

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053019\
 Data File : PQ040397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2019 14:12
 Operator : SM\AJ
 Sample : K3006-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFH81

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 03:49:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.592	4.732	40478834	24913814	12.357	11.600
2)	SA Decachlor...	11.894	10.450	153.3E6	91380697	21.461	21.977
Target Compounds							
3)	L1 AR-1016-1	7.040	6.175	32752408	26494661	195.779	206.541
4)	L1 AR-1016-2	7.073	6.195	67539382	23489380	256.900	121.699 #
5)	L1 AR-1016-3	7.146	6.464	19556375	69252734	114.580	642.124 #
6)	L1 AR-1016-4	7.287	6.464	5987498	69252734	43.317	813.312 #
7)	L1 AR-1016-5	7.582	6.720	1112286	1671997	8.018	14.521 #
8)	L2 AR-1221-1	0.000	5.028	0	1457940	N.D.	59.491 #
9)	L2 AR-1221-2	5.986	5.151	1868916	1525307	84.828	93.648
10)	L2 AR-1221-3	6.081	5.255	7247926	4725241	82.045	77.709
11)	L3 AR-1232-1	6.081	5.255	7247926	4725241	111.906	103.119
12)	L3 AR-1232-2	6.724	6.195	81943267	23489380	2066.789	391.578 #
13)	L3 AR-1232-3	7.073	6.464	67539382	69252734	835.757	1969.207 #
14)	L3 AR-1232-4	7.287	6.511	5987498	47858118	143.247	1619.659 #
15)	L3 AR-1232-5	7.352	6.720	86836344	1671997	2739.966	55.540 #
16)	L4 AR-1242-1	7.040	6.175	32752408	26494661	337.807	358.287
17)	L4 AR-1242-2	7.073	6.195	67539382	23489380	467.342	220.641 #
18)	L4 AR-1242-3	7.146	6.464	19556375	69252734	210.079	1148.005 #
19)	L4 AR-1242-4	7.287	6.511	5987498	47858118	79.610	802.983 #
20)	L4 AR-1242-5	8.070	7.123	10123231	9883143	116.770	122.637
21)	L5 AR-1248-1	7.073	6.195	67539382	23489380	872.574	407.636 #
22)	L5 AR-1248-2	7.352	6.464	86836344	69252734	770.974	787.684
23)	L5 AR-1248-3	7.582	6.511	1112286	47858118	8.058	528.916 #
24)	L5 AR-1248-4	8.070	6.720	10123231	1671997	67.055	15.141 #
25)	L5 AR-1248-5	8.070	7.171	10123231	4521537	67.238	39.825 #
26)	L6 AR-1254-1	7.997	7.123	13717448	9883143	78.658	51.599 #
27)	L6 AR-1254-2	8.232	7.292	22012232	16940909	79.595	97.513
28)	L6 AR-1254-3	8.630	7.751	6639123	15152899	22.370	52.435 #
29)	L6 AR-1254-4	8.930	7.989	9927657	7779090	47.768	43.569
30)	L6 AR-1254-5	9.366	8.431	34712550	22358606	120.532	86.786 #
31)	L7 AR-1260-1	8.799	7.878	29919892	24481420	90.009	89.303
32)	L7 AR-1260-2	9.070	8.083	58838033	51859732	145.651	149.920
33)	L7 AR-1260-3	9.443	8.246	33084656	15990745	100.291	49.861 #
34)	L7 AR-1260-4	9.681	8.742	21623456	16980131	58.674	62.491
35)	L7 AR-1260-5	10.021	8.997	51275384	38399099	66.586	57.126
36)	L8 AR-1262-1	9.503	8.526	11315996	9654129	81.402	85.023
37)	L8 AR-1262-2	10.021	8.997	51275384	38399099	88.597	77.396
38)	L8 AR-1262-3	10.366	9.286	30077559	10359851	71.136	49.274 #
39)	L8 AR-1262-4	10.426	9.355	28566867	30589101	75.634	80.790
40)	L8 AR-1262-5	11.128	9.875	22707432	14684623	96.644	90.572
41)	L9 AR-1268-1	10.366	9.286	30077559	10359851	49.932	22.702 #
42)	L9 AR-1268-2	10.426	9.355	28566867	30589101	46.426	69.968 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ053019\
 Data File : PQ040397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2019 14:12
 Operator : SM\AJ
 Sample : K3006-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

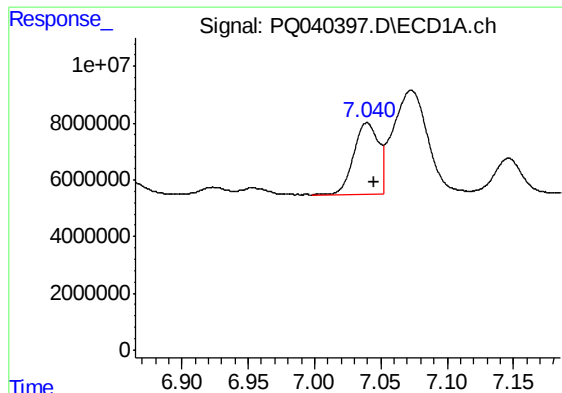
Instrument :
 ECD_Q
 ClientSampleId :
 BFH81

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 03:49:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	0.000	9.562	0	804058	N.D.	2.142 #
44) L9	AR-1268-4	11.128	9.875	22707432	14684623	111.331	106.577
45) L9	AR-1268-5	11.553	10.185	13716734	5557516	7.423	4.709 #

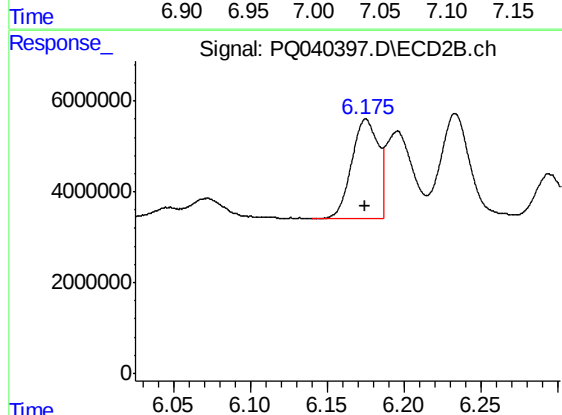
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

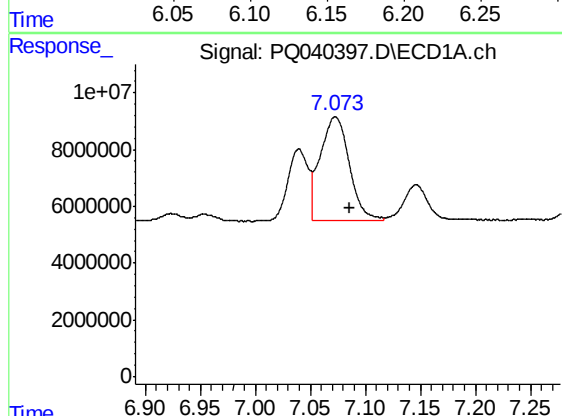
R.T.: 7.040 min
Delta R.T.: -0.005 min
Response: 32752408
Conc: 195.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



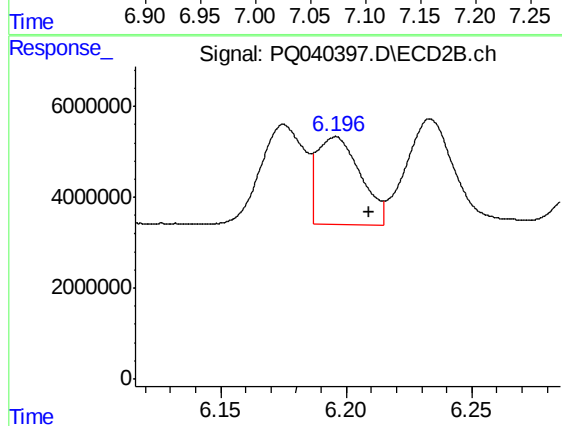
#3 AR-1016-1

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 26494661
Conc: 206.54 ng/ml



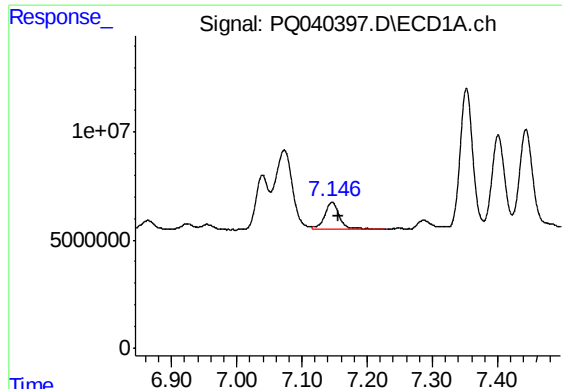
#4 AR-1016-2

R.T.: 7.073 min
Delta R.T.: -0.013 min
Response: 67539382
Conc: 256.90 ng/ml



#4 AR-1016-2

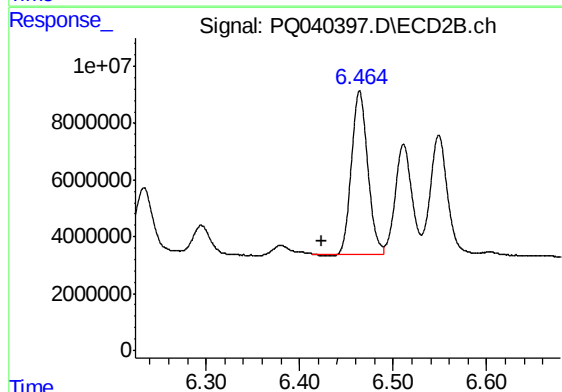
R.T.: 6.195 min
Delta R.T.: -0.014 min
Response: 23489380
Conc: 121.70 ng/ml



#5 AR-1016-3

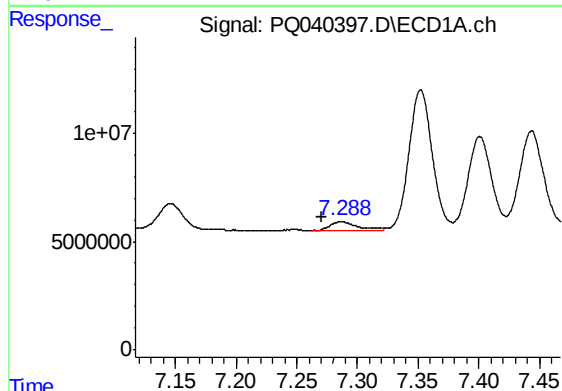
R.T.: 7.146 min
Delta R.T.: -0.010 min
Response: 19556375
Conc: 114.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



