

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041677.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 15:34
 Operator : SM\AJ
 Sample : K4022-20DL2 200X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETNK6DL2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 23:13:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
2)	SA Decachlor...	0.000	10.523	0	2087541	N.D.	0.458 #
Target Compounds							
3)	L1 AR-1016-1	7.174	6.237	161.5E6	137.0E6	925.354	936.432
4)	L1 AR-1016-2	7.174	6.237	161.5E6	137.0E6	612.404	658.262
5)	L1 AR-1016-3	7.254	6.452	12474868	84305232	77.113	746.685 #
6)	L1 AR-1016-4	7.356	6.505	89154878	175.6E6	661.539	1925.785 #
7)	L1 AR-1016-5	7.691	6.758	248.2E6	248.6E6	1865.549	2068.623
12)	L3 AR-1232-2	6.832	6.237	24556200	137.0E6	497.294	1466.616 #
13)	L3 AR-1232-3	7.174	6.452	161.5E6	84305232	1426.953	1751.504
14)	L3 AR-1232-4	7.356	6.553	89154878	173.5E6	1508.340	4023.806 #
15)	L3 AR-1232-5	7.463	6.758	179.8E6	248.6E6	4871.295	5139.557
16)	L4 AR-1242-1	7.174	6.237	161.5E6	137.0E6	1289.360	1298.218
17)	L4 AR-1242-2	7.174	6.237	161.5E6	137.0E6	848.085	883.568
18)	L4 AR-1242-3	7.254	6.452	12474868	84305232	105.510	1010.217 #
19)	L4 AR-1242-4	7.356	6.553	89154878	173.5E6	909.577	2129.961 #
20)	L4 AR-1242-5	8.180	7.166	384.3E6	203.6E6	2898.443	1631.286 #
21)	L5 AR-1248-1	7.174	6.237	161.5E6	137.0E6	1741.127	1705.866
22)	L5 AR-1248-2	7.463	6.505	179.8E6	175.6E6	1460.893	1567.332
23)	L5 AR-1248-3	7.691	6.553	248.2E6	173.5E6	1580.842	1502.978
24)	L5 AR-1248-4	8.138	6.758	117.4E6	248.6E6	543.577	1717.433 #
25)	L5 AR-1248-5	8.180	7.213	384.3E6	347.1E6	1804.409	2062.750
26)	L6 AR-1254-1	8.107	7.166	257.1E6	203.6E6	1268.440	800.742 #
27)	L6 AR-1254-2	8.350	7.334	366.1E6	125.4E6	1059.991	548.156 #
28)	L6 AR-1254-3	8.740	7.782	218.8E6	229.7E6	528.062	565.837
29)	L6 AR-1254-4	9.043	8.030	186.2E6	177.6E6	514.483	650.138 #
30)	L6 AR-1254-5	9.482	8.477	79051336	81613409	196.876	204.405
31)	L7 AR-1260-1	8.913	7.938	41044363	123.8E6	135.858	465.601 #
32)	L7 AR-1260-2	9.182	8.126	61510905	41504589	134.195	114.385
33)	L7 AR-1260-3	9.556	8.291	21778806	42635800	51.294	135.773 #
34)	L7 AR-1260-4	9.795	8.789	45316555	17315736	107.654	60.825 #
35)	L7 AR-1260-5	10.149	9.040	53401940	56457541	49.974	75.926 #
36)	L8 AR-1262-1	9.620	8.571	8417687	10577226	34.286	54.992 #
37)	L8 AR-1262-2	10.149	9.040	53401940	56457541	43.973	67.199 #
38)	L8 AR-1262-3	10.506	9.335	33608739	9927031	40.328	28.224 #
39)	L8 AR-1262-4	10.566	9.401	17860653	36101460	27.416	61.428 #
40)	L8 AR-1262-5	11.295	9.926	17050120	10879710	37.299	45.341
41)	L9 AR-1268-1	10.506	9.335	33608739	9927031	18.624	8.688 #
42)	L9 AR-1268-2	10.566	9.401	17860653	36101460	11.193	37.151 #
43)	L9 AR-1268-3	0.000	9.611	0	711462	N.D.	0.891 #
44)	L9 AR-1268-4	11.295	9.926	17050120	10879710	30.037	35.453
45)	L9 AR-1268-5	11.745	10.244	4431144	4071058	1.023	2.060 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 15:34
Operator : SM\AJ
Sample : K4022-20DL2 200X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:13:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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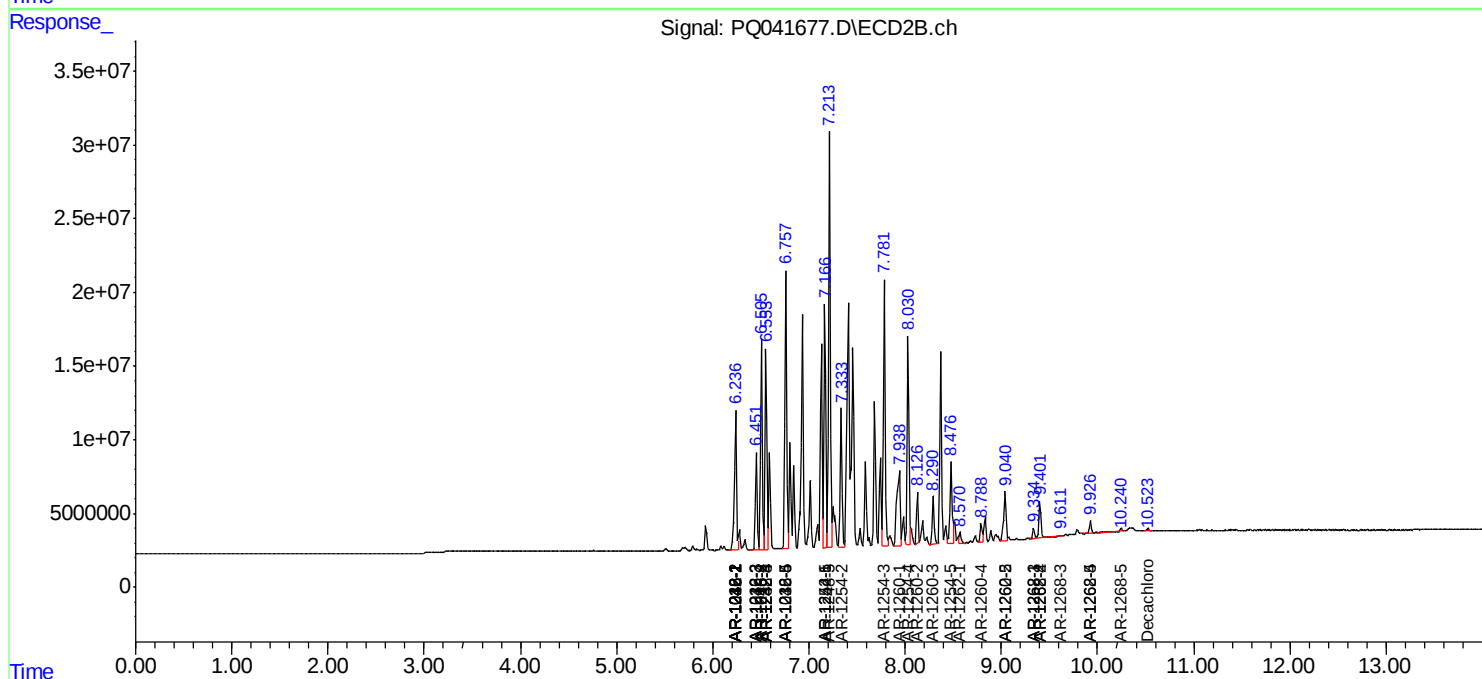
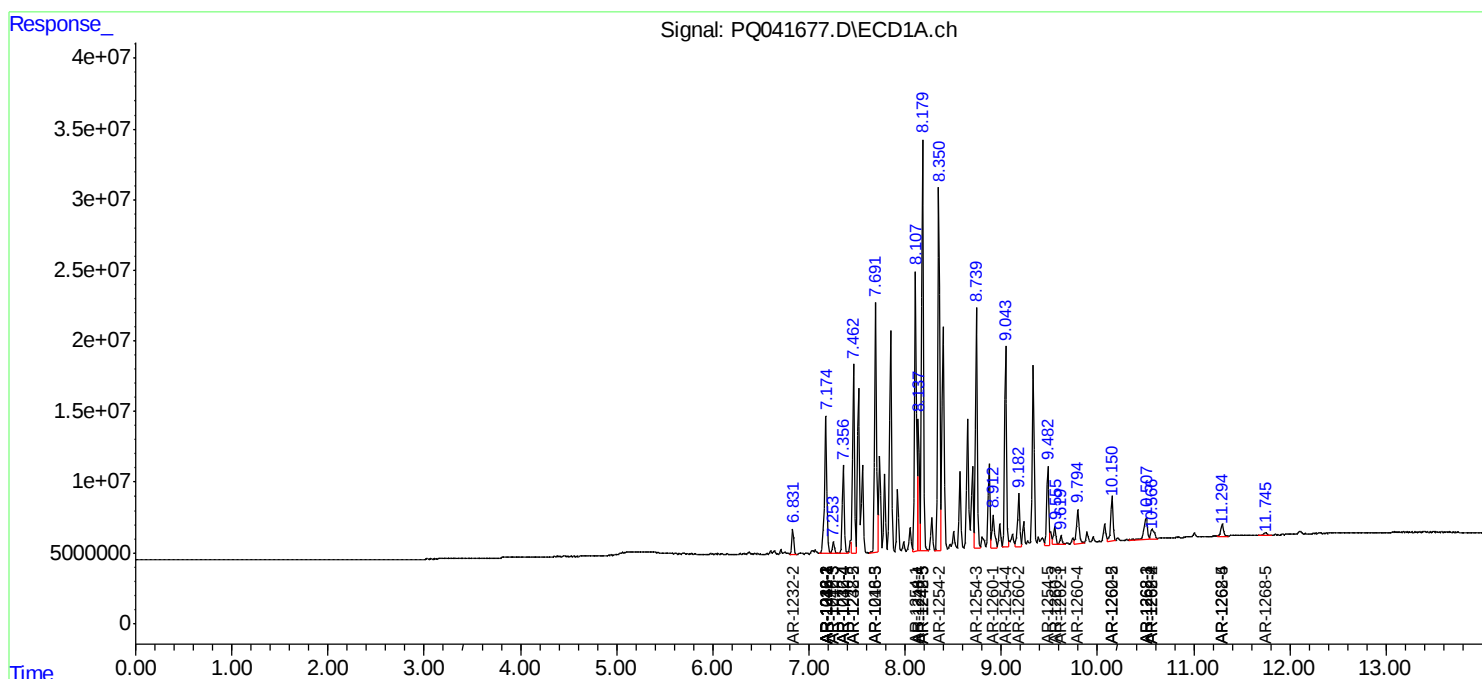
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

