

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121119\
 Data File : PQ045782.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2019 00:45
 Operator : SM\AJ
 Sample : K6247-04MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 02:47:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 11 11:57:47 2019
 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...	5.240	4.370	37390166	40544887	23.278	23.731
2)	SA Decachlor...	11.402	9.810	159.5E6	114.5E6	21.479	19.699
Target Compounds							
3)	L1 AR-1016-1	6.554	5.651	18025032	17664040	248.327	247.614
4)	L1 AR-1016-2	6.578	5.672	27951285	29711549	237.179	257.090
5)	L1 AR-1016-3	6.645	5.869	17038548	13660877	242.547	235.693
6)	L1 AR-1016-4	6.751	5.915	13606456	12858258	234.478	238.561
7)	L1 AR-1016-5	7.067	6.150	15583868	15541926	233.239	220.668
8)	L2 AR-1221-1	5.486	0.000	1444046	0	82.514	N.D. #
9)	L2 AR-1221-2	5.585	4.735	2364682	2626025	187.965	196.198
10)	L2 AR-1221-3	5.670	4.827	7136102	8936368	166.729	197.301
11)	L3 AR-1232-1	5.670	4.827	7136102	8936368	120.321	133.030
12)	L3 AR-1232-2	6.260	5.672	13607265	29711549	392.404	344.567
13)	L3 AR-1232-3	6.578	5.869	27951285	13660877	341.361	341.598
14)	L3 AR-1232-4	6.751	5.961	13606456	15711931	339.006	375.975
15)	L3 AR-1232-5	6.849	6.150	13249308	15541926	405.808	344.639
16)	L4 AR-1242-1	6.554	5.651	18025032	17664040	322.224	326.201
17)	L4 AR-1242-2	6.578	5.672	27951285	29711549	314.770	345.394
18)	L4 AR-1242-3	6.645	5.869	17038548	13660877	324.933	315.454
19)	L4 AR-1242-4	6.751	5.961	13606456	15711931	312.979	311.903
20)	L4 AR-1242-5	7.535	6.533	5452904	12720139	71.056	183.409 #
21)	L5 AR-1248-1	6.554	5.651	18025032	17664040	392.857	399.847
22)	L5 AR-1248-2	6.849	5.915	13249308	12858258	177.443	178.030
23)	L5 AR-1248-3	7.067	5.961	15583868	15711931	178.266	205.678
24)	L5 AR-1248-4	7.493	6.150	4144941	15541926	35.284	175.776 #
25)	L5 AR-1248-5	7.535	6.577	5452904	1855554	47.137	19.677 #
26)	L6 AR-1254-1	7.465	6.533	12593434	12720139	97.127	75.339
27)	L6 AR-1254-2	7.693	6.690	24979870	12931520	114.037	81.903 #
28)	L6 AR-1254-3	8.079	7.133	12285205	42030939	49.683	154.040 #
29)	L6 AR-1254-4	8.370	7.357	15577374	8110968	75.822	47.364 #
30)	L6 AR-1254-5	8.799	7.790	66272641	55235483	280.031	198.896 #
31)	L7 AR-1260-1	8.243	7.255	49319183	42861186	286.842	264.950
32)	L7 AR-1260-2	8.508	7.448	58012334	48597813	260.437	240.039
33)	L7 AR-1260-3	8.876	7.612	46563973	44091339	233.851	227.724
34)	L7 AR-1260-4	9.116	8.098	53811280	38972573	241.022	207.574
35)	L7 AR-1260-5	9.458	8.342	118.2E6	105.7E6	229.765	215.224
36)	L8 AR-1262-1	8.876	7.790	46563973	55235483	139.380	377.452 #
37)	L8 AR-1262-2	9.458	8.342	118.2E6	105.7E6	176.646	164.215
38)	L8 AR-1262-3	9.808	8.633	79221123	25931638	160.897	98.893 #
39)	L8 AR-1262-4	9.884	8.699	23616073	81582906	52.727	157.846 #
40)	L8 AR-1262-5	10.593	9.216	48500422	35136651	149.932	135.006
41)	L9 AR-1268-1	9.808	8.633	79221123	25931638	99.138	37.388 #

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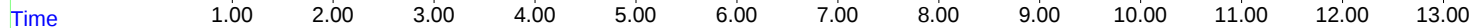
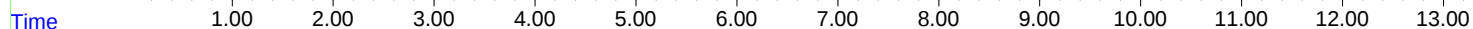
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

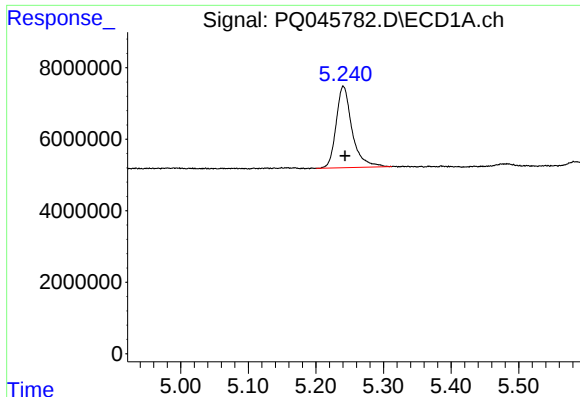
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.884	8.699	23616073	81582906	28.021	113.016 #
44) L9	AR-1268-4	10.593	9.216	48500422	35136651	151.130	133.264
45) L9	AR-1268-5	11.038	9.531	14070502	9856793	5.078	4.386

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

Instrument :
ECD_Q
ClientSampleId :

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

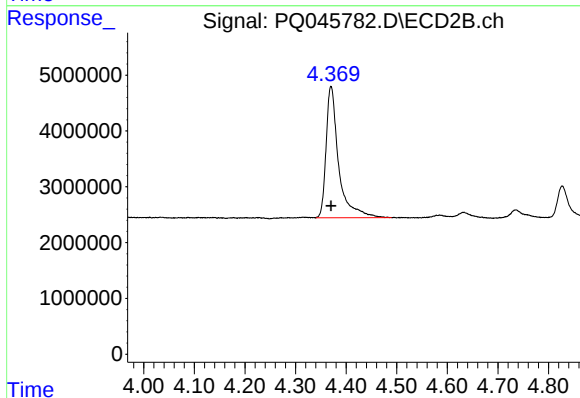




#1 Tetrachloro-m-xylene

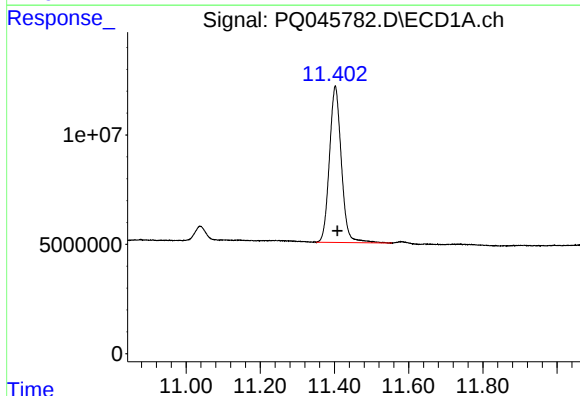
R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 37390166
Conc: 23.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



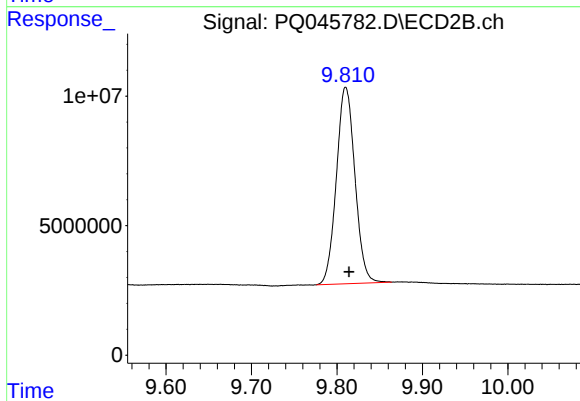
#1 Tetrachloro-m-xylene

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 40544887
Conc: 23.73 ng/ml



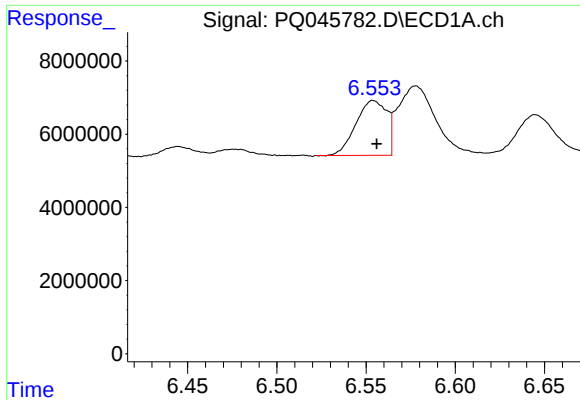
#2 Decachlorobiphenyl

R.T.: 11.402 min
Delta R.T.: -0.005 min
Response: 159522308
Conc: 21.48 ng/ml



#2 Decachlorobiphenyl

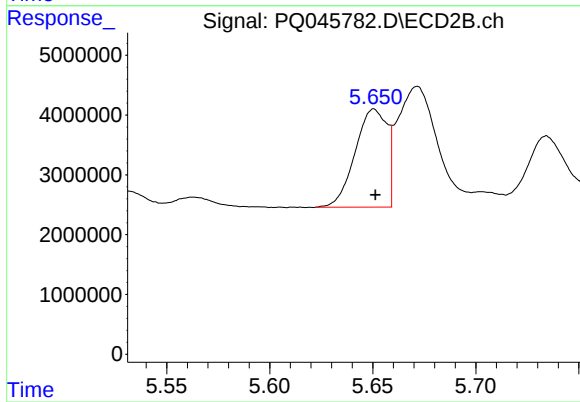
R.T.: 9.810 min
Delta R.T.: -0.004 min
Response: 114481854
Conc: 19.70 ng/ml



