

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042921\
 Data File : PQ053300.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2021 19:28
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12543015

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 01:22:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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...	5.220	4.237	633.8E6	264.2E6	22.590	22.718
2)	SA Decachlor...	11.411	9.576	1049.3E6	441.1E6	37.102	35.443
Target Compounds							
3)	L1 AR-1016-1	6.545	5.494	15952266	7524224	16.373	17.085
4)	L1 AR-1016-2	6.572	5.515	20462658	6665568	14.072	10.535 #
5)	L1 AR-1016-3	6.636	5.708	9283592	4157452	10.560	12.607
6)	L1 AR-1016-4	6.742	5.757	9458754	173.6E6	13.057	665.880 #
7)	L1 AR-1016-5	7.058	5.988	204.1E6	97687374	295.486	293.946
9)	L2 AR-1221-2	5.576	4.593	8112214	4861019	39.315	54.707 #
10)	L2 AR-1221-3	5.660	4.682	5799863	2042573	8.355	6.614
11)	L3 AR-1232-1	5.660	4.682	5799863	2042573	11.168	8.948
12)	L3 AR-1232-2	6.250	5.515	7413892	6665568	26.477	27.282
13)	L3 AR-1232-3	6.572	5.708	20462658	4157452	35.691	33.994
14)	L3 AR-1232-4	6.742	5.801	9458754	49581942	33.071	473.562 #
15)	L3 AR-1232-5	6.837	5.988	348.5E6	97687374	1707.592	832.848 #
16)	L4 AR-1242-1	6.545	5.494	15952266	7524224	17.592	18.771
17)	L4 AR-1242-2	6.572	5.515	20462658	6665568	15.067	11.428
18)	L4 AR-1242-3	6.636	5.708	9283592	4157452	11.249	13.724
19)	L4 AR-1242-4	6.742	5.801	9458754	49581942	13.806	174.309 #
20)	L4 AR-1242-5	7.529	6.367	185.4E6	456.3E6	254.085	1151.723 #
21)	L5 AR-1248-1	6.545	5.494	15952266	7524224	25.780	27.625
22)	L5 AR-1248-2	6.837	5.757	348.5E6	173.6E6	399.523	466.809
23)	L5 AR-1248-3	7.058	5.801	204.1E6	49581942	208.206	129.865 #
24)	L5 AR-1248-4	7.485	5.988	304.8E6	97687374	266.744	208.962
25)	L5 AR-1248-5	7.529	6.410	185.4E6	51321498	162.647	104.300 #
26)	L6 AR-1254-1	7.456	6.367	599.1E6	456.3E6	381.085	425.543
27)	L6 AR-1254-2	7.683	6.525	914.9E6	400.8E6	373.695	420.215
28)	L6 AR-1254-3	8.068	6.947	939.0E6	632.6E6	356.799	408.447
29)	L6 AR-1254-4	8.362	7.185	679.7E6	428.7E6	353.169	409.406
30)	L6 AR-1254-5	8.791	7.614	705.8E6	557.3E6	345.024	381.947
31)	L7 AR-1260-1	8.233	7.084	338.8E6	294.7E6	294.317	454.698 #
32)	L7 AR-1260-2	8.496	7.279	397.0E6	281.1E6	284.923	303.249
33)	L7 AR-1260-3	8.855	7.434	85757455	241.4E6	80.095	310.280 #
34)	L7 AR-1260-4	9.100	7.918	262.9E6	24340971	217.140	35.853 #
35)	L7 AR-1260-5	9.452	8.164	121.9E6	65812977	47.646	35.573 #
36)	L8 AR-1262-1	8.855	7.614	85757455	557.3E6	42.877	909.211 #
37)	L8 AR-1262-2	9.452	8.164	121.9E6	65812977	32.851	25.900
38)	L8 AR-1262-3	9.812	8.452	80172691	992860	31.946	0.977 #
39)	L8 AR-1262-4	9.864	8.512	23399913	53279978	11.708	30.927 #
40)	L8 AR-1262-5	10.598	9.018	5452718	2007006	3.847	2.578 #
41)	L9 AR-1268-1	9.812	8.452	80172691	992860	18.020	0.339 #
42)	L9 AR-1268-2	9.864	8.512	23399913	53279978	5.457	21.400 #
43)	L9 AR-1268-3	0.000	8.724	0	1642766	N.D.	0.758 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042921\
 Data File : PQ053300.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2021 19:28
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

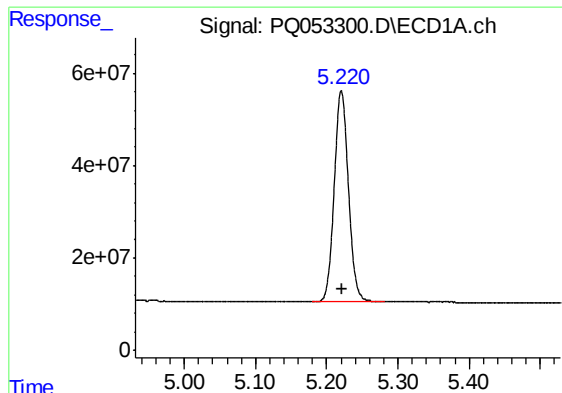
Instrument :
 ECD_Q
 ClientSampleId :
 AR12543015

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 01:22:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.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	10.598	9.018	5452718	2007006	3.542	2.353 #
45) L9	AR-1268-5	11.047	9.318	6597624	3127289	0.512	0.504

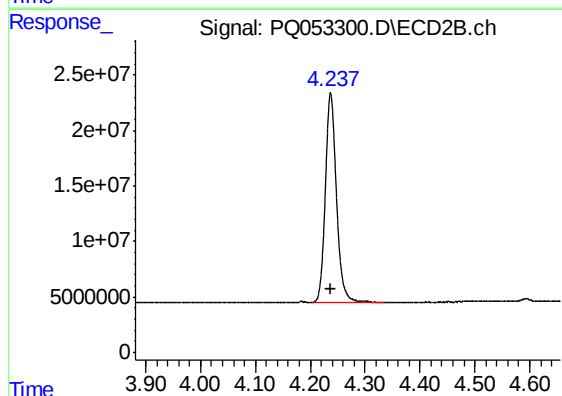
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

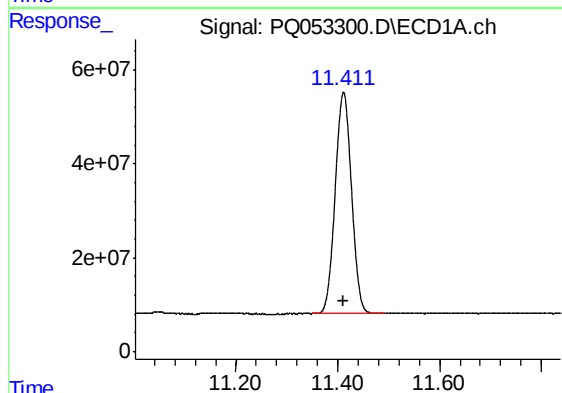
R.T.: 5.220 min
Delta R.T.: -0.002 min
Response: 633841628
Conc: 22.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



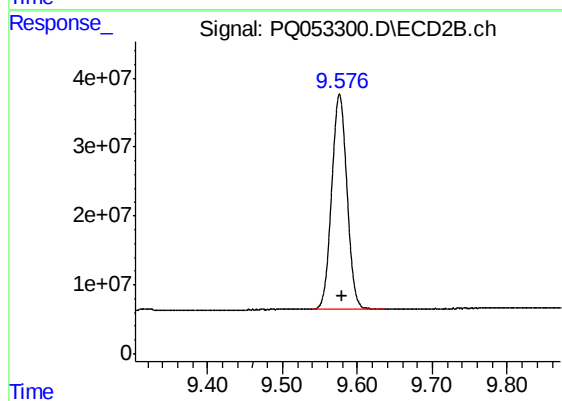
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 264171369
Conc: 22.72 ng/ml



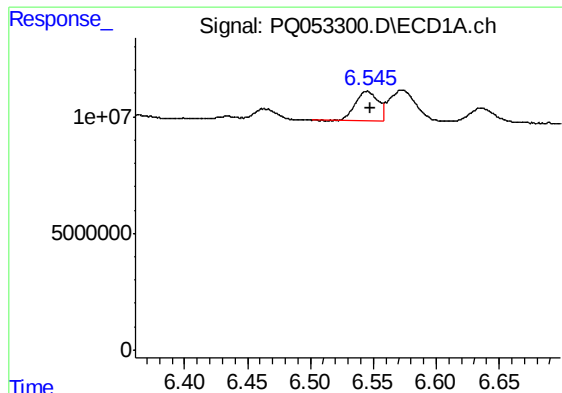
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: 0.000 min
Response: 1049320547
Conc: 37.10 ng/ml



#2 Decachlorobiphenyl

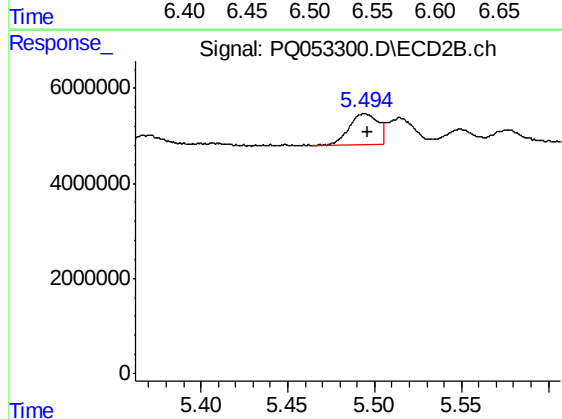
R.T.: 9.576 min
Delta R.T.: -0.003 min
Response: 441131993
Conc: 35.44 ng/ml