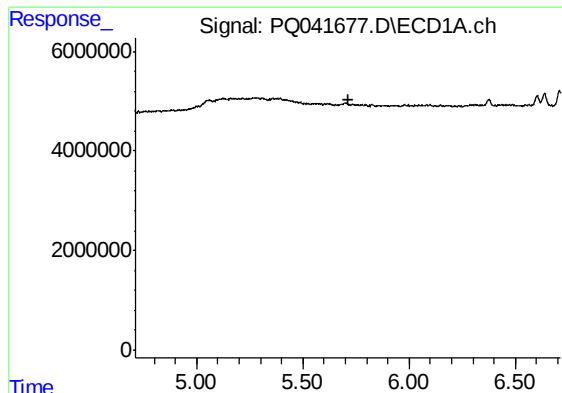
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041677.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 15:34
Operator : SM\AJ
Sample : K4022-20DL2 200X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :
ETNK6DL2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:13:50 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

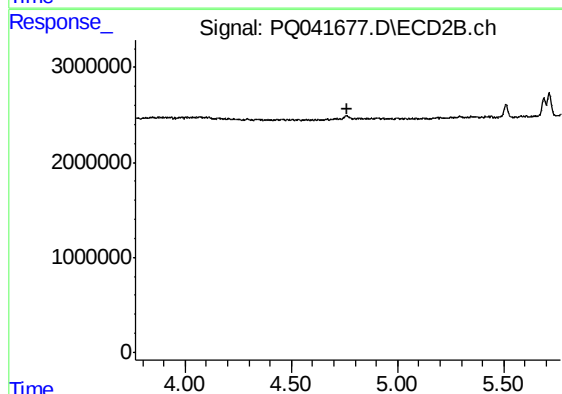




#1 Tetrachloro-m-xylene

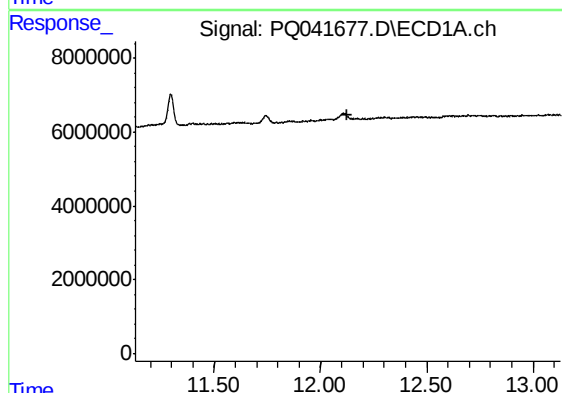
R.T.: 0.000 min
Exp R.T. : 5.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



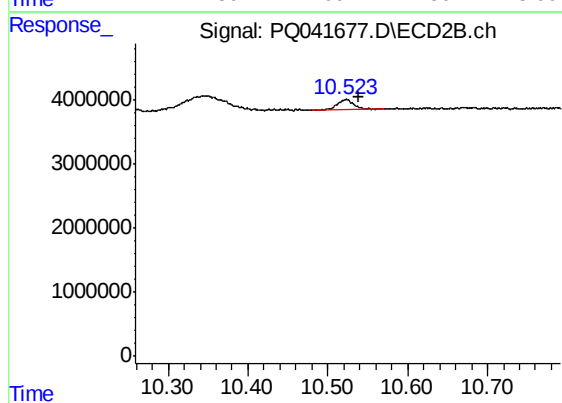
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



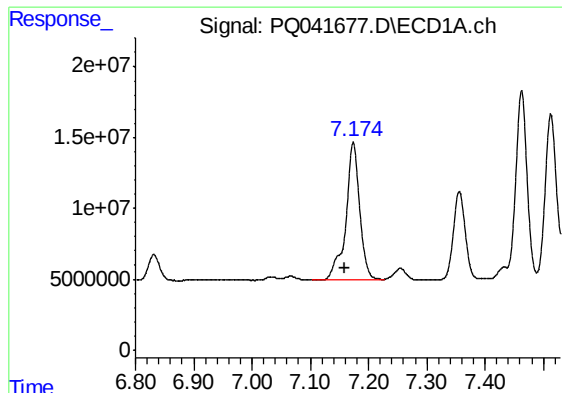
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 12.129 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

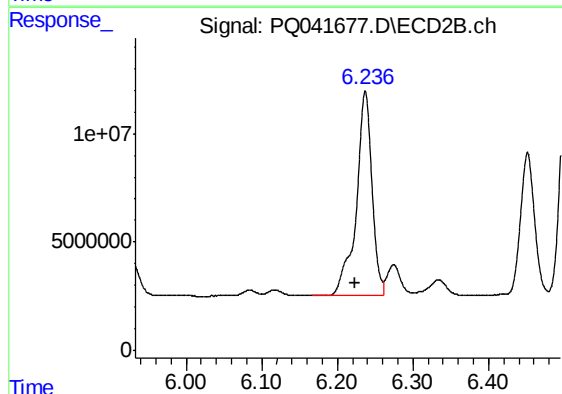
R.T.: 10.523 min
Delta R.T.: -0.016 min
Response: 2087541
Conc: 0.46 ng/ml



#3 AR-1016-1

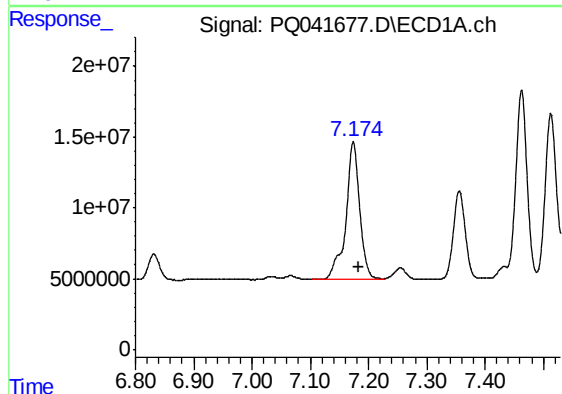
R.T.: 7.174 min
Delta R.T.: 0.015 min
Response: 161504032
Conc: 925.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



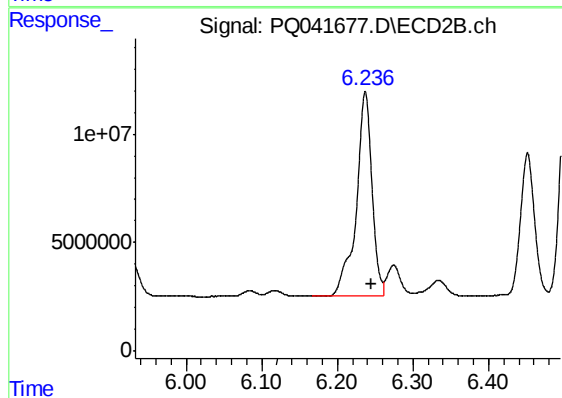
#3 AR-1016-1

R.T.: 6.237 min
Delta R.T.: 0.014 min
Response: 137011959
Conc: 936.43 ng/ml



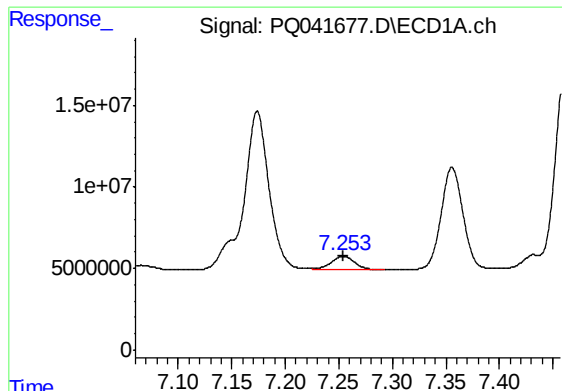
#4 AR-1016-2

R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 161504032
Conc: 612.40 ng/ml



#4 AR-1016-2

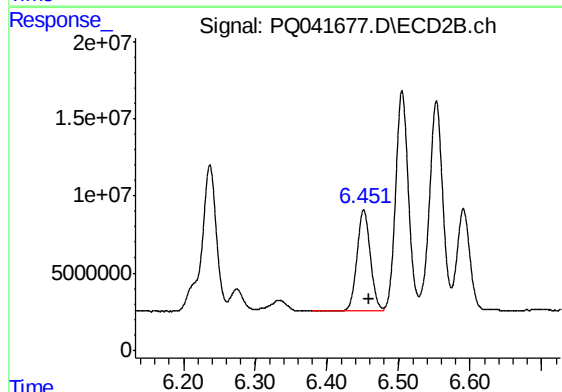
R.T.: 6.237 min
Delta R.T.: -0.008 min
Response: 137011959
Conc: 658.26 ng/ml



#5 AR-1016-3

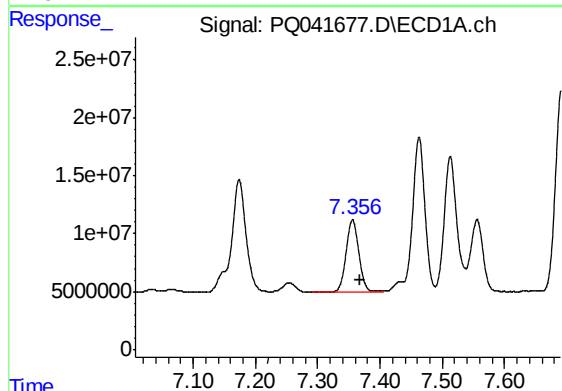
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 12474868
Conc: 77.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



