

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072720\
 Data File : PQ048956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2020 20:52
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:58:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072420CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 24 16:48:23 2020
 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...	5.269	4.291	79569291	42113393	18.064	19.333
2)	SA Decachlor...	11.509	9.648	358.9E6	184.9E6	37.356	36.328
Target Compounds							
3)	L1 AR-1016-1	6.598	5.553	61255747	33154424	288.676	295.455
4)	L1 AR-1016-2	6.622	5.573	84276708	45417647	288.319	299.065
5)	L1 AR-1016-3	6.690	5.766	52850193	24415471	290.903	295.223
6)	L1 AR-1016-4	6.798	5.816	45098197	19321020	287.750	277.739
7)	L1 AR-1016-5	7.113	6.047	49121975	25961944	312.821	298.934
8)	L2 AR-1221-1	5.514	4.547	3883351	2471924	82.337	93.417
9)	L2 AR-1221-2	5.622	4.649	6882095	3524604	145.554	178.188
10)	L2 AR-1221-3	5.710	4.738	27606640	14259099	194.791	214.397
11)	L3 AR-1232-1	5.710	4.738	27606640	14259099	266.973	250.463
12)	L3 AR-1232-2	6.303	5.573	38784426	45417647	705.391	688.480
13)	L3 AR-1232-3	6.622	5.766	84276708	24415471	626.551	692.840
14)	L3 AR-1232-4	6.798	5.861	45098197	24323932	680.769	727.370
15)	L3 AR-1232-5	6.892	6.047	38820644	25961944	658.662	742.437
16)	L4 AR-1242-1	6.598	5.553	61255747	33154424	386.540	398.604
17)	L4 AR-1242-2	6.622	5.573	84276708	45417647	391.861	404.701
18)	L4 AR-1242-3	6.690	5.766	52850193	24415471	389.759	396.313
19)	L4 AR-1242-4	6.798	5.861	45098197	24323932	388.755	385.934
20)	L4 AR-1242-5	7.582	6.426	57013937	35959461	369.856	375.759
21)	L5 AR-1248-1	6.598	5.553	61255747	33154424	483.787	489.579
22)	L5 AR-1248-2	6.892	5.816	38820644	19321020	222.236	208.254
23)	L5 AR-1248-3	7.113	5.861	49121975	24323932	239.317	257.607
24)	L5 AR-1248-4	7.542	6.047	54794879	25961944	211.559	226.811
25)	L5 AR-1248-5	7.582	6.469	57013937	30894564	231.448	236.243
26)	L6 AR-1254-1	7.511	6.426	40603577	35959461	162.072	184.941
27)	L6 AR-1254-2	7.749	6.584	51866908	8928333	129.714	50.444 #
28)	L6 AR-1254-3	8.124	7.006	19923544	12564582	45.979	41.038
29)	L6 AR-1254-4	8.422	7.244	17986056	10438437	49.191	50.062
30)	L6 AR-1254-5	8.851	7.675	3005161	3661226	7.700	12.274 #
31)	L7 AR-1260-1	8.293	7.155	2148279	4884928	6.522	22.830 #
32)	L7 AR-1260-2	8.551	7.337	4020658	1292187	9.333	4.718 #
33)	L7 AR-1260-3	0.000	7.494	0	1445566	N.D.	5.755 #
34)	L7 AR-1260-4	9.163	8.014	2435461	1100481	6.106	4.774
35)	L7 AR-1260-5	0.000	8.201	0	1687071	N.D.	2.819 #
36)	L8 AR-1262-1	0.000	7.675	0	3661226	N.D.	20.411 #
37)	L8 AR-1262-2	0.000	8.201	0	1687071	N.D.	2.460 #
38)	L8 AR-1262-3	9.880	8.572	156552	405479	0.281	1.424 #
39)	L8 AR-1262-4	0.000	8.572	0	405479	N.D.	0.776 #
41)	L9 AR-1268-1	9.880	8.572	156552	405479	0.116	0.517 #
42)	L9 AR-1268-2	0.000	8.572	0	405479	N.D.	0.554 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072720\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2020 20:52
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

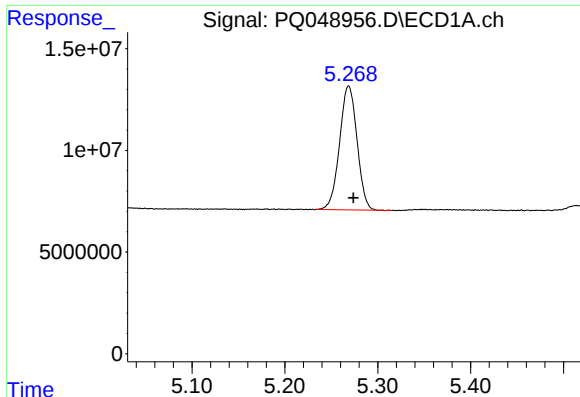
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:58:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072420CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 24 16:48:23 2020
 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
43) L9	AR-1268-3	10.205	8.786	2410432	1412264	2.123	2.286
45) L9	AR-1268-5	11.140	9.383	2939907	1464330	0.751	0.691

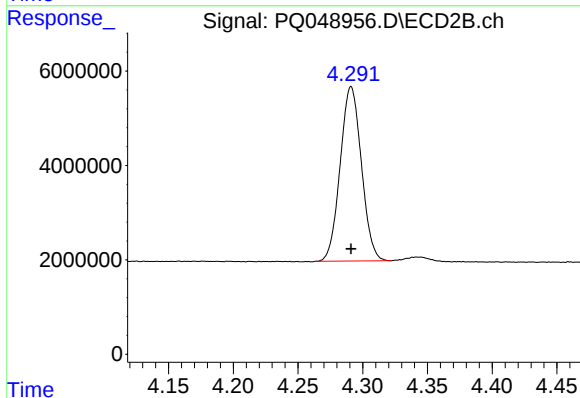
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

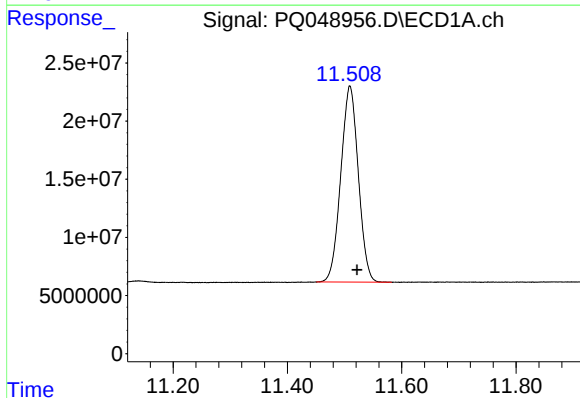
R.T.: 5.269 min
Delta R.T.: -0.005 min
Response: 79569291
Conc: 18.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



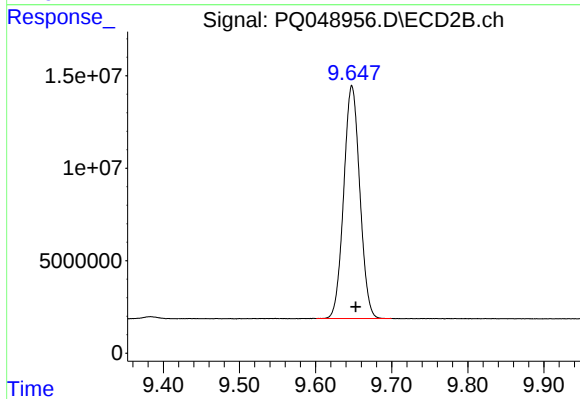
#1 Tetrachloro-m-xylene

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 42113393
Conc: 19.33 ng/ml



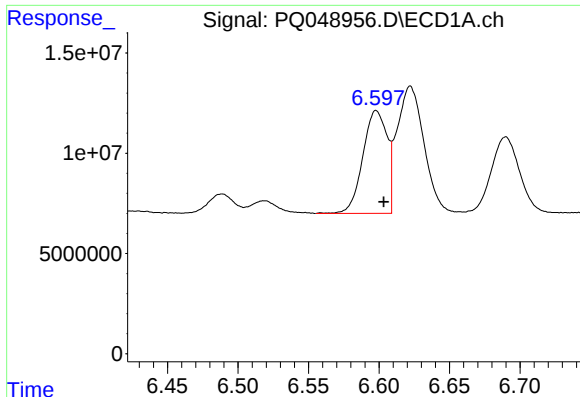
#2 Decachlorobiphenyl

R.T.: 11.509 min
Delta R.T.: -0.013 min
Response: 358930365
Conc: 37.36 ng/ml



#2 Decachlorobiphenyl

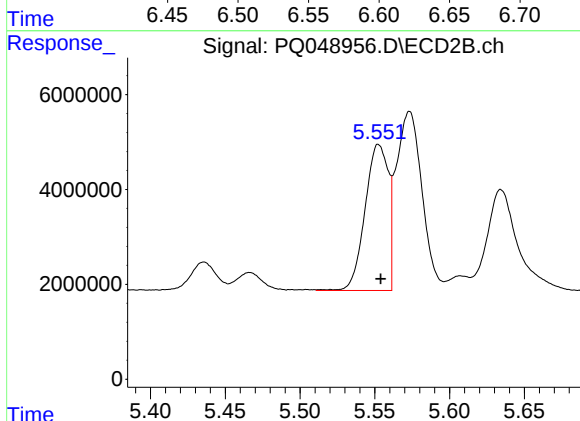
R.T.: 9.648 min
Delta R.T.: -0.005 min
Response: 184895481
Conc: 36.33 ng/ml



#3 AR-1016-1

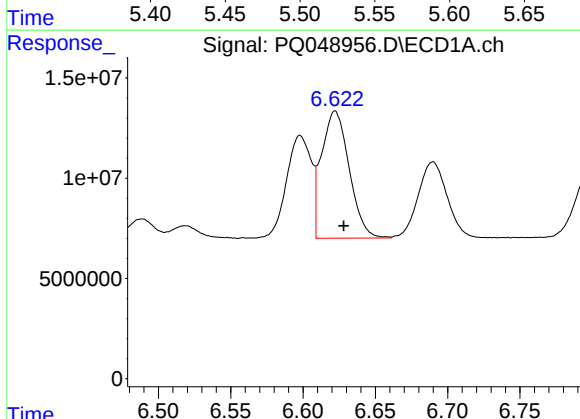
R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 61255747
Conc: 288.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



