

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060819\
 Data File : PQ040740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2019 08:07
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660304

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 21:29:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 07 01:39:59 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							
1)	SA Tetrachlo...	5.526	4.633	56519450	39998527	23.929	23.949
2)	SA Decachlor...	11.786	10.322	200.5E6	172.3E6	26.625	39.397 #
Target Compounds							
3)	L1 AR-1016-1	6.996	6.097	98373324	74372991	728.512	685.786
4)	L1 AR-1016-2	6.996	6.097	98373324	74372991	476.729	440.154
5)	L1 AR-1016-3	7.068	6.311	61293544	35051224	457.794	396.215
6)	L1 AR-1016-4	7.182	6.365	32509429	28872153	310.677	386.817
7)	L1 AR-1016-5	7.513	6.617	27815421	41175950	247.639	423.188 #
8)	L2 AR-1221-1	5.806	0.000	2537427	0	122.600	N.D. #
9)	L2 AR-1221-2	5.920	0.000	7974844	0	460.672	N.D. #
10)	L2 AR-1221-3	6.015	5.155	29838711	22121953	556.307	560.405
11)	L3 AR-1232-1	6.015	5.155	29838711	22121953	634.467	605.121
12)	L3 AR-1232-2	6.657	6.097	44661562	74372991	1558.157	1583.343
13)	L3 AR-1232-3	6.996	6.311	98373324	35051224	1694.224	1516.100
14)	L3 AR-1232-4	7.182	6.413	32509429	35634971	1174.997	1748.148 #
15)	L3 AR-1232-5	7.285	6.617	38661758	41175950	1703.925	1574.047
16)	L4 AR-1242-1	6.996	6.097	98373324	74372991	1759.798	1647.336
17)	L4 AR-1242-2	6.996	6.097	98373324	74372991	1135.343	1066.171
18)	L4 AR-1242-3	7.068	6.311	61293544	35051224	1080.404	942.195
19)	L4 AR-1242-4	7.182	6.413	32509429	35634971	739.626	943.067 #
20)	L4 AR-1242-5	8.002	7.024	15292413	43682194	276.845	770.030 #
21)	L5 AR-1248-1	6.996	6.097	98373324	74372991	2101.661	1898.128
22)	L5 AR-1248-2	7.285	6.365	38661758	28872153	537.632	473.456
23)	L5 AR-1248-3	7.513	6.413	27815421	35634971	321.118	583.274 #
24)	L5 AR-1248-4	8.002	6.617	15292413	41175950	146.871	529.699 #
25)	L5 AR-1248-5	8.002	7.071	15292413	8407987	157.639	105.781 #
26)	L6 AR-1254-1	7.929	7.024	51812719	43682194	395.447	272.193 #
27)	L6 AR-1254-2	8.166	7.191	46760005	32675677	214.039	221.811
28)	L6 AR-1254-3	8.562	7.652	22592372	65078761	94.618	270.899 #
29)	L6 AR-1254-4	8.862	7.889	17046953	5346893	86.614	35.538 #
30)	L6 AR-1254-5	9.334	8.330	26712157	137.8E6	118.931	590.747 #
31)	L7 AR-1260-1	8.732	7.777	127.3E6	97751774	437.191	402.239
32)	L7 AR-1260-2	9.002	7.983	186.3E6	130.1E6	446.449	411.582
33)	L7 AR-1260-3	9.375	8.144	165.2E6	112.5E6	460.973	394.545
34)	L7 AR-1260-4	9.613	8.640	161.5E6	96856896	453.772	397.588
35)	L7 AR-1260-5	9.946	8.895	406.2E6	257.3E6	470.231	395.882
36)	L8 AR-1262-1	9.435	8.424	81512060	53470587	594.683	480.692
37)	L8 AR-1262-2	9.946	8.895	406.2E6	257.3E6	642.275	499.827
38)	L8 AR-1262-3	10.290	9.183	157.3E6	60618705	348.205	279.071
39)	L8 AR-1262-4	10.343	9.251	185.0E6	190.9E6	488.641	488.308
40)	L8 AR-1262-5	11.037	9.765	131.6E6	67623770	479.870	366.535
41)	L9 AR-1268-1	10.290	9.183	157.3E6	60618705	253.959	132.204 #
42)	L9 AR-1268-2	10.343	9.251	185.0E6	190.9E6	311.496	446.845 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ060819\
 Data File : PQ040740.D
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 Acq On : 08 Jun 2019 08:07
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

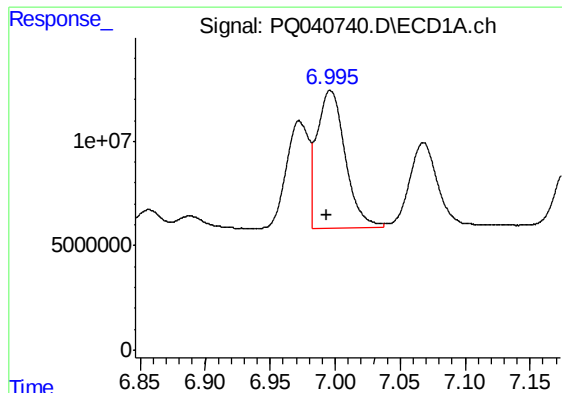
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660304

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 21:29:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060619CLP.M
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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	
43)	L9 AR-1268-3	10.589	0.000	9644769	0	17.933	N.D.	#
44)	L9 AR-1268-4	11.037	9.765	131.6E6	67623770	594.059	453.076	
45)	L9 AR-1268-5	11.452	10.065	35051339	18602007	18.775	14.524	

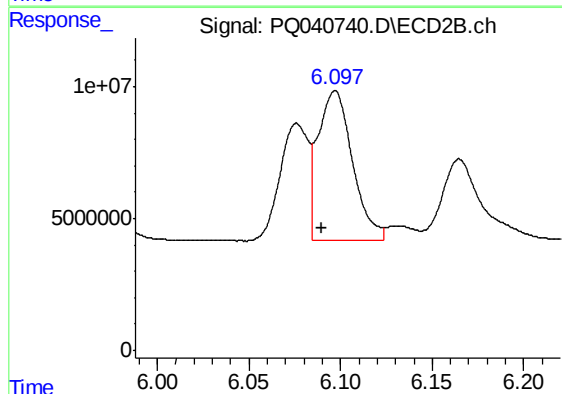
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

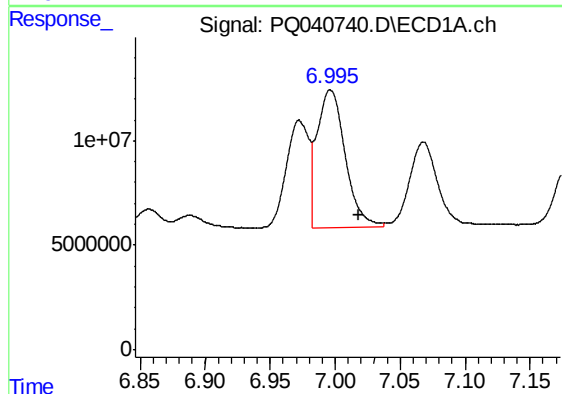
R.T.: 6.996 min
Delta R.T.: 0.003 min
Response: 98373324
Conc: 728.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



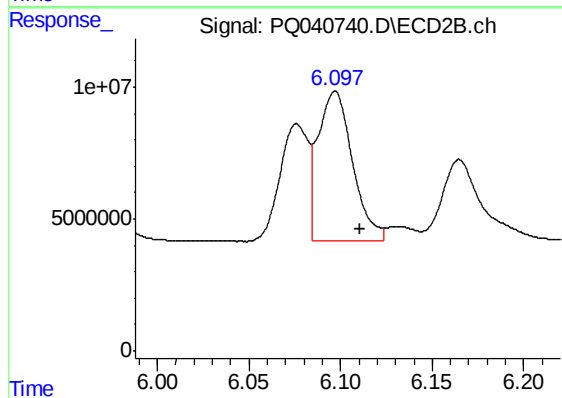
#3 AR-1016-1

R.T.: 6.097 min
Delta R.T.: 0.008 min
Response: 74372991
Conc: 685.79 ng/ml



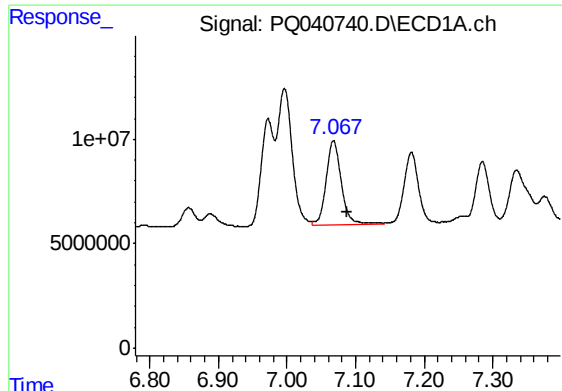
#4 AR-1016-2

R.T.: 6.996 min
Delta R.T.: -0.022 min
Response: 98373324
Conc: 476.73 ng/ml



#4 AR-1016-2

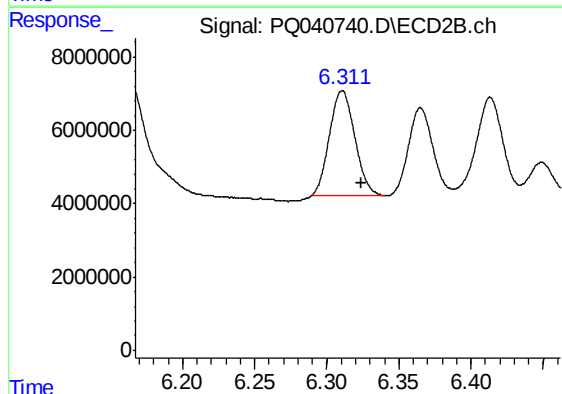
R.T.: 6.097 min
Delta R.T.: -0.013 min
Response: 74372991
Conc: 440.15 ng/ml



#5 AR-1016-3

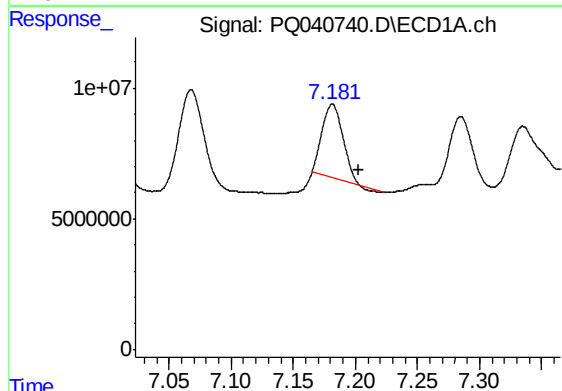
R.T.: 7.068 min
Delta R.T.: -0.021 min
Response: 61293544
Conc: 457.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