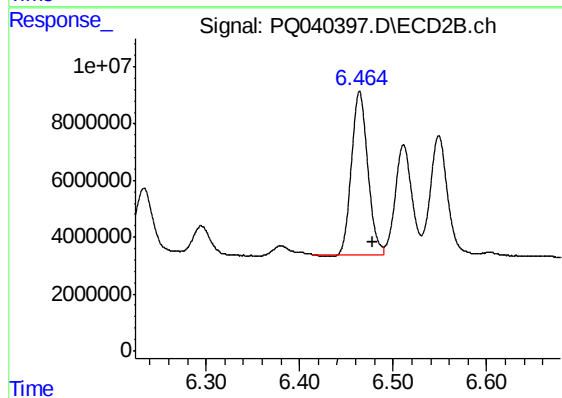
#5 AR-1016-3

R.T.: 6.464 min
Delta R.T.: 0.041 min
Response: 69252734
Conc: 642.12 ng/ml



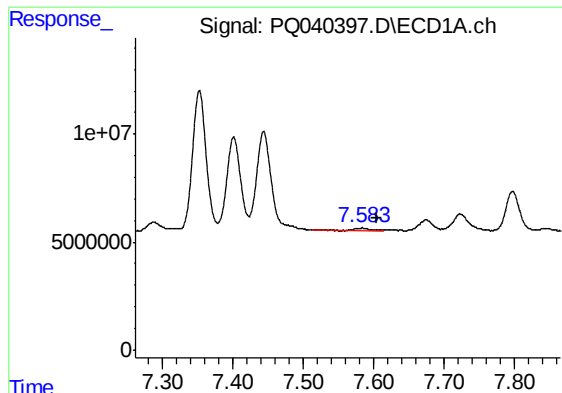
#6 AR-1016-4

R.T.: 7.287 min
Delta R.T.: 0.016 min
Response: 5987498
Conc: 43.32 ng/ml



#6 AR-1016-4

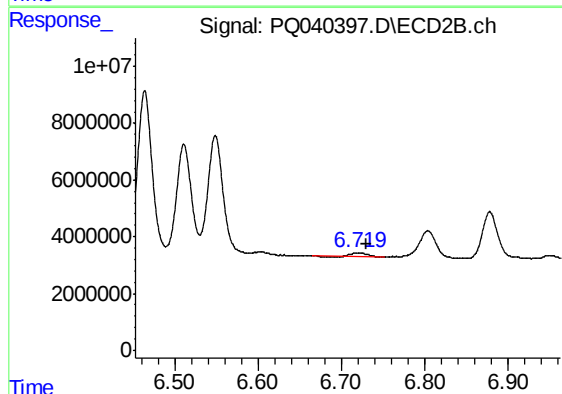
R.T.: 6.464 min
Delta R.T.: -0.014 min
Response: 69252734
Conc: 813.31 ng/ml



#7 AR-1016-5

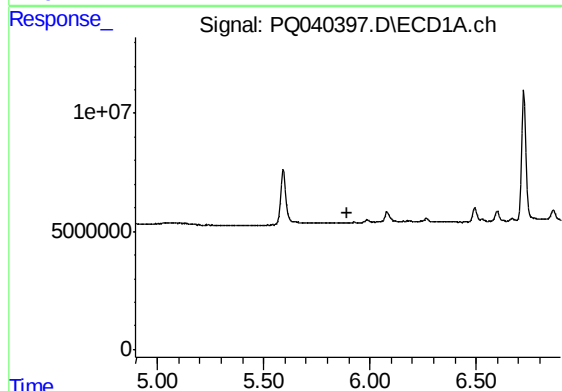
R.T.: 7.582 min
Delta R.T.: -0.022 min
Response: 1112286
Conc: 8.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



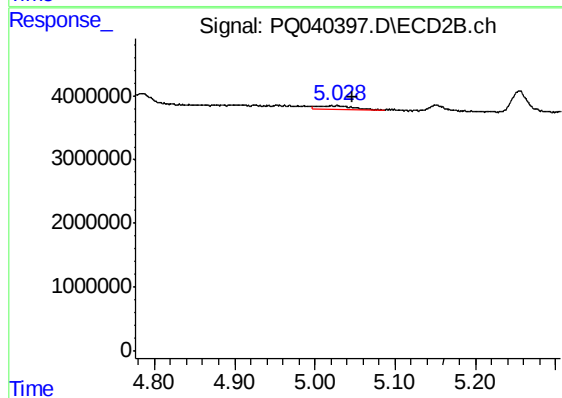
#7 AR-1016-5

R.T.: 6.720 min
Delta R.T.: -0.010 min
Response: 1671997
Conc: 14.52 ng/ml



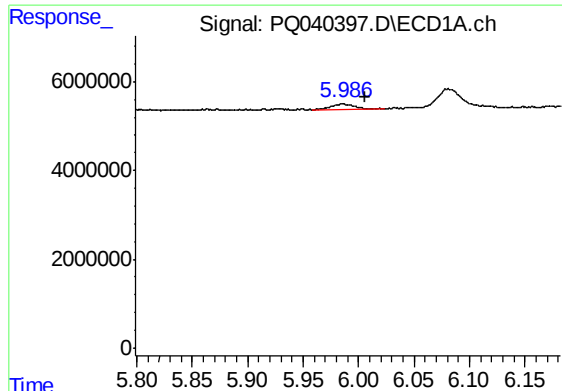
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

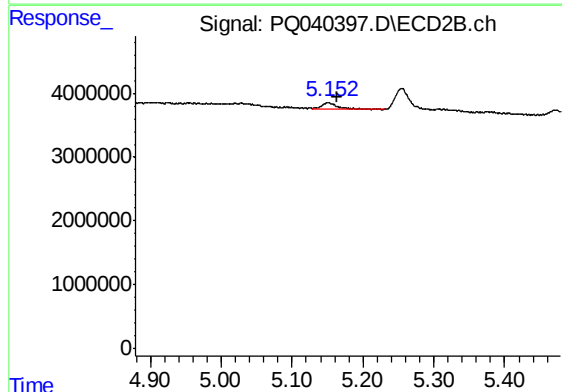
R.T.: 5.028 min
Delta R.T.: -0.018 min
Response: 1457940
Conc: 59.49 ng/ml



#9 AR-1221-2

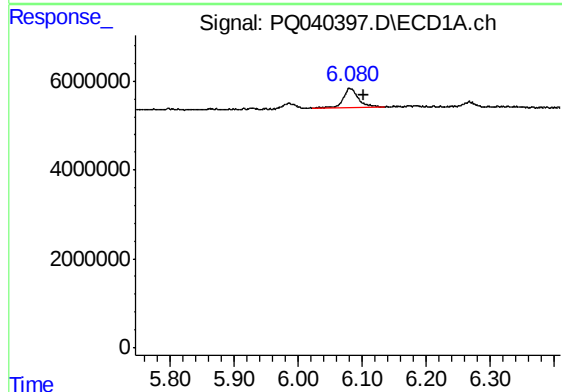
R.T.: 5.986 min
Delta R.T.: -0.020 min
Response: 1868916
Conc: 84.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



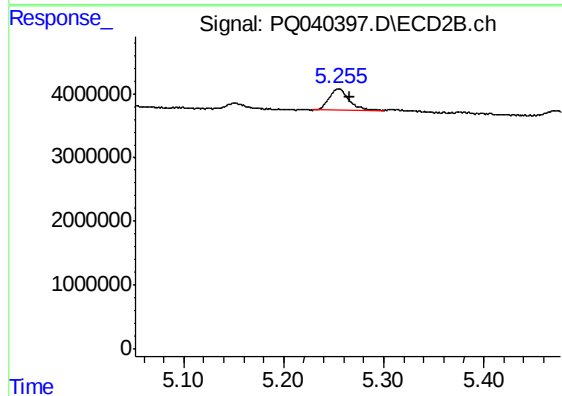
#9 AR-1221-2

R.T.: 5.151 min
Delta R.T.: -0.012 min
Response: 1525307
Conc: 93.65 ng/ml



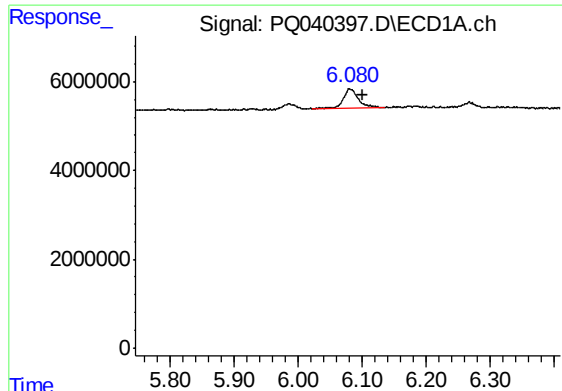
#10 AR-1221-3

R.T.: 6.081 min
Delta R.T.: -0.022 min
Response: 7247926
Conc: 82.05 ng/ml



#10 AR-1221-3

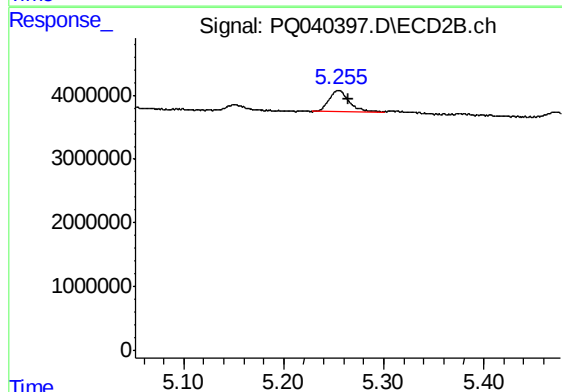
R.T.: 5.255 min
Delta R.T.: -0.012 min
Response: 4725241
Conc: 77.71 ng/ml



