

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091119\
 Data File : PQ043489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2019 21:01
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:49:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 12 02:33:14 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...	5.694	4.783	77589626	27927212	48.697	46.105
2)	SA Decachlor...	12.081	10.556	310.1E6	155.1E6	49.169	49.513
Target Compounds							
3)	L1 AR-1016-1	7.137	6.237	35983999	14908446	526.768	505.400
4)	L1 AR-1016-2	7.161	6.260	52450836	19199579	535.315	490.144
5)	L1 AR-1016-3	7.232	6.474	32863432	10401632	545.804	494.466
6)	L1 AR-1016-4	7.345	6.528	26339918	8768435	525.801	503.298
7)	L1 AR-1016-5	7.680	6.782	27994080	11382830	528.934	508.587
8)	L2 AR-1221-1	5.967	5.089	3717088	934901	222.744	160.399 #
9)	L2 AR-1221-2	6.082	5.207	3513309	1498839	295.576	311.717
10)	L2 AR-1221-3	6.176	5.313	14277265	5793356	350.304	352.972
11)	L3 AR-1232-1	6.176	5.313	14277265	5793356	316.062	313.530
12)	L3 AR-1232-2	6.820	6.260	23347041	19199579	929.940	962.404
13)	L3 AR-1232-3	7.161	6.474	52450836	10401632	981.017	958.261
14)	L3 AR-1232-4	7.345	6.577	26339918	11065343	1017.588	1083.899
15)	L3 AR-1232-5	7.451	6.782	23919037	11382830	1172.252	1039.851
16)	L4 AR-1242-1	7.137	6.237	35983999	14908446	878.792	862.950
17)	L4 AR-1242-2	7.161	6.260	52450836	19199579	890.368	826.757
18)	L4 AR-1242-3	7.232	6.474	32863432	10401632	882.061	841.605
19)	L4 AR-1242-4	7.345	6.577	26339918	11065343	883.754	870.882
20)	L4 AR-1242-5	8.168	7.190	11393691	11337847	274.000	566.290 #
21)	L5 AR-1248-1	7.137	6.237	35983999	14908446	1138.749	1183.757
22)	L5 AR-1248-2	7.451	6.528	23919037	8768435	558.997	495.117
23)	L5 AR-1248-3	7.680	6.577	27994080	11065343	521.970	591.045
24)	L5 AR-1248-4	8.125	6.782	9096860	11382830	126.119	493.300 #
25)	L5 AR-1248-5	8.168	7.236	11393691	3762330	157.384	132.748
26)	L6 AR-1254-1	8.096	7.190	24676645	11337847	343.725	250.644 #
27)	L6 AR-1254-2	8.334	7.357	27073864	11758573	220.202	266.806
28)	L6 AR-1254-3	8.727	7.822	21192713	22740793	145.717	304.864 #
29)	L6 AR-1254-4	9.029	8.054	22014666	4673073	171.041	84.441 #
30)	L6 AR-1254-5	9.468	8.501	133.2E6	48419027	877.263	594.116 #
31)	L7 AR-1260-1	8.900	7.948	73428187	32578135	565.265	561.199
32)	L7 AR-1260-2	9.171	8.150	96794196	41953861	582.717	548.751
33)	L7 AR-1260-3	9.546	8.316	77673731	38720131	565.843	552.272
34)	L7 AR-1260-4	9.787	8.815	97484163	35903001	573.436	544.613
35)	L7 AR-1260-5	10.133	9.065	215.7E6	99736674	548.563	531.192
36)	L8 AR-1262-1	9.546	8.540	77673731	36255267	352.928	366.678
37)	L8 AR-1262-2	10.133	9.065	215.7E6	99736674	421.944	446.242
38)	L8 AR-1262-3	10.485	9.360	148.0E6	28232505	385.528	245.383 #
39)	L8 AR-1262-4	10.546	9.426	92882742	99702093	544.066	442.535
40)	L8 AR-1262-5	11.272	9.951	83596786	48325179	287.230	312.795
41)	L9 AR-1268-1	10.485	9.360	148.0E6	28232505	231.020	86.352 #

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 Acq On : 11 Sep 2019 21:01
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

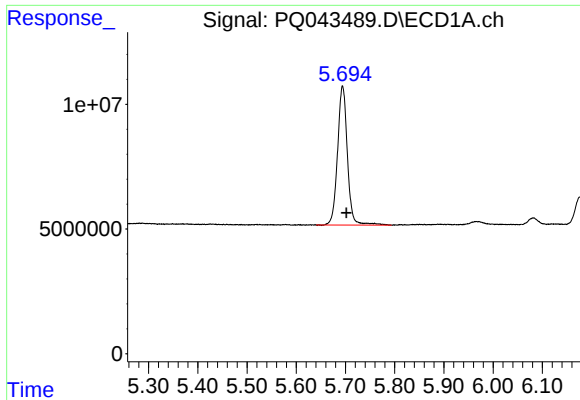
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:49:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091119.M
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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	10.546	9.426	92882742	99702093	149.465	311.714 #
43) L9	AR-1268-3	10.813	9.643	5546691	2891580	10.464	10.204
44) L9	AR-1268-4	11.272	9.951	83596786	48325179	288.175	297.338
45) L9	AR-1268-5	11.718	10.272	25952541	15423178	10.885	12.282

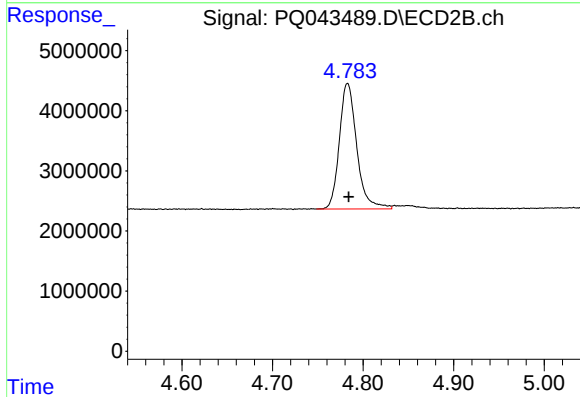
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

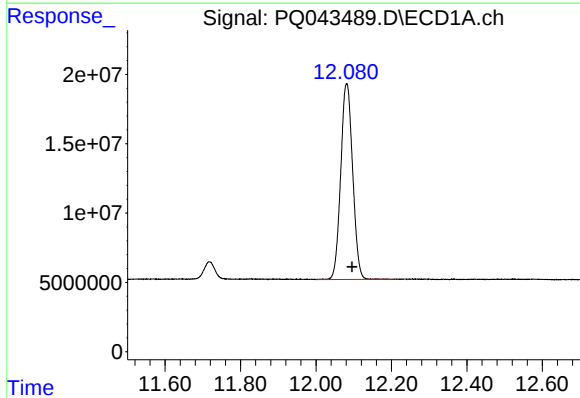
R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 77589626
Conc: 48.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



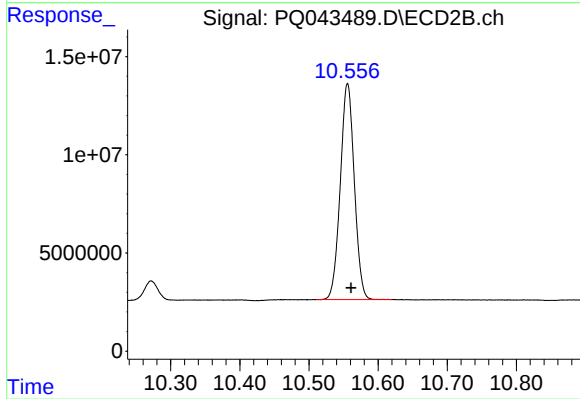
#1 Tetrachloro-m-xylene

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 27927212
Conc: 46.11 ng/ml



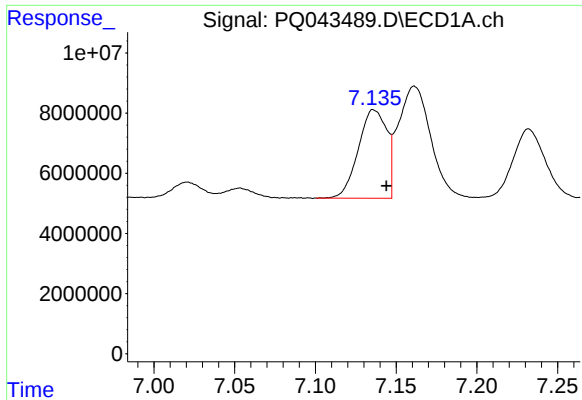
#2 Decachlorobiphenyl

R.T.: 12.081 min
Delta R.T.: -0.014 min
Response: 310110599
Conc: 49.17 ng/ml



#2 Decachlorobiphenyl

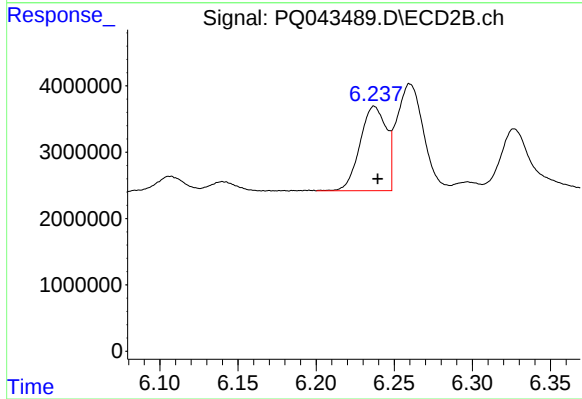
R.T.: 10.556 min
Delta R.T.: -0.005 min
Response: 155087346
Conc: 49.51 ng/ml



#3 AR-1016-1

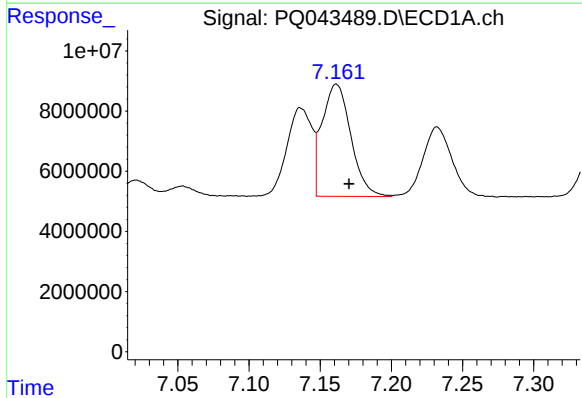
R.T.: 7.137 min
Delta R.T.: -0.007 min
Response: 35983999
Conc: 526.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



