

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
 Data File : PQ033449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2018 20:06
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660338

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 07:27:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 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...	4.566	3.846	43320477	29126142	21.117	18.727
2)	SA Decachlor...	10.392	8.892	90485121	67558687	47.868	42.026
Target Compounds							
3)	L1 AR-1016-1	5.764	4.937	46036877	23587856	661.167	412.031 #
4)	L1 AR-1016-2	5.764	4.988	46036877	2143076	446.925	26.895 #
5)	L1 AR-1016-3	5.826	5.173	28233406	14212315	450.889	342.629
6)	L1 AR-1016-4	5.927	5.173	22392140	14212315	443.044	414.791
7)	L1 AR-1016-5	6.220	5.430	23069110	6858943	447.675	150.116 #
8)	L2 AR-1221-1	4.772	4.060	1110062	1566932	46.746	84.783 #
9)	L2 AR-1221-2	4.863	4.147	3509661	1759972	213.183	133.059 #
10)	L2 AR-1221-3	4.941	4.223	6262469	10285502	109.154	224.913 #
11)	L3 AR-1232-1	4.941	4.223	6262469	10285502	141.065	297.228 #
12)	L3 AR-1232-2	5.473	4.988	23387060	2143076	990.188	56.993 #
13)	L3 AR-1232-3	5.764	5.173	46036877	14212315	962.921	725.644
14)	L3 AR-1232-4	5.927	5.247	22392140	5721917	940.095	333.383 #
15)	L3 AR-1232-5	6.014	5.389	20799387	17803683	1166.266	913.004
16)	L4 AR-1242-1	5.764	4.956	46036877	33665767	771.438	691.882
17)	L4 AR-1242-2	5.764	4.988	46036877	2143076	530.086	31.749 #
18)	L4 AR-1242-3	5.826	5.173	28233406	14212315	539.951	387.990 #
19)	L4 AR-1242-4	5.927	5.247	22392140	5721917	519.249	155.347 #
20)	L4 AR-1242-5	6.664	5.741	6693918	21173482	135.787	440.751 #
21)	L5 AR-1248-1	5.764	4.956	46036877	33665767	928.112	821.521
22)	L5 AR-1248-2	6.014	5.173	20799387	14212315	282.784	258.691
23)	L5 AR-1248-3	6.220	5.247	23069110	5721917	282.279	102.172 #
24)	L5 AR-1248-4	6.624	5.389	7715236	17803683	82.365	258.141 #
25)	L5 AR-1248-5	6.664	5.782	6693918	4570869	75.375	66.122
26)	L6 AR-1254-1	6.624	5.741	7715236	21173482	77.851	187.940 #
27)	L6 AR-1254-2	6.814	5.886	23105101	16634763	147.846	168.462
28)	L6 AR-1254-3	7.185	6.305	14102115	35647783	83.108	214.499 #
29)	L6 AR-1254-4	7.469	6.547	9729211	9991211	78.795	93.906
30)	L6 AR-1254-5	7.918	6.972	8624972	35372526	65.154	240.817 #
31)	L7 AR-1260-1	7.346	6.420	48503897	40549870	453.490	431.730
32)	L7 AR-1260-2	7.602	6.607	58824202	49885856	465.841	428.166
33)	L7 AR-1260-3	7.961	6.763	36522523	47069166	468.889	436.461
34)	L7 AR-1260-4	8.193	7.274	47163150	6130020	465.913	79.746 #
35)	L7 AR-1260-5	8.522	7.474	89044139	83211566	471.563	433.128
36)	L8 AR-1262-1	7.961	6.972	36522523	35372526	270.962	275.243
37)	L8 AR-1262-2	8.522	7.474	89044139	83211566	360.098	347.387
38)	L8 AR-1262-3	8.863	7.756	50336453	14845735	304.316	159.377 #
39)	L8 AR-1262-4	8.919	7.821	28829275	59781822	423.018	343.389
40)	L8 AR-1262-5	9.616	8.372	20836292	51761	238.155	0.641 #
41)	L9 AR-1268-1	8.863	7.756	50336453	14845735	137.261	43.422 #
42)	L9 AR-1268-2	8.919	7.821	28829275	59781822	86.501	193.456 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102218\
 Data File : PQ033449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2018 20:06
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

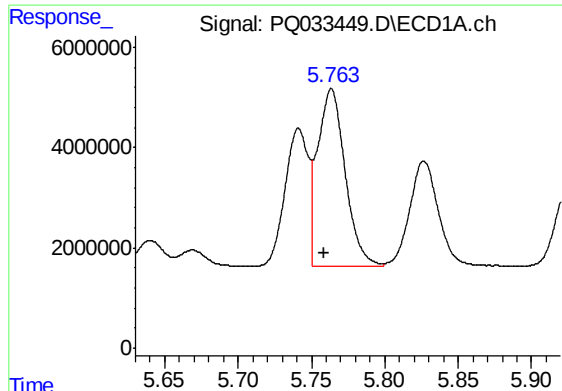
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660338

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 07:27:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 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	9.172	8.027	873429	1314645	3.099	5.139 #
44) L9	AR-1268-4	9.616	8.325	20836292	7069831	172.459	64.092 #
45) L9	AR-1268-5	10.044	8.628	4224001	4170474	4.568	4.986

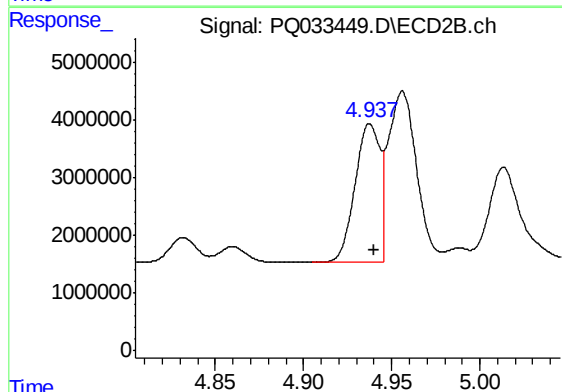
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

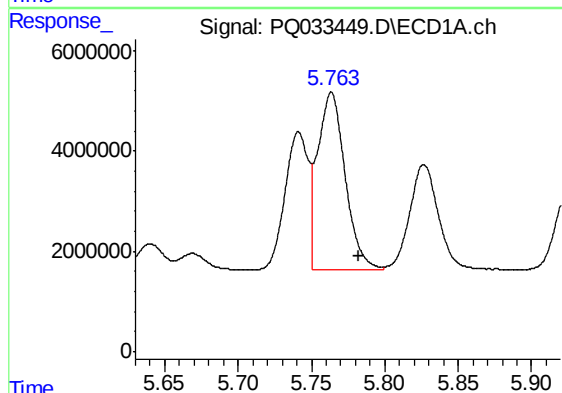
R.T.: 5.764 min
Delta R.T.: 0.005 min
Response: 46036877
Conc: 661.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



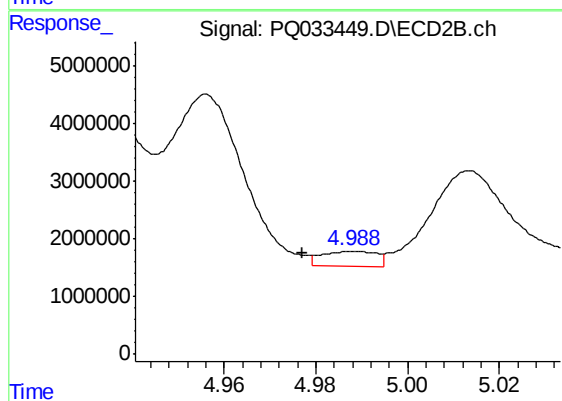
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: -0.003 min
Response: 23587856
Conc: 412.03 ng/ml



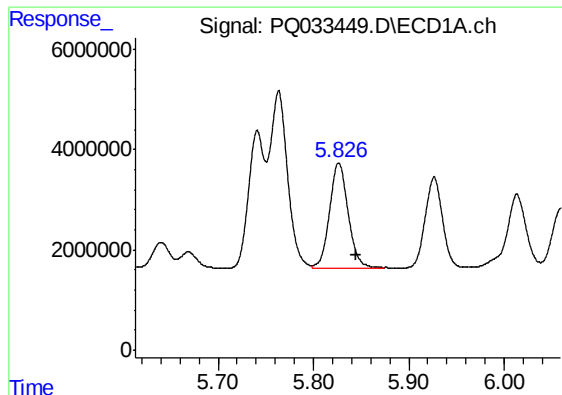
#4 AR-1016-2

R.T.: 5.764 min
Delta R.T.: -0.018 min
Response: 46036877
Conc: 446.93 ng/ml



#4 AR-1016-2

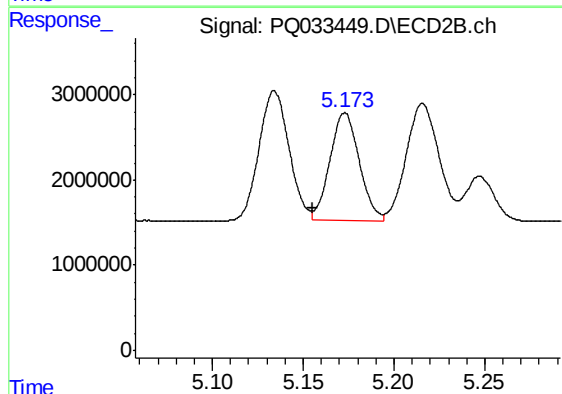
R.T.: 4.988 min
Delta R.T.: 0.011 min
Response: 2143076
Conc: 26.89 ng/ml



#5 AR-1016-3

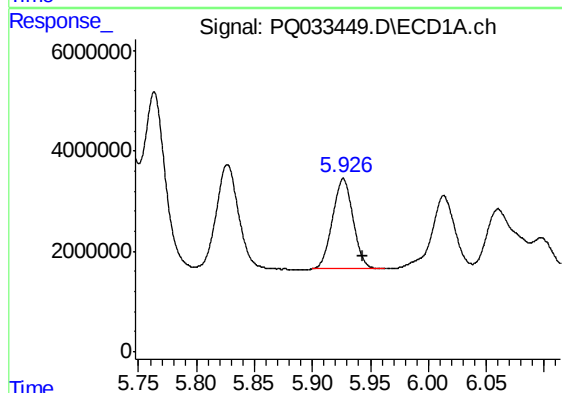
R.T.: 5.826 min
Delta R.T.: -0.019 min
Response: 28233406
Conc: 450.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