#3 AR-1016-1

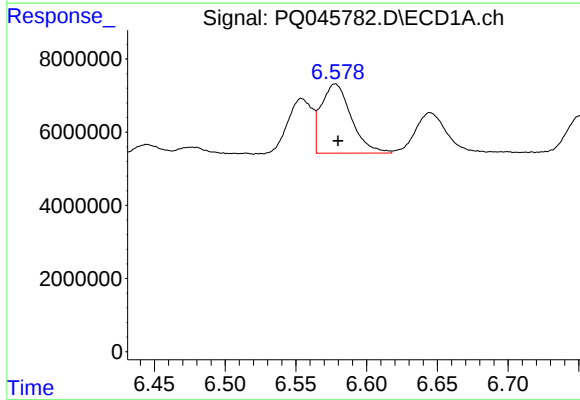
R.T.: 6.554 min
Delta R.T.: -0.002 min
Response: 18025032
Conc: 248.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



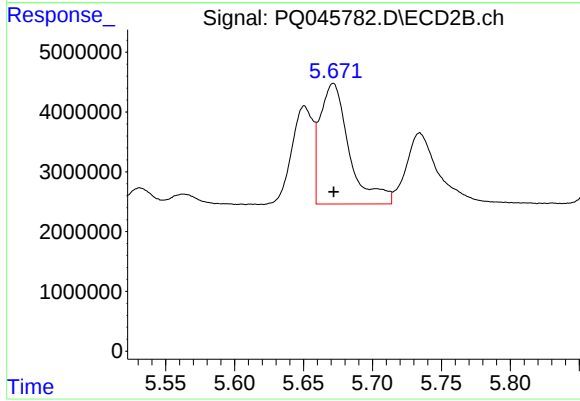
#3 AR-1016-1

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 17664040
Conc: 247.61 ng/ml



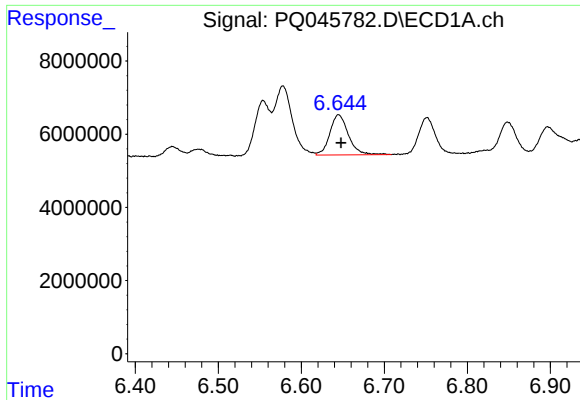
#4 AR-1016-2

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 27951285
Conc: 237.18 ng/ml



#4 AR-1016-2

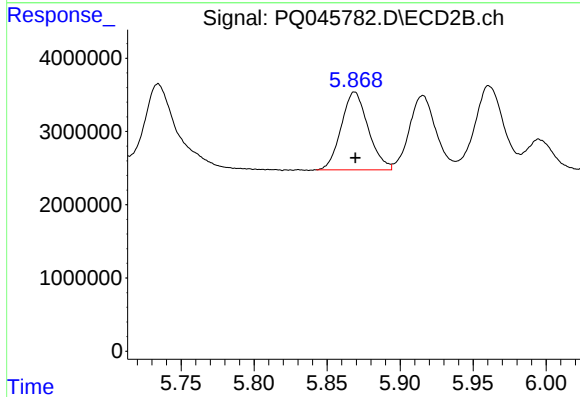
R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 29711549
Conc: 257.09 ng/ml



#5 AR-1016-3

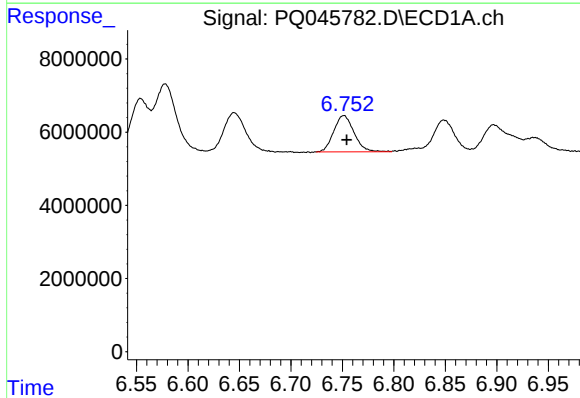
R.T.: 6.645 min
Delta R.T.: -0.003 min
Response: 17038548
Conc: 242.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



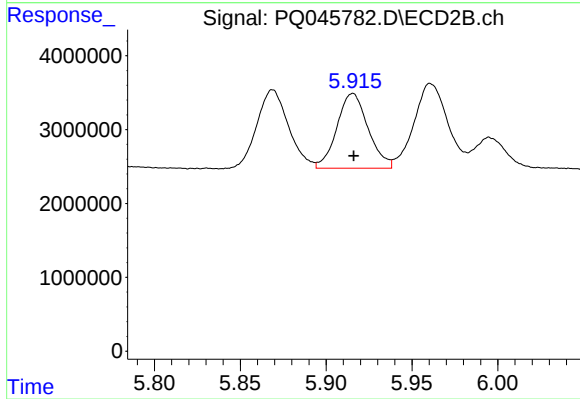
#5 AR-1016-3

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 13660877
Conc: 235.69 ng/ml



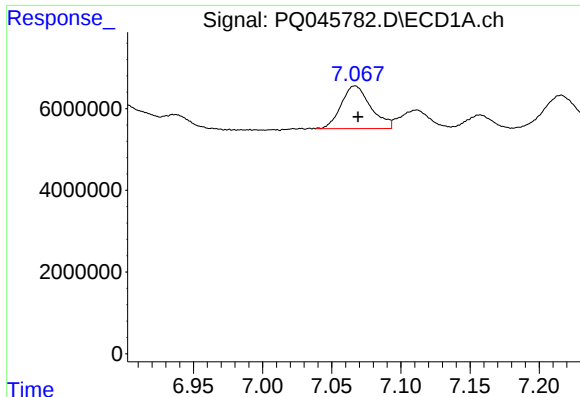
#6 AR-1016-4

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 13606456
Conc: 234.48 ng/ml



#6 AR-1016-4

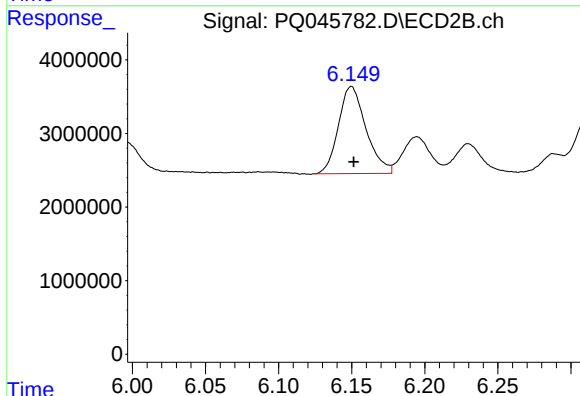
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 12858258
Conc: 238.56 ng/ml



#7 AR-1016-5

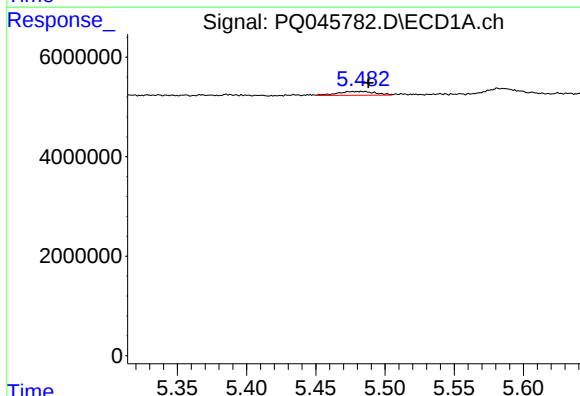
R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 15583868
Conc: 233.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



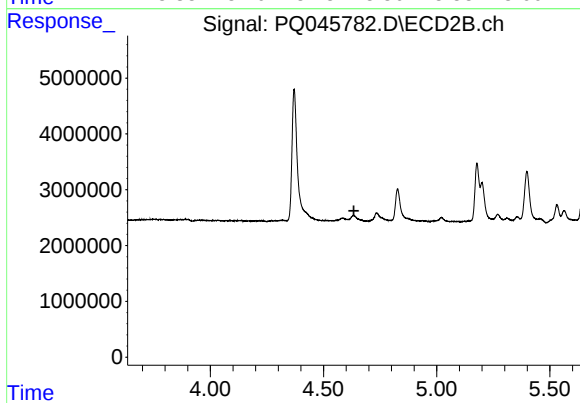
#7 AR-1016-5

R.T.: 6.150 min
Delta R.T.: -0.002 min
Response: 15541926
Conc: 220.67 ng/ml



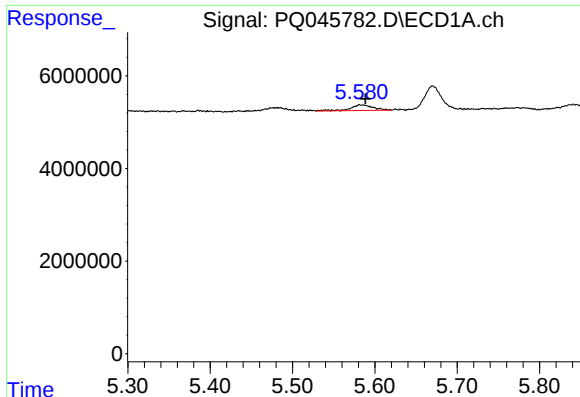
#8 AR-1221-1

R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 1444046
Conc: 82.51 ng/ml



#8 AR-1221-1

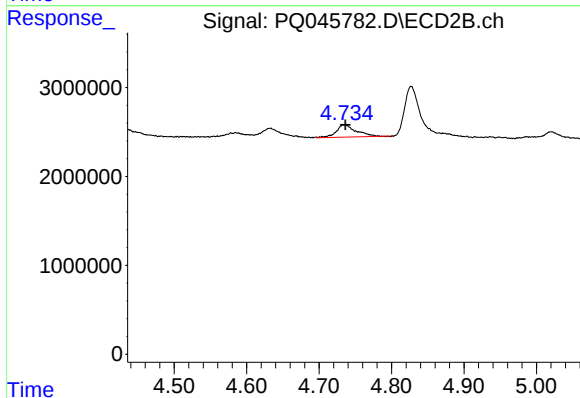
R.T.: 0.000 min
Exp R.T.: 4.634 min
Response: 0
Conc: N.D.



