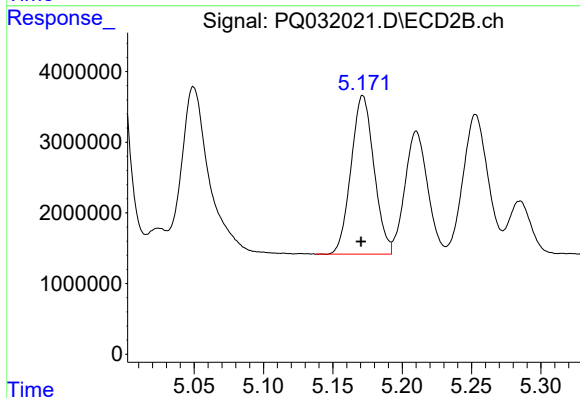
R.T.: 4.578 min
Delta R.T.: 0.002 min
Response: 13678372
Conc: 688.12 ng/ml



#17 AR-1242-2

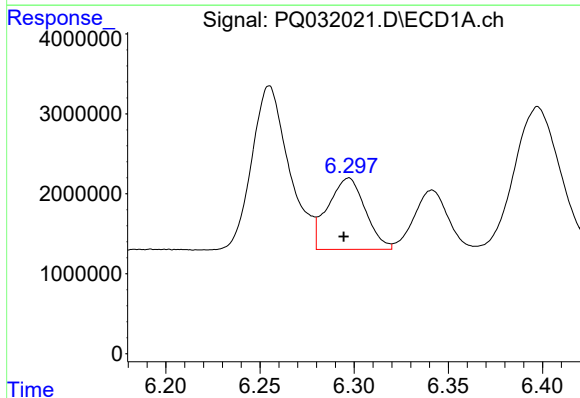
R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 25353756
Conc: 698.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



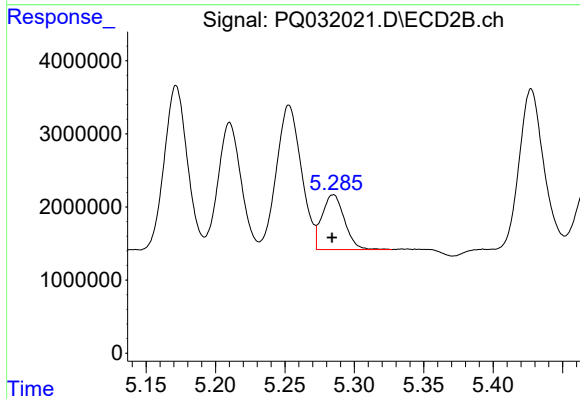
#17 AR-1242-2

R.T.: 5.172 min
Delta R.T.: 0.001 min
Response: 25834615
Conc: 720.12 ng/ml



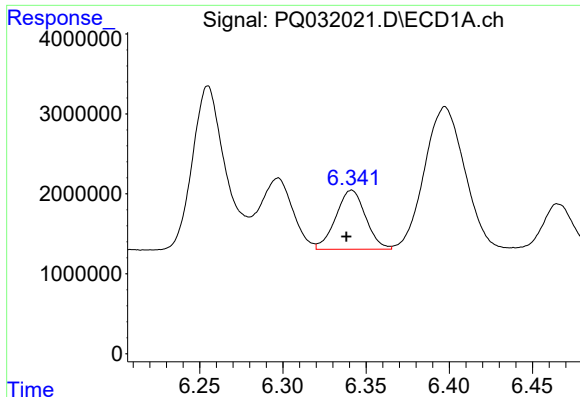
#18 AR-1242-3

R.T.: 6.297 min
Delta R.T.: 0.003 min
Response: 12333603
Conc: 723.75 ng/ml



#18 AR-1242-3

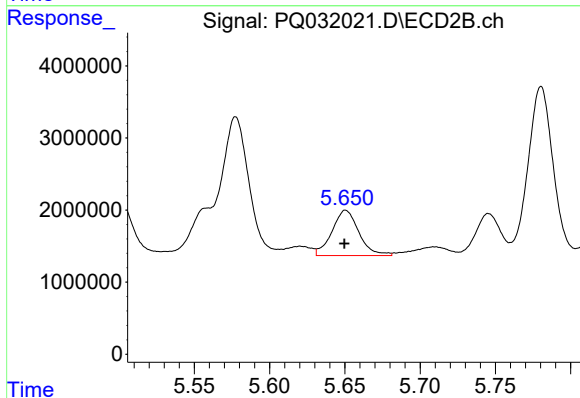
R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 8463754
Conc: 718.89 ng/ml



#19 AR-1242-4

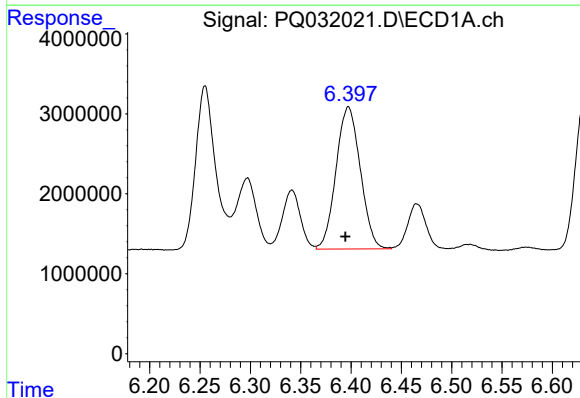
R.T.: 6.341 min
Delta R.T.: 0.003 min
Response: 9223798
Conc: 605.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