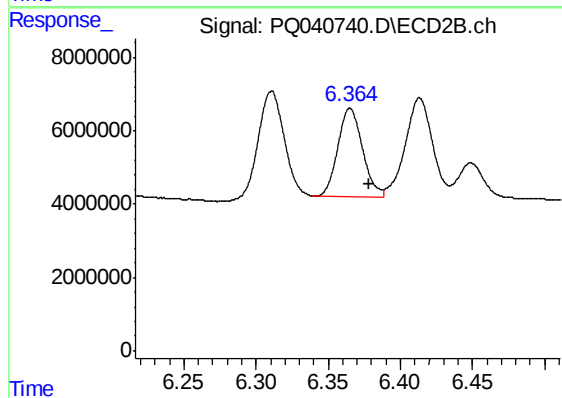
#5 AR-1016-3

R.T.: 6.311 min
Delta R.T.: -0.013 min
Response: 35051224
Conc: 396.21 ng/ml



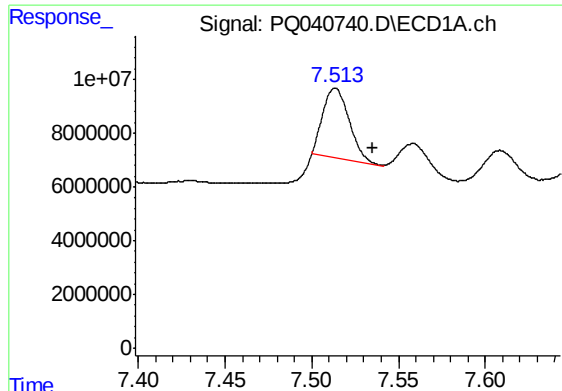
#6 AR-1016-4

R.T.: 7.182 min
Delta R.T.: -0.021 min
Response: 32509429
Conc: 310.68 ng/ml



#6 AR-1016-4

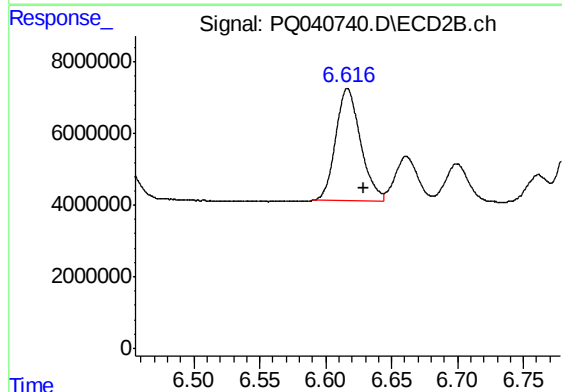
R.T.: 6.365 min
Delta R.T.: -0.013 min
Response: 28872153
Conc: 386.82 ng/ml



#7 AR-1016-5

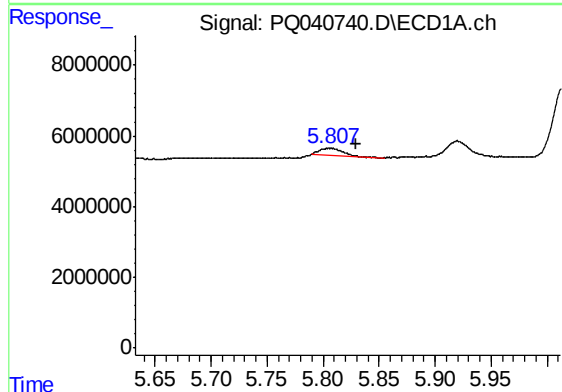
R.T.: 7.513 min
Delta R.T.: -0.022 min
Response: 27815421
Conc: 247.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



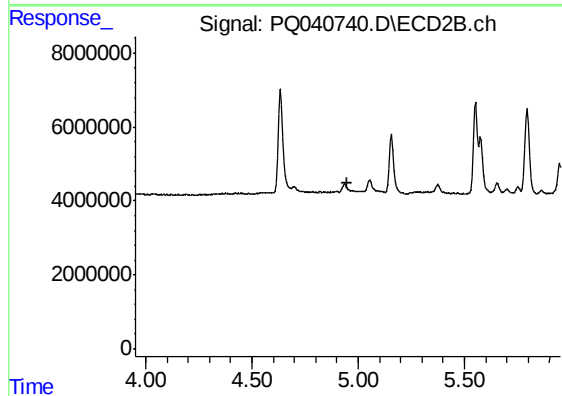
#7 AR-1016-5

R.T.: 6.617 min
Delta R.T.: -0.012 min
Response: 41175950
Conc: 423.19 ng/ml



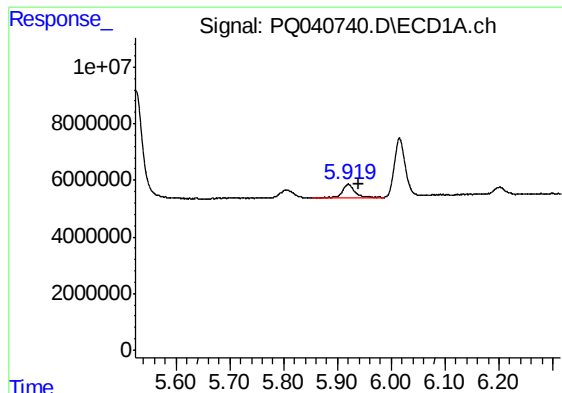
#8 AR-1221-1

R.T.: 5.806 min
Delta R.T.: -0.023 min
Response: 2537427
Conc: 122.60 ng/ml



#8 AR-1221-1

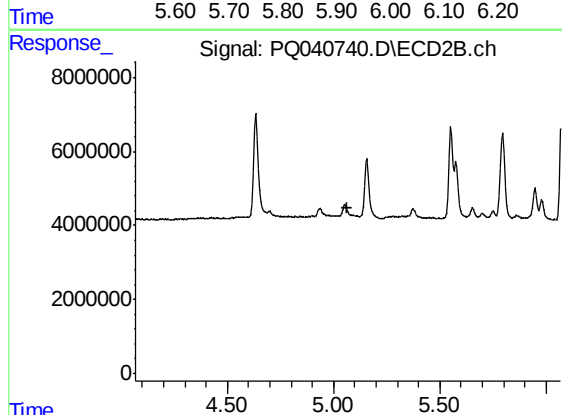
R.T.: 0.000 min
Exp R.T. : 4.951 min
Response: 0
Conc: N.D.



#9 AR-1221-2

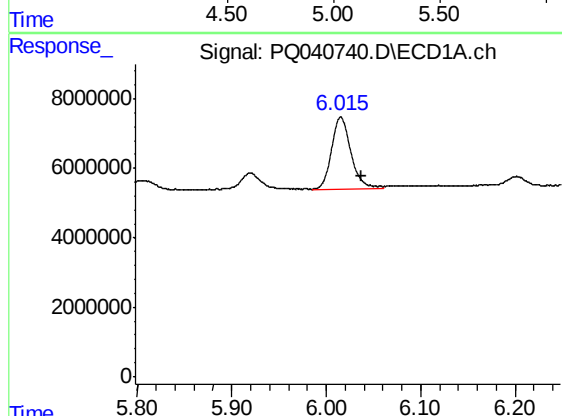
R.T.: 5.920 min
Delta R.T.: -0.021 min
Response: 7974844
Conc: 460.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



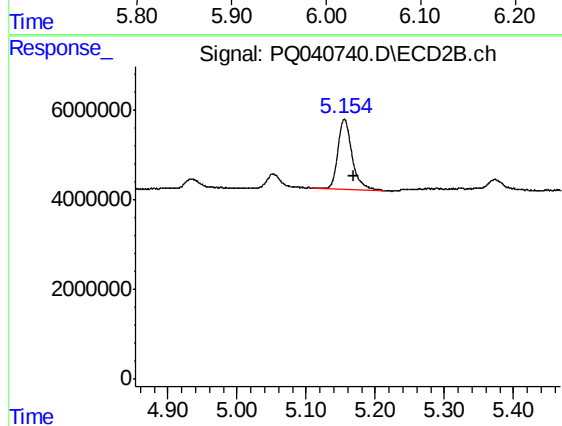
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.067 min
Response: 0
Conc: N.D.



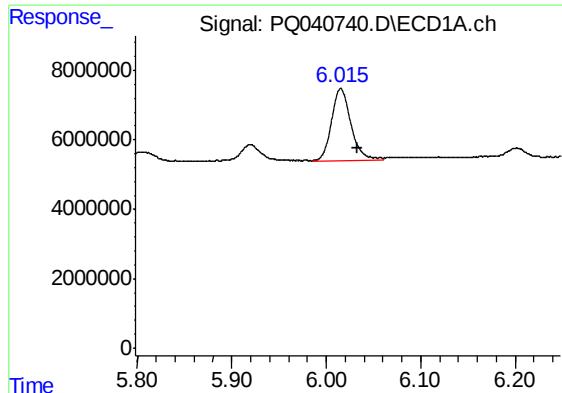
#10 AR-1221-3

R.T.: 6.015 min
Delta R.T.: -0.022 min
Response: 29838711
Conc: 556.31 ng/ml



#10 AR-1221-3

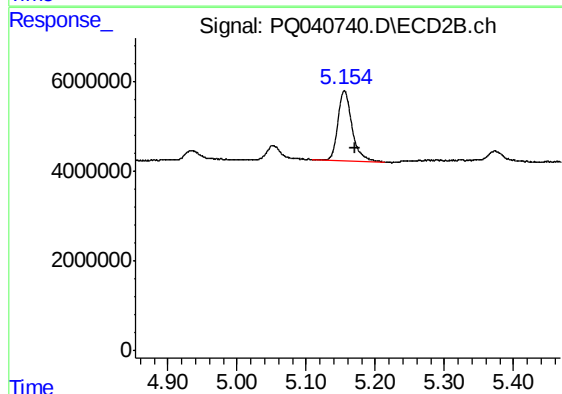
R.T.: 5.155 min
Delta R.T.: -0.014 min
Response: 22121953
Conc: 560.41 ng/ml