#11 AR-1232-1

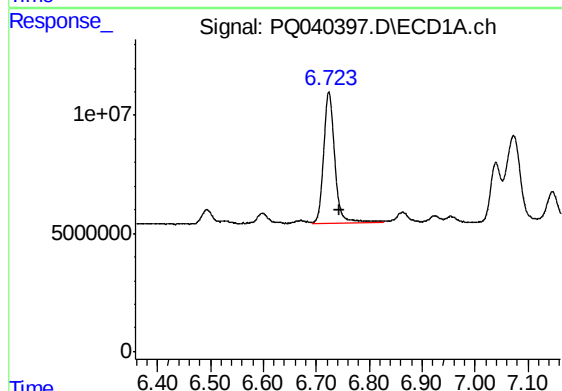
R.T.: 6.081 min
Delta R.T.: -0.020 min
Response: 7247926
Conc: 111.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



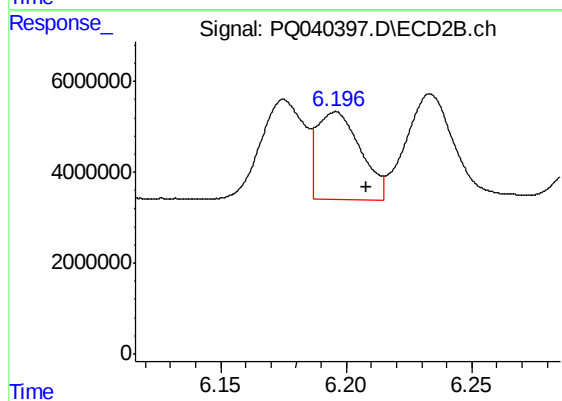
#11 AR-1232-1

R.T.: 5.255 min
Delta R.T.: -0.011 min
Response: 4725241
Conc: 103.12 ng/ml



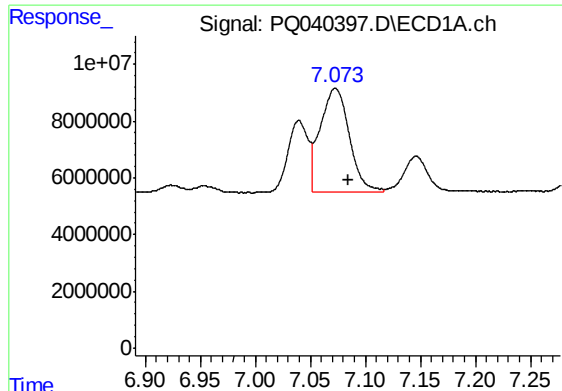
#12 AR-1232-2

R.T.: 6.724 min
Delta R.T.: -0.019 min
Response: 81943267
Conc: 2066.79 ng/ml



#12 AR-1232-2

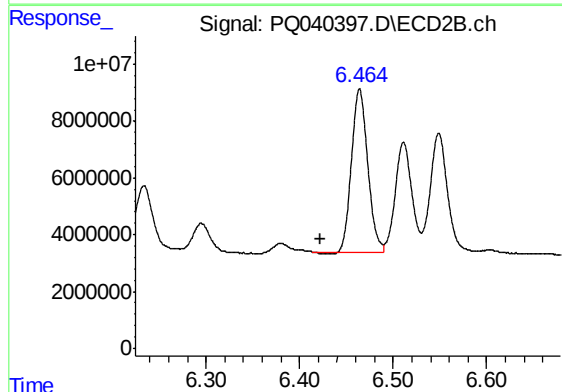
R.T.: 6.195 min
Delta R.T.: -0.013 min
Response: 23489380
Conc: 391.58 ng/ml



#13 AR-1232-3

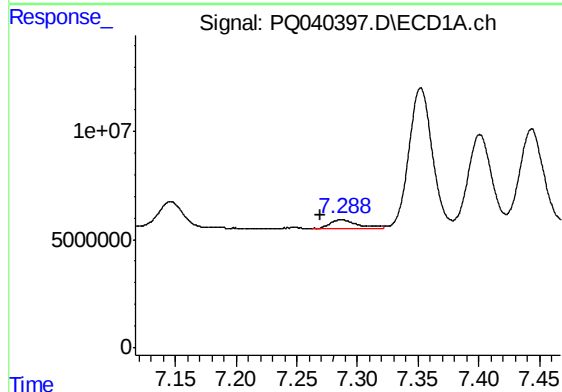
R.T.: 7.073 min
Delta R.T.: -0.012 min
Response: 67539382
Conc: 835.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



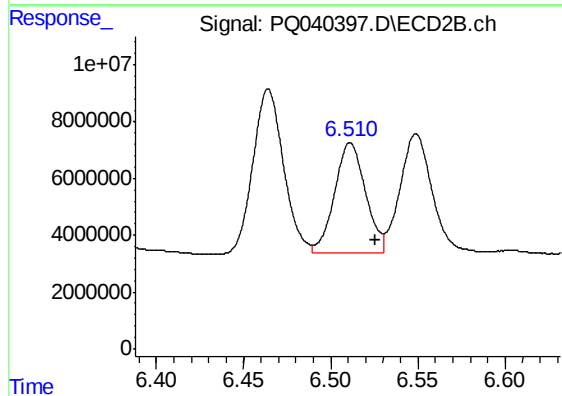
#13 AR-1232-3

R.T.: 6.464 min
Delta R.T.: 0.041 min
Response: 69252734
Conc: 1969.21 ng/ml



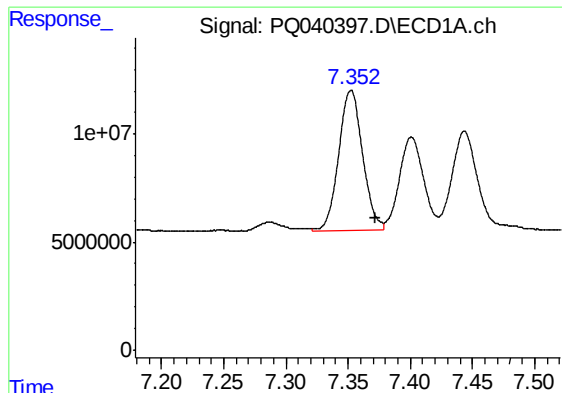
#14 AR-1232-4

R.T.: 7.287 min
Delta R.T.: 0.017 min
Response: 5987498
Conc: 143.25 ng/ml



#14 AR-1232-4

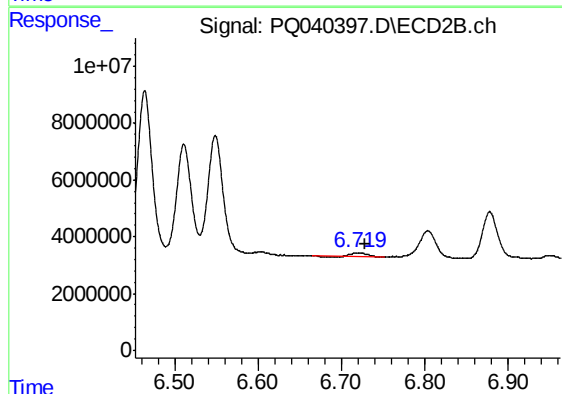
R.T.: 6.511 min
Delta R.T.: -0.015 min
Response: 47858118
Conc: 1619.66 ng/ml



#15 AR-1232-5

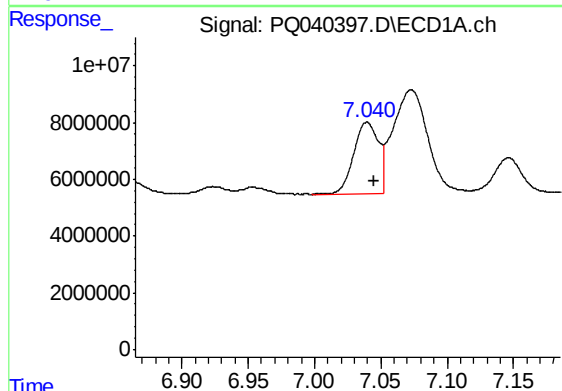
R.T.: 7.352 min
Delta R.T.: -0.020 min
Response: 86836344
Conc: 2739.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



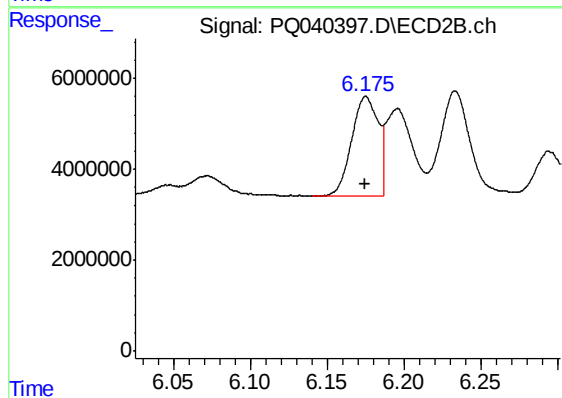
#15 AR-1232-5

R.T.: 6.720 min
Delta R.T.: -0.009 min
Response: 1671997
Conc: 55.54 ng/ml



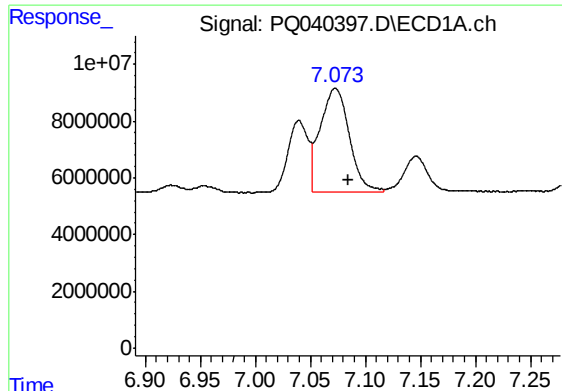
#16 AR-1242-1

R.T.: 7.040 min
Delta R.T.: -0.005 min
Response: 32752408
Conc: 337.81 ng/ml



#16 AR-1242-1

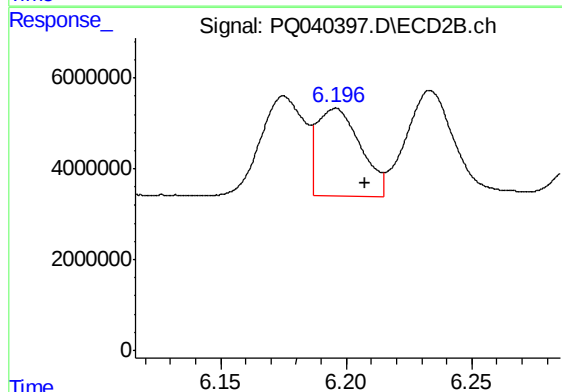
R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 26494661
Conc: 358.29 ng/ml



