

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
 Data File : PQ042069.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2019 04:57
 Operator : SM\AJ
 Sample : K4041-03MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENW1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 06:43:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.680	4.741	28902666	25189107	12.603	13.070
2)	SA Decachlor...	12.068	10.490	144.0E6	109.8E6	17.077	22.704 #
Target Compounds							
3)	L1 AR-1016-1	7.127	6.193	23890255	23452169	221.034	226.003
4)	L1 AR-1016-2	7.152	6.216	35928376	32258720	229.534	225.161
5)	L1 AR-1016-3	7.222	6.429	22978873	17492375	237.562	234.570
6)	L1 AR-1016-4	7.336	6.484	22735460	14140542	291.427	228.035
7)	L1 AR-1016-5	7.668	6.735	19254893	17717938	244.941	217.656
9)	L2 AR-1221-2	0.000	5.164	0	1964962	N.D.	123.043 #
10)	L2 AR-1221-3	6.166	5.269	10314218	9991653	167.588	183.226
11)	L3 AR-1232-1	6.166	5.269	10314218	9991653	190.594	206.919
12)	L3 AR-1232-2	6.810	6.216	19899533	32258720	605.646	565.666
13)	L3 AR-1232-3	7.152	6.429	35928376	17492375	538.144	586.608
14)	L3 AR-1232-4	7.336	6.568	22735460	4047766	708.786	151.621 #
15)	L3 AR-1232-5	7.442	6.735	13870421	17717938	645.428	604.169
16)	L4 AR-1242-1	7.127	6.193	23890255	23452169	267.082	286.562
17)	L4 AR-1242-2	7.152	6.216	35928376	32258720	279.400	285.633
18)	L4 AR-1242-3	7.222	6.429	22978873	17492375	283.388	296.116
19)	L4 AR-1242-4	7.336	6.533	22735460	16566638	353.652	279.383
20)	L4 AR-1242-5	8.157	7.144	3611940	16339977	40.709	184.021 #
21)	L5 AR-1248-1	7.127	6.193	23890255	23452169	322.249	353.707
22)	L5 AR-1248-2	7.442	6.484	13870421	14140542	150.335	162.185
23)	L5 AR-1248-3	7.668	6.533	19254893	16566638	171.855	185.609
24)	L5 AR-1248-4	8.118	6.735	3967080	17717938	25.372	160.865 #
25)	L5 AR-1248-5	8.157	7.193	3611940	2407391	23.869	18.782
26)	L6 AR-1254-1	8.085	7.144	13186271	16339977	94.787	89.346
27)	L6 AR-1254-2	8.323	7.313	23943509	17565270	104.610	108.514
28)	L6 AR-1254-3	8.719	7.776	18181931	38832473	66.497	134.645 #
29)	L6 AR-1254-4	9.019	8.007	7844006	9019990	31.864	41.553 #
30)	L6 AR-1254-5	9.458	8.453	79746514	71728315	294.436	238.484
31)	L7 AR-1260-1	8.890	7.901	42067360	52408431	236.486	288.864
32)	L7 AR-1260-2	9.160	8.104	61104910	59556613	242.215	242.756
33)	L7 AR-1260-3	9.534	8.268	36656649	50570494	159.979	237.668 #
34)	L7 AR-1260-4	9.776	8.807	48063485	6045043	188.232	29.883 #
35)	L7 AR-1260-5	10.123	9.017	110.3E6	110.4E6	163.785	187.013
36)	L8 AR-1262-1	9.595	8.549	20462133	21464790	133.135	149.617
37)	L8 AR-1262-2	10.123	9.017	110.3E6	110.4E6	126.025	148.944
38)	L8 AR-1262-3	10.476	9.310	131.6E6	22019522	207.308	69.600 #
39)	L8 AR-1262-4	10.534	9.377	52940979	72428575	105.732	128.792
40)	L8 AR-1262-5	11.262	9.899	35509513	28649945	87.223	100.313
41)	L9 AR-1268-1	10.476	9.310	131.6E6	22019522	92.409	19.262 #
42)	L9 AR-1268-2	10.534	9.377	52940979	72428575	40.139	70.555 #
43)	L9 AR-1268-3	10.801	9.590	2345525	3466378	2.005	3.989 #

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 Acq On : 07 Aug 2019 04:57
 Operator : SM\AJ
 Sample : K4041-03MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

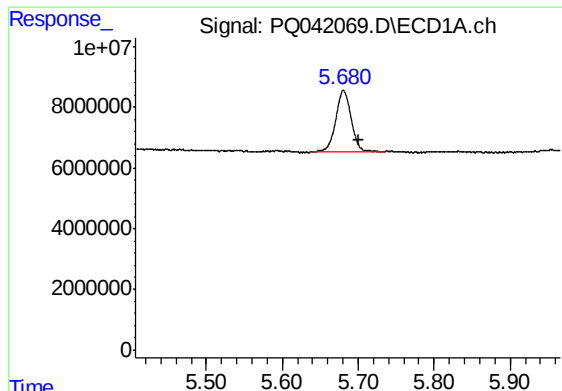
Instrument :
 ECD_Q
 ClientSampleId :
 BENW1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 06:43:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
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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	11.262	9.899	35509513	28649945	65.225	74.479
45) L9	AR-1268-5	11.706	10.217	12364581	32056834	3.051	12.342 #

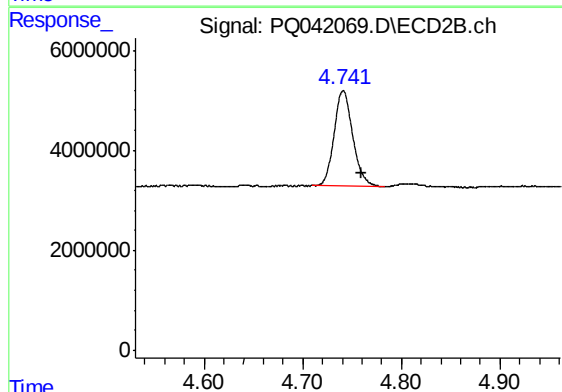
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

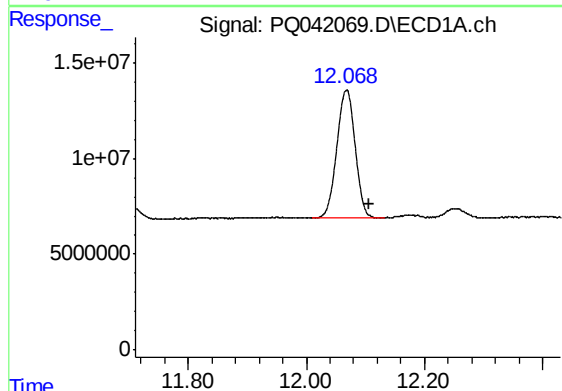
R.T.: 5.680 min
Delta R.T.: -0.021 min
Response: 28902666
Conc: 12.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



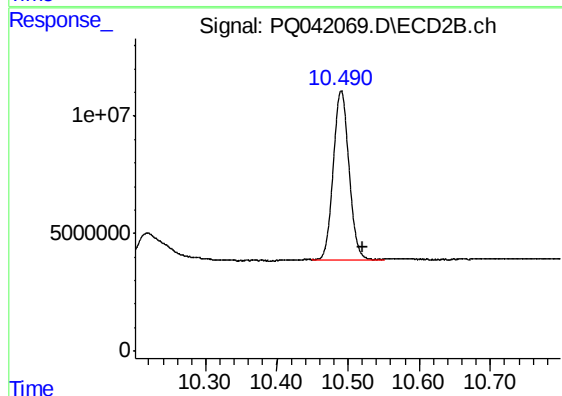
#1 Tetrachloro-m-xylene

R.T.: 4.741 min
Delta R.T.: -0.019 min
Response: 25189107
Conc: 13.07 ng/ml



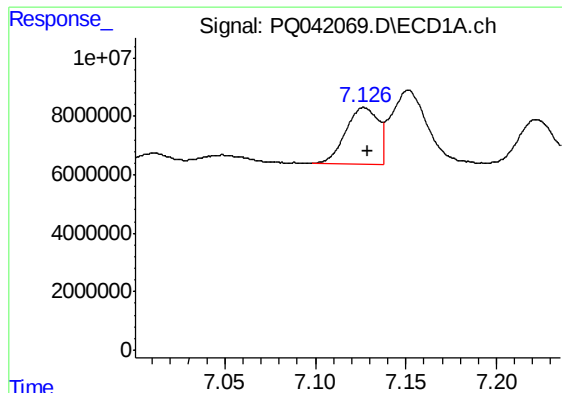
#2 Decachlorobiphenyl

R.T.: 12.068 min
Delta R.T.: -0.037 min
Response: 143977887
Conc: 17.08 ng/ml



#2 Decachlorobiphenyl

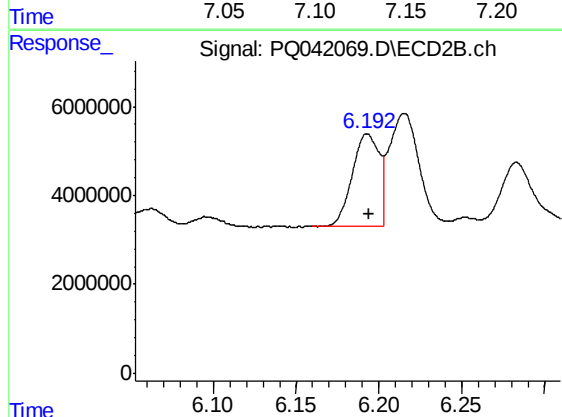
R.T.: 10.490 min
Delta R.T.: -0.029 min
Response: 109826151
Conc: 22.70 ng/ml



#3 AR-1016-1

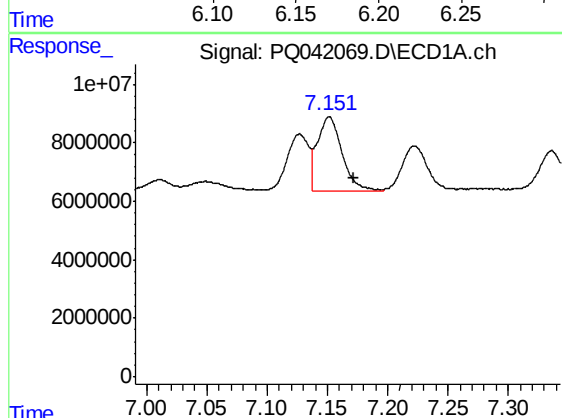
R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 23890255
Conc: 221.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



