

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100318\
 Data File : PQ032607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2018 20:30
 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: Oct 04 02:50:27 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...	4.588	3.867	116.5E6	91645667	50.240	45.761
2)	SA Decachlor...	10.439	8.936	105.7E6	77445979	50.685	39.995
Target Compounds							
3)	L1 AR-1016-1	5.302	4.549	28492131	22200273	538.376	460.109
4)	L1 AR-1016-2	5.498	4.964	29741127	35405864	567.147	524.669
5)	L1 AR-1016-3	5.766	4.983	41702148	50243522	565.435	537.762
6)	L1 AR-1016-4	5.852	5.040	37841741	32763191	554.361	551.834
7)	L1 AR-1016-5	6.246	5.417	31635622	27947124	580.934	534.750
8)	L2 AR-1221-1	4.794	4.081	3289918	3302112	139.525	162.882
9)	L2 AR-1221-2	4.887	4.171	5119017	4326367	291.640	276.925
10)	L2 AR-1221-3	4.964	4.247	19721885	16279985	356.092	332.431
11)	L3 AR-1232-1	5.789	4.743	63316580	24136958	1527.598	1384.780
12)	L3 AR-1232-2	5.952	4.858	31491738	7212435	1522.327	1429.442
13)	L3 AR-1232-3	6.123	5.243	10022749	25353811	1739.203	1616.451
14)	L3 AR-1232-4	6.457	5.567	8180762	29701269	1695.962	1608.307
15)	L3 AR-1232-5	7.321	6.147	8352919	170714	3243.667	59.828 #
16)	L4 AR-1242-1	5.332	4.569	16712309	12199028	755.328	613.699
17)	L4 AR-1242-2	6.086	5.162	28446588	26533221	783.534	739.590
18)	L4 AR-1242-3	6.288	5.276	13680308	8596073	802.775	730.133
19)	L4 AR-1242-4	6.332	5.640	10308436	7256664	677.032	695.920
20)	L4 AR-1242-5	6.389	6.012	33684927	2622476	741.327	110.485 #
21)	L5 AR-1248-1	6.040	5.200	26218585	20305100	453.042	412.852
22)	L5 AR-1248-2	6.623	5.770	29773872	28304968	529.721	309.628 #
23)	L5 AR-1248-3	6.650	5.811	10859201	6964308	145.180	110.114
24)	L5 AR-1248-4	6.690	5.987	9276934	1556871	131.043	28.537 #
25)	L5 AR-1248-5	6.840	6.336	25282299	48741590	552.735	1197.550 #
26)	L6 AR-1254-1	6.840	5.915	25282299	20422519	152.473	169.854
27)	L6 AR-1254-2	7.125	6.233	4656580	4096449	45.780	41.449
28)	L6 AR-1254-3	7.212	6.550	13681408	3860182	75.229	30.781 #
29)	L6 AR-1254-4	7.497	6.875	10638491	6762603	79.839	76.881
30)	L6 AR-1254-5	7.794	6.967	6603874	79958234	64.588	460.314 #
31)	L7 AR-1260-1	7.374	6.451	65076974	59460908	557.928	554.966
32)	L7 AR-1260-2	7.629	6.638	77439743	72744926	577.073	562.412
33)	L7 AR-1260-3	7.916	6.794	90982222	63722709	587.173	528.056
34)	L7 AR-1260-4	8.223	7.266	64990837	54978486	568.915	561.284
35)	L7 AR-1260-5	8.553	7.505	129.2E6	133.8E6	567.063	560.333
36)	L8 AR-1262-1	7.268	6.336	41717499	48741590	705.661	925.560 #
37)	L8 AR-1262-2	8.048	7.058	29247457	28350229	580.226	561.912
38)	L8 AR-1262-3	8.307	7.364	30978491	29652390	544.898	542.836
39)	L8 AR-1262-4	8.954	7.789	46597882	26386566	406.557	295.225 #
40)	L8 AR-1262-5	9.656	8.360	31859405	29240393	391.942	369.798
41)	L9 AR-1268-1	7.990	7.004	55502114	57431536	1056.414	1139.746

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 Acq On : 03 Oct 2018 20:30
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

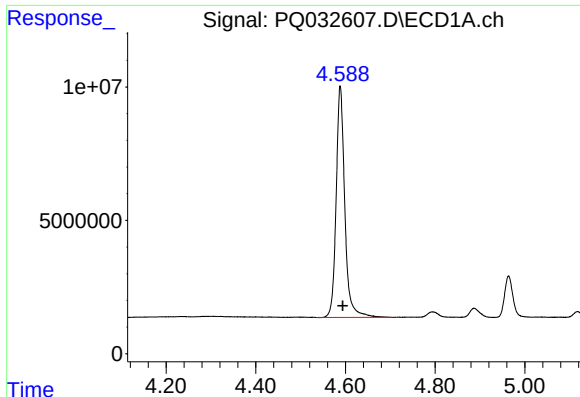
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:50:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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
42) L9	AR-1268-2	8.223	7.854	64990837	92600209	954.308	348.835 #
43) L9	AR-1268-3	8.896	8.062	79487757	2153236	273.079	9.856 #
44) L9	AR-1268-4	9.210	8.157	2283588	1162192	10.100	20.231 #
45) L9	AR-1268-5	10.087	8.667	8686074	7331792	11.703	10.306

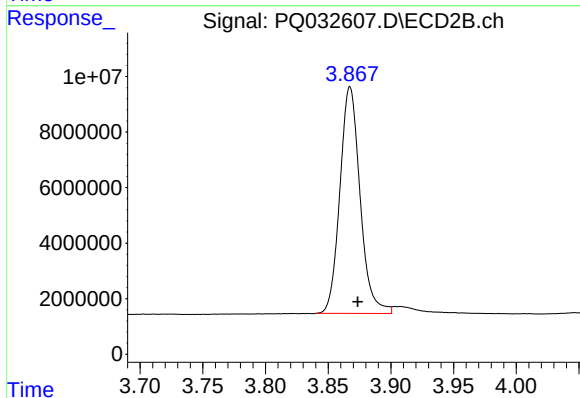
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

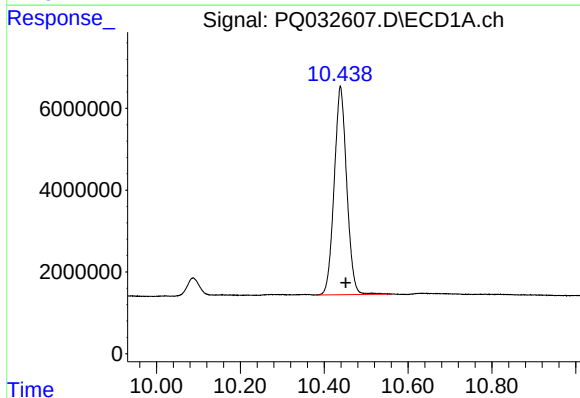
R.T.: 4.588 min
Delta R.T.: -0.006 min
Response: 116492573
Conc: 50.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



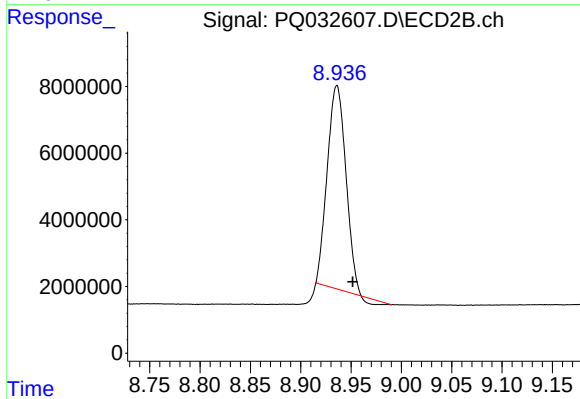
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: -0.006 min
Response: 91645667
Conc: 45.76 ng/ml



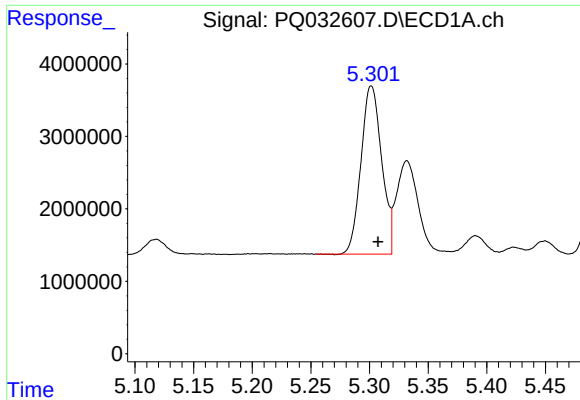
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: -0.013 min
Response: 105660210
Conc: 50.68 ng/ml



#2 Decachlorobiphenyl

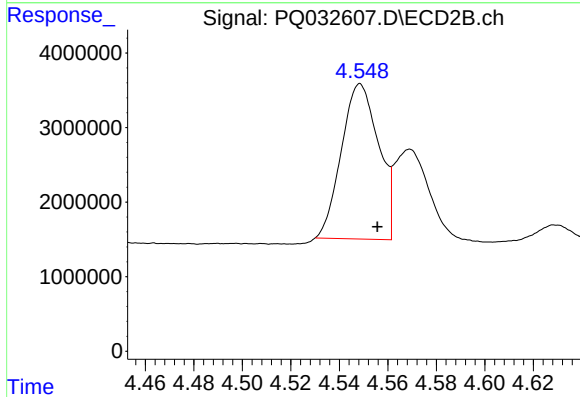
R.T.: 8.936 min
Delta R.T.: -0.016 min
Response: 77445979
Conc: 39.99 ng/ml



#3 AR-1016-1

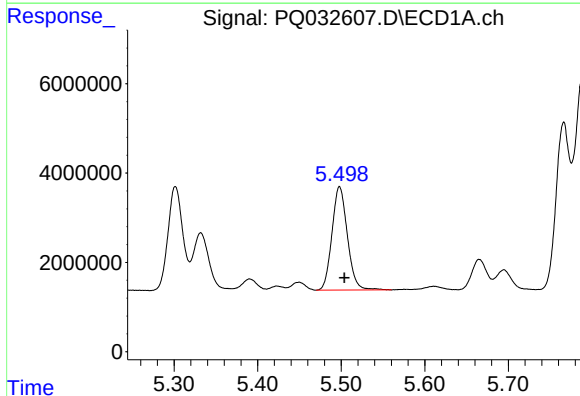
R.T.: 5.302 min
Delta R.T.: -0.006 min
Response: 28492131
Conc: 538.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