#17 AR-1242-2

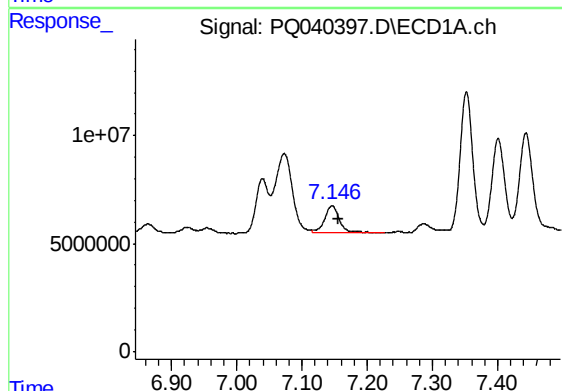
R.T.: 7.073 min
Delta R.T.: -0.012 min
Response: 67539382
Conc: 467.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



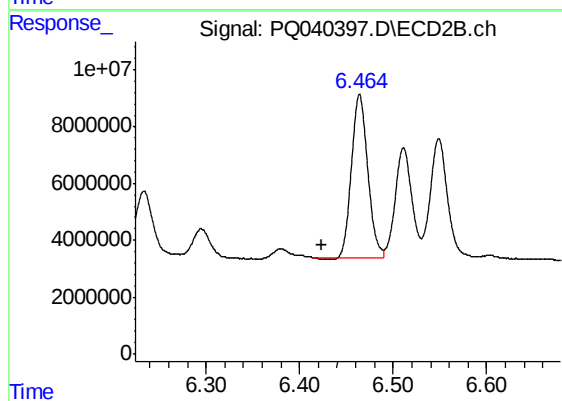
#17 AR-1242-2

R.T.: 6.195 min
Delta R.T.: -0.012 min
Response: 23489380
Conc: 220.64 ng/ml



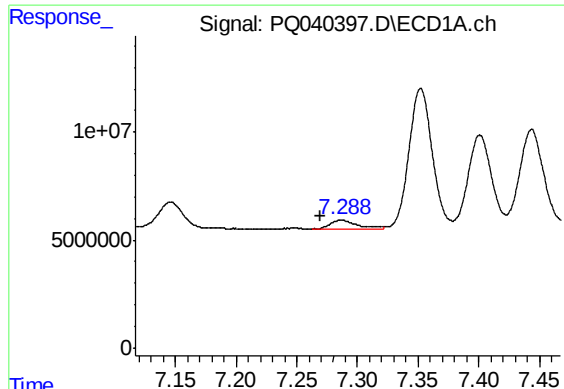
#18 AR-1242-3

R.T.: 7.146 min
Delta R.T.: -0.009 min
Response: 19556375
Conc: 210.08 ng/ml



#18 AR-1242-3

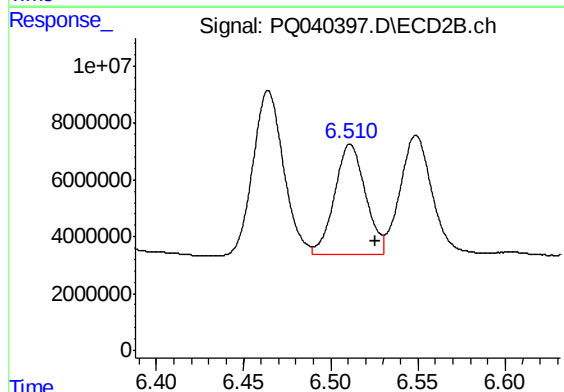
R.T.: 6.464 min
Delta R.T.: 0.041 min
Response: 69252734
Conc: 1148.00 ng/ml



#19 AR-1242-4

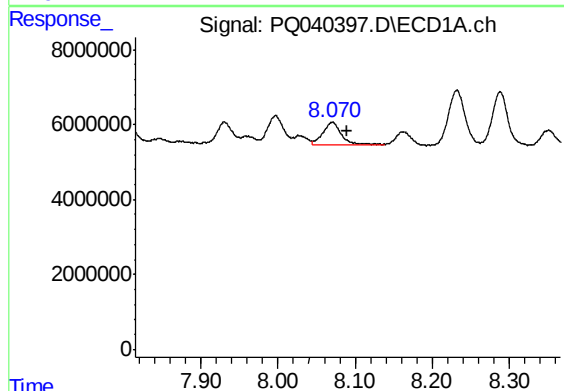
R.T.: 7.287 min
Delta R.T.: 0.017 min
Response: 5987498
Conc: 79.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



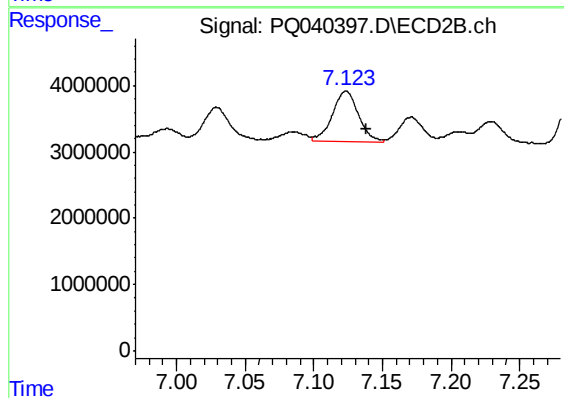
#19 AR-1242-4

R.T.: 6.511 min
Delta R.T.: -0.014 min
Response: 47858118
Conc: 802.98 ng/ml



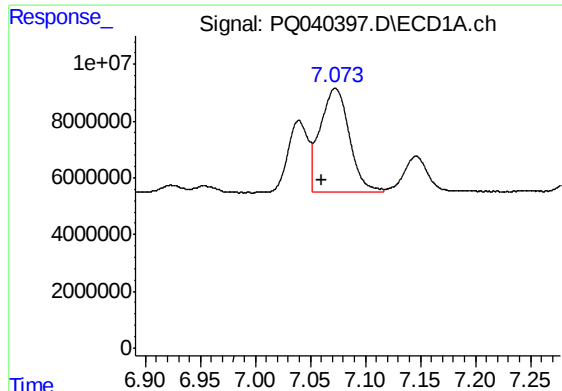
#20 AR-1242-5

R.T.: 8.070 min
Delta R.T.: -0.020 min
Response: 10123231
Conc: 116.77 ng/ml



#20 AR-1242-5

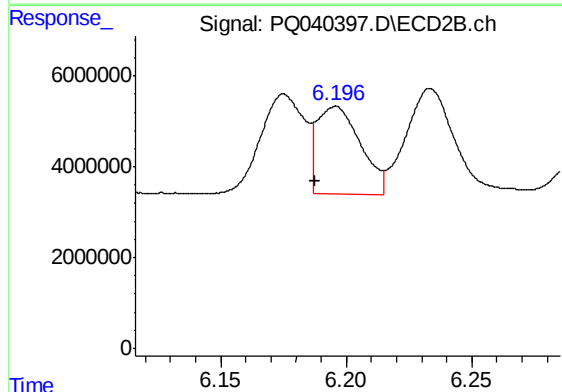
R.T.: 7.123 min
Delta R.T.: -0.015 min
Response: 9883143
Conc: 122.64 ng/ml



#21 AR-1248-1

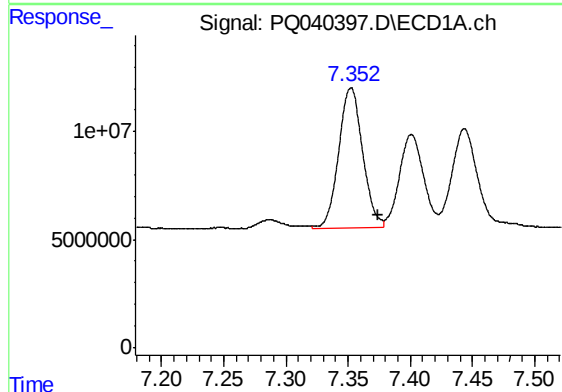
R.T.: 7.073 min
Delta R.T.: 0.012 min
Response: 67539382
Conc: 872.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



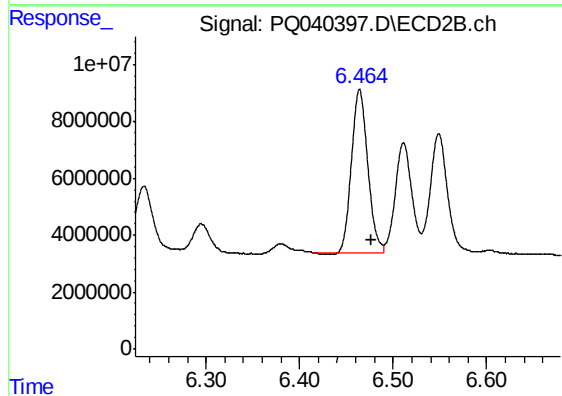
#21 AR-1248-1

R.T.: 6.195 min
Delta R.T.: 0.008 min
Response: 23489380
Conc: 407.64 ng/ml



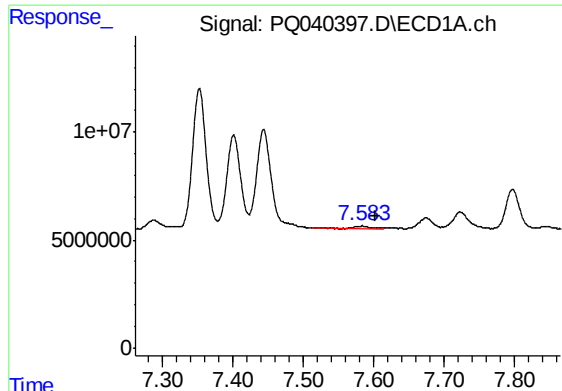
#22 AR-1248-2

R.T.: 7.352 min
Delta R.T.: -0.022 min
Response: 86836344
Conc: 770.97 ng/ml



#22 AR-1248-2

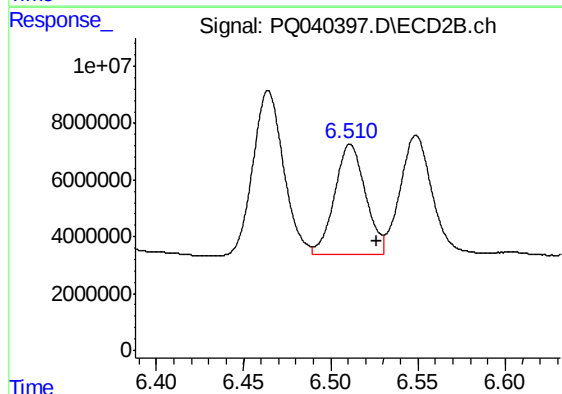
R.T.: 6.464 min
Delta R.T.: -0.013 min
Response: 69252734
Conc: 787.68 ng/ml