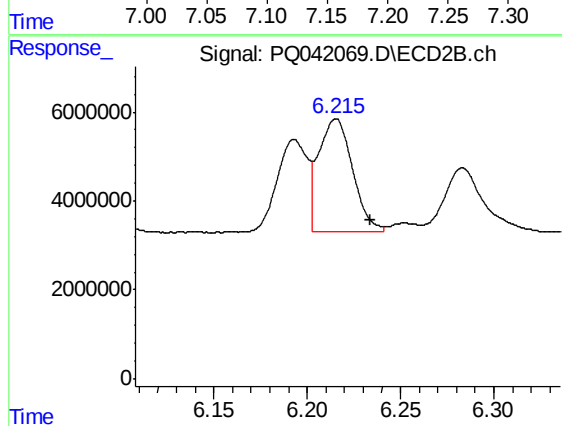
#3 AR-1016-1

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 23452169
Conc: 226.00 ng/ml



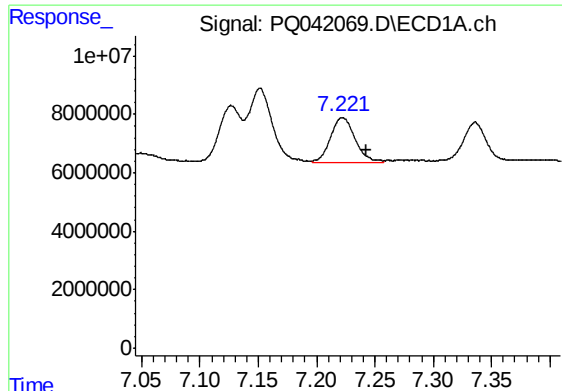
#4 AR-1016-2

R.T.: 7.152 min
Delta R.T.: -0.021 min
Response: 35928376
Conc: 229.53 ng/ml



#4 AR-1016-2

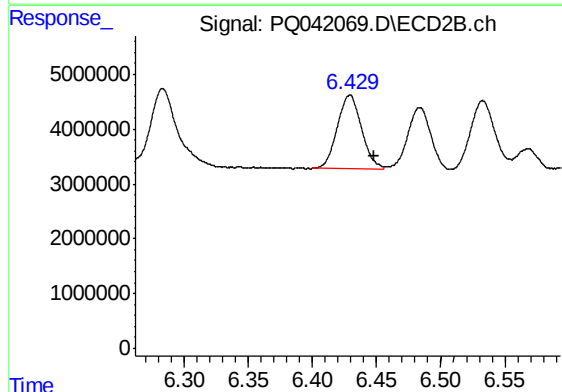
R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 32258720
Conc: 225.16 ng/ml



#5 AR-1016-3

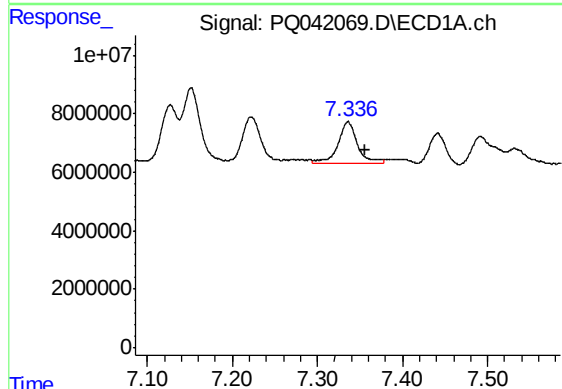
R.T.: 7.222 min
Delta R.T.: -0.021 min
Response: 22978873
Conc: 237.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



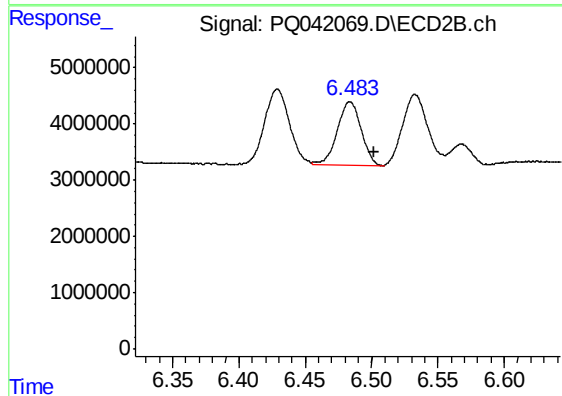
#5 AR-1016-3

R.T.: 6.429 min
Delta R.T.: -0.019 min
Response: 17492375
Conc: 234.57 ng/ml



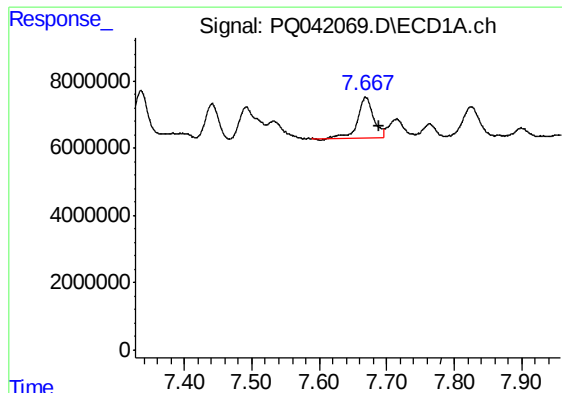
#6 AR-1016-4

R.T.: 7.336 min
Delta R.T.: -0.020 min
Response: 22735460
Conc: 291.43 ng/ml



#6 AR-1016-4

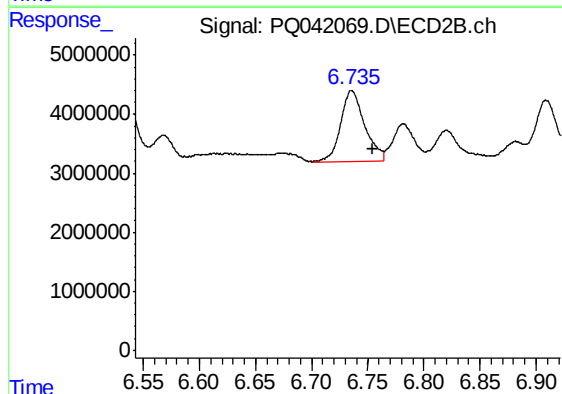
R.T.: 6.484 min
Delta R.T.: -0.018 min
Response: 14140542
Conc: 228.04 ng/ml



#7 AR-1016-5

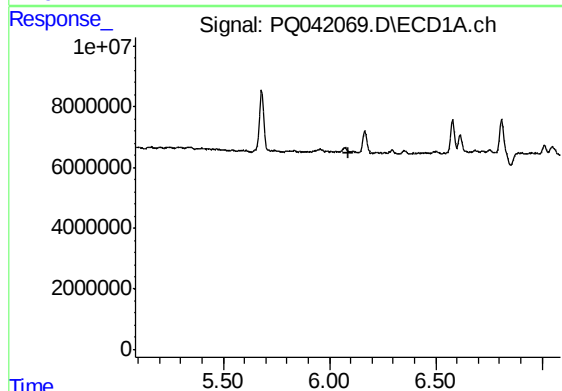
R.T.: 7.668 min
Delta R.T.: -0.021 min
Response: 19254893
Conc: 244.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



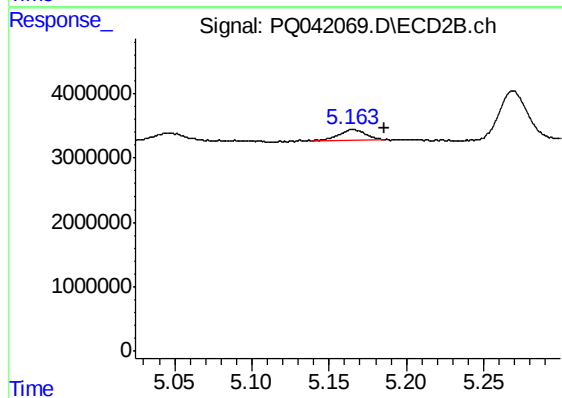
#7 AR-1016-5

R.T.: 6.735 min
Delta R.T.: -0.019 min
Response: 17717938
Conc: 217.66 ng/ml



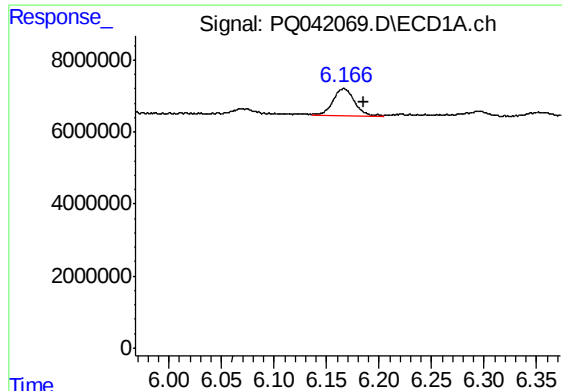
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.087 min
Response: 0
Conc: N.D.



#9 AR-1221-2

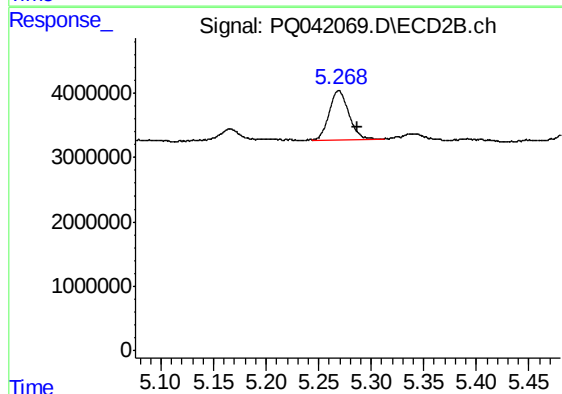
R.T.: 5.164 min
Delta R.T.: -0.022 min
Response: 1964962
Conc: 123.04 ng/ml



#10 AR-1221-3

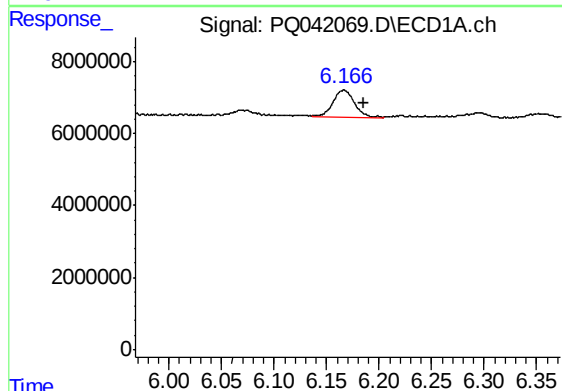
R.T.: 6.166 min
Delta R.T.: -0.019 min
Response: 10314218
Conc: 167.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