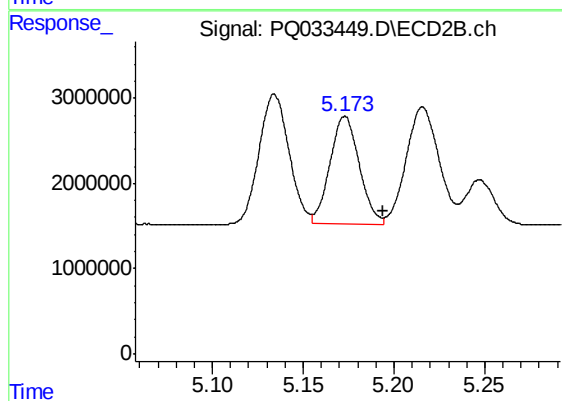
#5 AR-1016-3

R.T.: 5.173 min
Delta R.T.: 0.018 min
Response: 14212315
Conc: 342.63 ng/ml



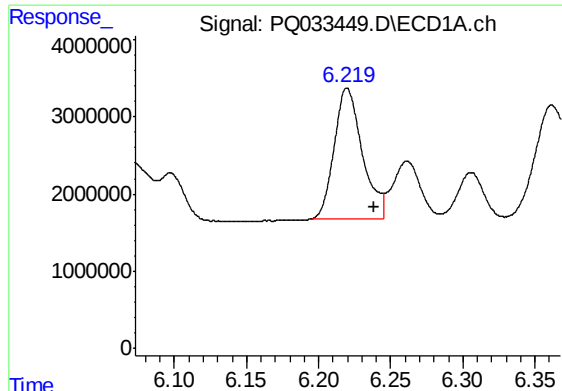
#6 AR-1016-4

R.T.: 5.927 min
Delta R.T.: -0.017 min
Response: 22392140
Conc: 443.04 ng/ml



#6 AR-1016-4

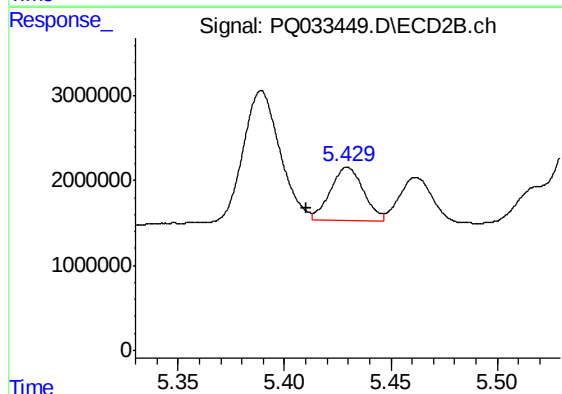
R.T.: 5.173 min
Delta R.T.: -0.021 min
Response: 14212315
Conc: 414.79 ng/ml



#7 AR-1016-5

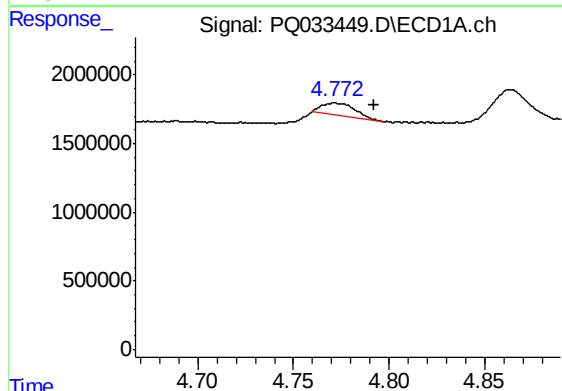
R.T.: 6.220 min
Delta R.T.: -0.019 min
Response: 23069110
Conc: 447.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



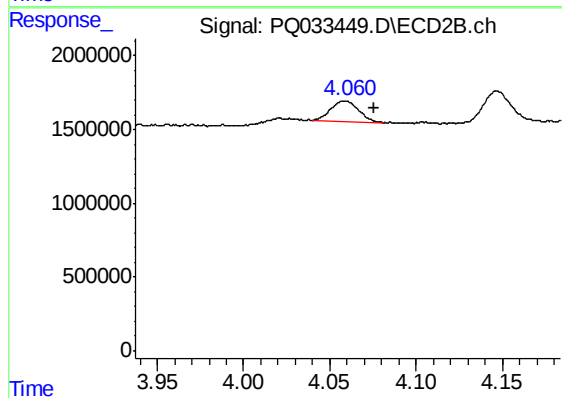
#7 AR-1016-5

R.T.: 5.430 min
Delta R.T.: 0.019 min
Response: 6858943
Conc: 150.12 ng/ml



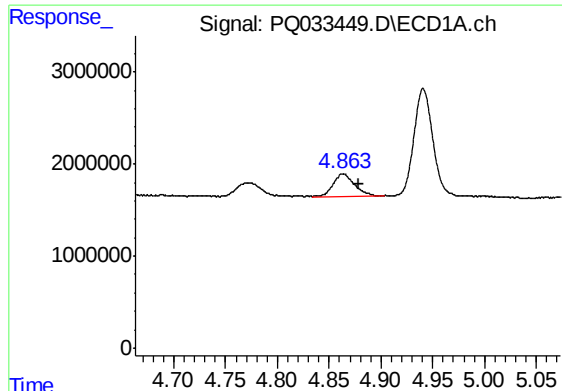
#8 AR-1221-1

R.T.: 4.772 min
Delta R.T.: -0.020 min
Response: 1110062
Conc: 46.75 ng/ml



#8 AR-1221-1

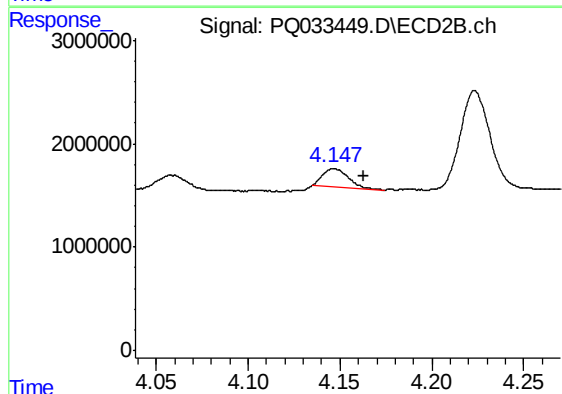
R.T.: 4.060 min
Delta R.T.: -0.016 min
Response: 1566932
Conc: 84.78 ng/ml



#9 AR-1221-2

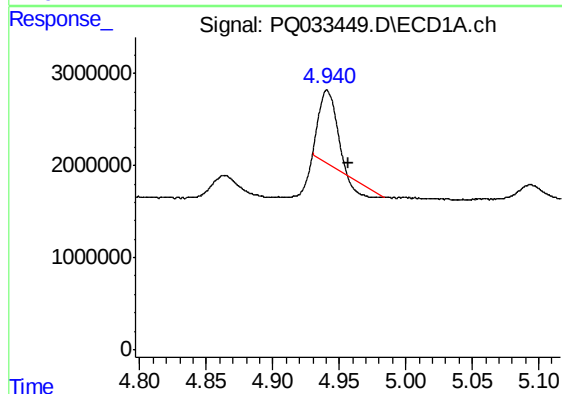
R.T.: 4.863 min
Delta R.T.: -0.016 min
Response: 3509661
Conc: 213.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



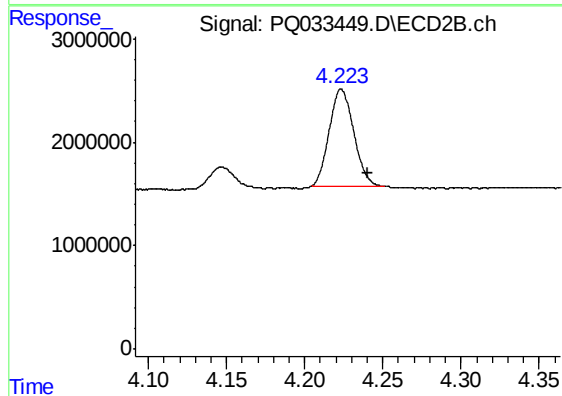
#9 AR-1221-2

R.T.: 4.147 min
Delta R.T.: -0.016 min
Response: 1759972
Conc: 133.06 ng/ml



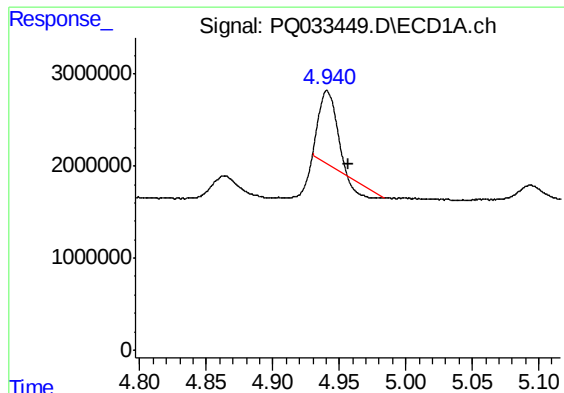
#10 AR-1221-3

R.T.: 4.941 min
Delta R.T.: -0.016 min
Response: 6262469
Conc: 109.15 ng/ml



#10 AR-1221-3

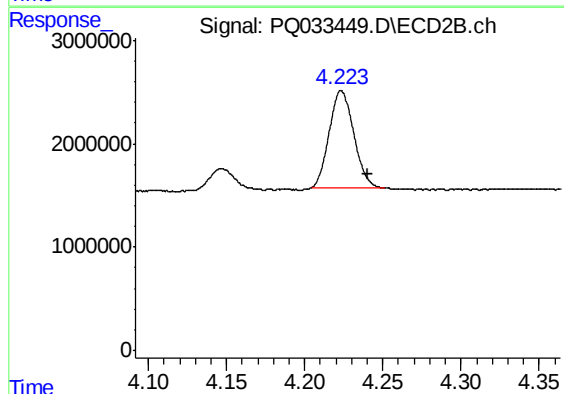
R.T.: 4.223 min
Delta R.T.: -0.017 min
Response: 10285502
Conc: 224.91 ng/ml