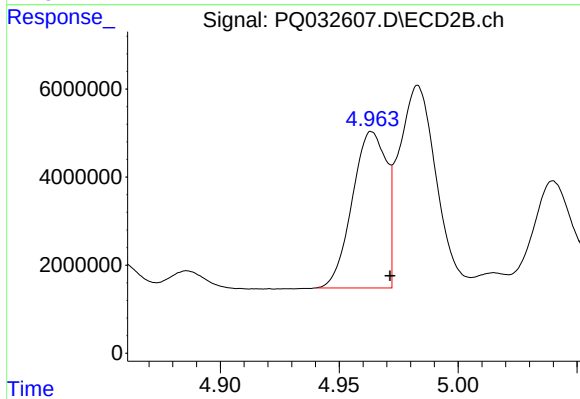
#3 AR-1016-1

R.T.: 4.549 min
Delta R.T.: -0.007 min
Response: 22200273
Conc: 460.11 ng/ml



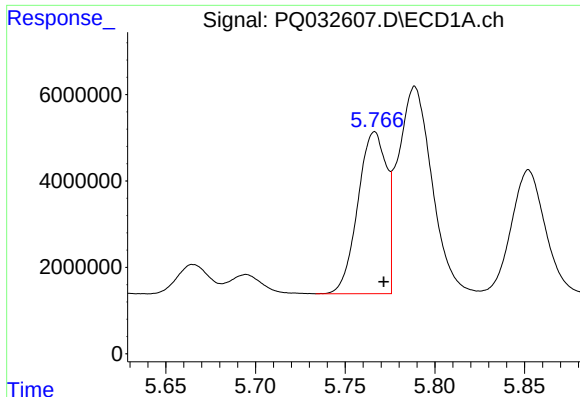
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 29741127
Conc: 567.15 ng/ml



#4 AR-1016-2

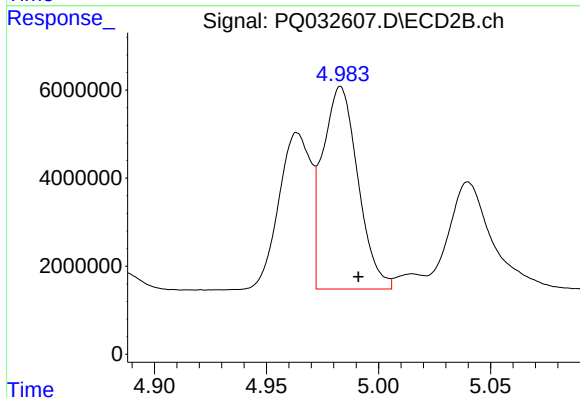
R.T.: 4.964 min
Delta R.T.: -0.008 min
Response: 35405864
Conc: 524.67 ng/ml



#5 AR-1016-3

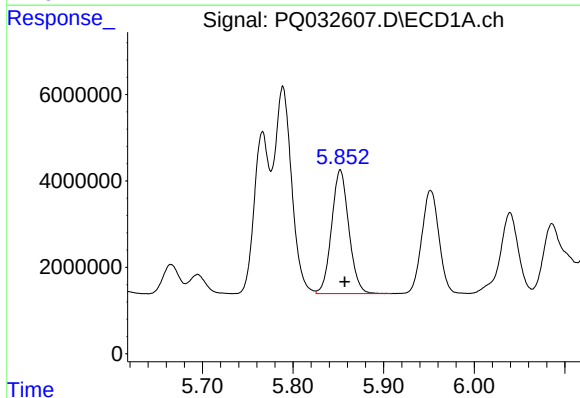
R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 41702148
Conc: 565.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



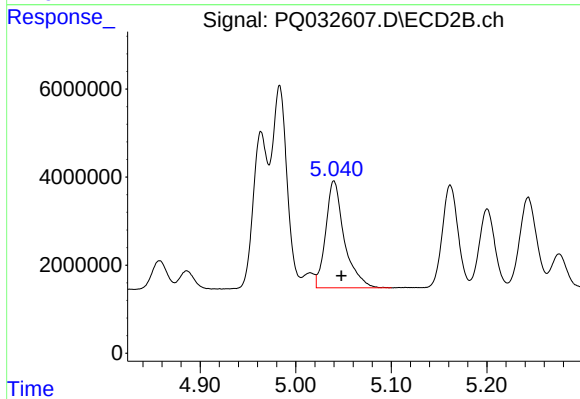
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 50243522
Conc: 537.76 ng/ml



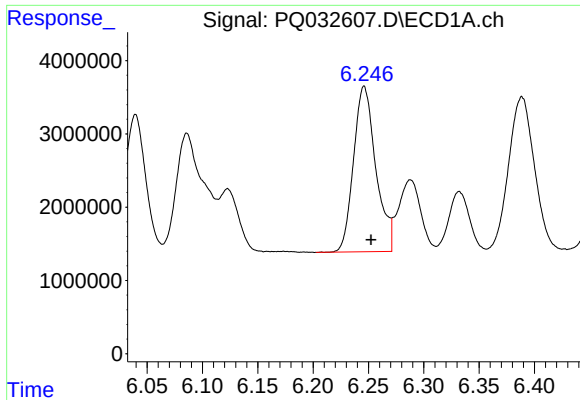
#6 AR-1016-4

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 37841741
Conc: 554.36 ng/ml



#6 AR-1016-4

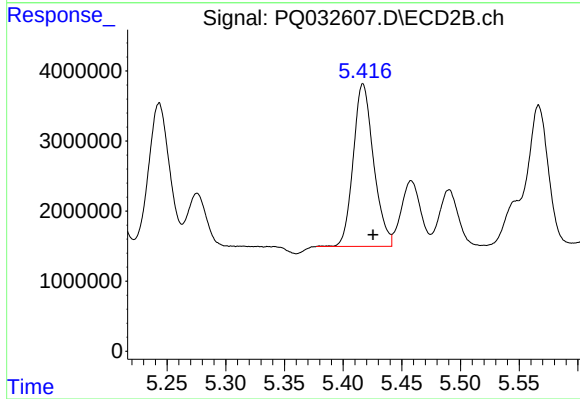
R.T.: 5.040 min
Delta R.T.: -0.008 min
Response: 32763191
Conc: 551.83 ng/ml



#7 AR-1016-5

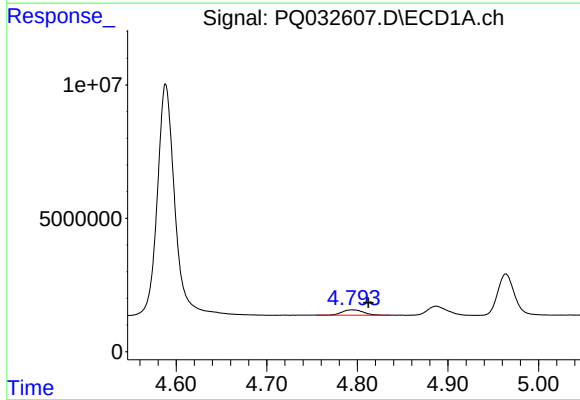
R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 31635622
Conc: 580.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



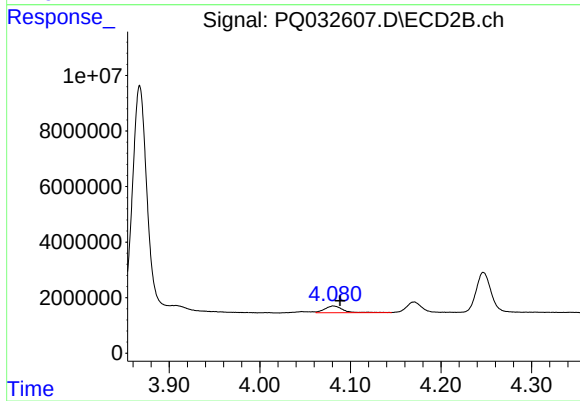
#7 AR-1016-5

R.T.: 5.417 min
Delta R.T.: -0.009 min
Response: 27947124
Conc: 534.75 ng/ml



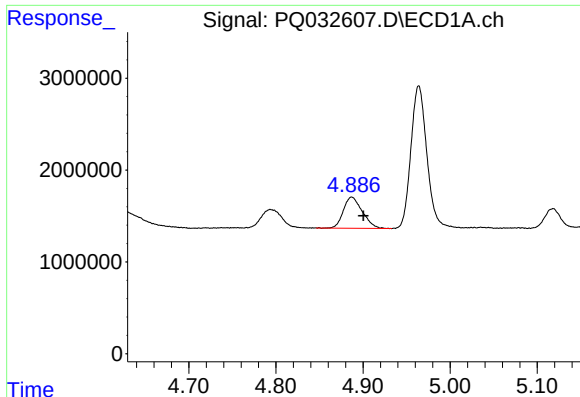
#8 AR-1221-1

R.T.: 4.794 min
Delta R.T.: -0.018 min
Response: 3289918
Conc: 139.53 ng/ml



#8 AR-1221-1

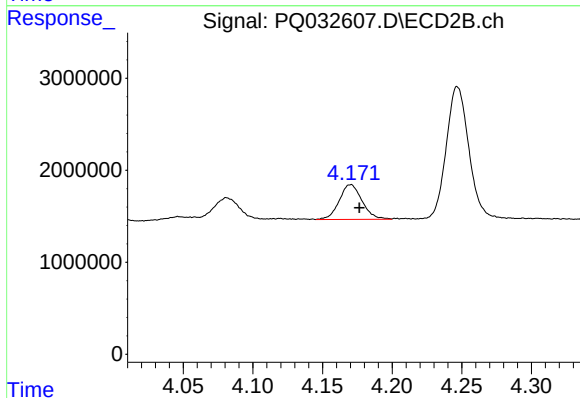
R.T.: 4.081 min
Delta R.T.: -0.008 min
Response: 3302112
Conc: 162.88 ng/ml



#9 AR-1221-2

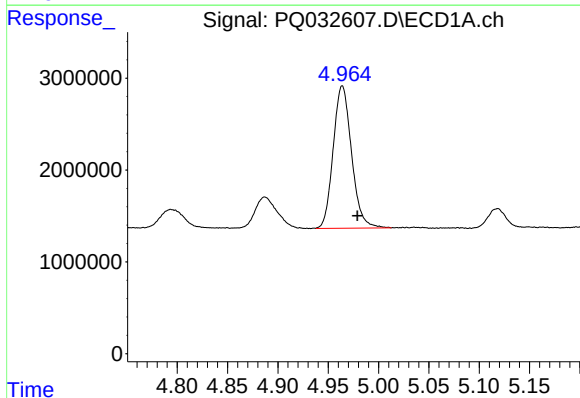
R.T.: 4.887 min
Delta R.T.: -0.013 min
Response: 5119017
Conc: 291.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



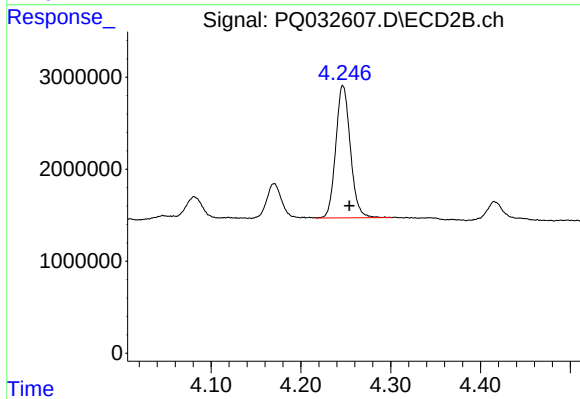
#9 AR-1221-2

R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 4326367
Conc: 276.93 ng/ml