#23 AR-1248-3

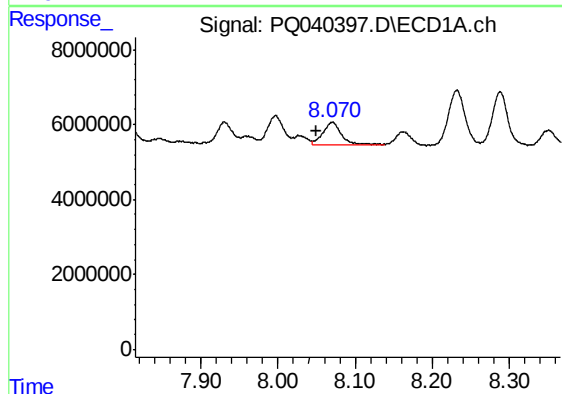
R.T.: 7.582 min
Delta R.T.: -0.021 min
Response: 1112286
Conc: 8.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



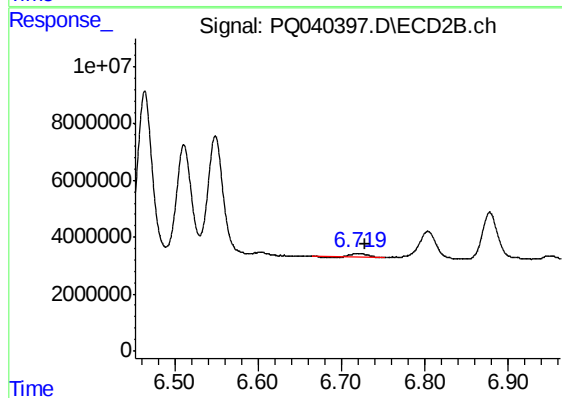
#23 AR-1248-3

R.T.: 6.511 min
Delta R.T.: -0.015 min
Response: 47858118
Conc: 528.92 ng/ml



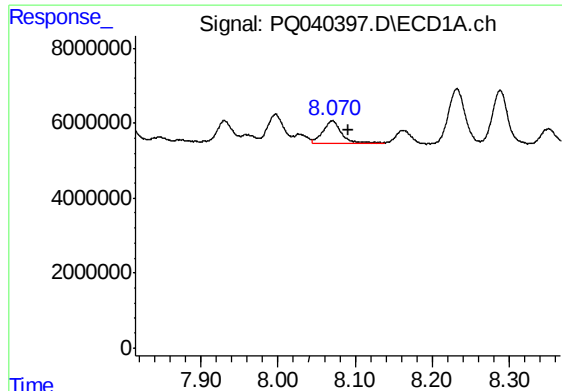
#24 AR-1248-4

R.T.: 8.070 min
Delta R.T.: 0.020 min
Response: 10123231
Conc: 67.05 ng/ml



#24 AR-1248-4

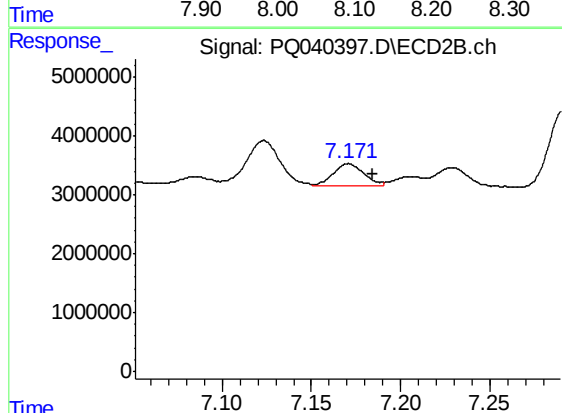
R.T.: 6.720 min
Delta R.T.: -0.009 min
Response: 1671997
Conc: 15.14 ng/ml



#25 AR-1248-5

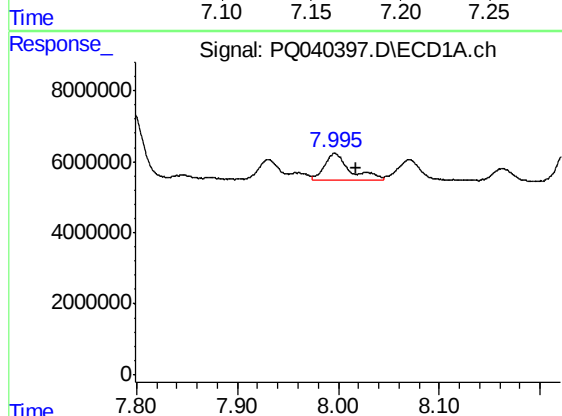
R.T.: 8.070 min
Delta R.T.: -0.020 min
Response: 10123231
Conc: 67.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



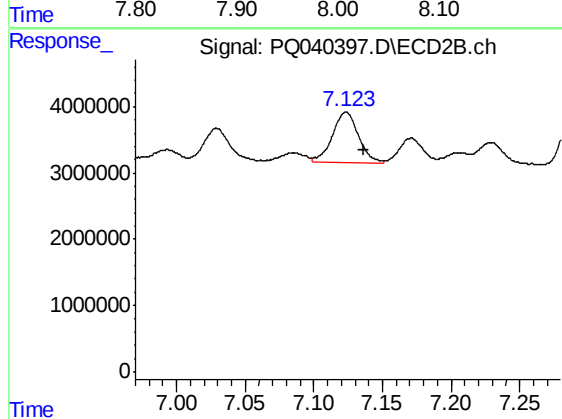
#25 AR-1248-5

R.T.: 7.171 min
Delta R.T.: -0.014 min
Response: 4521537
Conc: 39.82 ng/ml



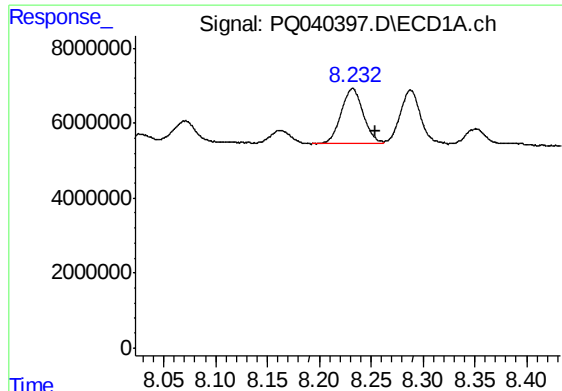
#26 AR-1254-1

R.T.: 7.997 min
Delta R.T.: -0.021 min
Response: 13717448
Conc: 78.66 ng/ml



#26 AR-1254-1

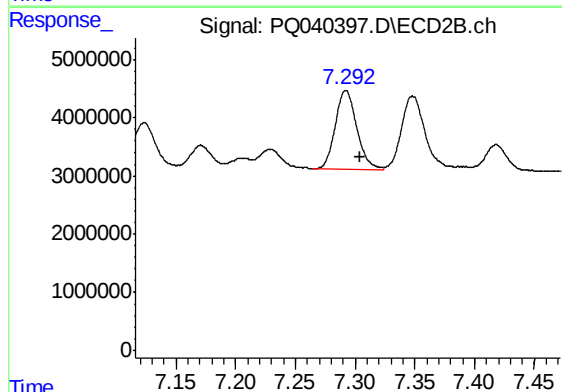
R.T.: 7.123 min
Delta R.T.: -0.013 min
Response: 9883143
Conc: 51.60 ng/ml



#27 AR-1254-2

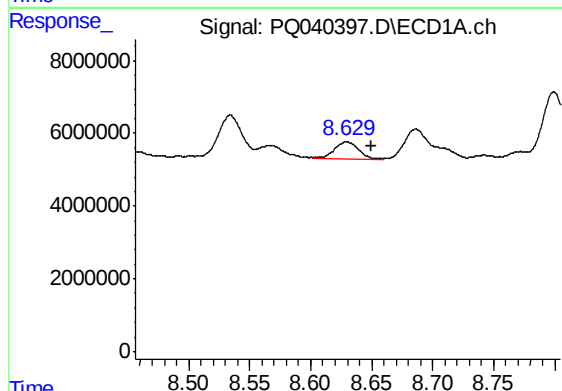
R.T.: 8.232 min
Delta R.T.: -0.022 min
Response: 22012232
Conc: 79.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