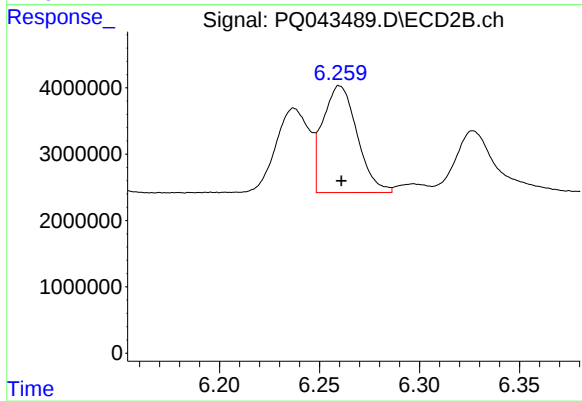
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 14908446
Conc: 505.40 ng/ml



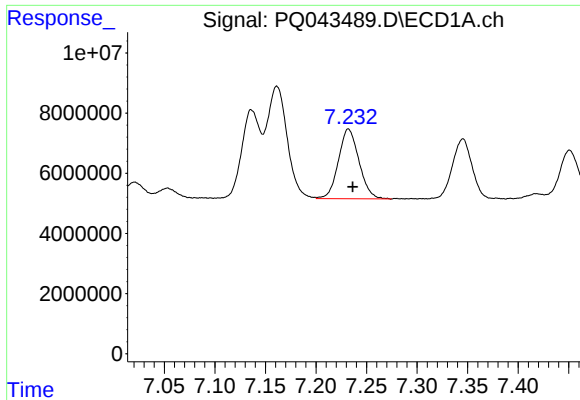
#4 AR-1016-2

R.T.: 7.161 min
Delta R.T.: -0.009 min
Response: 52450836
Conc: 535.31 ng/ml



#4 AR-1016-2

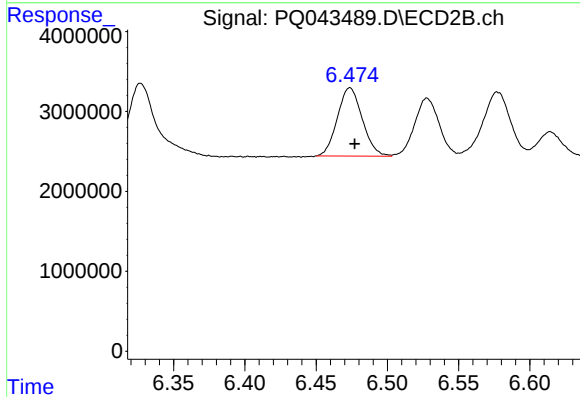
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 19199579
Conc: 490.14 ng/ml



#5 AR-1016-3

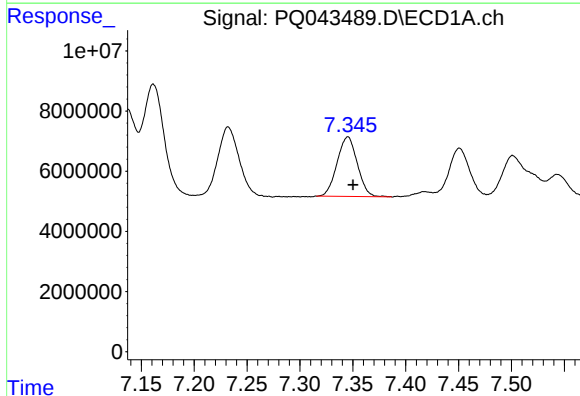
R.T.: 7.232 min
Delta R.T.: -0.004 min
Response: 32863432
Conc: 545.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



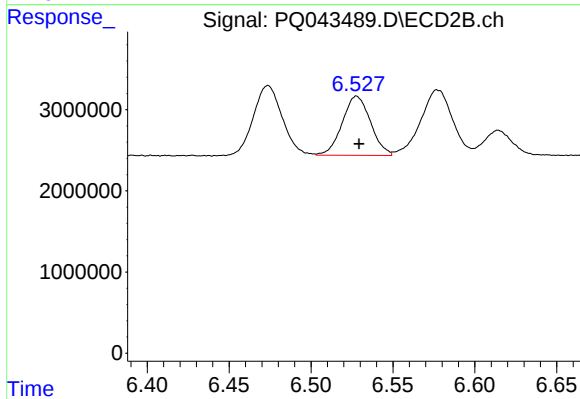
#5 AR-1016-3

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 10401632
Conc: 494.47 ng/ml



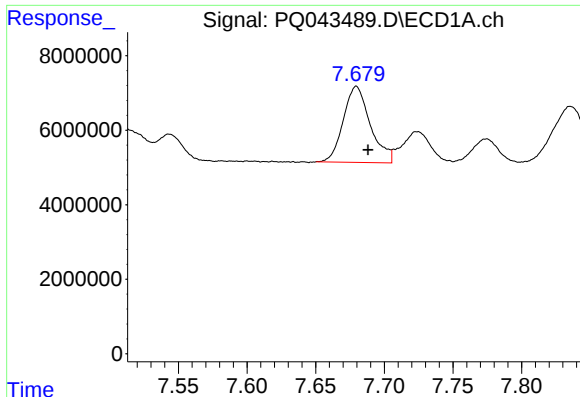
#6 AR-1016-4

R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 26339918
Conc: 525.80 ng/ml



#6 AR-1016-4

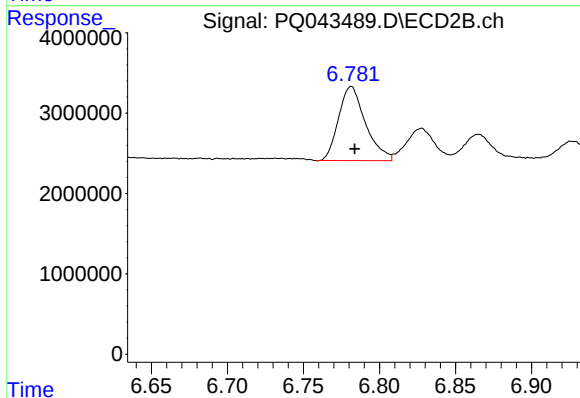
R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 8768435
Conc: 503.30 ng/ml



#7 AR-1016-5

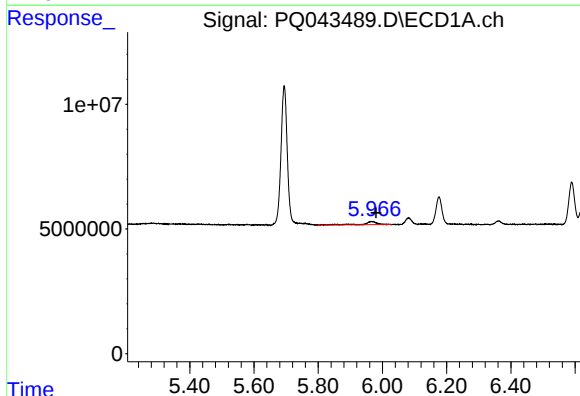
R.T.: 7.680 min
Delta R.T.: -0.008 min
Response: 27994080
Conc: 528.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



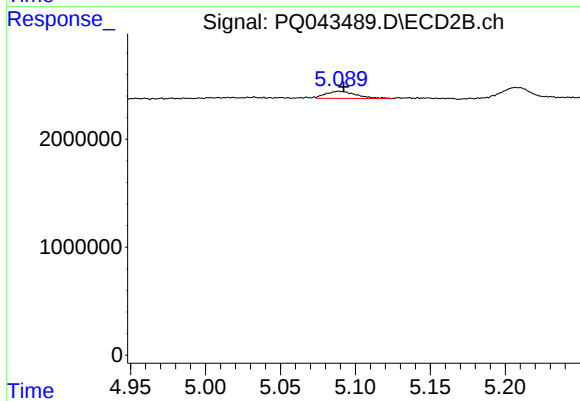
#7 AR-1016-5

R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 11382830
Conc: 508.59 ng/ml



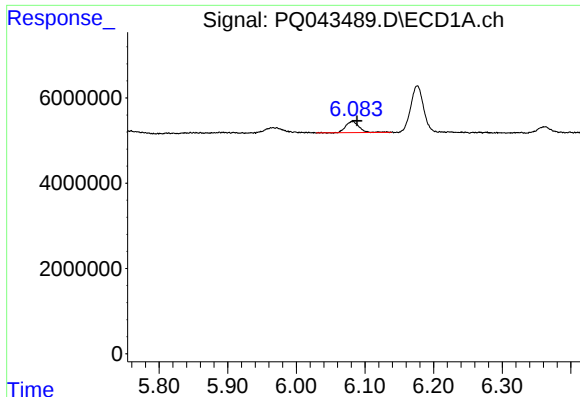
#8 AR-1221-1

R.T.: 5.967 min
Delta R.T.: -0.013 min
Response: 3717088
Conc: 222.74 ng/ml



#8 AR-1221-1

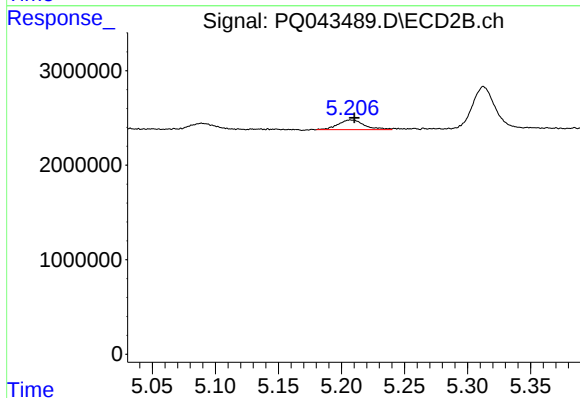
R.T.: 5.089 min
Delta R.T.: -0.003 min
Response: 934901
Conc: 160.40 ng/ml



#9 AR-1221-2

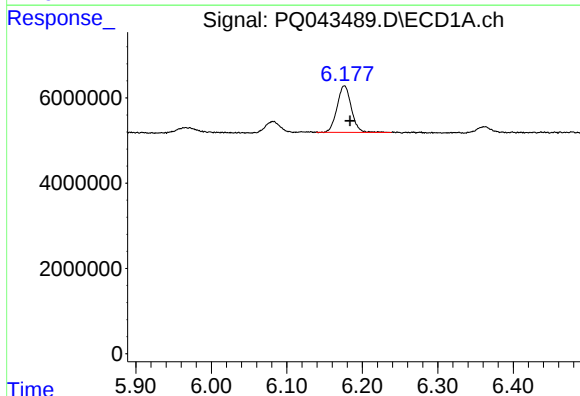
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 3513309
Conc: 295.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