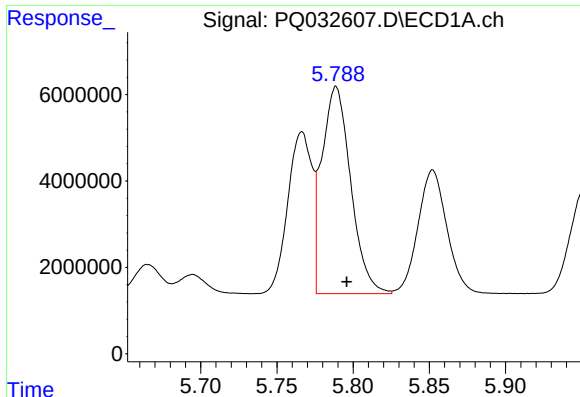
#10 AR-1221-3

R.T.: 4.964 min
Delta R.T.: -0.015 min
Response: 19721885
Conc: 356.09 ng/ml



#10 AR-1221-3

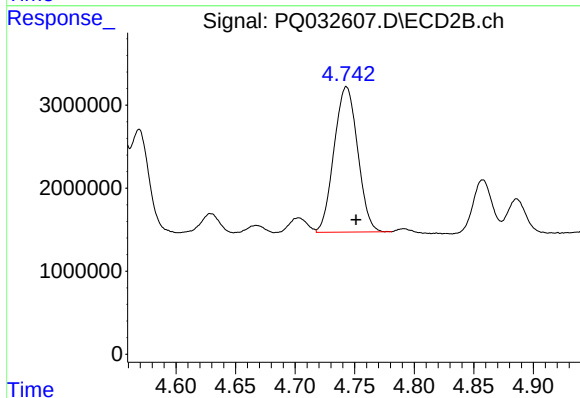
R.T.: 4.247 min
Delta R.T.: -0.008 min
Response: 16279985
Conc: 332.43 ng/ml



#11 AR-1232-1

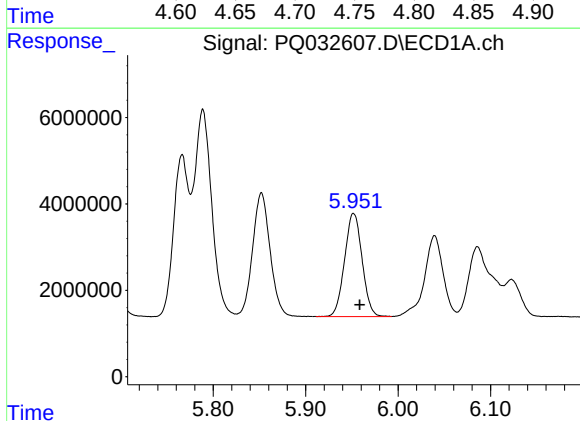
R.T.: 5.789 min
Delta R.T.: -0.007 min
Response: 63316580
Conc: 1527.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



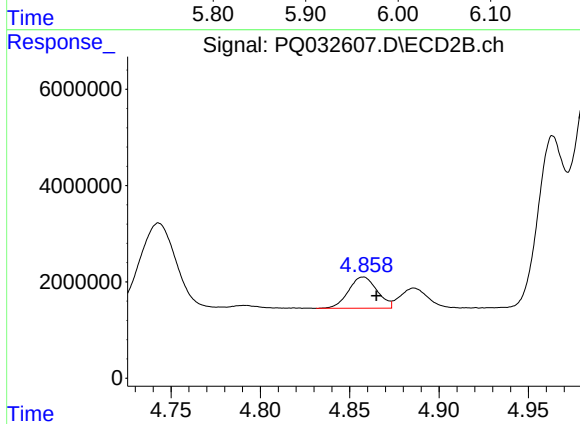
#11 AR-1232-1

R.T.: 4.743 min
Delta R.T.: -0.008 min
Response: 24136958
Conc: 1384.78 ng/ml



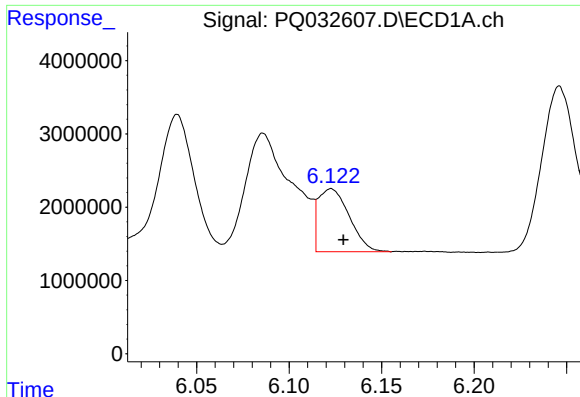
#12 AR-1232-2

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 31491738
Conc: 1522.33 ng/ml



#12 AR-1232-2

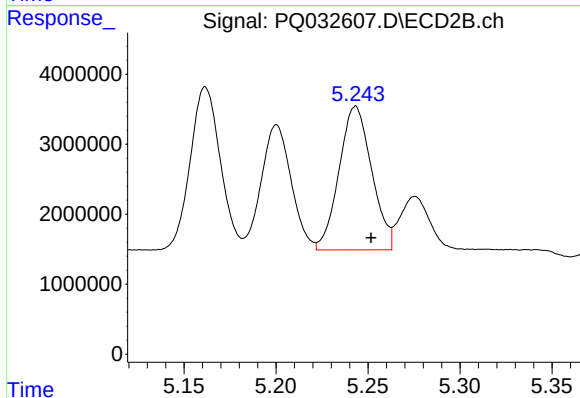
R.T.: 4.858 min
Delta R.T.: -0.007 min
Response: 7212435
Conc: 1429.44 ng/ml



#13 AR-1232-3

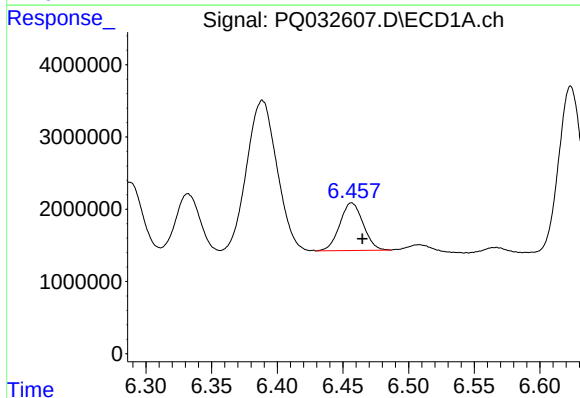
R.T.: 6.123 min
Delta R.T.: -0.007 min
Response: 10022749
Conc: 1739.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



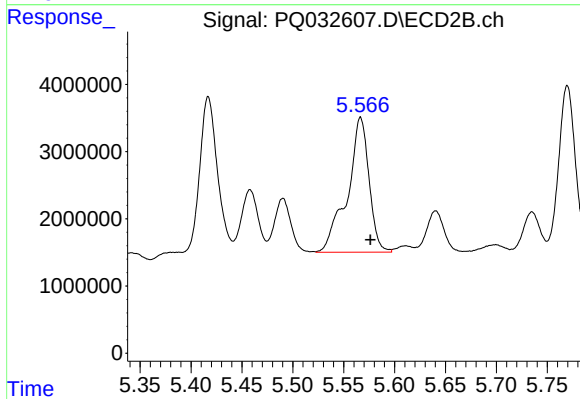
#13 AR-1232-3

R.T.: 5.243 min
Delta R.T.: -0.008 min
Response: 25353811
Conc: 1616.45 ng/ml



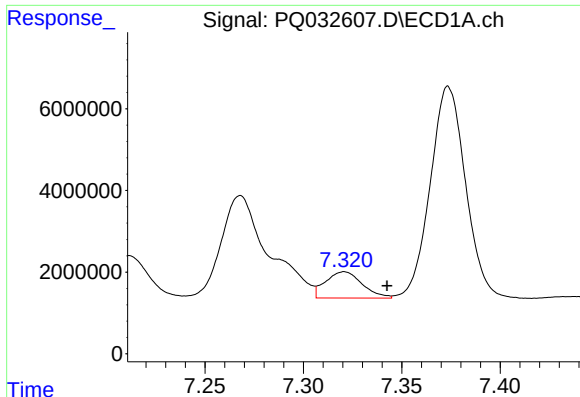
#14 AR-1232-4

R.T.: 6.457 min
Delta R.T.: -0.008 min
Response: 8180762
Conc: 1695.96 ng/ml



#14 AR-1232-4

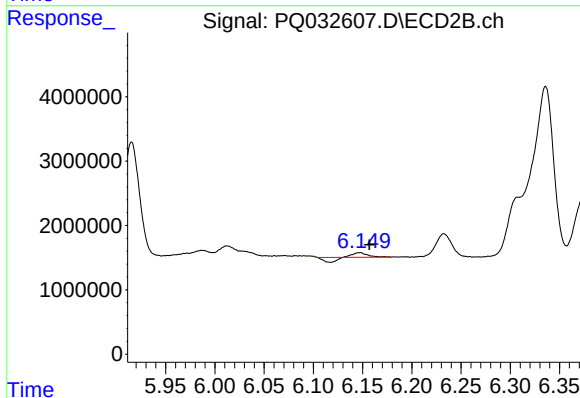
R.T.: 5.567 min
Delta R.T.: -0.010 min
Response: 29701269
Conc: 1608.31 ng/ml



#15 AR-1232-5

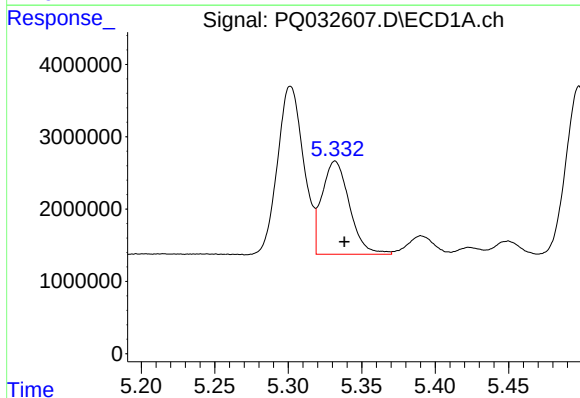
R.T.: 7.321 min
Delta R.T.: -0.022 min
Response: 8352919
Conc: 3243.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