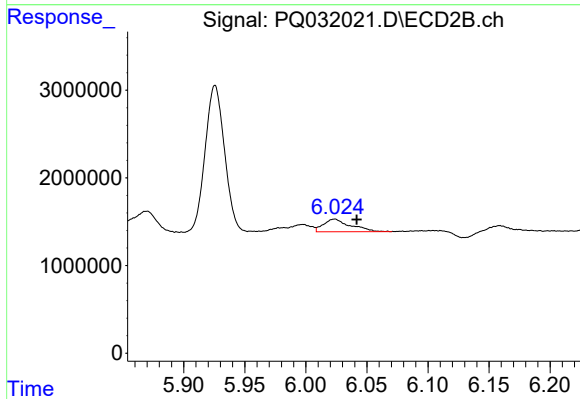
#19 AR-1242-4

R.T.: 5.651 min
Delta R.T.: 0.001 min
Response: 7833633
Conc: 751.25 ng/ml



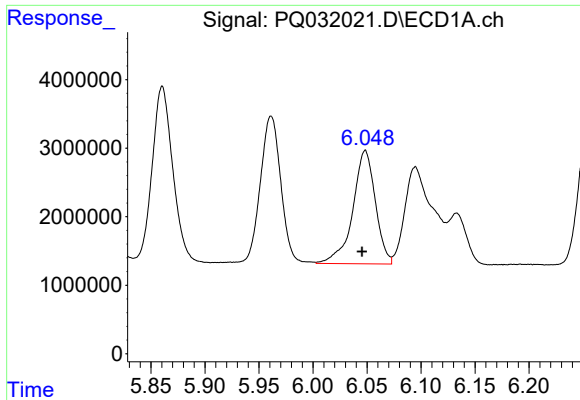
#20 AR-1242-5

R.T.: 6.397 min
Delta R.T.: 0.003 min
Response: 29864199
Conc: 657.24 ng/ml



#20 AR-1242-5

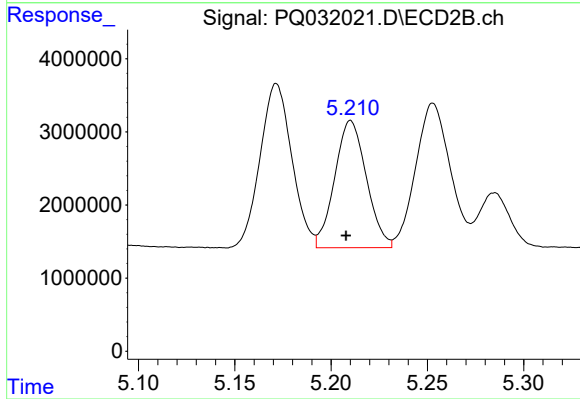
R.T.: 6.023 min
Delta R.T.: -0.018 min
Response: 2251163
Conc: 94.84 ng/ml



#21 AR-1248-1

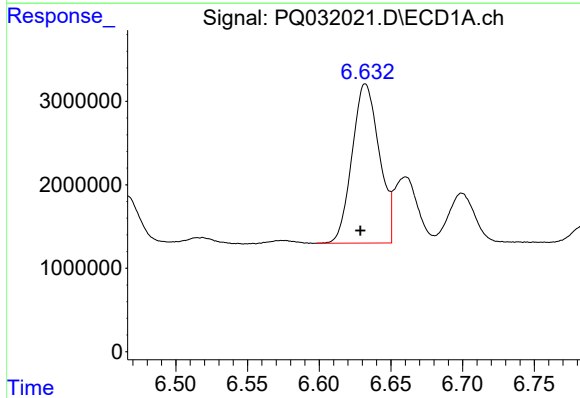
R.T.: 6.048 min
Delta R.T.: 0.003 min
Response: 24071530
Conc: 415.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



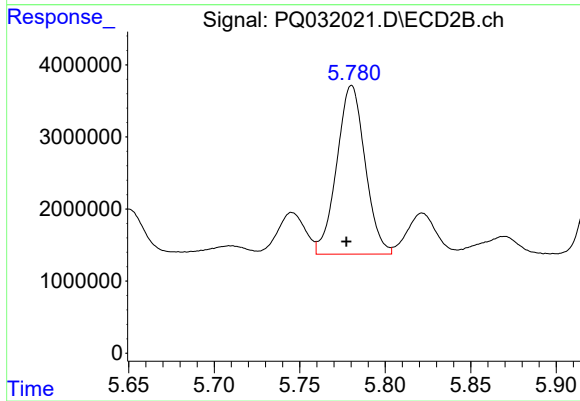
#21 AR-1248-1

R.T.: 5.210 min
Delta R.T.: 0.002 min
Response: 19894280
Conc: 404.50 ng/ml



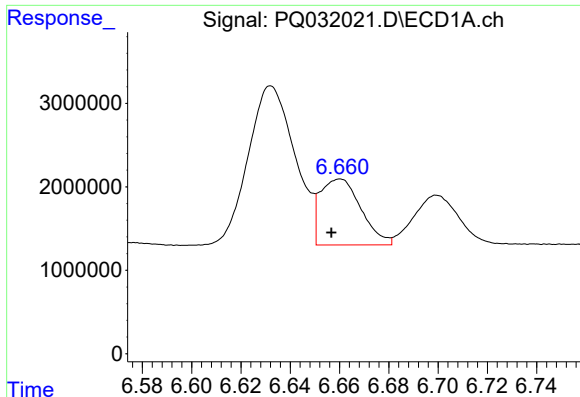
#22 AR-1248-2

R.T.: 6.632 min
Delta R.T.: 0.004 min
Response: 25157455
Conc: 447.59 ng/ml



#22 AR-1248-2

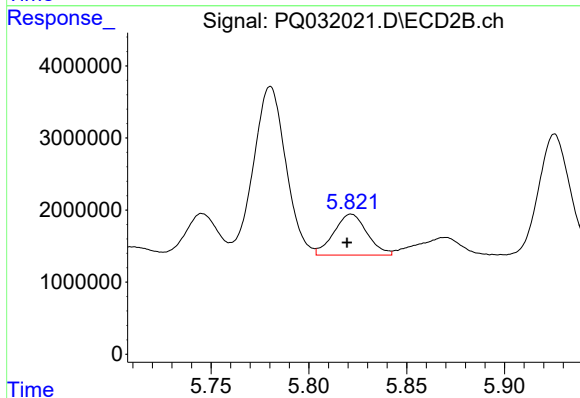
R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 27031348
Conc: 295.70 ng/ml



#23 AR-1248-3

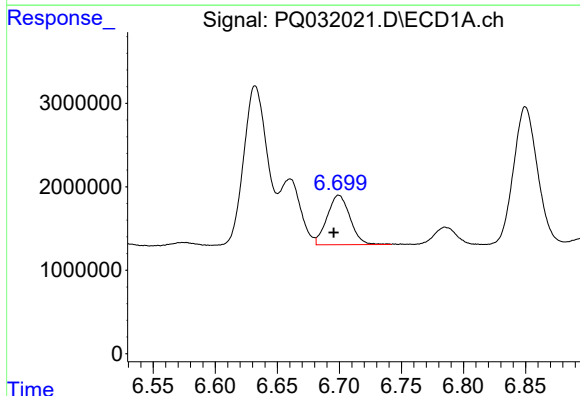
R.T.: 6.660 min
Delta R.T.: 0.003 min
Response: 9083977
Conc: 121.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