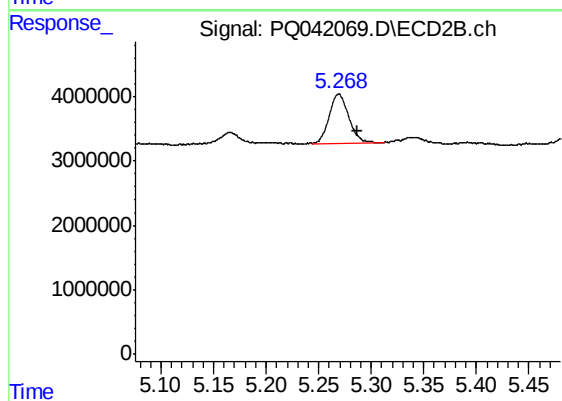
#10 AR-1221-3

R.T.: 5.269 min
Delta R.T.: -0.018 min
Response: 9991653
Conc: 183.23 ng/ml



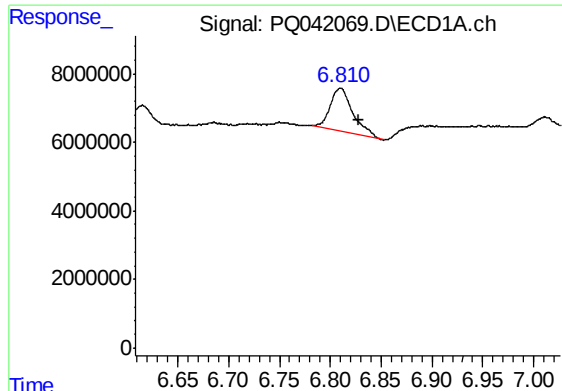
#11 AR-1232-1

R.T.: 6.166 min
Delta R.T.: -0.019 min
Response: 10314218
Conc: 190.59 ng/ml



#11 AR-1232-1

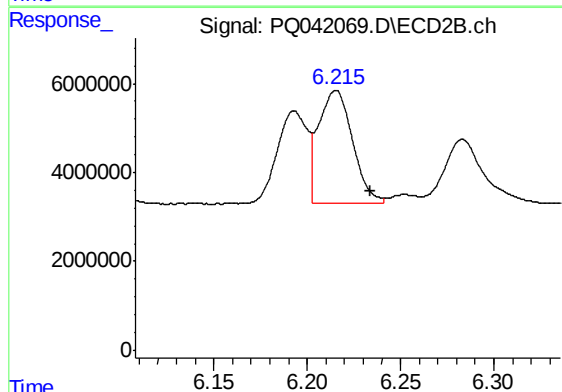
R.T.: 5.269 min
Delta R.T.: -0.019 min
Response: 9991653
Conc: 206.92 ng/ml



#12 AR-1232-2

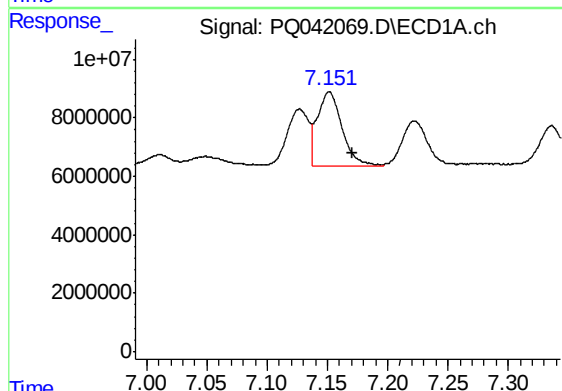
R.T.: 6.810 min
Delta R.T.: -0.018 min
Response: 19899533
Conc: 605.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



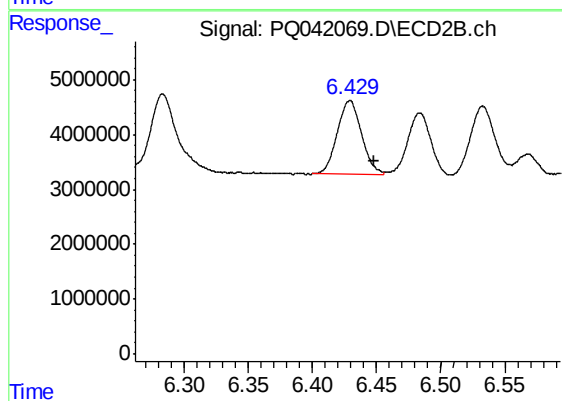
#12 AR-1232-2

R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 32258720
Conc: 565.67 ng/ml



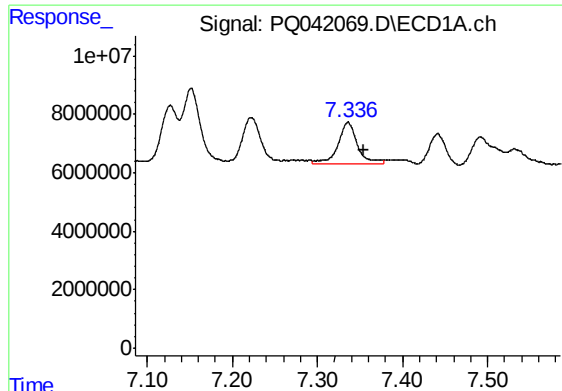
#13 AR-1232-3

R.T.: 7.152 min
Delta R.T.: -0.019 min
Response: 35928376
Conc: 538.14 ng/ml



#13 AR-1232-3

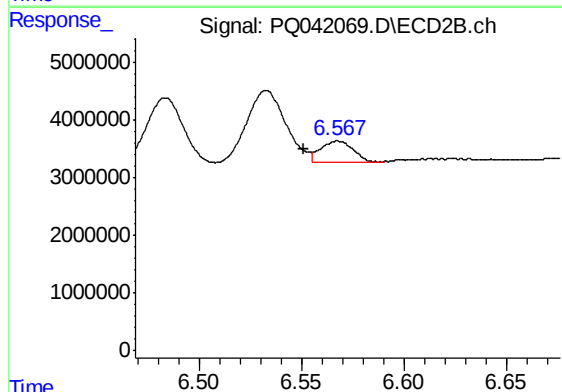
R.T.: 6.429 min
Delta R.T.: -0.019 min
Response: 17492375
Conc: 586.61 ng/ml



#14 AR-1232-4

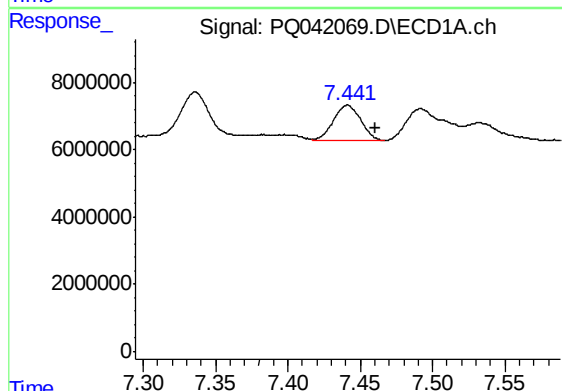
R.T.: 7.336 min
Delta R.T.: -0.018 min
Response: 22735460
Conc: 708.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



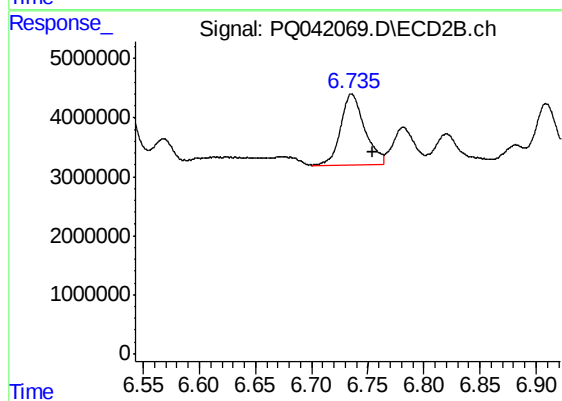
#14 AR-1232-4

R.T.: 6.568 min
Delta R.T.: 0.017 min
Response: 4047766
Conc: 151.62 ng/ml



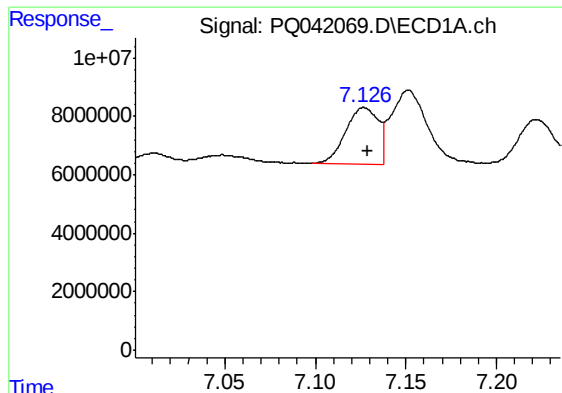
#15 AR-1232-5

R.T.: 7.442 min
Delta R.T.: -0.019 min
Response: 13870421
Conc: 645.43 ng/ml



#15 AR-1232-5

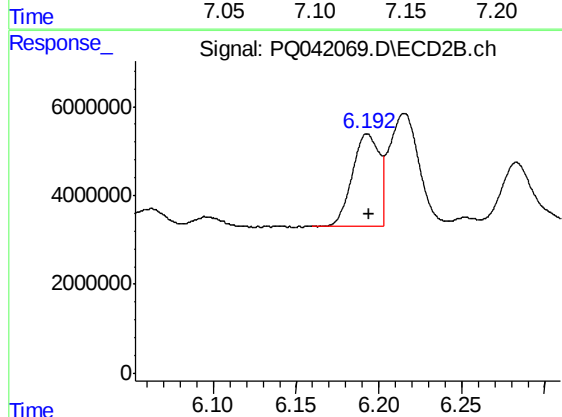
R.T.: 6.735 min
Delta R.T.: -0.019 min
Response: 17717938
Conc: 604.17 ng/ml



#16 AR-1242-1

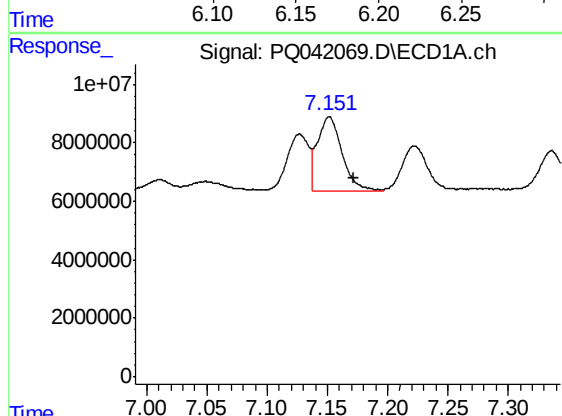
R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 23890255
Conc: 267.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