#3 AR-1016-1

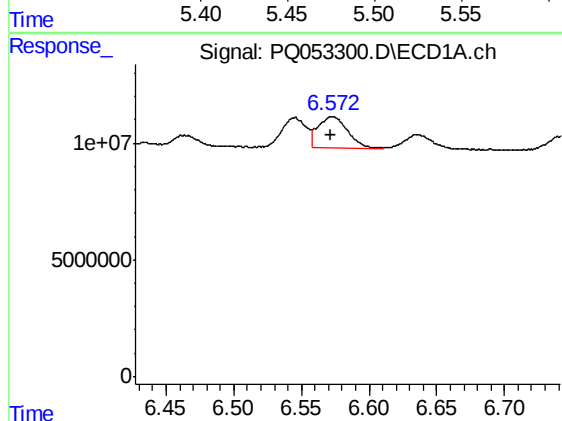
R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 15952266
Conc: 16.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



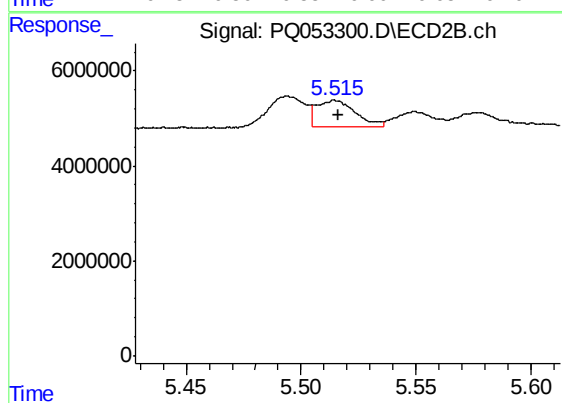
#3 AR-1016-1

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 7524224
Conc: 17.08 ng/ml



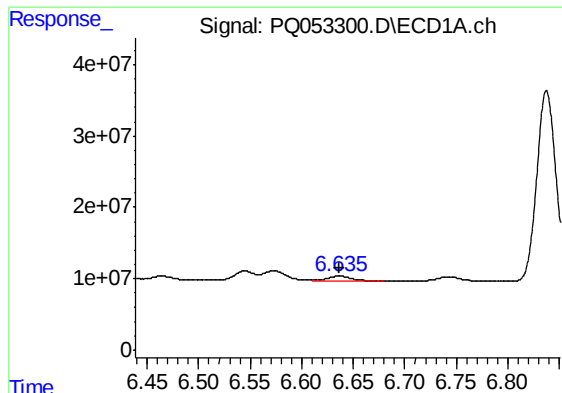
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 20462658
Conc: 14.07 ng/ml



#4 AR-1016-2

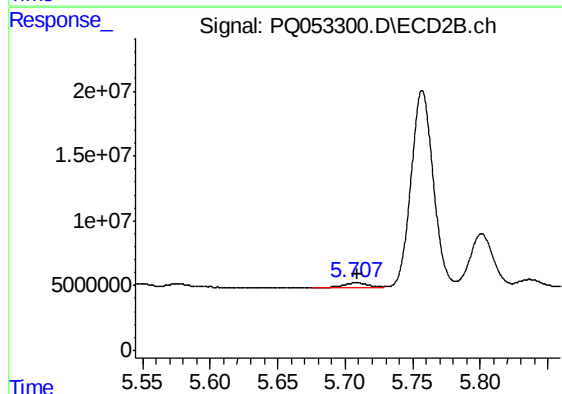
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 6665568
Conc: 10.54 ng/ml



#5 AR-1016-3

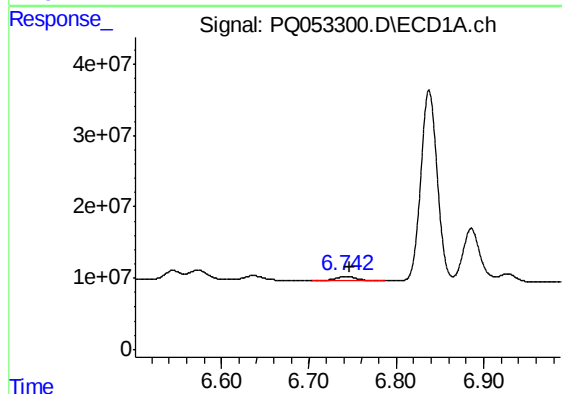
R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 9283592
Conc: 10.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



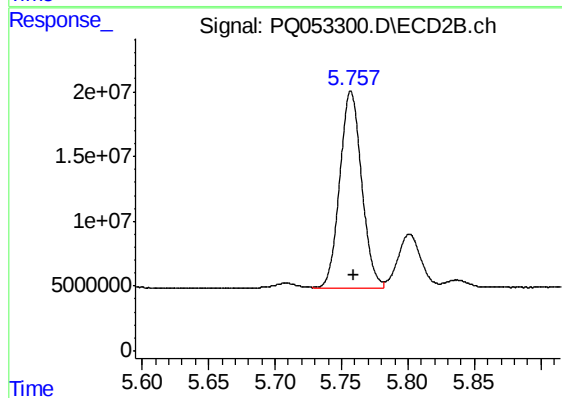
#5 AR-1016-3

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 4157452
Conc: 12.61 ng/ml



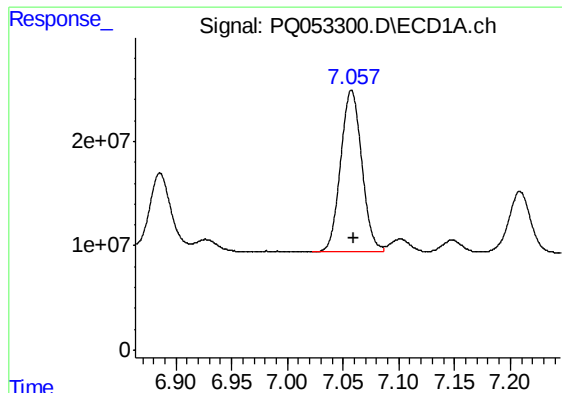
#6 AR-1016-4

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 9458754
Conc: 13.06 ng/ml



#6 AR-1016-4

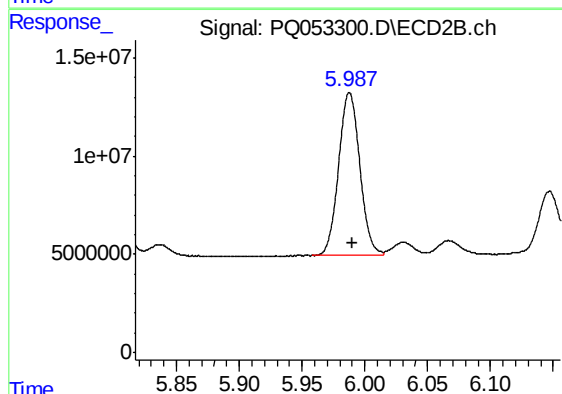
R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 173571123
Conc: 665.88 ng/ml



#7 AR-1016-5

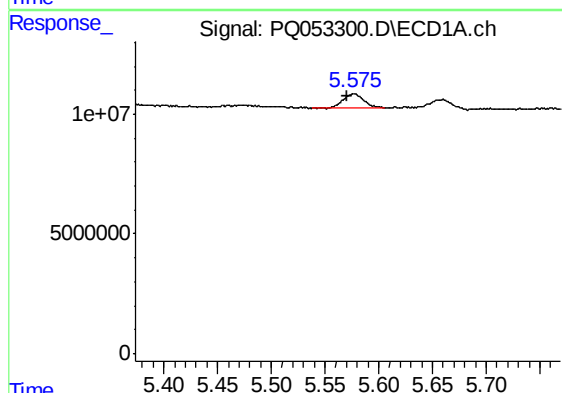
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 204089776
Conc: 295.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



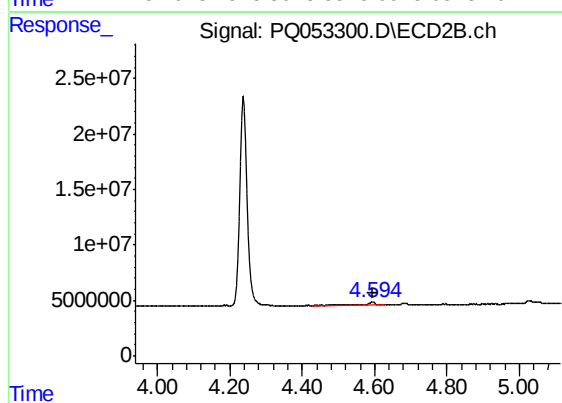
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 97687374
Conc: 293.95 ng/ml



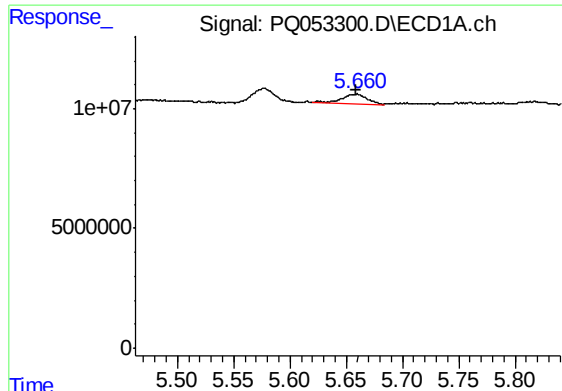
#9 AR-1221-2

R.T.: 5.576 min
Delta R.T.: 0.006 min
Response: 8112214
Conc: 39.31 ng/ml



#9 AR-1221-2

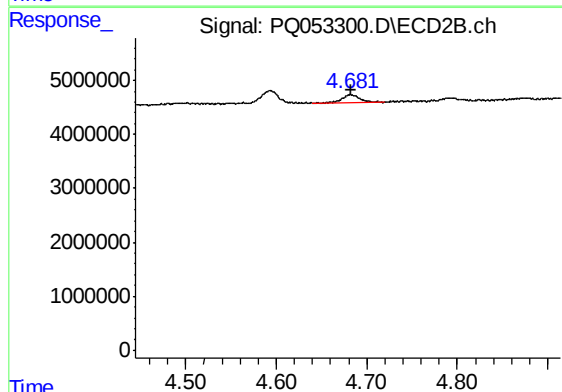
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 4861019
Conc: 54.71 ng/ml