#11 AR-1232-1

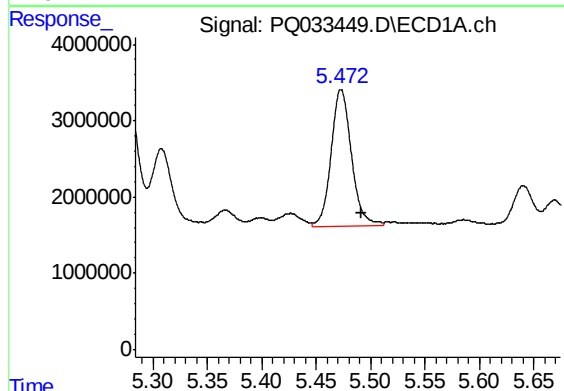
R.T.: 4.941 min
Delta R.T.: -0.017 min
Response: 6262469
Conc: 141.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



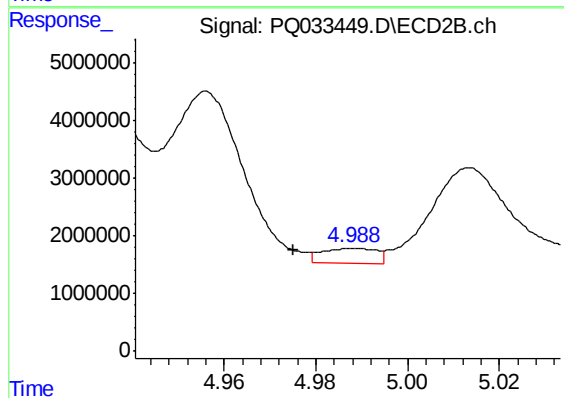
#11 AR-1232-1

R.T.: 4.223 min
Delta R.T.: -0.017 min
Response: 10285502
Conc: 297.23 ng/ml



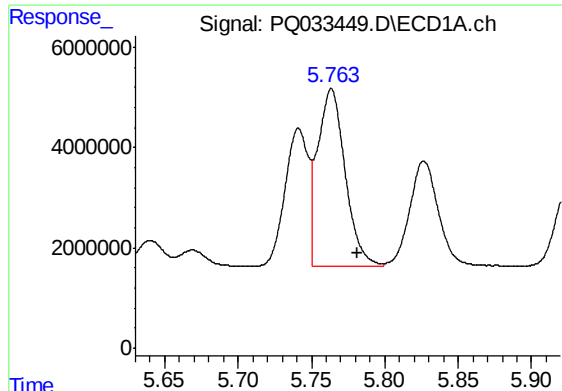
#12 AR-1232-2

R.T.: 5.473 min
Delta R.T.: -0.019 min
Response: 23387060
Conc: 990.19 ng/ml



#12 AR-1232-2

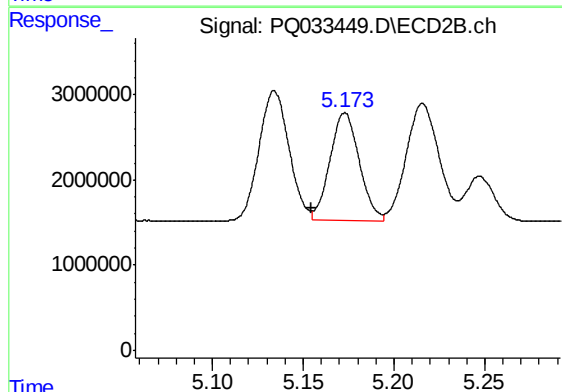
R.T.: 4.988 min
Delta R.T.: 0.013 min
Response: 2143076
Conc: 56.99 ng/ml



#13 AR-1232-3

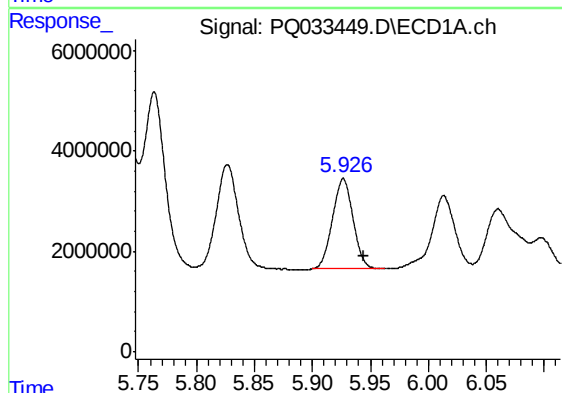
R.T.: 5.764 min
Delta R.T.: -0.018 min
Response: 46036877
Conc: 962.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



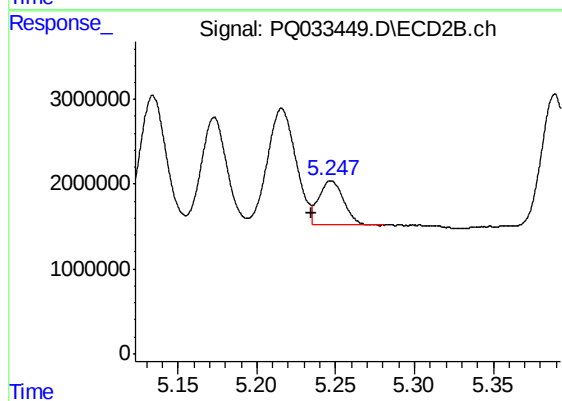
#13 AR-1232-3

R.T.: 5.173 min
Delta R.T.: 0.018 min
Response: 14212315
Conc: 725.64 ng/ml



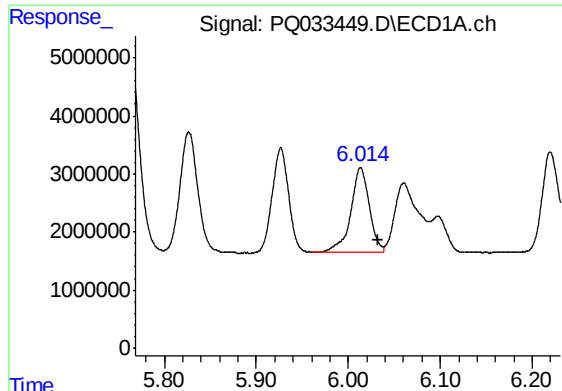
#14 AR-1232-4

R.T.: 5.927 min
Delta R.T.: -0.018 min
Response: 22392140
Conc: 940.10 ng/ml



#14 AR-1232-4

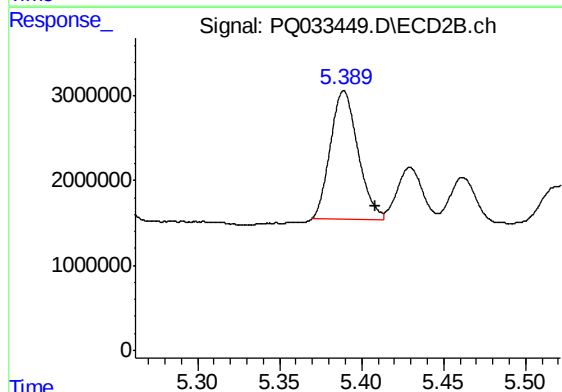
R.T.: 5.247 min
Delta R.T.: 0.012 min
Response: 5721917
Conc: 333.38 ng/ml



#15 AR-1232-5

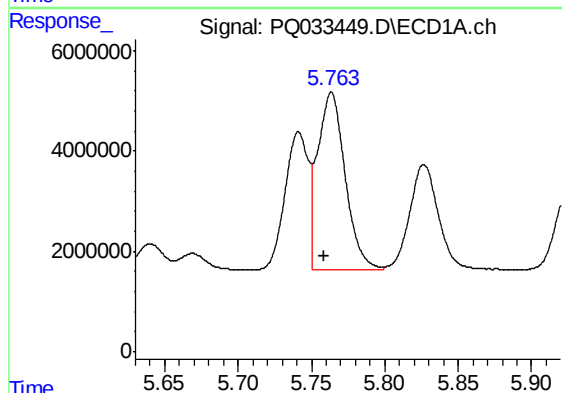
R.T.: 6.014 min
Delta R.T.: -0.019 min
Response: 20799387
Conc: 1166.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



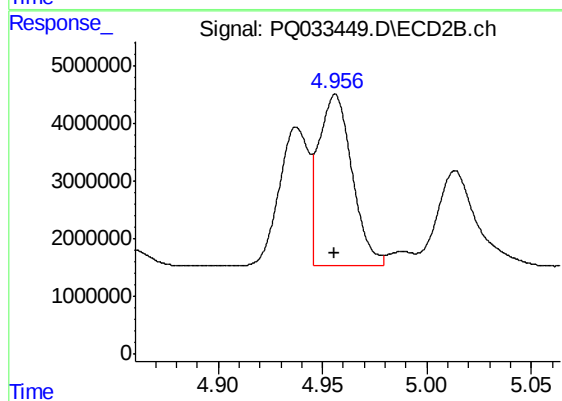
#15 AR-1232-5

R.T.: 5.389 min
Delta R.T.: -0.020 min
Response: 17803683
Conc: 913.00 ng/ml



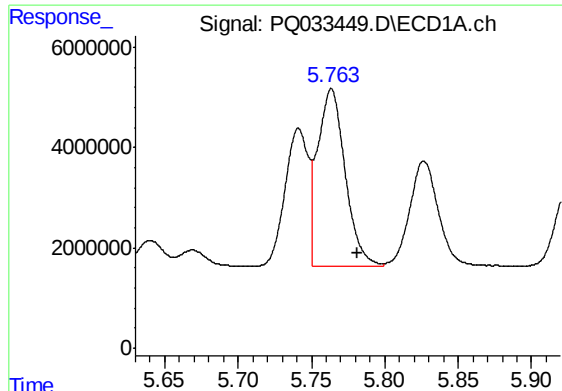
#16 AR-1242-1

R.T.: 5.764 min
Delta R.T.: 0.005 min
Response: 46036877
Conc: 771.44 ng/ml



#16 AR-1242-1

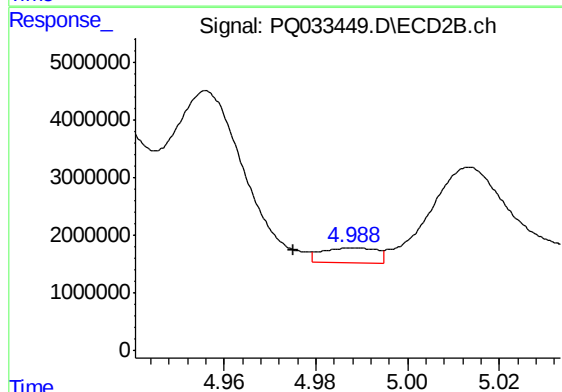
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 33665767
Conc: 691.88 ng/ml