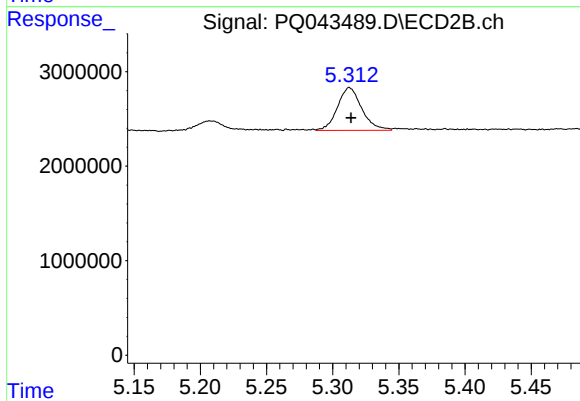
#9 AR-1221-2

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 1498839
Conc: 311.72 ng/ml



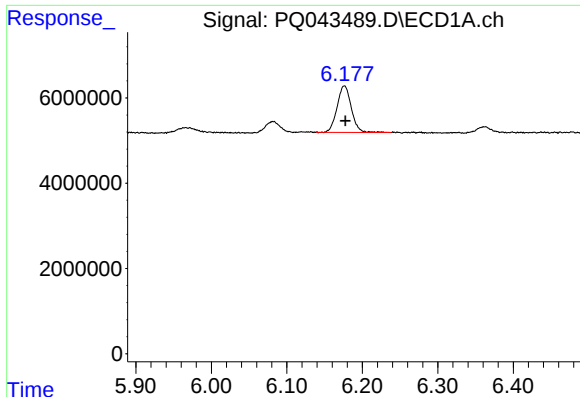
#10 AR-1221-3

R.T.: 6.176 min
Delta R.T.: -0.008 min
Response: 14277265
Conc: 350.30 ng/ml



#10 AR-1221-3

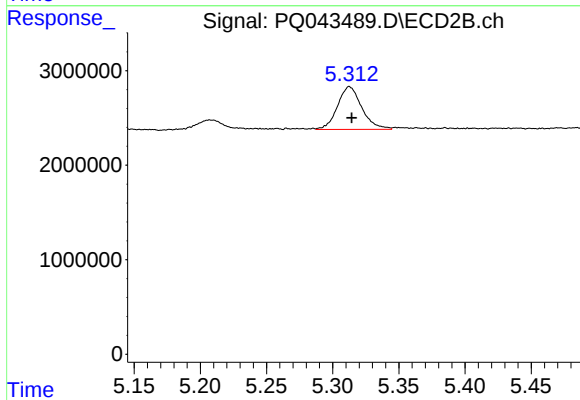
R.T.: 5.313 min
Delta R.T.: -0.001 min
Response: 5793356
Conc: 352.97 ng/ml



#11 AR-1232-1

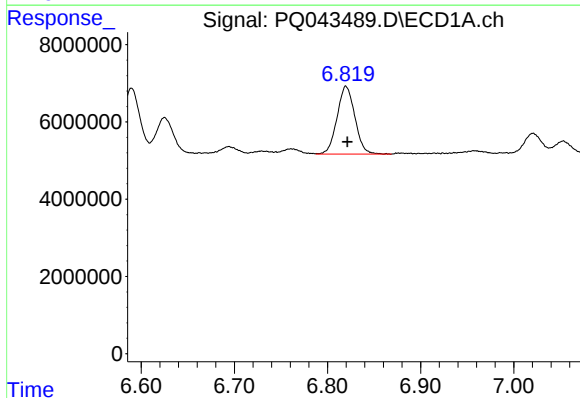
R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 14277265
Conc: 316.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



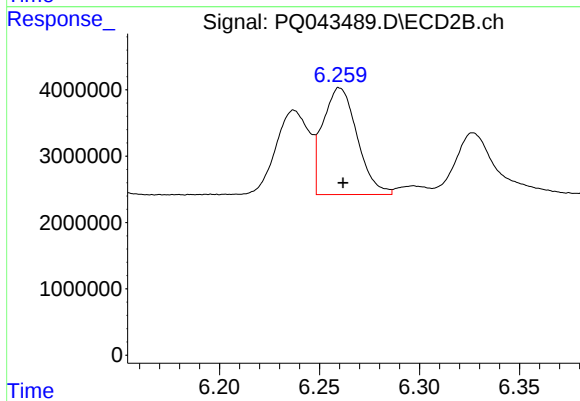
#11 AR-1232-1

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 5793356
Conc: 313.53 ng/ml



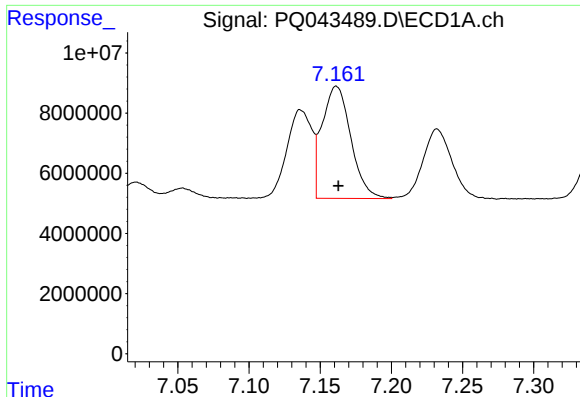
#12 AR-1232-2

R.T.: 6.820 min
Delta R.T.: -0.001 min
Response: 23347041
Conc: 929.94 ng/ml



#12 AR-1232-2

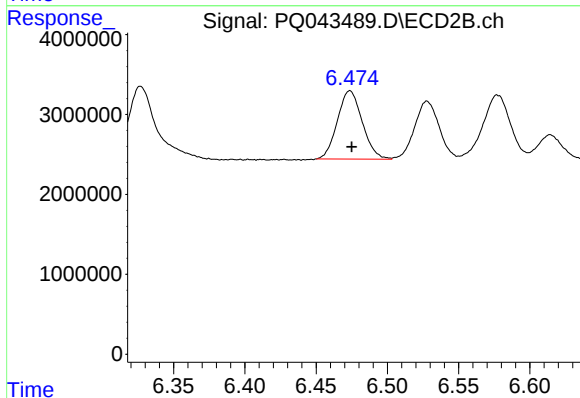
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 19199579
Conc: 962.40 ng/ml



#13 AR-1232-3

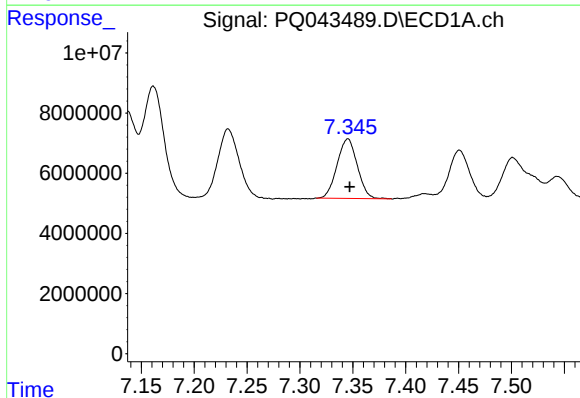
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 52450836
Conc: 981.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



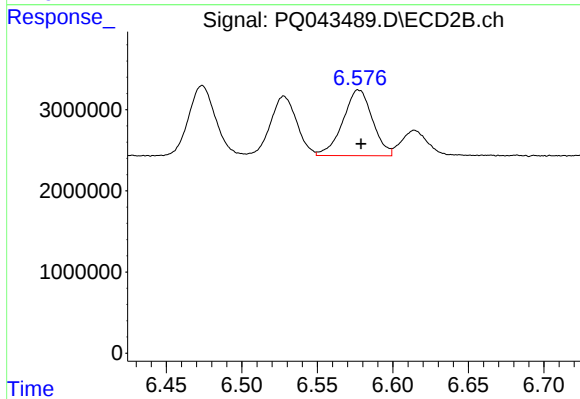
#13 AR-1232-3

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 10401632
Conc: 958.26 ng/ml



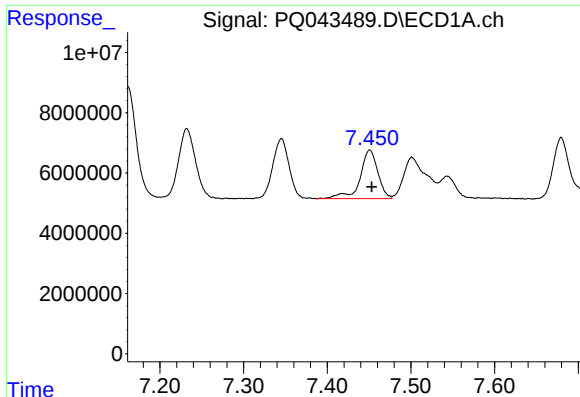
#14 AR-1232-4

R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 26339918
Conc: 1017.59 ng/ml



#14 AR-1232-4

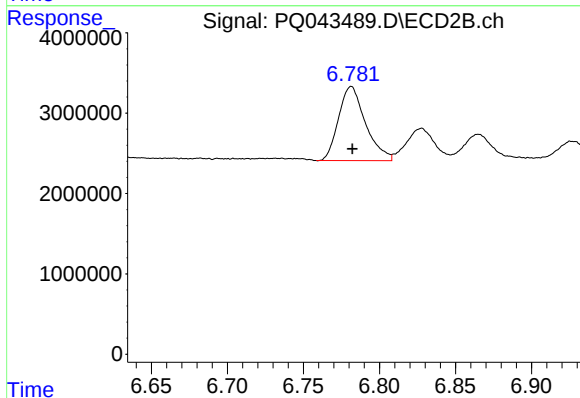
R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 11065343
Conc: 1083.90 ng/ml



#15 AR-1232-5

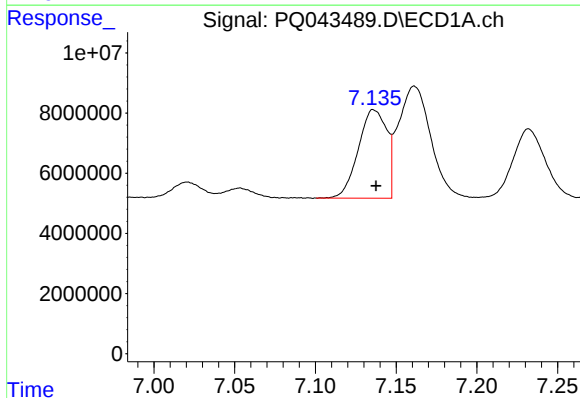
R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 23919037
Conc: 1172.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