#11 AR-1232-1

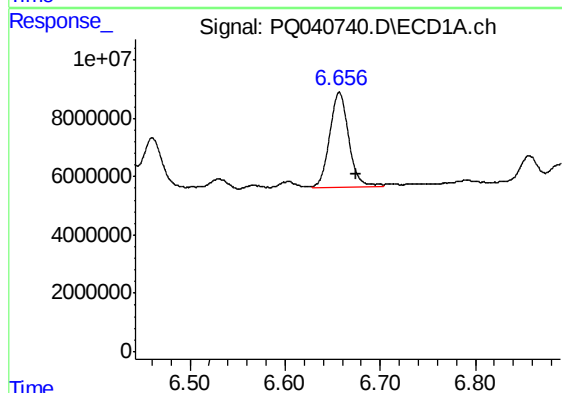
R.T.: 6.015 min
Delta R.T.: -0.018 min
Response: 29838711
Conc: 634.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



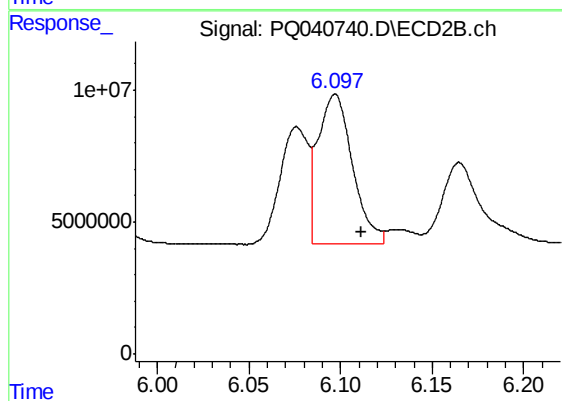
#11 AR-1232-1

R.T.: 5.155 min
Delta R.T.: -0.016 min
Response: 22121953
Conc: 605.12 ng/ml



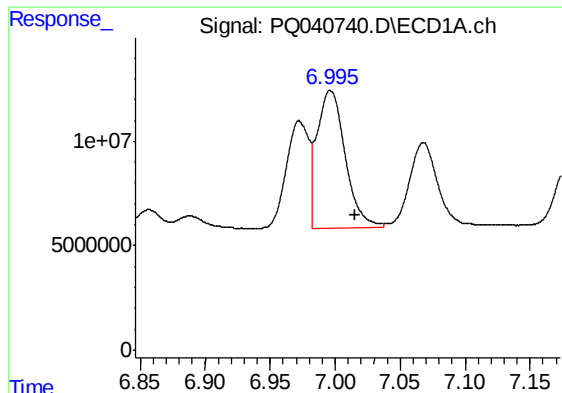
#12 AR-1232-2

R.T.: 6.657 min
Delta R.T.: -0.017 min
Response: 44661562
Conc: 1558.16 ng/ml



#12 AR-1232-2

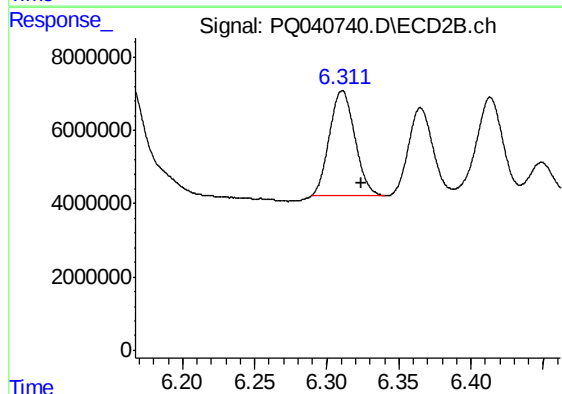
R.T.: 6.097 min
Delta R.T.: -0.014 min
Response: 74372991
Conc: 1583.34 ng/ml



#13 AR-1232-3

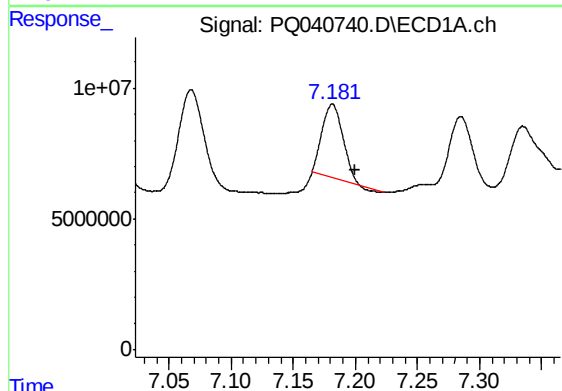
R.T.: 6.996 min
Delta R.T.: -0.018 min
Response: 98373324
Conc: 1694.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



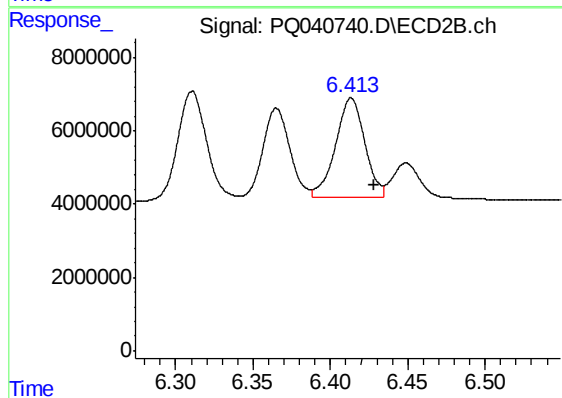
#13 AR-1232-3

R.T.: 6.311 min
Delta R.T.: -0.013 min
Response: 35051224
Conc: 1516.10 ng/ml



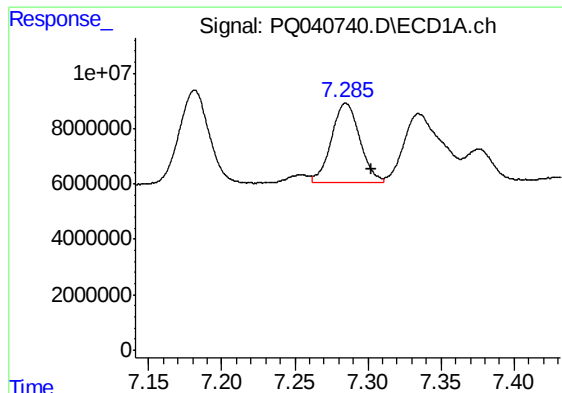
#14 AR-1232-4

R.T.: 7.182 min
Delta R.T.: -0.018 min
Response: 32509429
Conc: 1175.00 ng/ml



#14 AR-1232-4

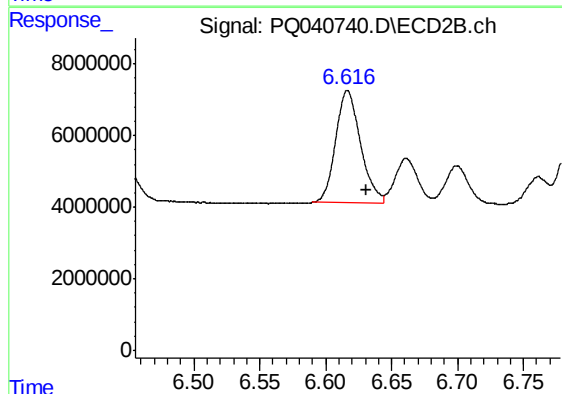
R.T.: 6.413 min
Delta R.T.: -0.015 min
Response: 35634971
Conc: 1748.15 ng/ml



#15 AR-1232-5

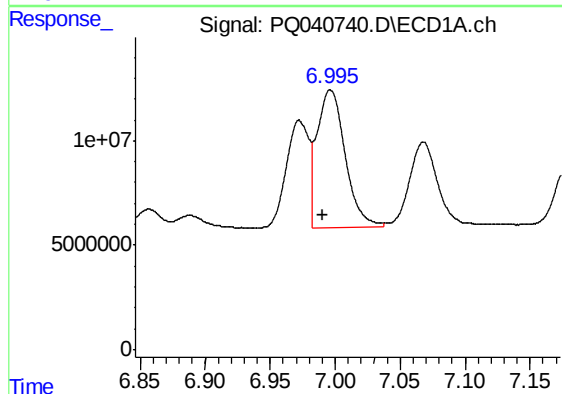
R.T.: 7.285 min
Delta R.T.: -0.017 min
Response: 38661758
Conc: 1703.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



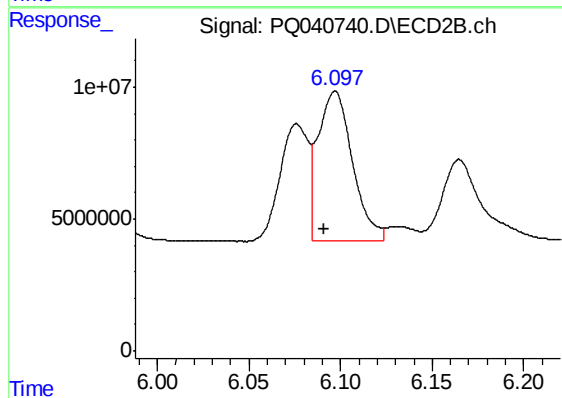
#15 AR-1232-5

R.T.: 6.617 min
Delta R.T.: -0.015 min
Response: 41175950
Conc: 1574.05 ng/ml



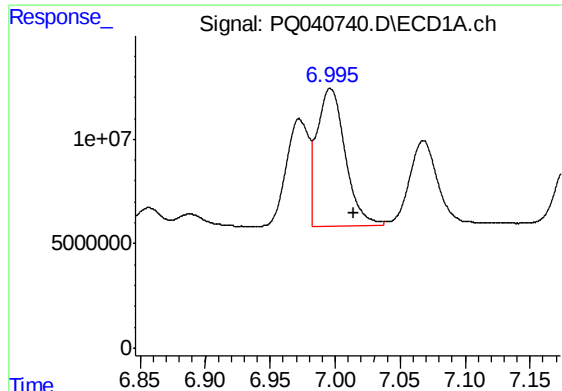
#16 AR-1242-1

R.T.: 6.996 min
Delta R.T.: 0.006 min
Response: 98373324
Conc: 1759.80 ng/ml



#16 AR-1242-1

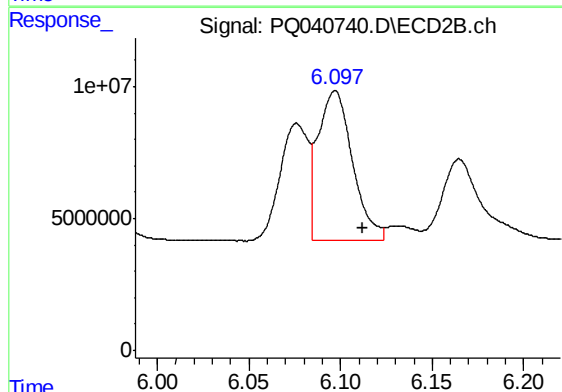
R.T.: 6.097 min
Delta R.T.: 0.006 min
Response: 74372991
Conc: 1647.34 ng/ml