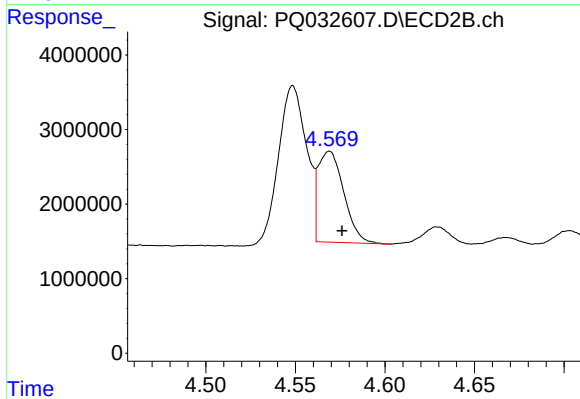
#15 AR-1232-5

R.T.: 6.147 min
Delta R.T.: -0.010 min
Response: 170714
Conc: 59.83 ng/ml



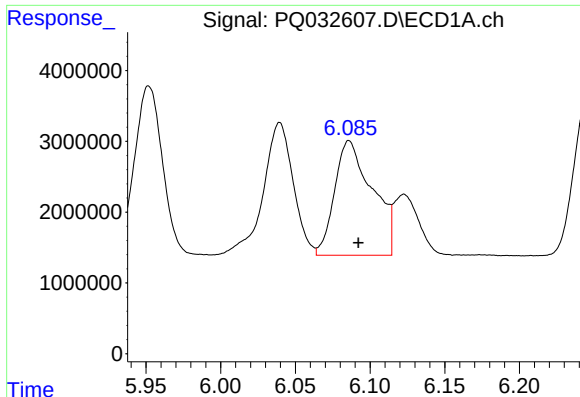
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: -0.006 min
Response: 16712309
Conc: 755.33 ng/ml



#16 AR-1242-1

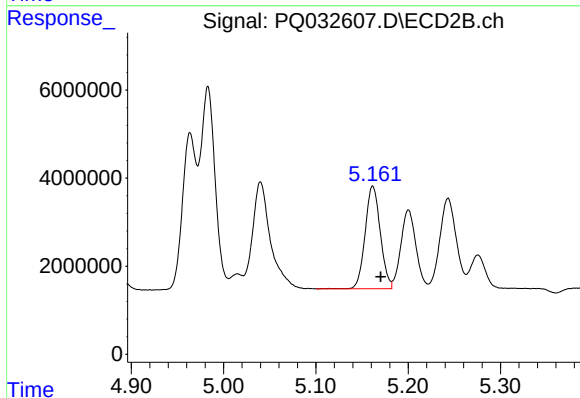
R.T.: 4.569 min
Delta R.T.: -0.007 min
Response: 12199028
Conc: 613.70 ng/ml



#17 AR-1242-2

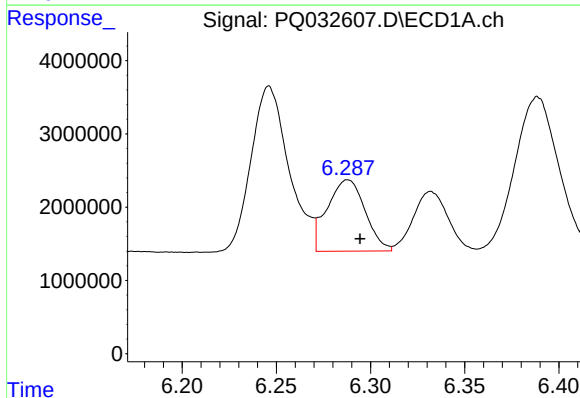
R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 28446588
Conc: 783.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



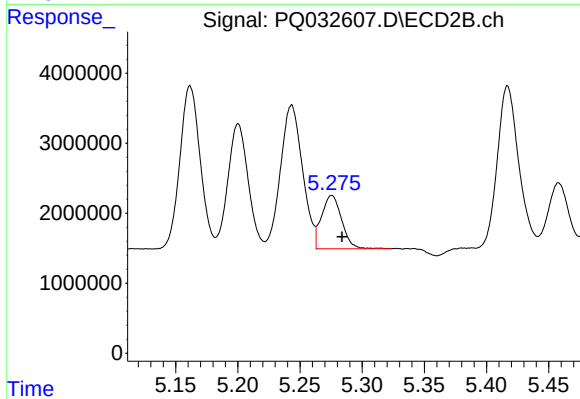
#17 AR-1242-2

R.T.: 5.162 min
Delta R.T.: -0.009 min
Response: 26533221
Conc: 739.59 ng/ml



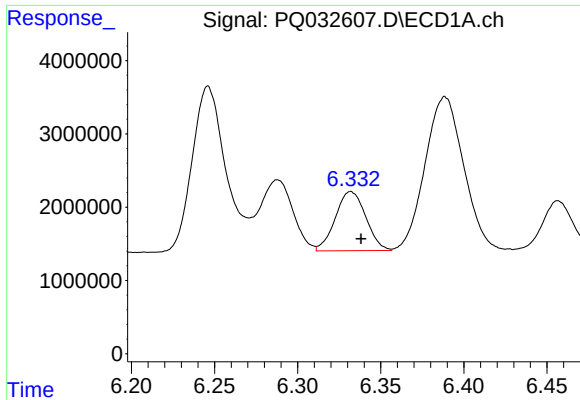
#18 AR-1242-3

R.T.: 6.288 min
Delta R.T.: -0.006 min
Response: 13680308
Conc: 802.77 ng/ml



#18 AR-1242-3

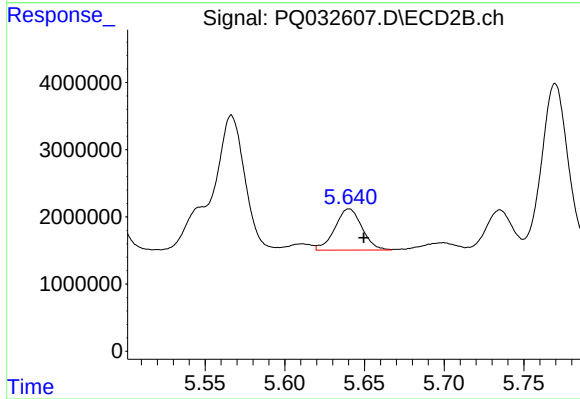
R.T.: 5.276 min
Delta R.T.: -0.008 min
Response: 8596073
Conc: 730.13 ng/ml



#19 AR-1242-4

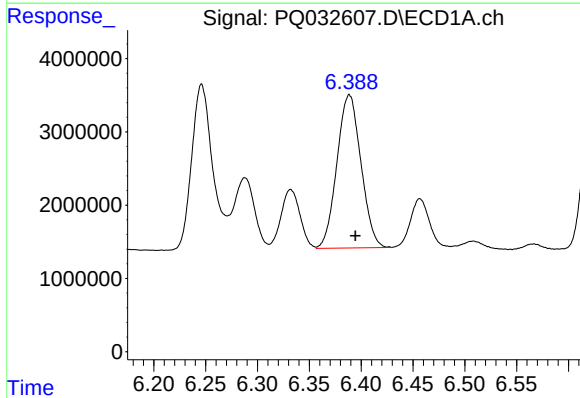
R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 10308436
Conc: 677.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



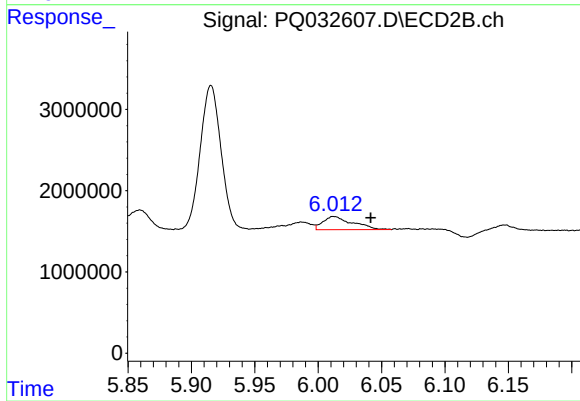
#19 AR-1242-4

R.T.: 5.640 min
Delta R.T.: -0.009 min
Response: 7256664
Conc: 695.92 ng/ml



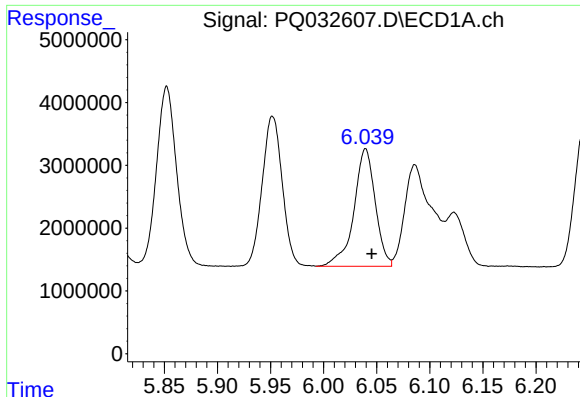
#20 AR-1242-5

R.T.: 6.389 min
Delta R.T.: -0.006 min
Response: 33684927
Conc: 741.33 ng/ml



#20 AR-1242-5

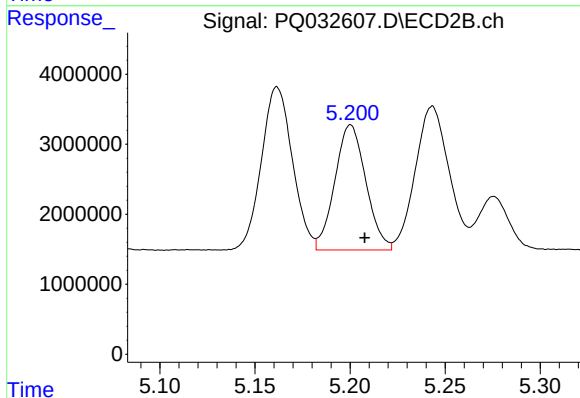
R.T.: 6.012 min
Delta R.T.: -0.029 min
Response: 2622476
Conc: 110.48 ng/ml



#21 AR-1248-1

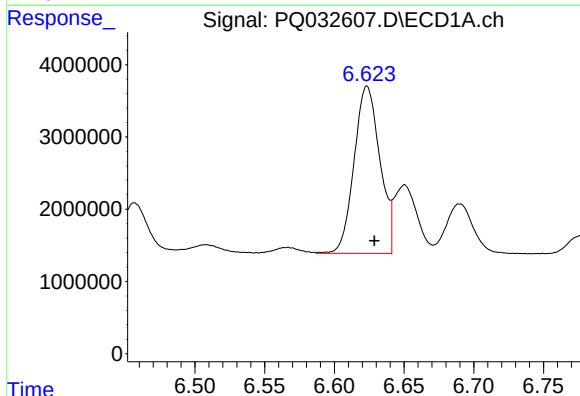
R.T.: 6.040 min
Delta R.T.: -0.006 min
Response: 26218585
Conc: 453.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