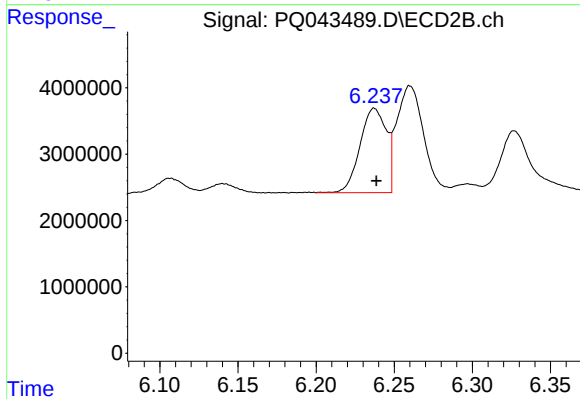
#15 AR-1232-5

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 11382830
Conc: 1039.85 ng/ml



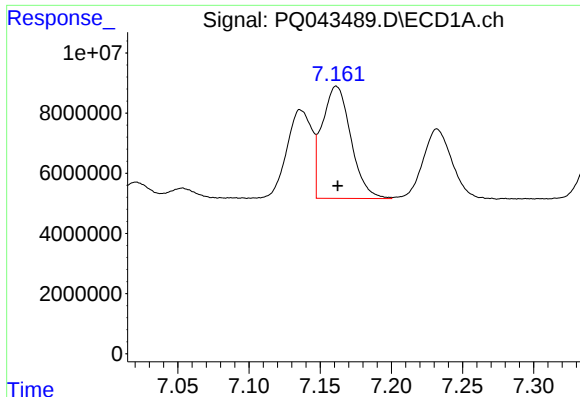
#16 AR-1242-1

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 35983999
Conc: 878.79 ng/ml



#16 AR-1242-1

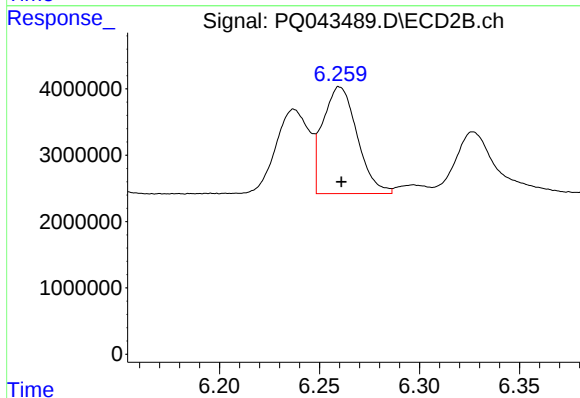
R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 14908446
Conc: 862.95 ng/ml



#17 AR-1242-2

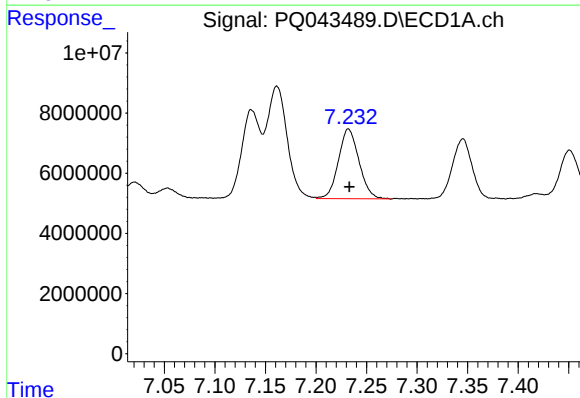
R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 52450836
Conc: 890.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



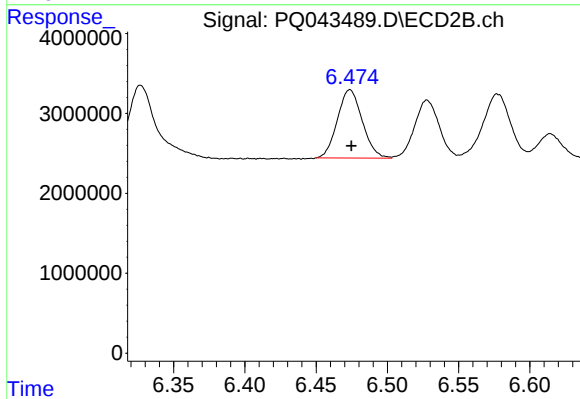
#17 AR-1242-2

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 19199579
Conc: 826.76 ng/ml



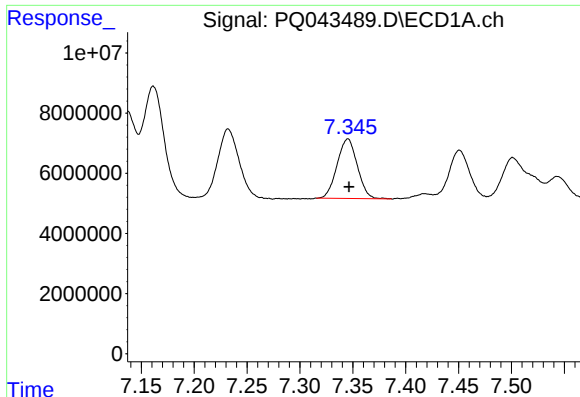
#18 AR-1242-3

R.T.: 7.232 min
Delta R.T.: -0.001 min
Response: 32863432
Conc: 882.06 ng/ml



#18 AR-1242-3

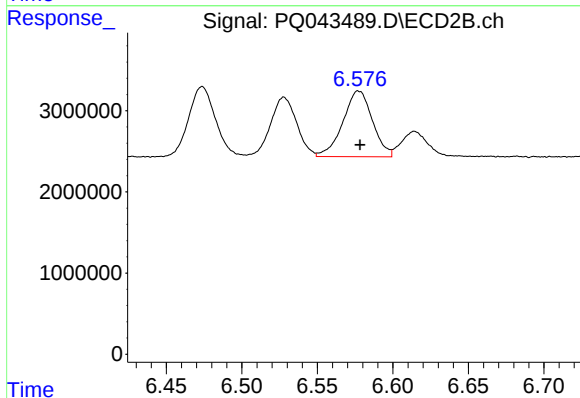
R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 10401632
Conc: 841.60 ng/ml



#19 AR-1242-4

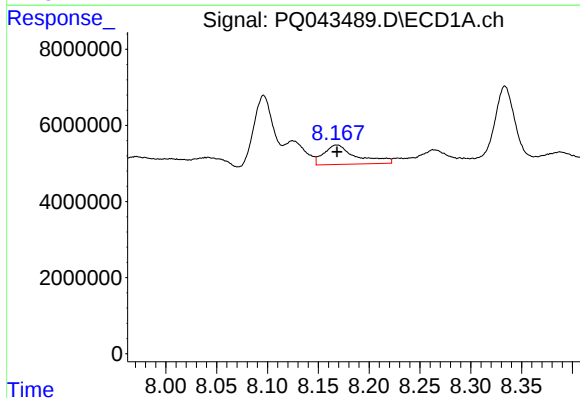
R.T.: 7.345 min
Delta R.T.: -0.001 min
Response: 26339918
Conc: 883.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



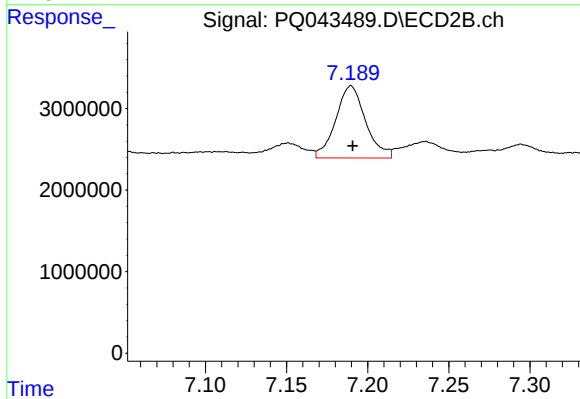
#19 AR-1242-4

R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 11065343
Conc: 870.88 ng/ml



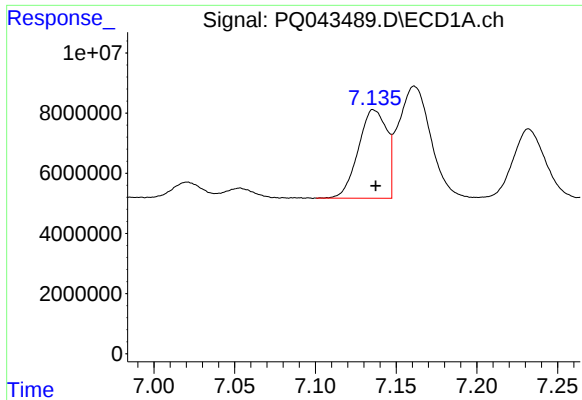
#20 AR-1242-5

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 11393691
Conc: 274.00 ng/ml



#20 AR-1242-5

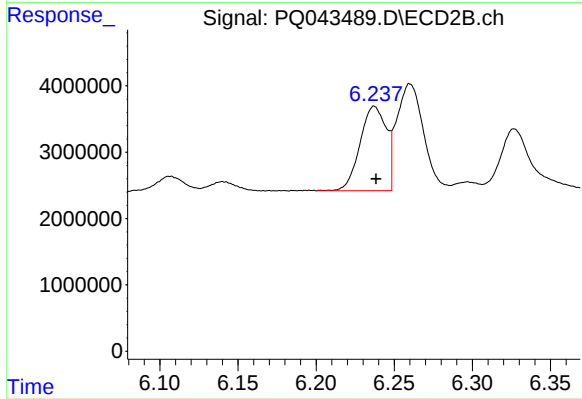
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 11337847
Conc: 566.29 ng/ml



#21 AR-1248-1

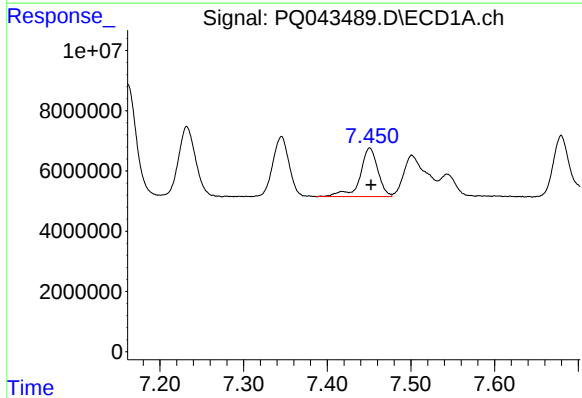
R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 35983999
Conc: 1138.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



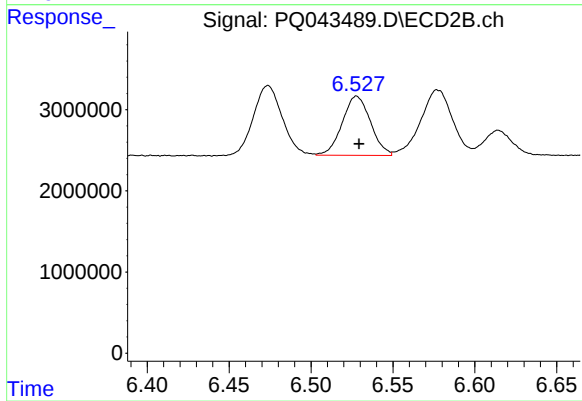
#21 AR-1248-1

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 14908446
Conc: 1183.76 ng/ml