#10 AR-1221-3

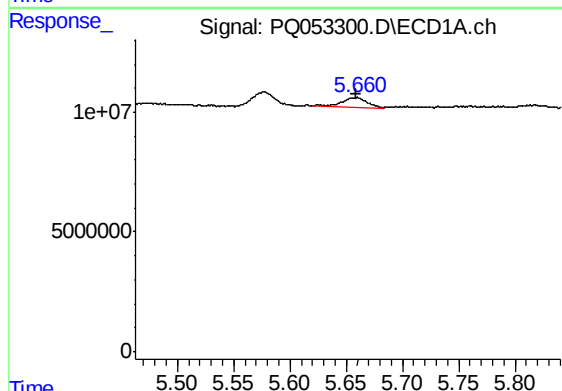
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 5799863
Conc: 8.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



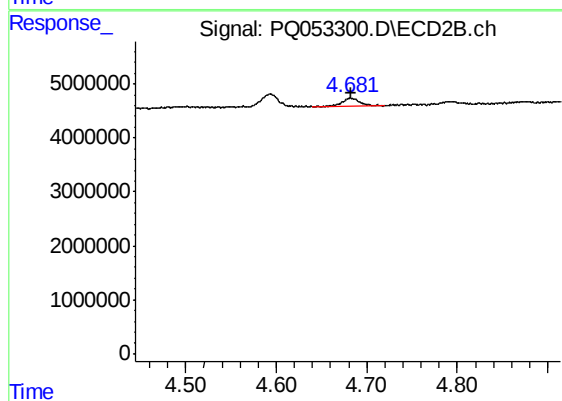
#10 AR-1221-3

R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 2042573
Conc: 6.61 ng/ml



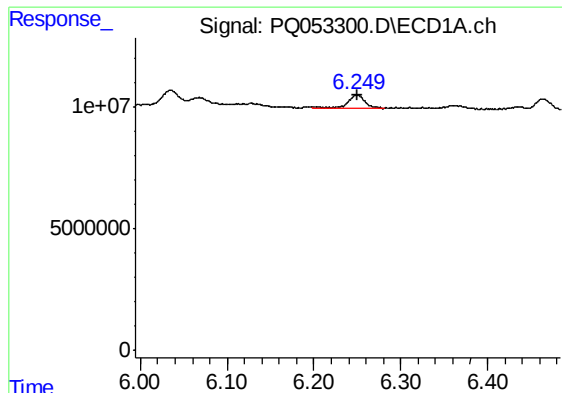
#11 AR-1232-1

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 5799863
Conc: 11.17 ng/ml



#11 AR-1232-1

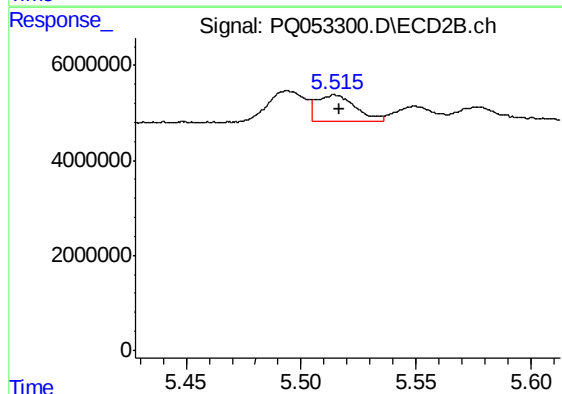
R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 2042573
Conc: 8.95 ng/ml



#12 AR-1232-2

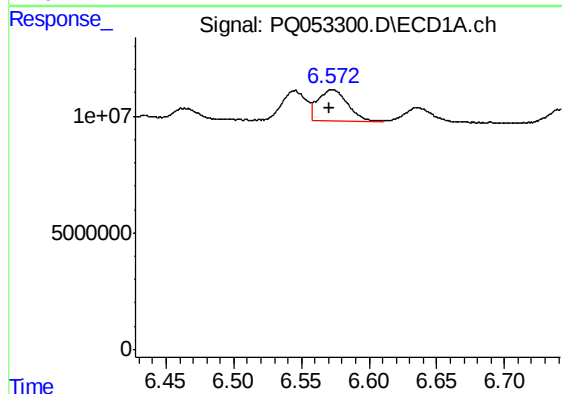
R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 7413892
Conc: 26.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



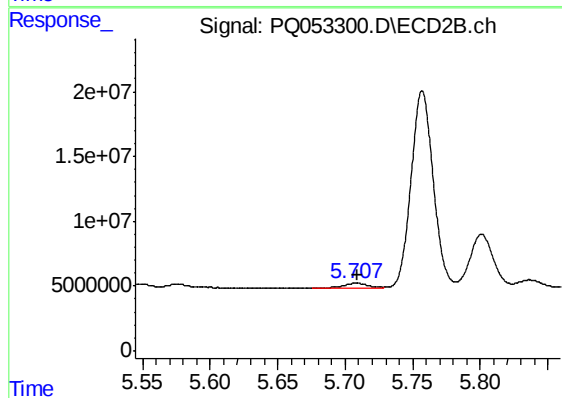
#12 AR-1232-2

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 6665568
Conc: 27.28 ng/ml



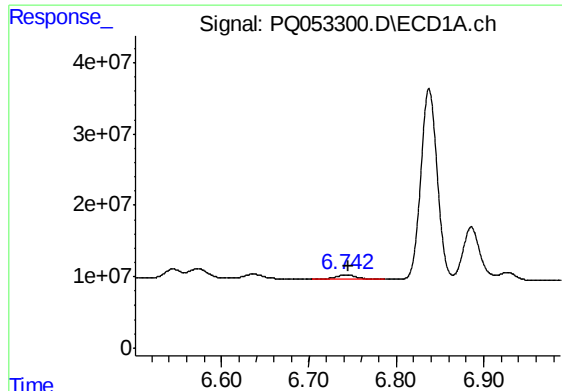
#13 AR-1232-3

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 20462658
Conc: 35.69 ng/ml



#13 AR-1232-3

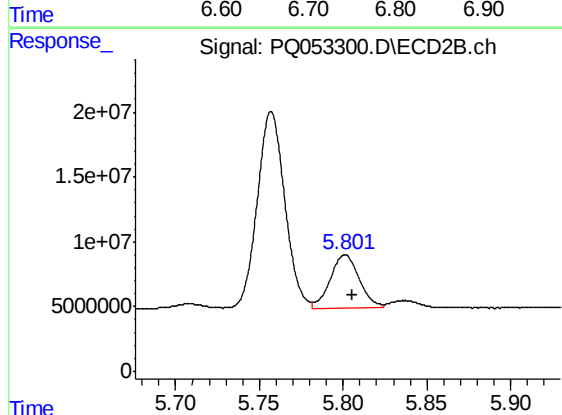
R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 4157452
Conc: 33.99 ng/ml



#14 AR-1232-4

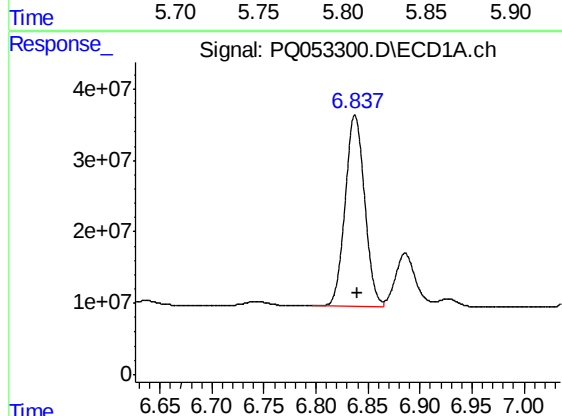
R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 9458754
Conc: 33.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



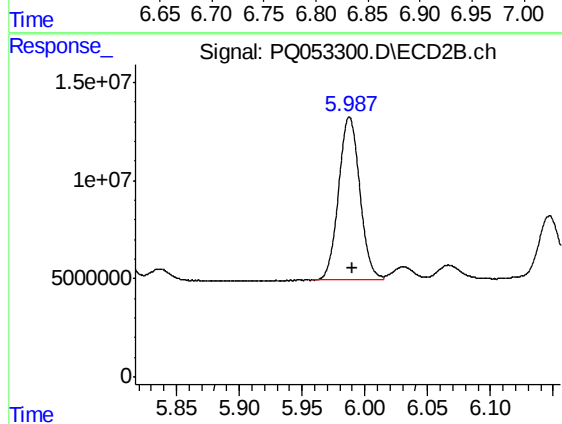
#14 AR-1232-4

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 49581942
Conc: 473.56 ng/ml



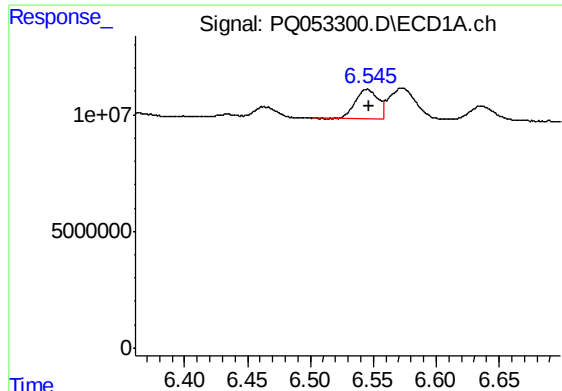
#15 AR-1232-5

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 348455611
Conc: 1707.59 ng/ml



#15 AR-1232-5

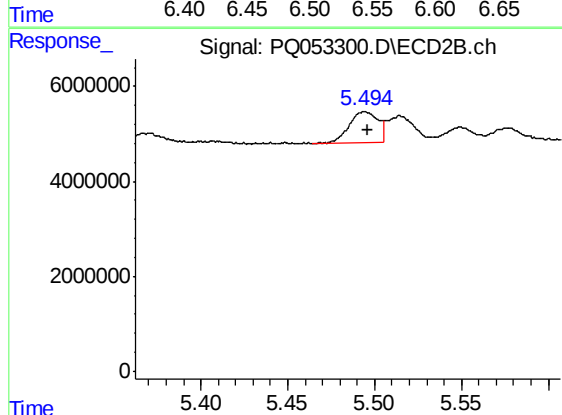
R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 97687374
Conc: 832.85 ng/ml