#17 AR-1242-2

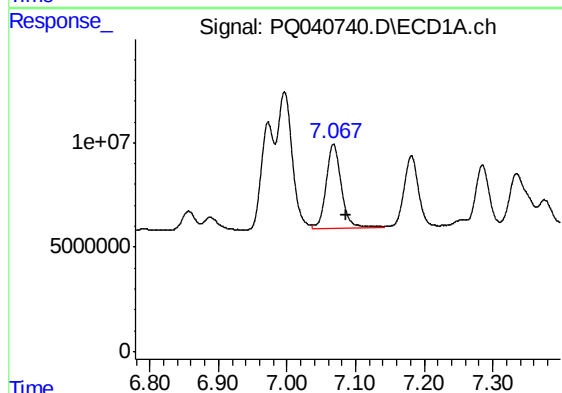
R.T.: 6.996 min
Delta R.T.: -0.018 min
Response: 98373324
Conc: 1135.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



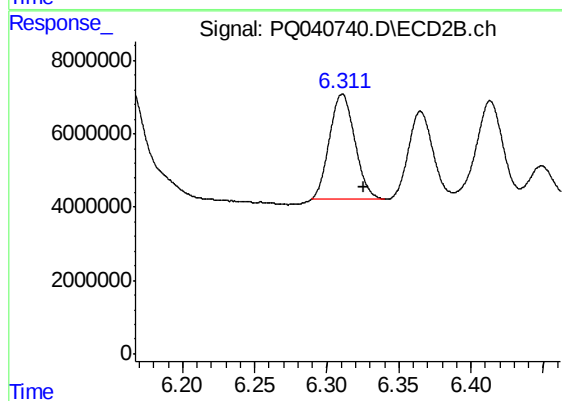
#17 AR-1242-2

R.T.: 6.097 min
Delta R.T.: -0.015 min
Response: 74372991
Conc: 1066.17 ng/ml



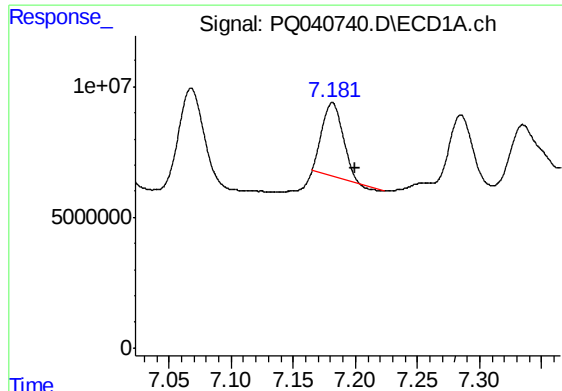
#18 AR-1242-3

R.T.: 7.068 min
Delta R.T.: -0.018 min
Response: 61293544
Conc: 1080.40 ng/ml



#18 AR-1242-3

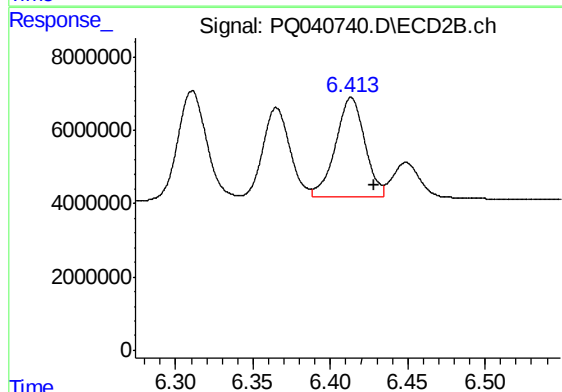
R.T.: 6.311 min
Delta R.T.: -0.015 min
Response: 35051224
Conc: 942.19 ng/ml



#19 AR-1242-4

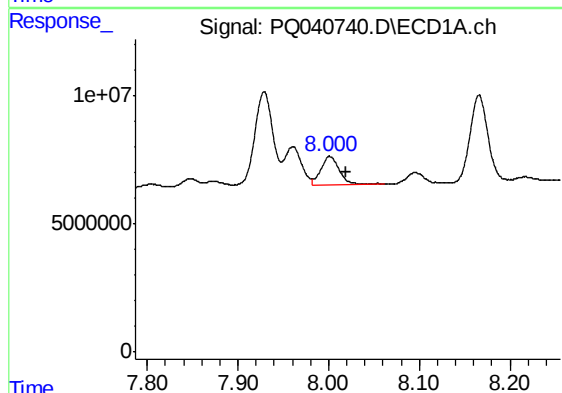
R.T.: 7.182 min
Delta R.T.: -0.018 min
Response: 32509429
Conc: 739.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



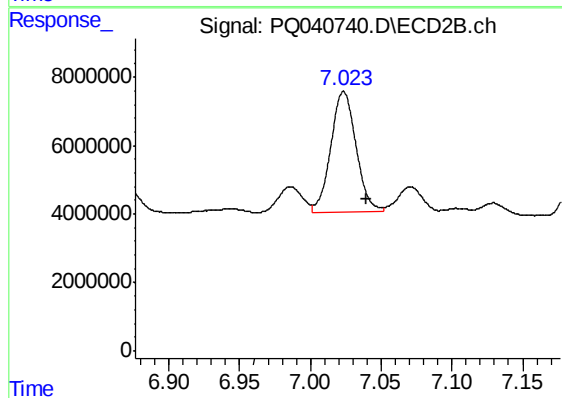
#19 AR-1242-4

R.T.: 6.413 min
Delta R.T.: -0.015 min
Response: 35634971
Conc: 943.07 ng/ml



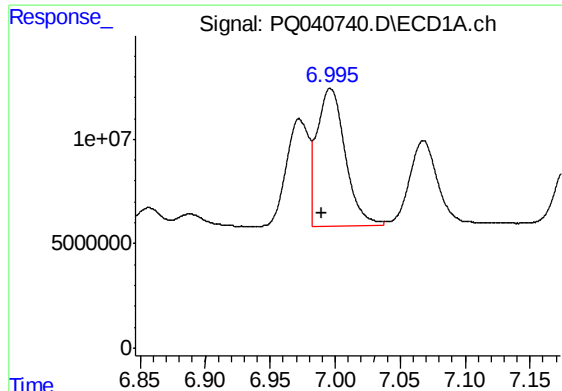
#20 AR-1242-5

R.T.: 8.002 min
Delta R.T.: -0.018 min
Response: 15292413
Conc: 276.84 ng/ml



#20 AR-1242-5

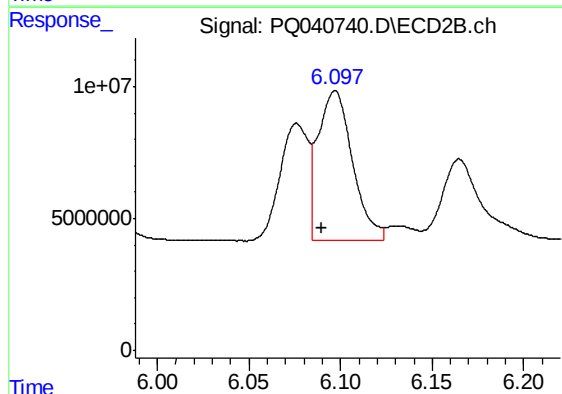
R.T.: 7.024 min
Delta R.T.: -0.016 min
Response: 43682194
Conc: 770.03 ng/ml



#21 AR-1248-1

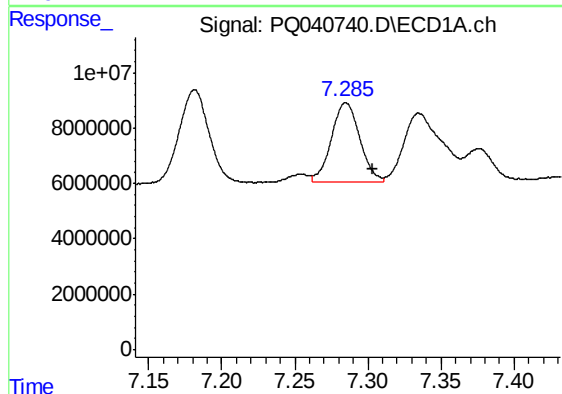
R.T.: 6.996 min
Delta R.T.: 0.006 min
Response: 98373324
Conc: 2101.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



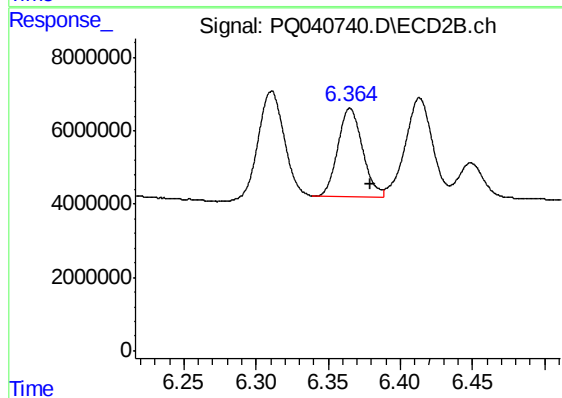
#21 AR-1248-1

R.T.: 6.097 min
Delta R.T.: 0.008 min
Response: 74372991
Conc: 1898.13 ng/ml



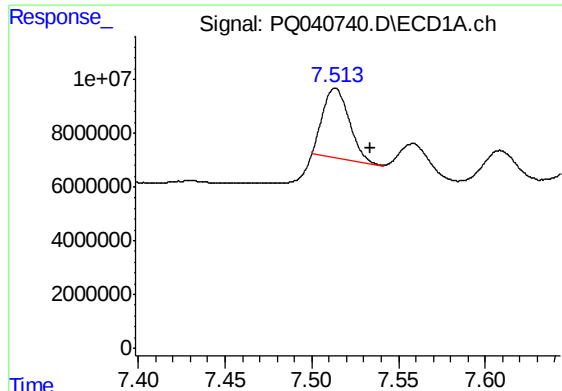
#22 AR-1248-2

R.T.: 7.285 min
Delta R.T.: -0.018 min
Response: 38661758
Conc: 537.63 ng/ml



#22 AR-1248-2

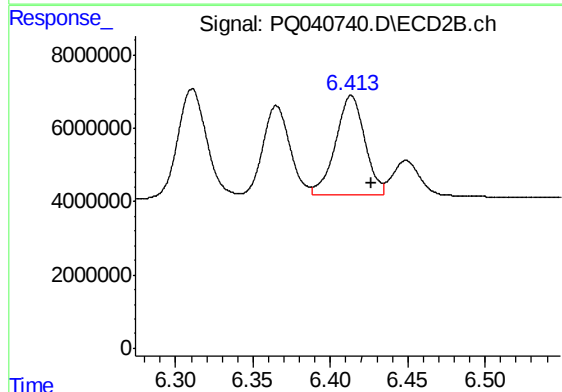
R.T.: 6.365 min
Delta R.T.: -0.014 min
Response: 28872153
Conc: 473.46 ng/ml