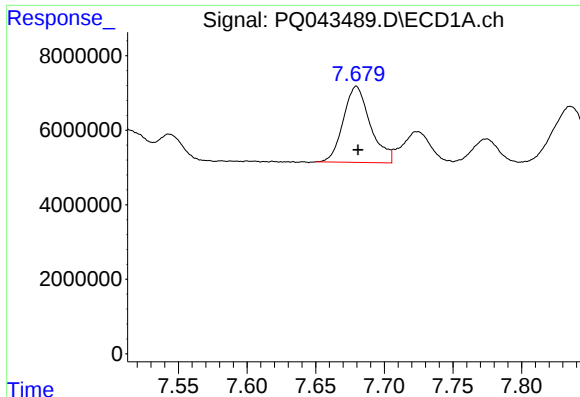
#22 AR-1248-2

R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 23919037
Conc: 559.00 ng/ml



#22 AR-1248-2

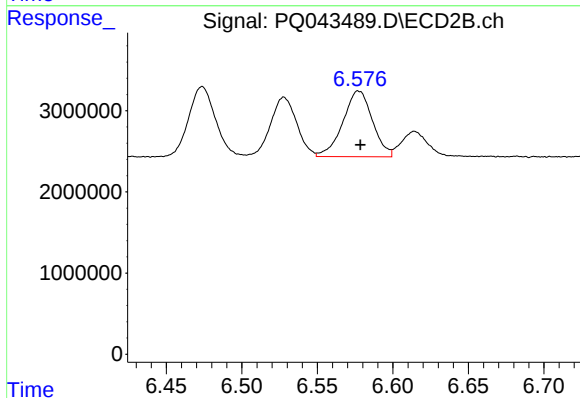
R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 8768435
Conc: 495.12 ng/ml



#23 AR-1248-3

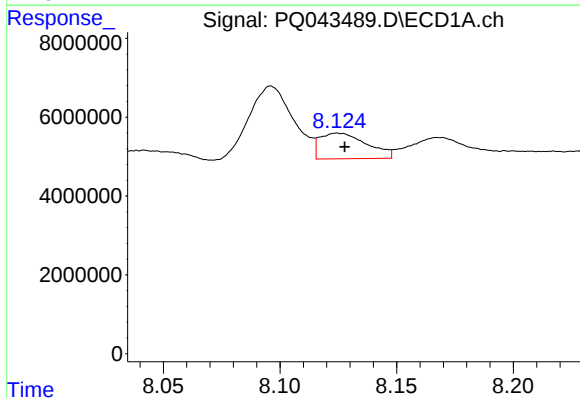
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 27994080
Conc: 521.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



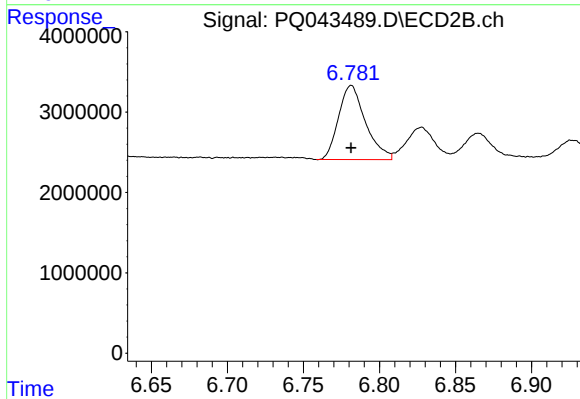
#23 AR-1248-3

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 11065343
Conc: 591.04 ng/ml



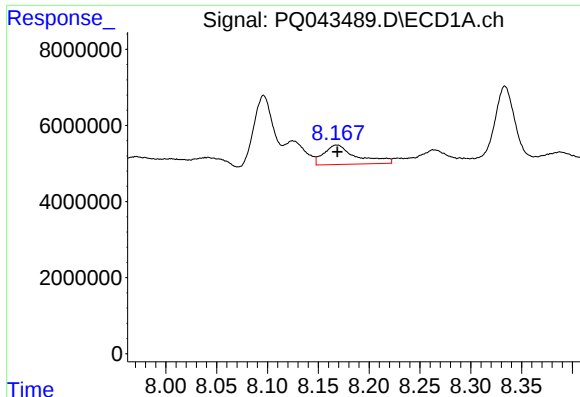
#24 AR-1248-4

R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 9096860
Conc: 126.12 ng/ml



#24 AR-1248-4

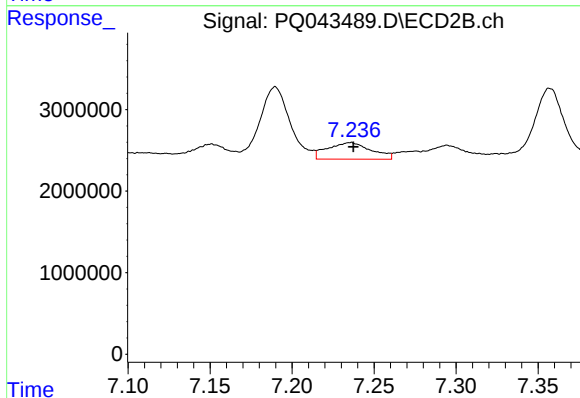
R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 11382830
Conc: 493.30 ng/ml



#25 AR-1248-5

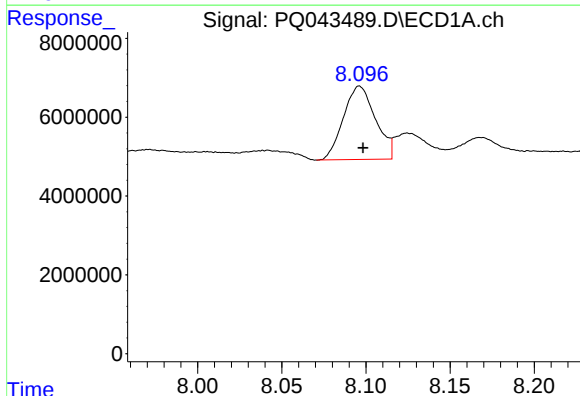
R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 11393691
Conc: 157.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



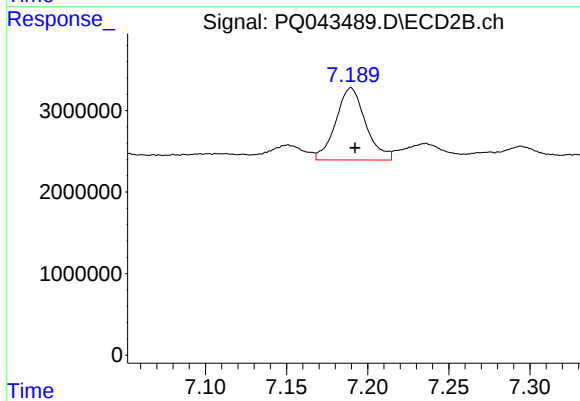
#25 AR-1248-5

R.T.: 7.236 min
Delta R.T.: -0.001 min
Response: 3762330
Conc: 132.75 ng/ml



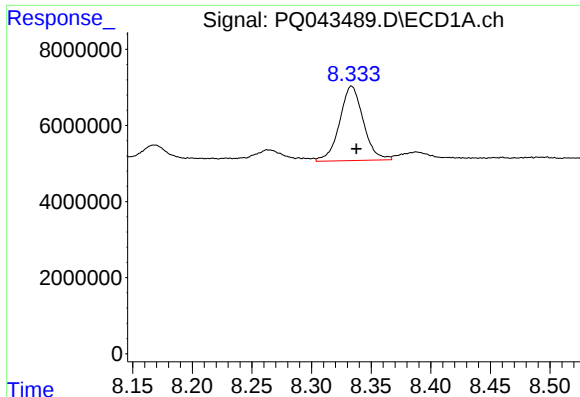
#26 AR-1254-1

R.T.: 8.096 min
Delta R.T.: -0.002 min
Response: 24676645
Conc: 343.72 ng/ml



#26 AR-1254-1

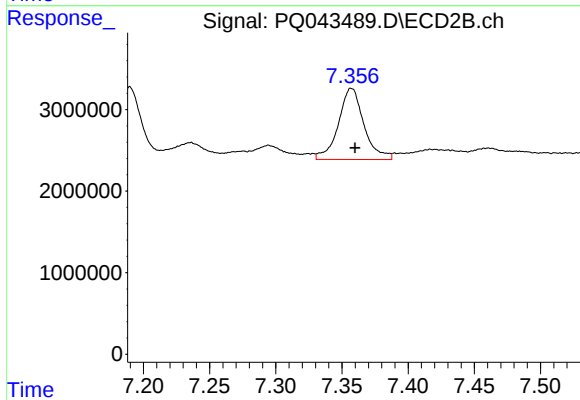
R.T.: 7.190 min
Delta R.T.: -0.003 min
Response: 11337847
Conc: 250.64 ng/ml



#27 AR-1254-2

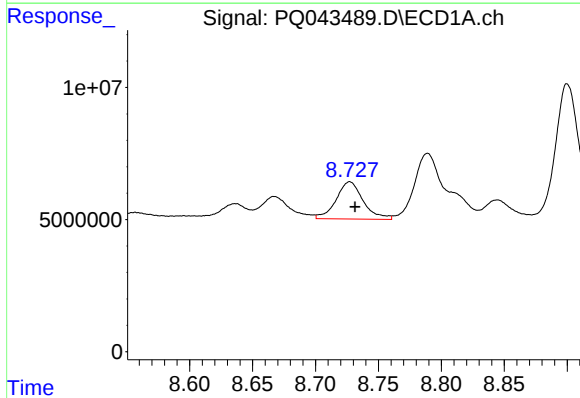
R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 27073864
Conc: 220.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