#16 AR-1242-1

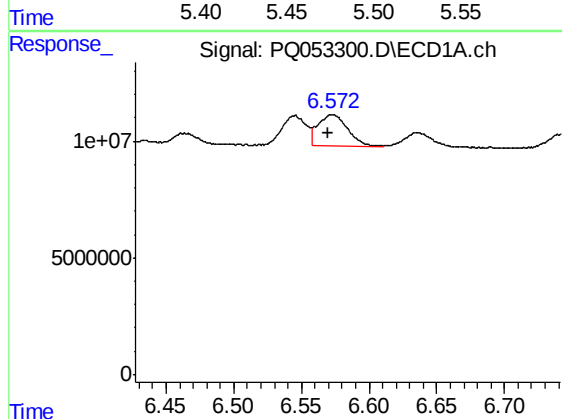
R.T.: 6.545 min
Delta R.T.: -0.001 min
Response: 15952266
Conc: 17.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



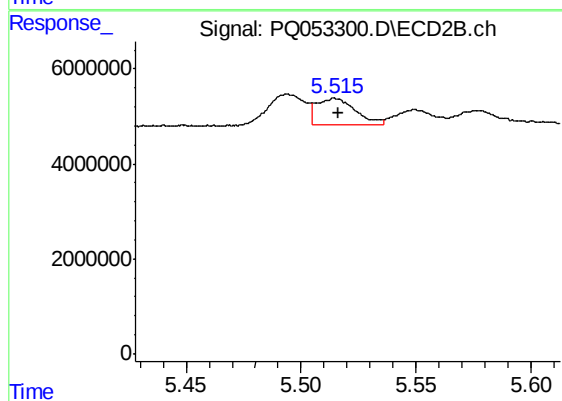
#16 AR-1242-1

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 7524224
Conc: 18.77 ng/ml



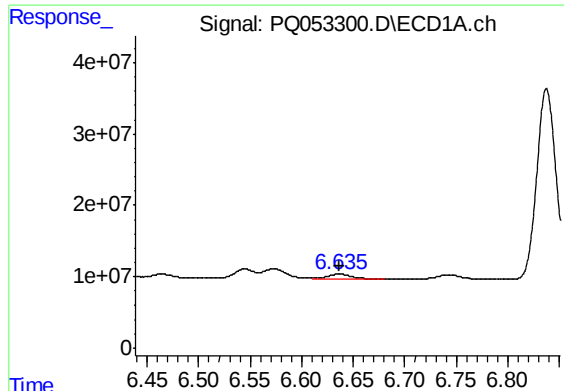
#17 AR-1242-2

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 20462658
Conc: 15.07 ng/ml



#17 AR-1242-2

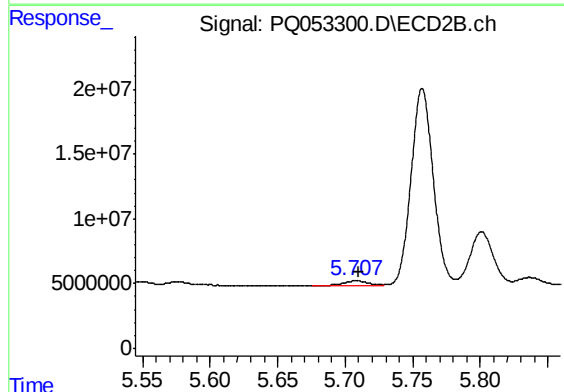
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 6665568
Conc: 11.43 ng/ml



#18 AR-1242-3

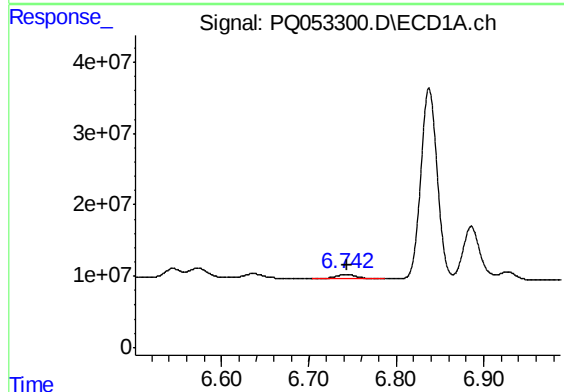
R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 9283592
Conc: 11.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



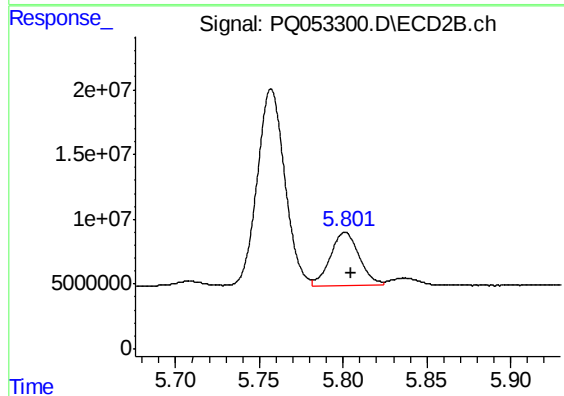
#18 AR-1242-3

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 4157452
Conc: 13.72 ng/ml



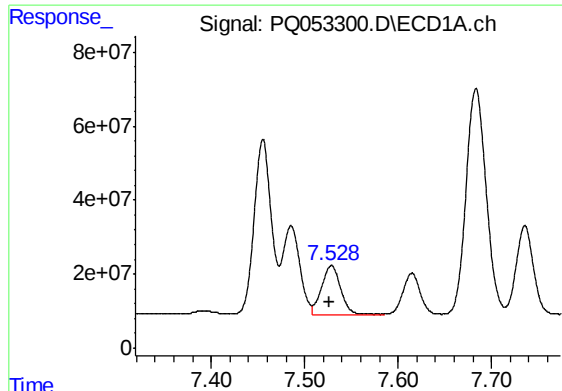
#19 AR-1242-4

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 9458754
Conc: 13.81 ng/ml



#19 AR-1242-4

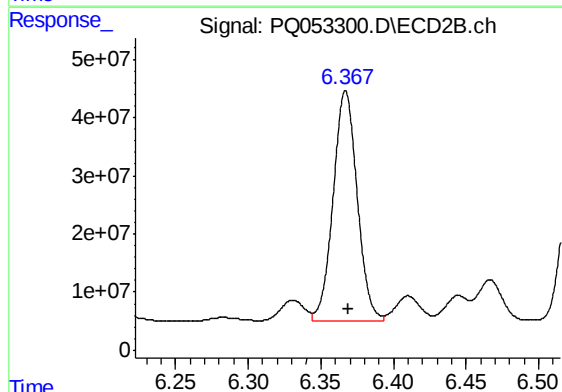
R.T.: 5.801 min
Delta R.T.: -0.003 min
Response: 49581942
Conc: 174.31 ng/ml



#20 AR-1242-5

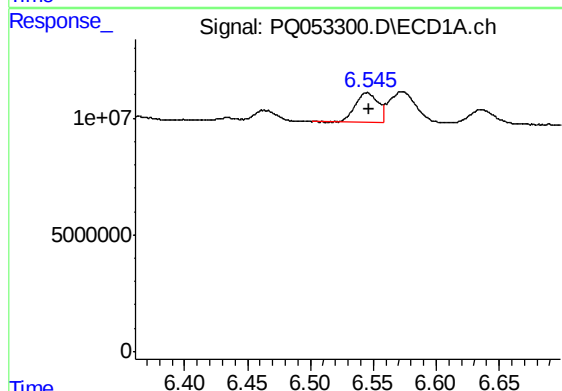
R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 185358090
Conc: 254.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



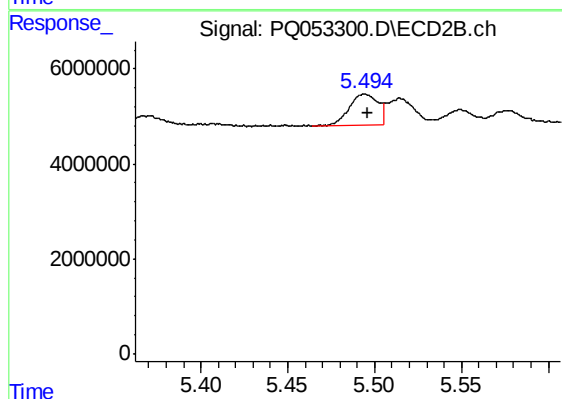
#20 AR-1242-5

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 456280689
Conc: 1151.72 ng/ml



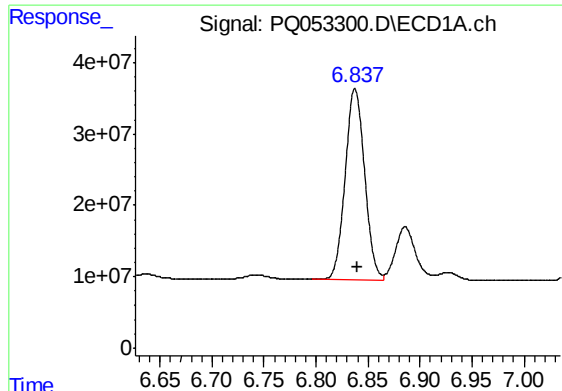
#21 AR-1248-1

R.T.: 6.545 min
Delta R.T.: -0.001 min
Response: 15952266
Conc: 25.78 ng/ml



#21 AR-1248-1

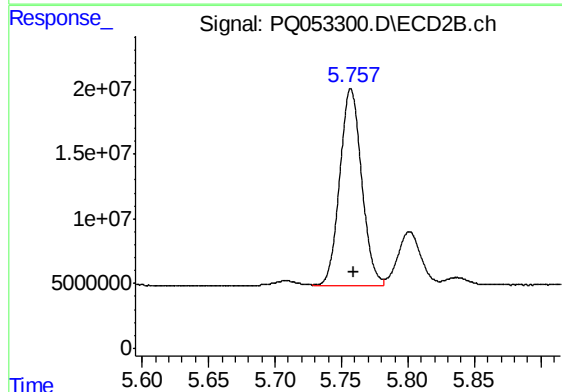
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 7524224
Conc: 27.62 ng/ml