#17 AR-1242-2

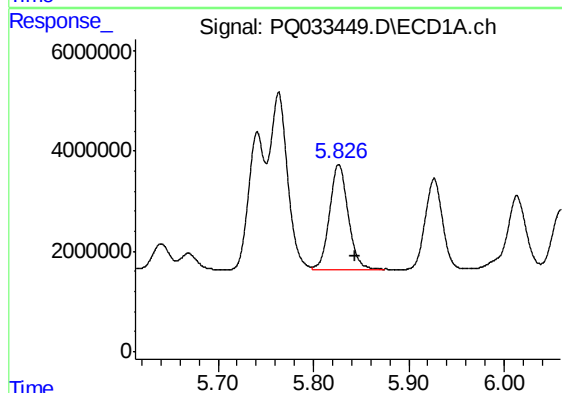
R.T.: 5.764 min
Delta R.T.: -0.018 min
Response: 46036877
Conc: 530.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



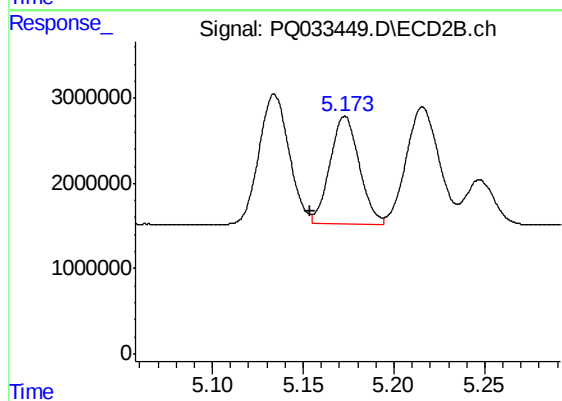
#17 AR-1242-2

R.T.: 4.988 min
Delta R.T.: 0.013 min
Response: 2143076
Conc: 31.75 ng/ml



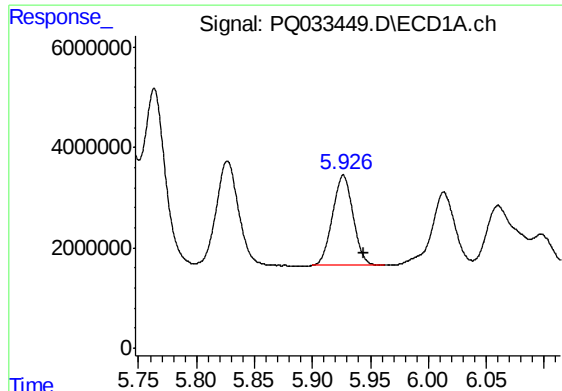
#18 AR-1242-3

R.T.: 5.826 min
Delta R.T.: -0.018 min
Response: 28233406
Conc: 539.95 ng/ml



#18 AR-1242-3

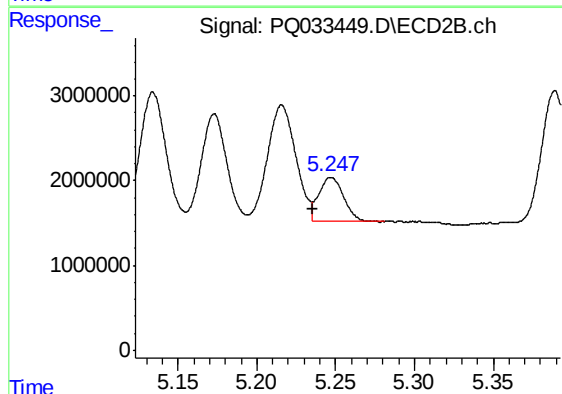
R.T.: 5.173 min
Delta R.T.: 0.019 min
Response: 14212315
Conc: 387.99 ng/ml



#19 AR-1242-4

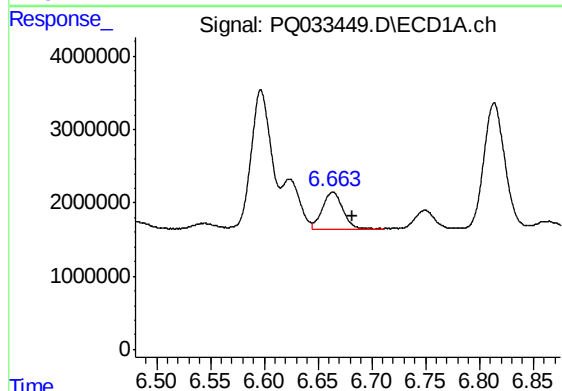
R.T.: 5.927 min
Delta R.T.: -0.017 min
Response: 22392140
Conc: 519.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



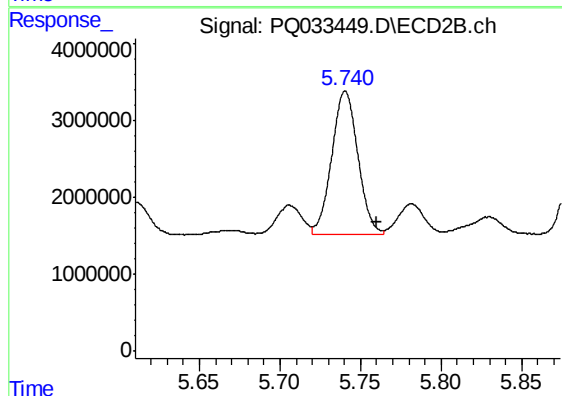
#19 AR-1242-4

R.T.: 5.247 min
Delta R.T.: 0.012 min
Response: 5721917
Conc: 155.35 ng/ml



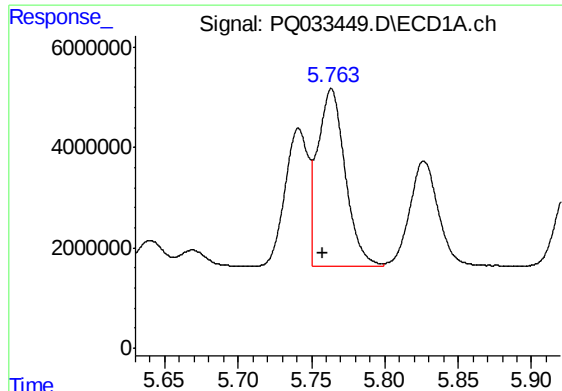
#20 AR-1242-5

R.T.: 6.664 min
Delta R.T.: -0.018 min
Response: 6693918
Conc: 135.79 ng/ml



#20 AR-1242-5

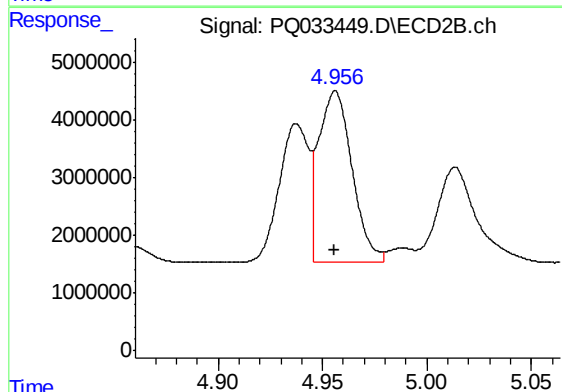
R.T.: 5.741 min
Delta R.T.: -0.019 min
Response: 21173482
Conc: 440.75 ng/ml



#21 AR-1248-1

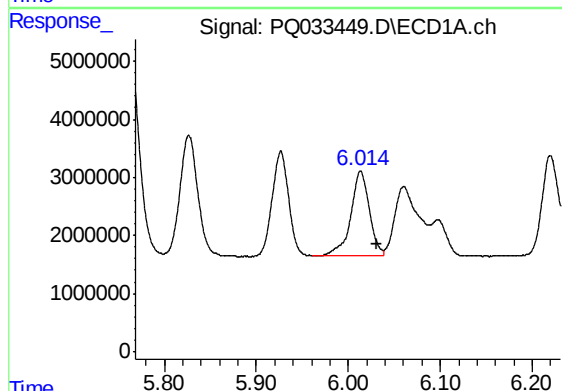
R.T.: 5.764 min
Delta R.T.: 0.006 min
Response: 46036877
Conc: 928.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



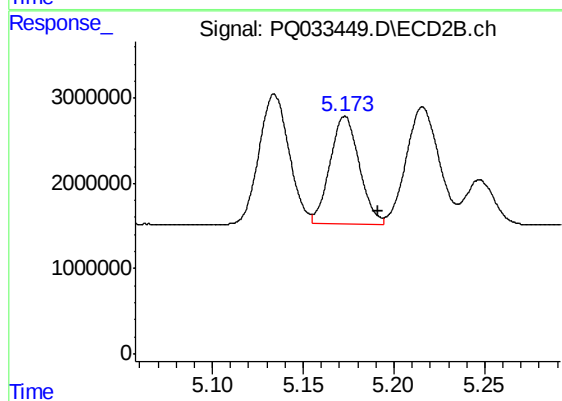
#21 AR-1248-1

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 33665767
Conc: 821.52 ng/ml