#23 AR-1248-3

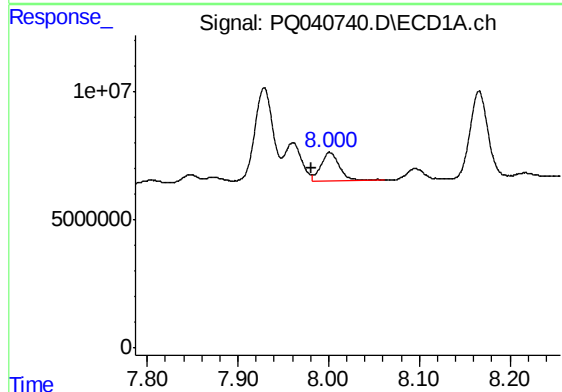
R.T.: 7.513 min
Delta R.T.: -0.020 min
Response: 27815421
Conc: 321.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



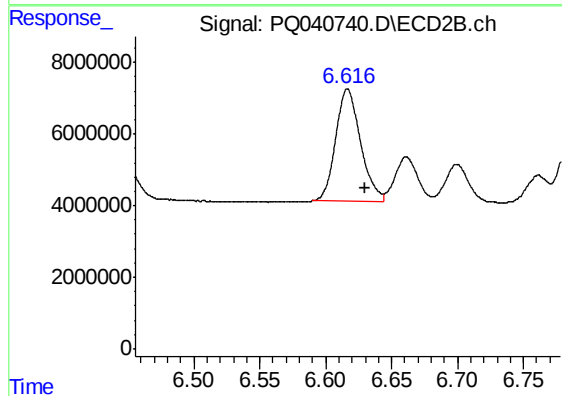
#23 AR-1248-3

R.T.: 6.413 min
Delta R.T.: -0.013 min
Response: 35634971
Conc: 583.27 ng/ml



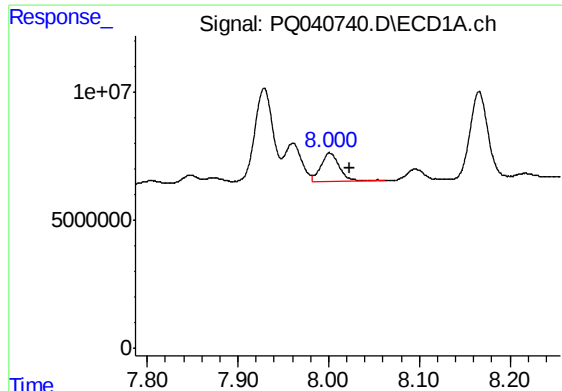
#24 AR-1248-4

R.T.: 8.002 min
Delta R.T.: 0.020 min
Response: 15292413
Conc: 146.87 ng/ml



#24 AR-1248-4

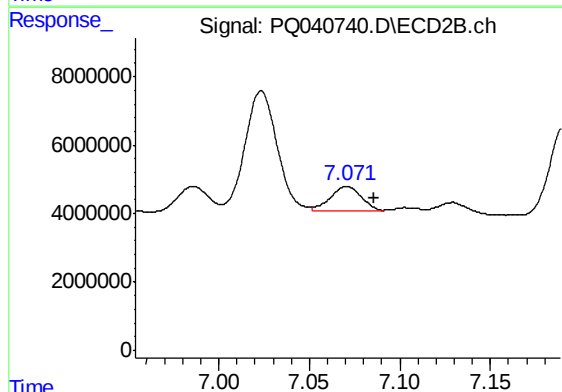
R.T.: 6.617 min
Delta R.T.: -0.014 min
Response: 41175950
Conc: 529.70 ng/ml



#25 AR-1248-5

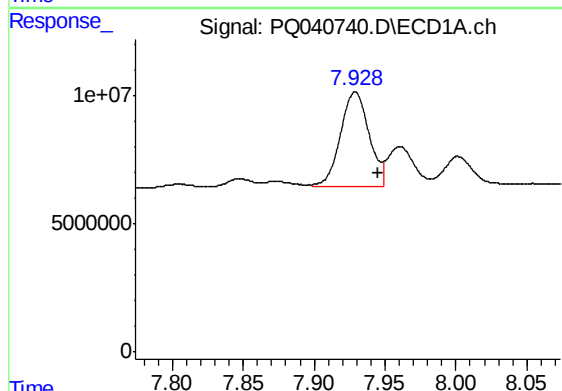
R.T.: 8.002 min
Delta R.T.: -0.021 min
Response: 15292413
Conc: 157.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



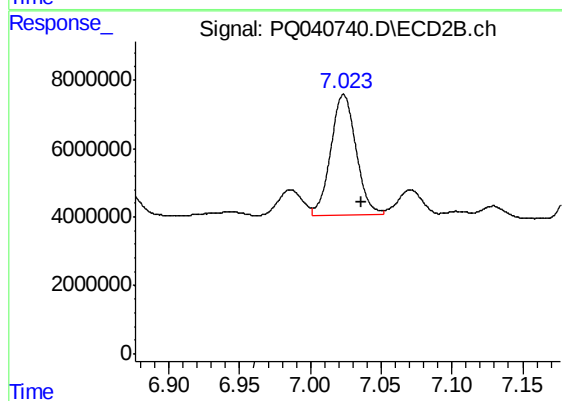
#25 AR-1248-5

R.T.: 7.071 min
Delta R.T.: -0.015 min
Response: 8407987
Conc: 105.78 ng/ml



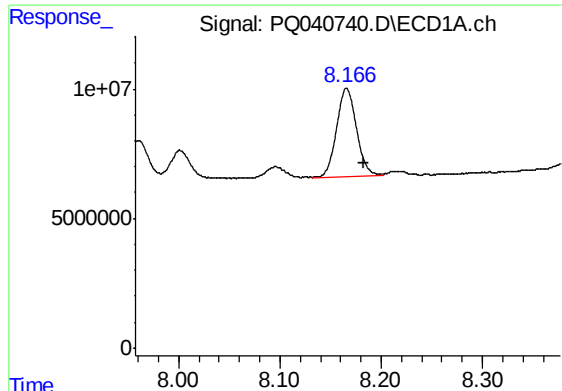
#26 AR-1254-1

R.T.: 7.929 min
Delta R.T.: -0.016 min
Response: 51812719
Conc: 395.45 ng/ml



#26 AR-1254-1

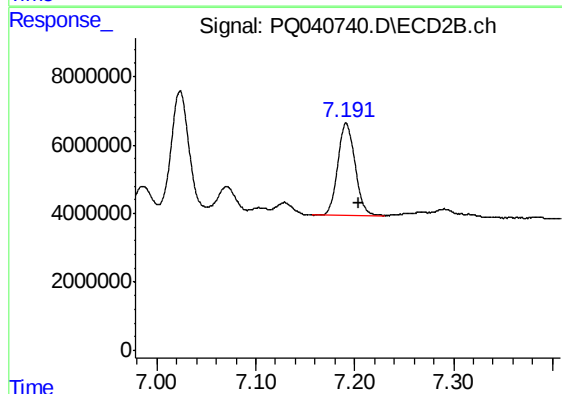
R.T.: 7.024 min
Delta R.T.: -0.012 min
Response: 43682194
Conc: 272.19 ng/ml



#27 AR-1254-2

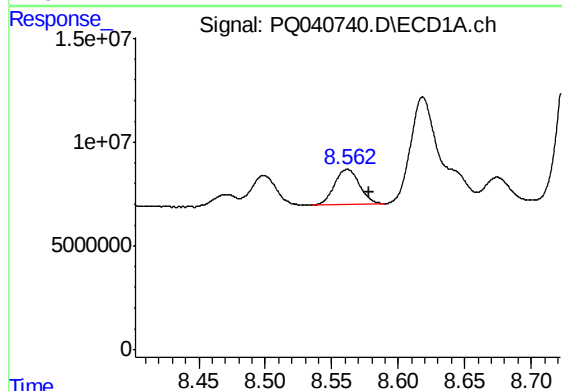
R.T.: 8.166 min
Delta R.T.: -0.017 min
Response: 46760005
Conc: 214.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