#22 AR-1248-2

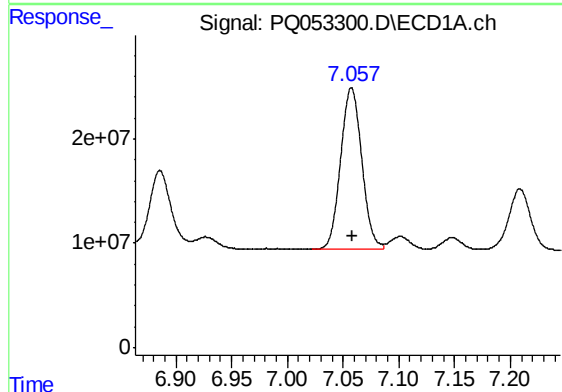
R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 348455611
Conc: 399.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



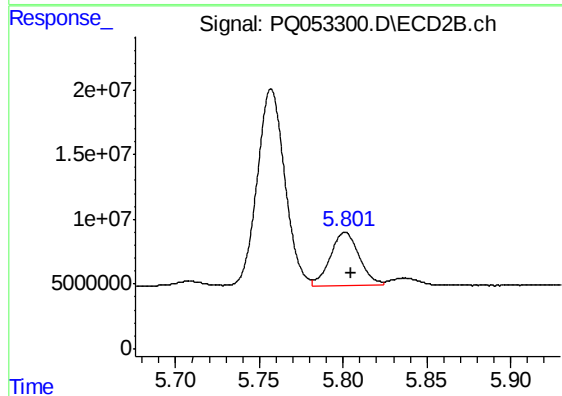
#22 AR-1248-2

R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 173571123
Conc: 466.81 ng/ml



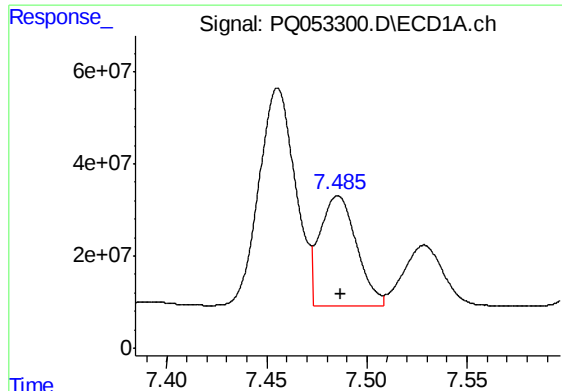
#23 AR-1248-3

R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 204089776
Conc: 208.21 ng/ml



#23 AR-1248-3

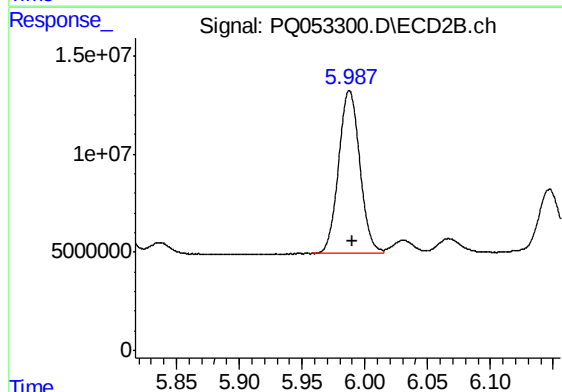
R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 49581942
Conc: 129.86 ng/ml



#24 AR-1248-4

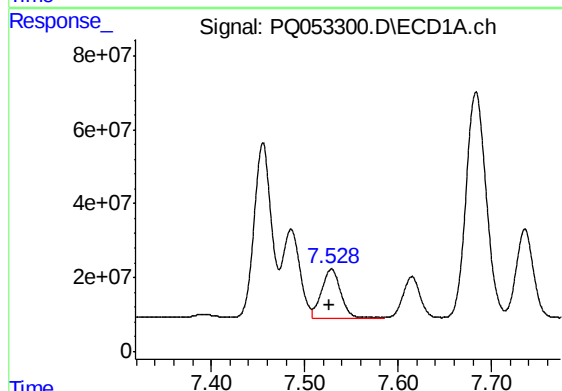
R.T.: 7.485 min
Delta R.T.: -0.001 min
Response: 304816255
Conc: 266.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



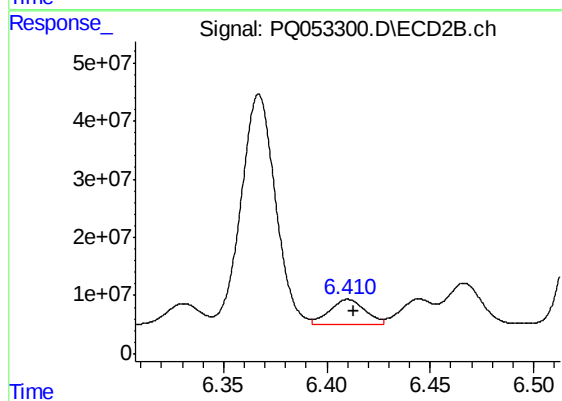
#24 AR-1248-4

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 97687374
Conc: 208.96 ng/ml



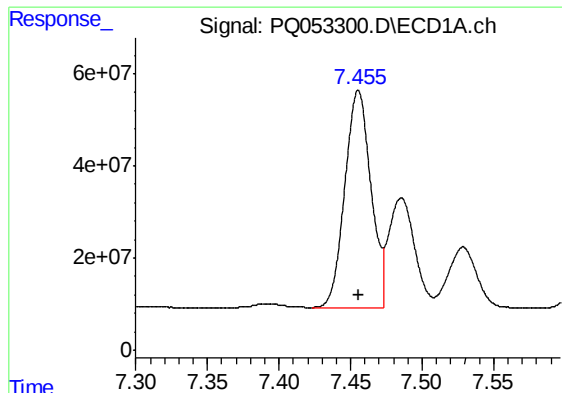
#25 AR-1248-5

R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 185358090
Conc: 162.65 ng/ml



#25 AR-1248-5

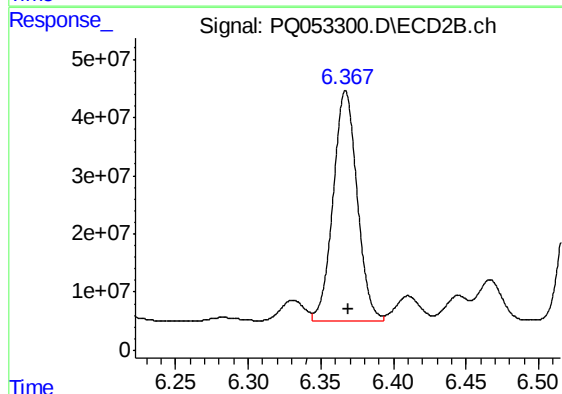
R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 51321498
Conc: 104.30 ng/ml



#26 AR-1254-1

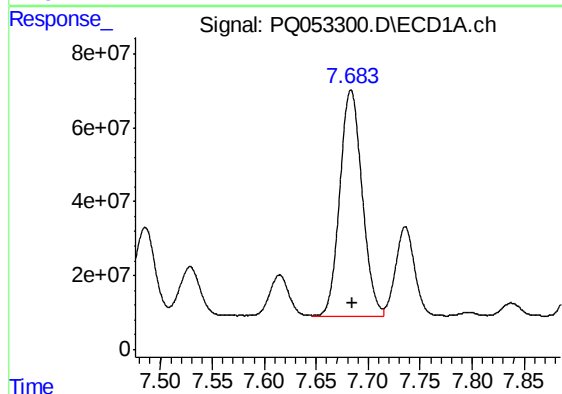
R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 599086026
Conc: 381.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



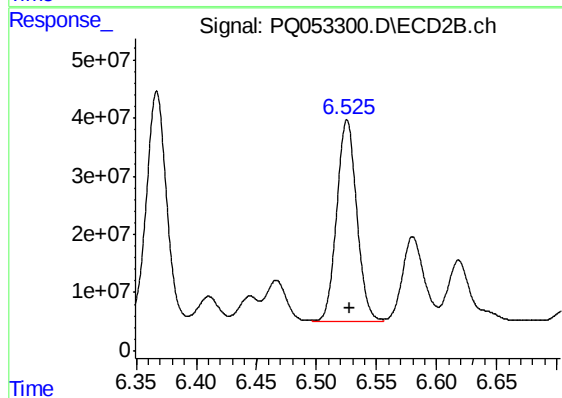
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 456280689
Conc: 425.54 ng/ml



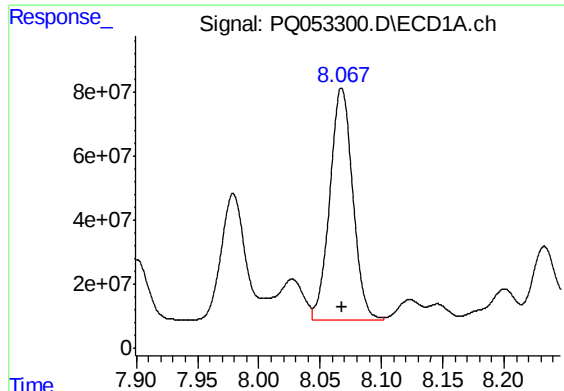
#27 AR-1254-2

R.T.: 7.683 min
Delta R.T.: -0.001 min
Response: 914905078
Conc: 373.70 ng/ml



#27 AR-1254-2

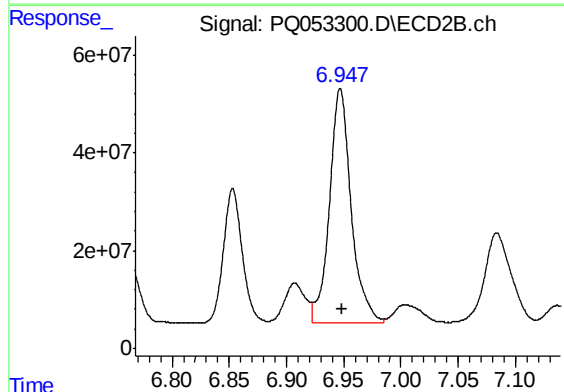
R.T.: 6.525 min
Delta R.T.: -0.002 min
Response: 400817385
Conc: 420.21 ng/ml