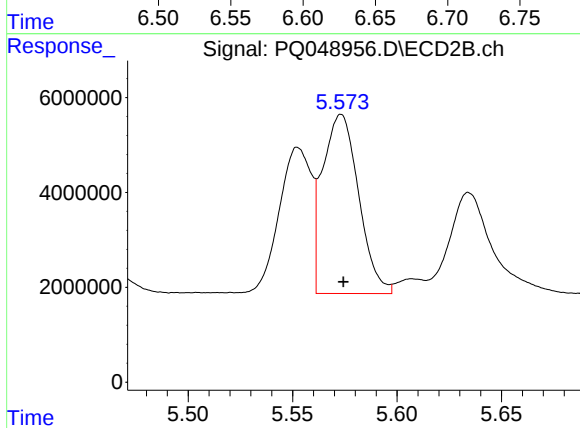
#3 AR-1016-1

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 33154424
Conc: 295.46 ng/ml



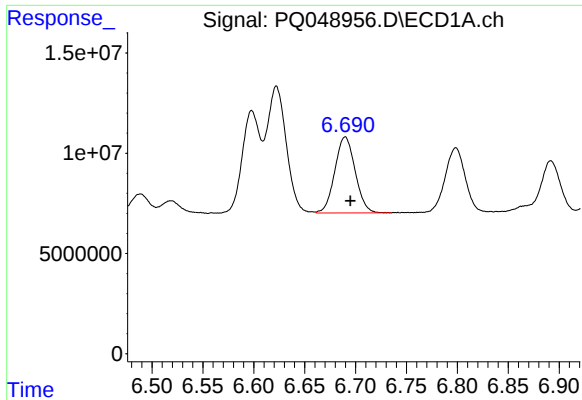
#4 AR-1016-2

R.T.: 6.622 min
Delta R.T.: -0.006 min
Response: 84276708
Conc: 288.32 ng/ml



#4 AR-1016-2

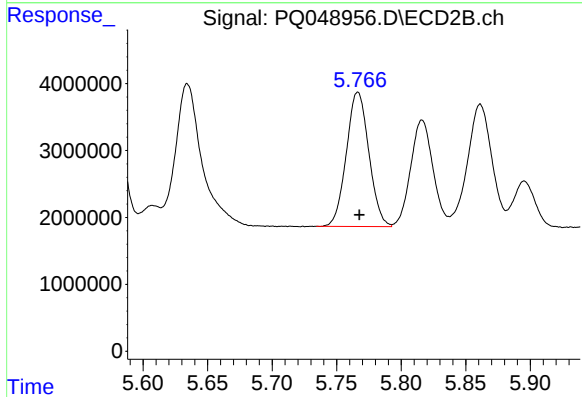
R.T.: 5.573 min
Delta R.T.: -0.001 min
Response: 45417647
Conc: 299.06 ng/ml



#5 AR-1016-3

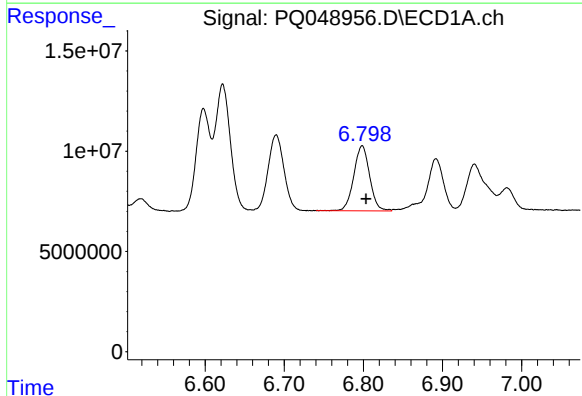
R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 52850193
Conc: 290.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



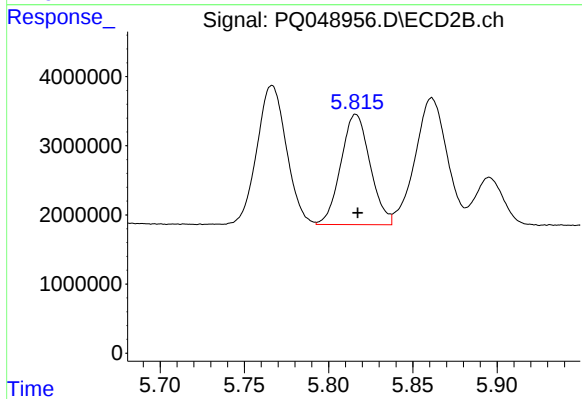
#5 AR-1016-3

R.T.: 5.766 min
Delta R.T.: -0.001 min
Response: 24415471
Conc: 295.22 ng/ml



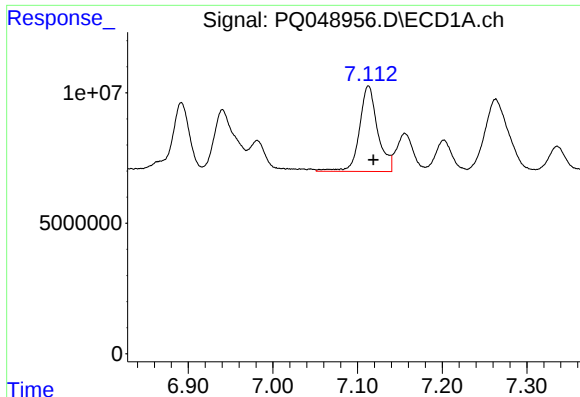
#6 AR-1016-4

R.T.: 6.798 min
Delta R.T.: -0.005 min
Response: 45098197
Conc: 287.75 ng/ml



#6 AR-1016-4

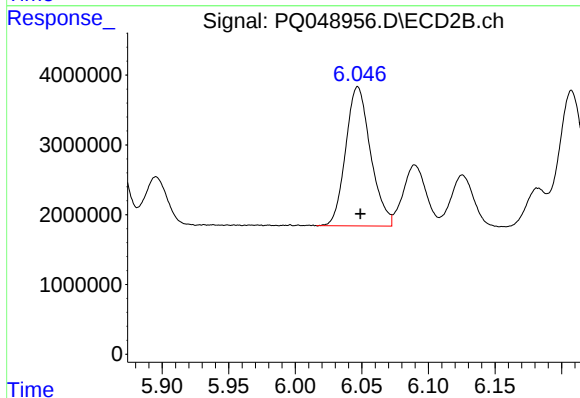
R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 19321020
Conc: 277.74 ng/ml



#7 AR-1016-5

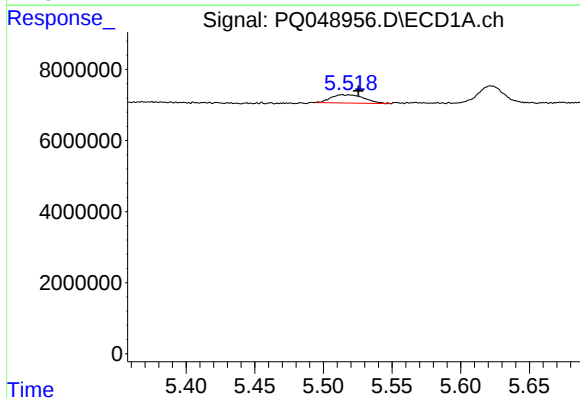
R.T.: 7.113 min
Delta R.T.: -0.006 min
Response: 49121975
Conc: 312.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



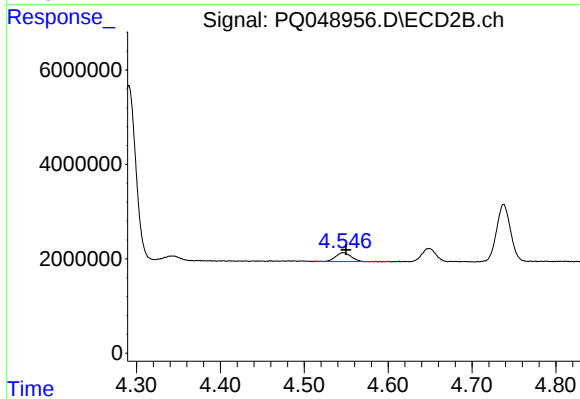
#7 AR-1016-5

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 25961944
Conc: 298.93 ng/ml



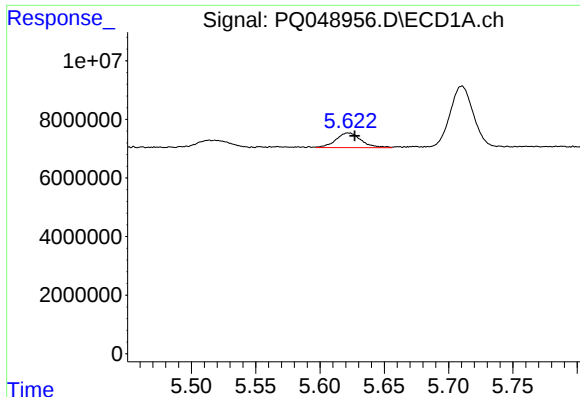
#8 AR-1221-1

R.T.: 5.514 min
Delta R.T.: -0.012 min
Response: 3883351
Conc: 82.34 ng/ml



#8 AR-1221-1

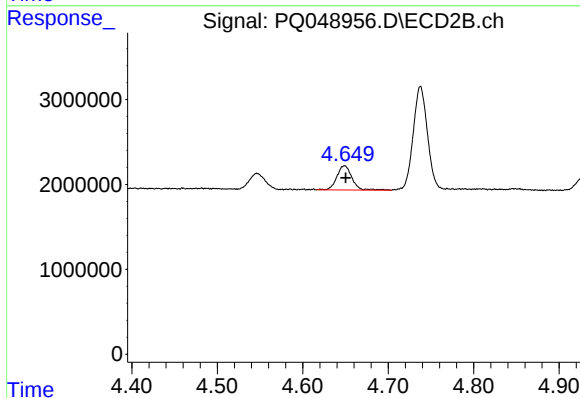
R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 2471924
Conc: 93.42 ng/ml