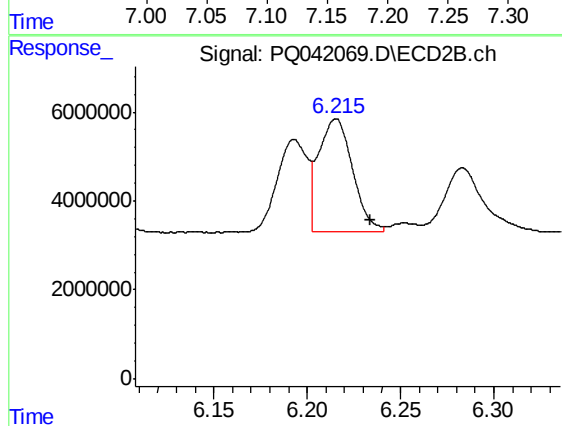
#16 AR-1242-1

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 23452169
Conc: 286.56 ng/ml



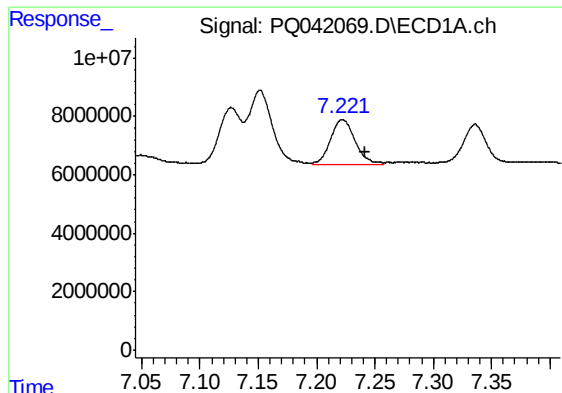
#17 AR-1242-2

R.T.: 7.152 min
Delta R.T.: -0.020 min
Response: 35928376
Conc: 279.40 ng/ml



#17 AR-1242-2

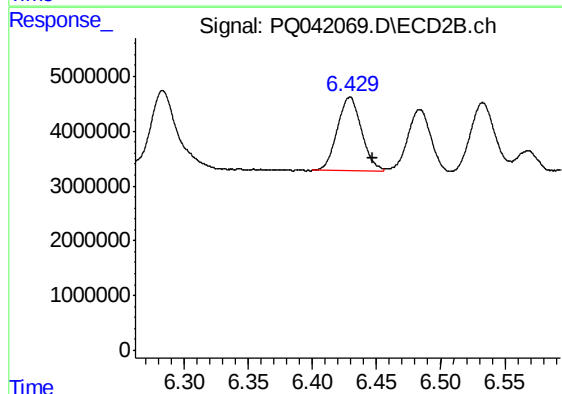
R.T.: 6.216 min
Delta R.T.: -0.018 min
Response: 32258720
Conc: 285.63 ng/ml



#18 AR-1242-3

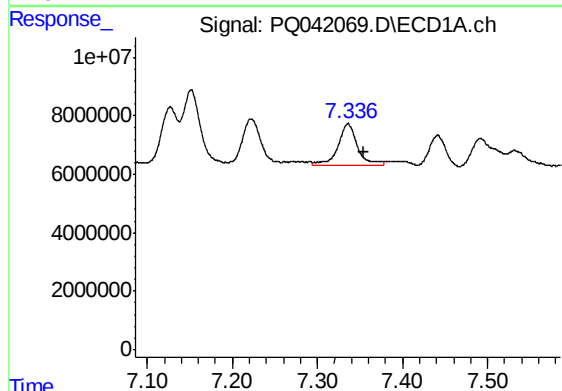
R.T.: 7.222 min
Delta R.T.: -0.020 min
Response: 22978873
Conc: 283.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



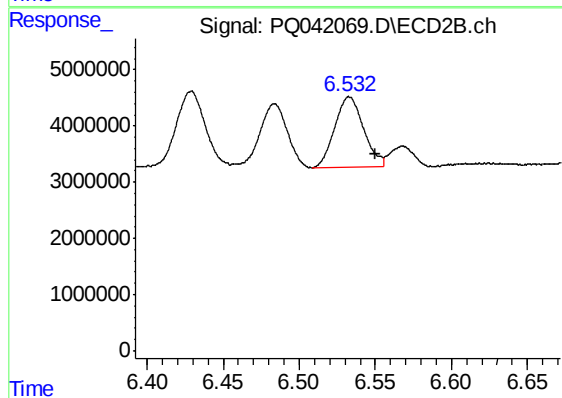
#18 AR-1242-3

R.T.: 6.429 min
Delta R.T.: -0.018 min
Response: 17492375
Conc: 296.12 ng/ml



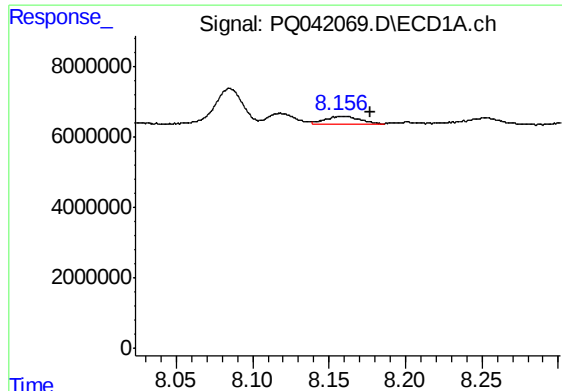
#19 AR-1242-4

R.T.: 7.336 min
Delta R.T.: -0.019 min
Response: 22735460
Conc: 353.65 ng/ml



#19 AR-1242-4

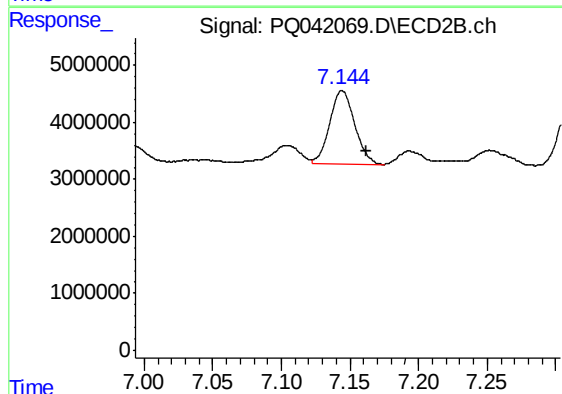
R.T.: 6.533 min
Delta R.T.: -0.018 min
Response: 16566638
Conc: 279.38 ng/ml



#20 AR-1242-5

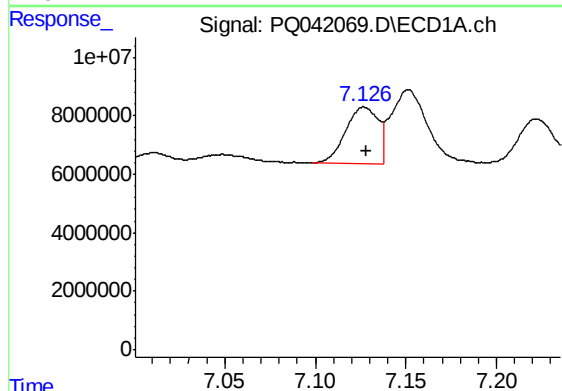
R.T.: 8.157 min
Delta R.T.: -0.020 min
Response: 3611940
Conc: 40.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



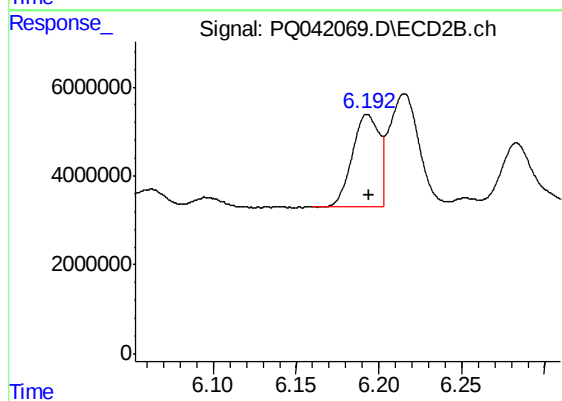
#20 AR-1242-5

R.T.: 7.144 min
Delta R.T.: -0.018 min
Response: 16339977
Conc: 184.02 ng/ml



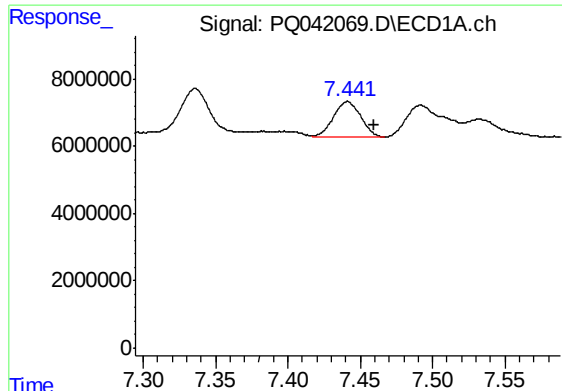
#21 AR-1248-1

R.T.: 7.127 min
Delta R.T.: -0.001 min
Response: 23890255
Conc: 322.25 ng/ml



#21 AR-1248-1

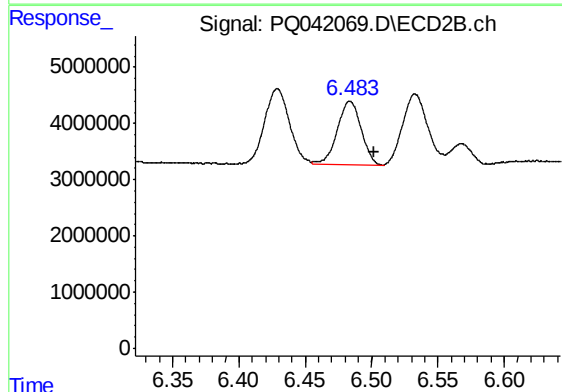
R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 23452169
Conc: 353.71 ng/ml