#9 AR-1221-2

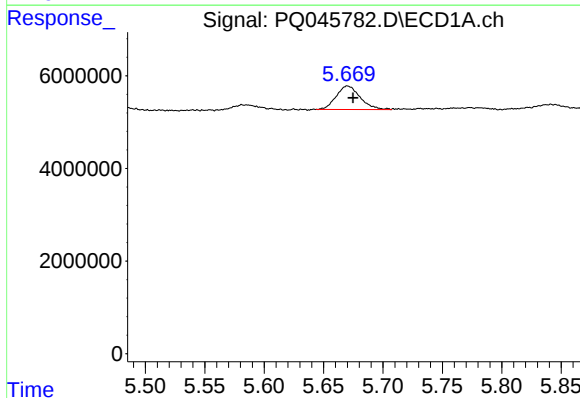
R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 2364682
Conc: 187.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



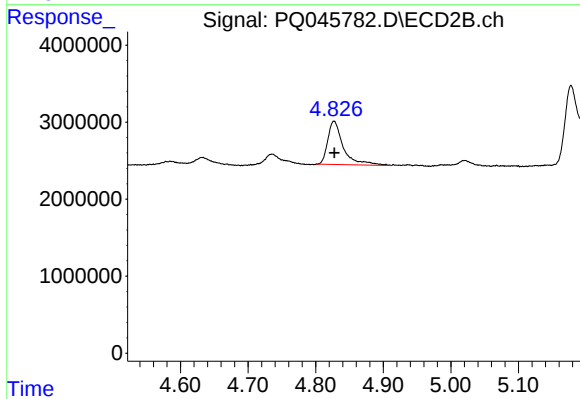
#9 AR-1221-2

R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 2626025
Conc: 196.20 ng/ml



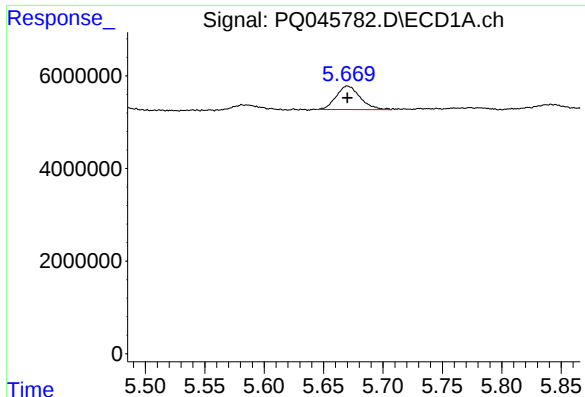
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 7136102
Conc: 166.73 ng/ml



#10 AR-1221-3

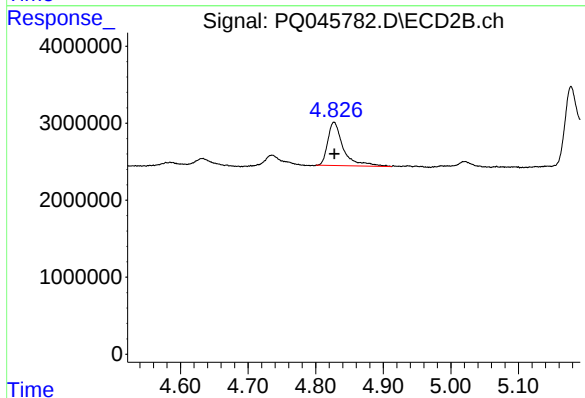
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 8936368
Conc: 197.30 ng/ml



#11 AR-1232-1

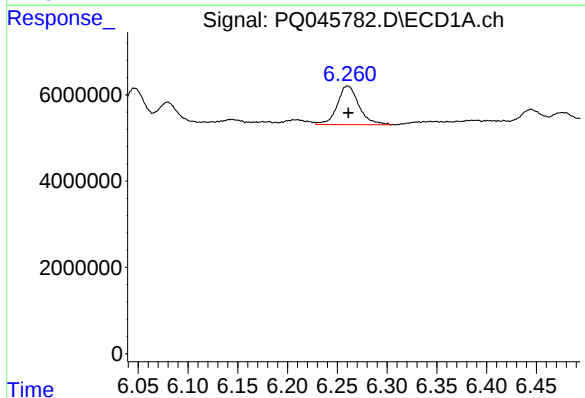
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 7136102
Conc: 120.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



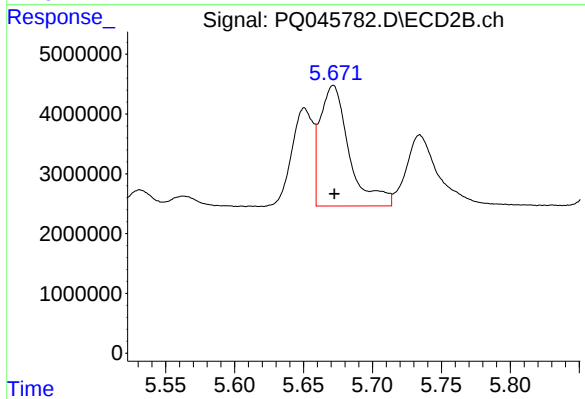
#11 AR-1232-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 8936368
Conc: 133.03 ng/ml



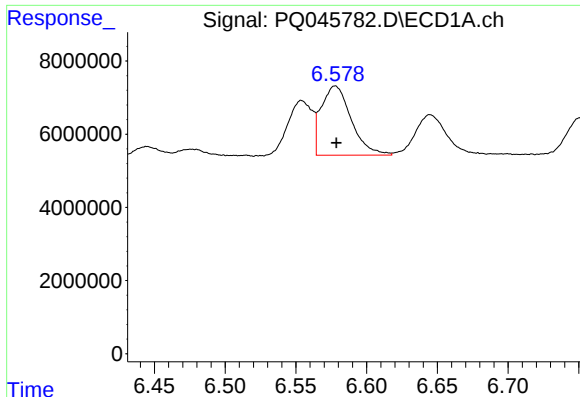
#12 AR-1232-2

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 13607265
Conc: 392.40 ng/ml



#12 AR-1232-2

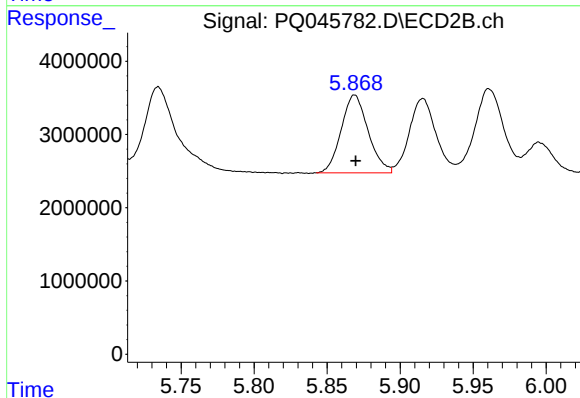
R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 29711549
Conc: 344.57 ng/ml



#13 AR-1232-3

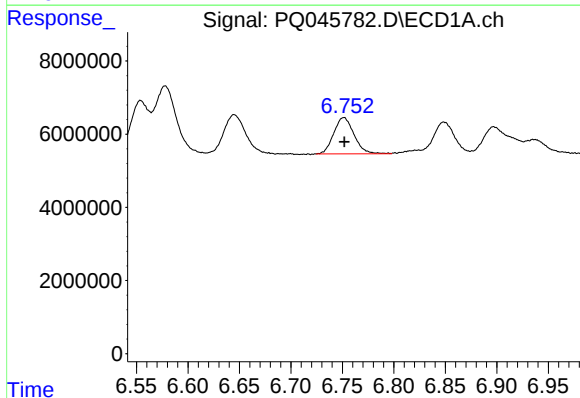
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 27951285
Conc: 341.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



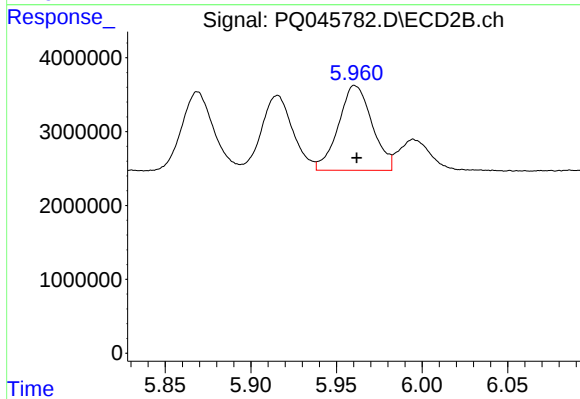
#13 AR-1232-3

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 13660877
Conc: 341.60 ng/ml



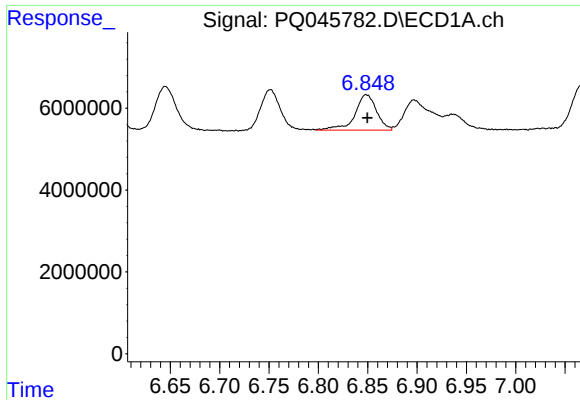
#14 AR-1232-4

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 13606456
Conc: 339.01 ng/ml



#14 AR-1232-4

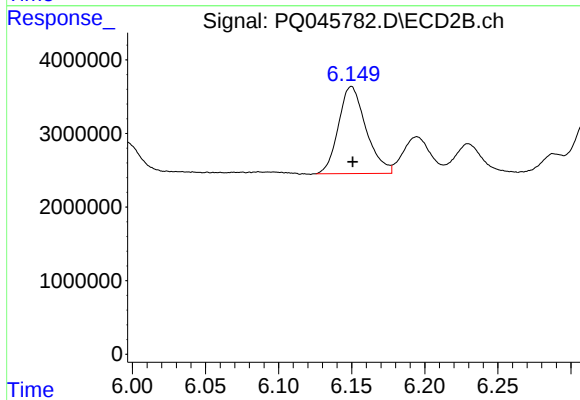
R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 15711931
Conc: 375.98 ng/ml



#15 AR-1232-5

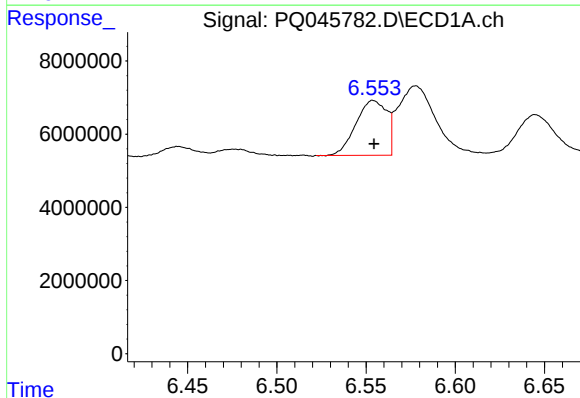
R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 13249308
Conc: 405.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