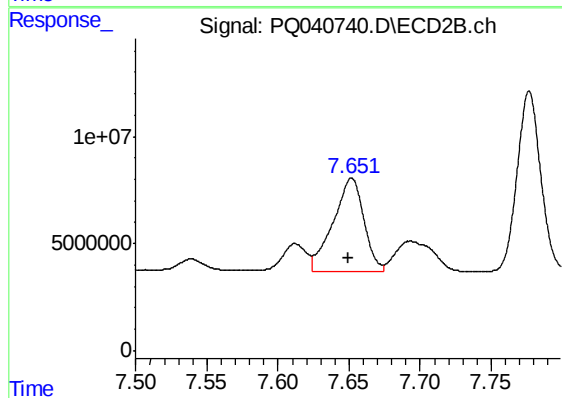
#27 AR-1254-2

R.T.: 7.191 min
Delta R.T.: -0.013 min
Response: 32675677
Conc: 221.81 ng/ml



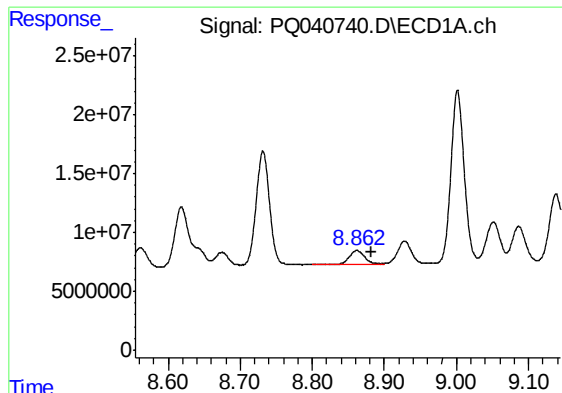
#28 AR-1254-3

R.T.: 8.562 min
Delta R.T.: -0.017 min
Response: 22592372
Conc: 94.62 ng/ml



#28 AR-1254-3

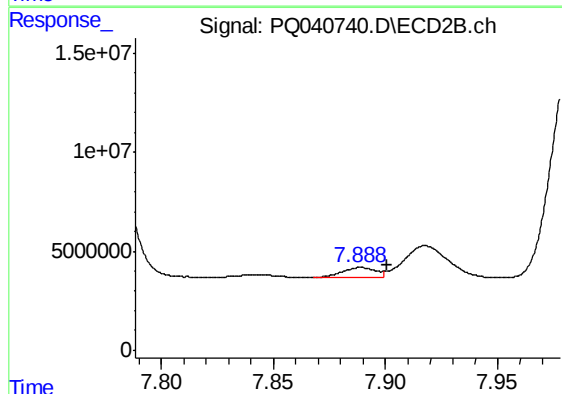
R.T.: 7.652 min
Delta R.T.: 0.002 min
Response: 65078761
Conc: 270.90 ng/ml



#29 AR-1254-4

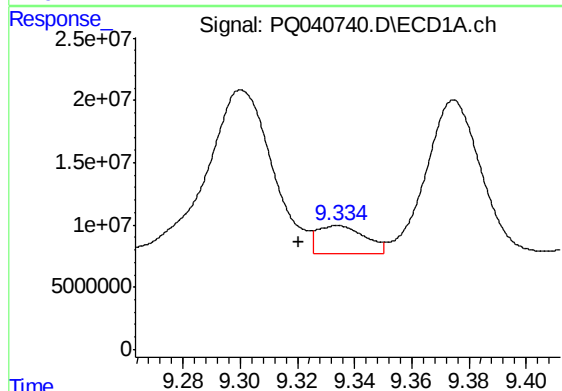
R.T.: 8.862 min
Delta R.T.: -0.020 min
Response: 17046953
Conc: 86.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



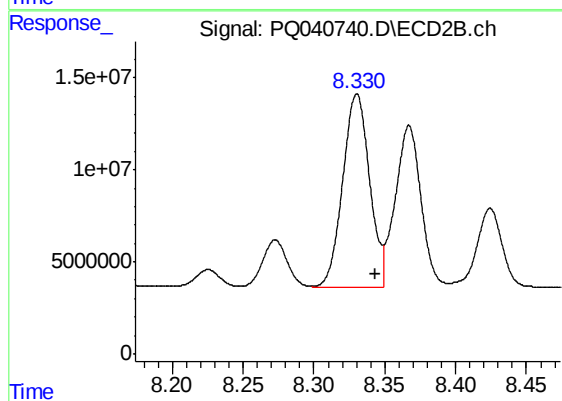
#29 AR-1254-4

R.T.: 7.889 min
Delta R.T.: -0.012 min
Response: 5346893
Conc: 35.54 ng/ml



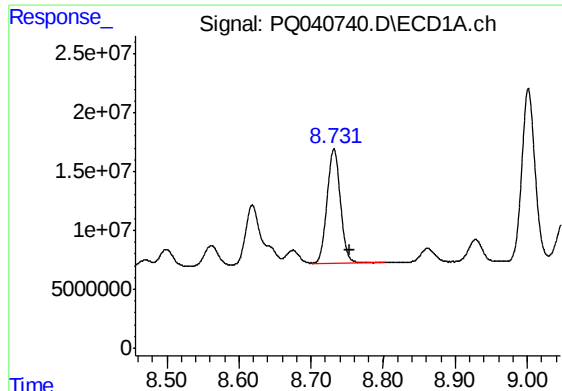
#30 AR-1254-5

R.T.: 9.334 min
Delta R.T.: 0.013 min
Response: 26712157
Conc: 118.93 ng/ml



#30 AR-1254-5

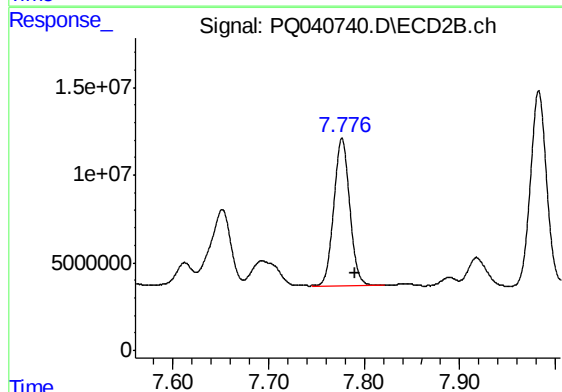
R.T.: 8.330 min
Delta R.T.: -0.013 min
Response: 137847996
Conc: 590.75 ng/ml



#31 AR-1260-1

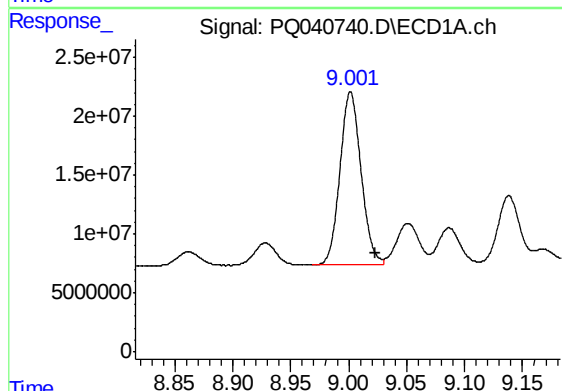
R.T.: 8.732 min
Delta R.T.: -0.021 min
Response: 127343355
Conc: 437.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



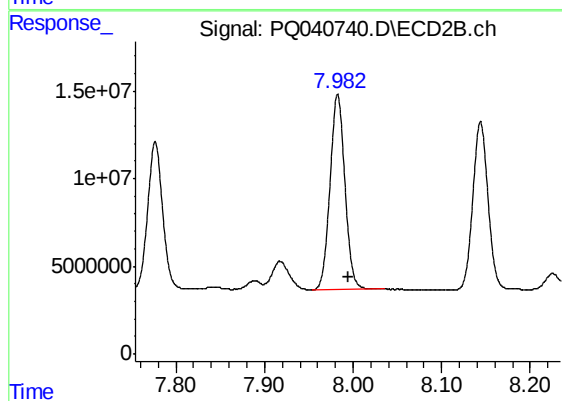
#31 AR-1260-1

R.T.: 7.777 min
Delta R.T.: -0.013 min
Response: 97751774
Conc: 402.24 ng/ml



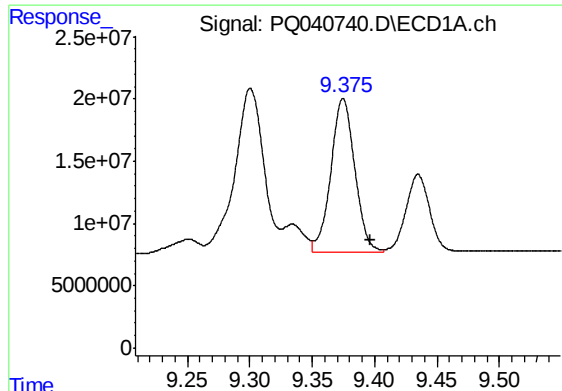
#32 AR-1260-2

R.T.: 9.002 min
Delta R.T.: -0.021 min
Response: 186265848
Conc: 446.45 ng/ml



#32 AR-1260-2

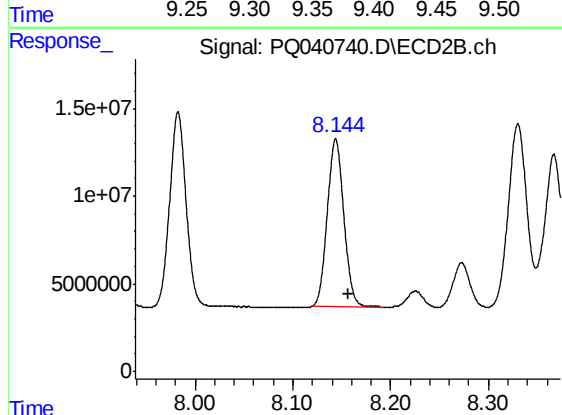
R.T.: 7.983 min
Delta R.T.: -0.013 min
Response: 130050975
Conc: 411.58 ng/ml



#33 AR-1260-3

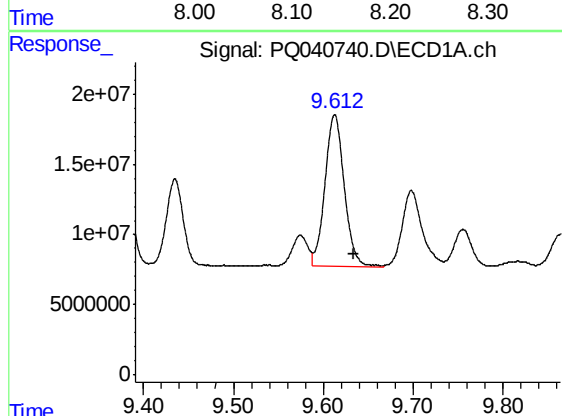
R.T.: 9.375 min
Delta R.T.: -0.022 min
Response: 165161153
Conc: 460.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