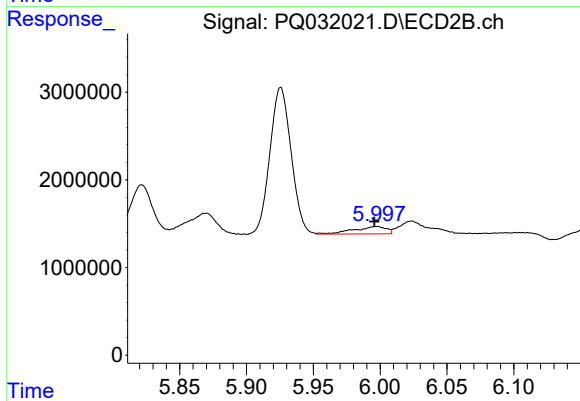
#23 AR-1248-3

R.T.: 5.822 min
Delta R.T.: 0.002 min
Response: 6715867
Conc: 106.19 ng/ml



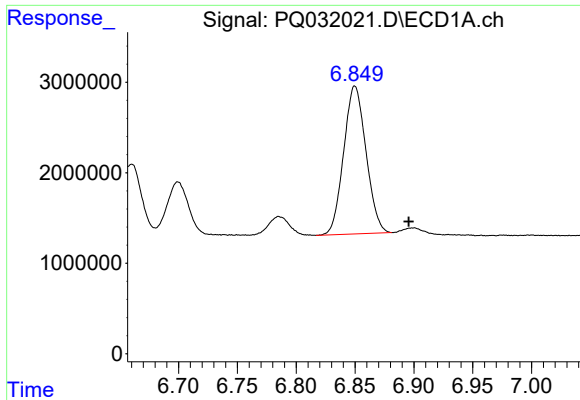
#24 AR-1248-4

R.T.: 6.699 min
Delta R.T.: 0.004 min
Response: 7590274
Conc: 107.22 ng/ml



#24 AR-1248-4

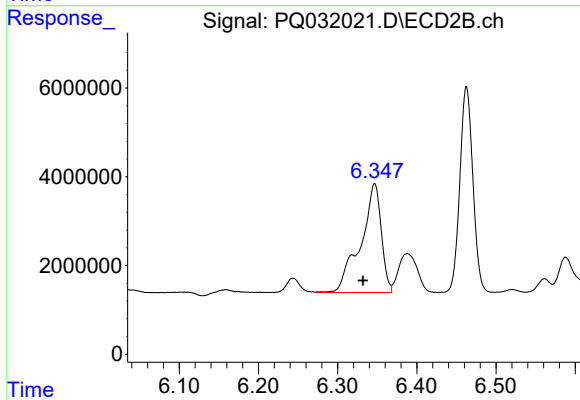
R.T.: 5.998 min
Delta R.T.: 0.002 min
Response: 1452331
Conc: 26.62 ng/ml



#25 AR-1248-5

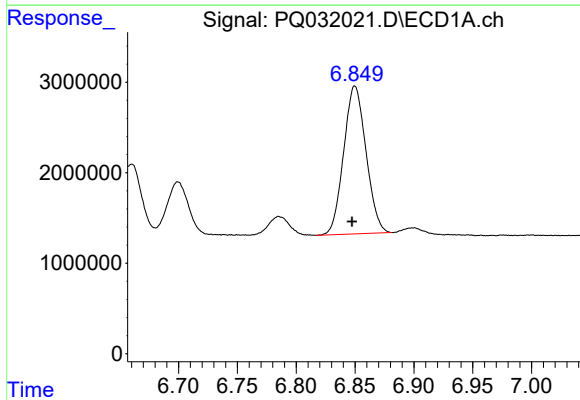
R.T.: 6.850 min
Delta R.T.: -0.046 min
Response: 21593315
Conc: 472.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



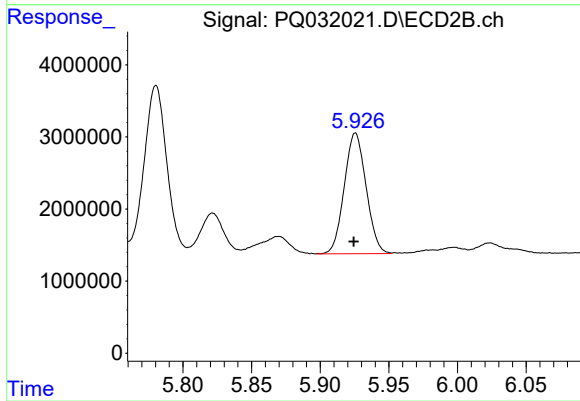
#25 AR-1248-5

R.T.: 6.347 min
Delta R.T.: 0.015 min
Response: 44583447
Conc: 1095.39 ng/ml



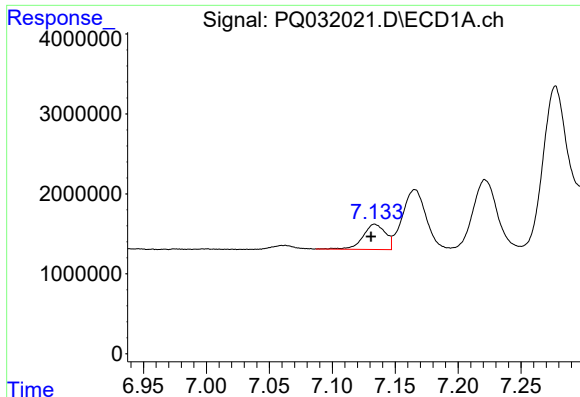
#26 AR-1254-1

R.T.: 6.850 min
Delta R.T.: 0.003 min
Response: 21593315
Conc: 130.23 ng/ml



#26 AR-1254-1

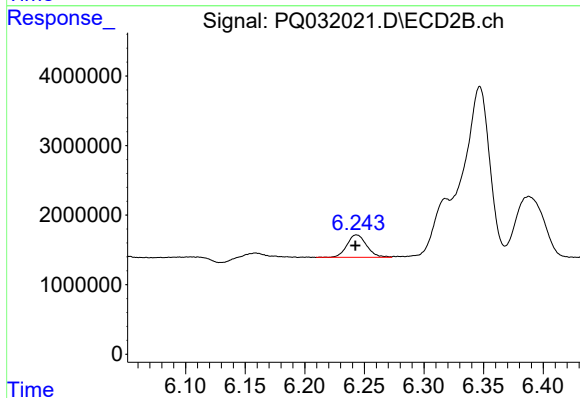
R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 18547776
Conc: 154.26 ng/ml