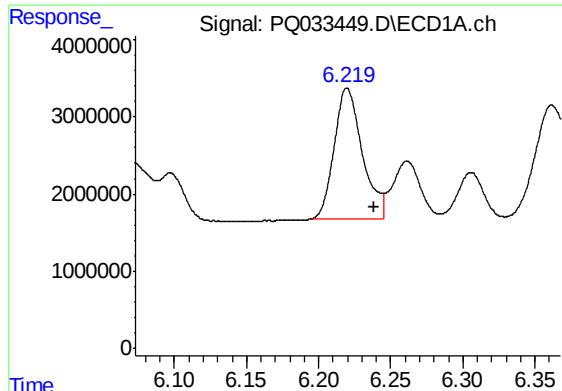
#22 AR-1248-2

R.T.: 6.014 min
Delta R.T.: -0.017 min
Response: 20799387
Conc: 282.78 ng/ml



#22 AR-1248-2

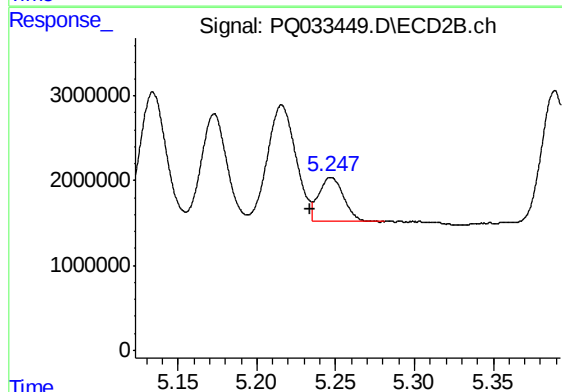
R.T.: 5.173 min
Delta R.T.: -0.018 min
Response: 14212315
Conc: 258.69 ng/ml



#23 AR-1248-3

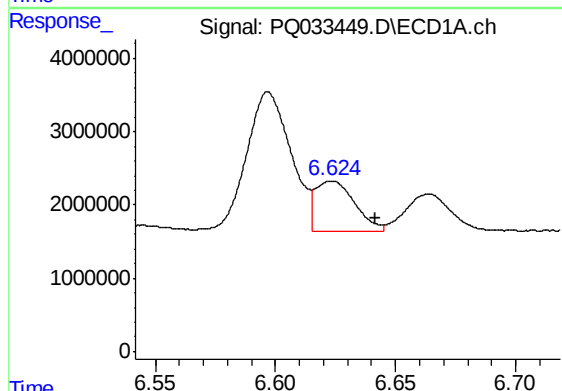
R.T.: 6.220 min
Delta R.T.: -0.019 min
Response: 23069110
Conc: 282.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



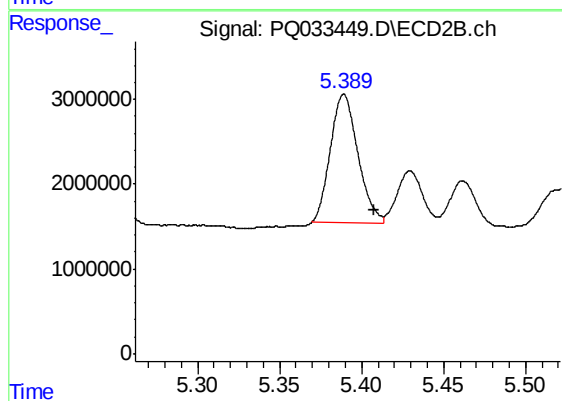
#23 AR-1248-3

R.T.: 5.247 min
Delta R.T.: 0.013 min
Response: 5721917
Conc: 102.17 ng/ml



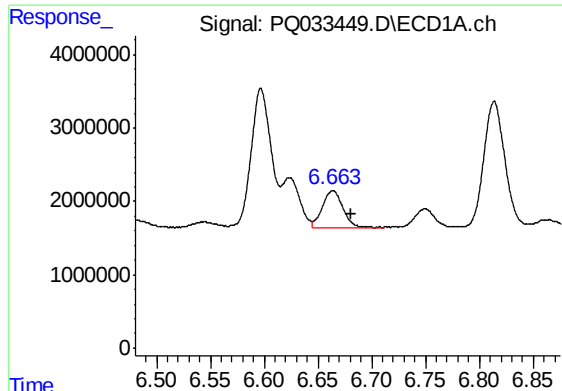
#24 AR-1248-4

R.T.: 6.624 min
Delta R.T.: -0.018 min
Response: 7715236
Conc: 82.36 ng/ml



#24 AR-1248-4

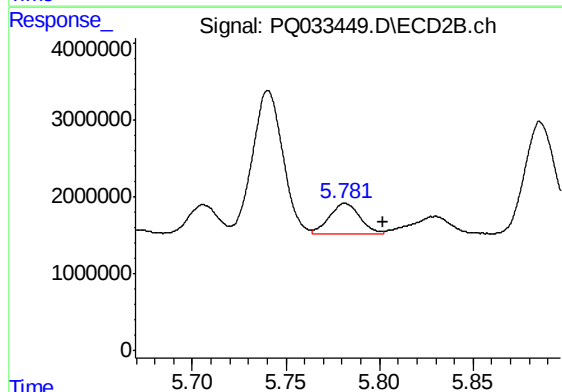
R.T.: 5.389 min
Delta R.T.: -0.019 min
Response: 17803683
Conc: 258.14 ng/ml



#25 AR-1248-5

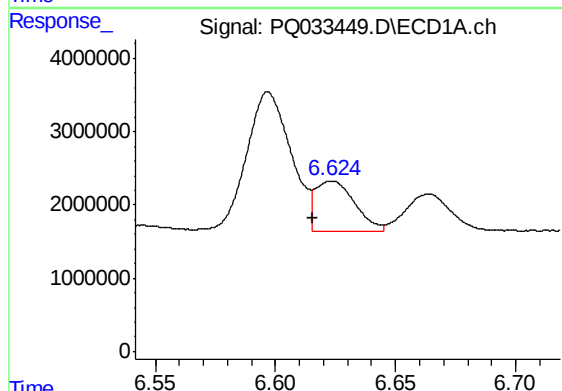
R.T.: 6.664 min
Delta R.T.: -0.016 min
Response: 6693918
Conc: 75.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



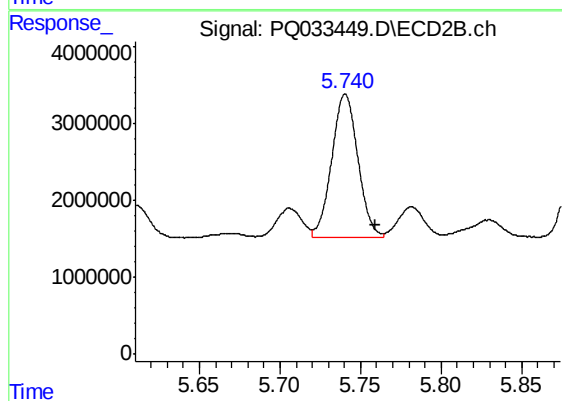
#25 AR-1248-5

R.T.: 5.782 min
Delta R.T.: -0.020 min
Response: 4570869
Conc: 66.12 ng/ml



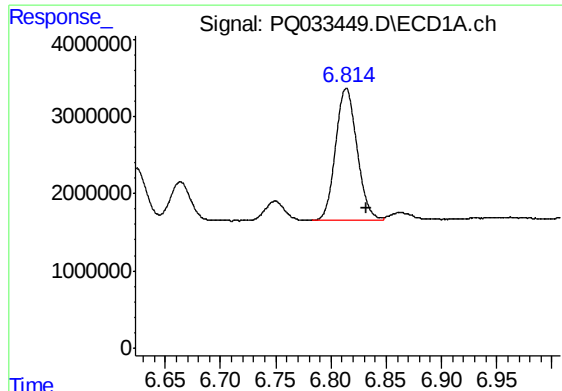
#26 AR-1254-1

R.T.: 6.624 min
Delta R.T.: 0.008 min
Response: 7715236
Conc: 77.85 ng/ml



#26 AR-1254-1

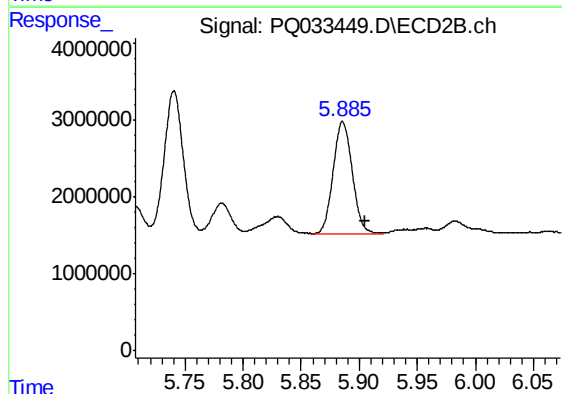
R.T.: 5.741 min
Delta R.T.: -0.019 min
Response: 21173482
Conc: 187.94 ng/ml



#27 AR-1254-2

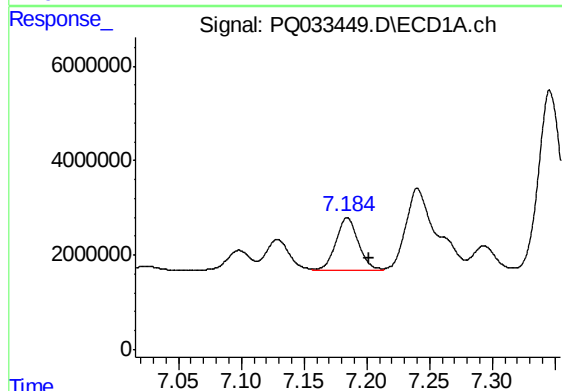
R.T.: 6.814 min
Delta R.T.: -0.019 min
Response: 23105101
Conc: 147.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