#9 AR-1221-2

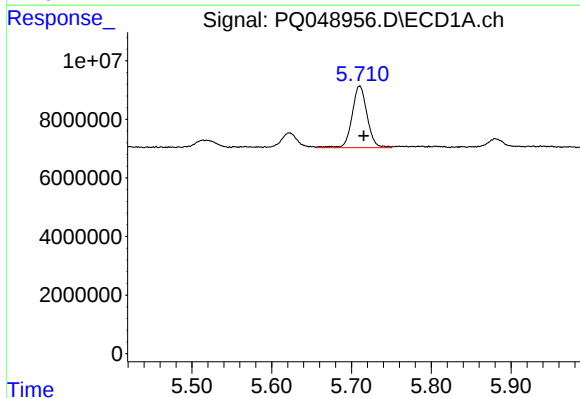
R.T.: 5.622 min
Delta R.T.: -0.005 min
Response: 6882095
Conc: 145.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



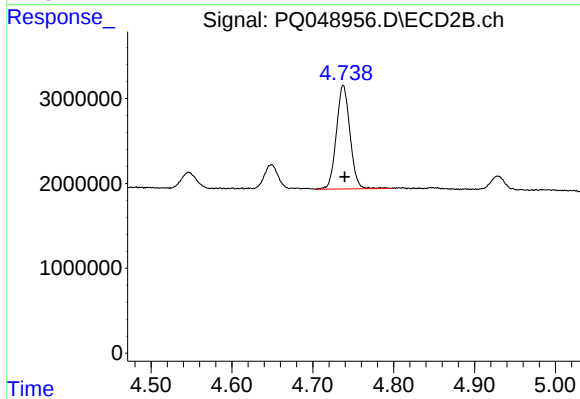
#9 AR-1221-2

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 3524604
Conc: 178.19 ng/ml



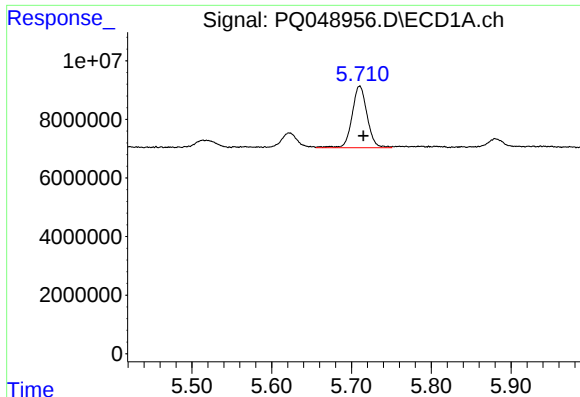
#10 AR-1221-3

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 27606640
Conc: 194.79 ng/ml



#10 AR-1221-3

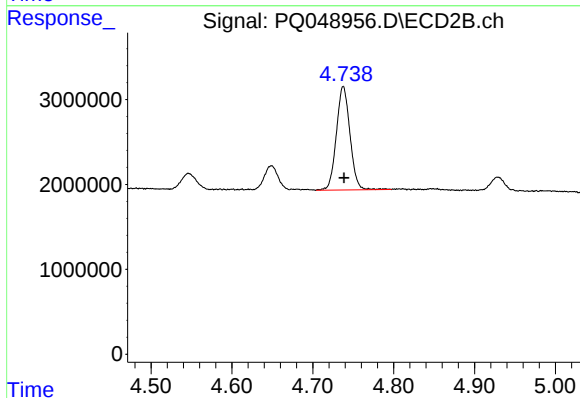
R.T.: 4.738 min
Delta R.T.: -0.002 min
Response: 14259099
Conc: 214.40 ng/ml



#11 AR-1232-1

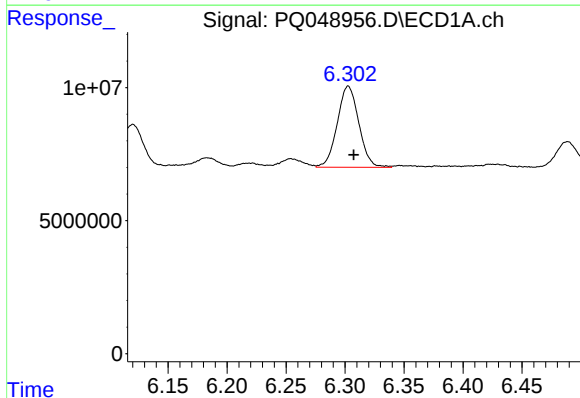
R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 27606640
Conc: 266.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



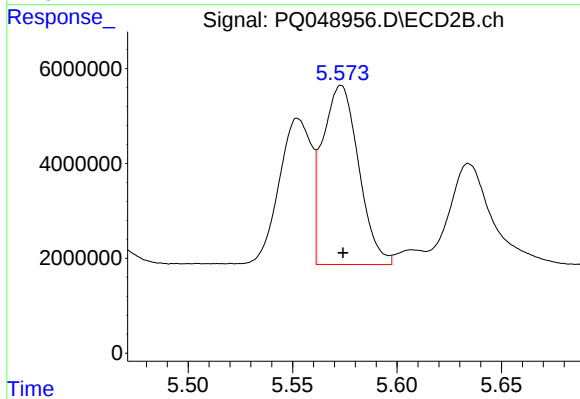
#11 AR-1232-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 14259099
Conc: 250.46 ng/ml



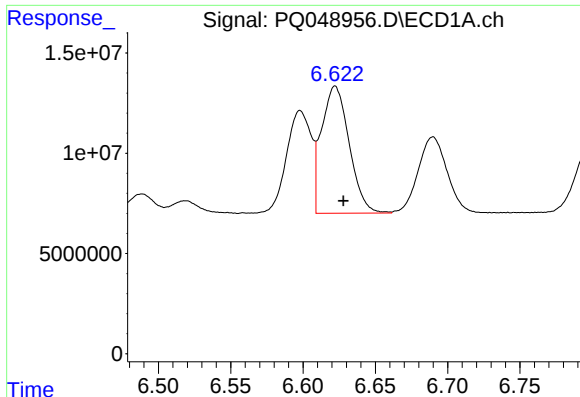
#12 AR-1232-2

R.T.: 6.303 min
Delta R.T.: -0.005 min
Response: 38784426
Conc: 705.39 ng/ml



#12 AR-1232-2

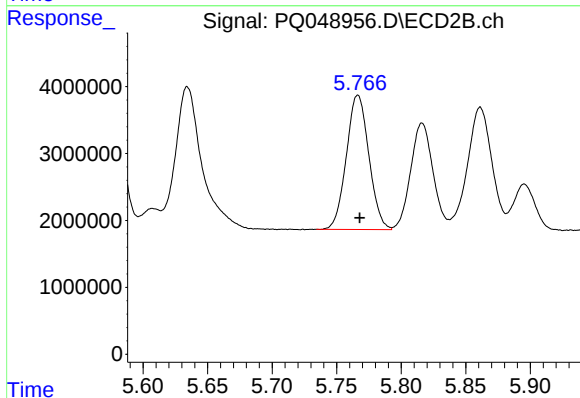
R.T.: 5.573 min
Delta R.T.: -0.001 min
Response: 45417647
Conc: 688.48 ng/ml



#13 AR-1232-3

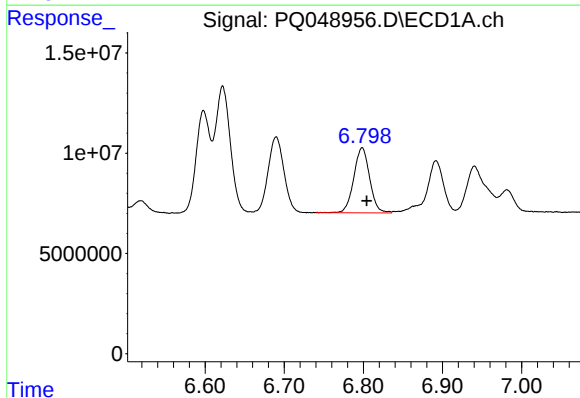
R.T.: 6.622 min
Delta R.T.: -0.006 min
Response: 84276708
Conc: 626.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



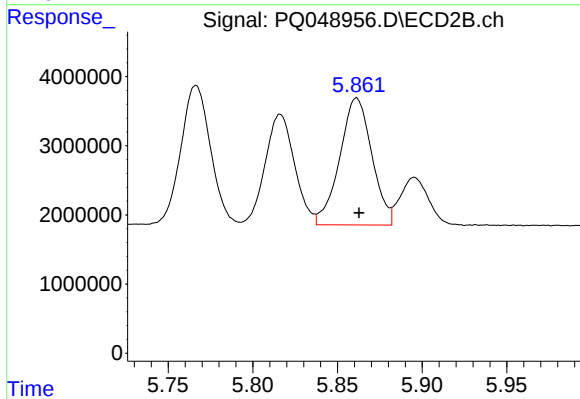
#13 AR-1232-3

R.T.: 5.766 min
Delta R.T.: -0.001 min
Response: 24415471
Conc: 692.84 ng/ml



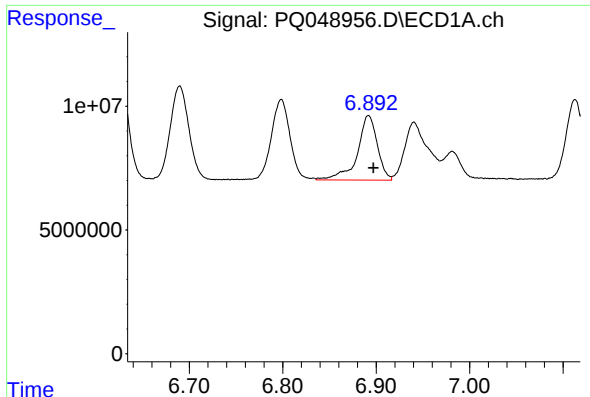
#14 AR-1232-4

R.T.: 6.798 min
Delta R.T.: -0.006 min
Response: 45098197
Conc: 680.77 ng/ml



#14 AR-1232-4

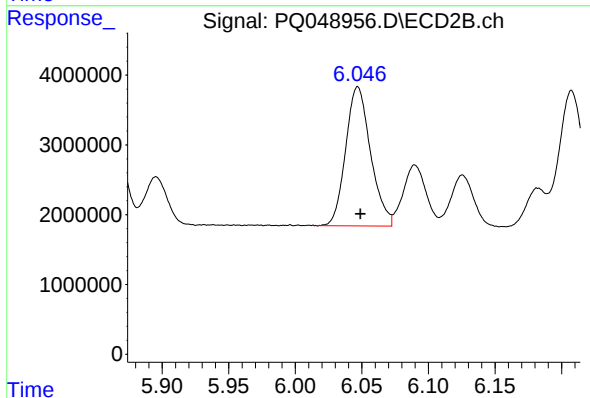
R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 24323932
Conc: 727.37 ng/ml