#27 AR-1254-2

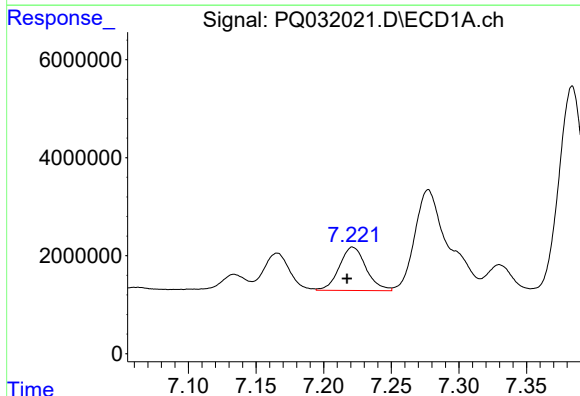
R.T.: 7.134 min
Delta R.T.: 0.003 min
Response: 3923324
Conc: 38.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



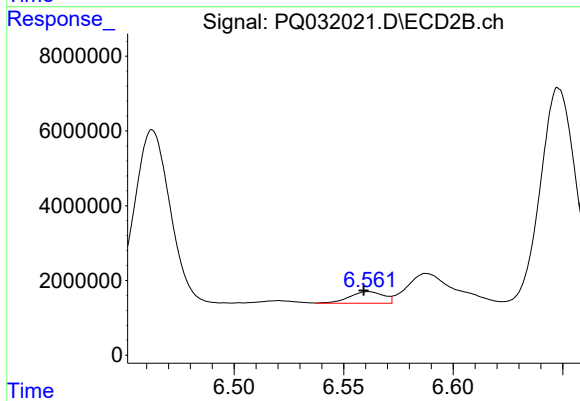
#27 AR-1254-2

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 3697462
Conc: 37.41 ng/ml



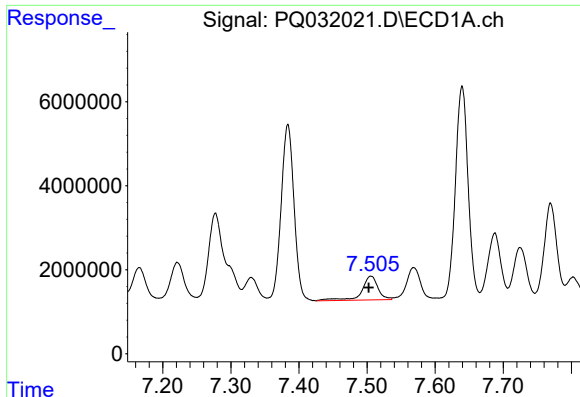
#28 AR-1254-3

R.T.: 7.221 min
Delta R.T.: 0.004 min
Response: 12157748
Conc: 66.85 ng/ml



#28 AR-1254-3

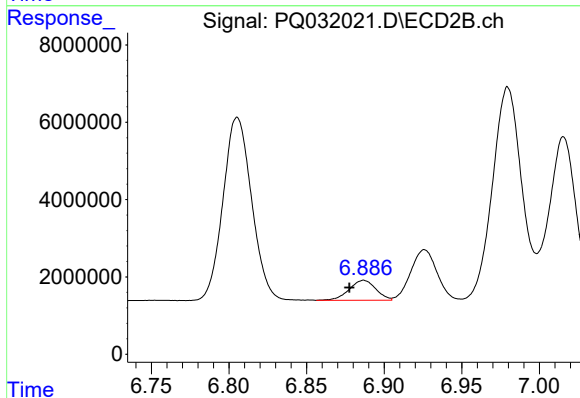
R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 3389186
Conc: 27.03 ng/ml



#29 AR-1254-4

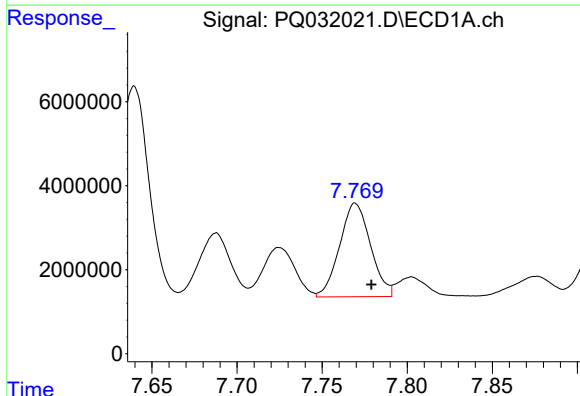
R.T.: 7.506 min
Delta R.T.: 0.003 min
Response: 9283052
Conc: 69.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



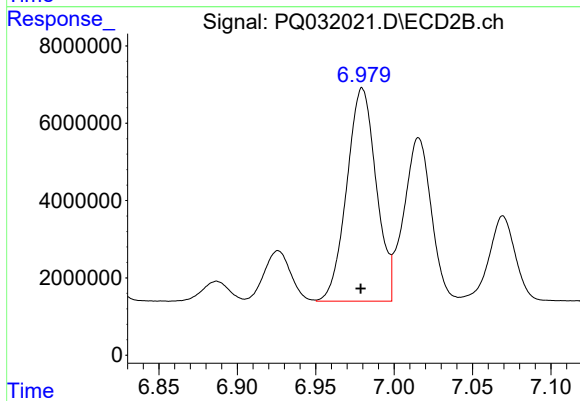
#29 AR-1254-4

R.T.: 6.887 min
Delta R.T.: 0.009 min
Response: 6214652
Conc: 70.65 ng/ml



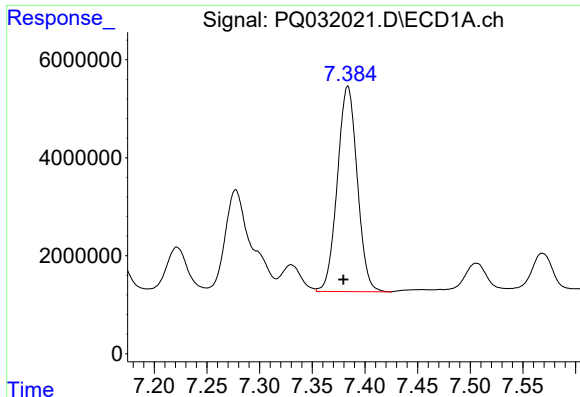
#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: -0.009 min
Response: 28149110
Conc: 275.31 ng/ml



#30 AR-1254-5

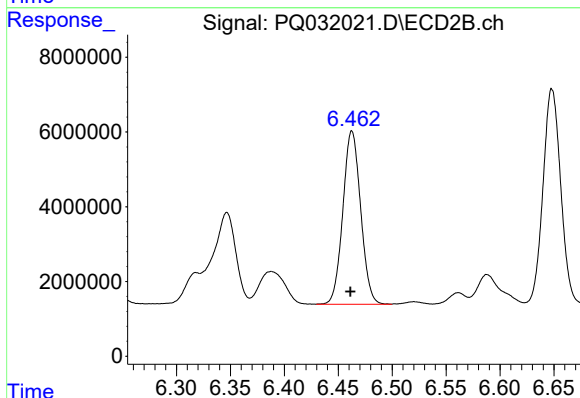
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 71951614
Conc: 414.22 ng/ml