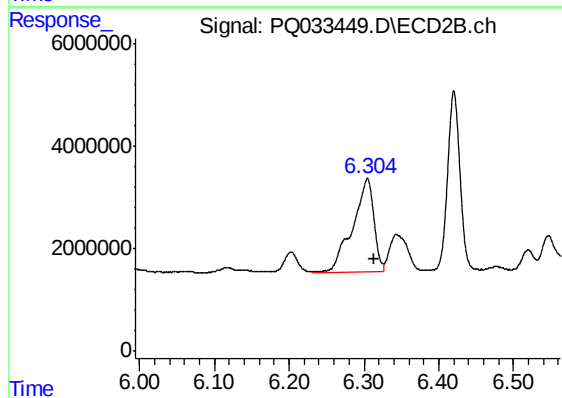
#27 AR-1254-2

R.T.: 5.886 min
Delta R.T.: -0.019 min
Response: 16634763
Conc: 168.46 ng/ml



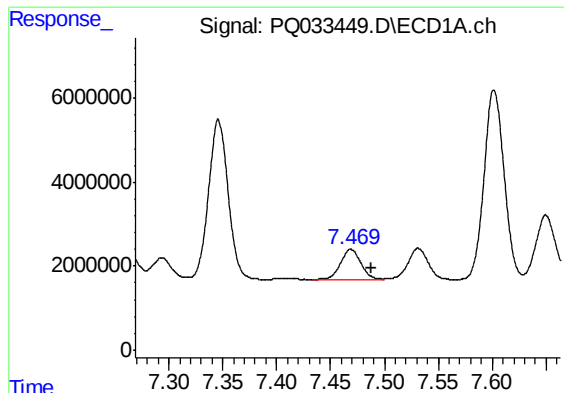
#28 AR-1254-3

R.T.: 7.185 min
Delta R.T.: -0.017 min
Response: 14102115
Conc: 83.11 ng/ml



#28 AR-1254-3

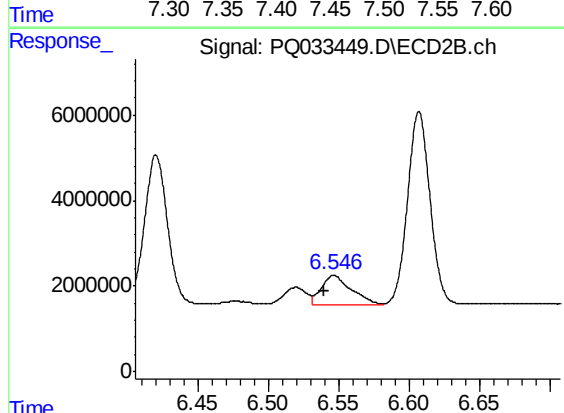
R.T.: 6.305 min
Delta R.T.: -0.009 min
Response: 35647783
Conc: 214.50 ng/ml



#29 AR-1254-4

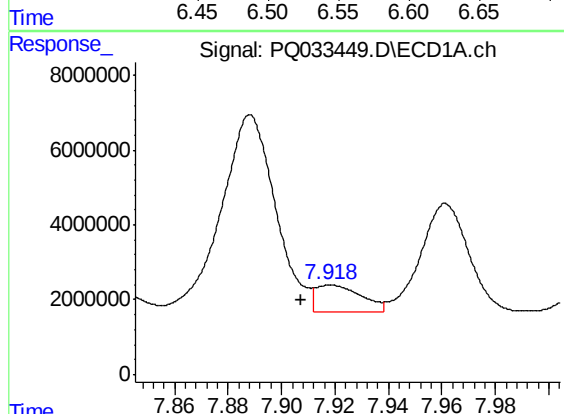
R.T.: 7.469 min
Delta R.T.: -0.019 min
Response: 9729211
Conc: 78.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



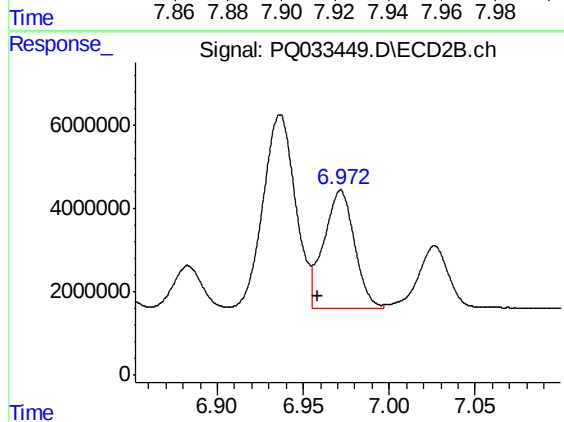
#29 AR-1254-4

R.T.: 6.547 min
Delta R.T.: 0.007 min
Response: 9991211
Conc: 93.91 ng/ml



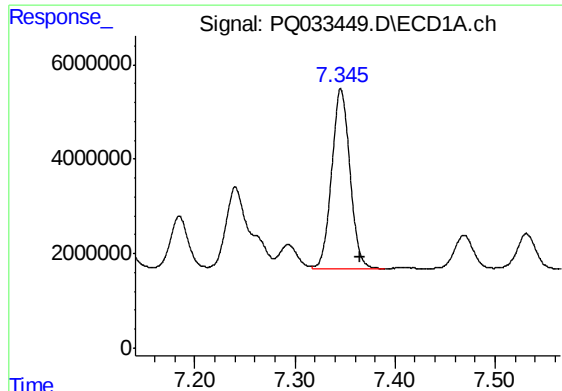
#30 AR-1254-5

R.T.: 7.918 min
Delta R.T.: 0.011 min
Response: 8624972
Conc: 65.15 ng/ml



#30 AR-1254-5

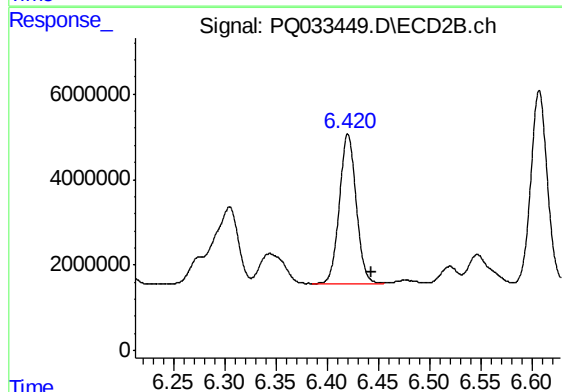
R.T.: 6.972 min
Delta R.T.: 0.013 min
Response: 35372526
Conc: 240.82 ng/ml



#31 AR-1260-1

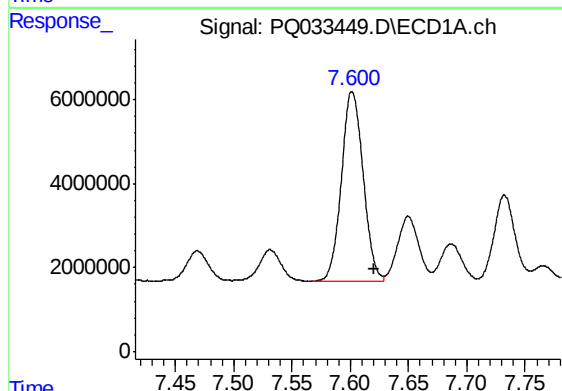
R.T.: 7.346 min
Delta R.T.: -0.020 min
Response: 48503897
Conc: 453.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



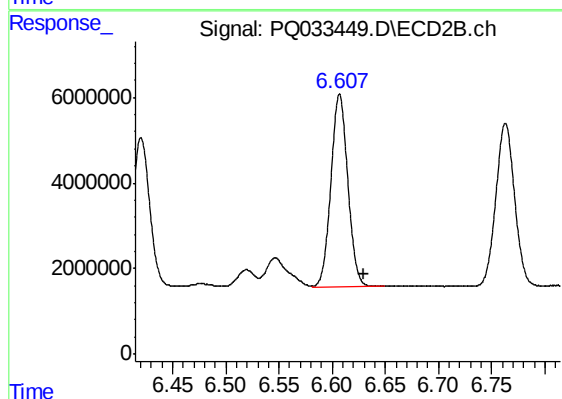
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: -0.023 min
Response: 40549870
Conc: 431.73 ng/ml



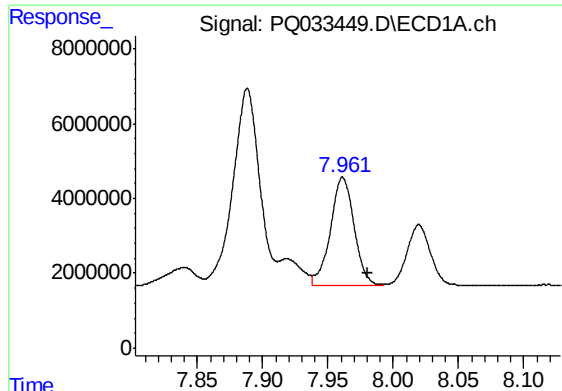
#32 AR-1260-2

R.T.: 7.602 min
Delta R.T.: -0.019 min
Response: 58824202
Conc: 465.84 ng/ml



#32 AR-1260-2

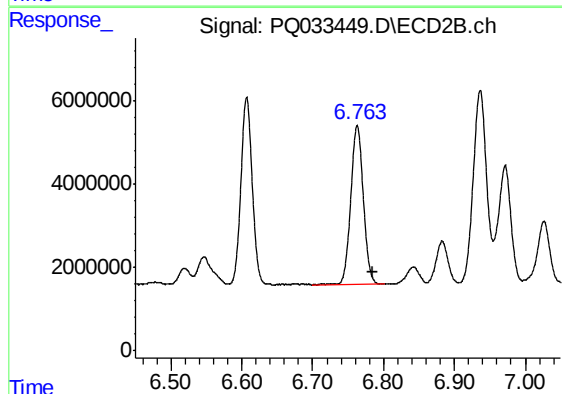
R.T.: 6.607 min
Delta R.T.: -0.023 min
Response: 49885856
Conc: 428.17 ng/ml



#33 AR-1260-3

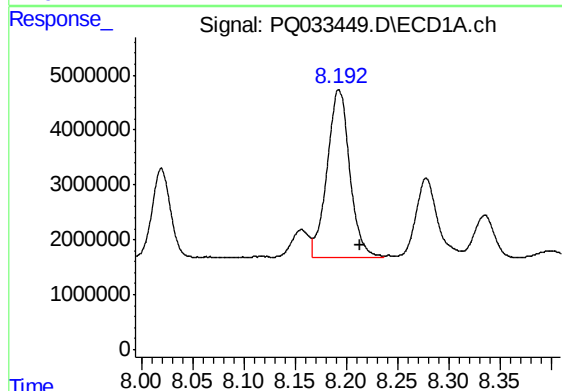
R.T.: 7.961 min
Delta R.T.: -0.019 min
Response: 36522523
Conc: 468.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