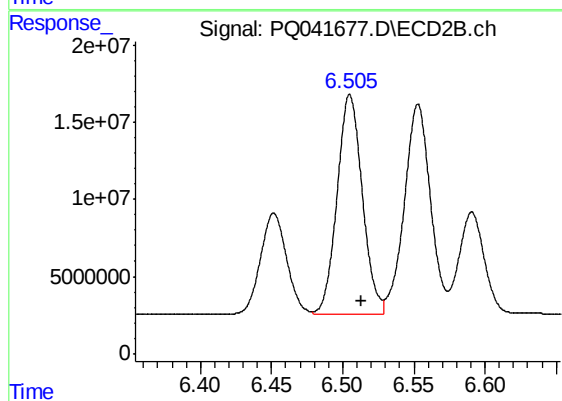
#5 AR-1016-3

R.T.: 6.452 min
Delta R.T.: -0.008 min
Response: 84305232
Conc: 746.68 ng/ml



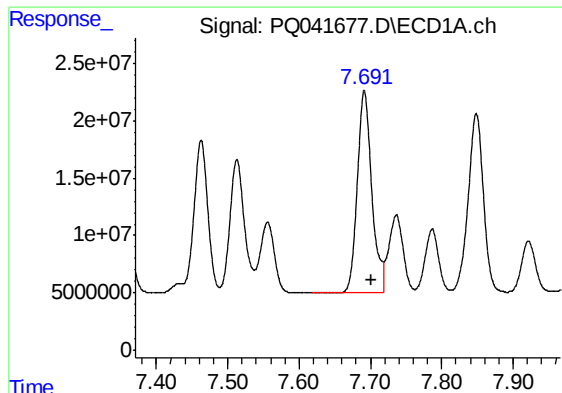
#6 AR-1016-4

R.T.: 7.356 min
Delta R.T.: -0.012 min
Response: 89154878
Conc: 661.54 ng/ml



#6 AR-1016-4

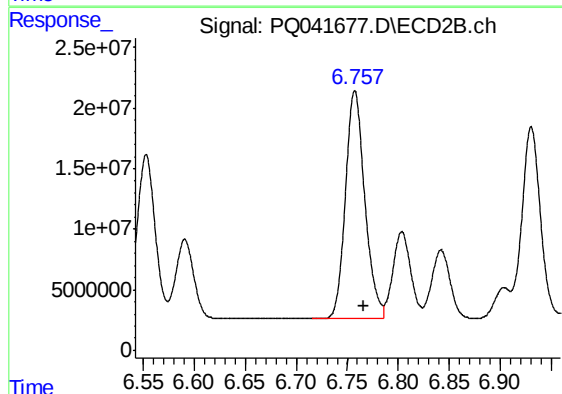
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 175564648
Conc: 1925.78 ng/ml



#7 AR-1016-5

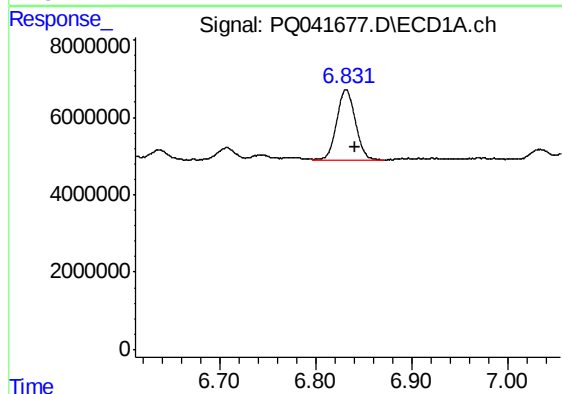
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 248248361
Conc: 1865.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



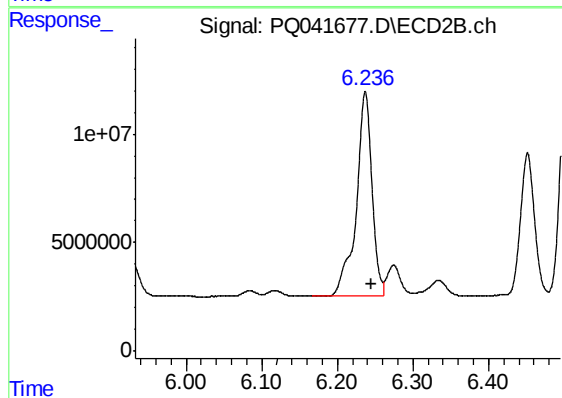
#7 AR-1016-5

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 248608512
Conc: 2068.62 ng/ml



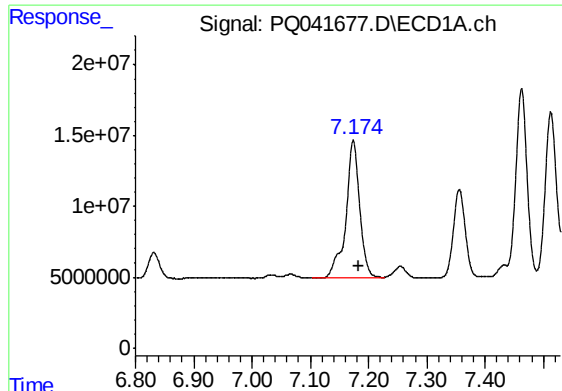
#12 AR-1232-2

R.T.: 6.832 min
Delta R.T.: -0.009 min
Response: 24556200
Conc: 497.29 ng/ml



#12 AR-1232-2

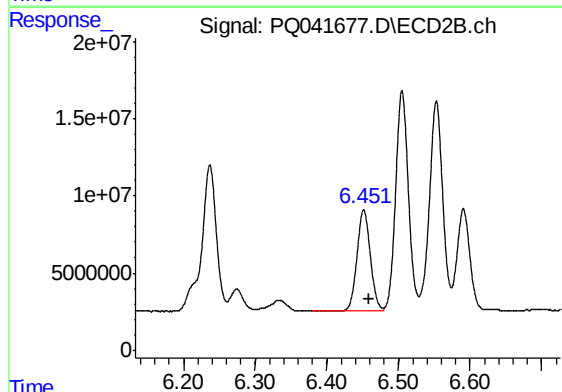
R.T.: 6.237 min
Delta R.T.: -0.008 min
Response: 137011959
Conc: 1466.62 ng/ml



#13 AR-1232-3

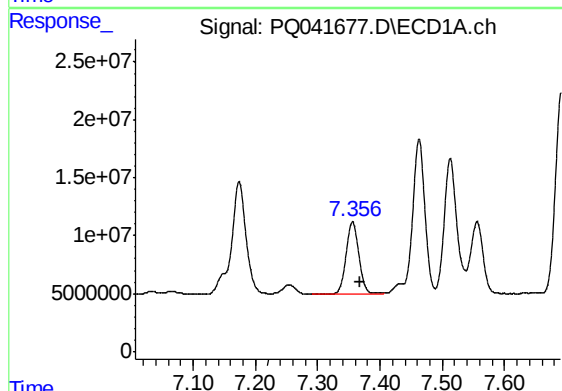
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 161504032
Conc: 1426.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



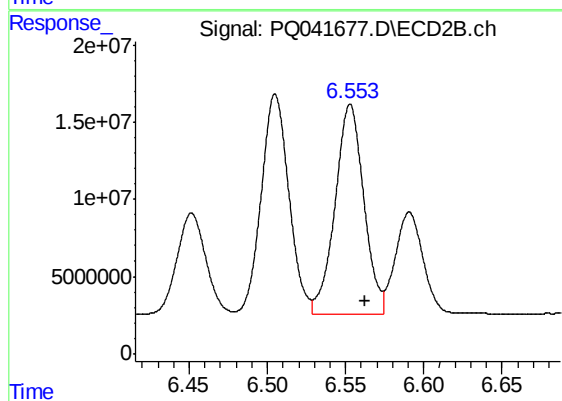
#13 AR-1232-3

R.T.: 6.452 min
Delta R.T.: -0.007 min
Response: 84305232
Conc: 1751.50 ng/ml



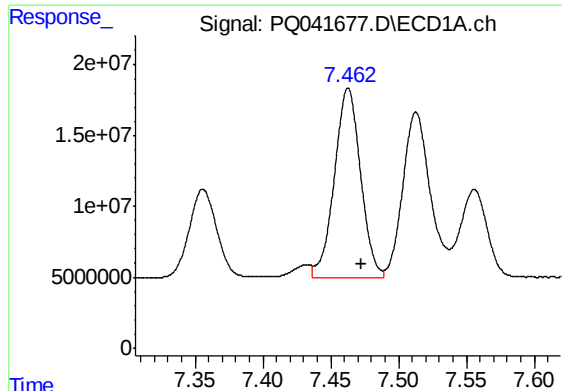
#14 AR-1232-4

R.T.: 7.356 min
Delta R.T.: -0.012 min
Response: 89154878
Conc: 1508.34 ng/ml



#14 AR-1232-4

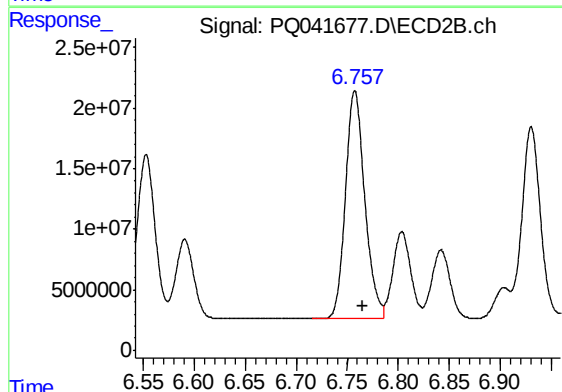
R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 173485101
Conc: 4023.81 ng/ml



#15 AR-1232-5

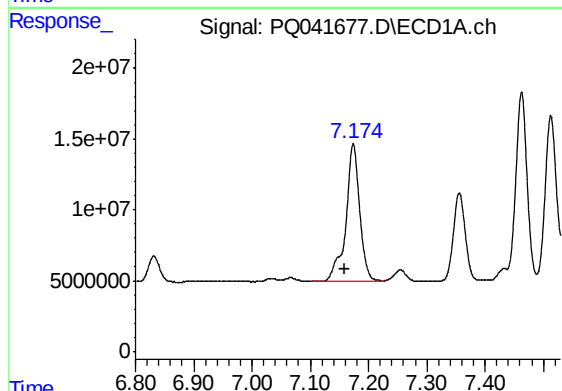
R.T.: 7.463 min
Delta R.T.: -0.010 min
Response: 179774624
Conc: 4871.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