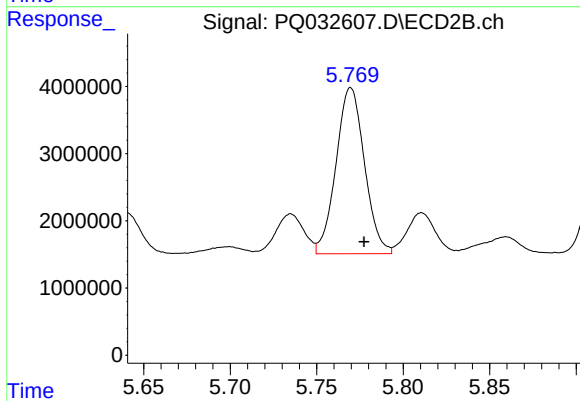
#21 AR-1248-1

R.T.: 5.200 min
Delta R.T.: -0.007 min
Response: 20305100
Conc: 412.85 ng/ml



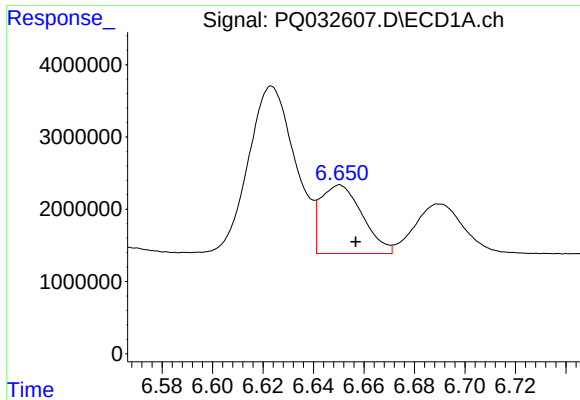
#22 AR-1248-2

R.T.: 6.623 min
Delta R.T.: -0.005 min
Response: 29773872
Conc: 529.72 ng/ml



#22 AR-1248-2

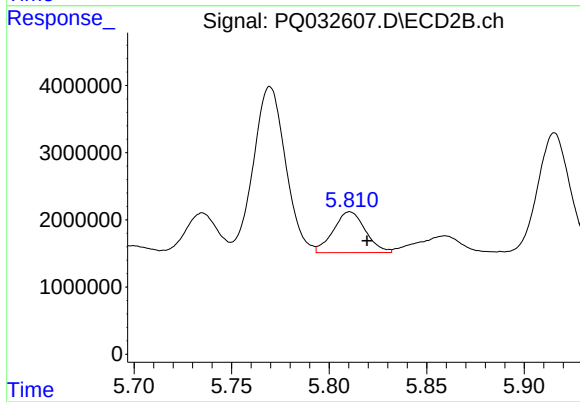
R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 28304968
Conc: 309.63 ng/ml



#23 AR-1248-3

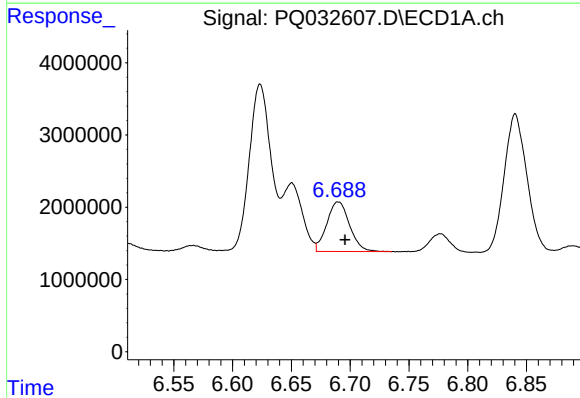
R.T.: 6.650 min
Delta R.T.: -0.006 min
Response: 10859201
Conc: 145.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



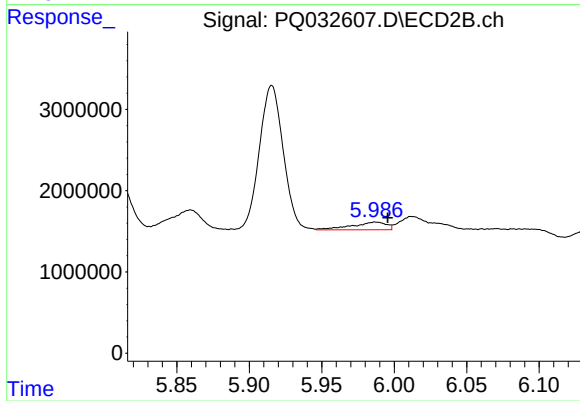
#23 AR-1248-3

R.T.: 5.811 min
Delta R.T.: -0.009 min
Response: 6964308
Conc: 110.11 ng/ml



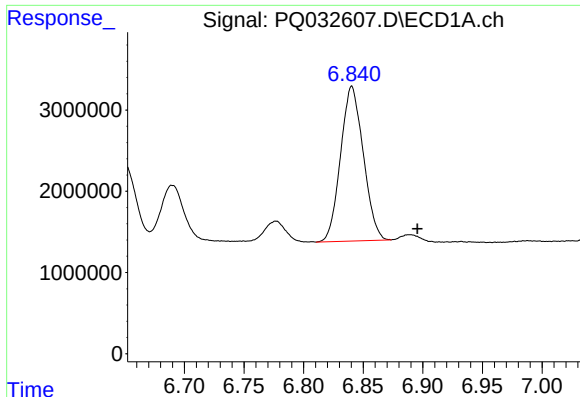
#24 AR-1248-4

R.T.: 6.690 min
Delta R.T.: -0.006 min
Response: 9276934
Conc: 131.04 ng/ml



#24 AR-1248-4

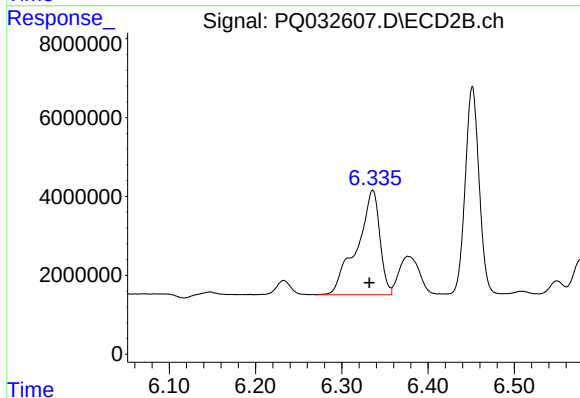
R.T.: 5.987 min
Delta R.T.: -0.008 min
Response: 1556871
Conc: 28.54 ng/ml



#25 AR-1248-5

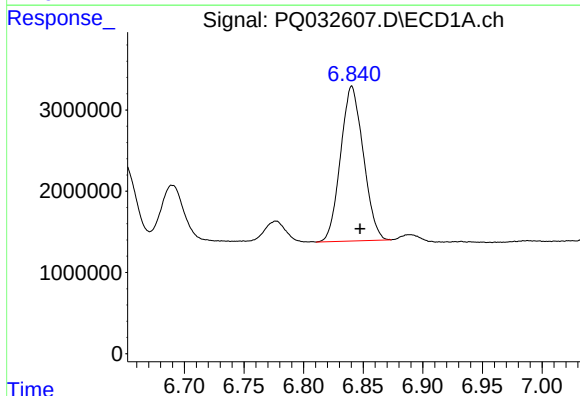
R.T.: 6.840 min
Delta R.T.: -0.055 min
Response: 25282299
Conc: 552.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



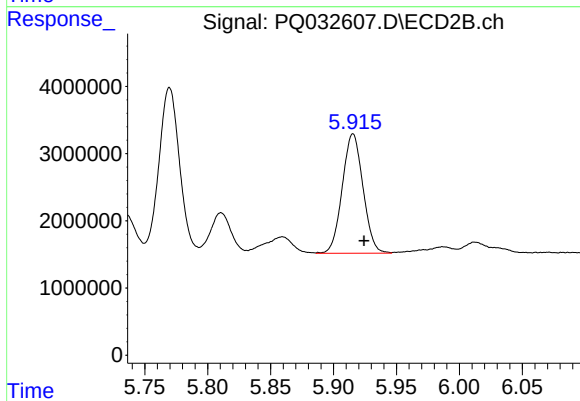
#25 AR-1248-5

R.T.: 6.336 min
Delta R.T.: 0.004 min
Response: 48741590
Conc: 1197.55 ng/ml



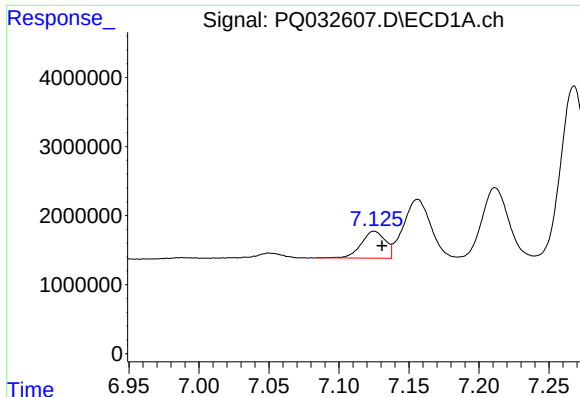
#26 AR-1254-1

R.T.: 6.840 min
Delta R.T.: -0.007 min
Response: 25282299
Conc: 152.47 ng/ml



#26 AR-1254-1

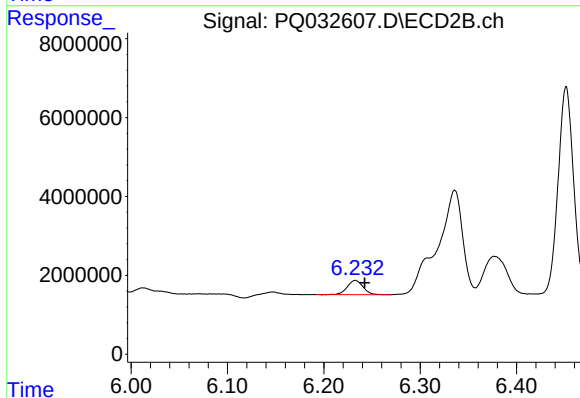
R.T.: 5.915 min
Delta R.T.: -0.009 min
Response: 20422519
Conc: 169.85 ng/ml



#27 AR-1254-2

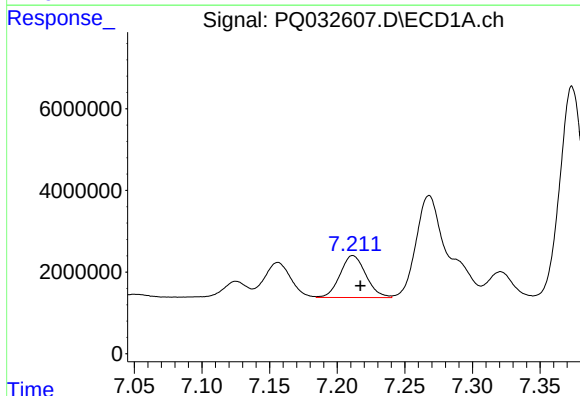
R.T.: 7.125 min
Delta R.T.: -0.006 min
Response: 4656580
Conc: 45.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