#31 AR-1260-1

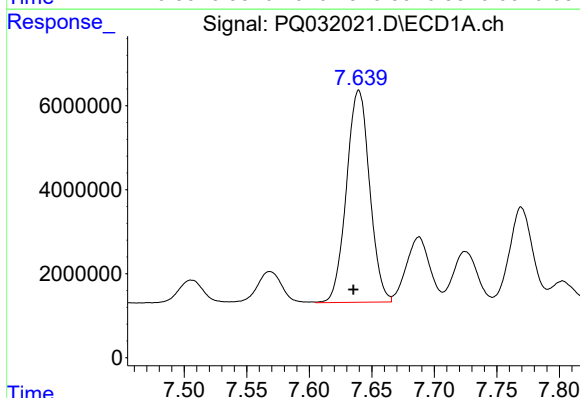
R.T.: 7.384 min
Delta R.T.: 0.004 min
Response: 55175999
Conc: 473.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



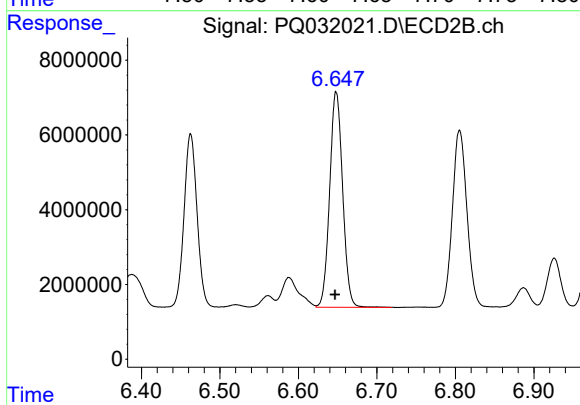
#31 AR-1260-1

R.T.: 6.463 min
Delta R.T.: 0.001 min
Response: 53286127
Conc: 497.33 ng/ml



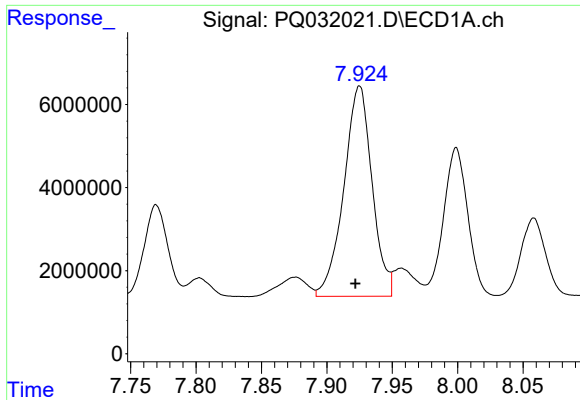
#32 AR-1260-2

R.T.: 7.640 min
Delta R.T.: 0.004 min
Response: 65190591
Conc: 485.79 ng/ml



#32 AR-1260-2

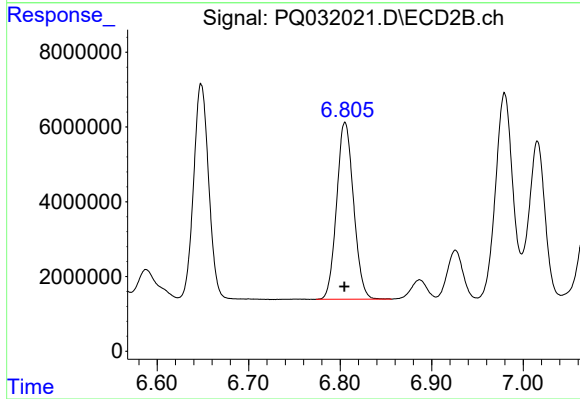
R.T.: 6.648 min
Delta R.T.: 0.001 min
Response: 66315852
Conc: 512.71 ng/ml



#33 AR-1260-3

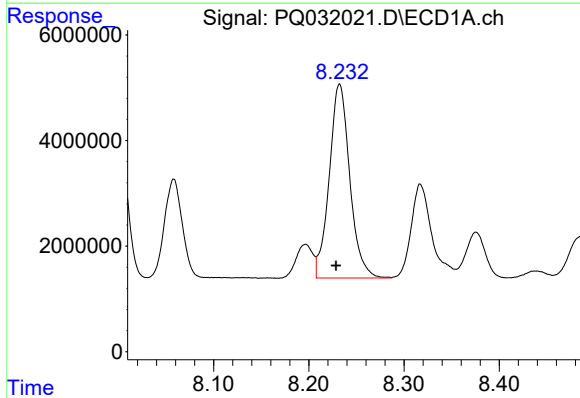
R.T.: 7.925 min
Delta R.T.: 0.003 min
Response: 76052483
Conc: 490.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



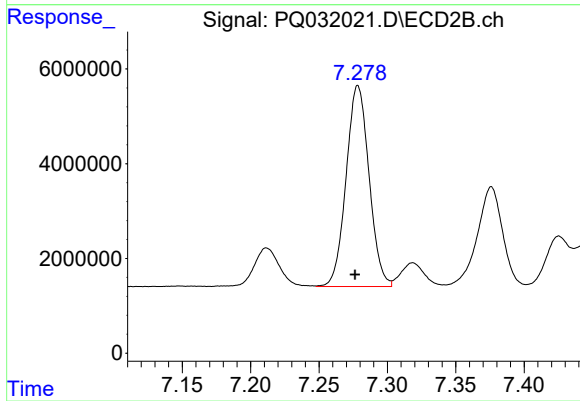
#33 AR-1260-3

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 60846566
Conc: 504.22 ng/ml