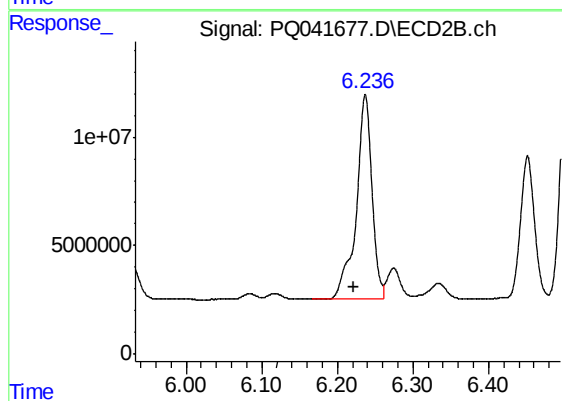
#15 AR-1232-5

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 248608512
Conc: 5139.56 ng/ml



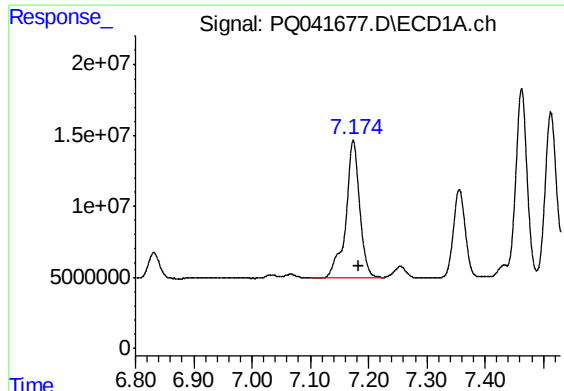
#16 AR-1242-1

R.T.: 7.174 min
Delta R.T.: 0.016 min
Response: 161504032
Conc: 1289.36 ng/ml



#16 AR-1242-1

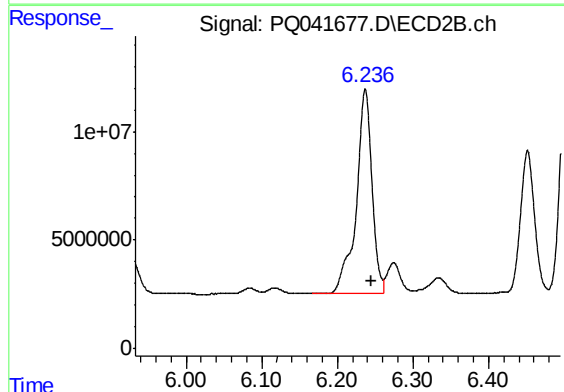
R.T.: 6.237 min
Delta R.T.: 0.015 min
Response: 137011959
Conc: 1298.22 ng/ml



#17 AR-1242-2

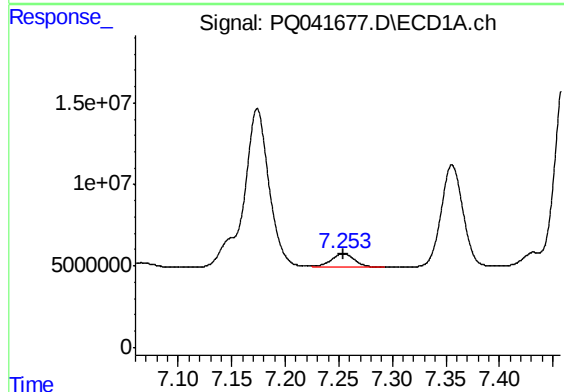
R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 161504032
Conc: 848.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



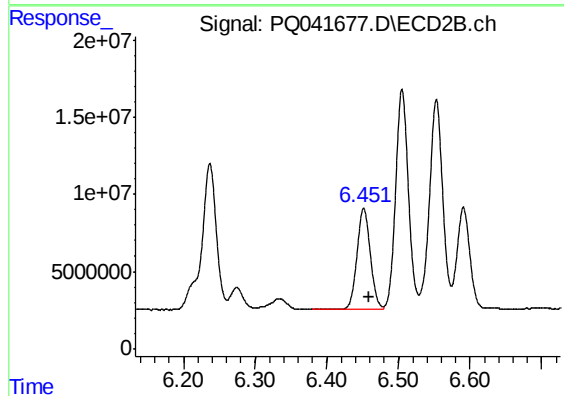
#17 AR-1242-2

R.T.: 6.237 min
Delta R.T.: -0.008 min
Response: 137011959
Conc: 883.57 ng/ml



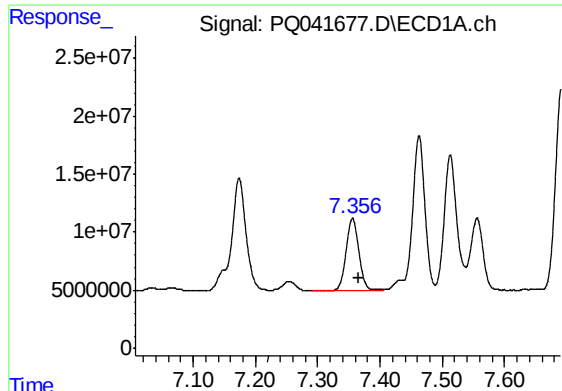
#18 AR-1242-3

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 12474868
Conc: 105.51 ng/ml



#18 AR-1242-3

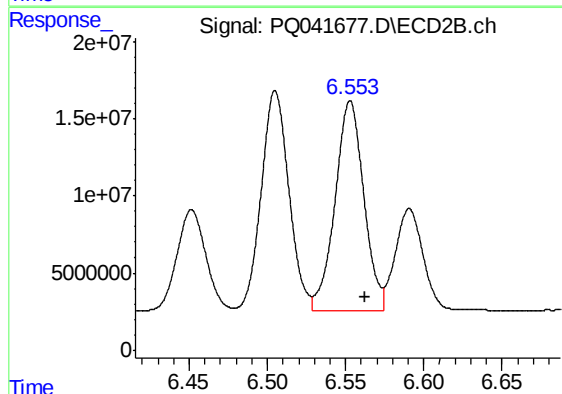
R.T.: 6.452 min
Delta R.T.: -0.008 min
Response: 84305232
Conc: 1010.22 ng/ml



#19 AR-1242-4

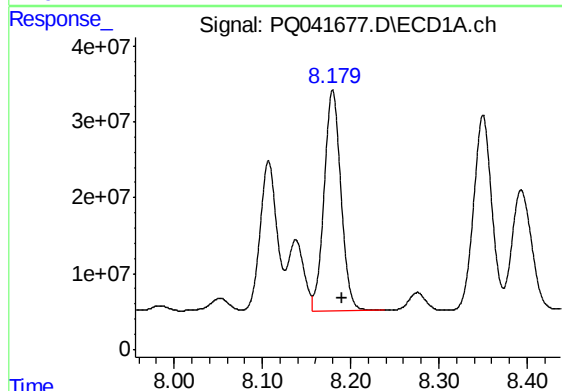
R.T.: 7.356 min
Delta R.T.: -0.011 min
Response: 89154878
Conc: 909.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



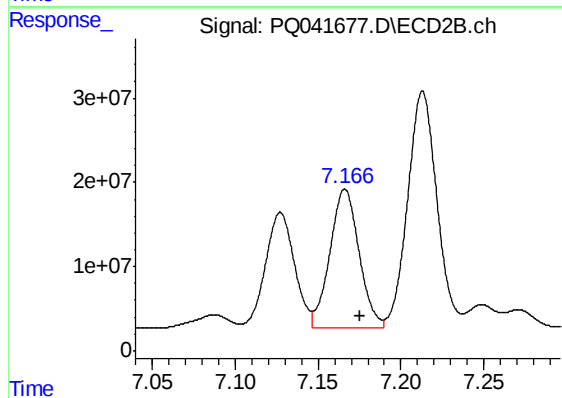
#19 AR-1242-4

R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 173485101
Conc: 2129.96 ng/ml



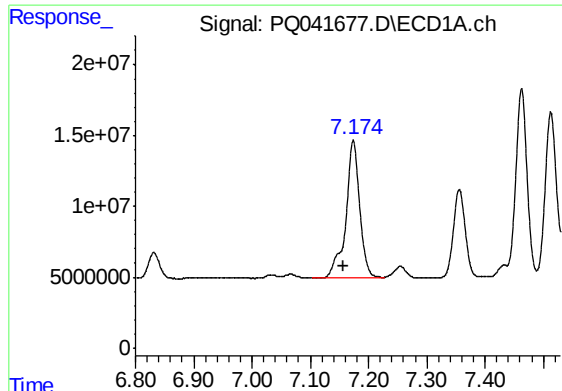
#20 AR-1242-5

R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 384265653
Conc: 2898.44 ng/ml



#20 AR-1242-5

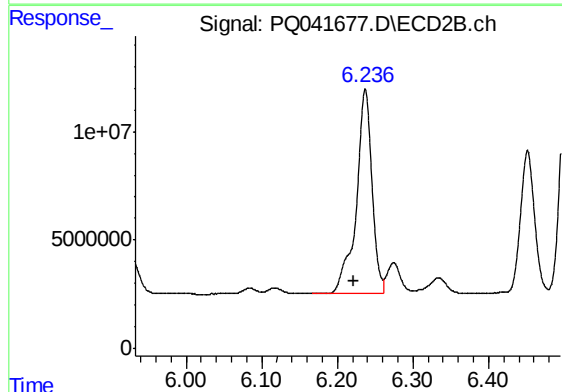
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 203632706
Conc: 1631.29 ng/ml



#21 AR-1248-1

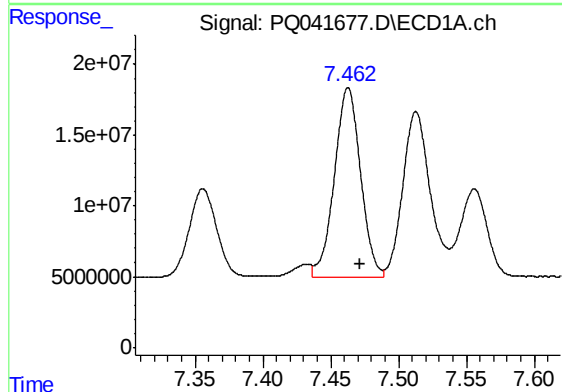
R.T.: 7.174 min
Delta R.T.: 0.016 min
Response: 161504032
Conc: 1741.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