#22 AR-1248-2

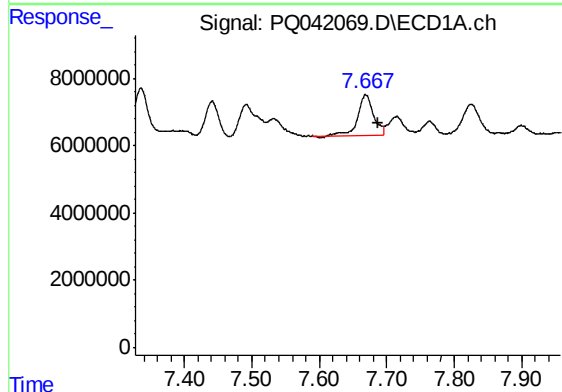
R.T.: 7.442 min
Delta R.T.: -0.018 min
Response: 13870421
Conc: 150.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



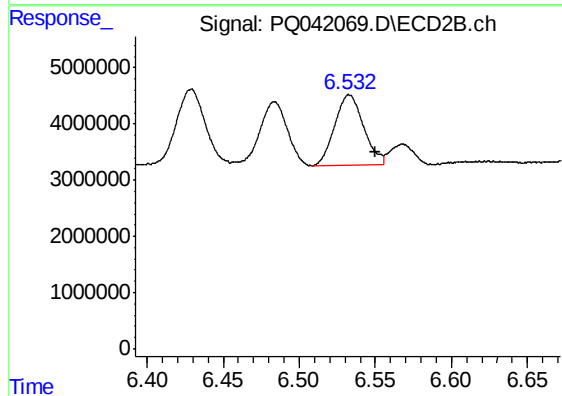
#22 AR-1248-2

R.T.: 6.484 min
Delta R.T.: -0.018 min
Response: 14140542
Conc: 162.19 ng/ml



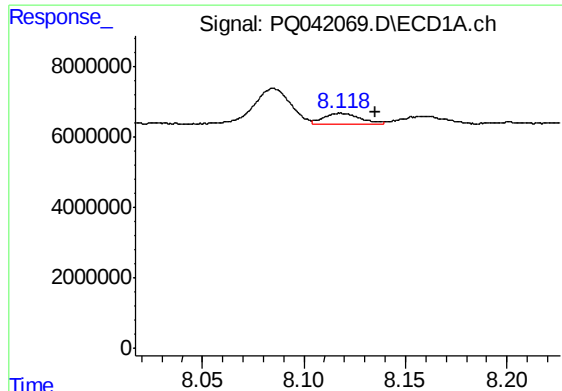
#23 AR-1248-3

R.T.: 7.668 min
Delta R.T.: -0.019 min
Response: 19254893
Conc: 171.86 ng/ml



#23 AR-1248-3

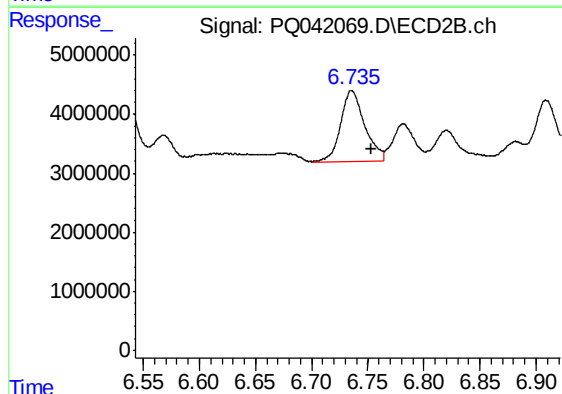
R.T.: 6.533 min
Delta R.T.: -0.018 min
Response: 16566638
Conc: 185.61 ng/ml



#24 AR-1248-4

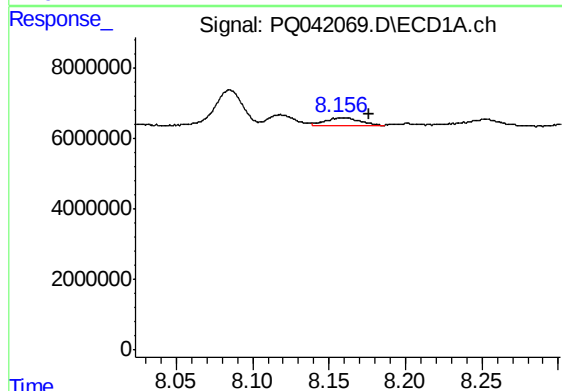
R.T.: 8.118 min
Delta R.T.: -0.017 min
Response: 3967080
Conc: 25.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



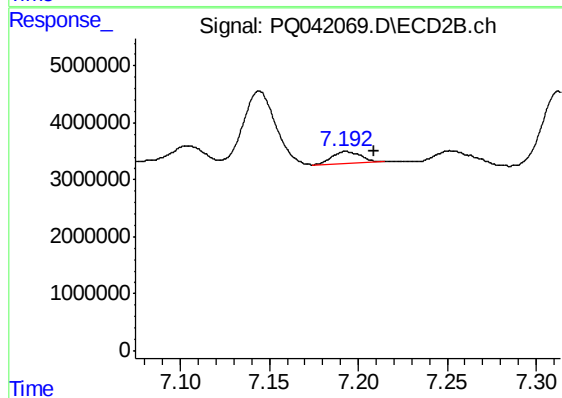
#24 AR-1248-4

R.T.: 6.735 min
Delta R.T.: -0.018 min
Response: 17717938
Conc: 160.87 ng/ml



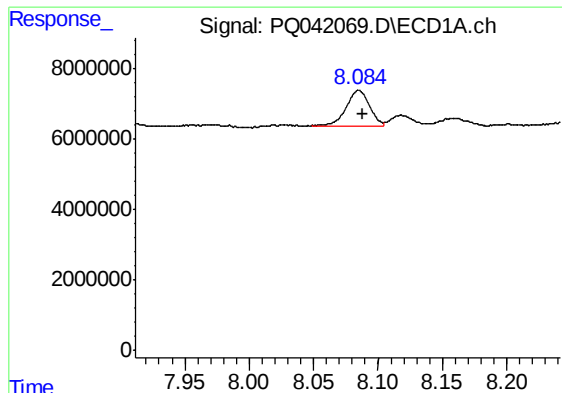
#25 AR-1248-5

R.T.: 8.157 min
Delta R.T.: -0.019 min
Response: 3611940
Conc: 23.87 ng/ml



#25 AR-1248-5

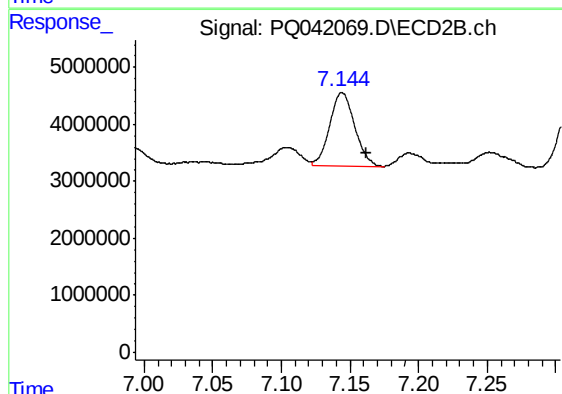
R.T.: 7.193 min
Delta R.T.: -0.016 min
Response: 2407391
Conc: 18.78 ng/ml



#26 AR-1254-1

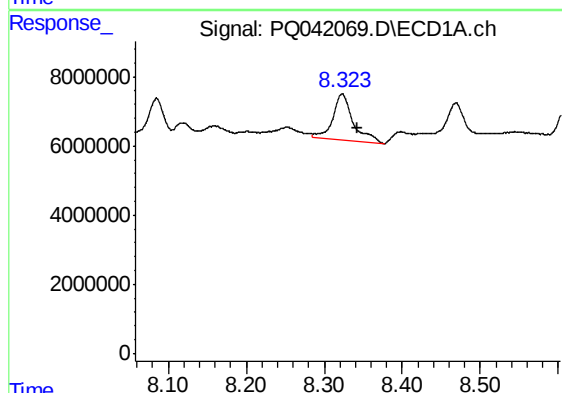
R.T.: 8.085 min
Delta R.T.: -0.003 min
Response: 13186271
Conc: 94.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



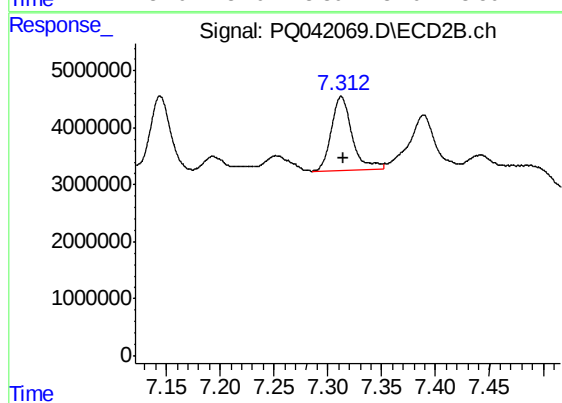
#26 AR-1254-1

R.T.: 7.144 min
Delta R.T.: -0.018 min
Response: 16339977
Conc: 89.35 ng/ml



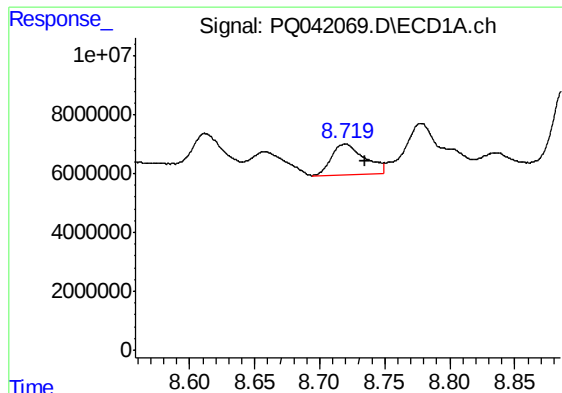
#27 AR-1254-2

R.T.: 8.323 min
Delta R.T.: -0.019 min
Response: 23943509
Conc: 104.61 ng/ml



#27 AR-1254-2

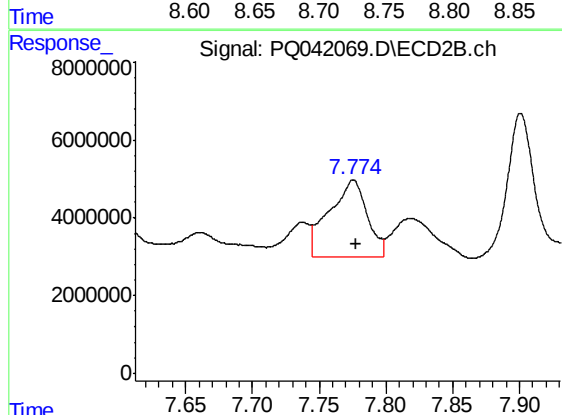
R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 17565270
Conc: 108.51 ng/ml