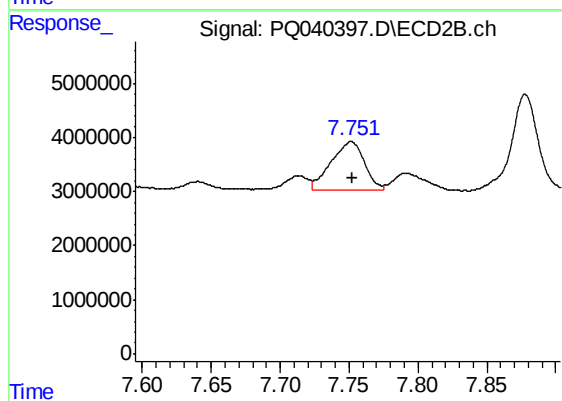
#27 AR-1254-2

R.T.: 7.292 min
Delta R.T.: -0.012 min
Response: 16940909
Conc: 97.51 ng/ml



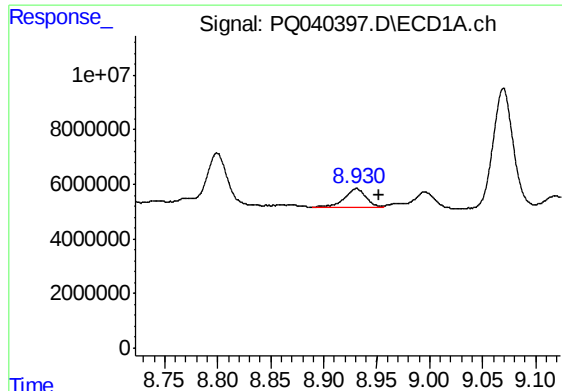
#28 AR-1254-3

R.T.: 8.630 min
Delta R.T.: -0.020 min
Response: 6639123
Conc: 22.37 ng/ml



#28 AR-1254-3

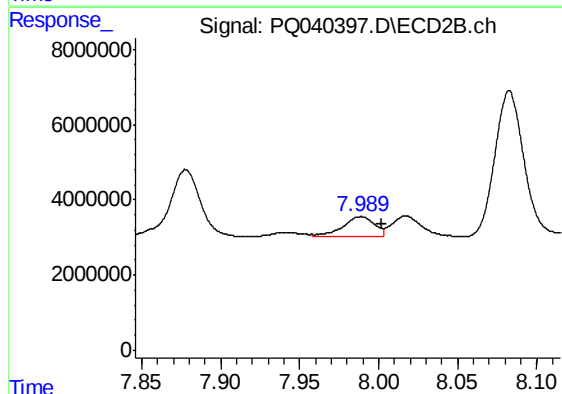
R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 15152899
Conc: 52.44 ng/ml



#29 AR-1254-4

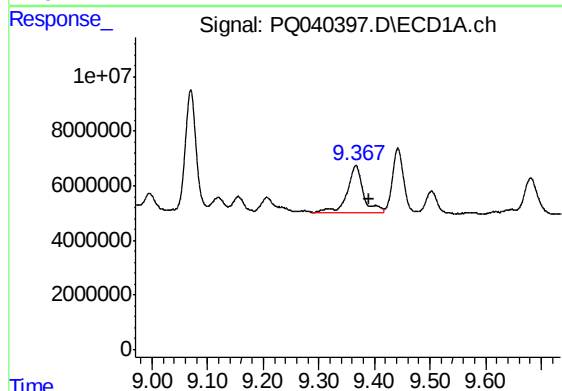
R.T.: 8.930 min
Delta R.T.: -0.021 min
Response: 9927657
Conc: 47.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



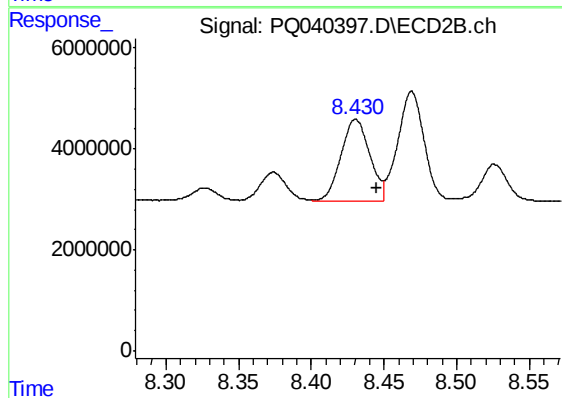
#29 AR-1254-4

R.T.: 7.989 min
Delta R.T.: -0.013 min
Response: 7779090
Conc: 43.57 ng/ml



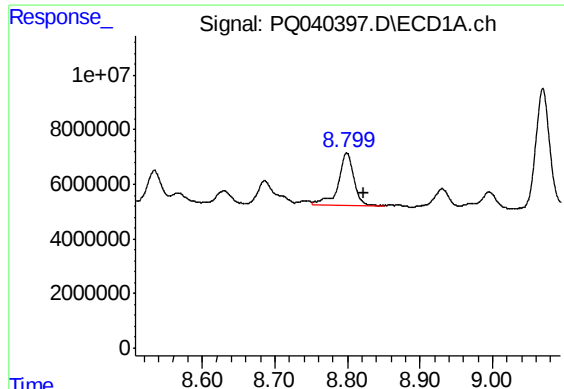
#30 AR-1254-5

R.T.: 9.366 min
Delta R.T.: -0.024 min
Response: 34712550
Conc: 120.53 ng/ml



#30 AR-1254-5

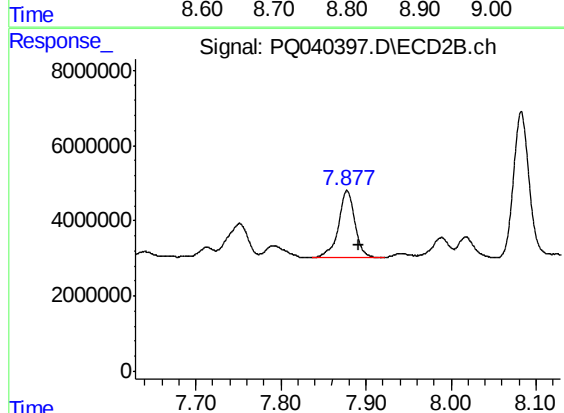
R.T.: 8.431 min
Delta R.T.: -0.015 min
Response: 22358606
Conc: 86.79 ng/ml



#31 AR-1260-1

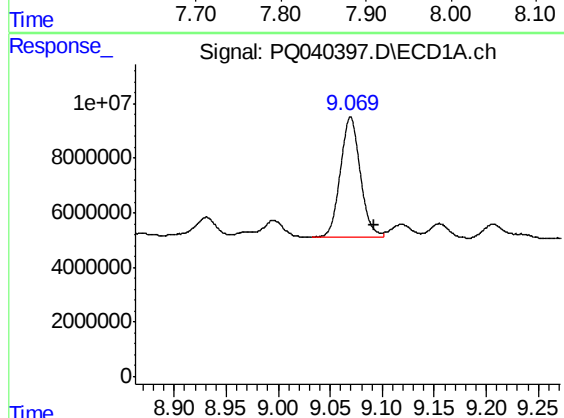
R.T.: 8.799 min
Delta R.T.: -0.023 min
Response: 29919892
Conc: 90.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



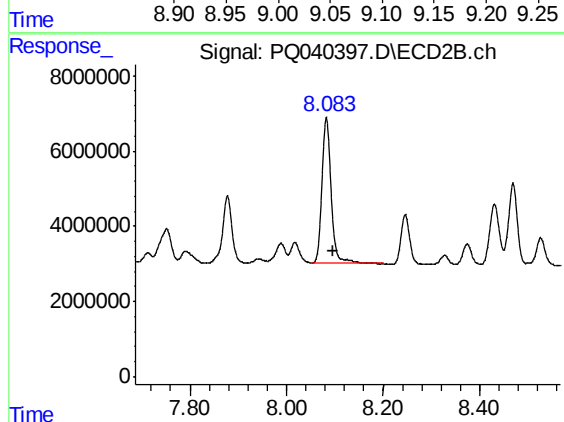
#31 AR-1260-1

R.T.: 7.878 min
Delta R.T.: -0.014 min
Response: 24481420
Conc: 89.30 ng/ml



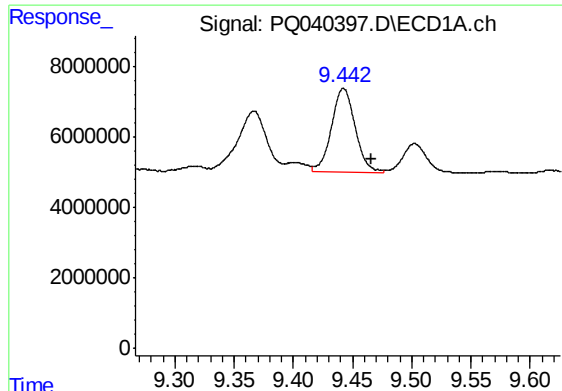
#32 AR-1260-2

R.T.: 9.070 min
Delta R.T.: -0.023 min
Response: 58838033
Conc: 145.65 ng/ml



#32 AR-1260-2

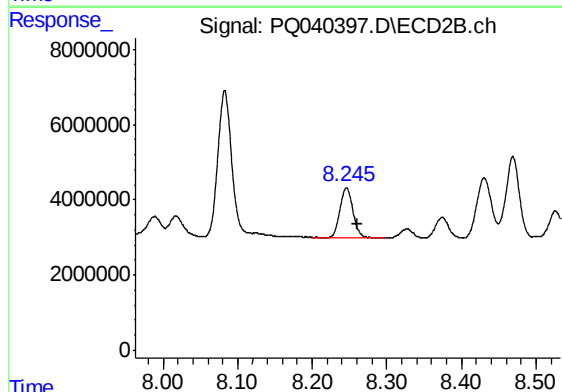
R.T.: 8.083 min
Delta R.T.: -0.015 min
Response: 51859732
Conc: 149.92 ng/ml



#33 AR-1260-3

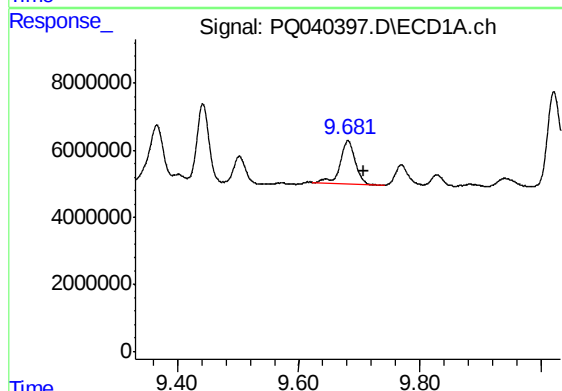
R.T.: 9.443 min
Delta R.T.: -0.024 min
Response: 33084656
Conc: 100.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