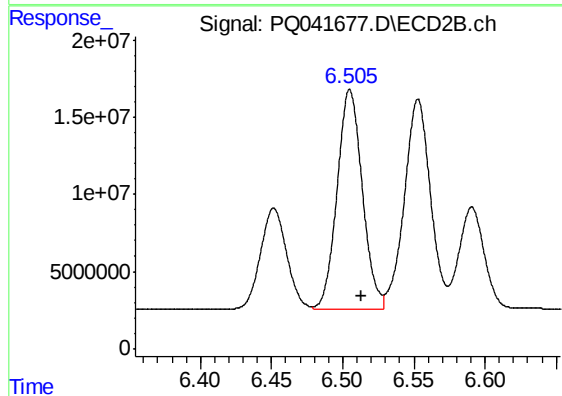
#21 AR-1248-1

R.T.: 6.237 min
Delta R.T.: 0.015 min
Response: 137011959
Conc: 1705.87 ng/ml



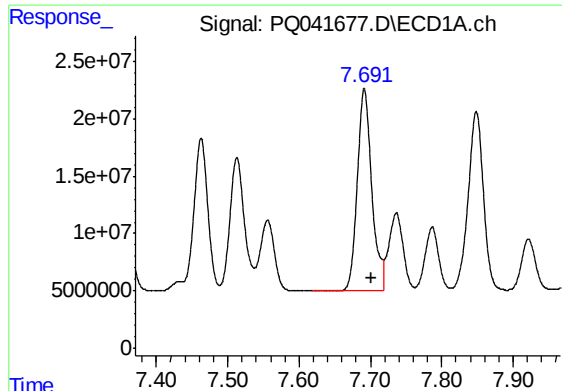
#22 AR-1248-2

R.T.: 7.463 min
Delta R.T.: -0.008 min
Response: 179774624
Conc: 1460.89 ng/ml



#22 AR-1248-2

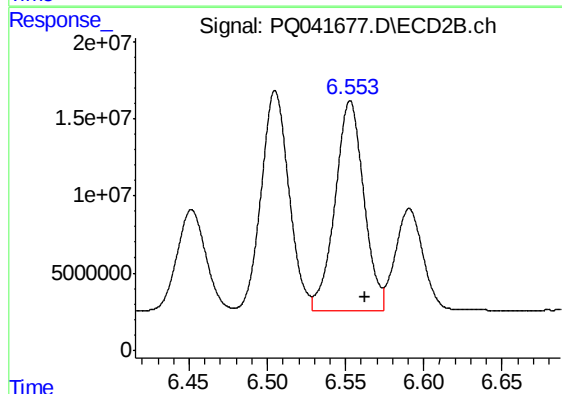
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 175564648
Conc: 1567.33 ng/ml



#23 AR-1248-3

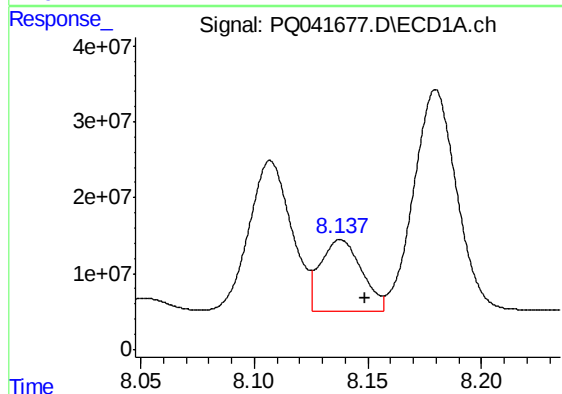
R.T.: 7.691 min
Delta R.T.: -0.009 min
Response: 248248361
Conc: 1580.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



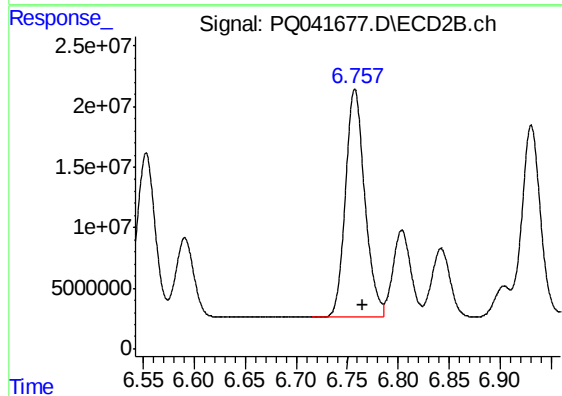
#23 AR-1248-3

R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 173485101
Conc: 1502.98 ng/ml



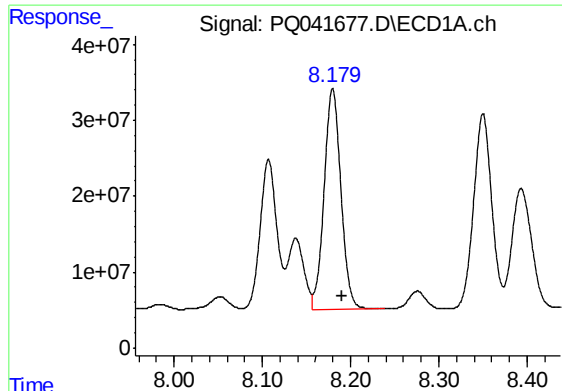
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: -0.011 min
Response: 117417555
Conc: 543.58 ng/ml



#24 AR-1248-4

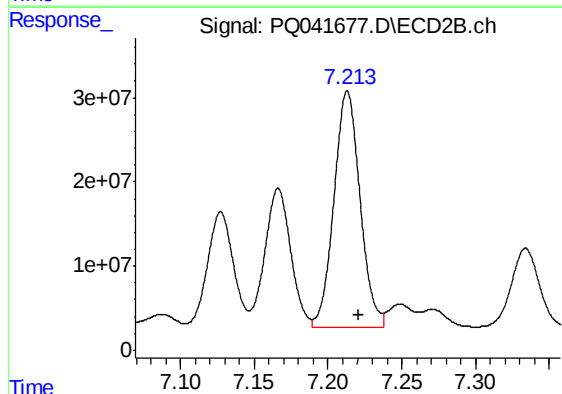
R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 248608512
Conc: 1717.43 ng/ml



#25 AR-1248-5

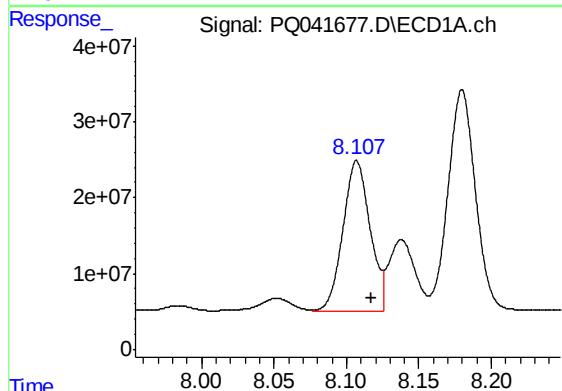
R.T.: 8.180 min
Delta R.T.: -0.011 min
Response: 384265653
Conc: 1804.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



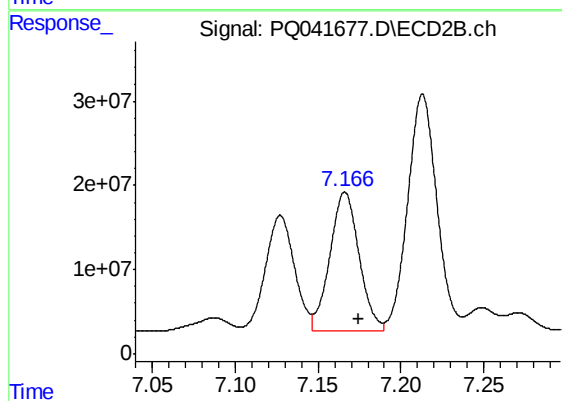
#25 AR-1248-5

R.T.: 7.213 min
Delta R.T.: -0.008 min
Response: 347123113
Conc: 2062.75 ng/ml



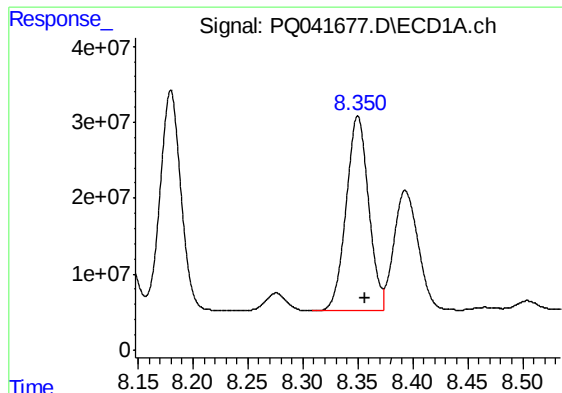
#26 AR-1254-1

R.T.: 8.107 min
Delta R.T.: -0.011 min
Response: 257114895
Conc: 1268.44 ng/ml



#26 AR-1254-1

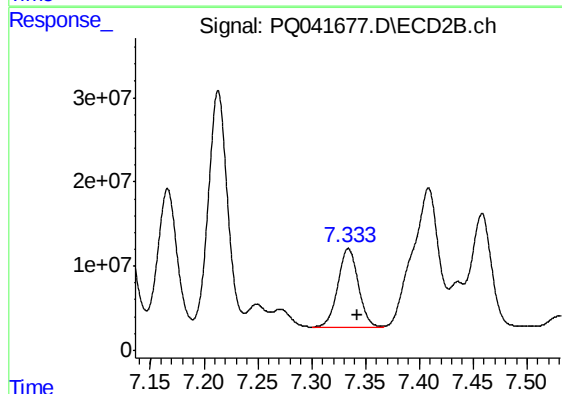
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 203632706
Conc: 800.74 ng/ml



#27 AR-1254-2

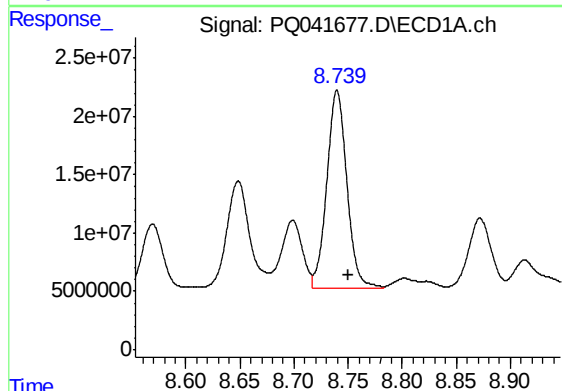
R.T.: 8.350 min
Delta R.T.: -0.006 min
Response: 366114145
Conc: 1059.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