#28 AR-1254-3

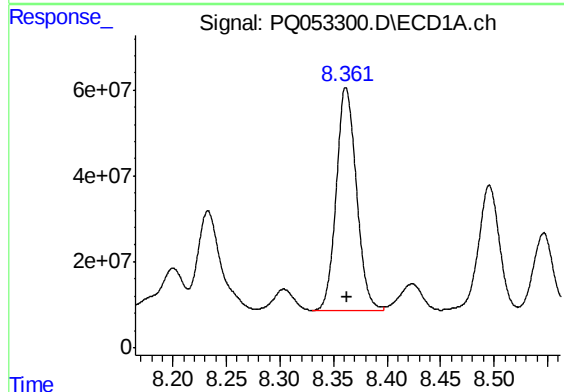
R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 938950373
Conc: 356.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



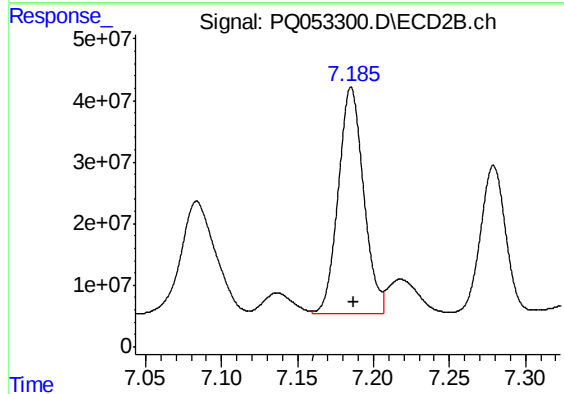
#28 AR-1254-3

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 632615938
Conc: 408.45 ng/ml



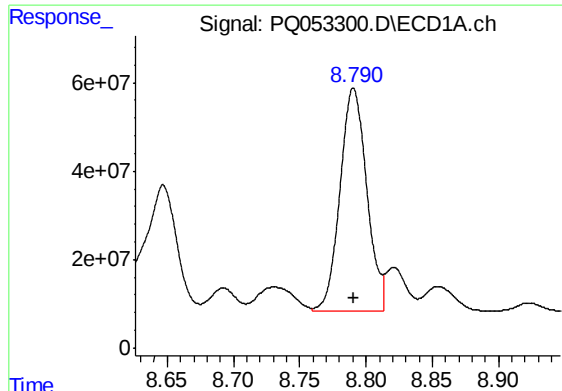
#29 AR-1254-4

R.T.: 8.362 min
Delta R.T.: -0.001 min
Response: 679692423
Conc: 353.17 ng/ml



#29 AR-1254-4

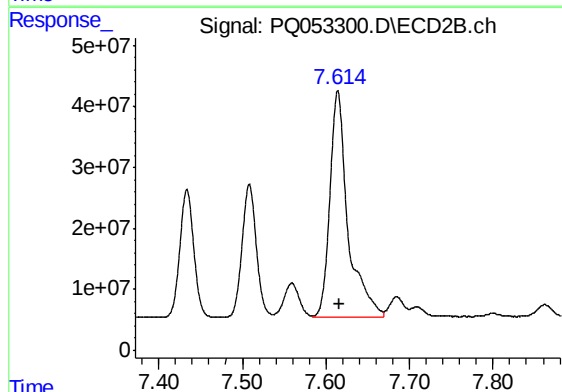
R.T.: 7.185 min
Delta R.T.: -0.002 min
Response: 428683719
Conc: 409.41 ng/ml



#30 AR-1254-5

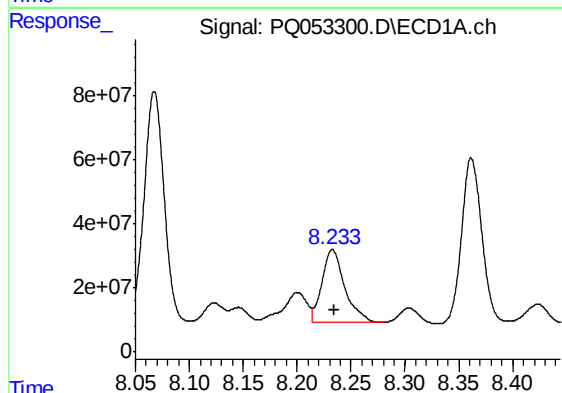
R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 705799841
Conc: 345.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



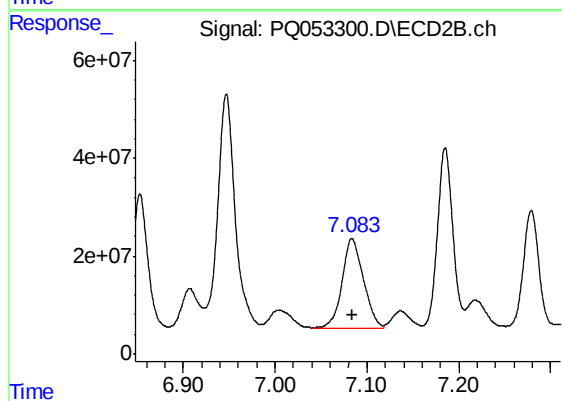
#30 AR-1254-5

R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 557342356
Conc: 381.95 ng/ml



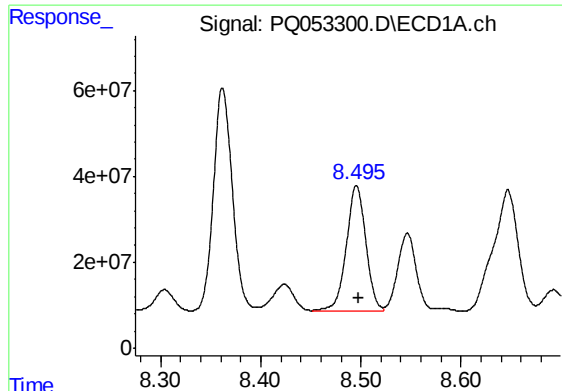
#31 AR-1260-1

R.T.: 8.233 min
Delta R.T.: -0.001 min
Response: 338845358
Conc: 294.32 ng/ml



#31 AR-1260-1

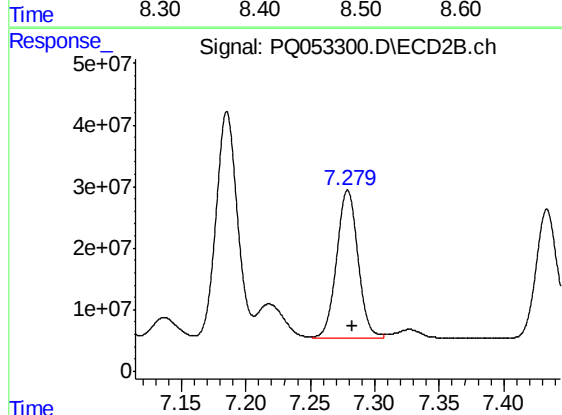
R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 294659447
Conc: 454.70 ng/ml



#32 AR-1260-2

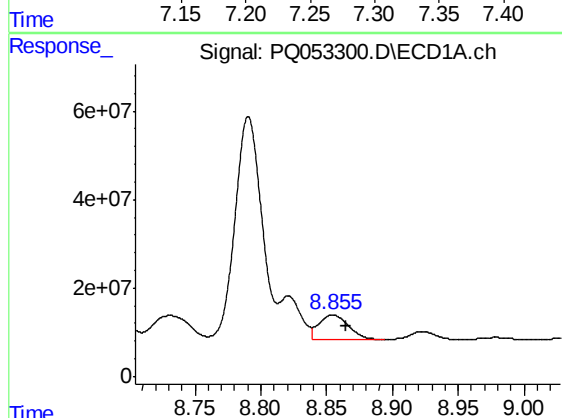
R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 396979164
Conc: 284.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



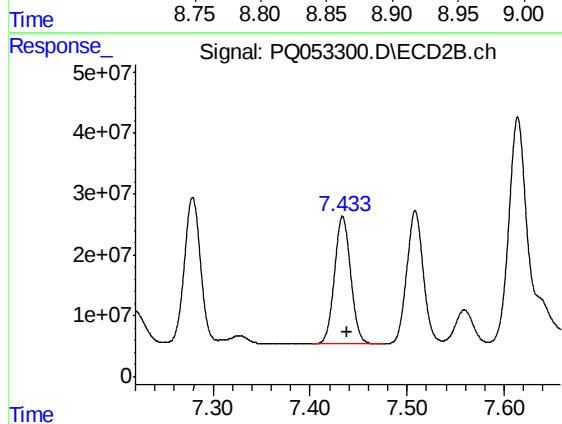
#32 AR-1260-2

R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 281098939
Conc: 303.25 ng/ml



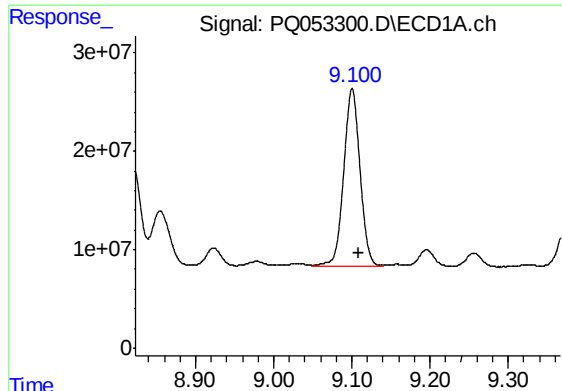
#33 AR-1260-3

R.T.: 8.855 min
Delta R.T.: -0.010 min
Response: 85757455
Conc: 80.10 ng/ml



#33 AR-1260-3

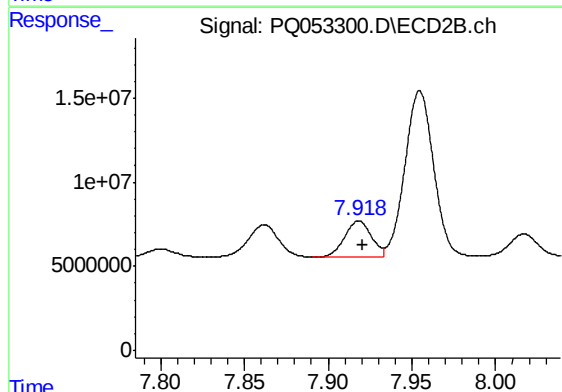
R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 241430978
Conc: 310.28 ng/ml