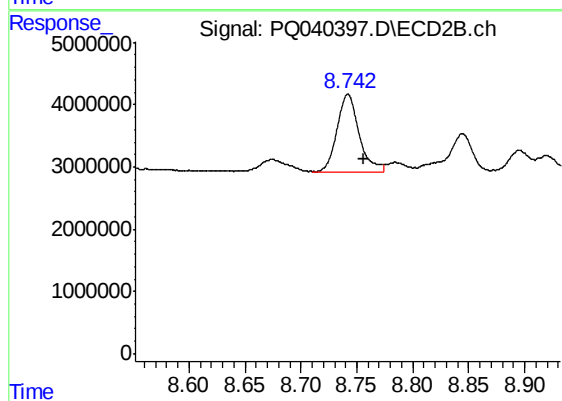
#33 AR-1260-3

R.T.: 8.246 min
Delta R.T.: -0.015 min
Response: 15990745
Conc: 49.86 ng/ml



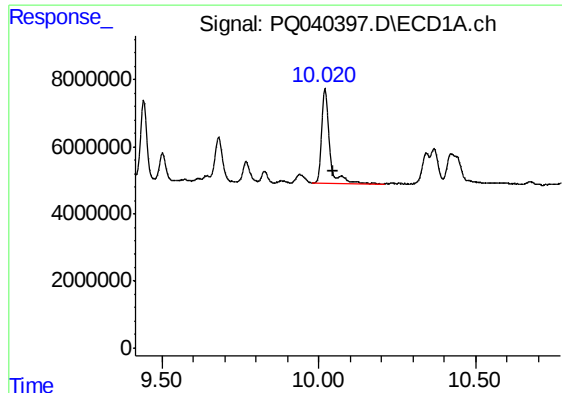
#34 AR-1260-4

R.T.: 9.681 min
Delta R.T.: -0.026 min
Response: 21623456
Conc: 58.67 ng/ml



#34 AR-1260-4

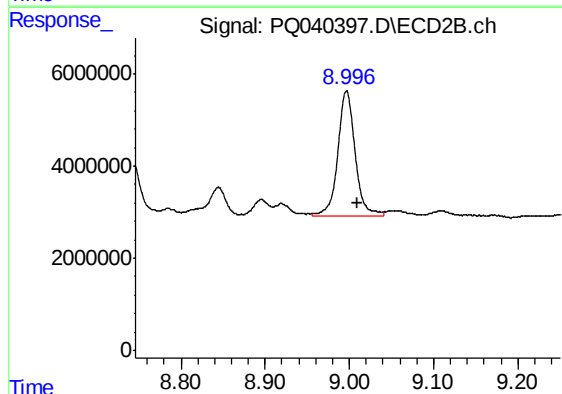
R.T.: 8.742 min
Delta R.T.: -0.015 min
Response: 16980131
Conc: 62.49 ng/ml



#35 AR-1260-5

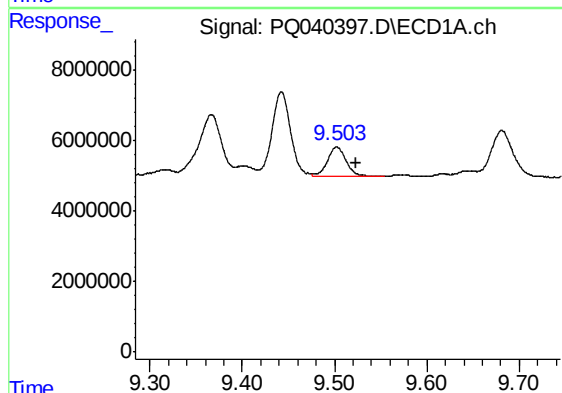
R.T.: 10.021 min
Delta R.T.: -0.026 min
Response: 51275384
Conc: 66.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



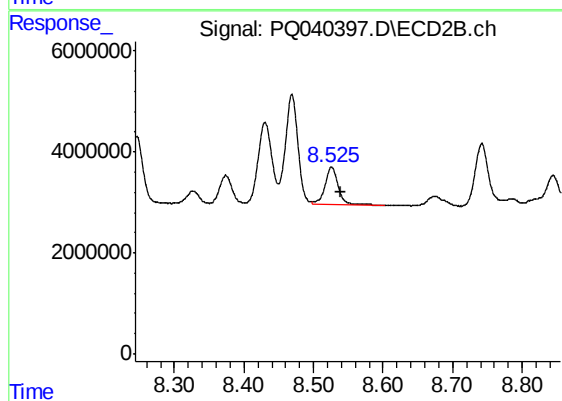
#35 AR-1260-5

R.T.: 8.997 min
Delta R.T.: -0.014 min
Response: 38399099
Conc: 57.13 ng/ml



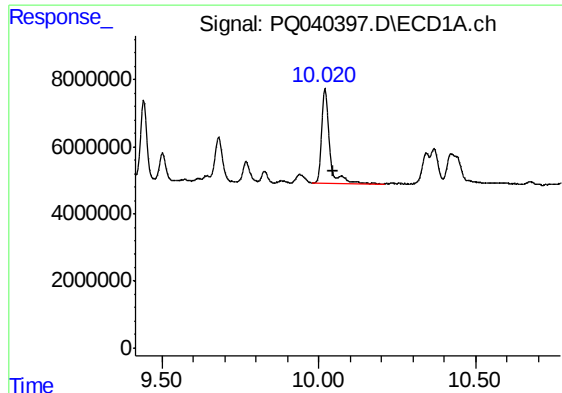
#36 AR-1262-1

R.T.: 9.503 min
Delta R.T.: -0.021 min
Response: 11315996
Conc: 81.40 ng/ml



#36 AR-1262-1

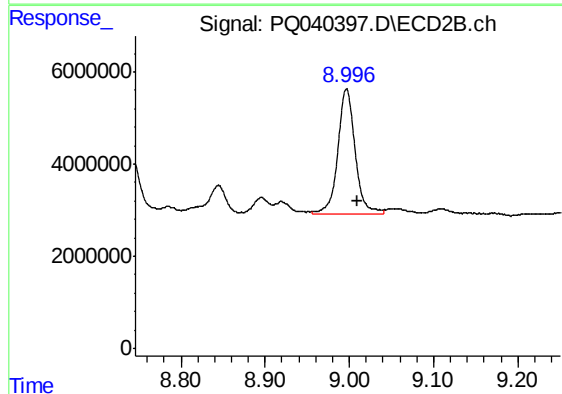
R.T.: 8.526 min
Delta R.T.: -0.013 min
Response: 9654129
Conc: 85.02 ng/ml



#37 AR-1262-2

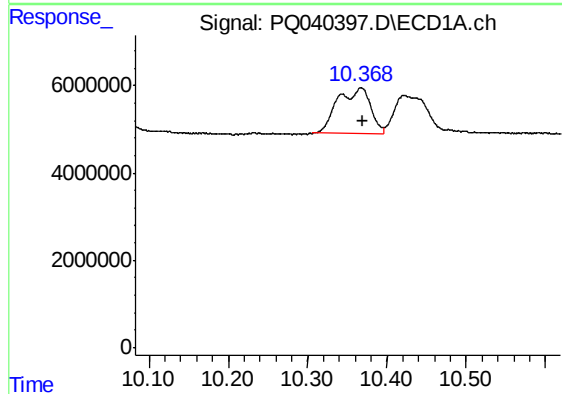
R.T.: 10.021 min
Delta R.T.: -0.024 min
Response: 51275384
Conc: 88.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



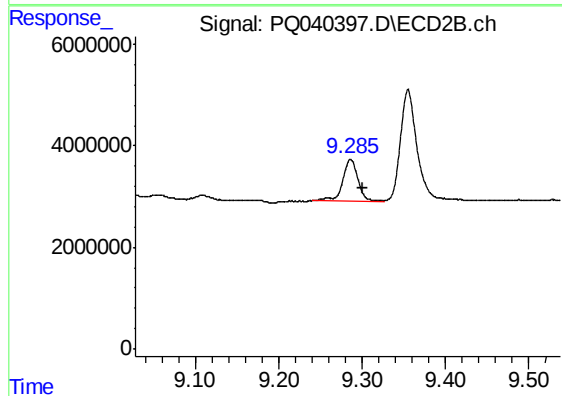
#37 AR-1262-2

R.T.: 8.997 min
Delta R.T.: -0.013 min
Response: 38399099
Conc: 77.40 ng/ml



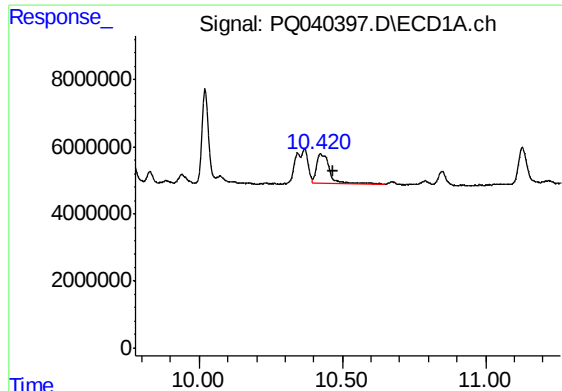
#38 AR-1262-3

R.T.: 10.366 min
Delta R.T.: -0.002 min
Response: 30077559
Conc: 71.14 ng/ml



#38 AR-1262-3

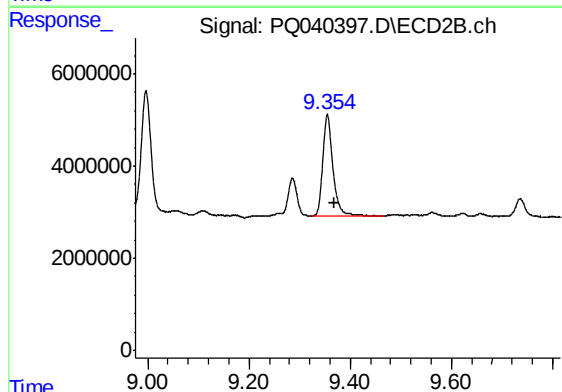
R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 10359851
Conc: 49.27 ng/ml



#39 AR-1262-4

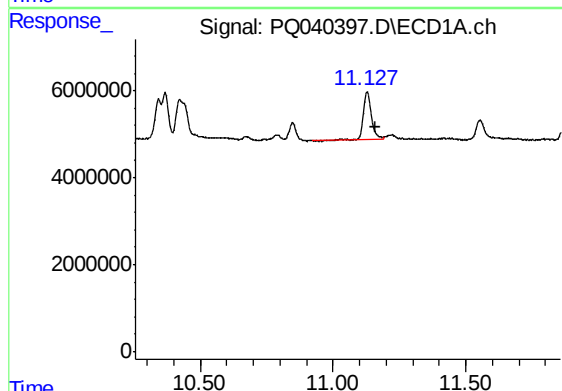
R.T.: 10.426 min
Delta R.T.: -0.041 min
Response: 28566867
Conc: 75.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