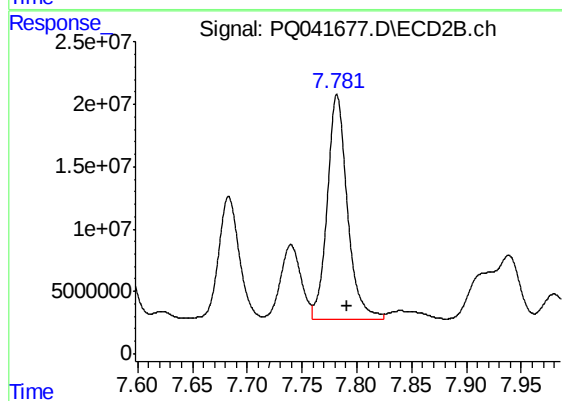
#27 AR-1254-2

R.T.: 7.334 min
Delta R.T.: -0.008 min
Response: 125411328
Conc: 548.16 ng/ml



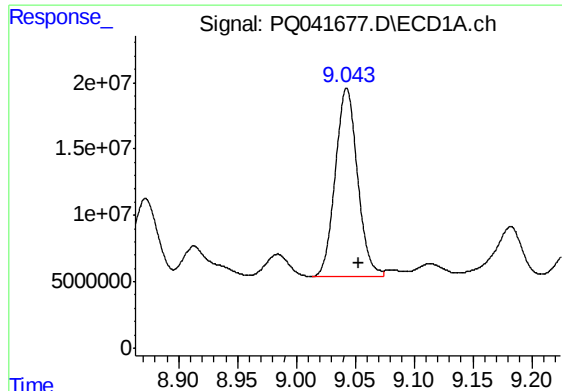
#28 AR-1254-3

R.T.: 8.740 min
Delta R.T.: -0.010 min
Response: 218820943
Conc: 528.06 ng/ml



#28 AR-1254-3

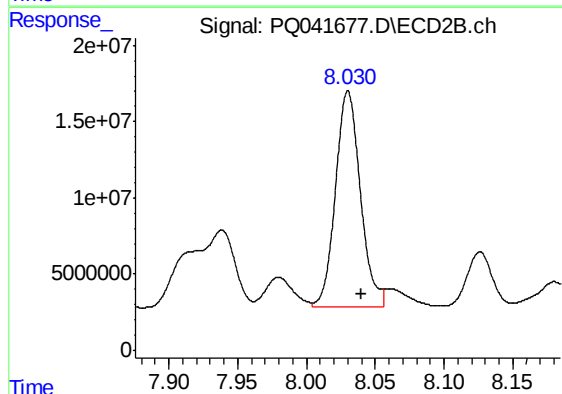
R.T.: 7.782 min
Delta R.T.: -0.009 min
Response: 229667122
Conc: 565.84 ng/ml



#29 AR-1254-4

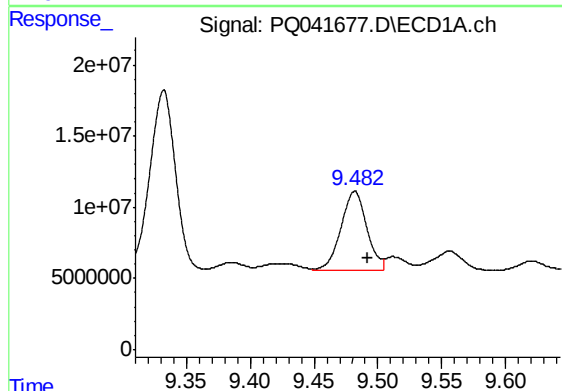
R.T.: 9.043 min
Delta R.T.: -0.010 min
Response: 186205133
Conc: 514.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



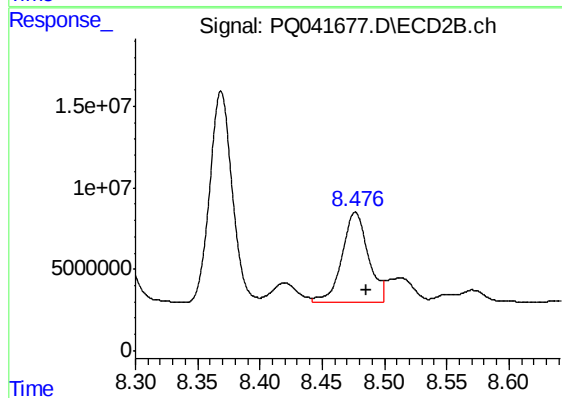
#29 AR-1254-4

R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 177612015
Conc: 650.14 ng/ml



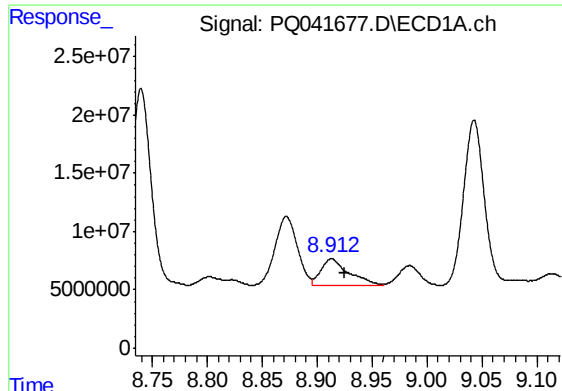
#30 AR-1254-5

R.T.: 9.482 min
Delta R.T.: -0.010 min
Response: 79051336
Conc: 196.88 ng/ml



#30 AR-1254-5

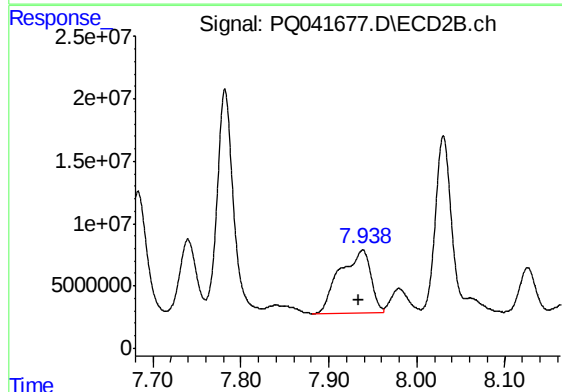
R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 81613409
Conc: 204.41 ng/ml



#31 AR-1260-1

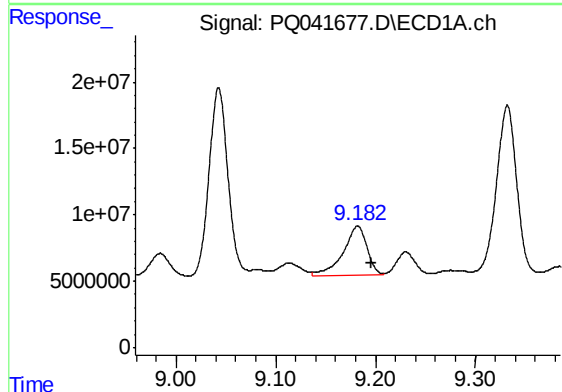
R.T.: 8.913 min
Delta R.T.: -0.012 min
Response: 41044363
Conc: 135.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



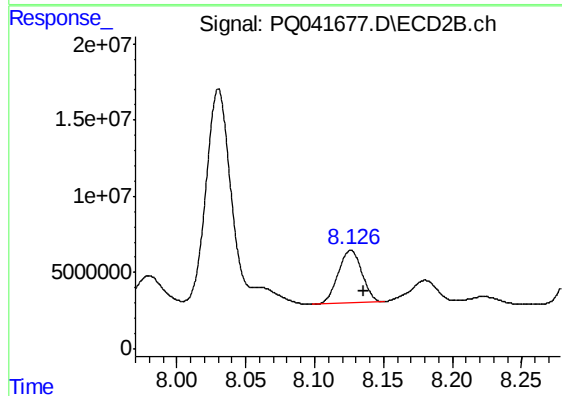
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.005 min
Response: 123828788
Conc: 465.60 ng/ml



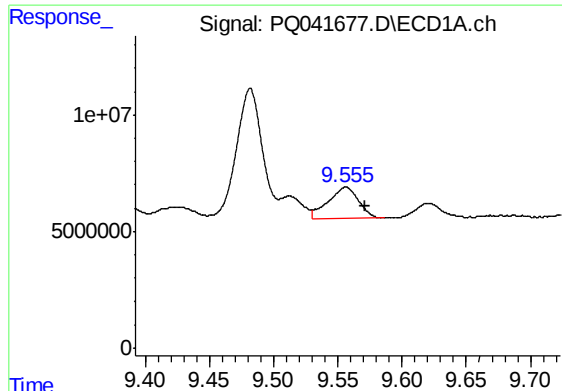
#32 AR-1260-2

R.T.: 9.182 min
Delta R.T.: -0.014 min
Response: 61510905
Conc: 134.20 ng/ml



#32 AR-1260-2

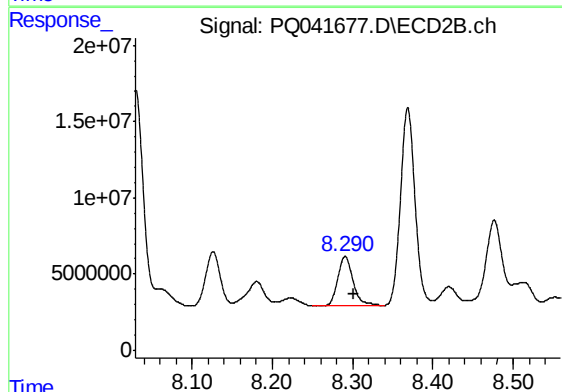
R.T.: 8.126 min
Delta R.T.: -0.010 min
Response: 41504589
Conc: 114.39 ng/ml



#33 AR-1260-3

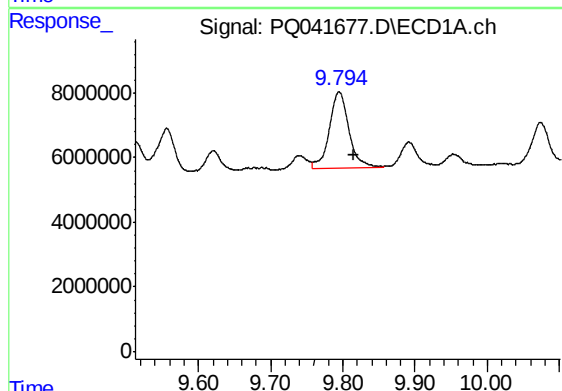
R.T.: 9.556 min
Delta R.T.: -0.015 min
Response: 21778806
Conc: 51.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