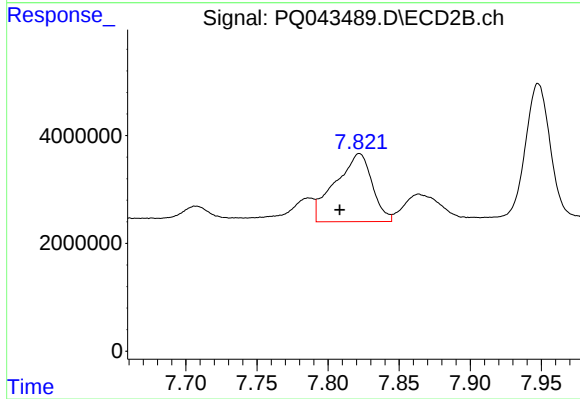
#27 AR-1254-2

R.T.: 7.357 min
Delta R.T.: -0.003 min
Response: 11758573
Conc: 266.81 ng/ml



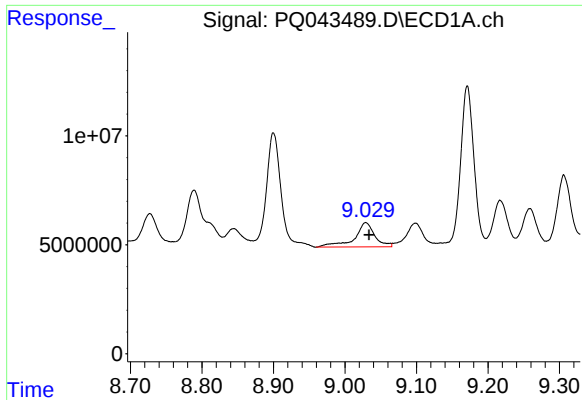
#28 AR-1254-3

R.T.: 8.727 min
Delta R.T.: -0.004 min
Response: 21192713
Conc: 145.72 ng/ml



#28 AR-1254-3

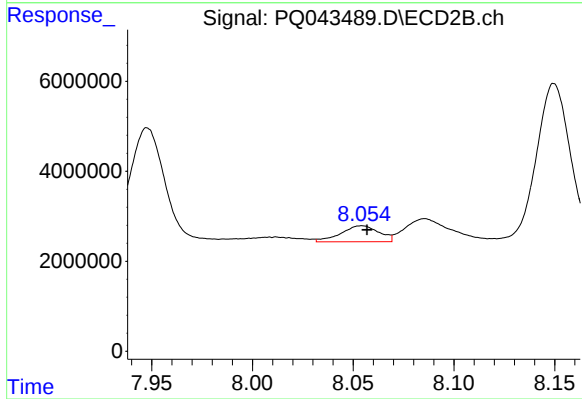
R.T.: 7.822 min
Delta R.T.: 0.014 min
Response: 22740793
Conc: 304.86 ng/ml



#29 AR-1254-4

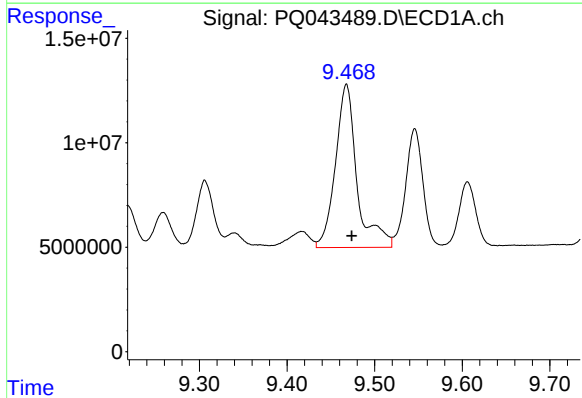
R.T.: 9.029 min
Delta R.T.: -0.005 min
Response: 22014666
Conc: 171.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



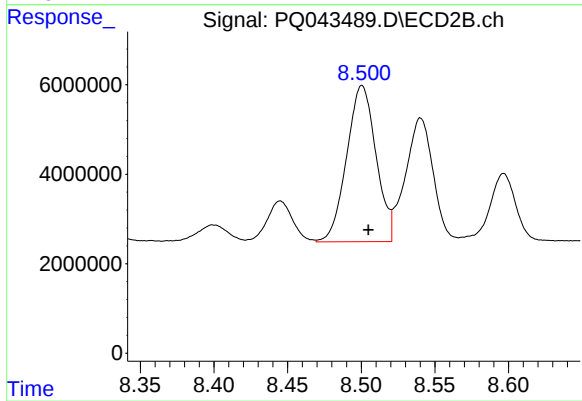
#29 AR-1254-4

R.T.: 8.054 min
Delta R.T.: -0.003 min
Response: 4673073
Conc: 84.44 ng/ml



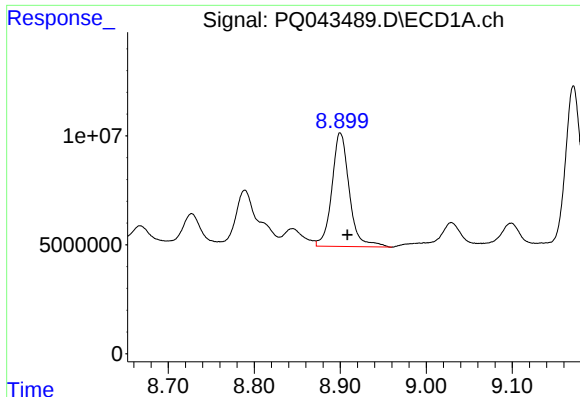
#30 AR-1254-5

R.T.: 9.468 min
Delta R.T.: -0.006 min
Response: 133225483
Conc: 877.26 ng/ml



#30 AR-1254-5

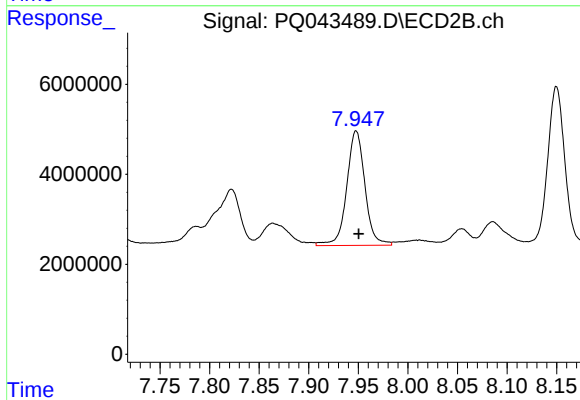
R.T.: 8.501 min
Delta R.T.: -0.004 min
Response: 48419027
Conc: 594.12 ng/ml



#31 AR-1260-1

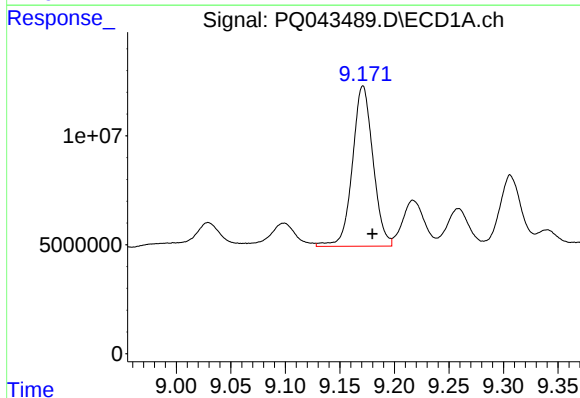
R.T.: 8.900 min
Delta R.T.: -0.008 min
Response: 73428187
Conc: 565.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



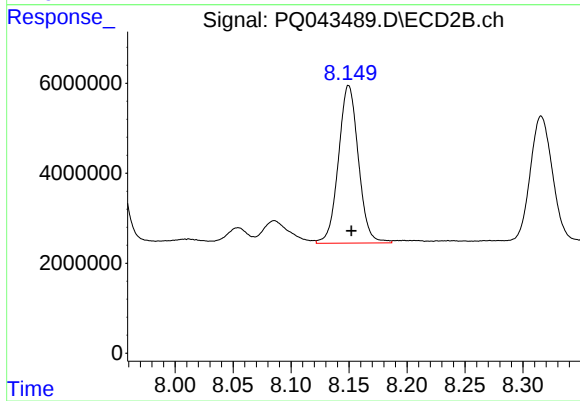
#31 AR-1260-1

R.T.: 7.948 min
Delta R.T.: -0.003 min
Response: 32578135
Conc: 561.20 ng/ml



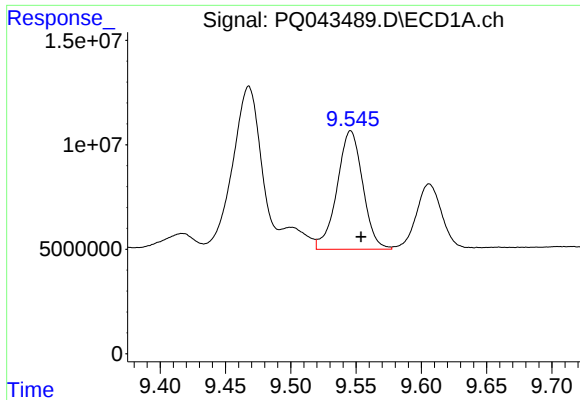
#32 AR-1260-2

R.T.: 9.171 min
Delta R.T.: -0.009 min
Response: 96794196
Conc: 582.72 ng/ml



#32 AR-1260-2

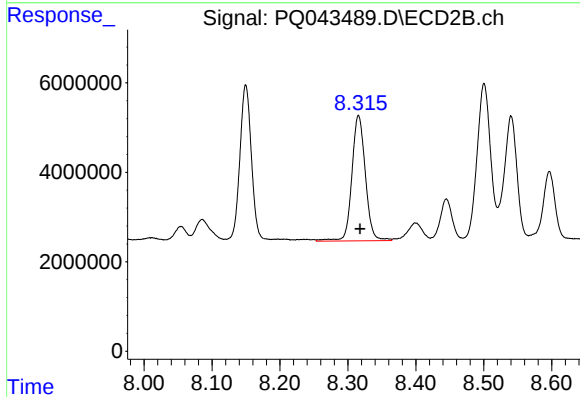
R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 41953861
Conc: 548.75 ng/ml



#33 AR-1260-3

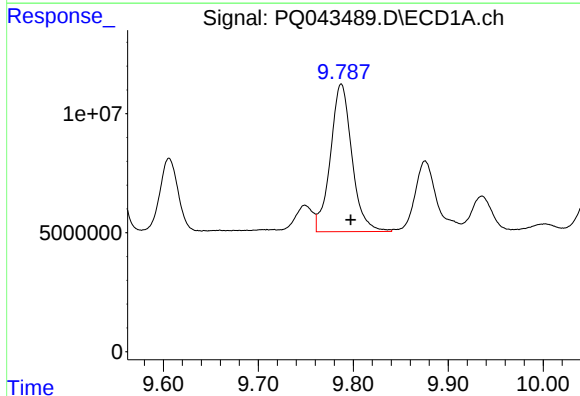
R.T.: 9.546 min
Delta R.T.: -0.008 min
Response: 77673731
Conc: 565.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