#15 AR-1232-5

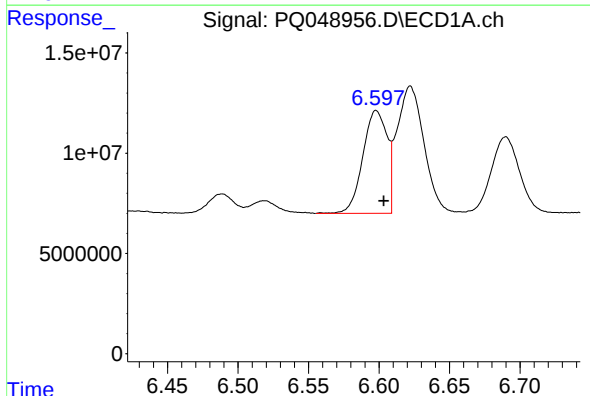
R.T.: 6.892 min
Delta R.T.: -0.005 min
Response: 38820644
Conc: 658.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



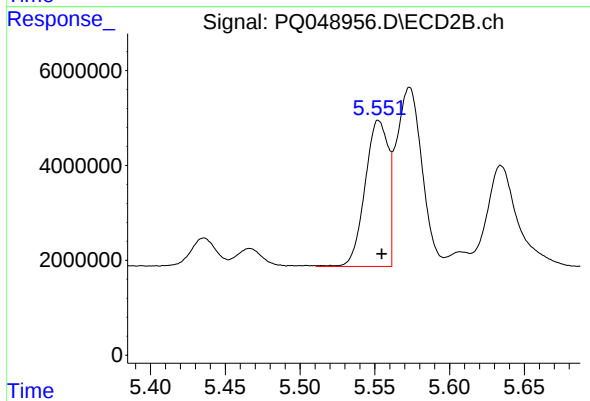
#15 AR-1232-5

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 25961944
Conc: 742.44 ng/ml



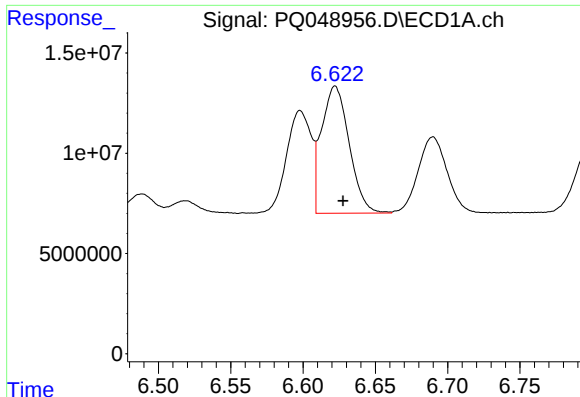
#16 AR-1242-1

R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 61255747
Conc: 386.54 ng/ml



#16 AR-1242-1

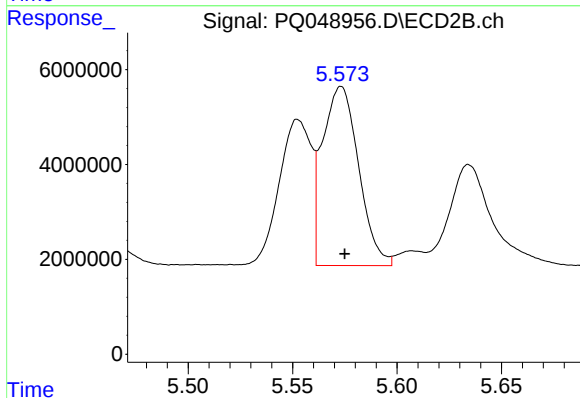
R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 33154424
Conc: 398.60 ng/ml



#17 AR-1242-2

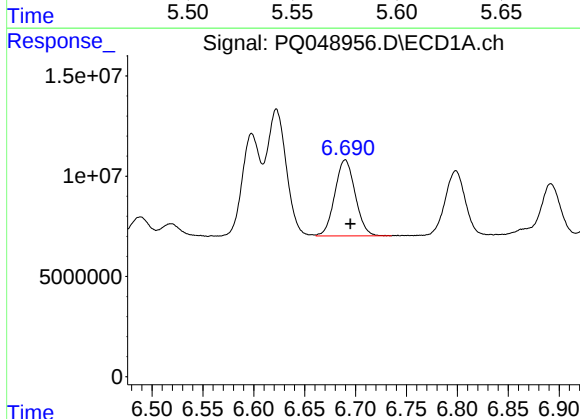
R.T.: 6.622 min
Delta R.T.: -0.006 min
Response: 84276708
Conc: 391.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



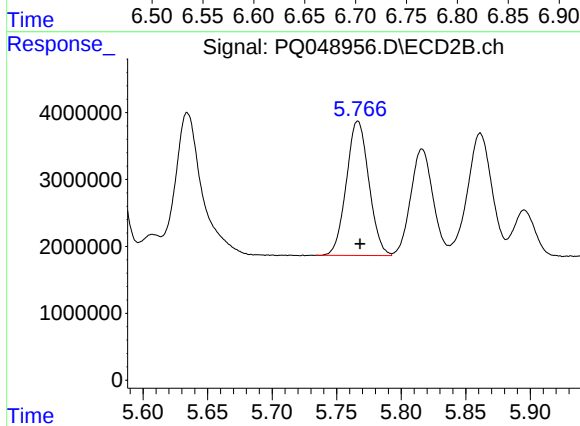
#17 AR-1242-2

R.T.: 5.573 min
Delta R.T.: -0.002 min
Response: 45417647
Conc: 404.70 ng/ml



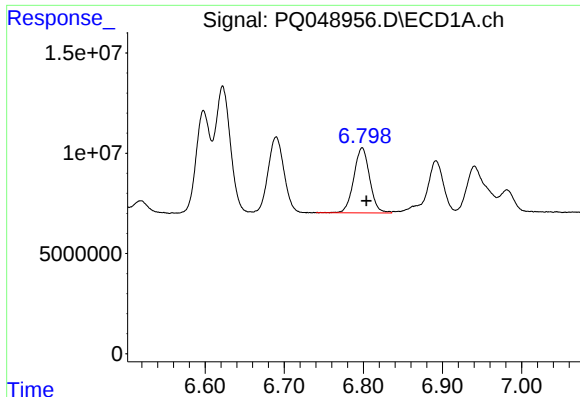
#18 AR-1242-3

R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 52850193
Conc: 389.76 ng/ml



#18 AR-1242-3

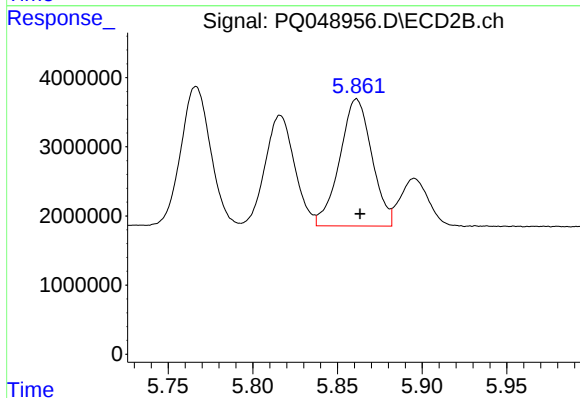
R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 24415471
Conc: 396.31 ng/ml



#19 AR-1242-4

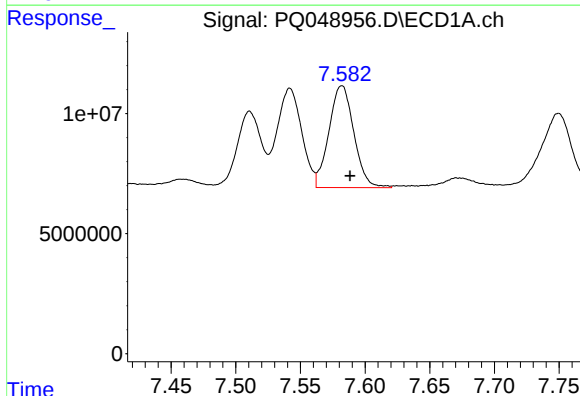
R.T.: 6.798 min
Delta R.T.: -0.005 min
Response: 45098197
Conc: 388.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



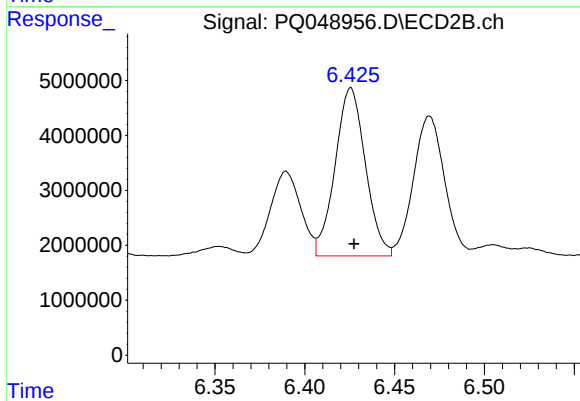
#19 AR-1242-4

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 24323932
Conc: 385.93 ng/ml