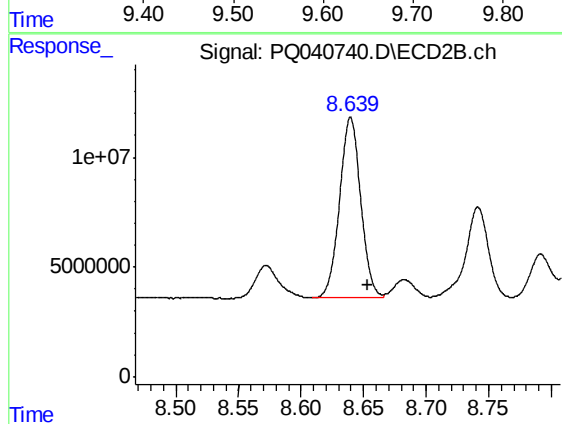
#33 AR-1260-3

R.T.: 8.144 min
Delta R.T.: -0.014 min
Response: 112479560
Conc: 394.55 ng/ml



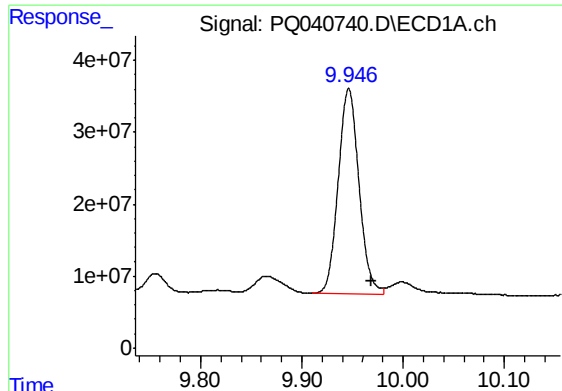
#34 AR-1260-4

R.T.: 9.613 min
Delta R.T.: -0.022 min
Response: 161510642
Conc: 453.77 ng/ml



#34 AR-1260-4

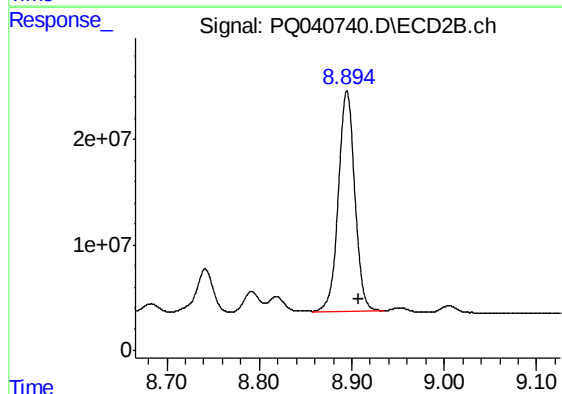
R.T.: 8.640 min
Delta R.T.: -0.014 min
Response: 96856896
Conc: 397.59 ng/ml



#35 AR-1260-5

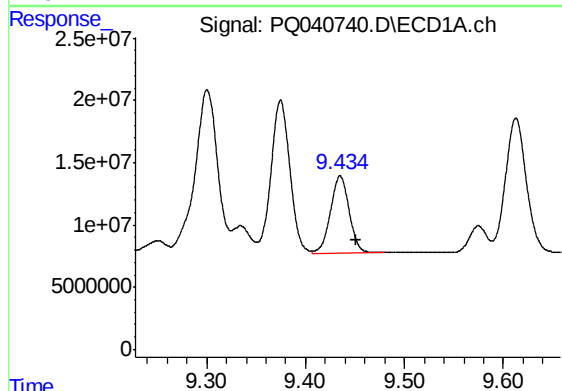
R.T.: 9.946 min
Delta R.T.: -0.023 min
Response: 406184583
Conc: 470.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



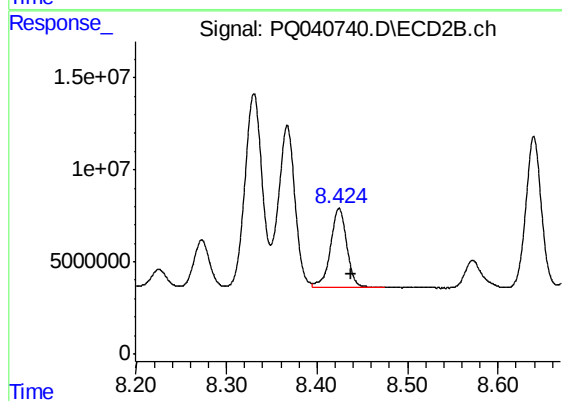
#35 AR-1260-5

R.T.: 8.895 min
Delta R.T.: -0.013 min
Response: 257303588
Conc: 395.88 ng/ml



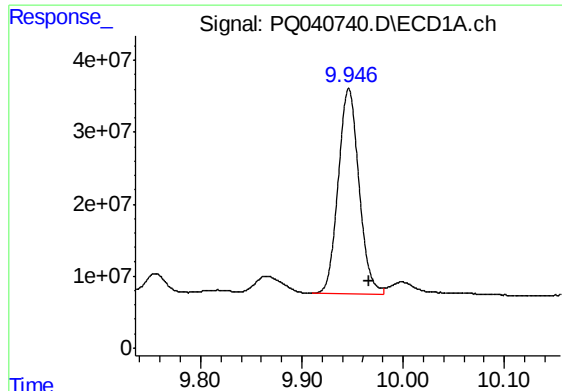
#36 AR-1262-1

R.T.: 9.435 min
Delta R.T.: -0.017 min
Response: 81512060
Conc: 594.68 ng/ml



#36 AR-1262-1

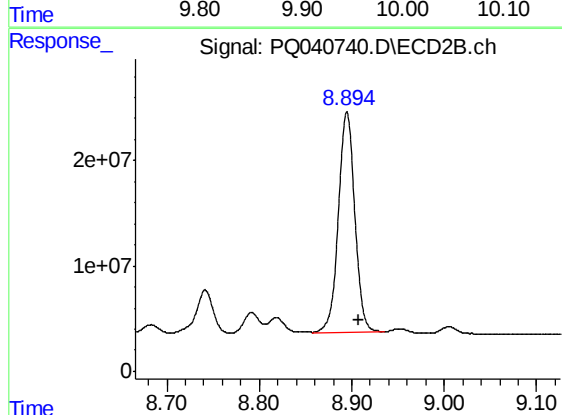
R.T.: 8.424 min
Delta R.T.: -0.014 min
Response: 53470587
Conc: 480.69 ng/ml



#37 AR-1262-2

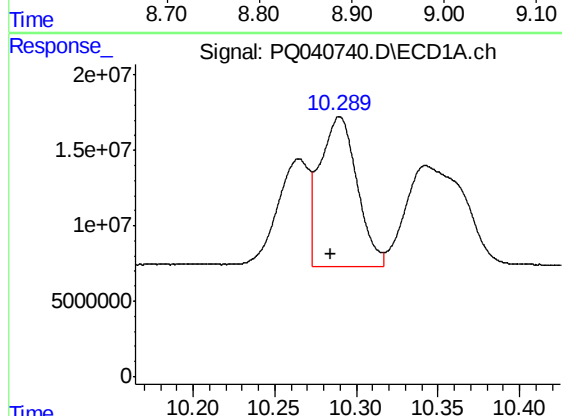
R.T.: 9.946 min
Delta R.T.: -0.019 min
Response: 406184583
Conc: 642.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



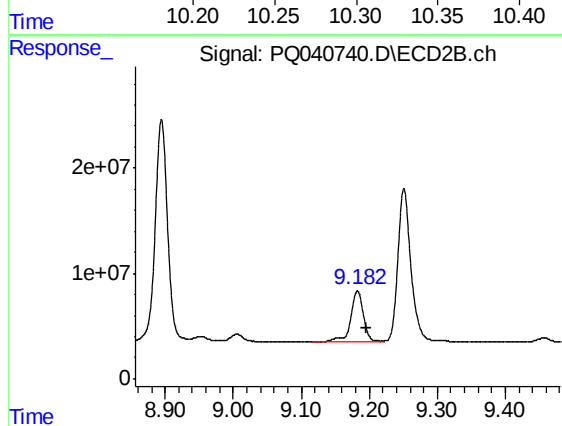
#37 AR-1262-2

R.T.: 8.895 min
Delta R.T.: -0.013 min
Response: 257303588
Conc: 499.83 ng/ml



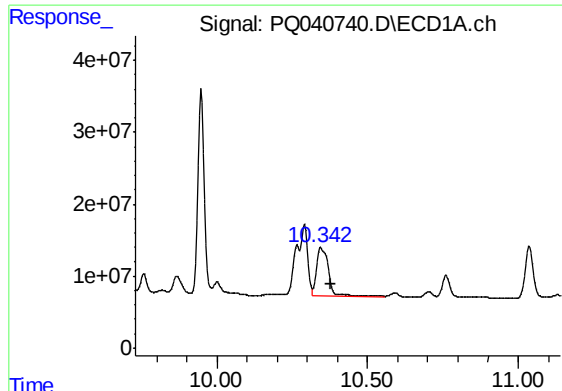
#38 AR-1262-3

R.T.: 10.290 min
Delta R.T.: 0.005 min
Response: 157286328
Conc: 348.20 ng/ml



#38 AR-1262-3

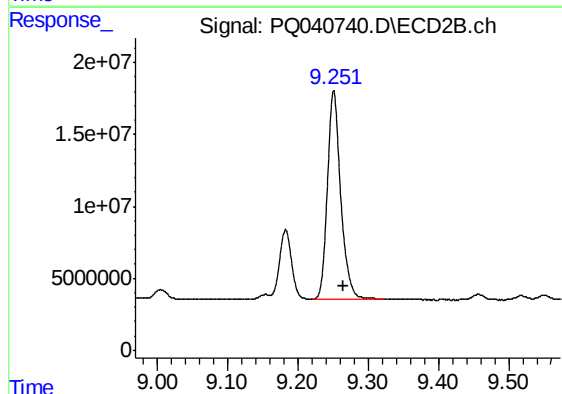
R.T.: 9.183 min
Delta R.T.: -0.014 min
Response: 60618705
Conc: 279.07 ng/ml



#39 AR-1262-4

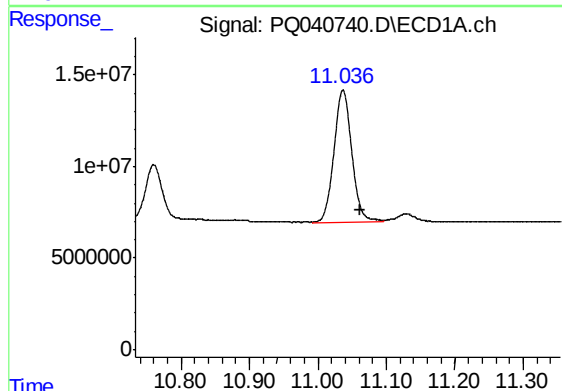
R.T.: 10.343 min
Delta R.T.: -0.035 min
Response: 185019764
Conc: 488.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