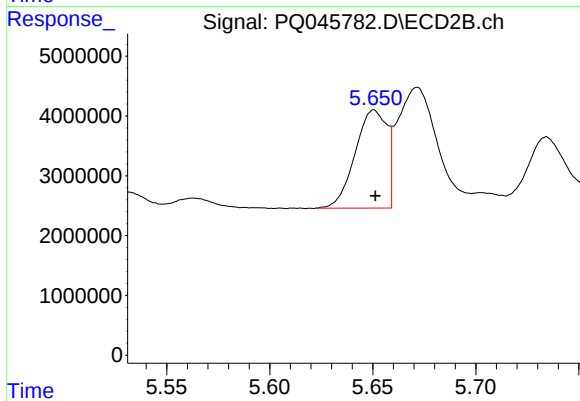
#15 AR-1232-5

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 15541926
Conc: 344.64 ng/ml



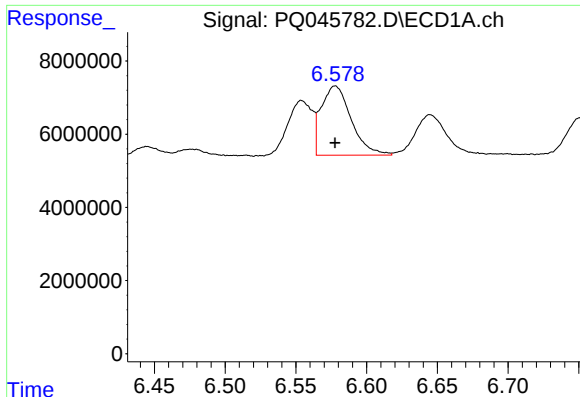
#16 AR-1242-1

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 18025032
Conc: 322.22 ng/ml



#16 AR-1242-1

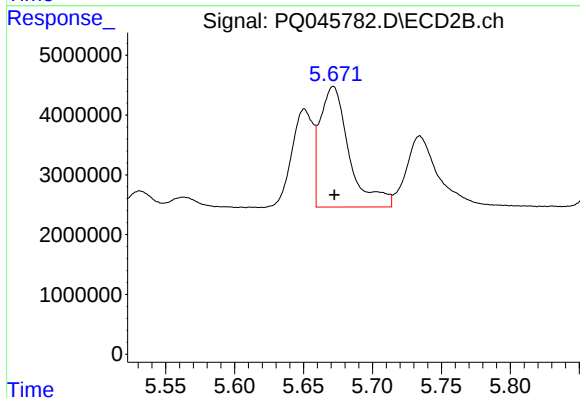
R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 17664040
Conc: 326.20 ng/ml



#17 AR-1242-2

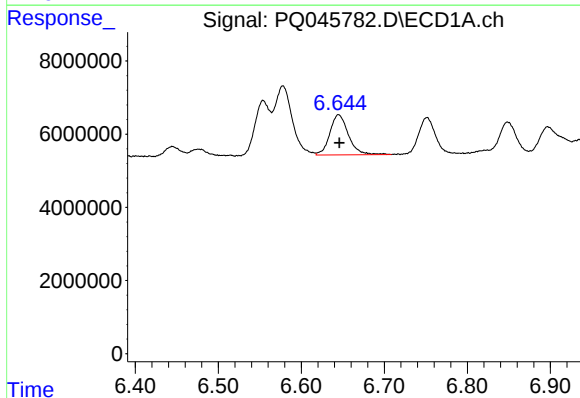
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 27951285
Conc: 314.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



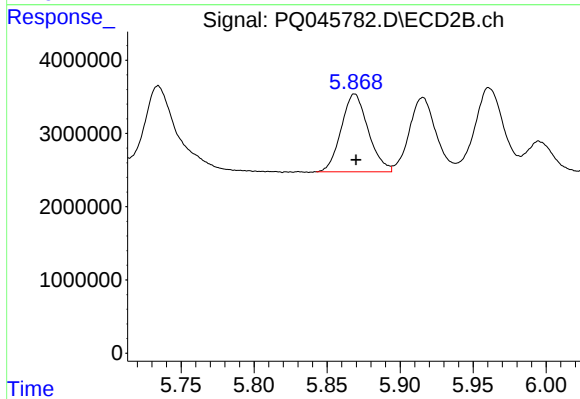
#17 AR-1242-2

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 29711549
Conc: 345.39 ng/ml



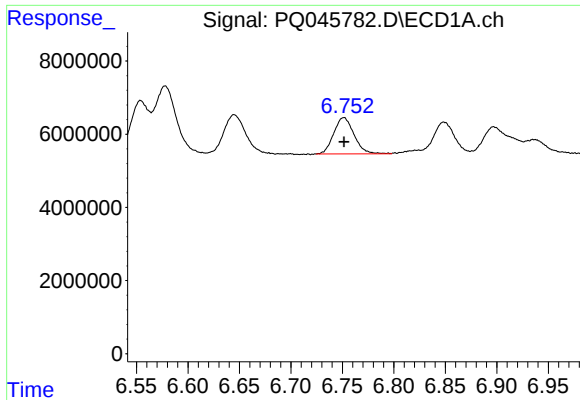
#18 AR-1242-3

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 17038548
Conc: 324.93 ng/ml



#18 AR-1242-3

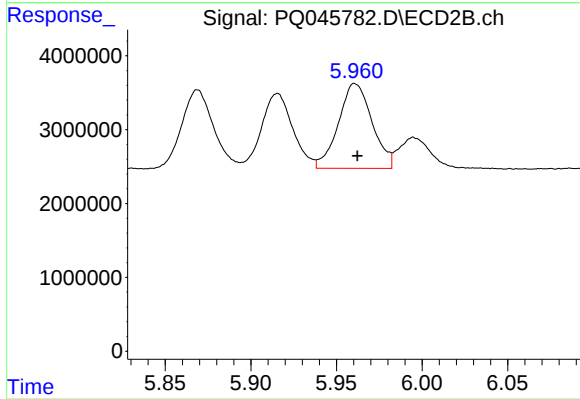
R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 13660877
Conc: 315.45 ng/ml



#19 AR-1242-4

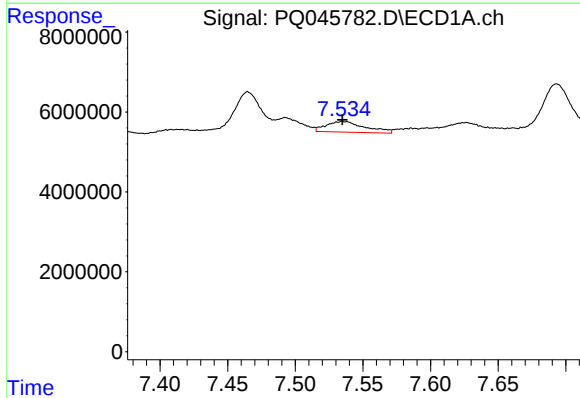
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 13606456
Conc: 312.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



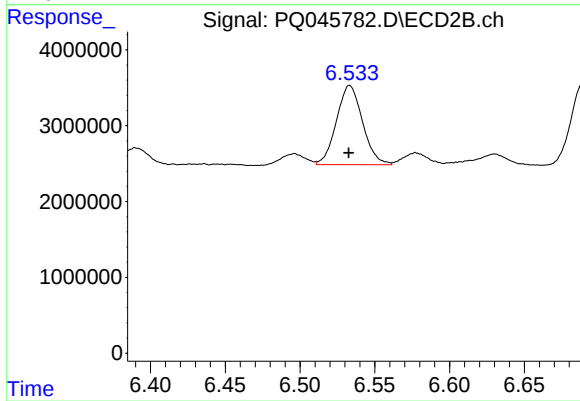
#19 AR-1242-4

R.T.: 5.961 min
Delta R.T.: -0.001 min
Response: 15711931
Conc: 311.90 ng/ml



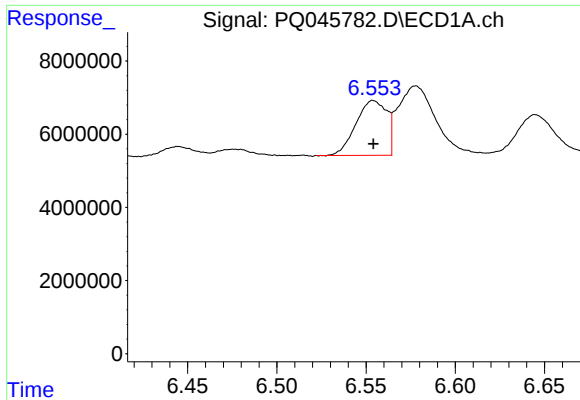
#20 AR-1242-5

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 5452904
Conc: 71.06 ng/ml



#20 AR-1242-5

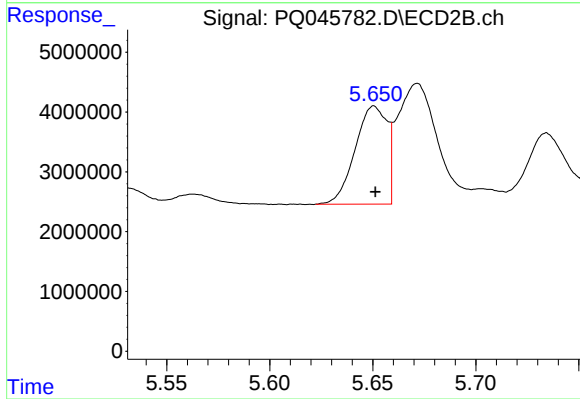
R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 12720139
Conc: 183.41 ng/ml



#21 AR-1248-1

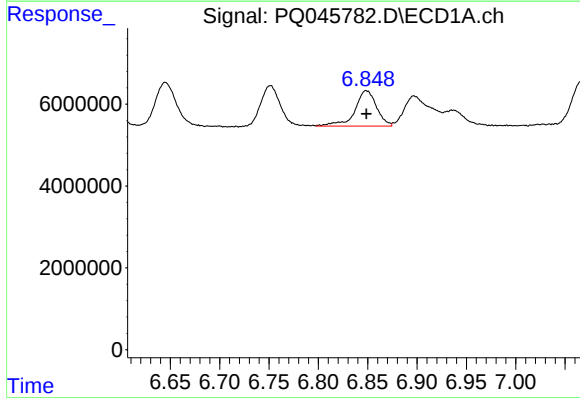
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 18025032
Conc: 392.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