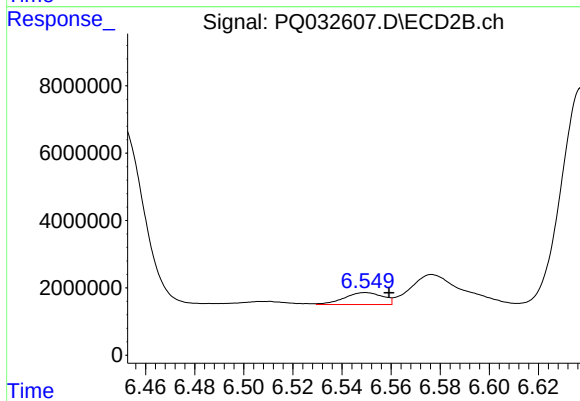
#27 AR-1254-2

R.T.: 6.233 min
Delta R.T.: -0.010 min
Response: 4096449
Conc: 41.45 ng/ml



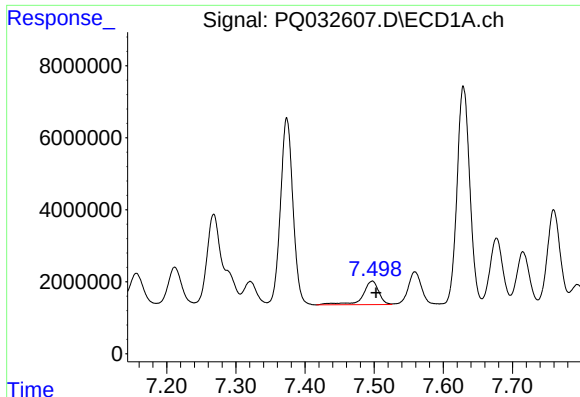
#28 AR-1254-3

R.T.: 7.212 min
Delta R.T.: -0.006 min
Response: 13681408
Conc: 75.23 ng/ml



#28 AR-1254-3

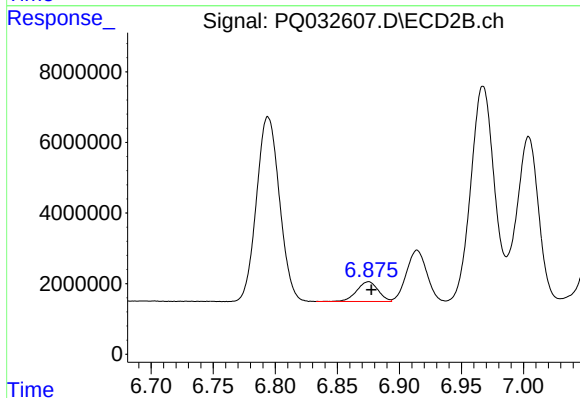
R.T.: 6.550 min
Delta R.T.: -0.010 min
Response: 3860182
Conc: 30.78 ng/ml



#29 AR-1254-4

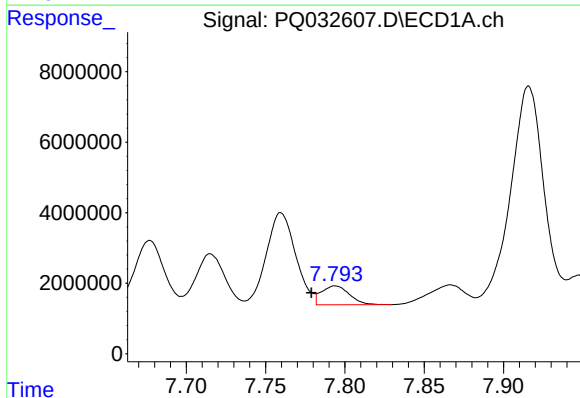
R.T.: 7.497 min
Delta R.T.: -0.005 min
Response: 10638491
Conc: 79.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



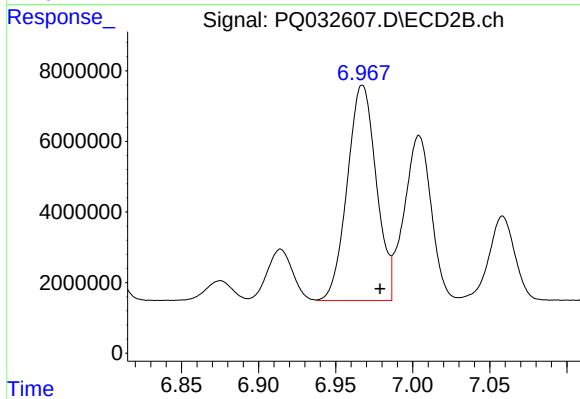
#29 AR-1254-4

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 6762603
Conc: 76.88 ng/ml



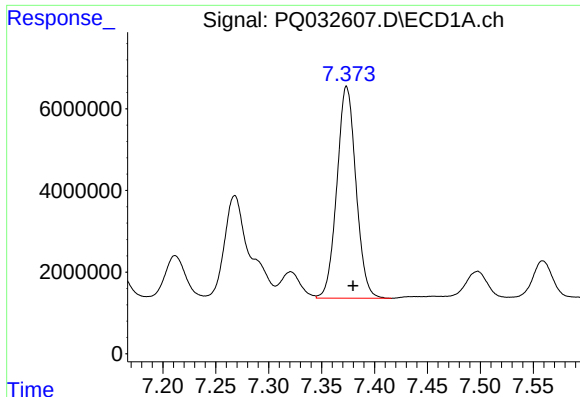
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.015 min
Response: 6603874
Conc: 64.59 ng/ml



#30 AR-1254-5

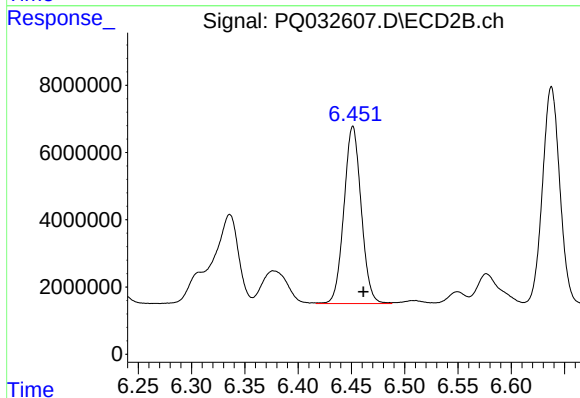
R.T.: 6.967 min
Delta R.T.: -0.011 min
Response: 79958234
Conc: 460.31 ng/ml



#31 AR-1260-1

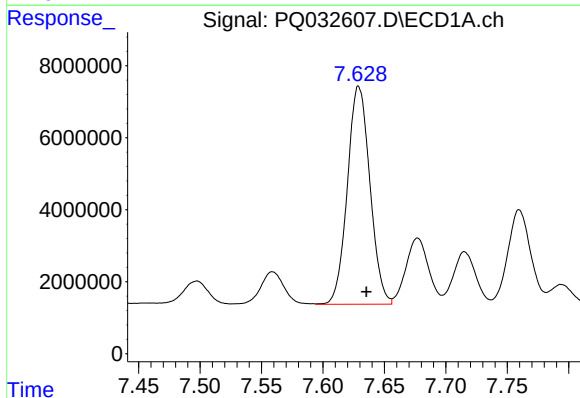
R.T.: 7.374 min
Delta R.T.: -0.006 min
Response: 65076974
Conc: 557.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



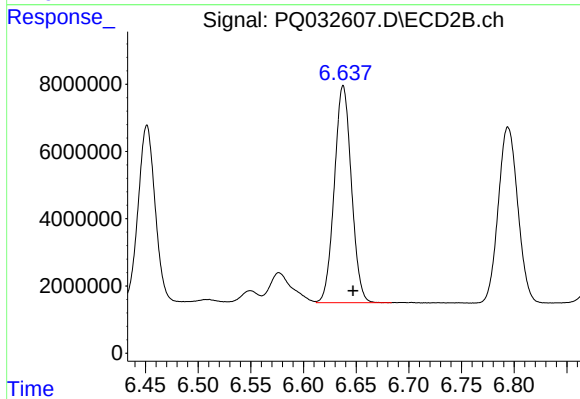
#31 AR-1260-1

R.T.: 6.451 min
Delta R.T.: -0.010 min
Response: 59460908
Conc: 554.97 ng/ml



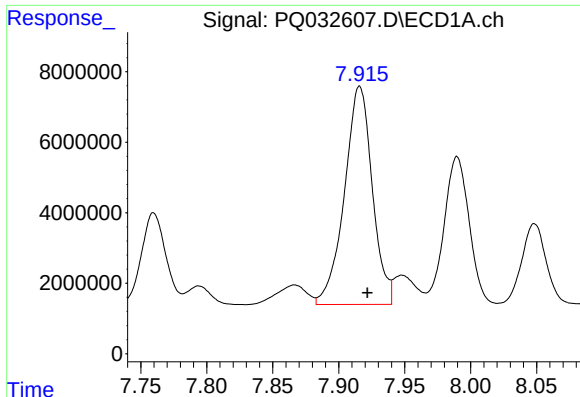
#32 AR-1260-2

R.T.: 7.629 min
Delta R.T.: -0.006 min
Response: 77439743
Conc: 577.07 ng/ml



#32 AR-1260-2

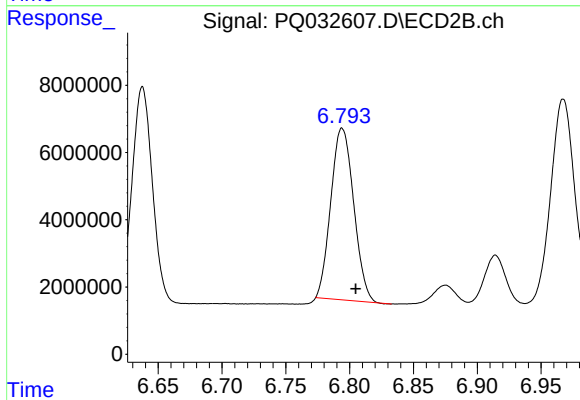
R.T.: 6.638 min
Delta R.T.: -0.009 min
Response: 72744926
Conc: 562.41 ng/ml



#33 AR-1260-3

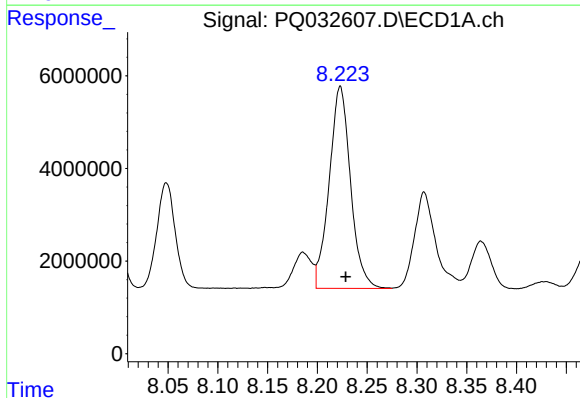
R.T.: 7.916 min
Delta R.T.: -0.006 min
Response: 90982222
Conc: 587.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