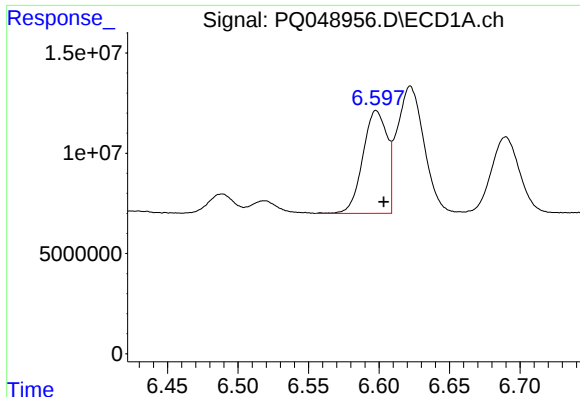
#20 AR-1242-5

R.T.: 7.582 min
Delta R.T.: -0.006 min
Response: 57013937
Conc: 369.86 ng/ml



#20 AR-1242-5

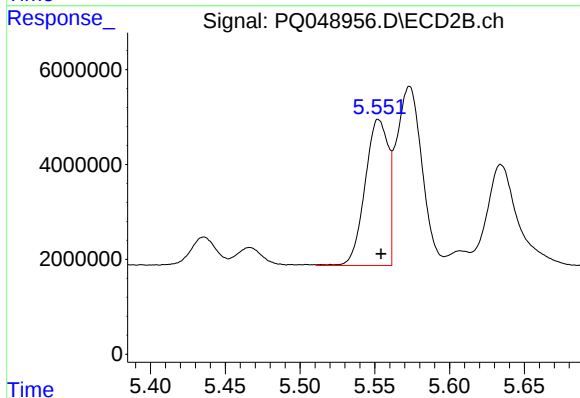
R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 35959461
Conc: 375.76 ng/ml



#21 AR-1248-1

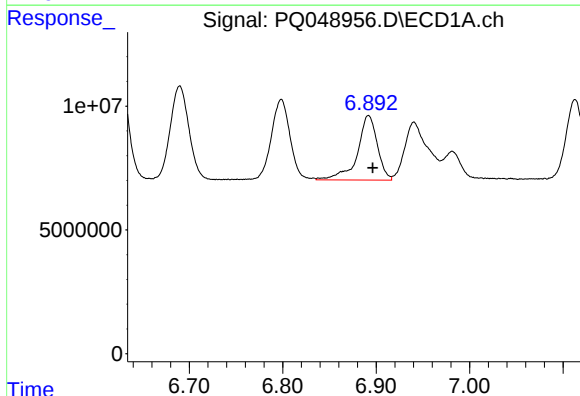
R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 61255747
Conc: 483.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



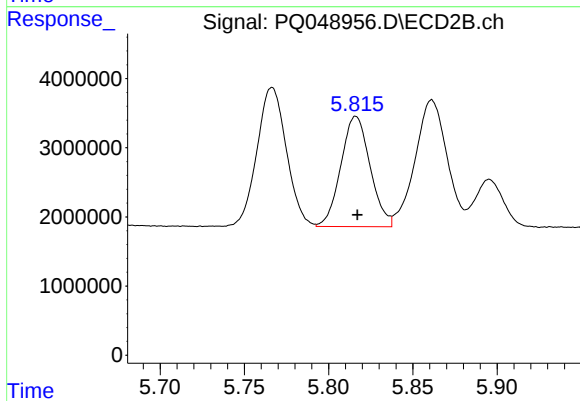
#21 AR-1248-1

R.T.: 5.553 min
Delta R.T.: -0.001 min
Response: 33154424
Conc: 489.58 ng/ml



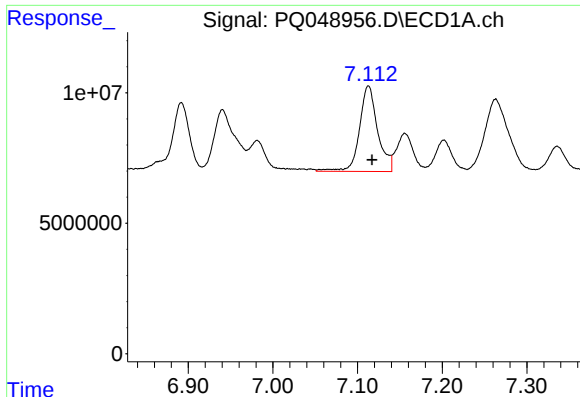
#22 AR-1248-2

R.T.: 6.892 min
Delta R.T.: -0.005 min
Response: 38820644
Conc: 222.24 ng/ml



#22 AR-1248-2

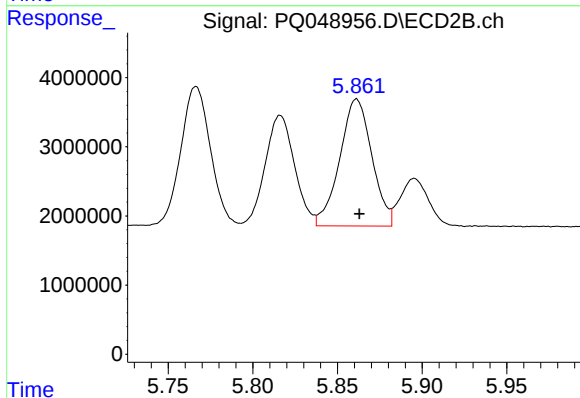
R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 19321020
Conc: 208.25 ng/ml



#23 AR-1248-3

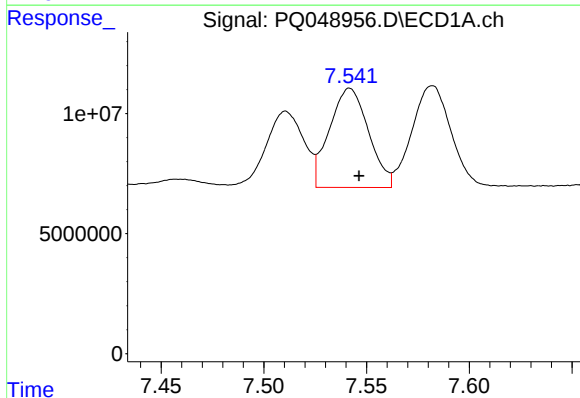
R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 49121975
Conc: 239.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



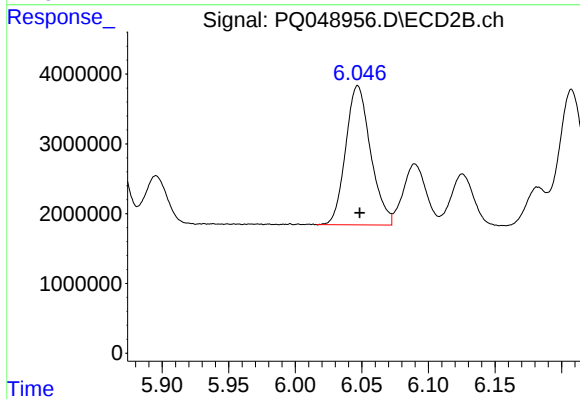
#23 AR-1248-3

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 24323932
Conc: 257.61 ng/ml



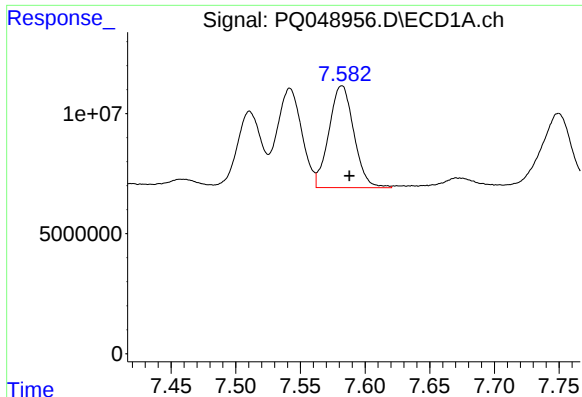
#24 AR-1248-4

R.T.: 7.542 min
Delta R.T.: -0.005 min
Response: 54794879
Conc: 211.56 ng/ml



#24 AR-1248-4

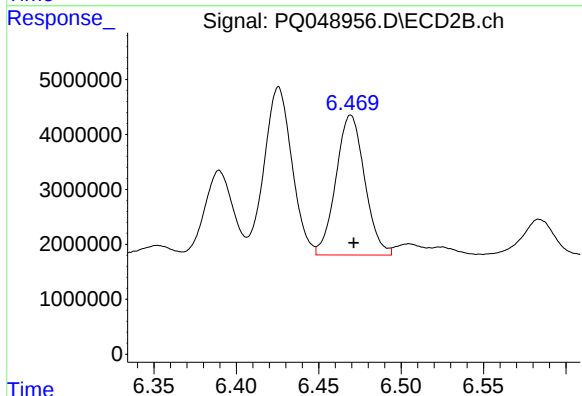
R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 25961944
Conc: 226.81 ng/ml



#25 AR-1248-5

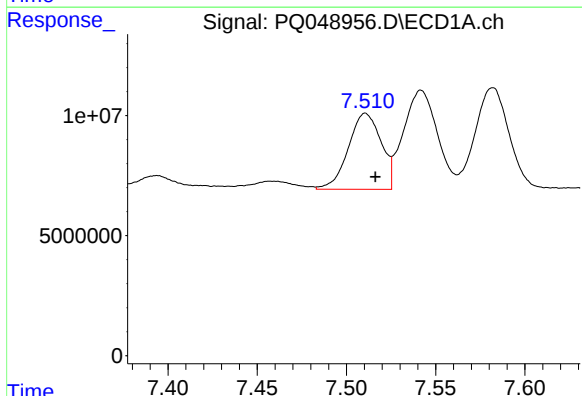
R.T.: 7.582 min
Delta R.T.: -0.006 min
Response: 57013937
Conc: 231.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



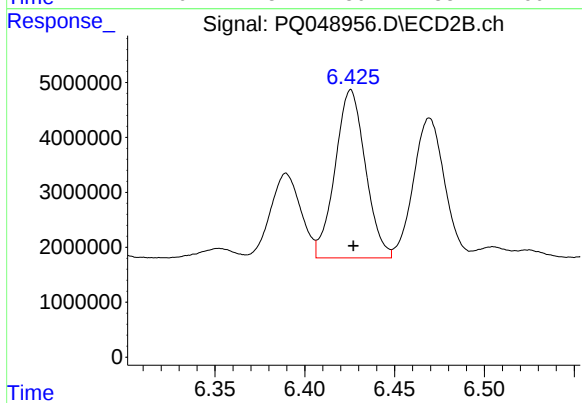
#25 AR-1248-5

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 30894564
Conc: 236.24 ng/ml