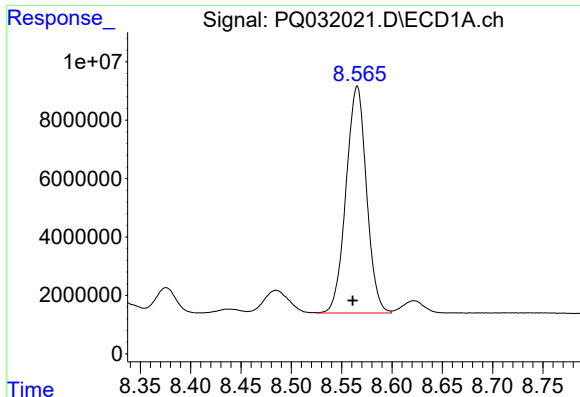
#34 AR-1260-4

R.T.: 8.232 min
Delta R.T.: 0.004 min
Response: 55154521
Conc: 482.81 ng/ml



#34 AR-1260-4

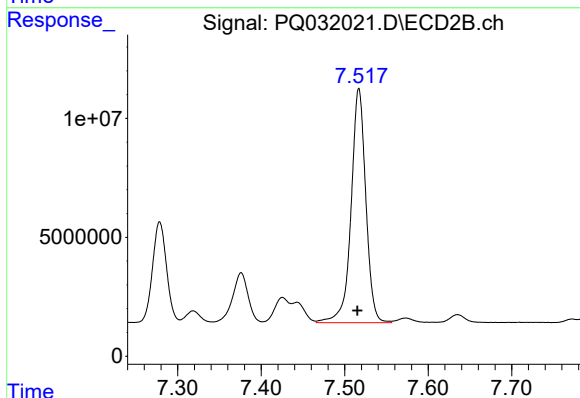
R.T.: 7.278 min
Delta R.T.: 0.002 min
Response: 49537918
Conc: 505.74 ng/ml



#35 AR-1260-5

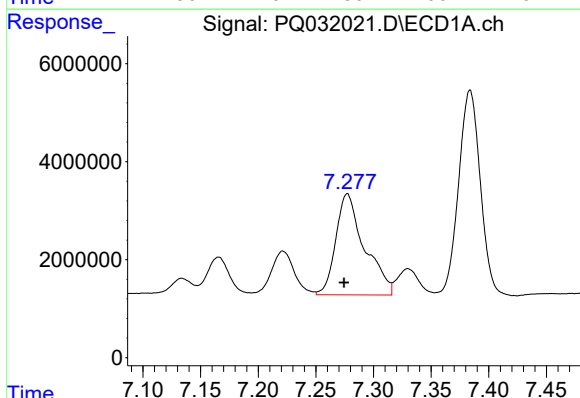
R.T.: 8.566 min
Delta R.T.: 0.005 min
Response: 110153887
Conc: 483.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



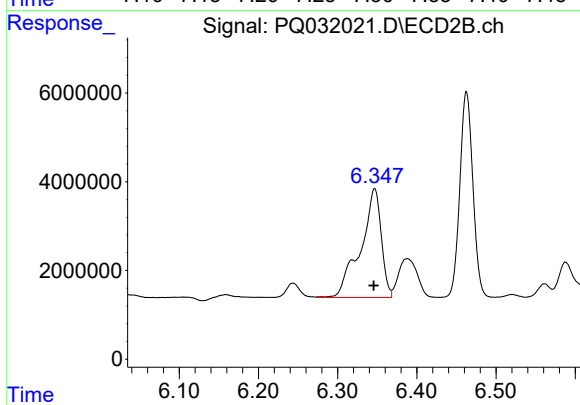
#35 AR-1260-5

R.T.: 7.517 min
Delta R.T.: 0.002 min
Response: 120642459
Conc: 505.21 ng/ml



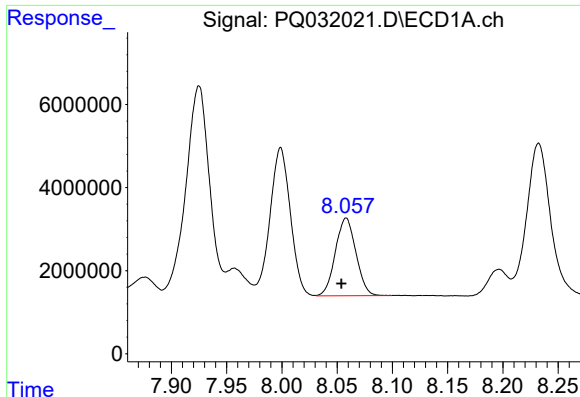
#36 AR-1262-1

R.T.: 7.277 min
Delta R.T.: 0.003 min
Response: 35744692
Conc: 604.63 ng/ml



#36 AR-1262-1

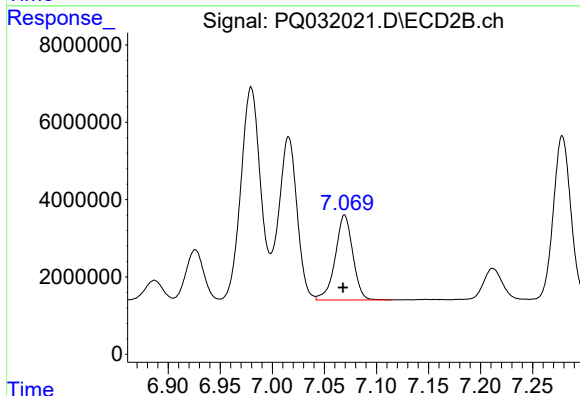
R.T.: 6.347 min
Delta R.T.: 0.001 min
Response: 44583447
Conc: 846.60 ng/ml



#37 AR-1262-2

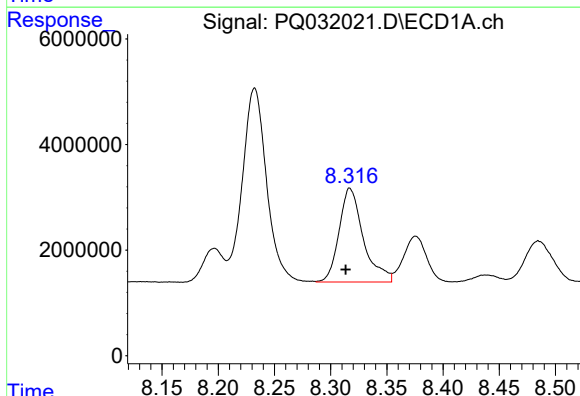
R.T.: 8.058 min
Delta R.T.: 0.004 min
Response: 24201816
Conc: 480.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