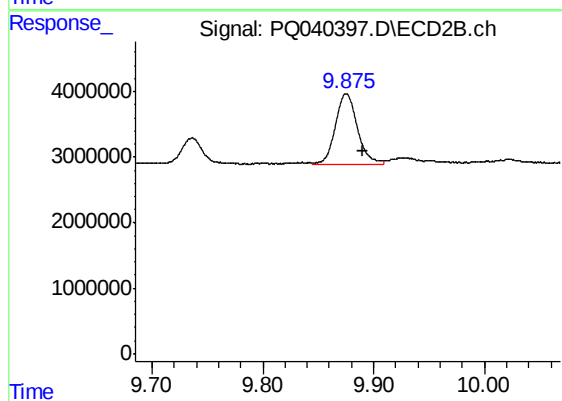
#39 AR-1262-4

R.T.: 9.355 min
Delta R.T.: -0.013 min
Response: 30589101
Conc: 80.79 ng/ml



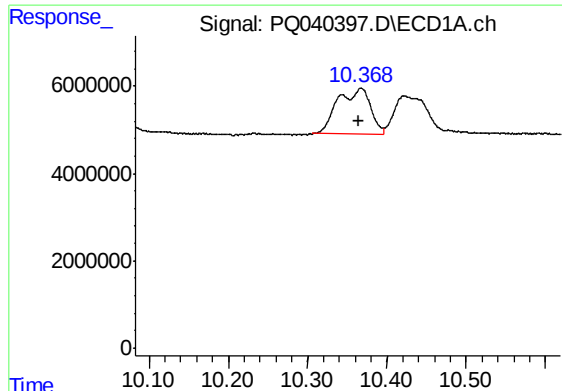
#40 AR-1262-5

R.T.: 11.128 min
Delta R.T.: -0.031 min
Response: 22707432
Conc: 96.64 ng/ml



#40 AR-1262-5

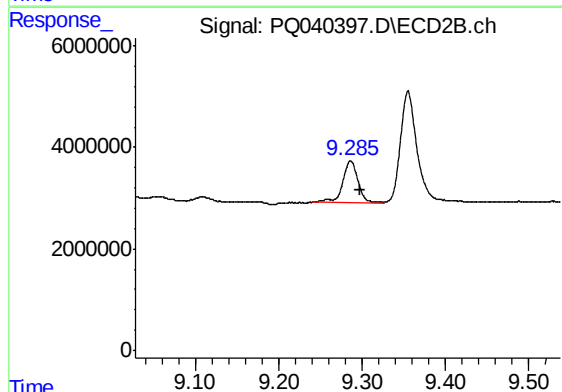
R.T.: 9.875 min
Delta R.T.: -0.014 min
Response: 14684623
Conc: 90.57 ng/ml



#41 AR-1268-1

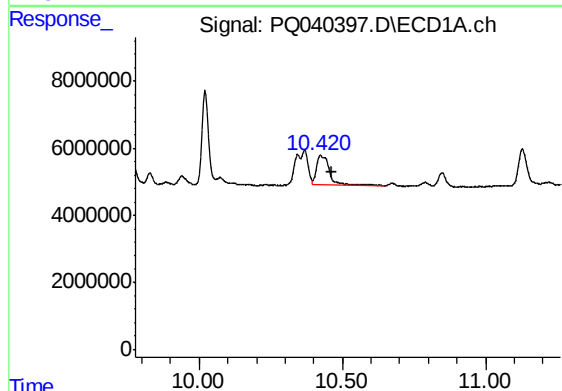
R.T.: 10.366 min
Delta R.T.: 0.002 min
Response: 30077559
Conc: 49.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



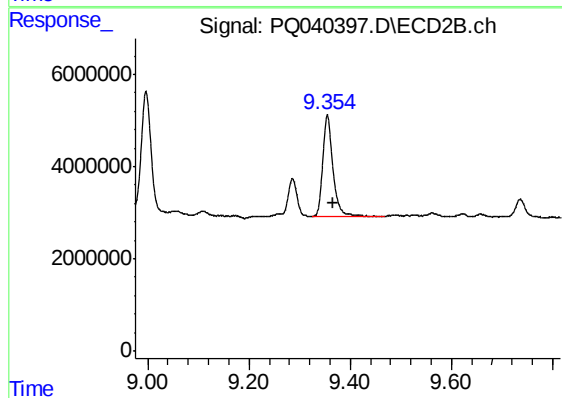
#41 AR-1268-1

R.T.: 9.286 min
Delta R.T.: -0.011 min
Response: 10359851
Conc: 22.70 ng/ml



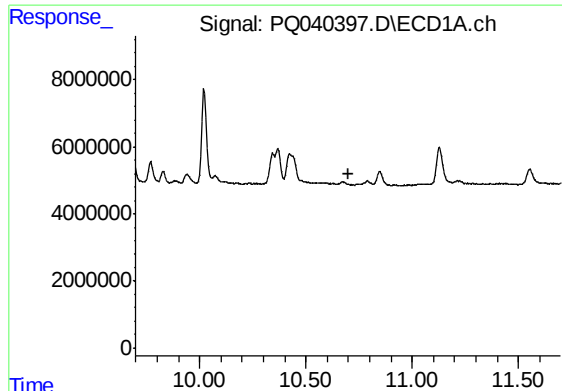
#42 AR-1268-2

R.T.: 10.426 min
Delta R.T.: -0.038 min
Response: 28566867
Conc: 46.43 ng/ml



#42 AR-1268-2

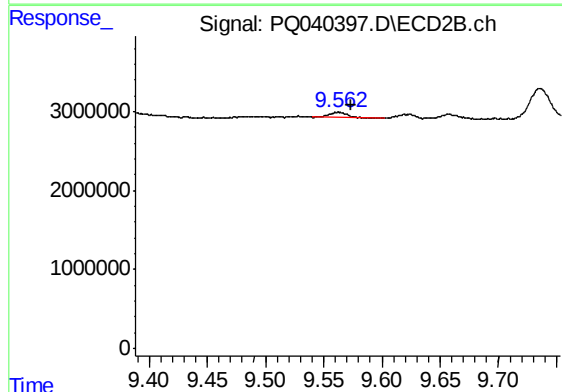
R.T.: 9.355 min
Delta R.T.: -0.011 min
Response: 30589101
Conc: 69.97 ng/ml



#43 AR-1268-3

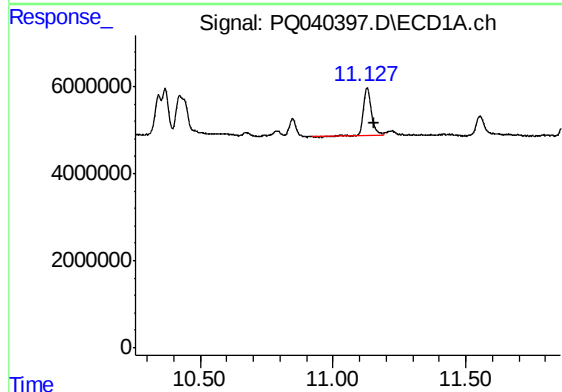
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BFH81



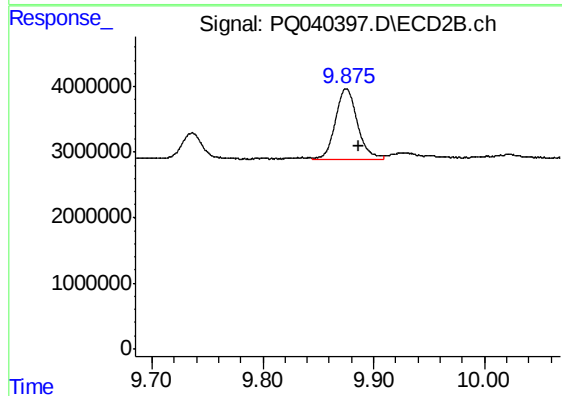
#43 AR-1268-3

R.T.: 9.562 min
Delta R.T.: -0.011 min
Response: 804058
Conc: 2.14 ng/ml



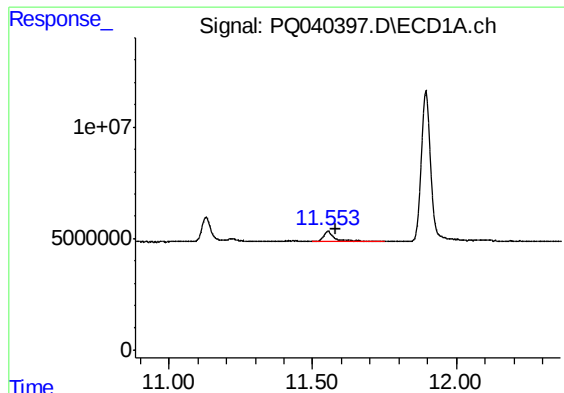
#44 AR-1268-4

R.T.: 11.128 min
Delta R.T.: -0.025 min
Response: 22707432
Conc: 111.33 ng/ml



#44 AR-1268-4

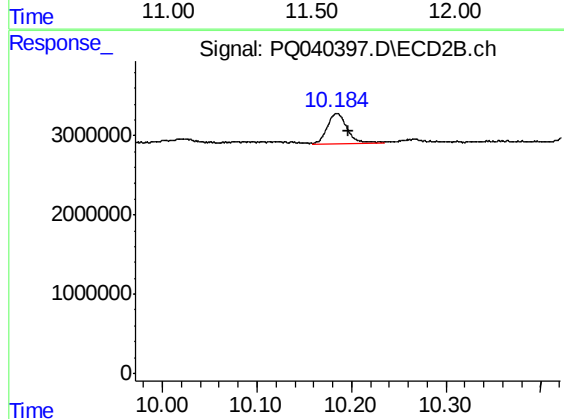
R.T.: 9.875 min
Delta R.T.: -0.011 min
Response: 14684623
Conc: 106.58 ng/ml



#45 AR-1268-5

R.T.: 11.553 min
Delta R.T.: -0.029 min
Response: 13716734
Conc: 7.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFH81



#45 AR-1268-5

R.T.: 10.185 min
Delta R.T.: -0.012 min
Response: 5557516
Conc: 4.71 ng/ml