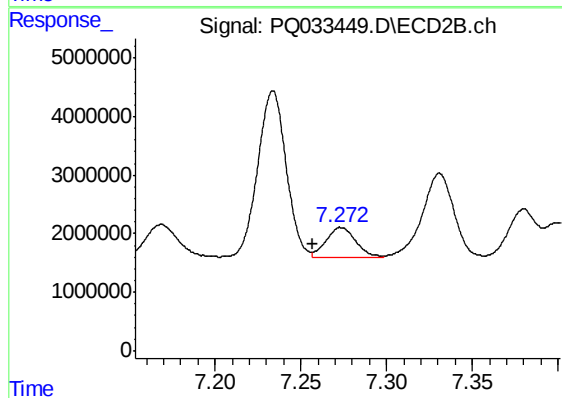
#33 AR-1260-3

R.T.: 6.763 min
Delta R.T.: -0.022 min
Response: 47069166
Conc: 436.46 ng/ml



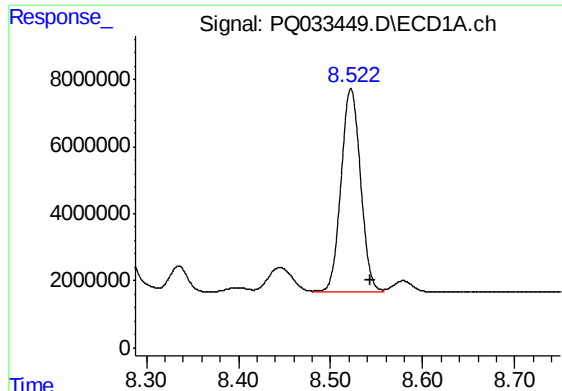
#34 AR-1260-4

R.T.: 8.193 min
Delta R.T.: -0.020 min
Response: 47163150
Conc: 465.91 ng/ml



#34 AR-1260-4

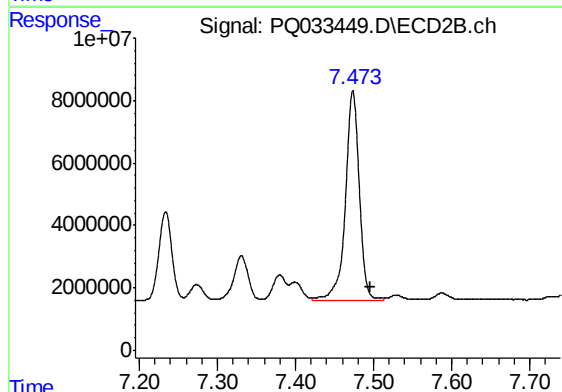
R.T.: 7.274 min
Delta R.T.: 0.017 min
Response: 6130020
Conc: 79.75 ng/ml



#35 AR-1260-5

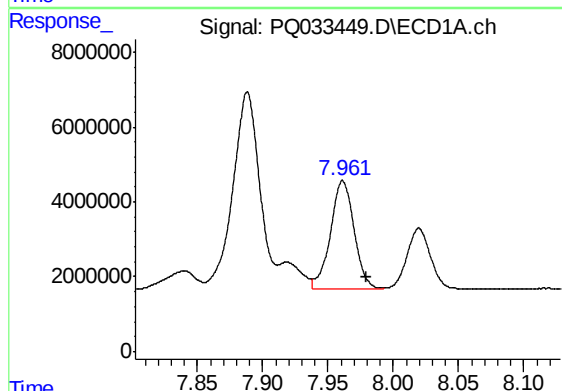
R.T.: 8.522 min
Delta R.T.: -0.022 min
Response: 89044139
Conc: 471.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



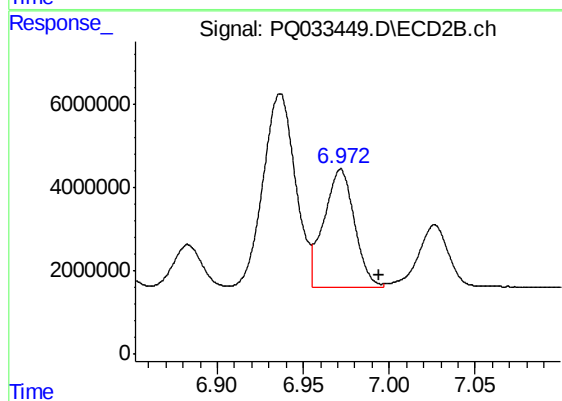
#35 AR-1260-5

R.T.: 7.474 min
Delta R.T.: -0.023 min
Response: 83211566
Conc: 433.13 ng/ml



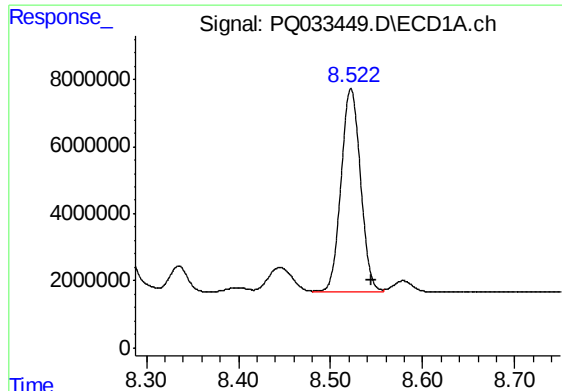
#36 AR-1262-1

R.T.: 7.961 min
Delta R.T.: -0.018 min
Response: 36522523
Conc: 270.96 ng/ml



#36 AR-1262-1

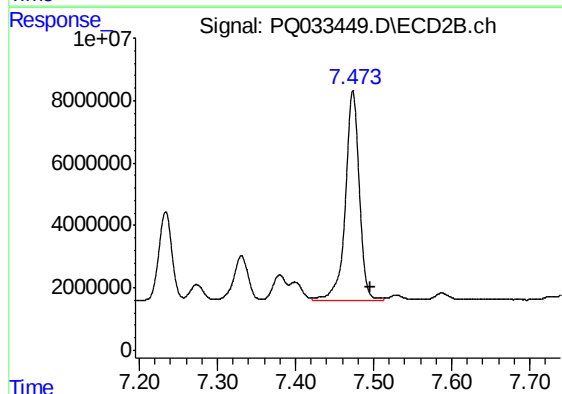
R.T.: 6.972 min
Delta R.T.: -0.023 min
Response: 35372526
Conc: 275.24 ng/ml



#37 AR-1262-2

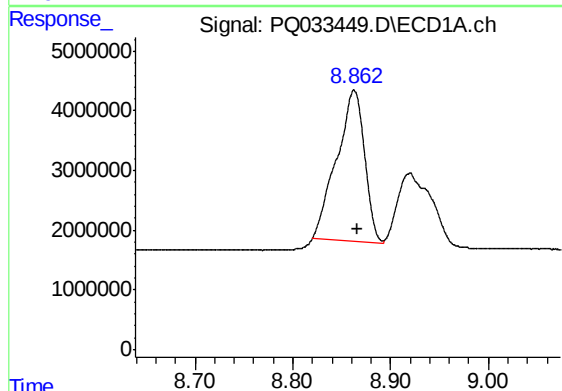
R.T.: 8.522 min
Delta R.T.: -0.022 min
Response: 89044139
Conc: 360.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



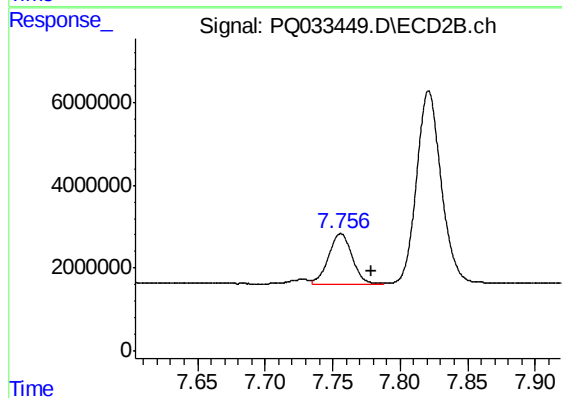
#37 AR-1262-2

R.T.: 7.474 min
Delta R.T.: -0.022 min
Response: 83211566
Conc: 347.39 ng/ml



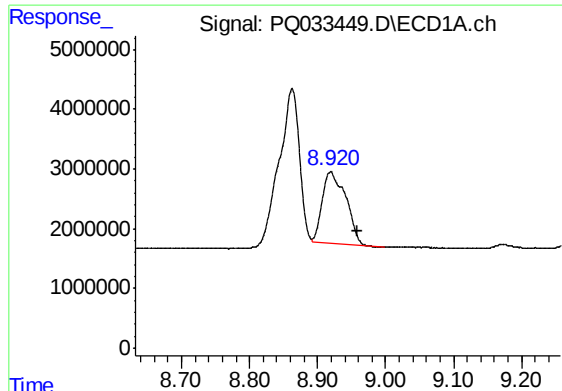
#38 AR-1262-3

R.T.: 8.863 min
Delta R.T.: -0.003 min
Response: 50336453
Conc: 304.32 ng/ml



#38 AR-1262-3

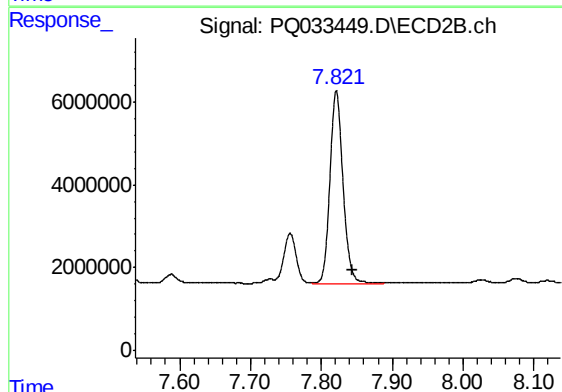
R.T.: 7.756 min
Delta R.T.: -0.022 min
Response: 14845735
Conc: 159.38 ng/ml



#39 AR-1262-4

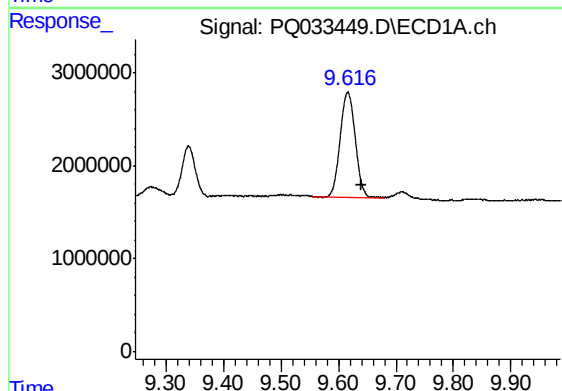
R.T.: 8.919 min
Delta R.T.: -0.039 min
Response: 28829275
Conc: 423.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