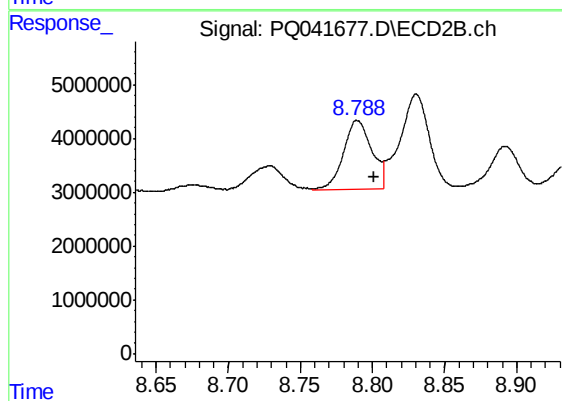
#33 AR-1260-3

R.T.: 8.291 min
Delta R.T.: -0.011 min
Response: 42635800
Conc: 135.77 ng/ml



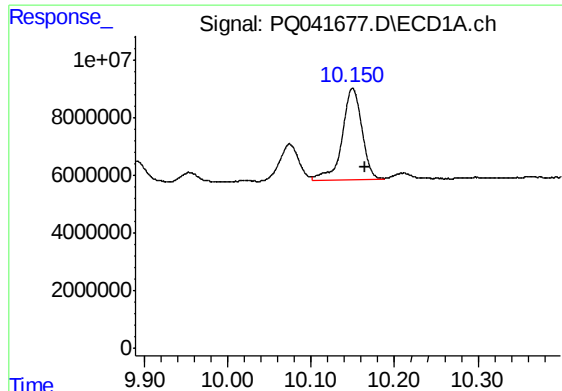
#34 AR-1260-4

R.T.: 9.795 min
Delta R.T.: -0.021 min
Response: 45316555
Conc: 107.65 ng/ml



#34 AR-1260-4

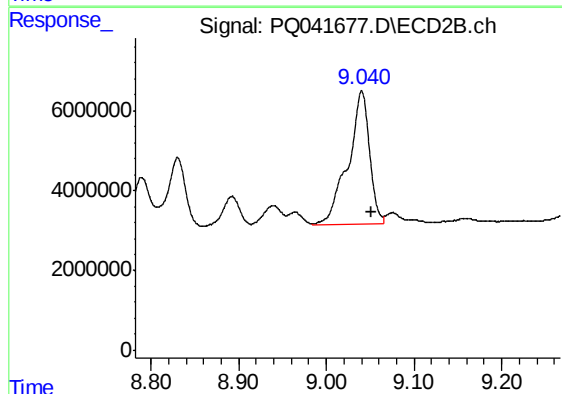
R.T.: 8.789 min
Delta R.T.: -0.012 min
Response: 17315736
Conc: 60.83 ng/ml



#35 AR-1260-5

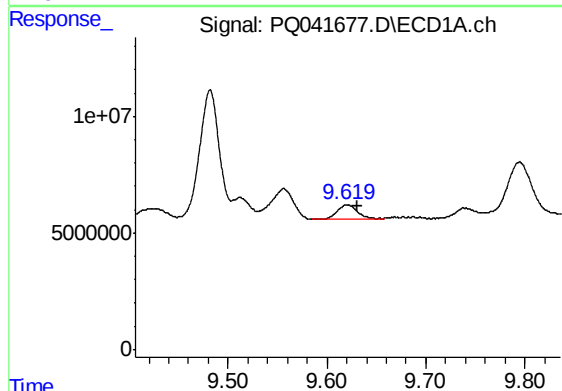
R.T.: 10.149 min
Delta R.T.: -0.015 min
Response: 53401940
Conc: 49.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



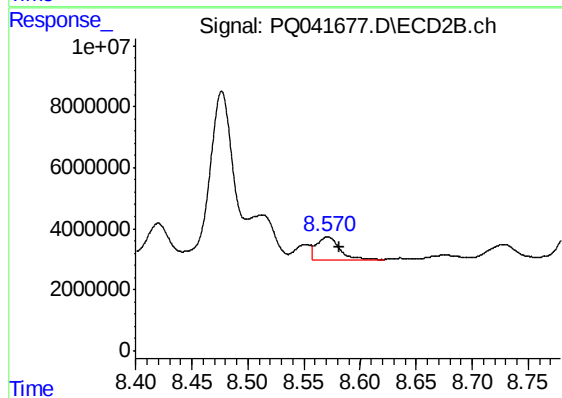
#35 AR-1260-5

R.T.: 9.040 min
Delta R.T.: -0.012 min
Response: 56457541
Conc: 75.93 ng/ml



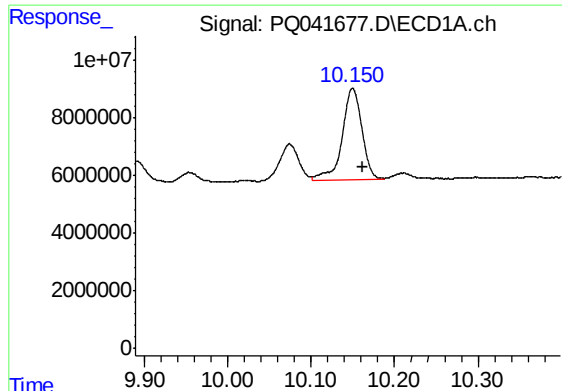
#36 AR-1262-1

R.T.: 9.620 min
Delta R.T.: -0.010 min
Response: 8417687
Conc: 34.29 ng/ml



#36 AR-1262-1

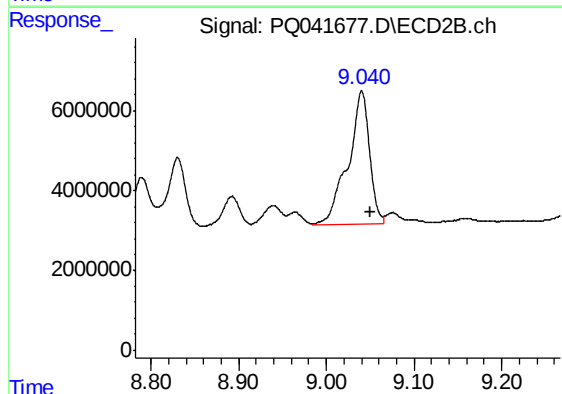
R.T.: 8.571 min
Delta R.T.: -0.011 min
Response: 10577226
Conc: 54.99 ng/ml



#37 AR-1262-2

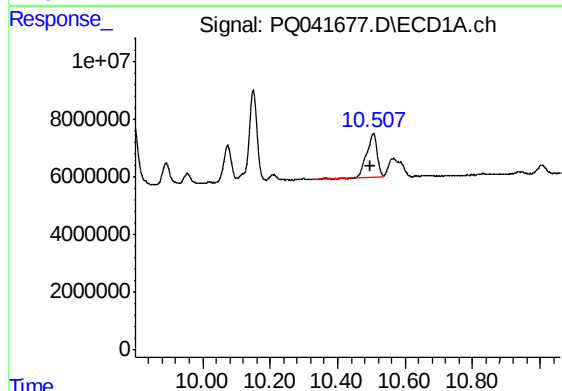
R.T.: 10.149 min
Delta R.T.: -0.012 min
Response: 53401940
Conc: 43.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



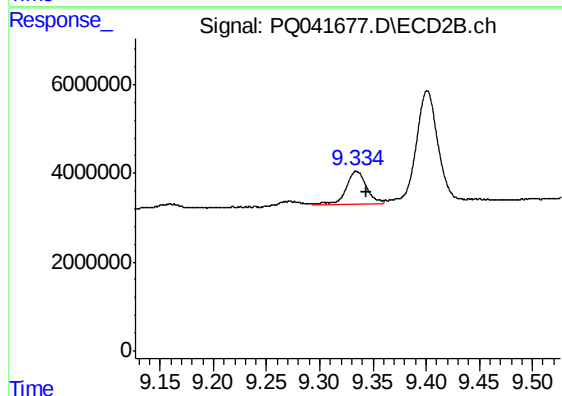
#37 AR-1262-2

R.T.: 9.040 min
Delta R.T.: -0.009 min
Response: 56457541
Conc: 67.20 ng/ml



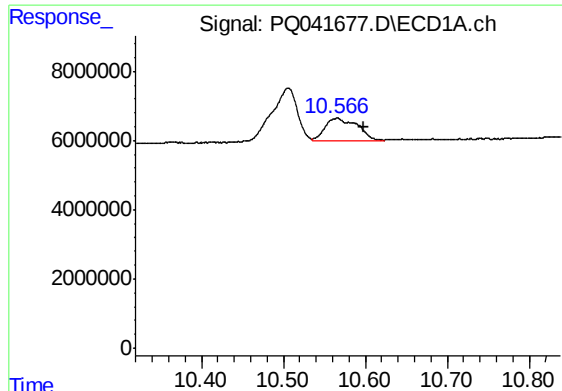
#38 AR-1262-3

R.T.: 10.506 min
Delta R.T.: 0.009 min
Response: 33608739
Conc: 40.33 ng/ml



#38 AR-1262-3

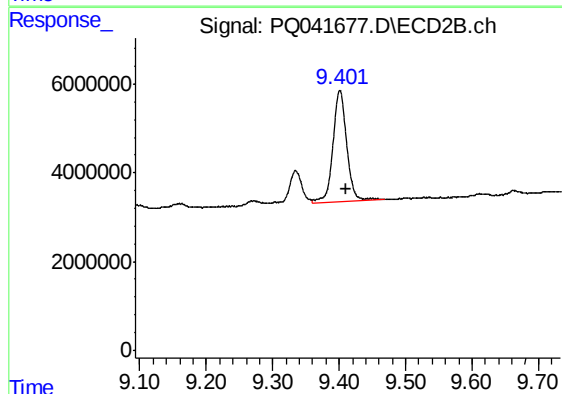
R.T.: 9.335 min
Delta R.T.: -0.010 min
Response: 9927031
Conc: 28.22 ng/ml



#39 AR-1262-4

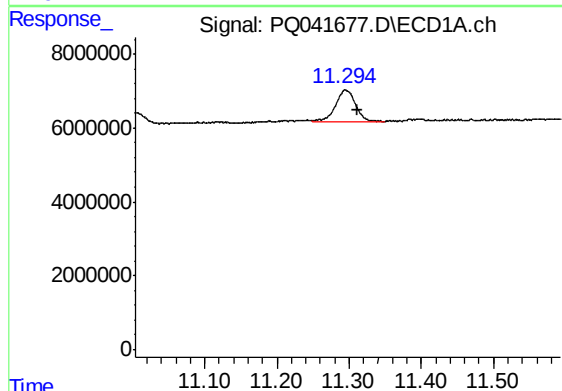
R.T.: 10.566 min
Delta R.T.: -0.032 min
Response: 17860653
Conc: 27.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