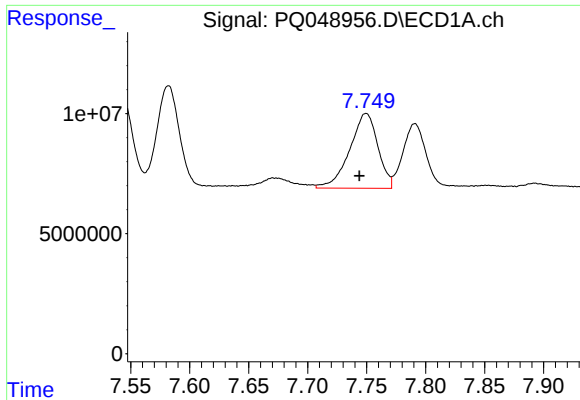
#26 AR-1254-1

R.T.: 7.511 min
Delta R.T.: -0.005 min
Response: 40603577
Conc: 162.07 ng/ml



#26 AR-1254-1

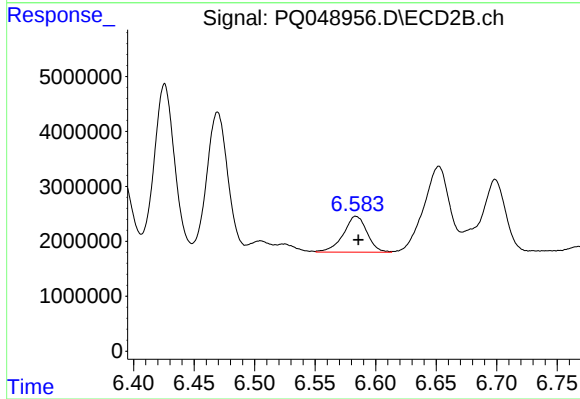
R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 35959461
Conc: 184.94 ng/ml



#27 AR-1254-2

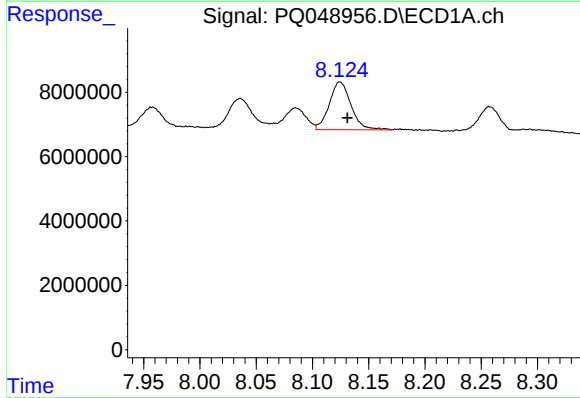
R.T.: 7.749 min
Delta R.T.: 0.005 min
Response: 51866908
Conc: 129.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



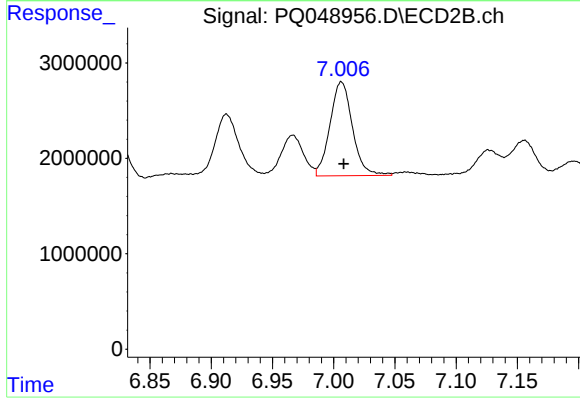
#27 AR-1254-2

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 8928333
Conc: 50.44 ng/ml



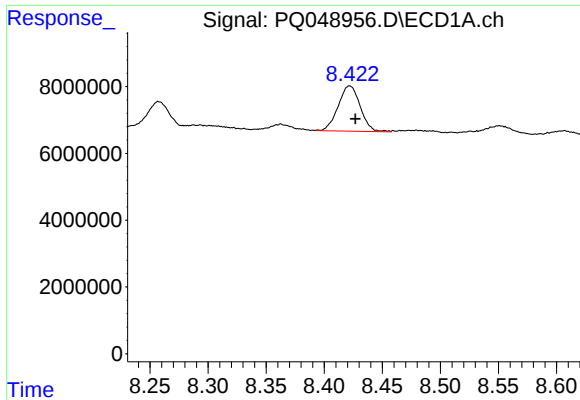
#28 AR-1254-3

R.T.: 8.124 min
Delta R.T.: -0.007 min
Response: 19923544
Conc: 45.98 ng/ml



#28 AR-1254-3

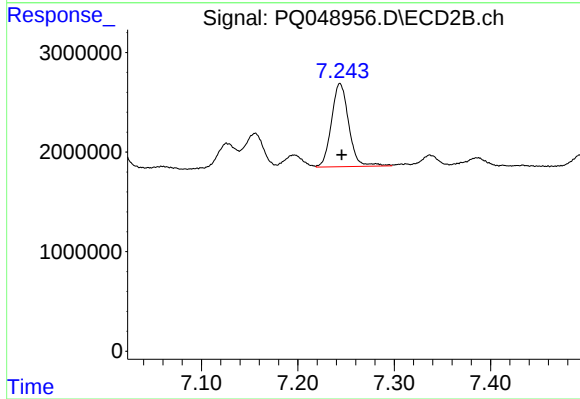
R.T.: 7.006 min
Delta R.T.: -0.002 min
Response: 12564582
Conc: 41.04 ng/ml



#29 AR-1254-4

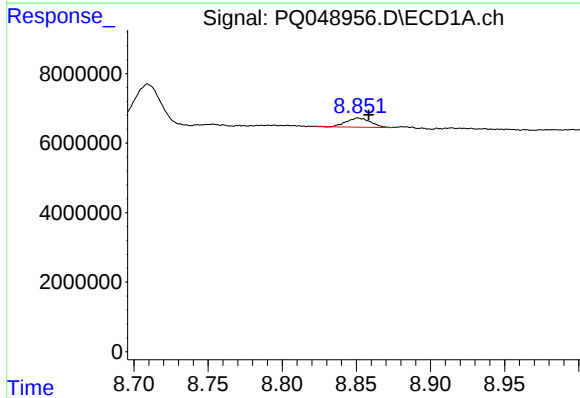
R.T.: 8.422 min
Delta R.T.: -0.005 min
Response: 17986056
Conc: 49.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



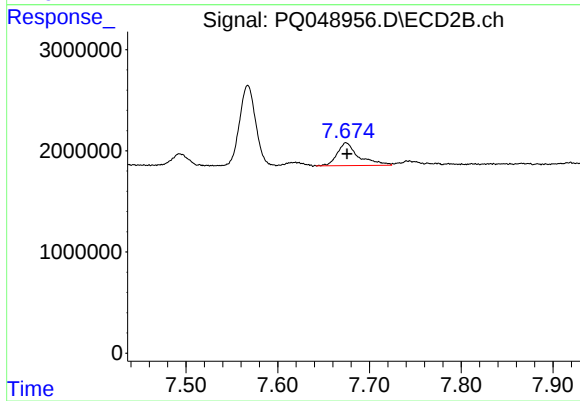
#29 AR-1254-4

R.T.: 7.244 min
Delta R.T.: -0.002 min
Response: 10438437
Conc: 50.06 ng/ml



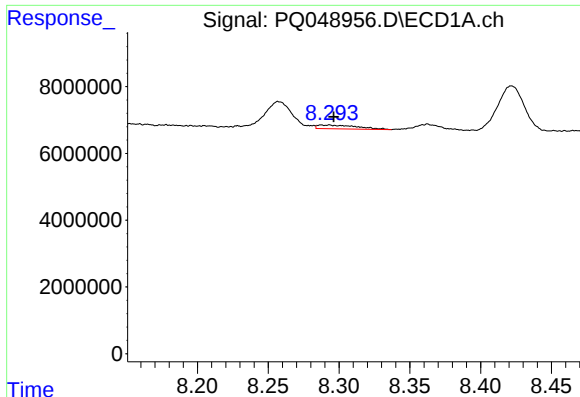
#30 AR-1254-5

R.T.: 8.851 min
Delta R.T.: -0.007 min
Response: 3005161
Conc: 7.70 ng/ml



#30 AR-1254-5

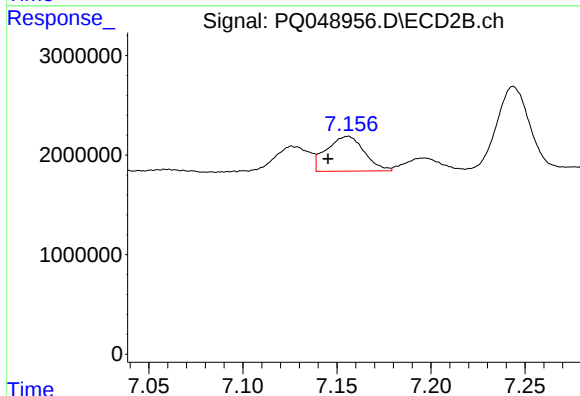
R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 3661226
Conc: 12.27 ng/ml



#31 AR-1260-1

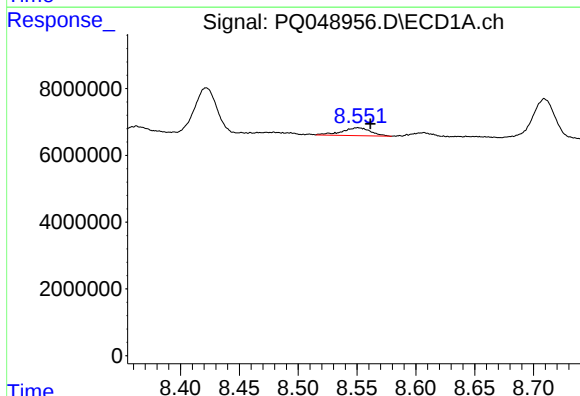
R.T.: 8.293 min
Delta R.T.: -0.003 min
Response: 2148279
Conc: 6.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