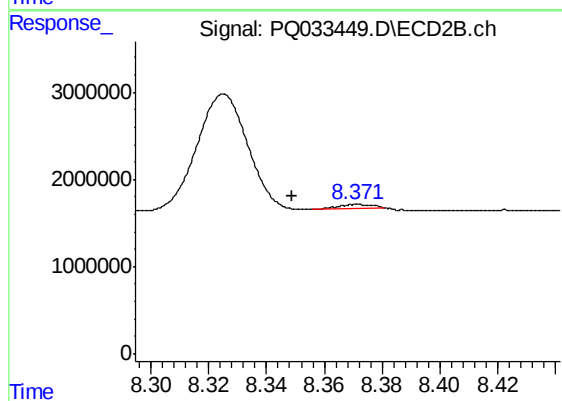
#39 AR-1262-4

R.T.: 7.821 min
Delta R.T.: -0.023 min
Response: 59781822
Conc: 343.39 ng/ml



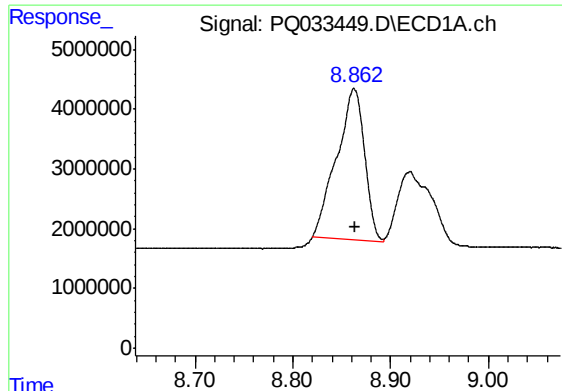
#40 AR-1262-5

R.T.: 9.616 min
Delta R.T.: -0.024 min
Response: 20836292
Conc: 238.16 ng/ml



#40 AR-1262-5

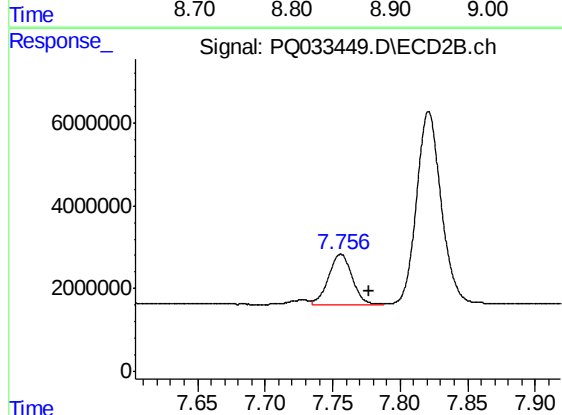
R.T.: 8.372 min
Delta R.T.: 0.023 min
Response: 51761
Conc: 0.64 ng/ml



#41 AR-1268-1

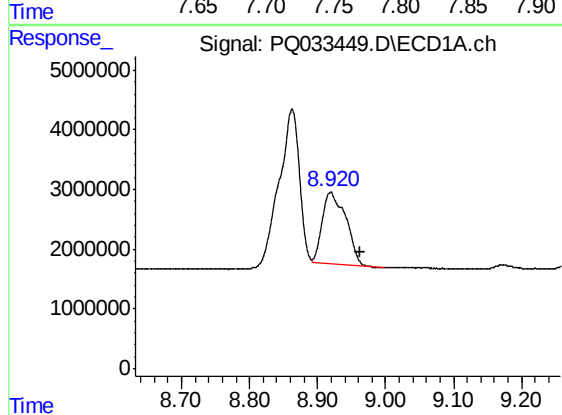
R.T.: 8.863 min
Delta R.T.: -0.001 min
Response: 50336453
Conc: 137.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



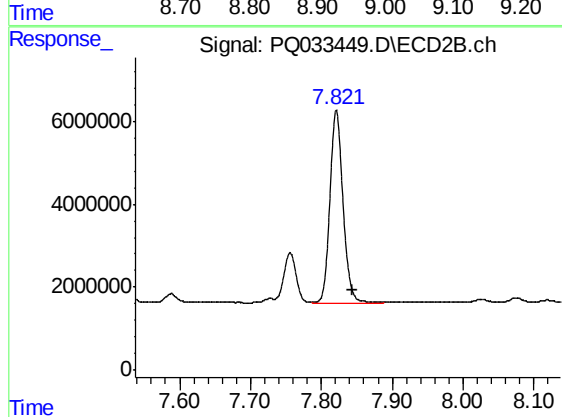
#41 AR-1268-1

R.T.: 7.756 min
Delta R.T.: -0.021 min
Response: 14845735
Conc: 43.42 ng/ml



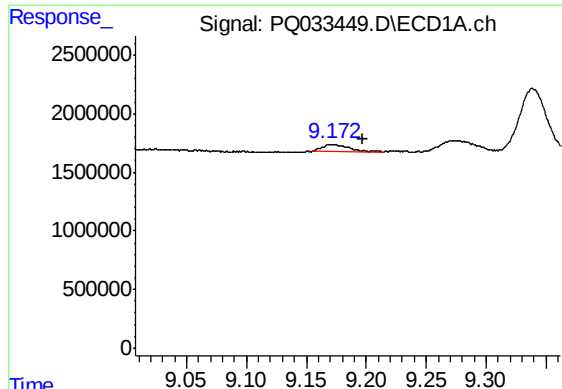
#42 AR-1268-2

R.T.: 8.919 min
Delta R.T.: -0.042 min
Response: 28829275
Conc: 86.50 ng/ml



#42 AR-1268-2

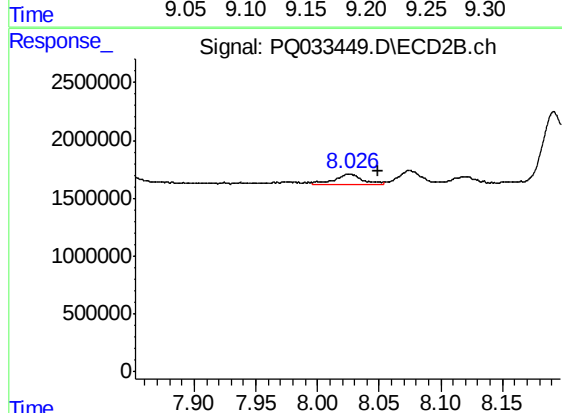
R.T.: 7.821 min
Delta R.T.: -0.022 min
Response: 59781822
Conc: 193.46 ng/ml



#43 AR-1268-3

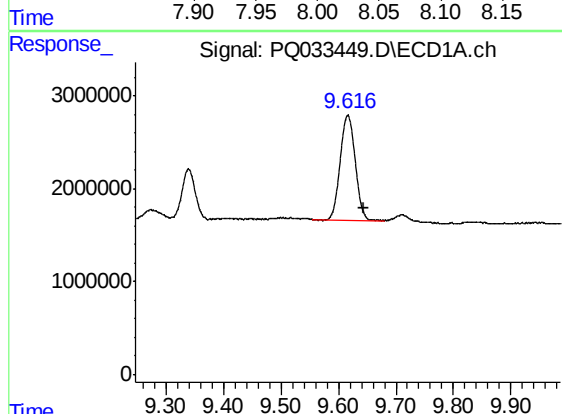
R.T.: 9.172 min
Delta R.T.: -0.026 min
Response: 873429
Conc: 3.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



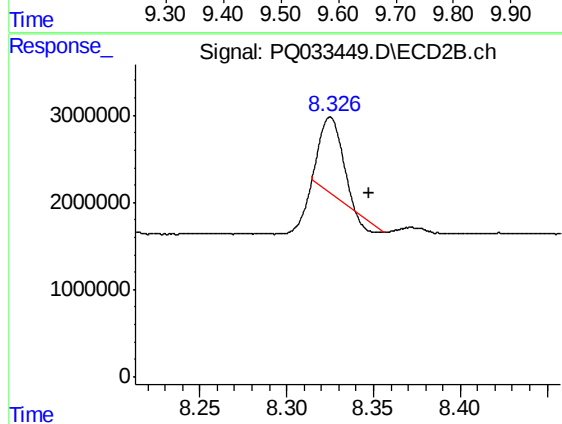
#43 AR-1268-3

R.T.: 8.027 min
Delta R.T.: -0.023 min
Response: 1314645
Conc: 5.14 ng/ml



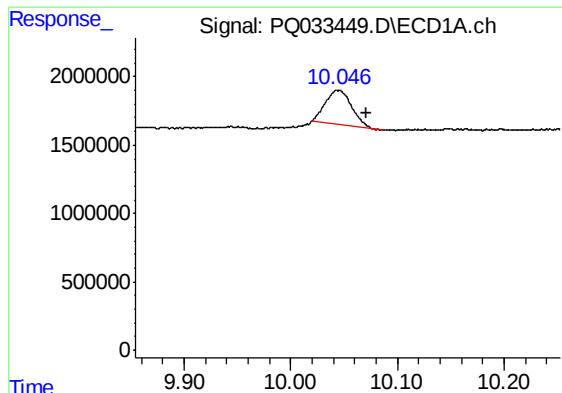
#44 AR-1268-4

R.T.: 9.616 min
Delta R.T.: -0.027 min
Response: 20836292
Conc: 172.46 ng/ml



#44 AR-1268-4

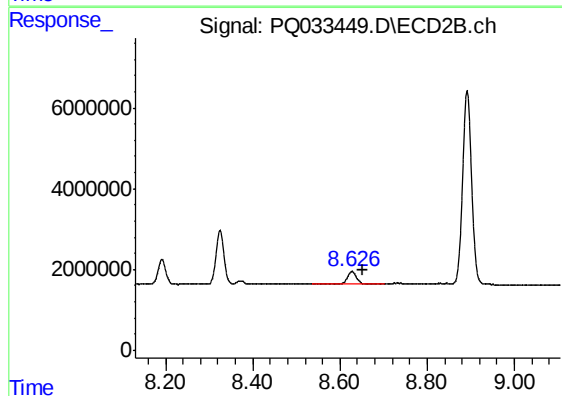
R.T.: 8.325 min
Delta R.T.: -0.023 min
Response: 7069831
Conc: 64.09 ng/ml



#45 AR-1268-5

R.T.: 10.044 min
Delta R.T.: -0.027 min
Response: 4224001
Conc: 4.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660338



#45 AR-1268-5

R.T.: 8.628 min
Delta R.T.: -0.026 min
Response: 4170474
Conc: 4.99 ng/ml