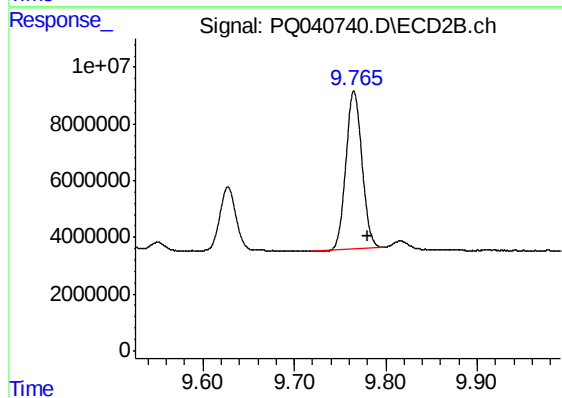
#39 AR-1262-4

R.T.: 9.251 min
Delta R.T.: -0.014 min
Response: 190924464
Conc: 488.31 ng/ml



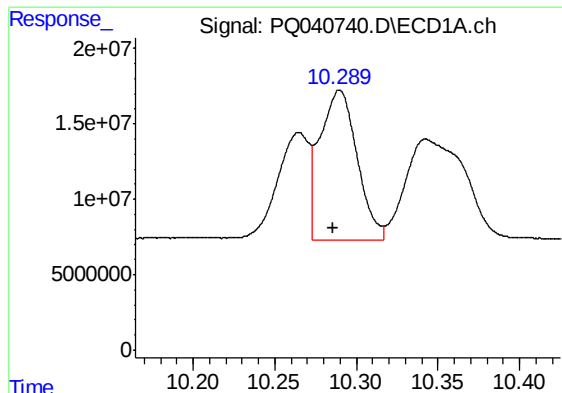
#40 AR-1262-5

R.T.: 11.037 min
Delta R.T.: -0.025 min
Response: 131608653
Conc: 479.87 ng/ml



#40 AR-1262-5

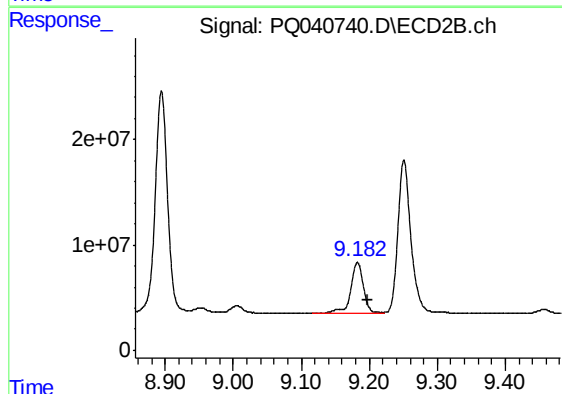
R.T.: 9.765 min
Delta R.T.: -0.014 min
Response: 67623770
Conc: 366.53 ng/ml



#41 AR-1268-1

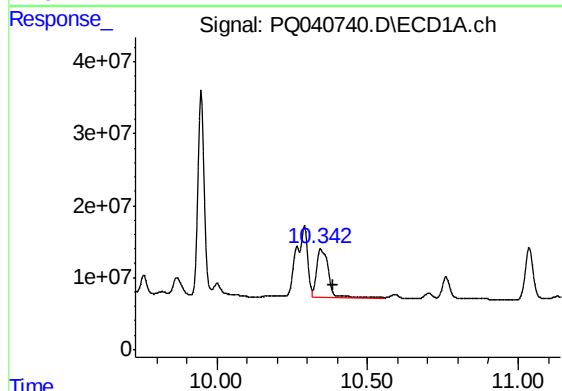
R.T.: 10.290 min
Delta R.T.: 0.004 min
Response: 157286328
Conc: 253.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



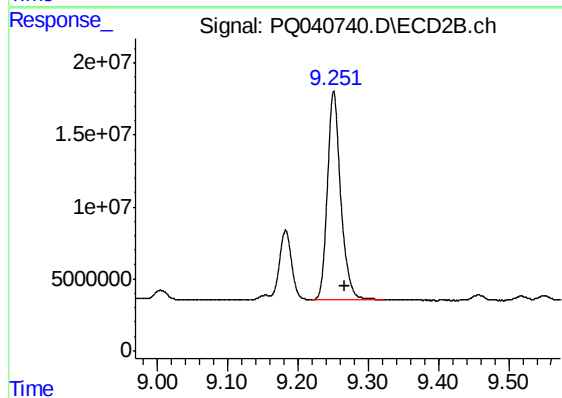
#41 AR-1268-1

R.T.: 9.183 min
Delta R.T.: -0.015 min
Response: 60618705
Conc: 132.20 ng/ml



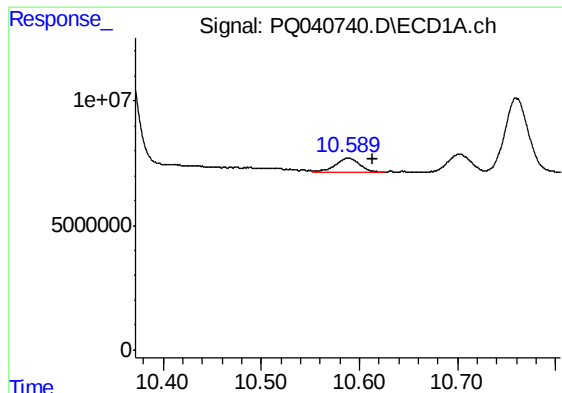
#42 AR-1268-2

R.T.: 10.343 min
Delta R.T.: -0.041 min
Response: 185019764
Conc: 311.50 ng/ml



#42 AR-1268-2

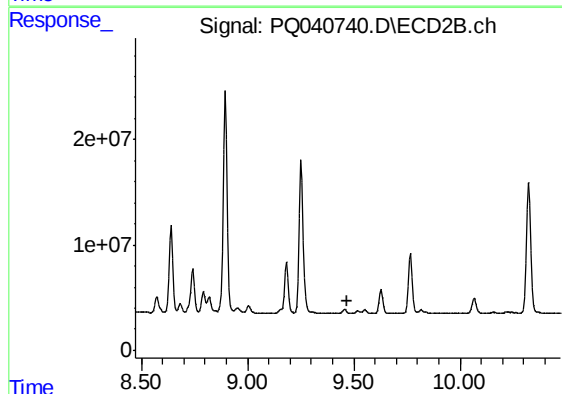
R.T.: 9.251 min
Delta R.T.: -0.015 min
Response: 190924464
Conc: 446.84 ng/ml



#43 AR-1268-3

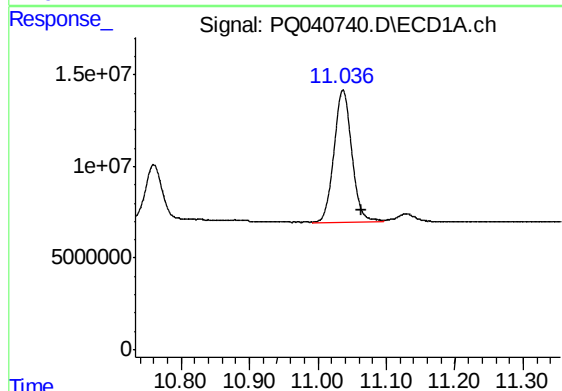
R.T.: 10.589 min
Delta R.T.: -0.024 min
Response: 9644769
Conc: 17.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



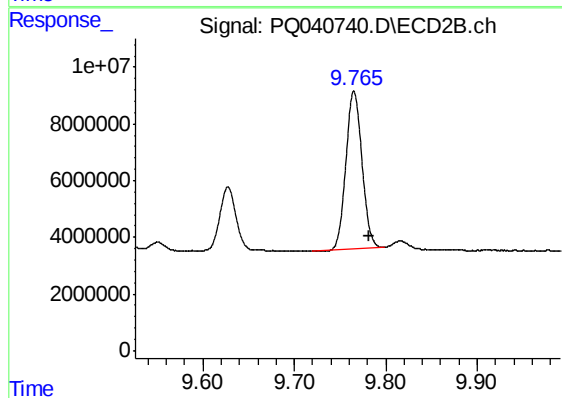
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.472 min
Response: 0
Conc: N.D.



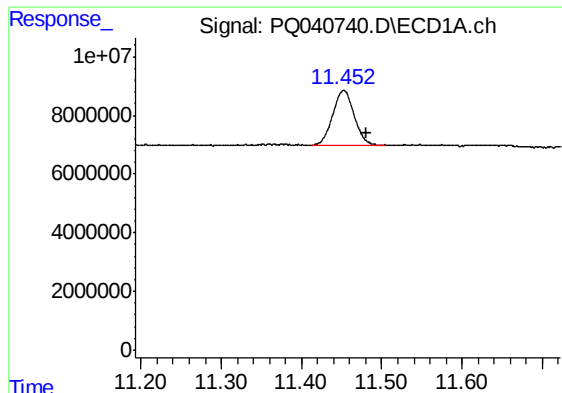
#44 AR-1268-4

R.T.: 11.037 min
Delta R.T.: -0.027 min
Response: 131608653
Conc: 594.06 ng/ml



#44 AR-1268-4

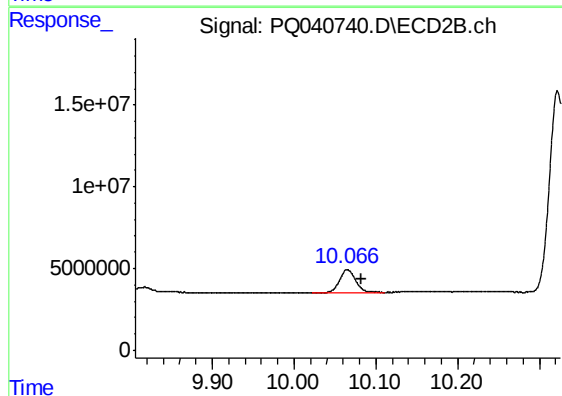
R.T.: 9.765 min
Delta R.T.: -0.017 min
Response: 67623770
Conc: 453.08 ng/ml



#45 AR-1268-5

R.T.: 11.452 min
Delta R.T.: -0.029 min
Response: 35051339
Conc: 18.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660304



#45 AR-1268-5

R.T.: 10.065 min
Delta R.T.: -0.017 min
Response: 18602007
Conc: 14.52 ng/ml