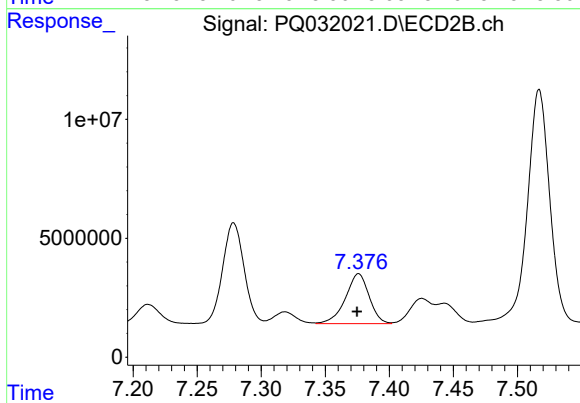
#37 AR-1262-2

R.T.: 7.069 min
Delta R.T.: 0.001 min
Response: 25858136
Conc: 512.52 ng/ml



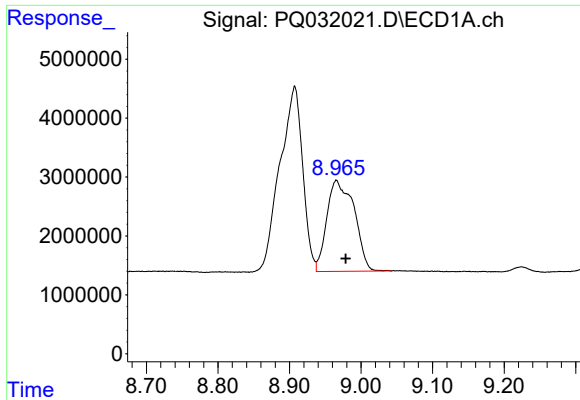
#38 AR-1262-3

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 26717706
Conc: 469.95 ng/ml



#38 AR-1262-3

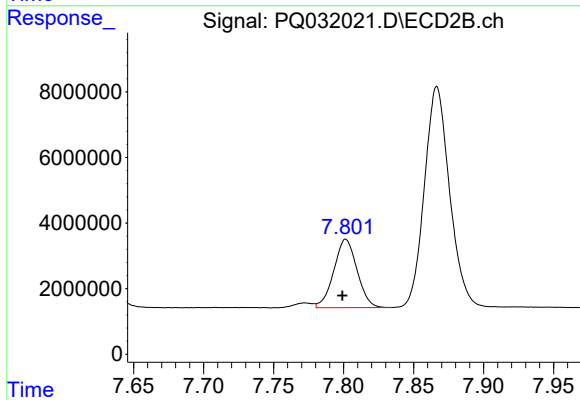
R.T.: 7.376 min
Delta R.T.: 0.001 min
Response: 27094205
Conc: 496.00 ng/ml



#39 AR-1262-4

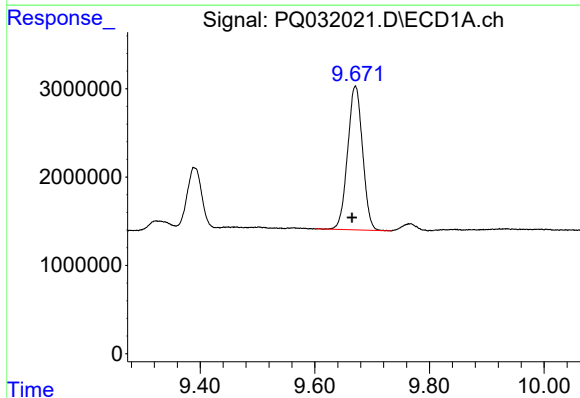
R.T.: 8.966 min
Delta R.T.: -0.013 min
Response: 41040061
Conc: 358.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



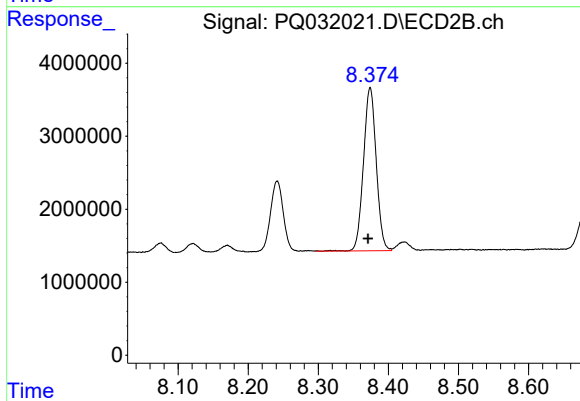
#39 AR-1262-4

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 24154944
Conc: 270.26 ng/ml



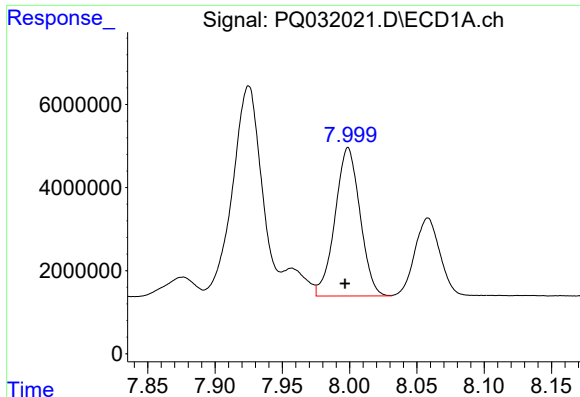
#40 AR-1262-5

R.T.: 9.671 min
Delta R.T.: 0.006 min
Response: 29428553
Conc: 362.04 ng/ml



#40 AR-1262-5

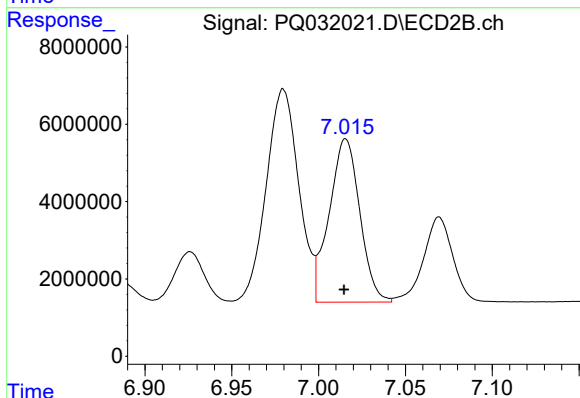
R.T.: 8.374 min
Delta R.T.: 0.003 min
Response: 28259401
Conc: 357.39 ng/ml



#41 AR-1268-1

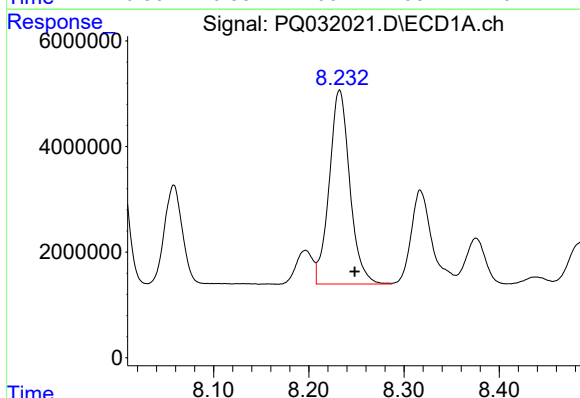
R.T.: 7.999 min
Delta R.T.: 0.002 min
Response: 46089116
Conc: 877.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