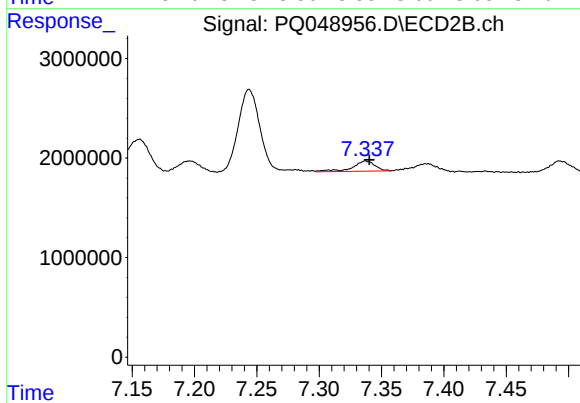
#31 AR-1260-1

R.T.: 7.155 min
Delta R.T.: 0.010 min
Response: 4884928
Conc: 22.83 ng/ml



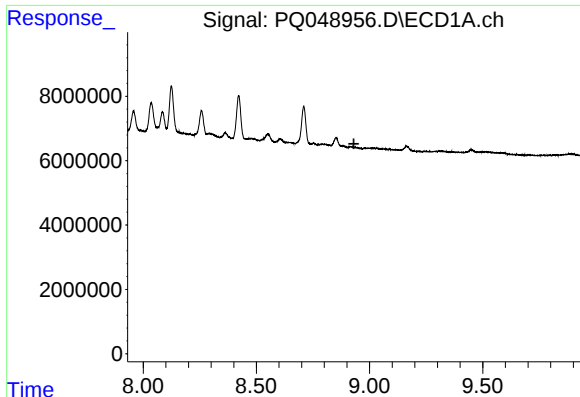
#32 AR-1260-2

R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 4020658
Conc: 9.33 ng/ml



#32 AR-1260-2

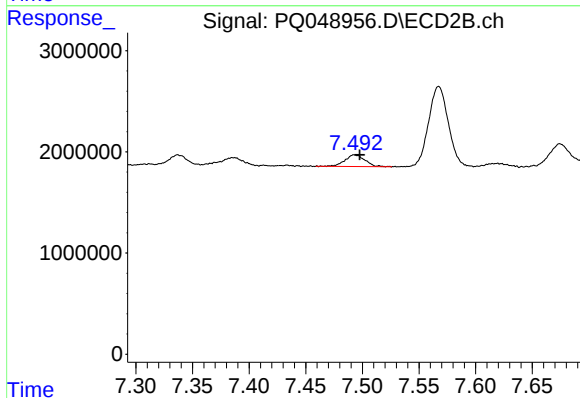
R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 1292187
Conc: 4.72 ng/ml



#33 AR-1260-3

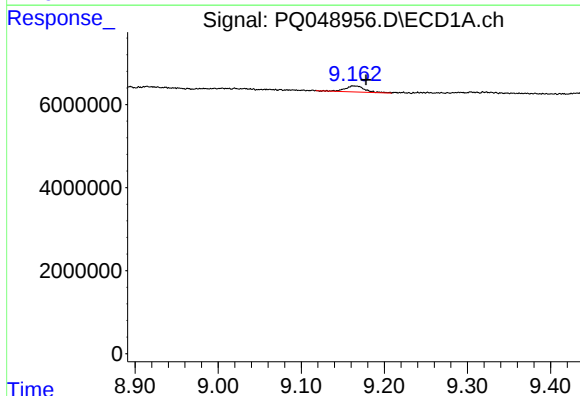
R.T.: 0.000 min
Exp R.T.: 8.931 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



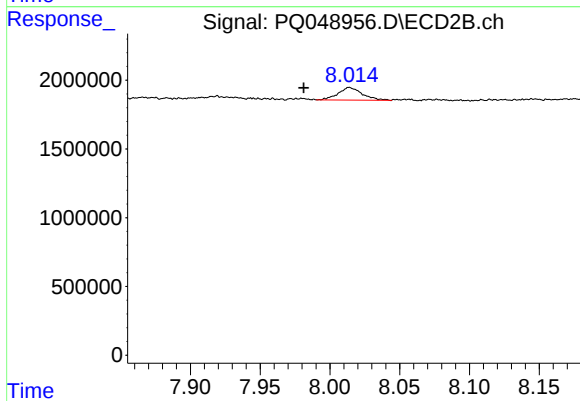
#33 AR-1260-3

R.T.: 7.494 min
Delta R.T.: -0.004 min
Response: 1445566
Conc: 5.75 ng/ml



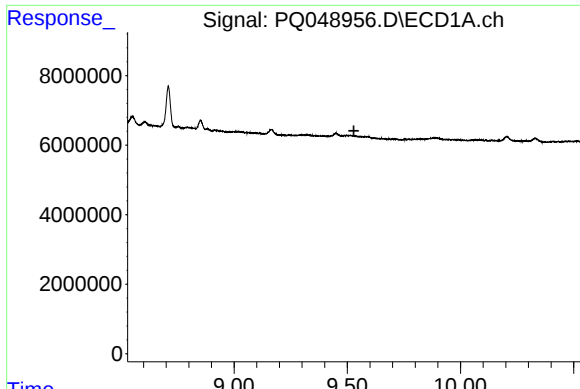
#34 AR-1260-4

R.T.: 9.163 min
Delta R.T.: -0.015 min
Response: 2435461
Conc: 6.11 ng/ml



#34 AR-1260-4

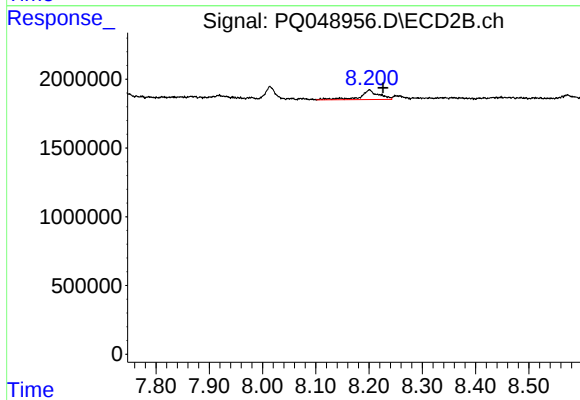
R.T.: 8.014 min
Delta R.T.: 0.033 min
Response: 1100481
Conc: 4.77 ng/ml



#35 AR-1260-5

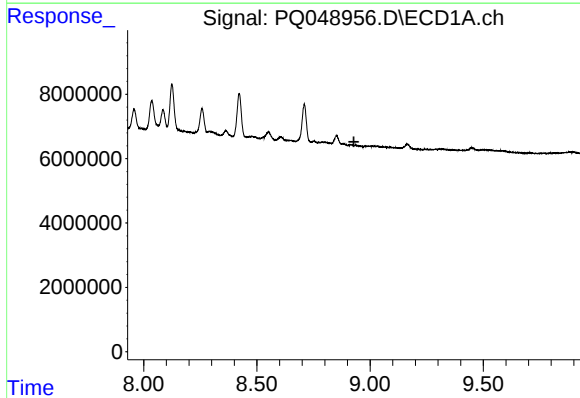
R.T.: 0.000 min
Exp R.T. : 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



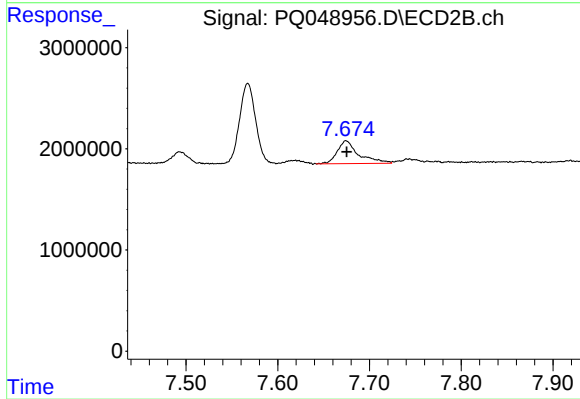
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.026 min
Response: 1687071
Conc: 2.82 ng/ml



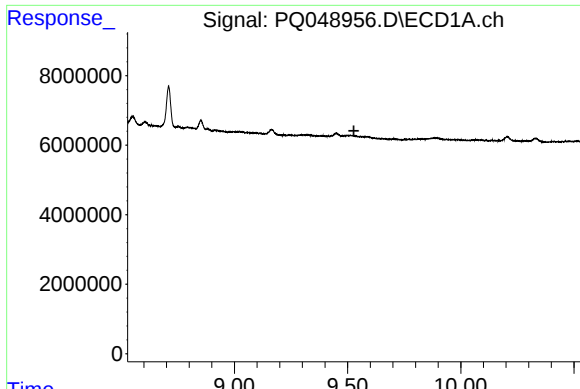
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.929 min
Response: 0
Conc: N.D.



#36 AR-1262-1

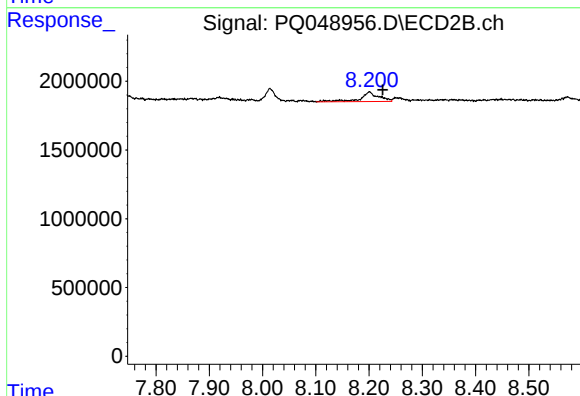
R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 3661226
Conc: 20.41 ng/ml



#37 AR-1262-2

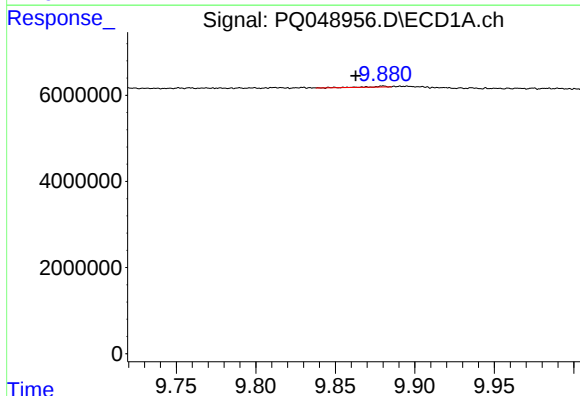
R.T.: 0.000 min
Exp R.T.: 9.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