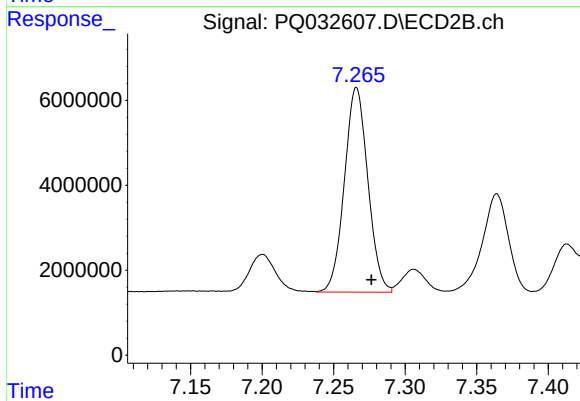
#33 AR-1260-3

R.T.: 6.794 min
Delta R.T.: -0.011 min
Response: 63722709
Conc: 528.06 ng/ml



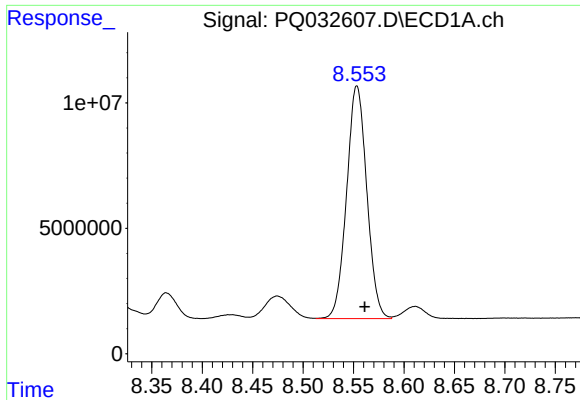
#34 AR-1260-4

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 64990837
Conc: 568.92 ng/ml



#34 AR-1260-4

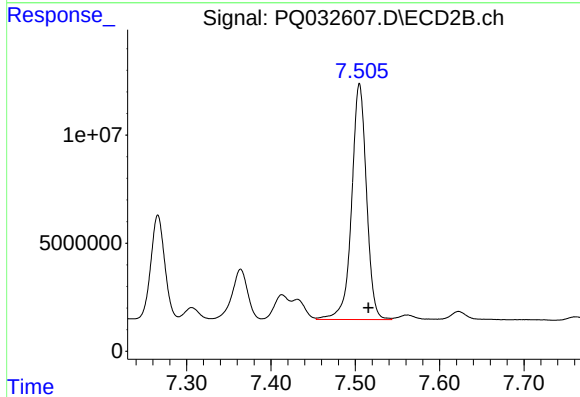
R.T.: 7.266 min
Delta R.T.: -0.010 min
Response: 54978486
Conc: 561.28 ng/ml



#35 AR-1260-5

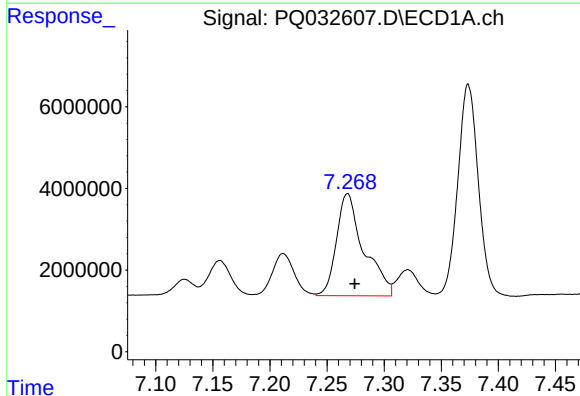
R.T.: 8.553 min
Delta R.T.: -0.008 min
Response: 129172419
Conc: 567.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



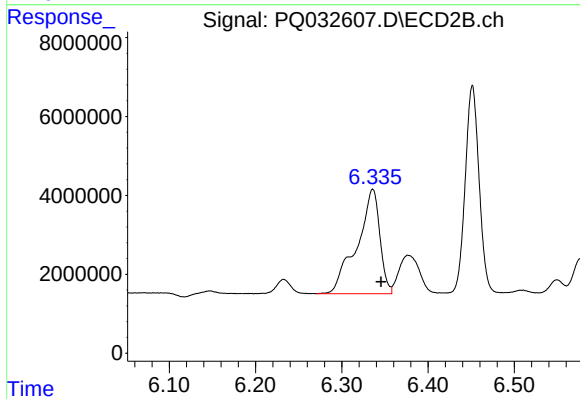
#35 AR-1260-5

R.T.: 7.505 min
Delta R.T.: -0.010 min
Response: 133806781
Conc: 560.33 ng/ml



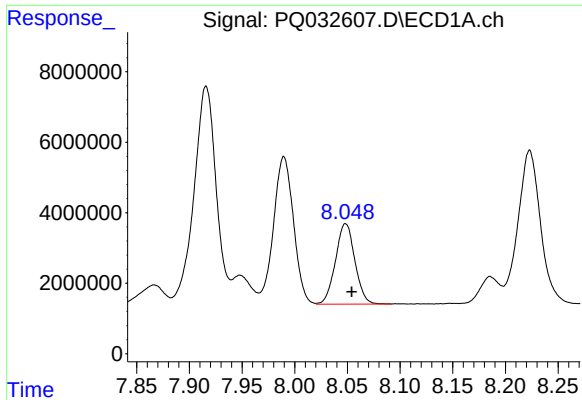
#36 AR-1262-1

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 41717499
Conc: 705.66 ng/ml



#36 AR-1262-1

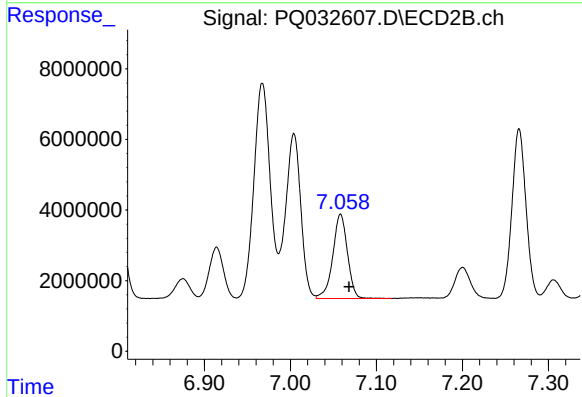
R.T.: 6.336 min
Delta R.T.: -0.010 min
Response: 48741590
Conc: 925.56 ng/ml



#37 AR-1262-2

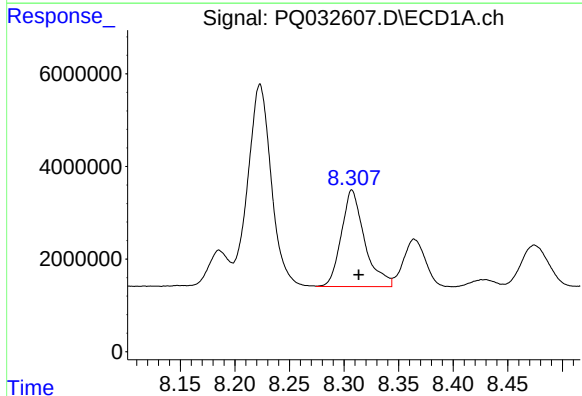
R.T.: 8.048 min
Delta R.T.: -0.006 min
Response: 29247457
Conc: 580.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



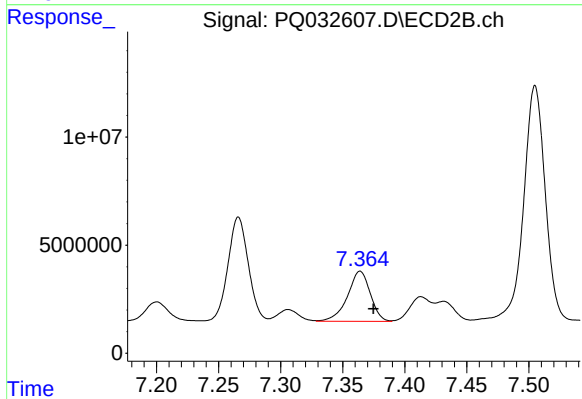
#37 AR-1262-2

R.T.: 7.058 min
Delta R.T.: -0.010 min
Response: 28350229
Conc: 561.91 ng/ml



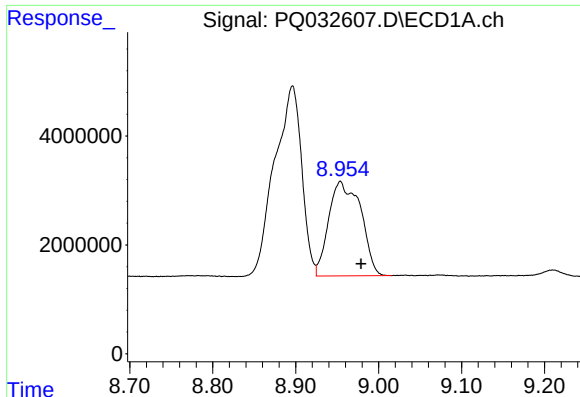
#38 AR-1262-3

R.T.: 8.307 min
Delta R.T.: -0.006 min
Response: 30978491
Conc: 544.90 ng/ml



#38 AR-1262-3

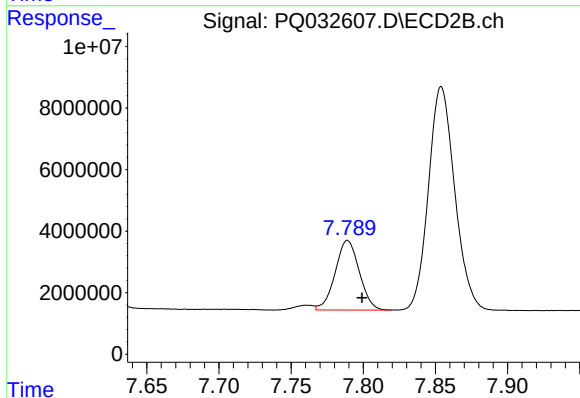
R.T.: 7.364 min
Delta R.T.: -0.011 min
Response: 29652390
Conc: 542.84 ng/ml



#39 AR-1262-4

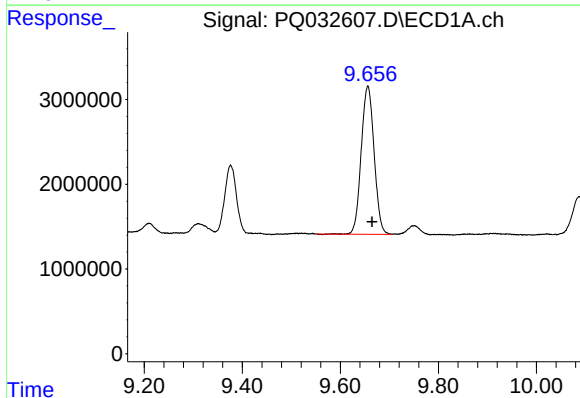
R.T.: 8.954 min
Delta R.T.: -0.025 min
Response: 46597882
Conc: 406.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