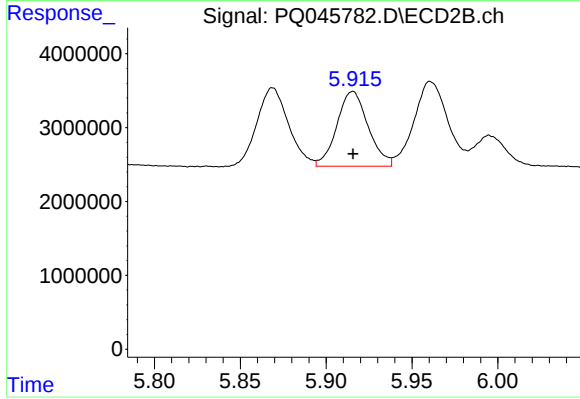
#21 AR-1248-1

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 17664040
Conc: 399.85 ng/ml



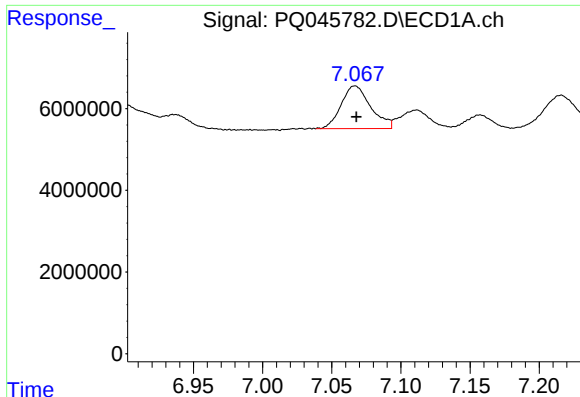
#22 AR-1248-2

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 13249308
Conc: 177.44 ng/ml



#22 AR-1248-2

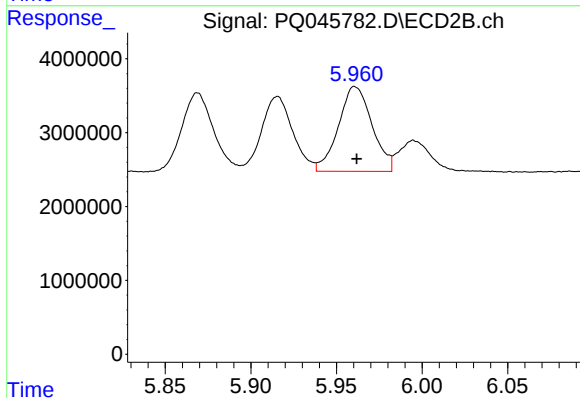
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 12858258
Conc: 178.03 ng/ml



#23 AR-1248-3

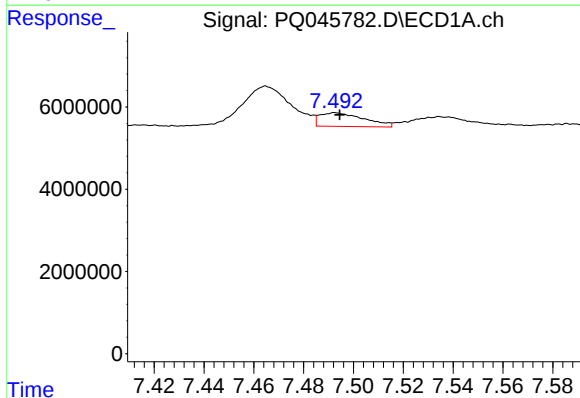
R.T.: 7.067 min
Delta R.T.: -0.001 min
Response: 15583868
Conc: 178.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



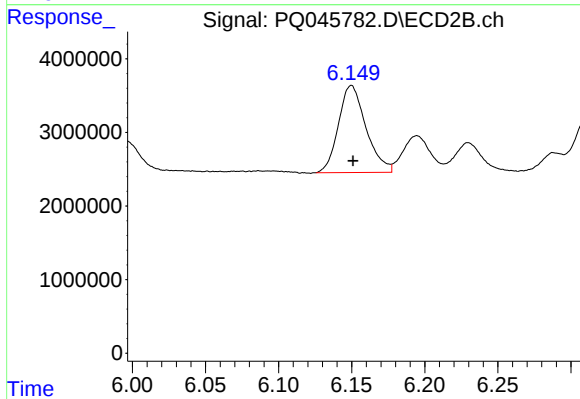
#23 AR-1248-3

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 15711931
Conc: 205.68 ng/ml



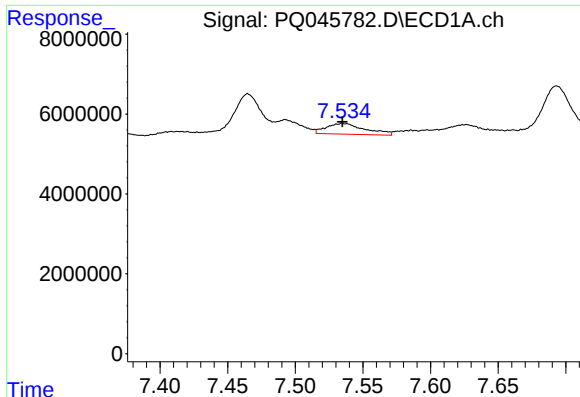
#24 AR-1248-4

R.T.: 7.493 min
Delta R.T.: -0.002 min
Response: 4144941
Conc: 35.28 ng/ml



#24 AR-1248-4

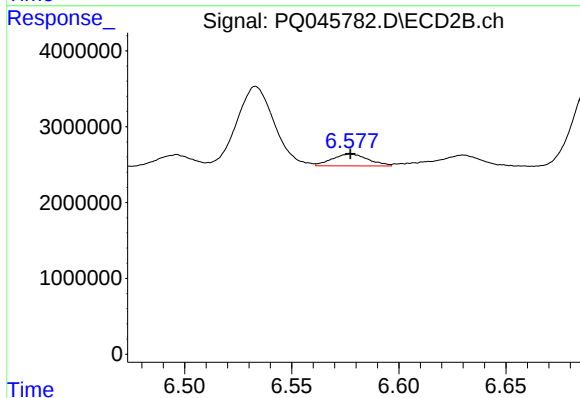
R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 15541926
Conc: 175.78 ng/ml



#25 AR-1248-5

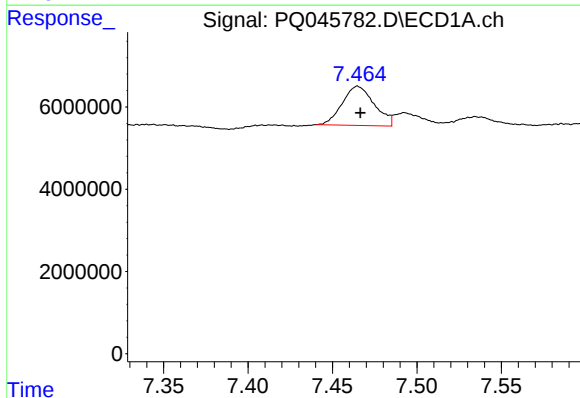
R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 5452904
Conc: 47.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



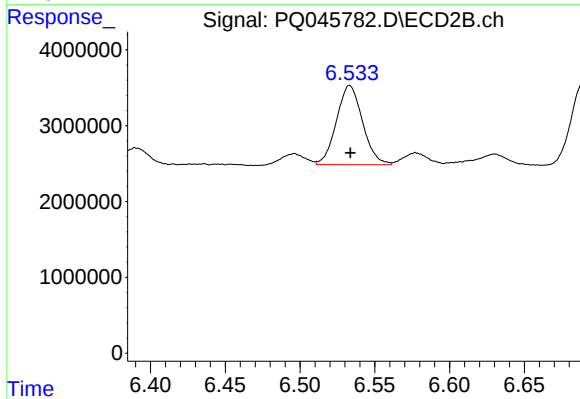
#25 AR-1248-5

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 1855554
Conc: 19.68 ng/ml



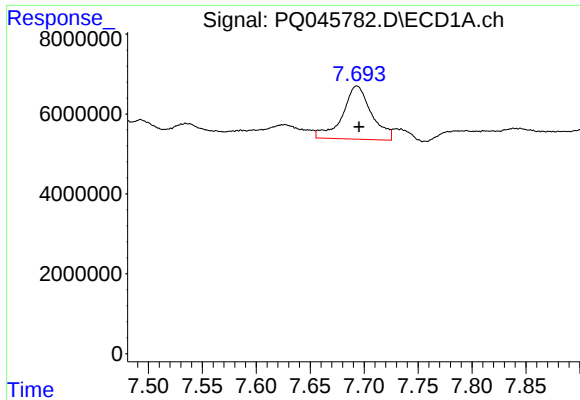
#26 AR-1254-1

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 12593434
Conc: 97.13 ng/ml



#26 AR-1254-1

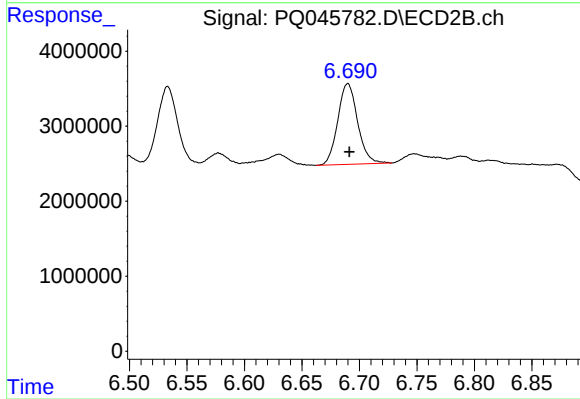
R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 12720139
Conc: 75.34 ng/ml



#27 AR-1254-2

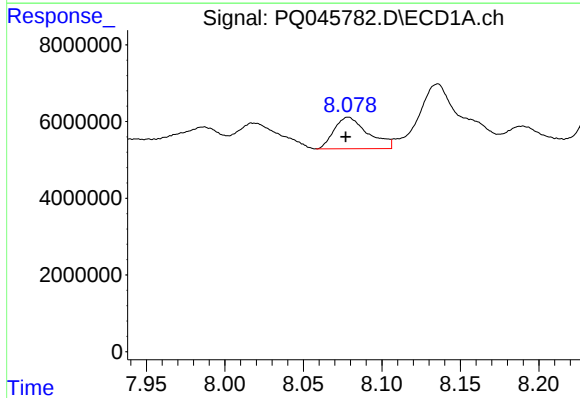
R.T.: 7.693 min
Delta R.T.: -0.002 min
Response: 24979870
Conc: 114.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