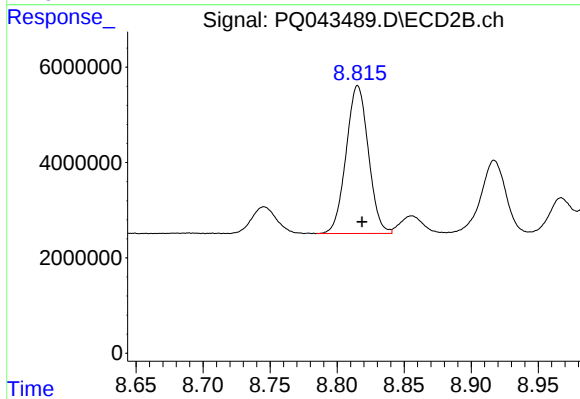
#33 AR-1260-3

R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 38720131
Conc: 552.27 ng/ml



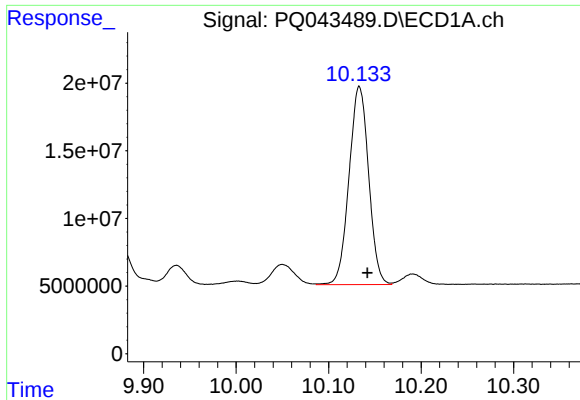
#34 AR-1260-4

R.T.: 9.787 min
Delta R.T.: -0.010 min
Response: 97484163
Conc: 573.44 ng/ml



#34 AR-1260-4

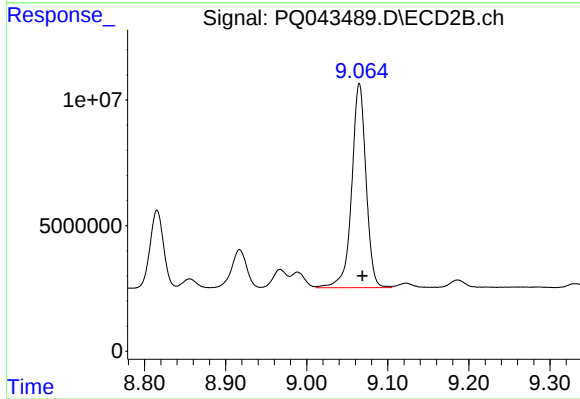
R.T.: 8.815 min
Delta R.T.: -0.003 min
Response: 35903001
Conc: 544.61 ng/ml



#35 AR-1260-5

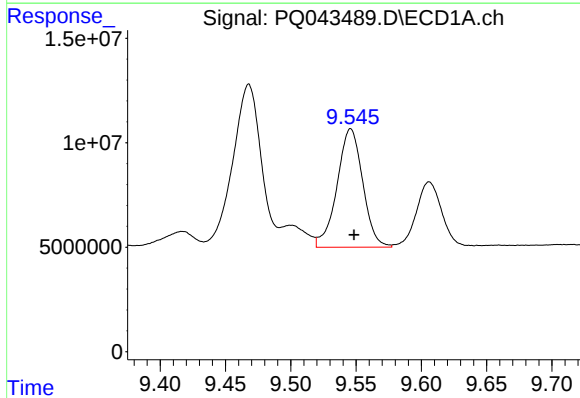
R.T.: 10.133 min
Delta R.T.: -0.009 min
Response: 215713201
Conc: 548.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



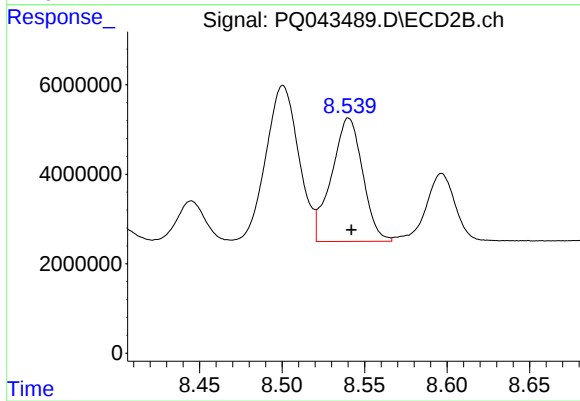
#35 AR-1260-5

R.T.: 9.065 min
Delta R.T.: -0.004 min
Response: 99736674
Conc: 531.19 ng/ml



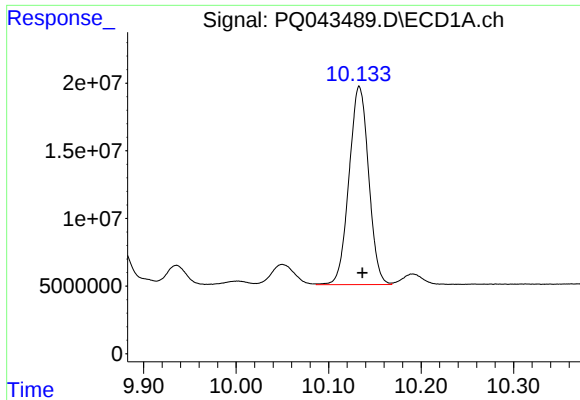
#36 AR-1262-1

R.T.: 9.546 min
Delta R.T.: -0.003 min
Response: 77673731
Conc: 352.93 ng/ml



#36 AR-1262-1

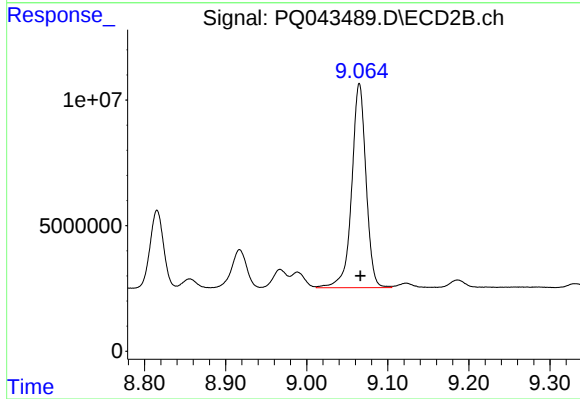
R.T.: 8.540 min
Delta R.T.: -0.002 min
Response: 36255267
Conc: 366.68 ng/ml



#37 AR-1262-2

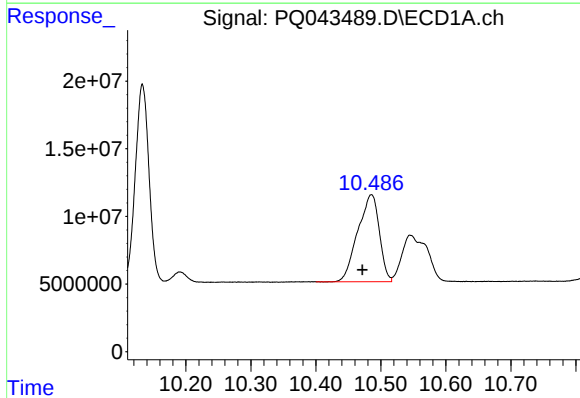
R.T.: 10.133 min
Delta R.T.: -0.003 min
Response: 215713201
Conc: 421.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



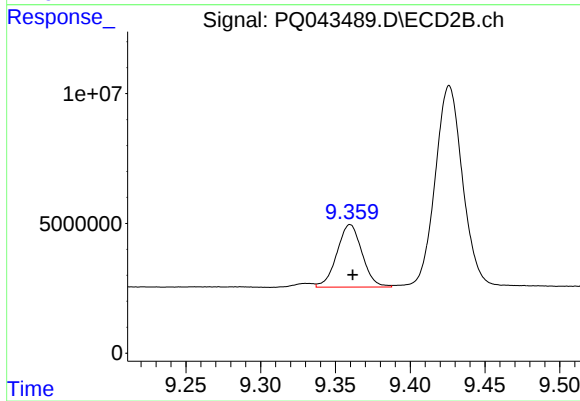
#37 AR-1262-2

R.T.: 9.065 min
Delta R.T.: -0.001 min
Response: 99736674
Conc: 446.24 ng/ml



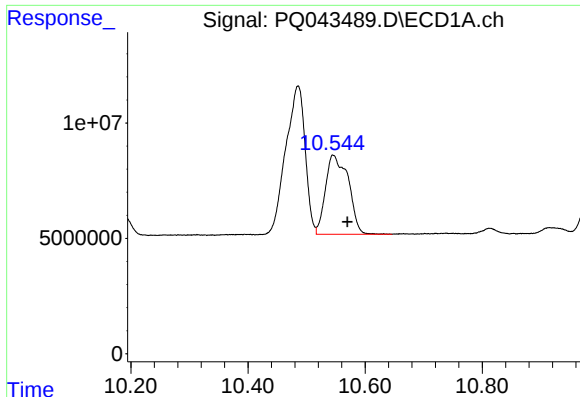
#38 AR-1262-3

R.T.: 10.485 min
Delta R.T.: 0.014 min
Response: 147965764
Conc: 385.53 ng/ml



#38 AR-1262-3

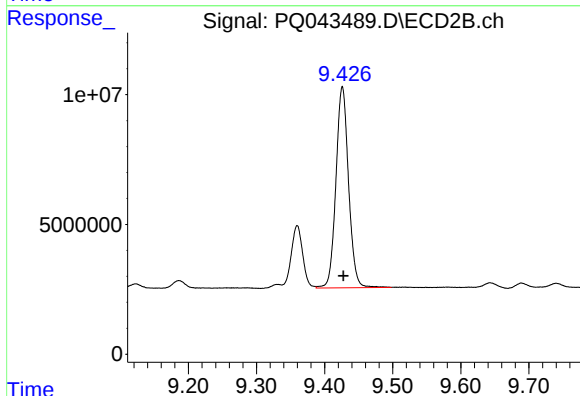
R.T.: 9.360 min
Delta R.T.: -0.002 min
Response: 28232505
Conc: 245.38 ng/ml



#39 AR-1262-4

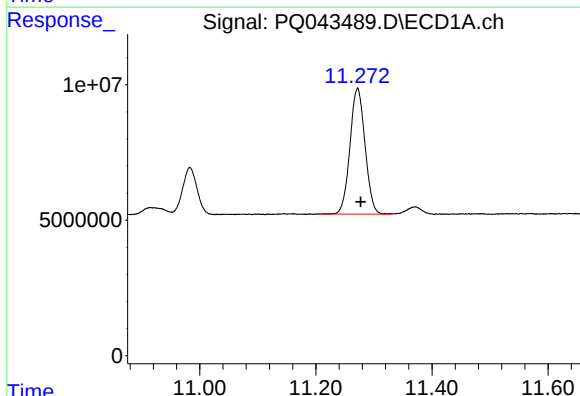
R.T.: 10.546 min
Delta R.T.: -0.024 min
Response: 92882742
Conc: 544.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