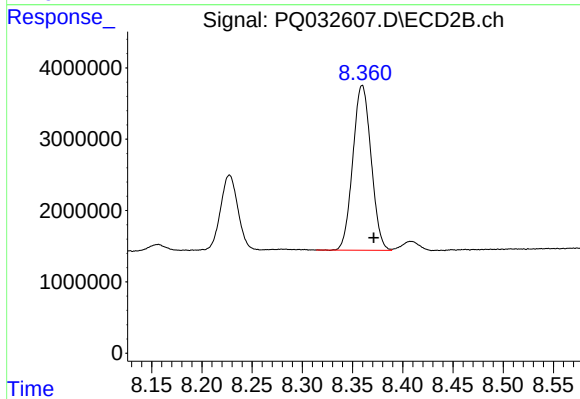
#39 AR-1262-4

R.T.: 7.789 min
Delta R.T.: -0.010 min
Response: 26386566
Conc: 295.22 ng/ml



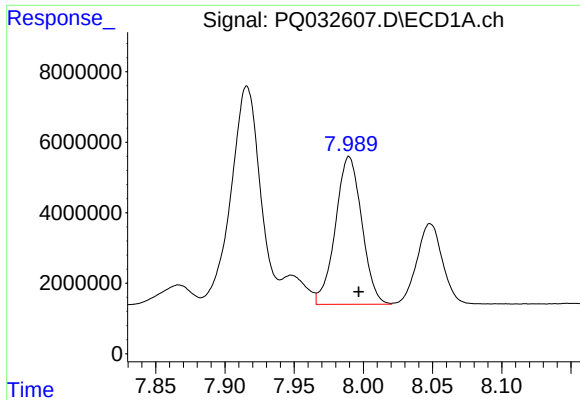
#40 AR-1262-5

R.T.: 9.656 min
Delta R.T.: -0.009 min
Response: 31859405
Conc: 391.94 ng/ml



#40 AR-1262-5

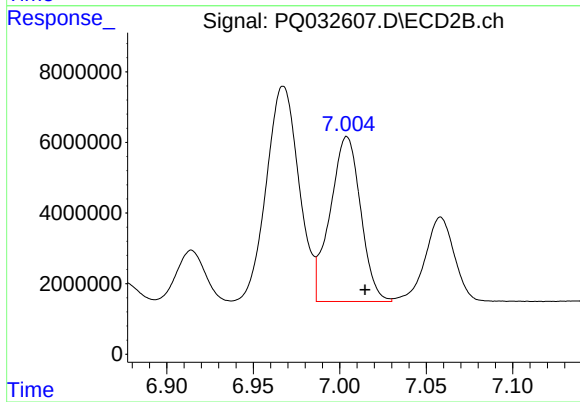
R.T.: 8.360 min
Delta R.T.: -0.011 min
Response: 29240393
Conc: 369.80 ng/ml



#41 AR-1268-1

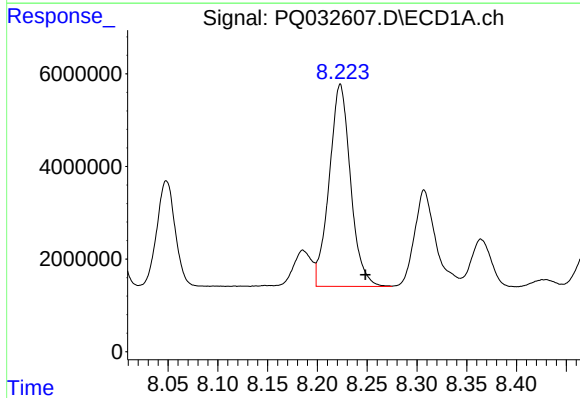
R.T.: 7.990 min
Delta R.T.: -0.007 min
Response: 55502114
Conc: 1056.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



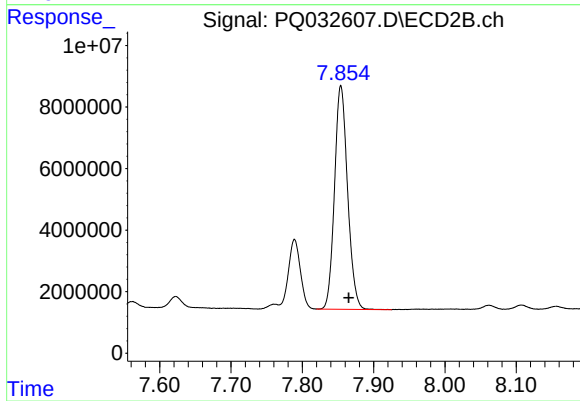
#41 AR-1268-1

R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 57431536
Conc: 1139.75 ng/ml



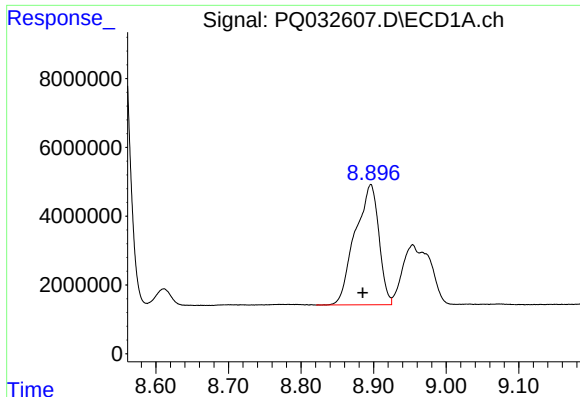
#42 AR-1268-2

R.T.: 8.223 min
Delta R.T.: -0.025 min
Response: 64990837
Conc: 954.31 ng/ml



#42 AR-1268-2

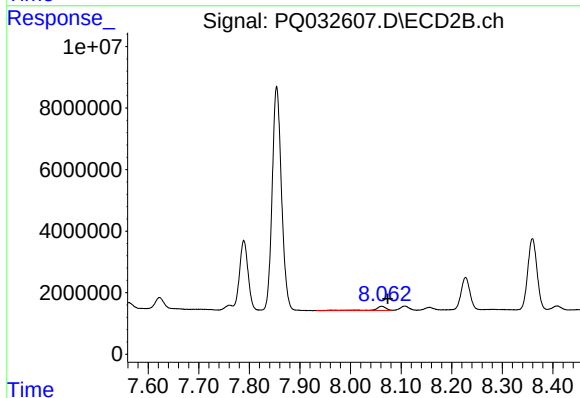
R.T.: 7.854 min
Delta R.T.: -0.011 min
Response: 92600209
Conc: 348.83 ng/ml



#43 AR-1268-3

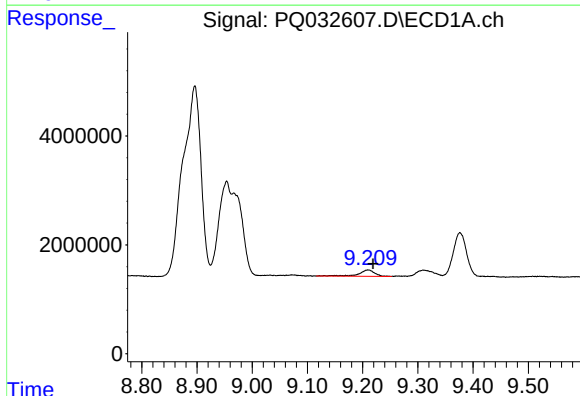
R.T.: 8.896 min
Delta R.T.: 0.011 min
Response: 79487757
Conc: 273.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



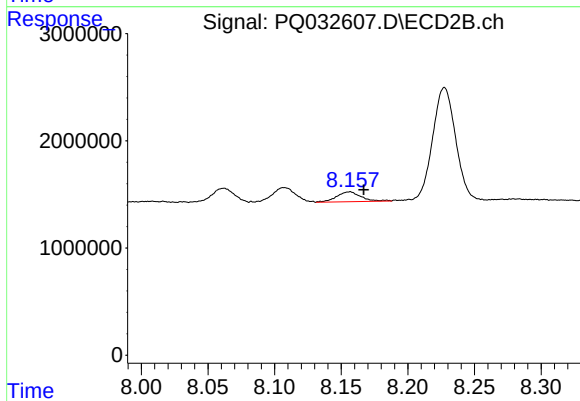
#43 AR-1268-3

R.T.: 8.062 min
Delta R.T.: -0.012 min
Response: 2153236
Conc: 9.86 ng/ml



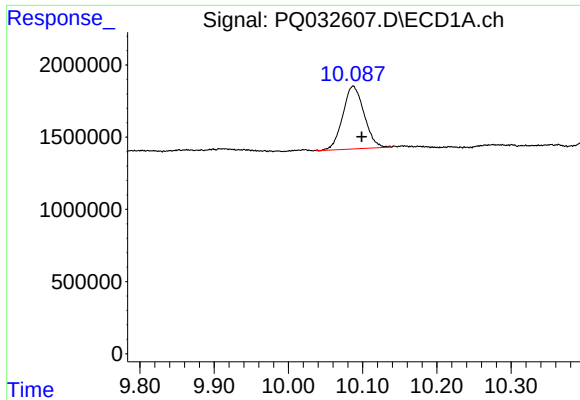
#44 AR-1268-4

R.T.: 9.210 min
Delta R.T.: -0.009 min
Response: 2283588
Conc: 10.10 ng/ml



#44 AR-1268-4

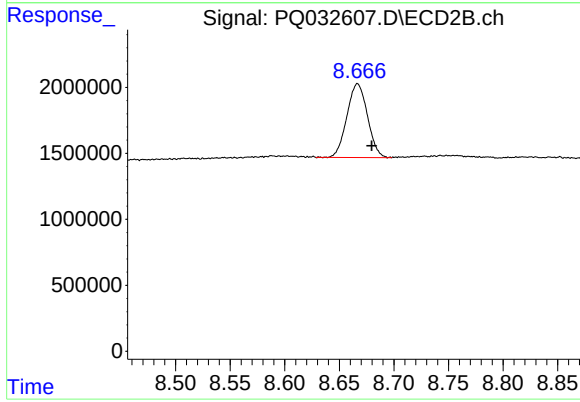
R.T.: 8.157 min
Delta R.T.: -0.010 min
Response: 1162192
Conc: 20.23 ng/ml



#45 AR-1268-5

R.T.: 10.087 min
Delta R.T.: -0.012 min
Response: 8686074
Conc: 11.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.667 min
Delta R.T.: -0.013 min
Response: 7331792
Conc: 10.31 ng/ml