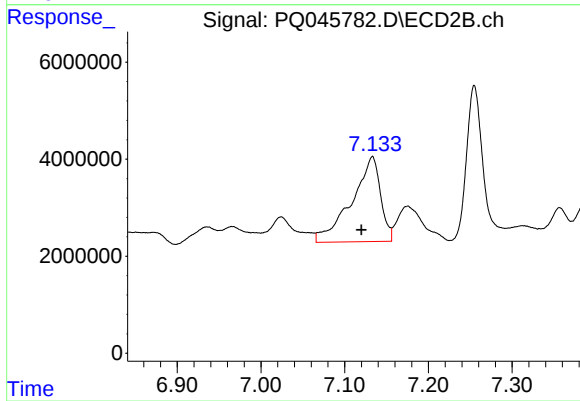
#27 AR-1254-2

R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 12931520
Conc: 81.90 ng/ml



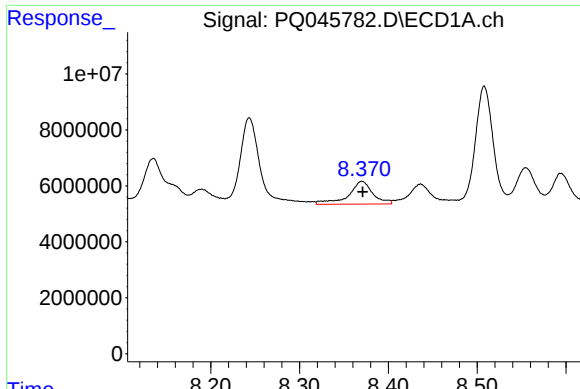
#28 AR-1254-3

R.T.: 8.079 min
Delta R.T.: 0.002 min
Response: 12285205
Conc: 49.68 ng/ml



#28 AR-1254-3

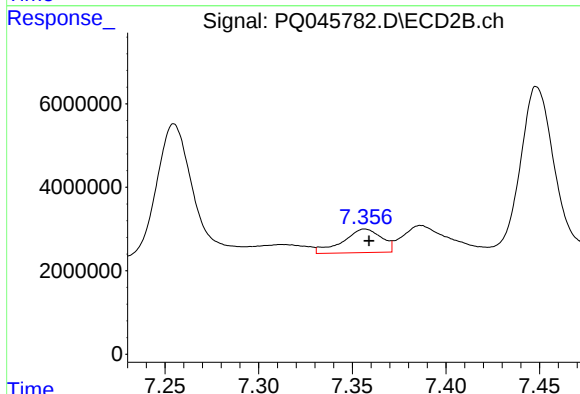
R.T.: 7.133 min
Delta R.T.: 0.013 min
Response: 42030939
Conc: 154.04 ng/ml



#29 AR-1254-4

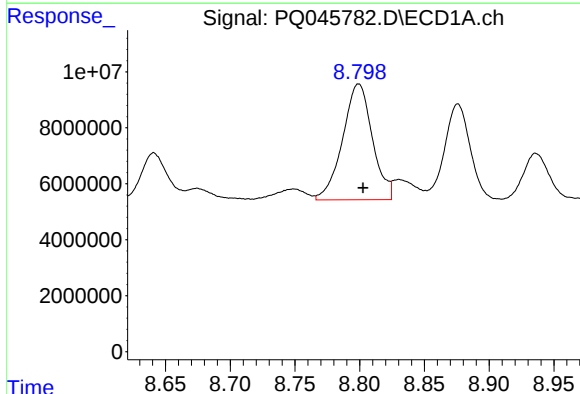
R.T.: 8.370 min
Delta R.T.: -0.001 min
Response: 15577374
Conc: 75.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



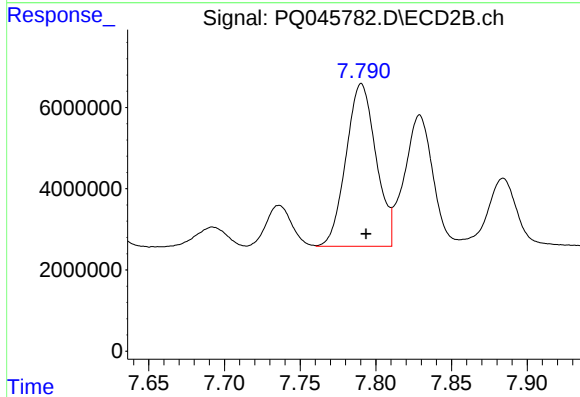
#29 AR-1254-4

R.T.: 7.357 min
Delta R.T.: -0.002 min
Response: 8110968
Conc: 47.36 ng/ml



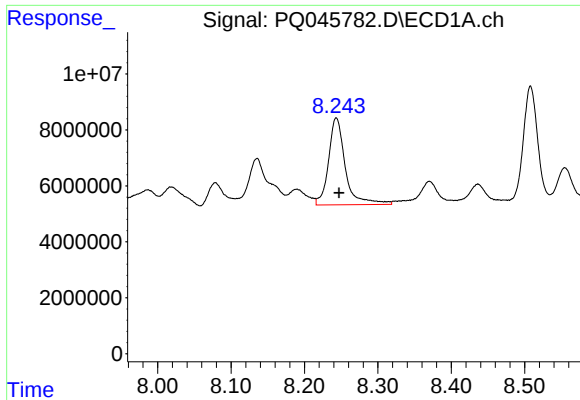
#30 AR-1254-5

R.T.: 8.799 min
Delta R.T.: -0.003 min
Response: 66272641
Conc: 280.03 ng/ml



#30 AR-1254-5

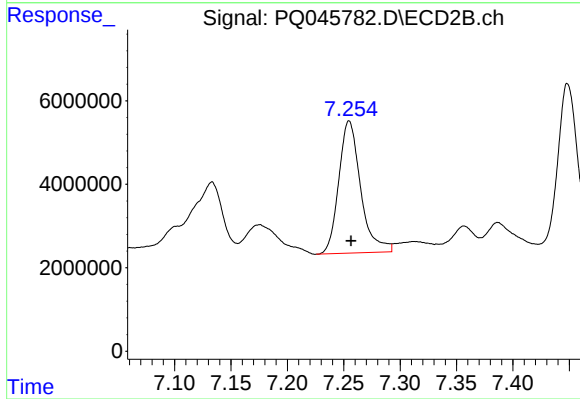
R.T.: 7.790 min
Delta R.T.: -0.003 min
Response: 55235483
Conc: 198.90 ng/ml



#31 AR-1260-1

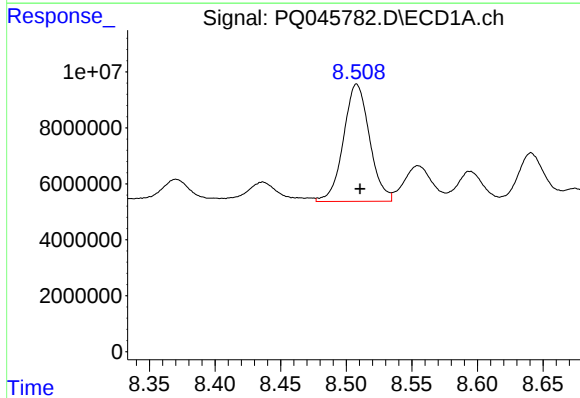
R.T.: 8.243 min
Delta R.T.: -0.004 min
Response: 49319183
Conc: 286.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



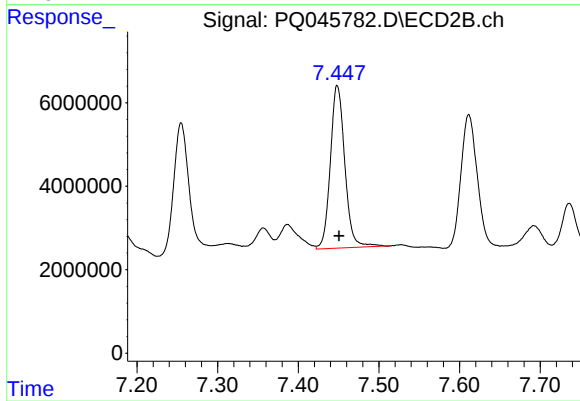
#31 AR-1260-1

R.T.: 7.255 min
Delta R.T.: -0.002 min
Response: 42861186
Conc: 264.95 ng/ml



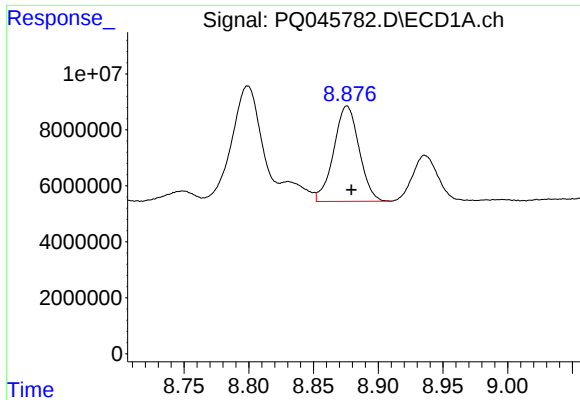
#32 AR-1260-2

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 58012334
Conc: 260.44 ng/ml



#32 AR-1260-2

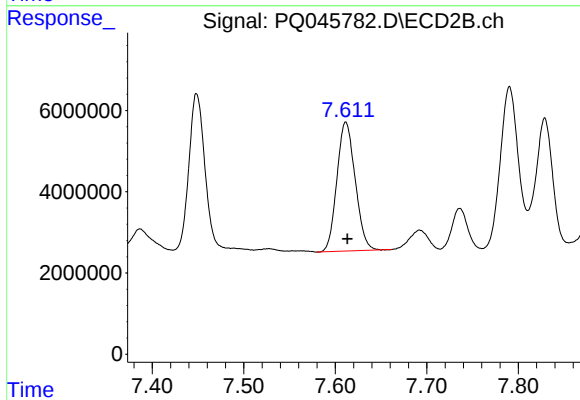
R.T.: 7.448 min
Delta R.T.: -0.002 min
Response: 48597813
Conc: 240.04 ng/ml