#34 AR-1260-4

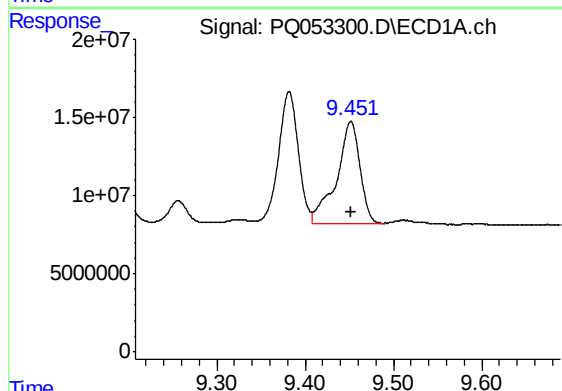
R.T.: 9.100 min
Delta R.T.: -0.008 min
Response: 262933162
Conc: 217.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



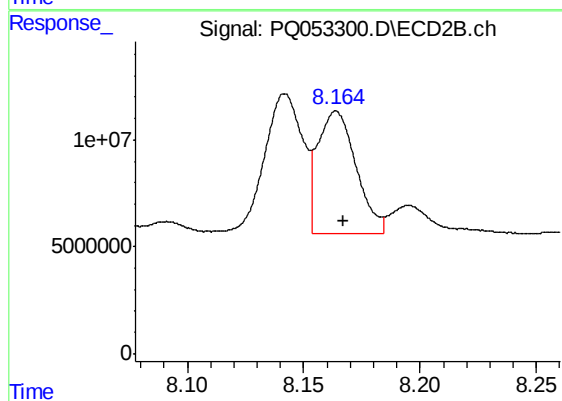
#34 AR-1260-4

R.T.: 7.918 min
Delta R.T.: -0.002 min
Response: 24340971
Conc: 35.85 ng/ml



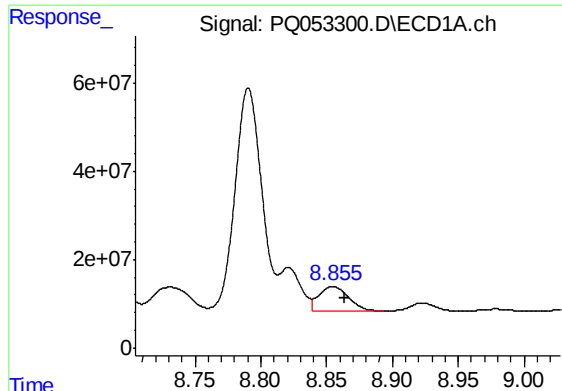
#35 AR-1260-5

R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 121913150
Conc: 47.65 ng/ml



#35 AR-1260-5

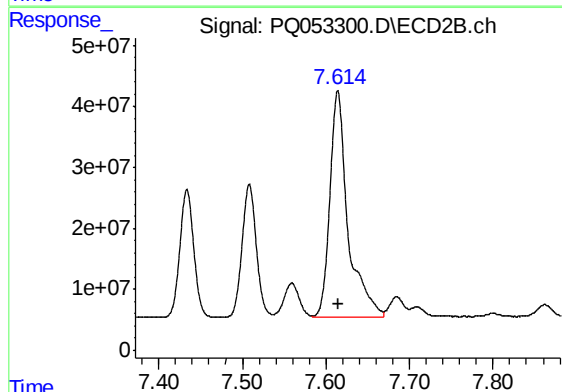
R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 65812977
Conc: 35.57 ng/ml



#36 AR-1262-1

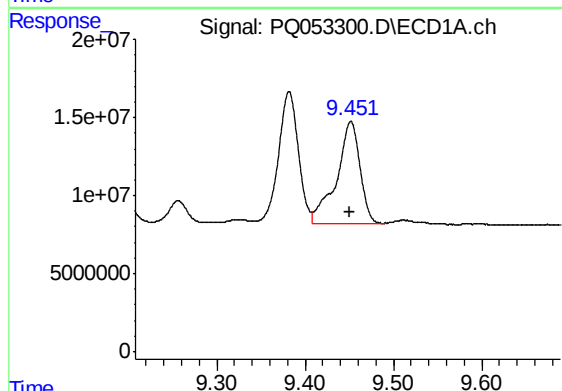
R.T.: 8.855 min
Delta R.T.: -0.008 min
Response: 85757455
Conc: 42.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



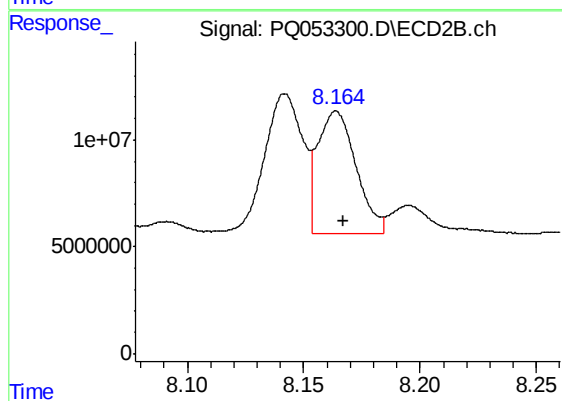
#36 AR-1262-1

R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 557342356
Conc: 909.21 ng/ml



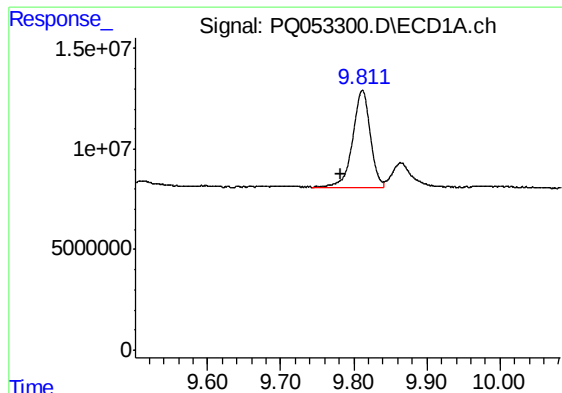
#37 AR-1262-2

R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 121913150
Conc: 32.85 ng/ml



#37 AR-1262-2

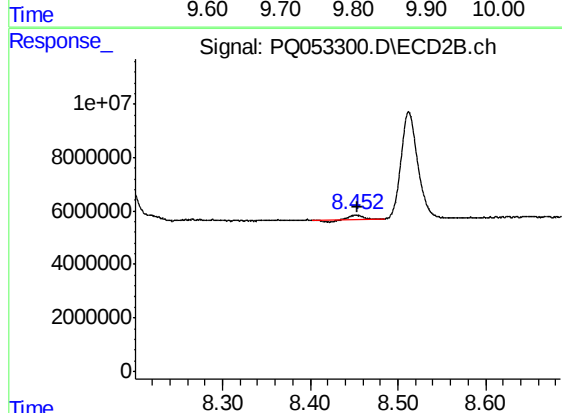
R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 65812977
Conc: 25.90 ng/ml



#38 AR-1262-3

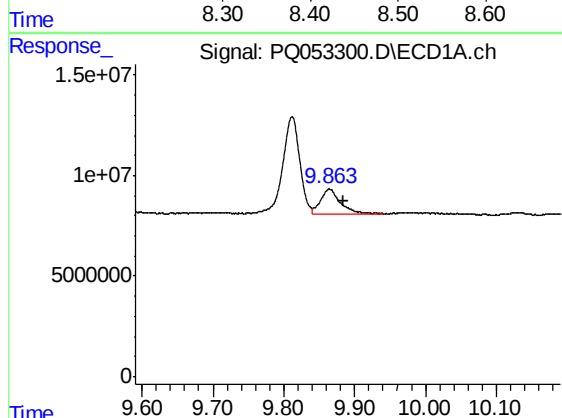
R.T.: 9.812 min
Delta R.T.: 0.029 min
Response: 80172691
Conc: 31.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



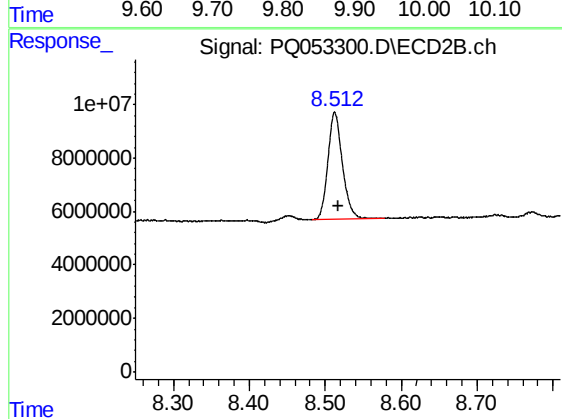
#38 AR-1262-3

R.T.: 8.452 min
Delta R.T.: -0.002 min
Response: 992860
Conc: 0.98 ng/ml



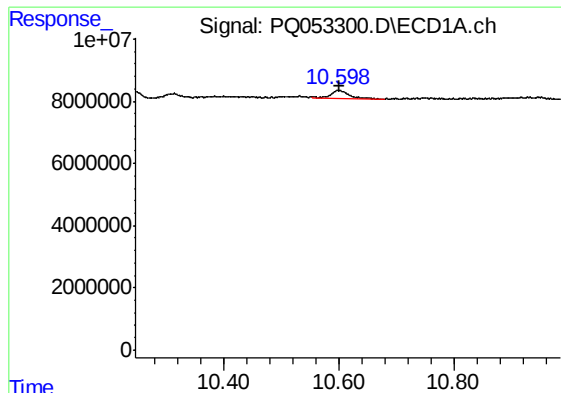
#39 AR-1262-4

R.T.: 9.864 min
Delta R.T.: -0.019 min
Response: 23399913
Conc: 11.71 ng/ml



#39 AR-1262-4

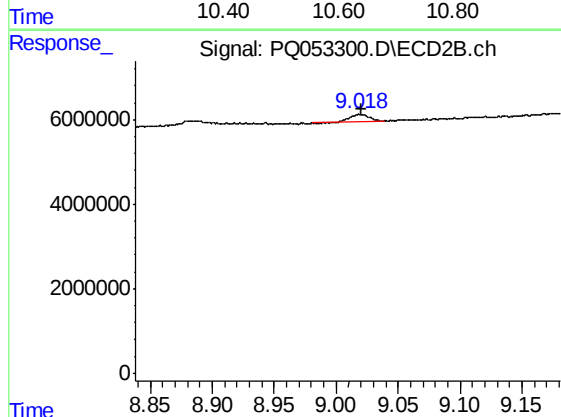
R.T.: 8.512 min
Delta R.T.: -0.005 min
Response: 53279978
Conc: 30.93 ng/ml