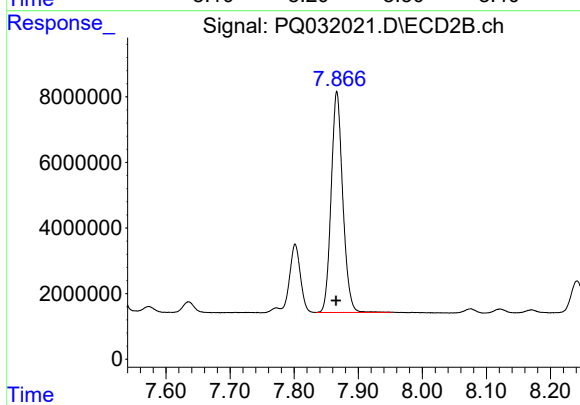
#41 AR-1268-1

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 51823951
Conc: 1028.46 ng/ml



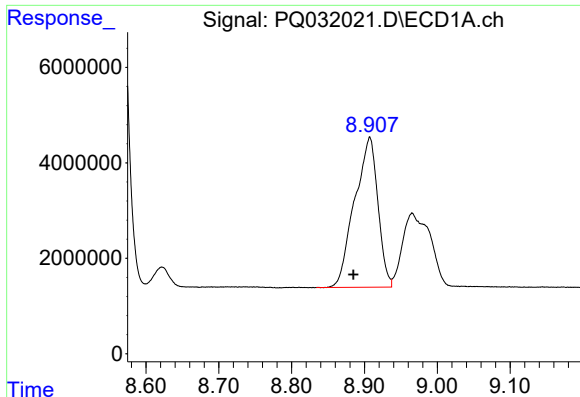
#42 AR-1268-2

R.T.: 8.232 min
Delta R.T.: -0.016 min
Response: 55154521
Conc: 809.87 ng/ml



#42 AR-1268-2

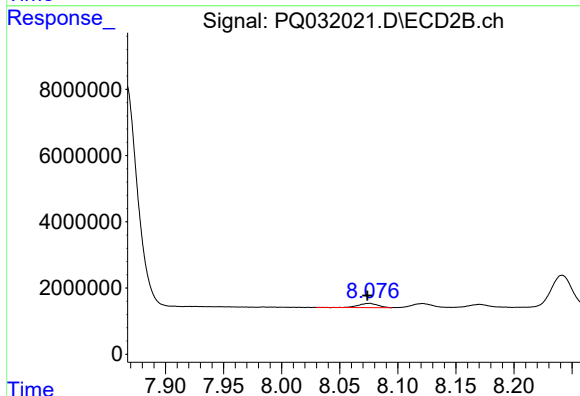
R.T.: 7.867 min
Delta R.T.: 0.002 min
Response: 84811244
Conc: 319.49 ng/ml



#43 AR-1268-3

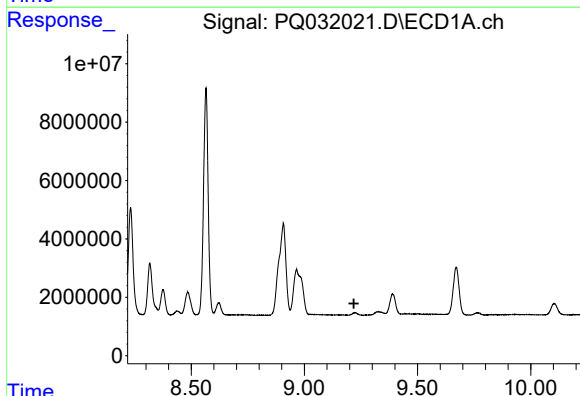
R.T.: 8.907 min
Delta R.T.: 0.022 min
Response: 69676689
Conc: 239.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



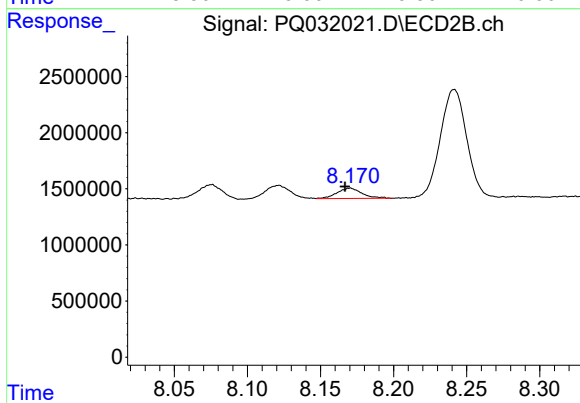
#43 AR-1268-3

R.T.: 8.075 min
Delta R.T.: 0.002 min
Response: 1450936
Conc: 6.64 ng/ml



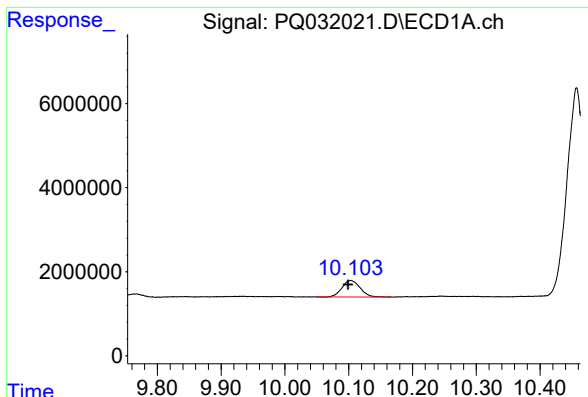
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#44 AR-1268-4

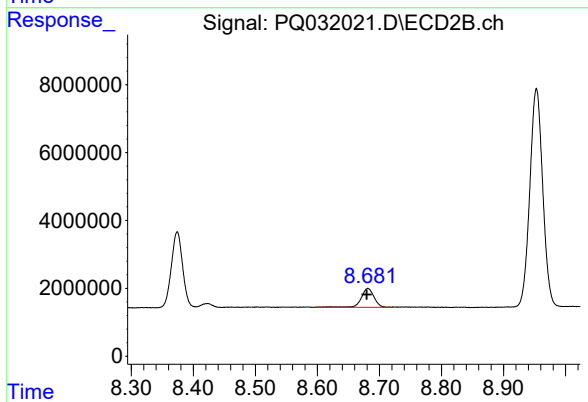
R.T.: 8.170 min
Delta R.T.: 0.004 min
Response: 1103407
Conc: 19.21 ng/ml



#45 AR-1268-5

R.T.: 10.103 min
Delta R.T.: 0.004 min
Response: 7783672
Conc: 10.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.681 min
Delta R.T.: 0.002 min
Response: 8024878
Conc: 11.28 ng/ml