#33 AR-1260-3

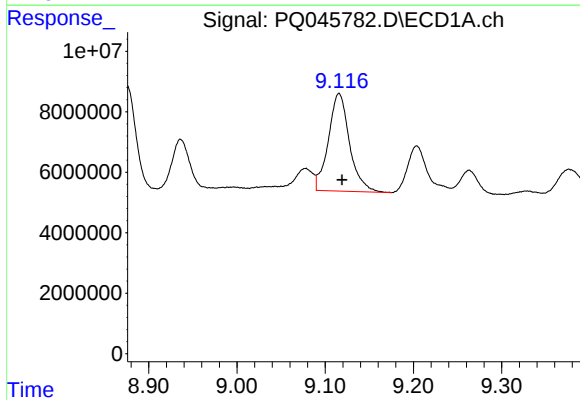
R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 46563973
Conc: 233.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



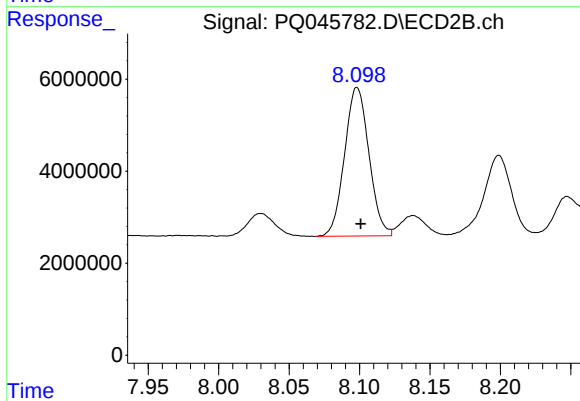
#33 AR-1260-3

R.T.: 7.612 min
Delta R.T.: -0.002 min
Response: 44091339
Conc: 227.72 ng/ml



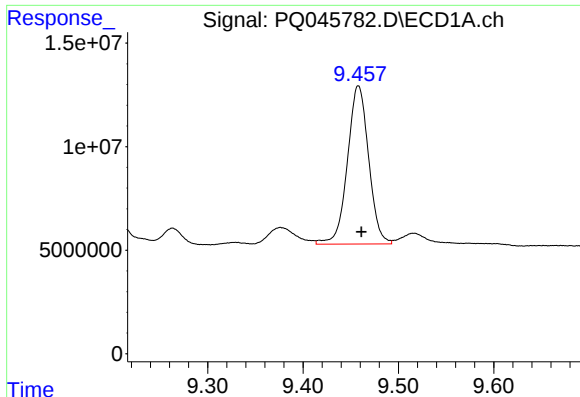
#34 AR-1260-4

R.T.: 9.116 min
Delta R.T.: -0.004 min
Response: 53811280
Conc: 241.02 ng/ml



#34 AR-1260-4

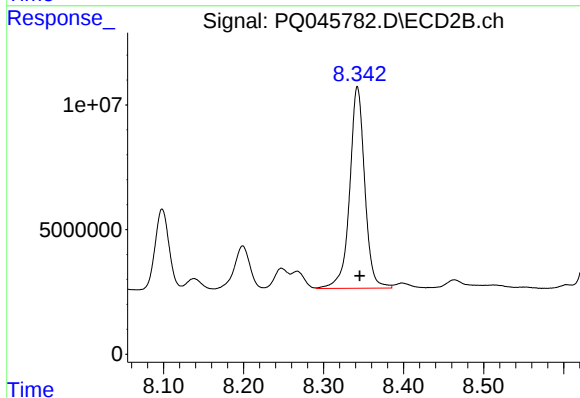
R.T.: 8.098 min
Delta R.T.: -0.003 min
Response: 38972573
Conc: 207.57 ng/ml



#35 AR-1260-5

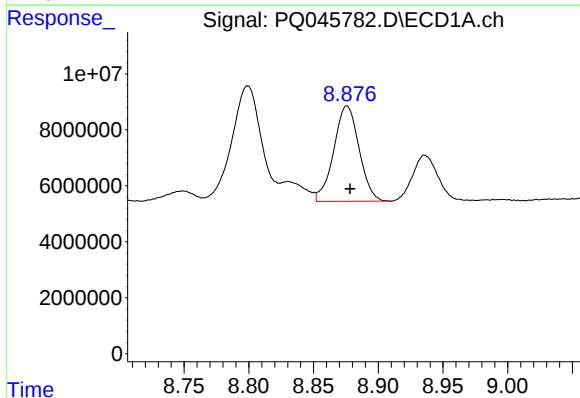
R.T.: 9.458 min
Delta R.T.: -0.003 min
Response: 118155765
Conc: 229.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



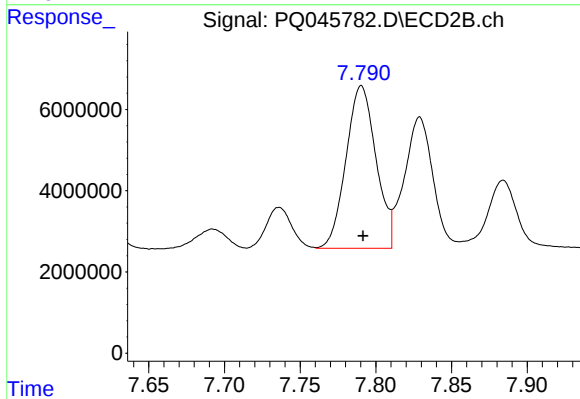
#35 AR-1260-5

R.T.: 8.342 min
Delta R.T.: -0.003 min
Response: 105739581
Conc: 215.22 ng/ml



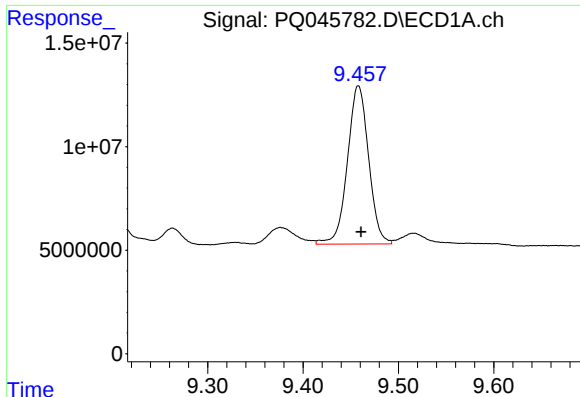
#36 AR-1262-1

R.T.: 8.876 min
Delta R.T.: -0.002 min
Response: 46563973
Conc: 139.38 ng/ml



#36 AR-1262-1

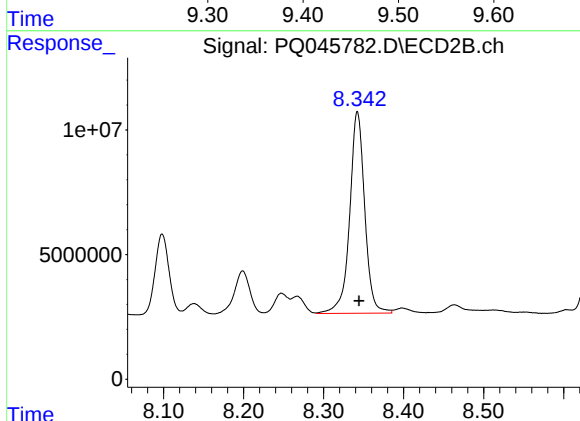
R.T.: 7.790 min
Delta R.T.: -0.001 min
Response: 55235483
Conc: 377.45 ng/ml



#37 AR-1262-2

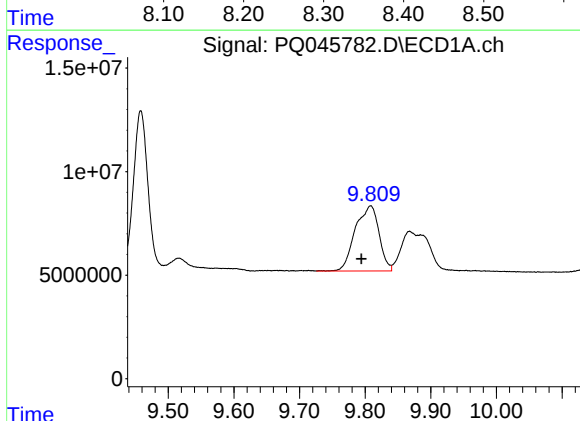
R.T.: 9.458 min
Delta R.T.: -0.003 min
Response: 118155765
Conc: 176.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



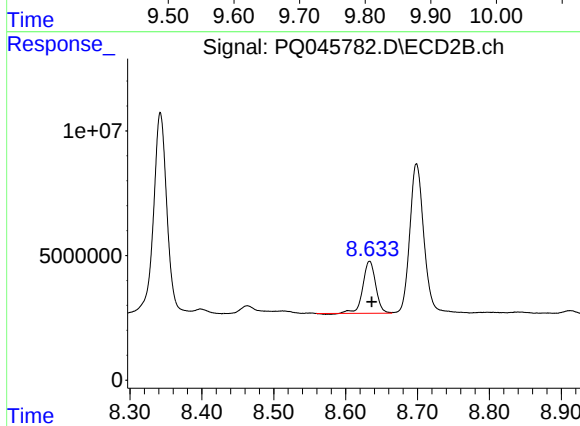
#37 AR-1262-2

R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 105739581
Conc: 164.22 ng/ml



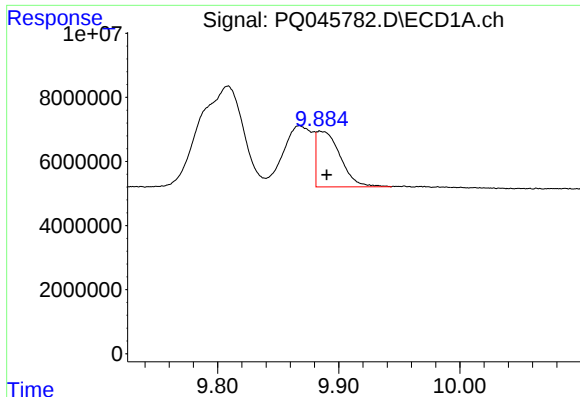
#38 AR-1262-3

R.T.: 9.808 min
Delta R.T.: 0.014 min
Response: 79221123
Conc: 160.90 ng/ml



#38 AR-1262-3

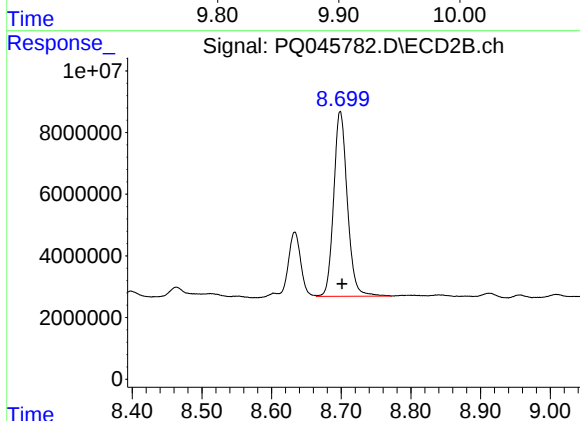
R.T.: 8.633 min
Delta R.T.: -0.003 min
Response: 25931638
Conc: 98.89 ng/ml