#28 AR-1254-3

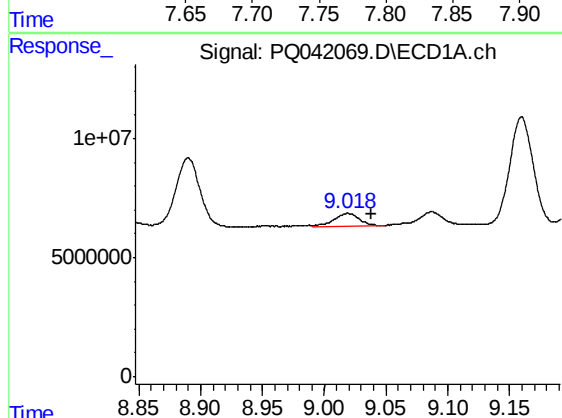
R.T.: 8.719 min
Delta R.T.: -0.016 min
Response: 18181931
Conc: 66.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



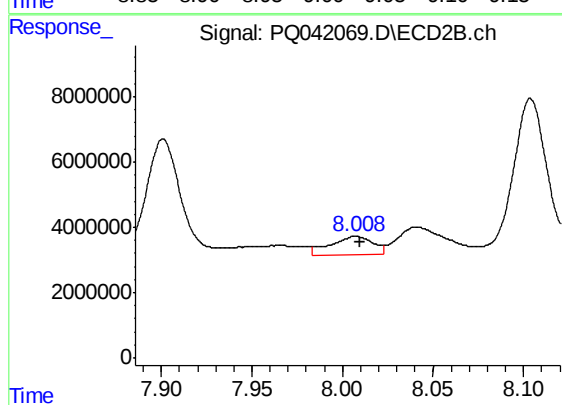
#28 AR-1254-3

R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 38832473
Conc: 134.64 ng/ml



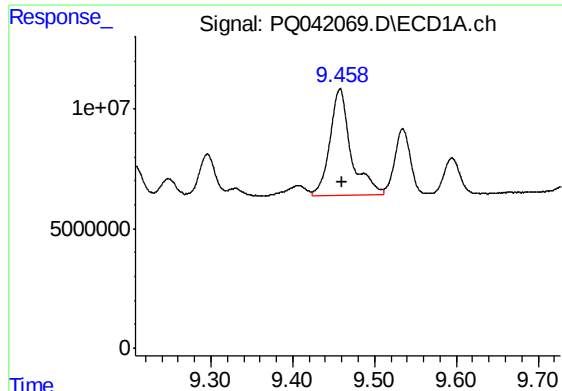
#29 AR-1254-4

R.T.: 9.019 min
Delta R.T.: -0.020 min
Response: 7844006
Conc: 31.86 ng/ml



#29 AR-1254-4

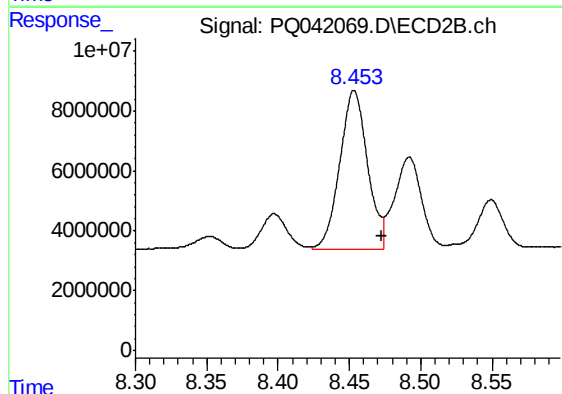
R.T.: 8.007 min
Delta R.T.: -0.003 min
Response: 9019990
Conc: 41.55 ng/ml



#30 AR-1254-5

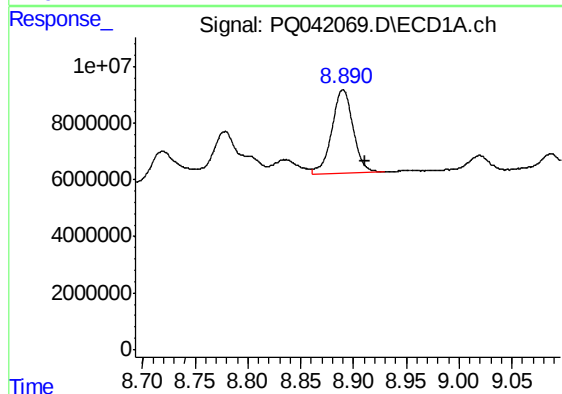
R.T.: 9.458 min
Delta R.T.: -0.003 min
Response: 79746514
Conc: 294.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



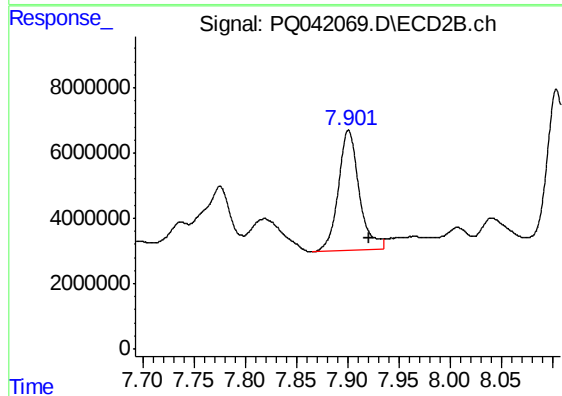
#30 AR-1254-5

R.T.: 8.453 min
Delta R.T.: -0.019 min
Response: 71728315
Conc: 238.48 ng/ml



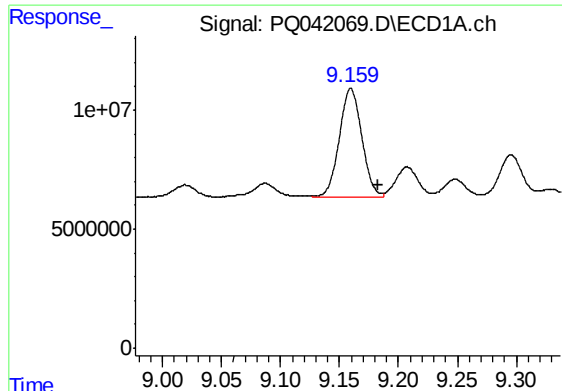
#31 AR-1260-1

R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 42067360
Conc: 236.49 ng/ml



#31 AR-1260-1

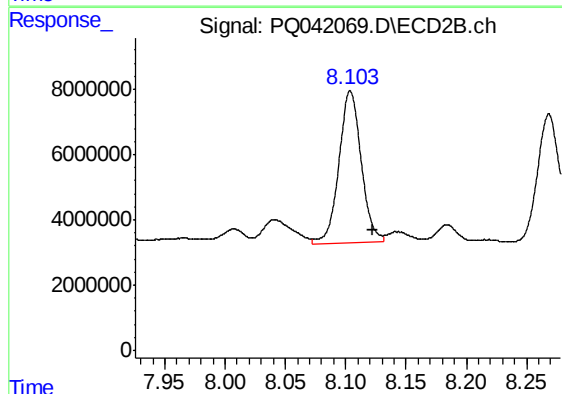
R.T.: 7.901 min
Delta R.T.: -0.020 min
Response: 52408431
Conc: 288.86 ng/ml



#32 AR-1260-2

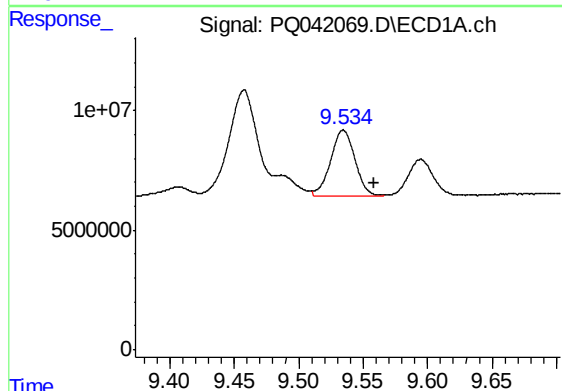
R.T.: 9.160 min
Delta R.T.: -0.023 min
Response: 61104910
Conc: 242.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



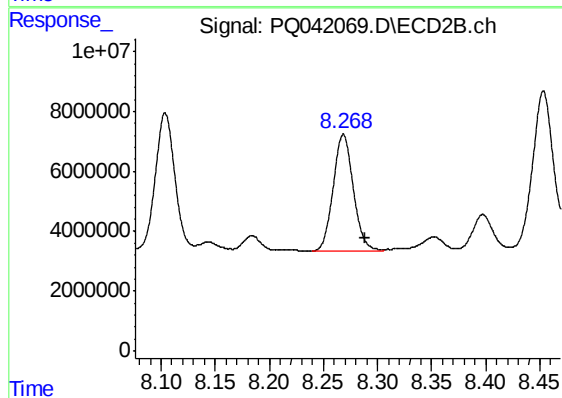
#32 AR-1260-2

R.T.: 8.104 min
Delta R.T.: -0.019 min
Response: 59556613
Conc: 242.76 ng/ml



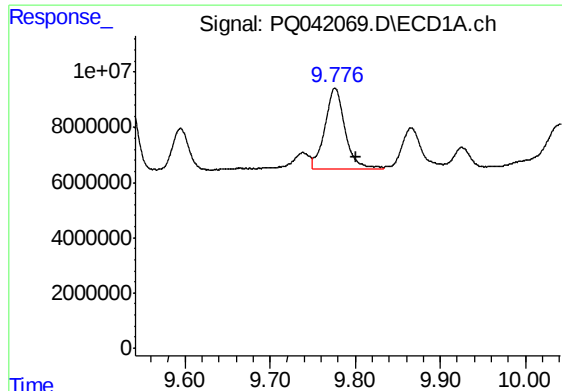
#33 AR-1260-3

R.T.: 9.534 min
Delta R.T.: -0.024 min
Response: 36656649
Conc: 159.98 ng/ml



#33 AR-1260-3

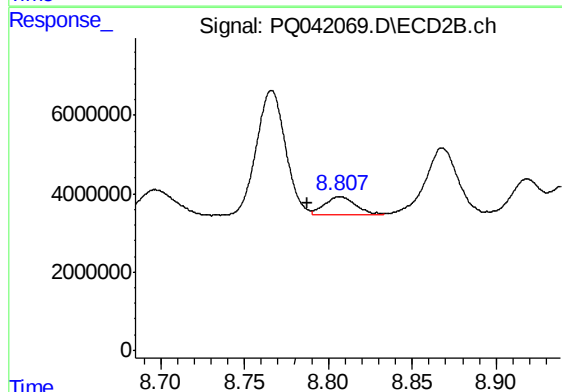
R.T.: 8.268 min
Delta R.T.: -0.020 min
Response: 50570494
Conc: 237.67 ng/ml