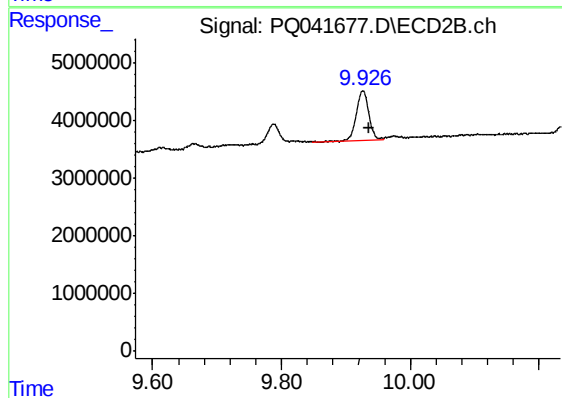
#39 AR-1262-4

R.T.: 9.401 min
Delta R.T.: -0.010 min
Response: 36101460
Conc: 61.43 ng/ml



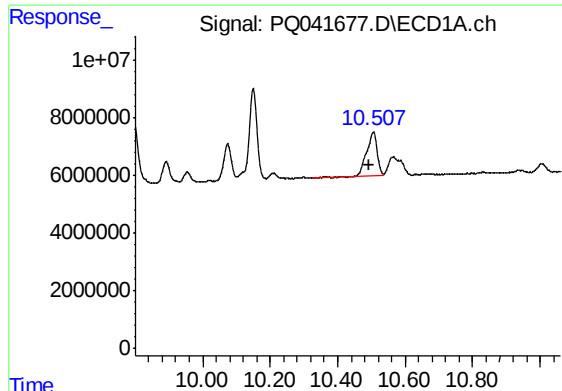
#40 AR-1262-5

R.T.: 11.295 min
Delta R.T.: -0.017 min
Response: 17050120
Conc: 37.30 ng/ml



#40 AR-1262-5

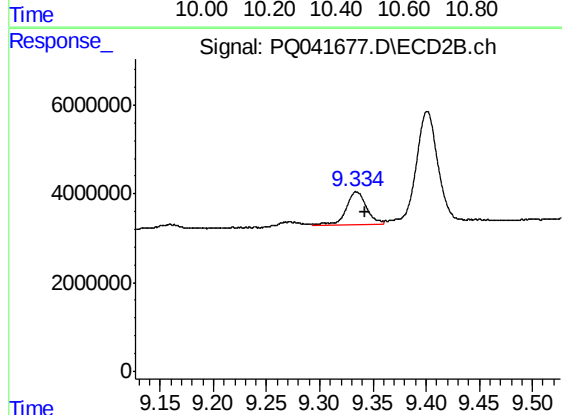
R.T.: 9.926 min
Delta R.T.: -0.010 min
Response: 10879710
Conc: 45.34 ng/ml



#41 AR-1268-1

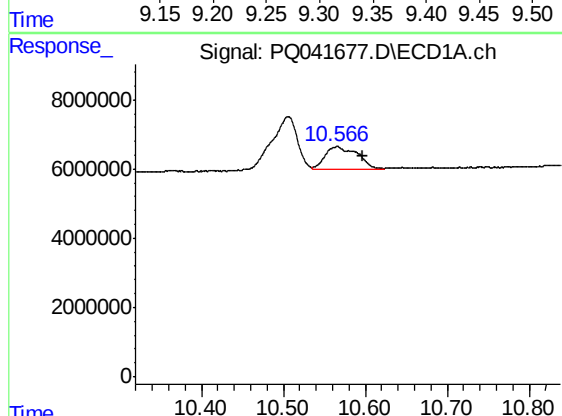
R.T.: 10.506 min
Delta R.T.: 0.012 min
Response: 33608739
Conc: 18.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



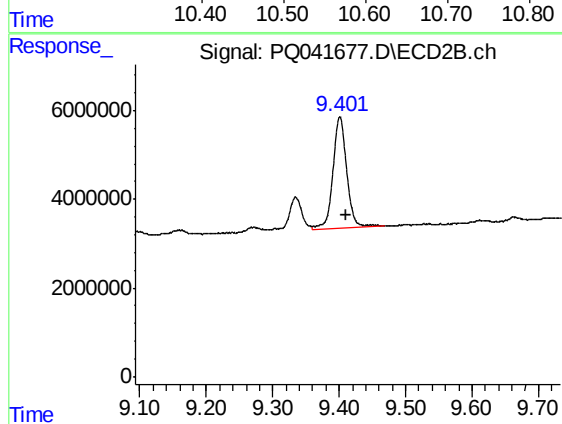
#41 AR-1268-1

R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 9927031
Conc: 8.69 ng/ml



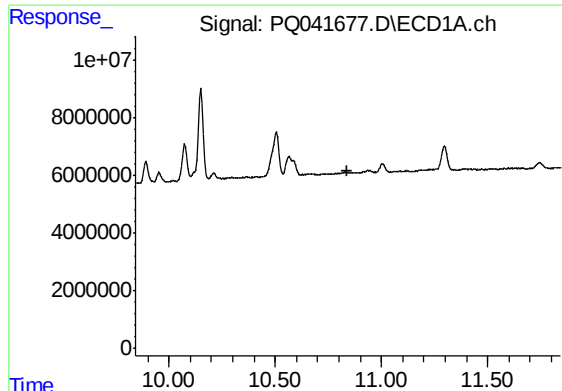
#42 AR-1268-2

R.T.: 10.566 min
Delta R.T.: -0.031 min
Response: 17860653
Conc: 11.19 ng/ml



#42 AR-1268-2

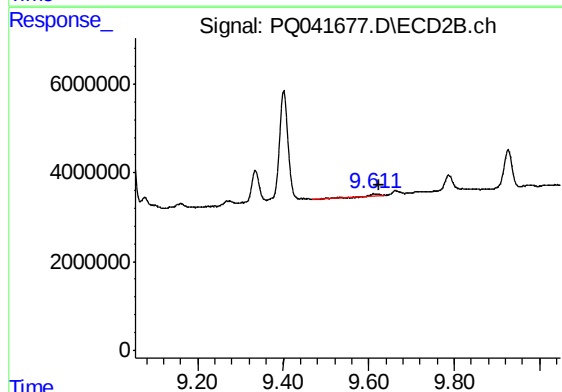
R.T.: 9.401 min
Delta R.T.: -0.008 min
Response: 36101460
Conc: 37.15 ng/ml



#43 AR-1268-3

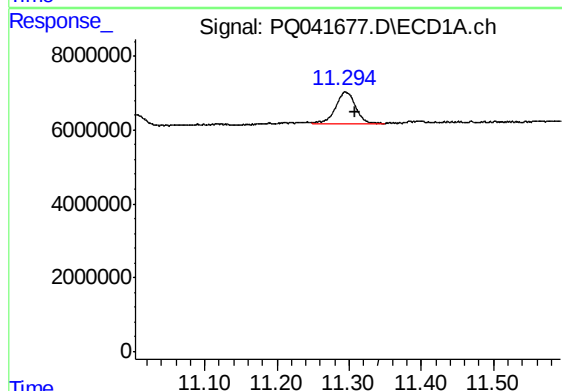
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



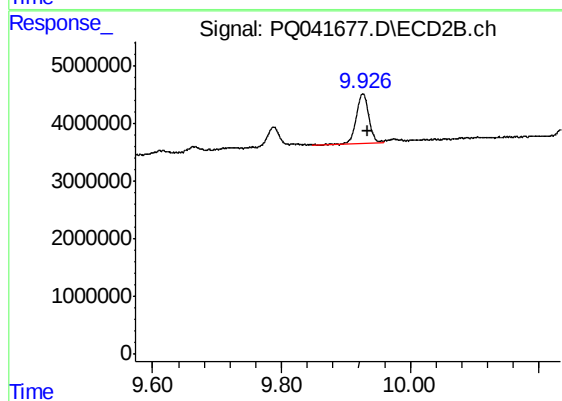
#43 AR-1268-3

R.T.: 9.611 min
Delta R.T.: -0.013 min
Response: 711462
Conc: 0.89 ng/ml



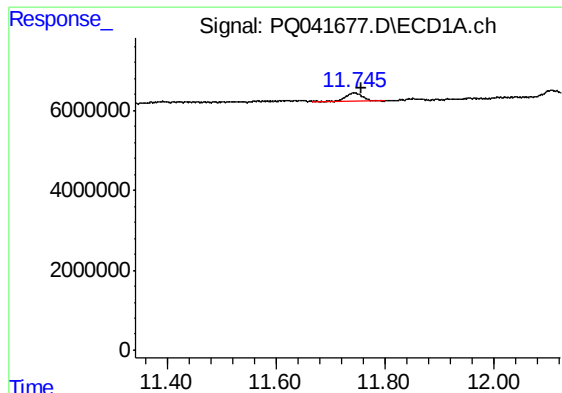
#44 AR-1268-4

R.T.: 11.295 min
Delta R.T.: -0.013 min
Response: 17050120
Conc: 30.04 ng/ml



#44 AR-1268-4

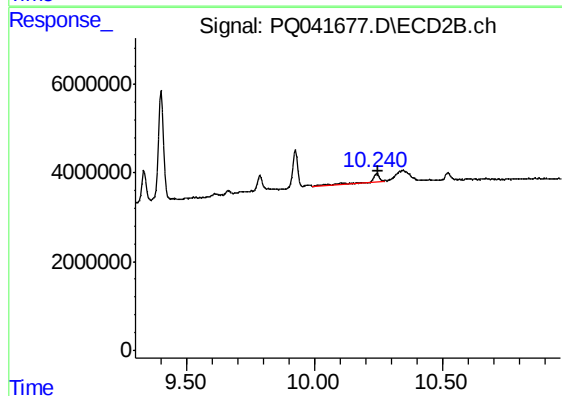
R.T.: 9.926 min
Delta R.T.: -0.008 min
Response: 10879710
Conc: 35.45 ng/ml



#45 AR-1268-5

R.T.: 11.745 min
Delta R.T.: -0.011 min
Response: 4431144
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNK6DL2



#45 AR-1268-5

R.T.: 10.244 min
Delta R.T.: -0.008 min
Response: 4071058
Conc: 2.06 ng/ml