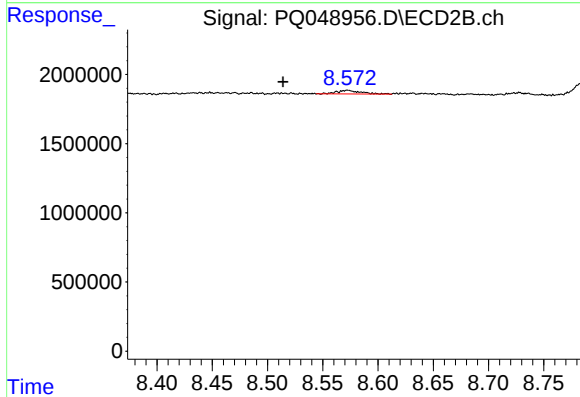
#37 AR-1262-2

R.T.: 8.201 min
Delta R.T.: -0.025 min
Response: 1687071
Conc: 2.46 ng/ml



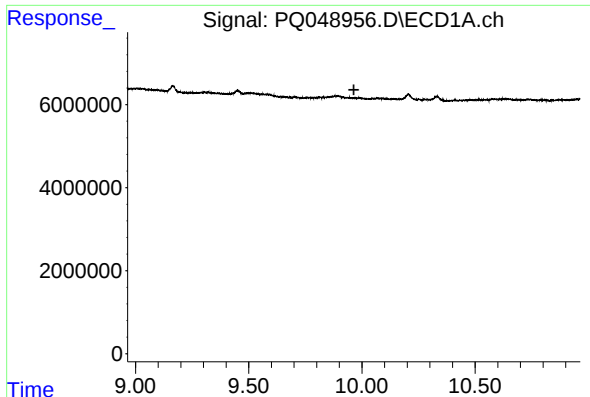
#38 AR-1262-3

R.T.: 9.880 min
Delta R.T.: 0.017 min
Response: 156552
Conc: 0.28 ng/ml



#38 AR-1262-3

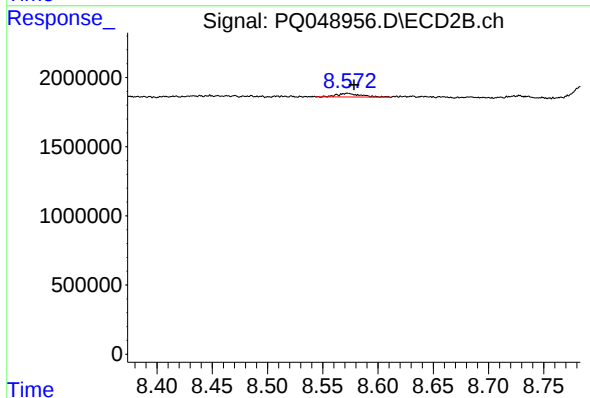
R.T.: 8.572 min
Delta R.T.: 0.058 min
Response: 405479
Conc: 1.42 ng/ml



#39 AR-1262-4

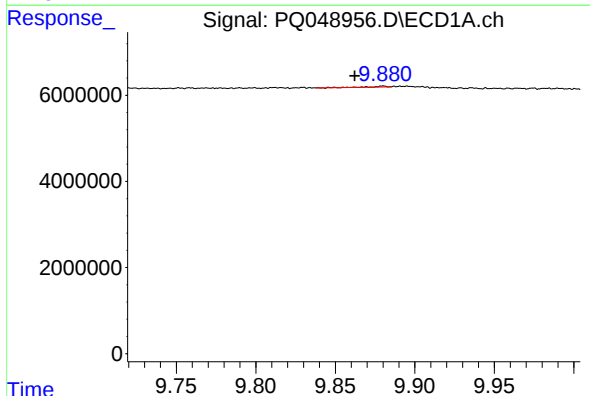
R.T.: 0.000 min
Exp R.T.: 9.964 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



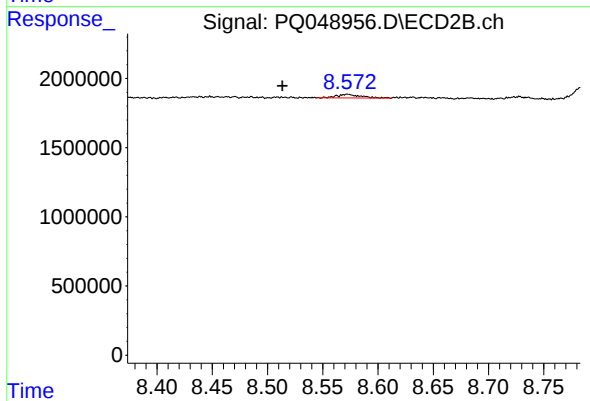
#39 AR-1262-4

R.T.: 8.572 min
Delta R.T.: -0.006 min
Response: 405479
Conc: 0.78 ng/ml



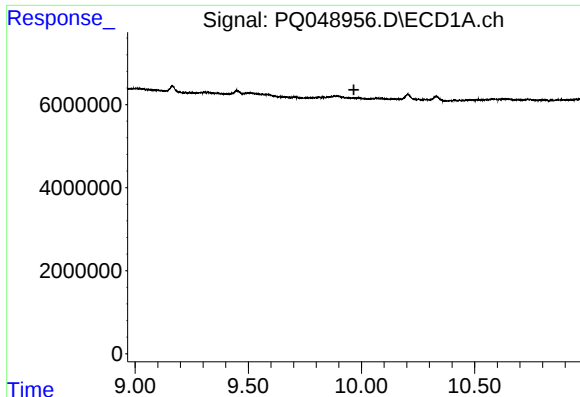
#41 AR-1268-1

R.T.: 9.880 min
Delta R.T.: 0.018 min
Response: 156552
Conc: 0.12 ng/ml



#41 AR-1268-1

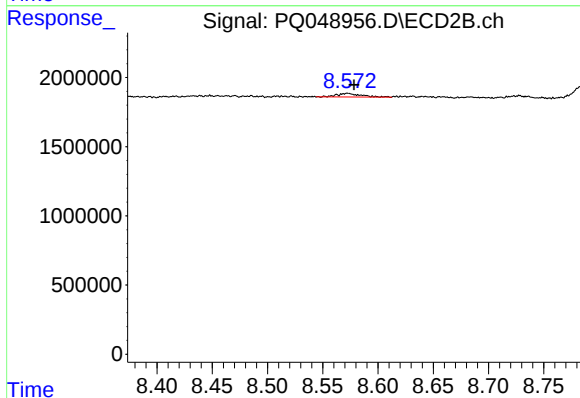
R.T.: 8.572 min
Delta R.T.: 0.059 min
Response: 405479
Conc: 0.52 ng/ml



#42 AR-1268-2

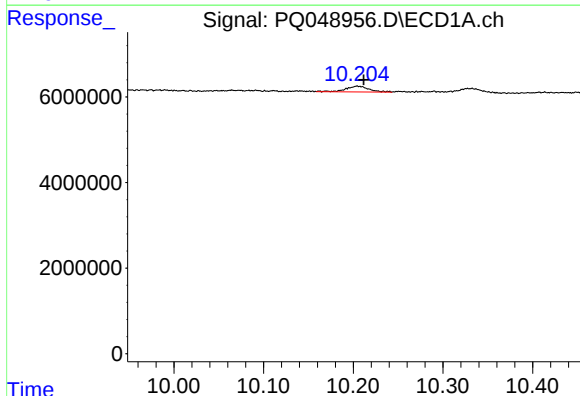
R.T.: 0.000 min
Exp R.T.: 9.967 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



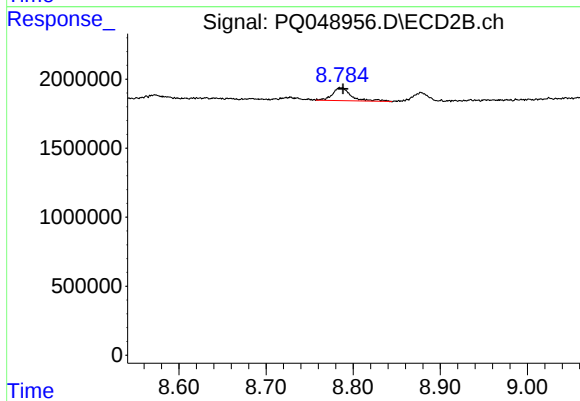
#42 AR-1268-2

R.T.: 8.572 min
Delta R.T.: -0.006 min
Response: 405479
Conc: 0.55 ng/ml



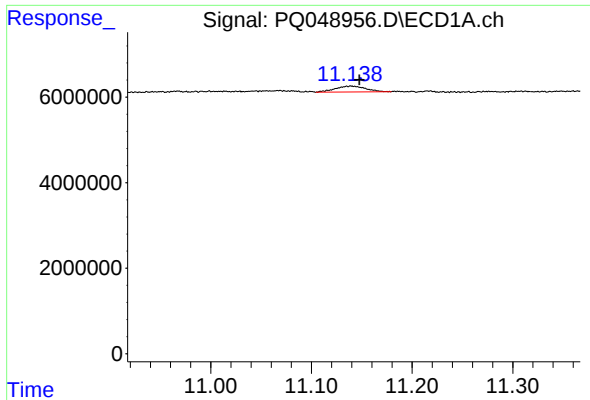
#43 AR-1268-3

R.T.: 10.205 min
Delta R.T.: -0.007 min
Response: 2410432
Conc: 2.12 ng/ml



#43 AR-1268-3

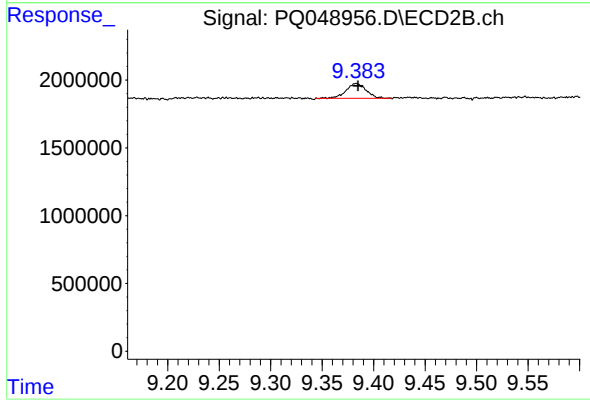
R.T.: 8.786 min
Delta R.T.: -0.003 min
Response: 1412264
Conc: 2.29 ng/ml



#45 AR-1268-5

R.T.: 11.140 min
Delta R.T.: -0.008 min
Response: 2939907
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.383 min
Delta R.T.: -0.002 min
Response: 1464330
Conc: 0.69 ng/ml