#34 AR-1260-4

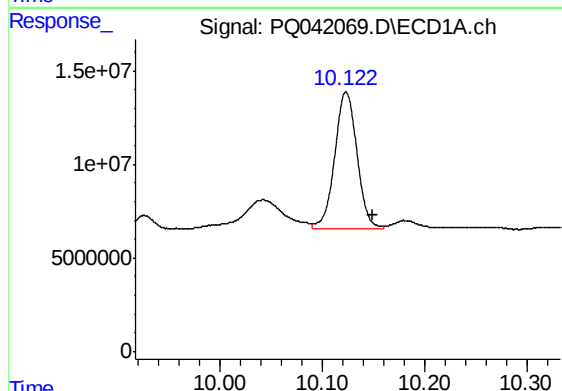
R.T.: 9.776 min
Delta R.T.: -0.025 min
Response: 48063485
Conc: 188.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



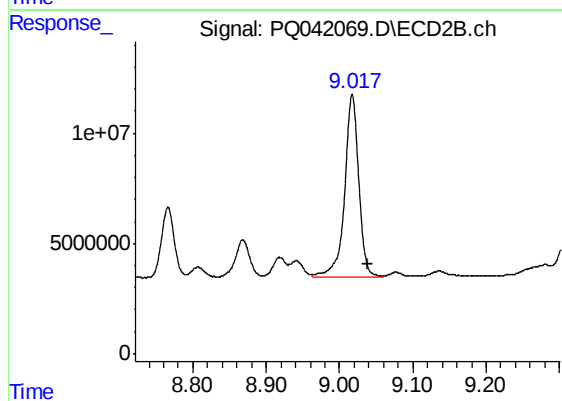
#34 AR-1260-4

R.T.: 8.807 min
Delta R.T.: 0.019 min
Response: 6045043
Conc: 29.88 ng/ml



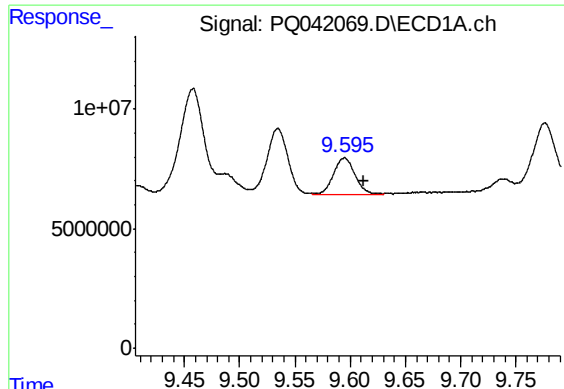
#35 AR-1260-5

R.T.: 10.123 min
Delta R.T.: -0.026 min
Response: 110324313
Conc: 163.79 ng/ml



#35 AR-1260-5

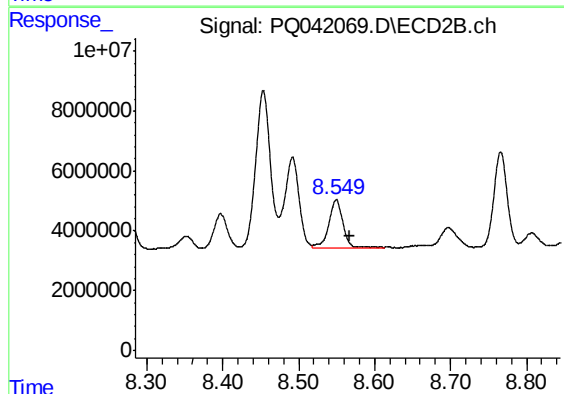
R.T.: 9.017 min
Delta R.T.: -0.021 min
Response: 110375228
Conc: 187.01 ng/ml



#36 AR-1262-1

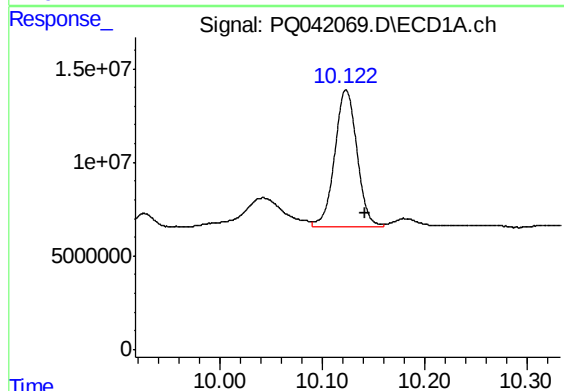
R.T.: 9.595 min
Delta R.T.: -0.018 min
Response: 20462133
Conc: 133.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



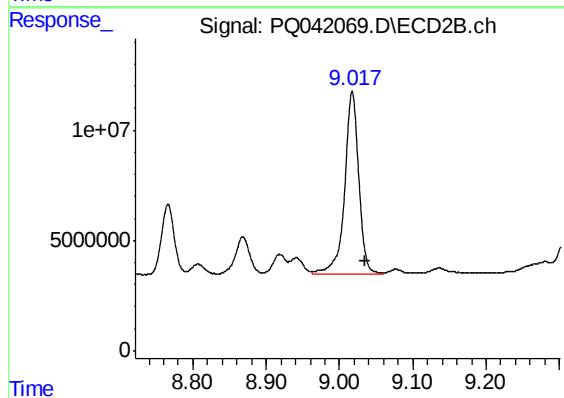
#36 AR-1262-1

R.T.: 8.549 min
Delta R.T.: -0.017 min
Response: 21464790
Conc: 149.62 ng/ml



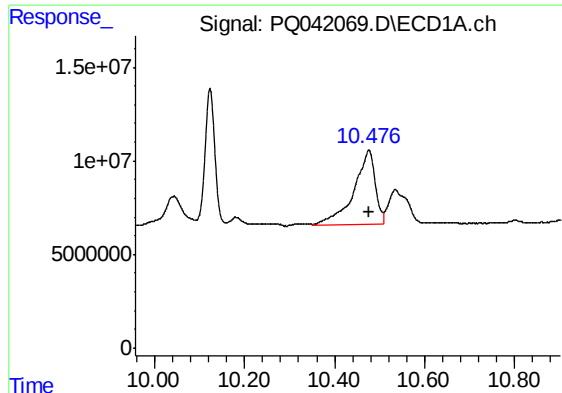
#37 AR-1262-2

R.T.: 10.123 min
Delta R.T.: -0.019 min
Response: 110324313
Conc: 126.02 ng/ml



#37 AR-1262-2

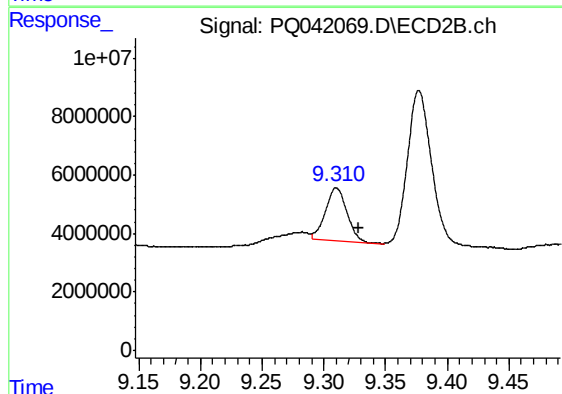
R.T.: 9.017 min
Delta R.T.: -0.017 min
Response: 110375228
Conc: 148.94 ng/ml



#38 AR-1262-3

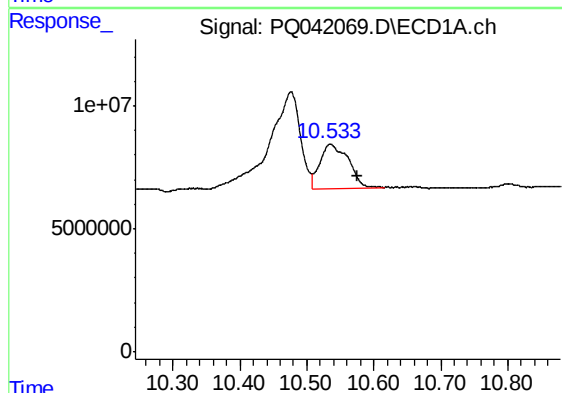
R.T.: 10.476 min
Delta R.T.: 0.000 min
Response: 131642288
Conc: 207.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



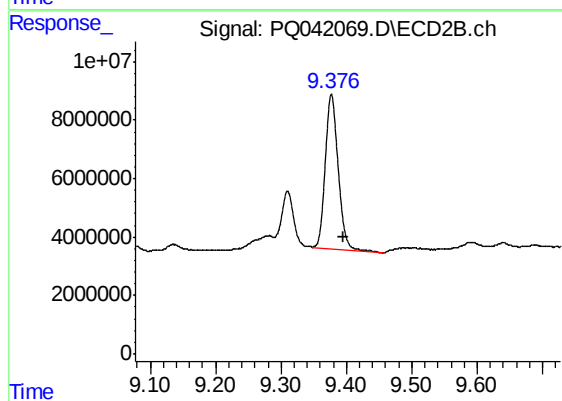
#38 AR-1262-3

R.T.: 9.310 min
Delta R.T.: -0.018 min
Response: 22019522
Conc: 69.60 ng/ml



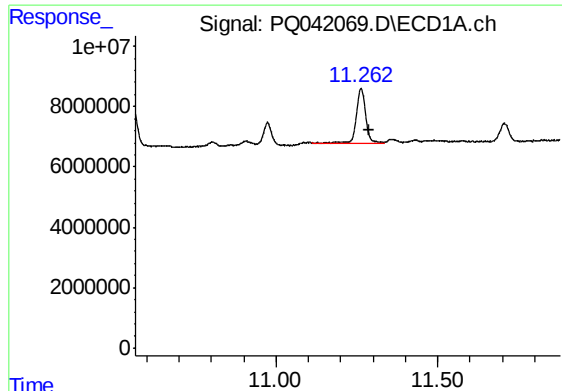
#39 AR-1262-4

R.T.: 10.534 min
Delta R.T.: -0.042 min
Response: 52940979
Conc: 105.73 ng/ml



#39 AR-1262-4

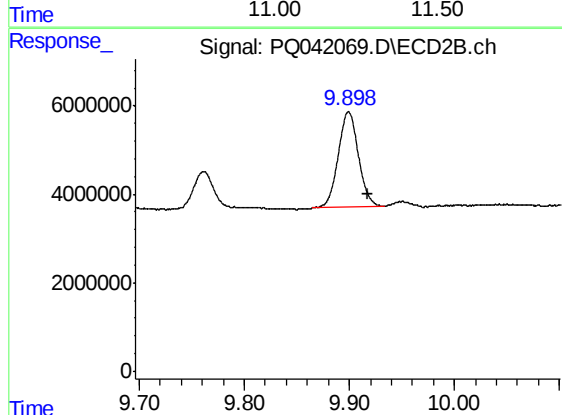
R.T.: 9.377 min
Delta R.T.: -0.018 min
Response: 72428575
Conc: 128.79 ng/ml