#40 AR-1262-5

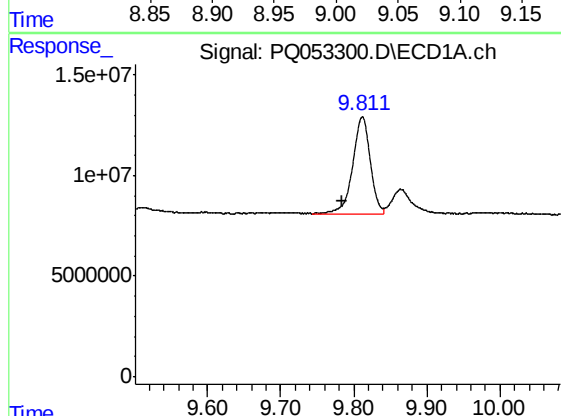
R.T.: 10.598 min
Delta R.T.: -0.002 min
Response: 5452718
Conc: 3.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



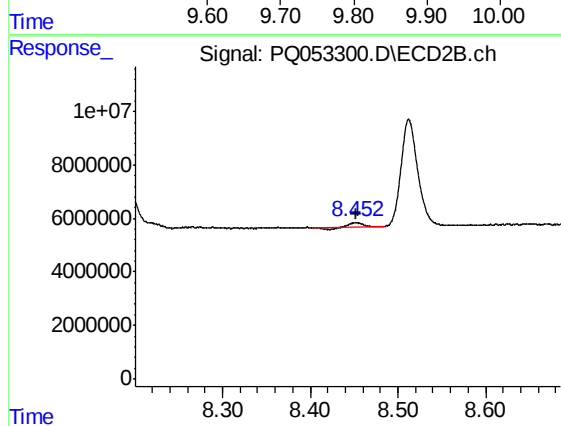
#40 AR-1262-5

R.T.: 9.018 min
Delta R.T.: -0.002 min
Response: 2007006
Conc: 2.58 ng/ml



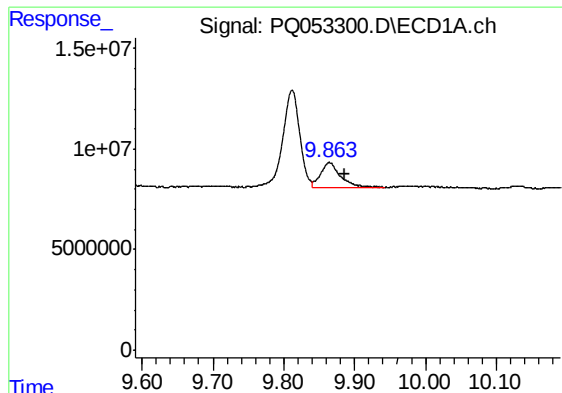
#41 AR-1268-1

R.T.: 9.812 min
Delta R.T.: 0.028 min
Response: 80172691
Conc: 18.02 ng/ml



#41 AR-1268-1

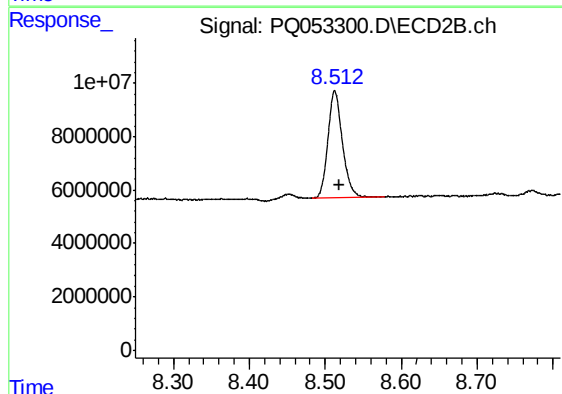
R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 992860
Conc: 0.34 ng/ml



#42 AR-1268-2

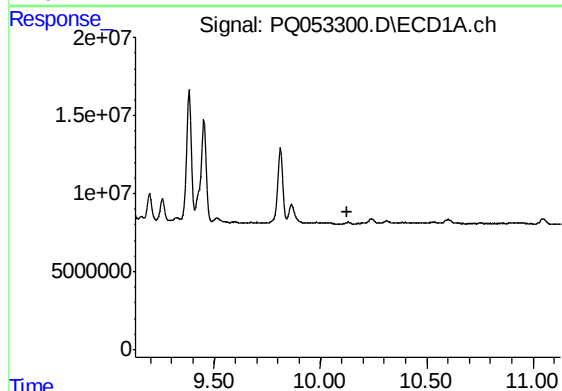
R.T.: 9.864 min
Delta R.T.: -0.022 min
Response: 23399913
Conc: 5.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



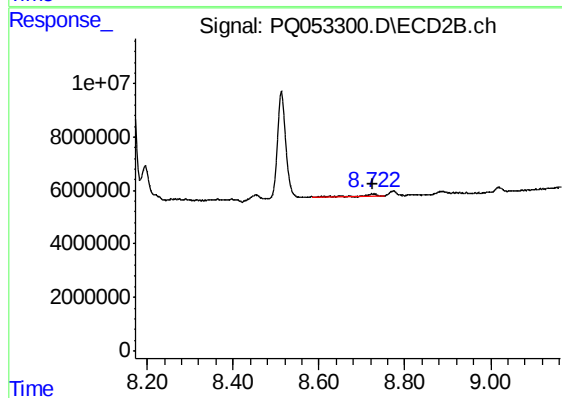
#42 AR-1268-2

R.T.: 8.512 min
Delta R.T.: -0.007 min
Response: 53279978
Conc: 21.40 ng/ml



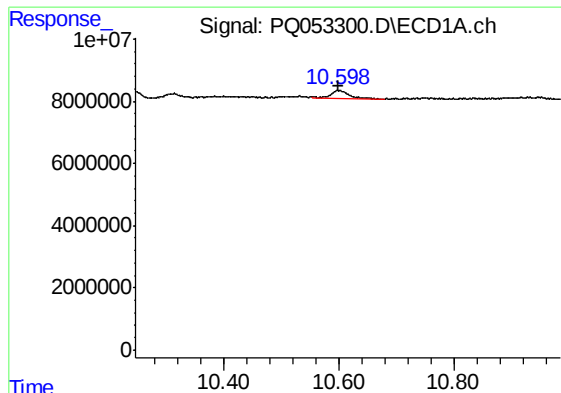
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.129 min
Response: 0
Conc: N.D.



#43 AR-1268-3

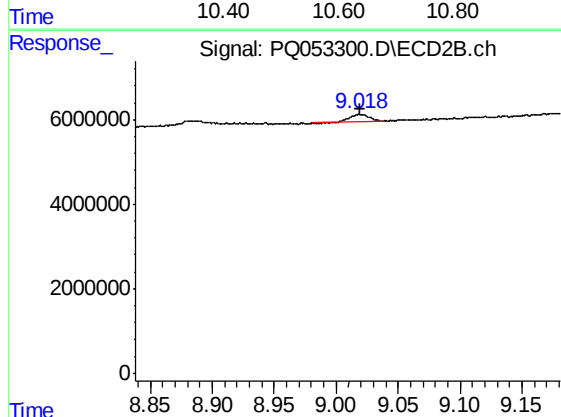
R.T.: 8.724 min
Delta R.T.: -0.003 min
Response: 1642766
Conc: 0.76 ng/ml



#44 AR-1268-4

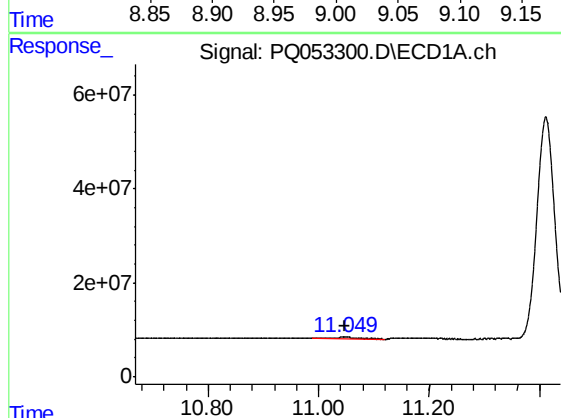
R.T.: 10.598 min
Delta R.T.: 0.000 min
Response: 5452718
Conc: 3.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543015



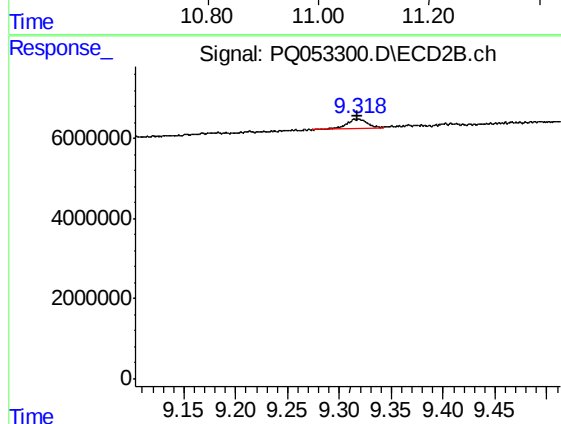
#44 AR-1268-4

R.T.: 9.018 min
Delta R.T.: 0.000 min
Response: 2007006
Conc: 2.35 ng/ml



#45 AR-1268-5

R.T.: 11.047 min
Delta R.T.: 0.000 min
Response: 6597624
Conc: 0.51 ng/ml



#45 AR-1268-5

R.T.: 9.318 min
Delta R.T.: 0.000 min
Response: 3127289
Conc: 0.50 ng/ml