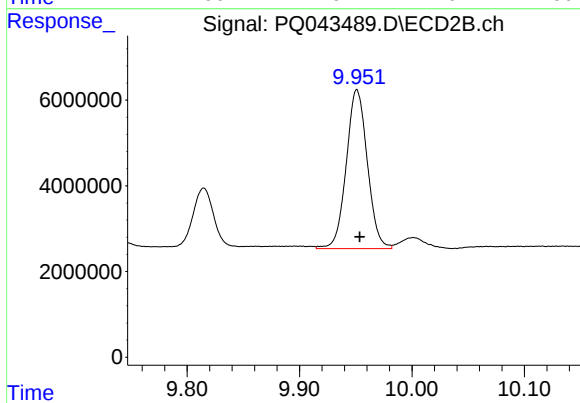
#39 AR-1262-4

R.T.: 9.426 min
Delta R.T.: -0.002 min
Response: 99702093
Conc: 442.54 ng/ml



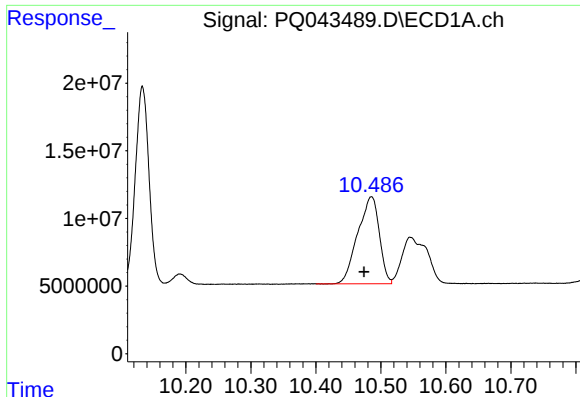
#40 AR-1262-5

R.T.: 11.272 min
Delta R.T.: -0.006 min
Response: 83596786
Conc: 287.23 ng/ml



#40 AR-1262-5

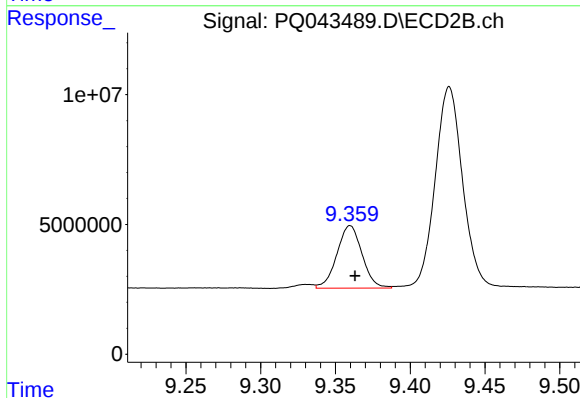
R.T.: 9.951 min
Delta R.T.: -0.002 min
Response: 48325179
Conc: 312.79 ng/ml



#41 AR-1268-1

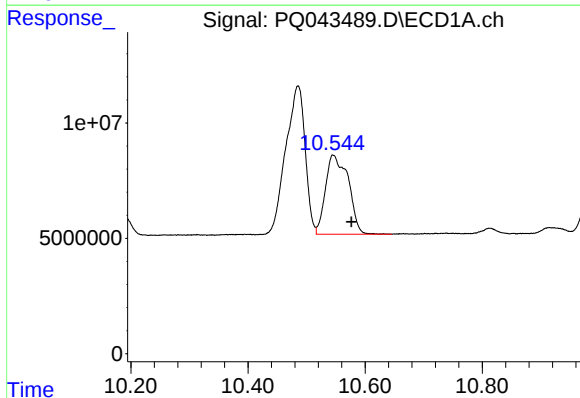
R.T.: 10.485 min
Delta R.T.: 0.011 min
Response: 147965764
Conc: 231.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



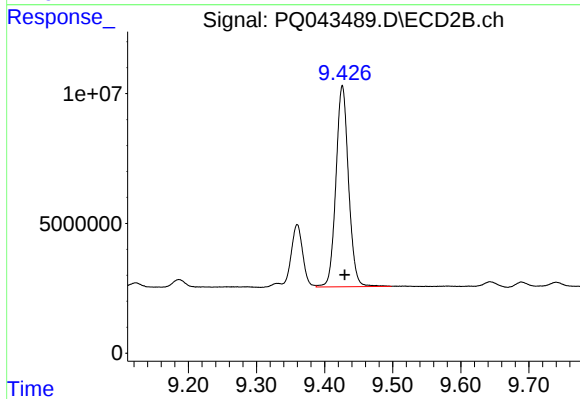
#41 AR-1268-1

R.T.: 9.360 min
Delta R.T.: -0.003 min
Response: 28232505
Conc: 86.35 ng/ml



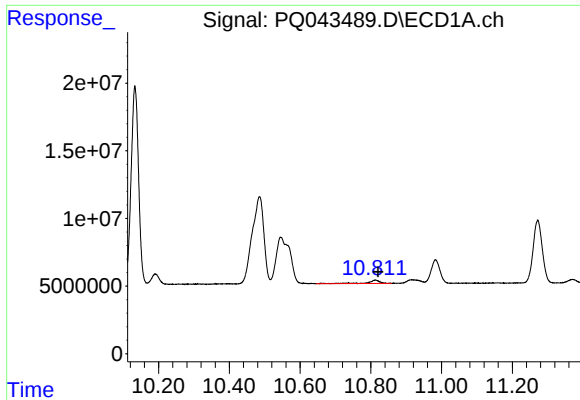
#42 AR-1268-2

R.T.: 10.546 min
Delta R.T.: -0.031 min
Response: 92882742
Conc: 149.46 ng/ml



#42 AR-1268-2

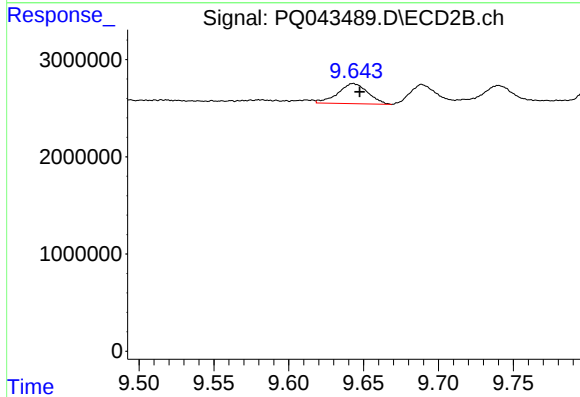
R.T.: 9.426 min
Delta R.T.: -0.003 min
Response: 99702093
Conc: 311.71 ng/ml



#43 AR-1268-3

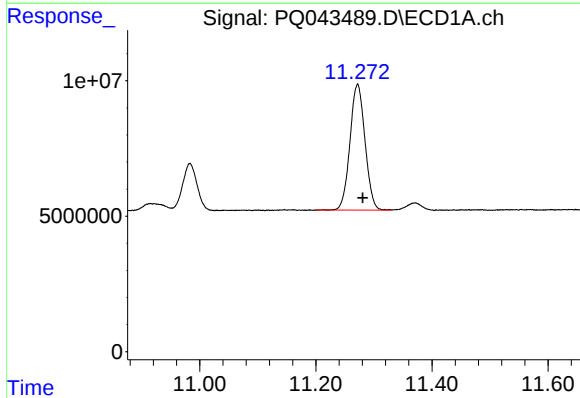
R.T.: 10.813 min
Delta R.T.: -0.008 min
Response: 5546691
Conc: 10.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



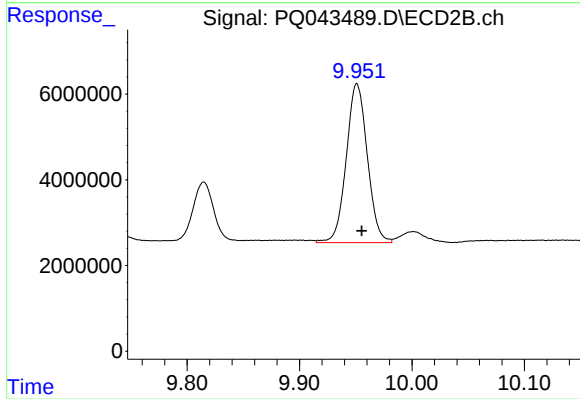
#43 AR-1268-3

R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 2891580
Conc: 10.20 ng/ml



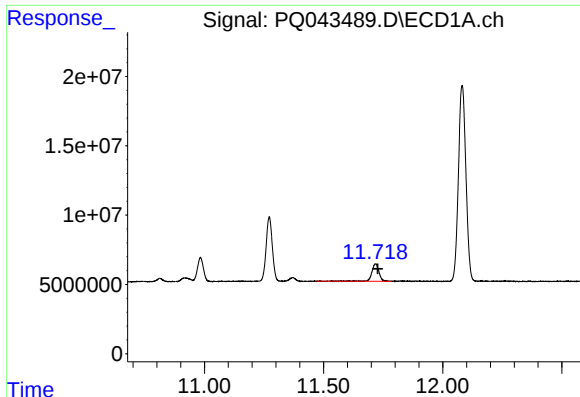
#44 AR-1268-4

R.T.: 11.272 min
Delta R.T.: -0.009 min
Response: 83596786
Conc: 288.18 ng/ml



#44 AR-1268-4

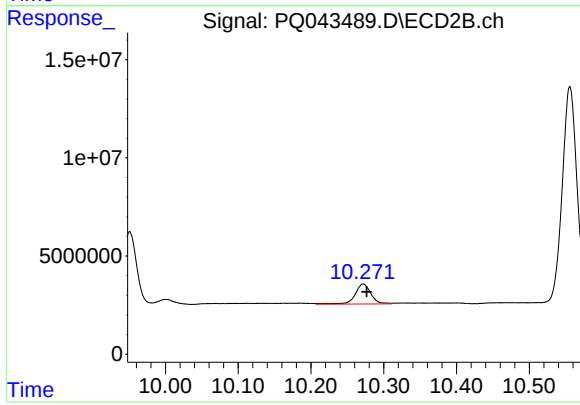
R.T.: 9.951 min
Delta R.T.: -0.004 min
Response: 48325179
Conc: 297.34 ng/ml



#45 AR-1268-5

R.T.: 11.718 min
Delta R.T.: -0.010 min
Response: 25952541
Conc: 10.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.272 min
Delta R.T.: -0.005 min
Response: 15423178
Conc: 12.28 ng/ml