#40 AR-1262-5

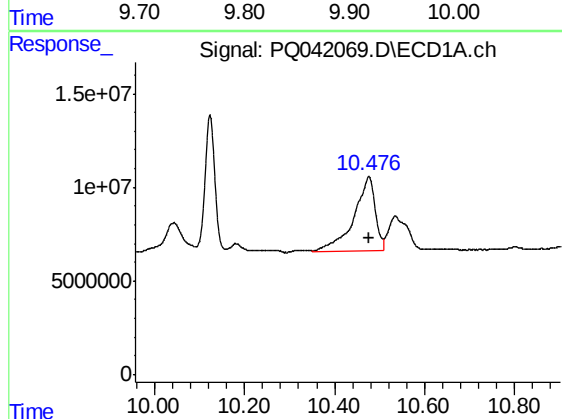
R.T.: 11.262 min
Delta R.T.: -0.024 min
Response: 35509513
Conc: 87.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



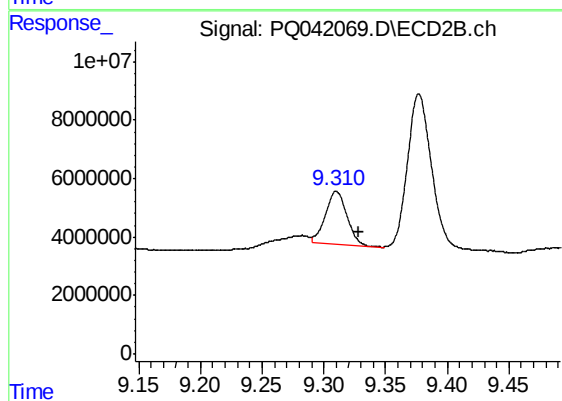
#40 AR-1262-5

R.T.: 9.899 min
Delta R.T.: -0.018 min
Response: 28649945
Conc: 100.31 ng/ml



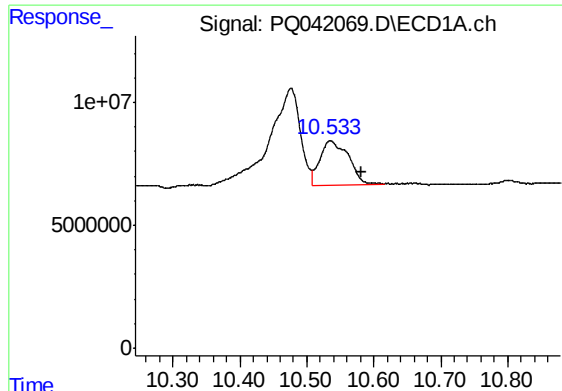
#41 AR-1268-1

R.T.: 10.476 min
Delta R.T.: -0.002 min
Response: 131642288
Conc: 92.41 ng/ml



#41 AR-1268-1

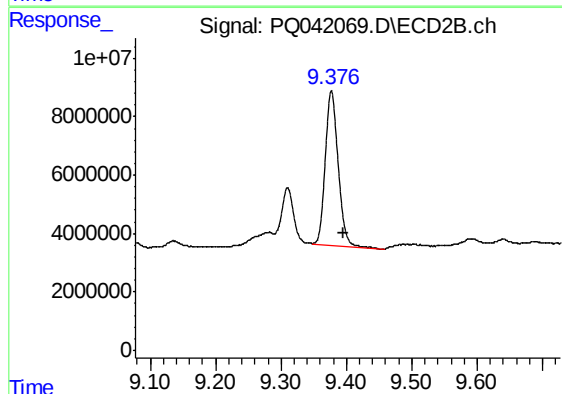
R.T.: 9.310 min
Delta R.T.: -0.018 min
Response: 22019522
Conc: 19.26 ng/ml



#42 AR-1268-2

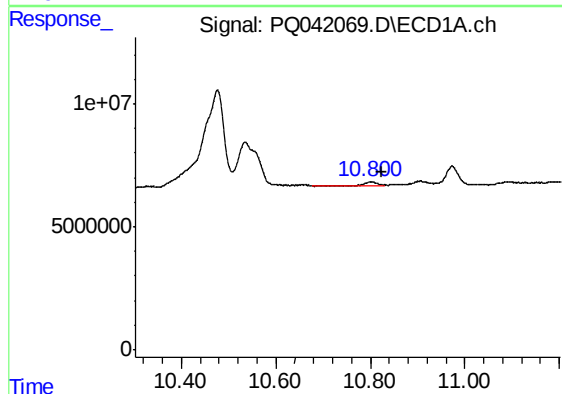
R.T.: 10.534 min
Delta R.T.: -0.047 min
Response: 52940979
Conc: 40.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



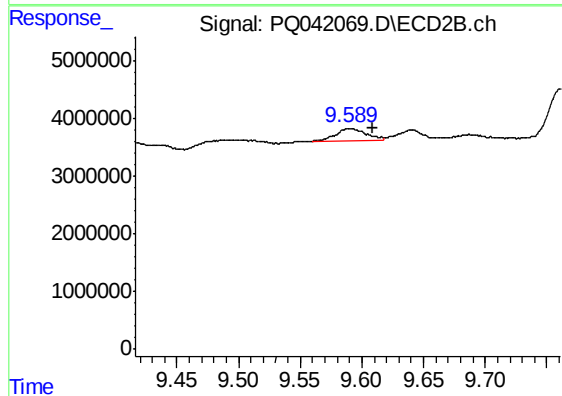
#42 AR-1268-2

R.T.: 9.377 min
Delta R.T.: -0.019 min
Response: 72428575
Conc: 70.55 ng/ml



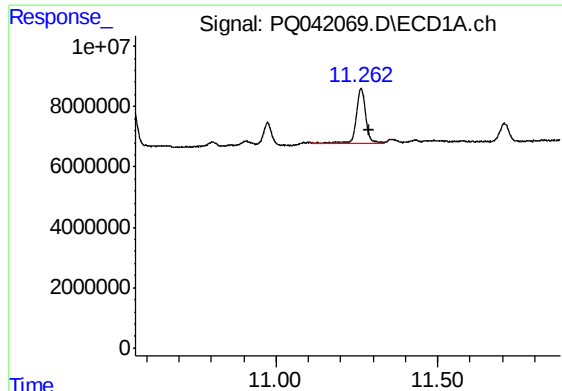
#43 AR-1268-3

R.T.: 10.801 min
Delta R.T.: -0.024 min
Response: 2345525
Conc: 2.00 ng/ml



#43 AR-1268-3

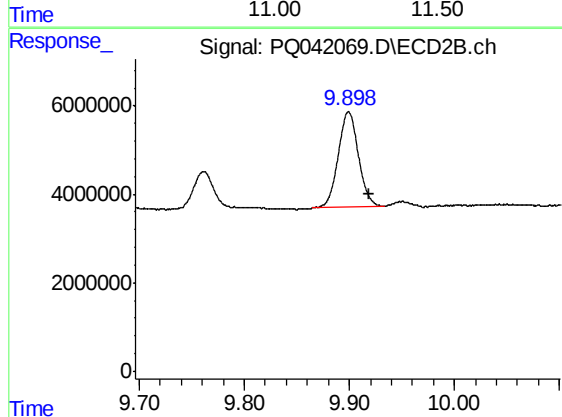
R.T.: 9.590 min
Delta R.T.: -0.019 min
Response: 3466378
Conc: 3.99 ng/ml



#44 AR-1268-4

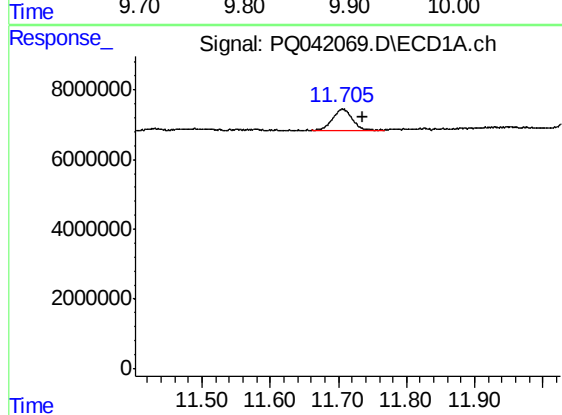
R.T.: 11.262 min
Delta R.T.: -0.024 min
Response: 35509513
Conc: 65.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENW1MSD



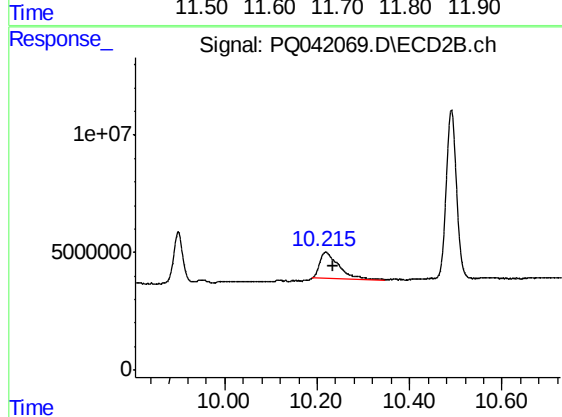
#44 AR-1268-4

R.T.: 9.899 min
Delta R.T.: -0.019 min
Response: 28649945
Conc: 74.48 ng/ml



#45 AR-1268-5

R.T.: 11.706 min
Delta R.T.: -0.029 min
Response: 12364581
Conc: 3.05 ng/ml



#45 AR-1268-5

R.T.: 10.217 min
Delta R.T.: -0.018 min
Response: 32056834
Conc: 12.34 ng/ml