#39 AR-1262-4

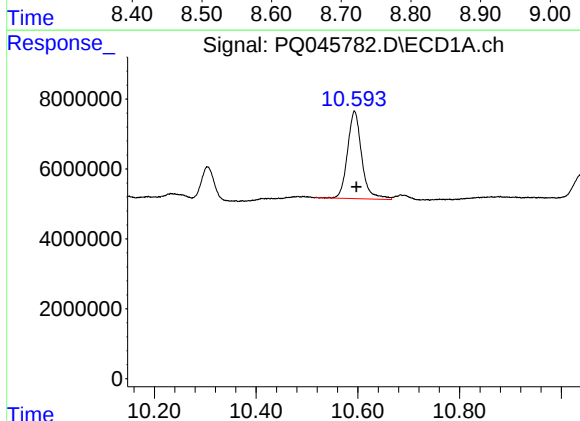
R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 23616073
Conc: 52.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



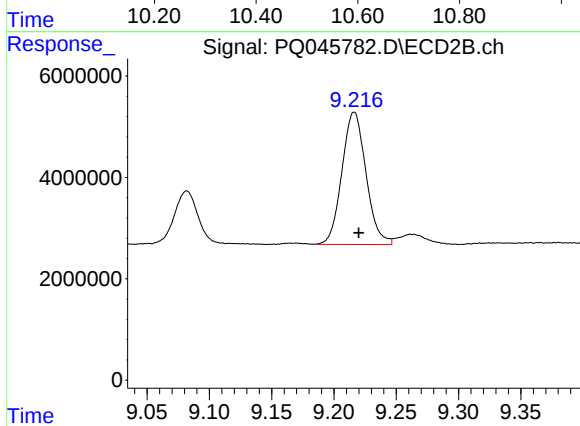
#39 AR-1262-4

R.T.: 8.699 min
Delta R.T.: -0.003 min
Response: 81582906
Conc: 157.85 ng/ml



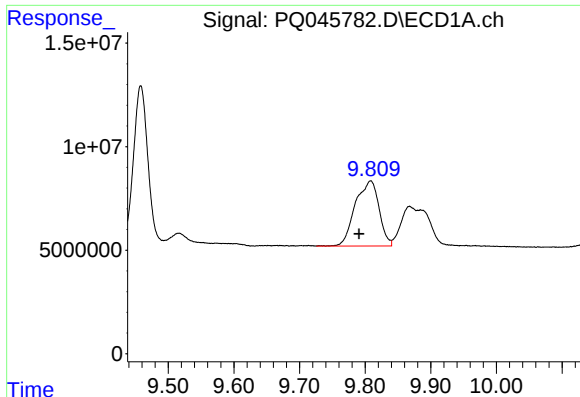
#40 AR-1262-5

R.T.: 10.593 min
Delta R.T.: -0.004 min
Response: 48500422
Conc: 149.93 ng/ml



#40 AR-1262-5

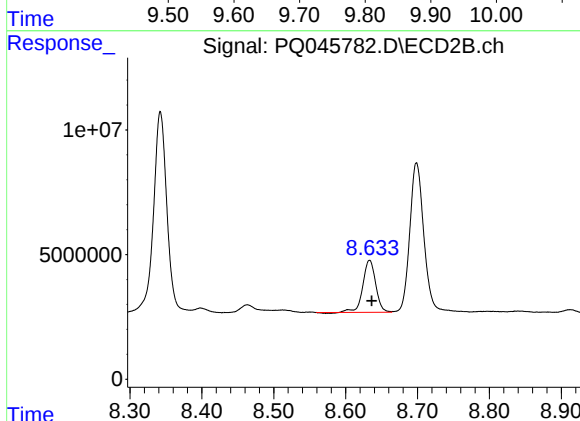
R.T.: 9.216 min
Delta R.T.: -0.004 min
Response: 35136651
Conc: 135.01 ng/ml



#41 AR-1268-1

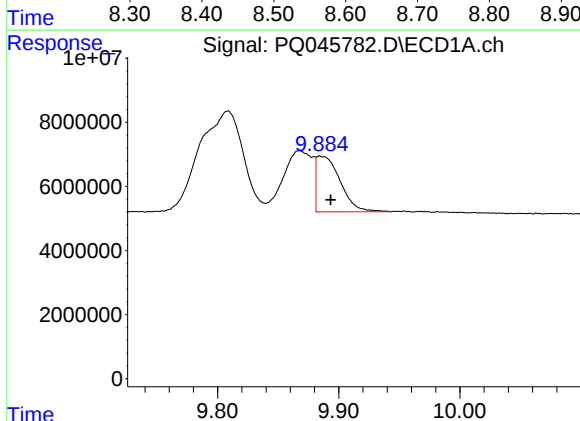
R.T.: 9.808 min
Delta R.T.: 0.017 min
Response: 79221123
Conc: 99.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



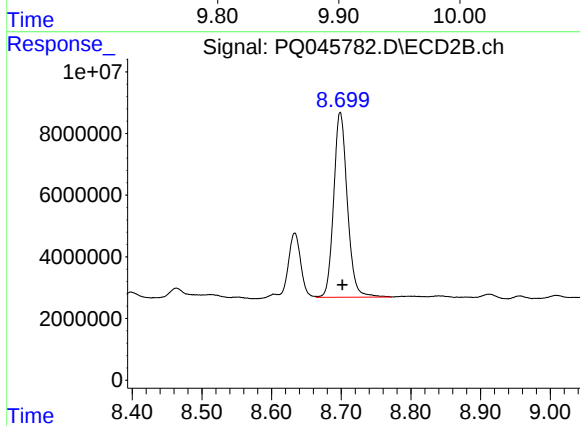
#41 AR-1268-1

R.T.: 8.633 min
Delta R.T.: -0.003 min
Response: 25931638
Conc: 37.39 ng/ml



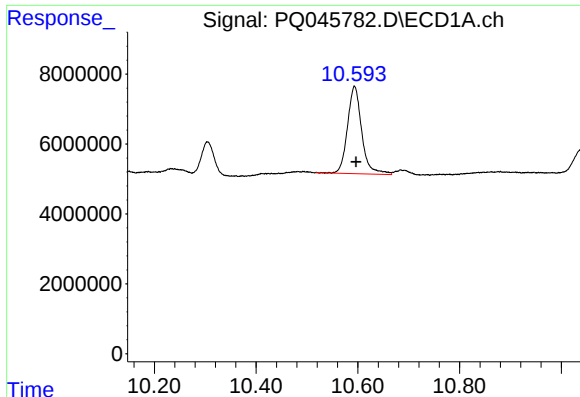
#42 AR-1268-2

R.T.: 9.884 min
Delta R.T.: -0.009 min
Response: 23616073
Conc: 28.02 ng/ml



#42 AR-1268-2

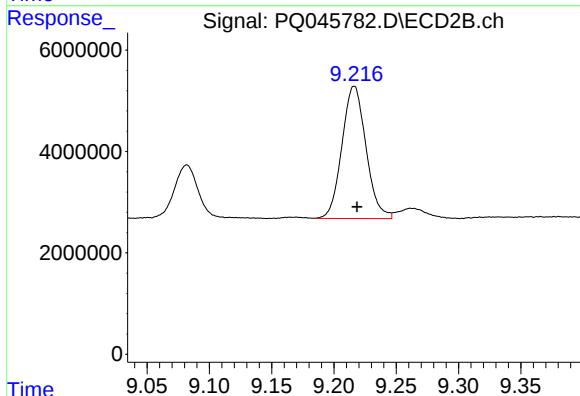
R.T.: 8.699 min
Delta R.T.: -0.003 min
Response: 81582906
Conc: 113.02 ng/ml



#44 AR-1268-4

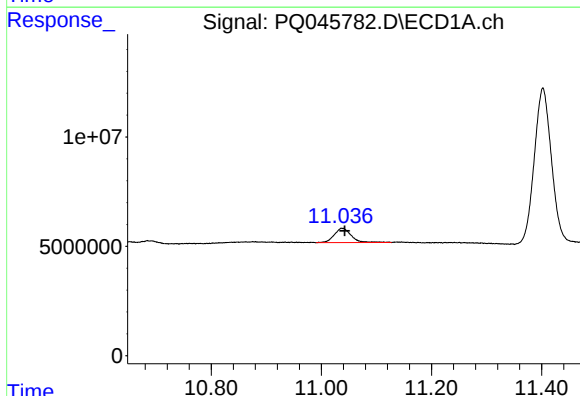
R.T.: 10.593 min
Delta R.T.: -0.003 min
Response: 48500422
Conc: 151.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



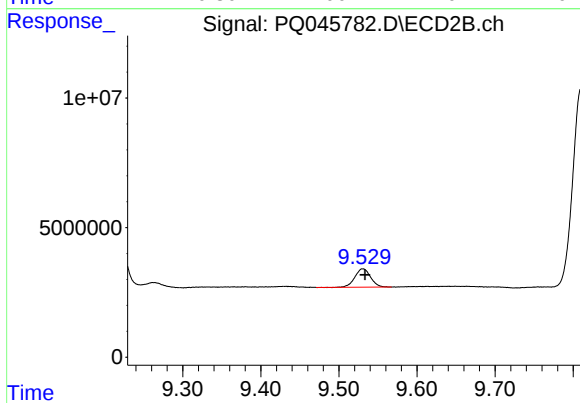
#44 AR-1268-4

R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 35136651
Conc: 133.26 ng/ml



#45 AR-1268-5

R.T.: 11.038 min
Delta R.T.: -0.005 min
Response: 14070502
Conc: 5.08 ng/ml



#45 AR-1268-5

R.T.: 9.531 min
Delta R.T.: -0.003 min
Response: 9856793
Conc: 4.39 ng/ml